

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052820\
 Data File : BF120404.D
 Acq On : 28 May 2020 13:15
 Operator : MA/SJ
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF052820

Quant Time: May 28 13:52:50 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 28 13:47:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	267471	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	1015892	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	537391	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	1014826	20.00	ng	0.00
76) Chrysene-d12	14.00	240	734960	20.00	ng	0.00
86) Perylene-d12	15.44	264	680872	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	1060960	75.59	ng	0.00
7) Phenol-d6	6.46	99	1341329	77.54	ng	0.00
23) Nitrobenzene-d5	7.40	82	1209155	77.86	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	388938	78.11	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	2193374	69.25	ng	0.00
79) Terphenyl-d14	12.94	244	2435405	73.74	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.59	88	265292	38.159	ng	100
3) Pyridine	3.33	79	606765	31.512	ng	98
4) n-Nitrosodimethylamine	3.29	42	310150	38.062	ng	97
6) Aniline	6.50	93	950599	39.410	ng	100
8) 2-Chlorophenol	6.63	128	609701	38.527	ng	99
9) Benzaldehyde	6.39	77	495218	46.970	ng	99
10) Phenol	6.48	94	793893	41.966	ng	100
11) bis(2-Chloroethyl)ether	6.57	93	594877	37.631	ng	96
12) 1,3-Dichlorobenzene	6.78	146	652784	37.546	ng	99
13) 1,4-Dichlorobenzene	6.86	146	652955	37.642	ng	99
14) 1,2-Dichlorobenzene	7.01	146	609651	38.051	ng	96
15) Benzyl Alcohol	6.98	79	504547	38.691	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.12	45	910741	36.544	ng	99
17) 2-Methylphenol	7.09	107	501890	35.466	ng	99
18) Hexachloroethane	7.36	117	242006	38.113	ng	98
19) n-Nitroso-di-n-propylamine	7.26	70	411499	37.421	ng	99
20) 3+4-Methylphenols	7.24	107	582356	32.575	ng	# 87
22) Acetophenone	7.25	105	806331	39.081	ng	98
24) Nitrobenzene	7.42	77	639860	38.247	ng	99
25) Isophorone	7.66	82	1163791	37.284	ng	100
26) 2-Nitrophenol	7.74	139	305336	40.480	ng	98
27) 2,4-Dimethylphenol	7.77	122	530484	40.498	ng	100
28) bis(2-Chloroethoxy)methane	7.87	93	720966	38.355	ng	100
29) 2,4-Dichlorophenol	7.97	162	506236	38.262	ng	99
30) 1,2,4-Trichlorobenzene	8.06	180	556330	37.469	ng	98
31) Naphthalene	8.15	128	1697533	38.048	ng	100
32) Benzoic acid	7.89	122	310231	31.915	ng	99
33) 4-Chloroaniline	8.19	127	737589	37.302	ng	99
34) Hexachlorobutadiene	8.26	225	320727	36.442	ng	98
35) Caprolactam	8.56	113	165664	38.663	ng	96
36) 4-Chloro-3-methylphenol	8.67	107	517036	38.518	ng	99
37) 2-Methylnaphthalene	8.83	142	1155599	39.104	ng	99
38) 1-Methylnaphthalene	8.93	142	1088147	39.009	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	554406	40.229	ng	100

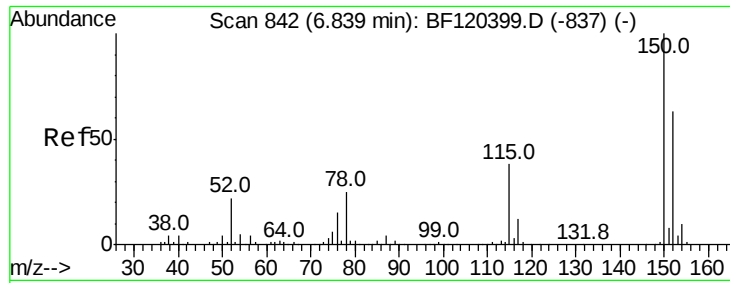
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052820\
 Data File : BF120404.D
 Acq On : 28 May 2020 13:15
 Operator : MA/SJ
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF052820

Quant Time: May 28 13:52:50 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 28 13:47:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	329138	42.793	ng	98
43) 2,4,6-Trichlorophenol	9.11	196	378067	37.932	ng	99
44) 2,4,5-Trichlorophenol	9.15	196	392602	34.750	ng	99
46) 1,1'-Biphenyl	9.30	154	1440794	40.813	ng	99
47) 2-Chloronaphthalene	9.32	162	1083587	37.276	ng	97
48) 2-Nitroaniline	9.42	65	335632	37.907	ng	98
49) Acenaphthylene	9.74	152	1739410	38.721	ng	100
50) Dimethylphthalate	9.60	163	1248105	37.150	ng	99
51) 2,6-Dinitrotoluene	9.66	165	284949	38.165	ng	97
52) Acenaphthene	9.91	154	1041766	37.158	ng	100
53) 3-Nitroaniline	9.83	138	315142	35.945	ng	97
54) 2,4-Dinitrophenol	9.93	184	94701	36.110	ng	98
55) Dibenzofuran	10.08	168	1541035	37.824	ng	100
56) 4-Nitrophenol	9.97	139	255602	38.080	ng	99
57) 2,4-Dinitrotoluene	10.06	165	373158	39.052	ng	99
58) Fluorene	10.43	166	1101883	36.040	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	334547	38.000	ng	97
60) Diethylphthalate	10.30	149	1272161	37.472	ng	100
61) 4-Chlorophenyl-phenylether	10.42	204	557653	33.642	ng	100
62) 4-Nitroaniline	10.44	138	306971	37.087	ng	100
63) Azobenzene	10.58	77	1205171	37.740	ng	99
65) 4,6-Dinitro-2-methylphenol	10.46	198	150101	40.551	ng	99
66) n-Nitrosodiphenylamine	10.53	169	1074149	38.104	ng	100
67) 4-Bromophenyl-phenylether	10.91	248	375566	36.663	ng	99
68) Hexachlorobenzene	10.97	284	410763	37.653	ng	99
69) Atrazine	11.06	200	327142	41.173	ng	98
70) Pentachlorophenol	11.16	266	257884	38.664	ng	98
71) Phenanthrene	11.39	178	1701517	38.051	ng	99
72) Anthracene	11.44	178	1764677	39.332	ng	100
73) Carbazole	11.59	167	1625872	37.467	ng	99
74) Di-n-butylphthalate	11.93	149	1928433	38.202	ng	100
75) Fluoranthene	12.57	202	1869736	38.859	ng	99
77) Benzidine	12.69	184	902745	46.748	ng	98
78) Pyrene	12.80	202	1907837	37.326	ng	100
80) Butylbenzylphthalate	13.42	149	800534	37.517	ng	99
81) Benzo(a)anthracene	13.99	228	1488803	37.797	ng	99
82) 3,3'-Dichlorobenzidine	13.95	252	597061	41.751	ng	98
83) Chrysene	14.02	228	1551517	37.571	ng	99
84) Bis(2-ethylhexyl)phthalate	13.98	149	953104	38.051	ng	100
85) Di-n-octyl phthalate	14.59	149	1671857	38.574	ng	100
87) Indeno(1,2,3-cd)pyrene	16.88	276	1304760	35.037	ng	100
88) Benzo(b)fluoranthene	15.02	252	1436296	37.979	ng	98
89) Benzo(k)fluoranthene	15.06	252	1308368	37.059	ng	100
90) Benzo(a)pyrene	15.38	252	1203613	36.386	ng	98
91) Dibenzo(a,h)anthracene	16.90	278	1086196	35.776	ng	99
92) Benzo(g,h,i)perylene	17.32	276	1059418	35.379	ng	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

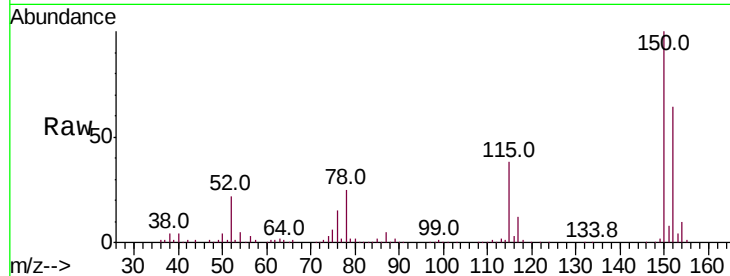


#1

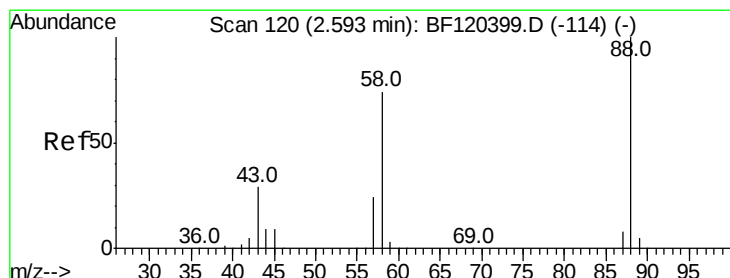
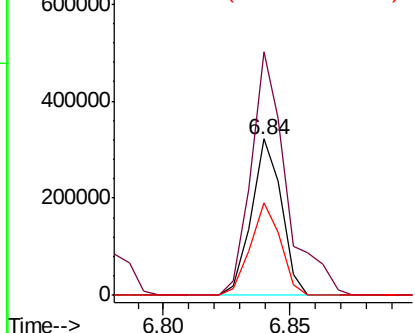
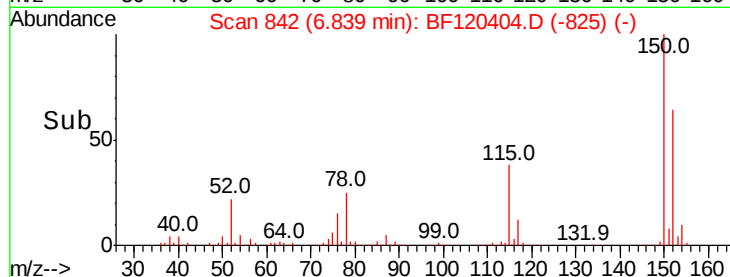
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.84 min Scan# 842
 Delta R.T. 0.00 min
 Lab File: BF120404.D
 Acq: 28 May 2020 13:15

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF052820

Tot Ion:152 Resp: 267471
 Ion Ratio Lower Upper
 152 100
 150 155.8 126.5 189.7
 115 59.1 47.6 71.4



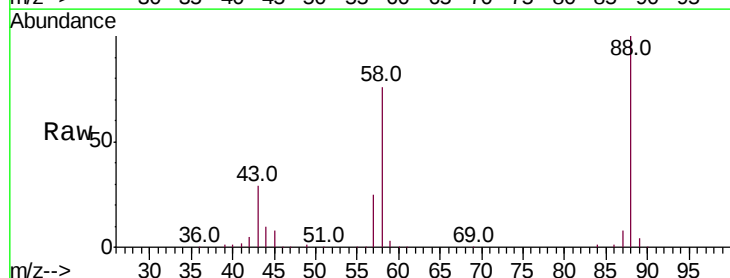
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



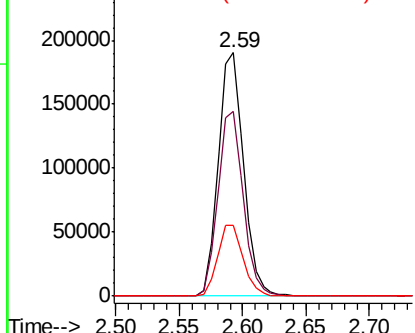
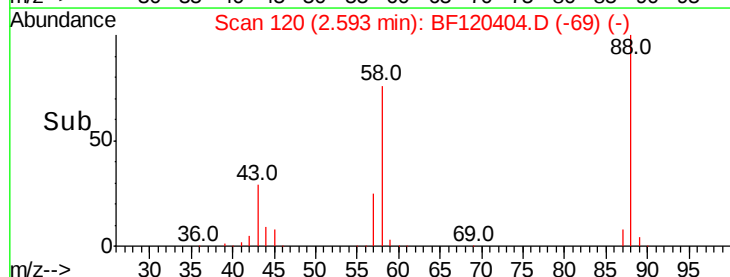
#2

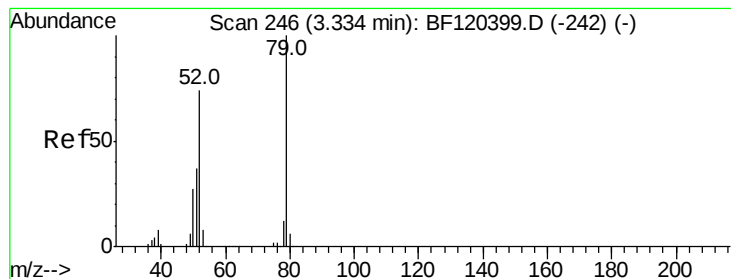
1,4-Dioxane
 Concen: 38.159 ng
 RT: 2.59 min Scan# 120
 Delta R.T. 0.00 min
 Lab File: BF120404.D
 Acq: 28 May 2020 13:15

Tgt Ion: 88 Resp: 265292
 Ion Ratio Lower Upper
 88 100
 58 75.9 61.0 91.4
 43 29.6 23.6 35.4



Abundance Ion 88.00 (87.70 to 88.70): BF1
 Ion 58.00 (57.70 to 58.70): BF1
 Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 31.512 ng

RT: 3.33 min Scan# 246

Delta R.T. 0.00 min

Lab File: BF120404.D

Acq: 28 May 2020 13:15

Instrument :

BNA_F

ClientSampleId :

ICVBF052820

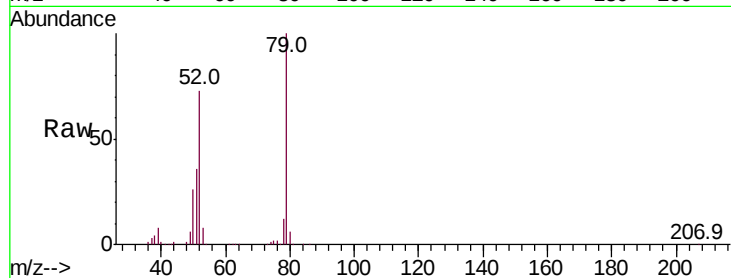
Tot Ion: 79 Resp: 606765

Ion Ratio Lower Upper

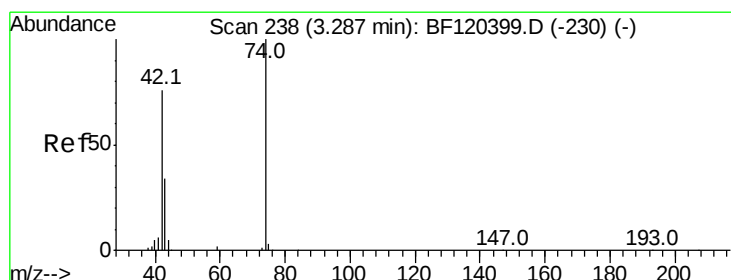
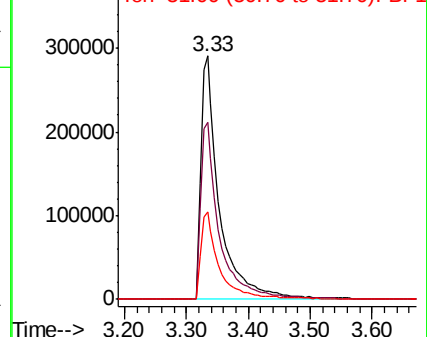
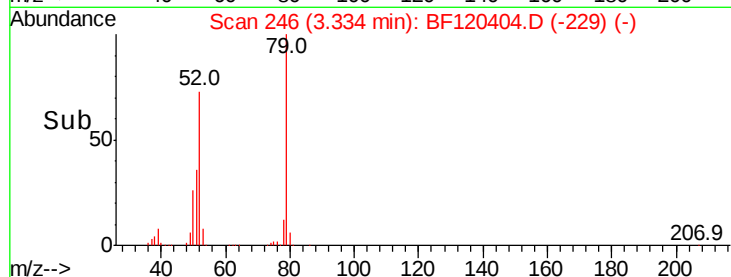
79 100

52 72.7 59.2 88.8

51 35.7 29.4 44.2



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 38.062 ng

RT: 3.29 min Scan# 238

Delta R.T. 0.00 min

Lab File: BF120404.D

Acq: 28 May 2020 13:15

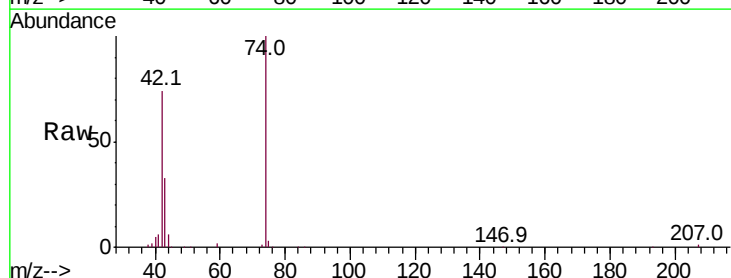
Tgt Ion: 42 Resp: 310150

Ion Ratio Lower Upper

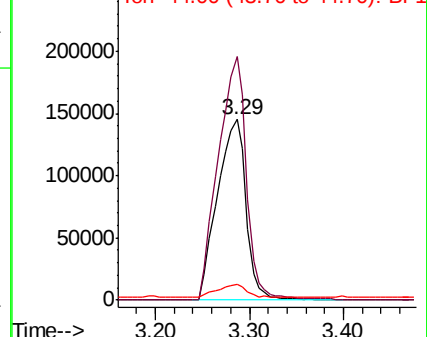
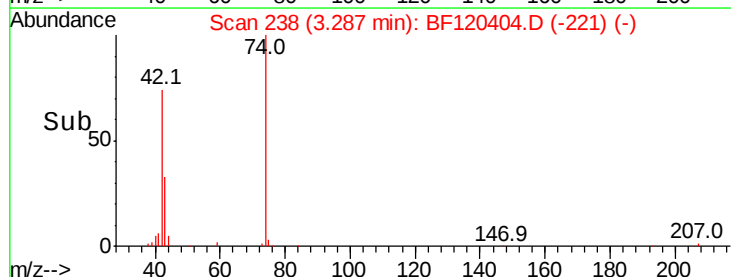
42 100

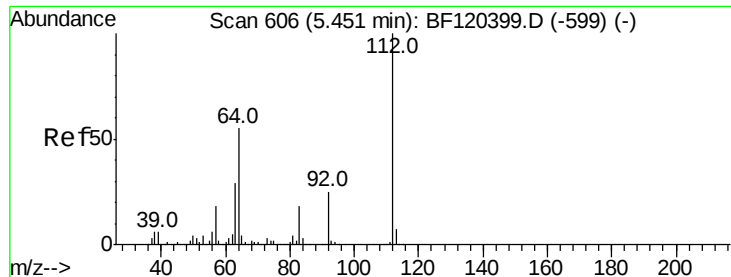
74 134.7 104.8 157.2

44 8.6 7.0 10.4



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 75.594 ng

RT: 5.45 min Scan# 606

Delta R.T. 0.00 min

Lab File: BF120404.D

Acq: 28 May 2020 13:15

Instrument :

BNA_F

ClientSampleId :

ICVBF052820

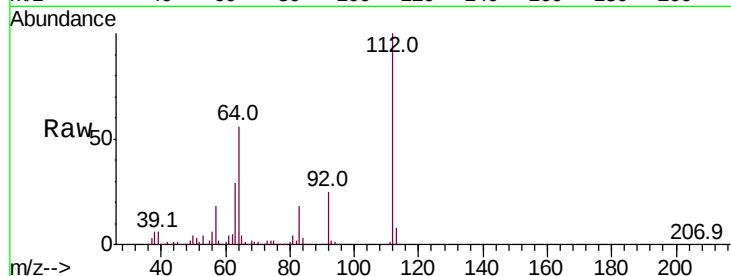
Tot Ion:112 Resp: 1060960

Ion Ratio Lower Upper

112 100

64 56.0 44.3 66.5

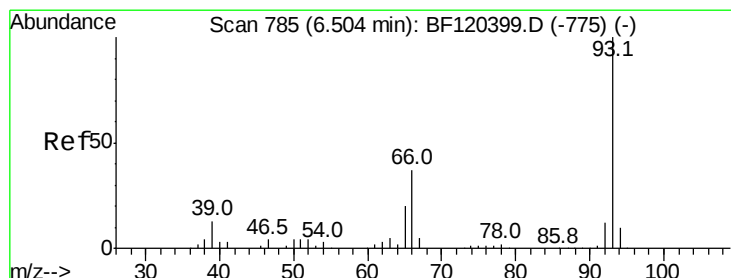
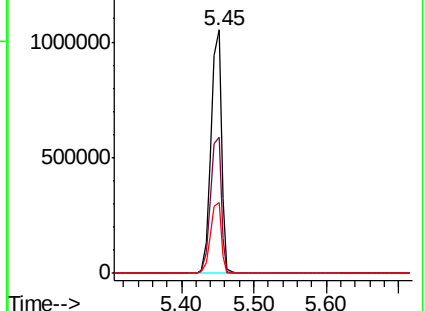
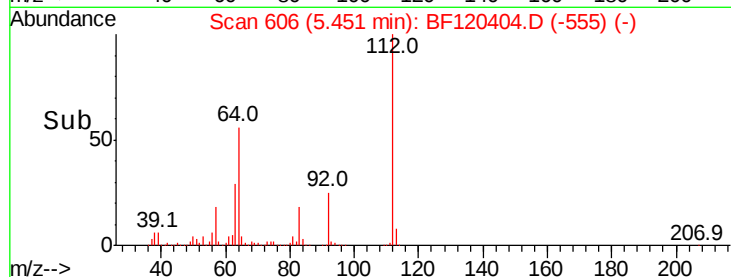
63 28.8 22.9 34.3



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 39.410 ng

RT: 6.50 min Scan# 785

Delta R.T. 0.00 min

Lab File: BF120404.D

Acq: 28 May 2020 13:15

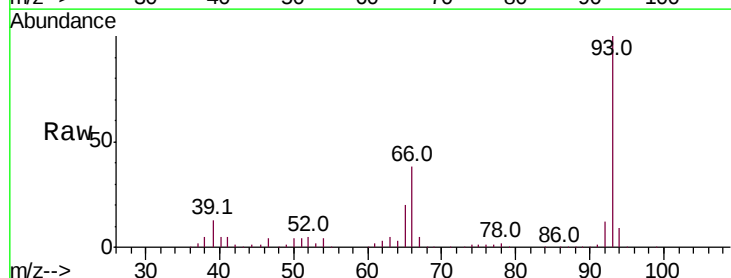
Tgt Ion: 93 Resp: 950599

Ion Ratio Lower Upper

93 100

66 38.0 30.4 45.6

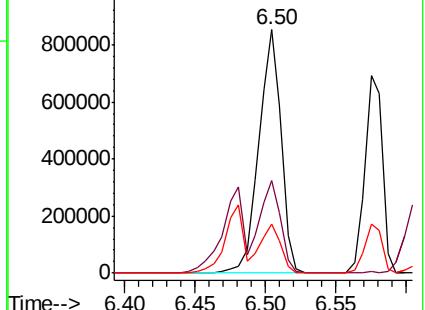
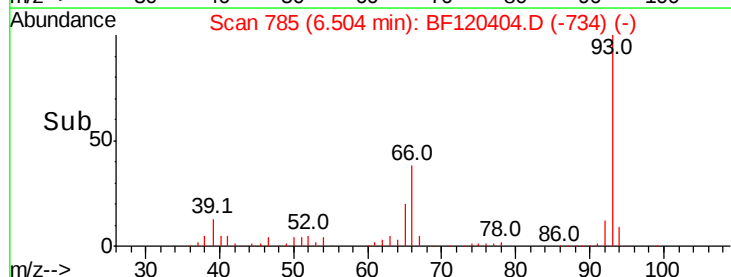
65 20.0 16.3 24.5

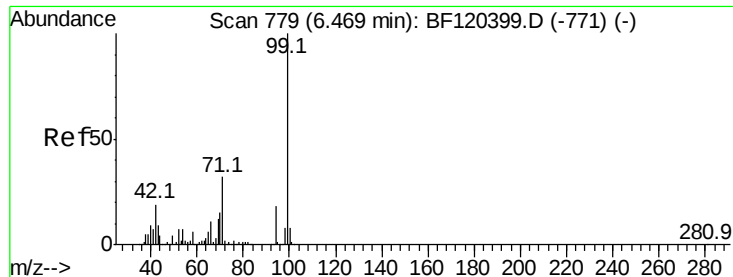


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 77.538 ng

RT: 6.46 min Scan# 778

Delta R.T. -0.01 min

Lab File: BF120404.D

Acq: 28 May 2020 13:15

Instrument :

BNA_F

ClientSampleId :

ICVBF052820

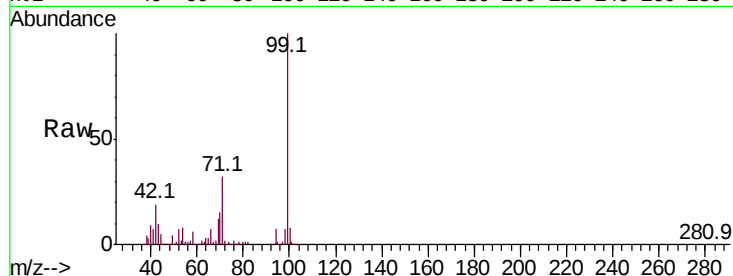
Tot Ion: 99 Resp: 1341329

Ion Ratio Lower Upper

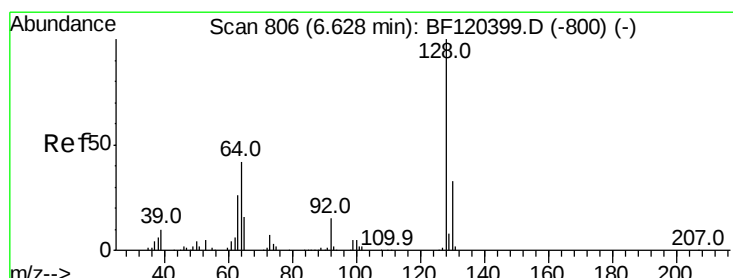
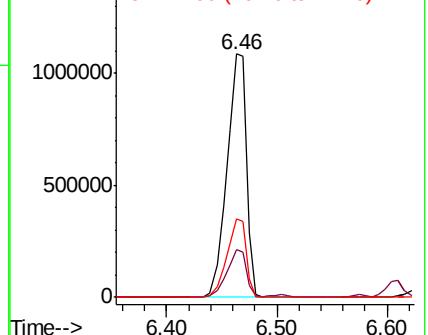
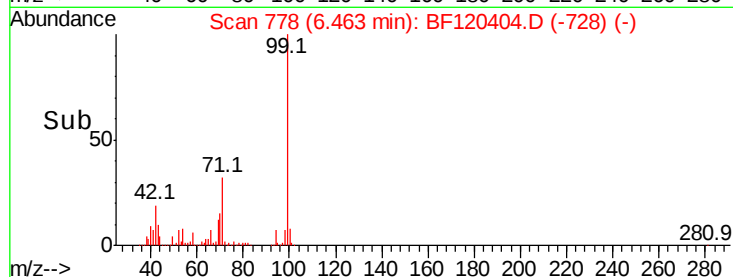
99 100

42 19.4 15.2 22.8

71 32.3 25.6 38.4



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 38.527 ng

RT: 6.63 min Scan# 806

Delta R.T. 0.00 min

Lab File: BF120404.D

Acq: 28 May 2020 13:15

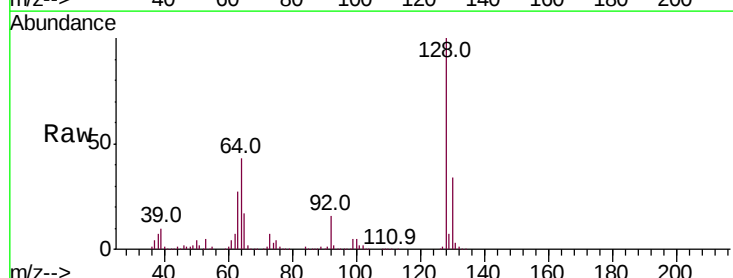
Tgt Ion: 128 Resp: 609701

Ion Ratio Lower Upper

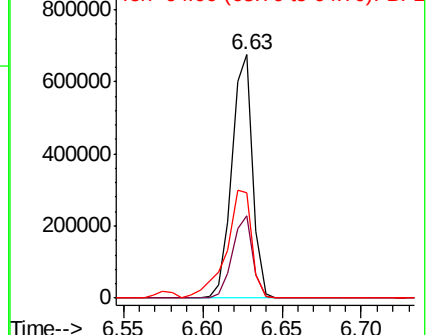
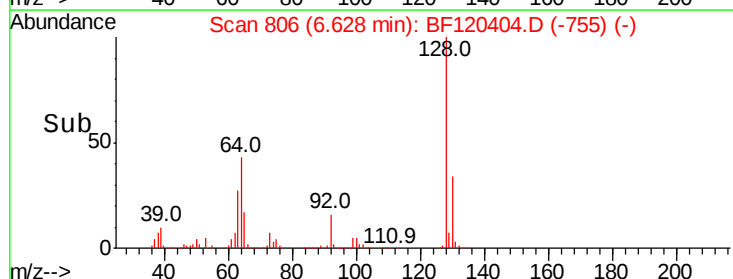
128 100

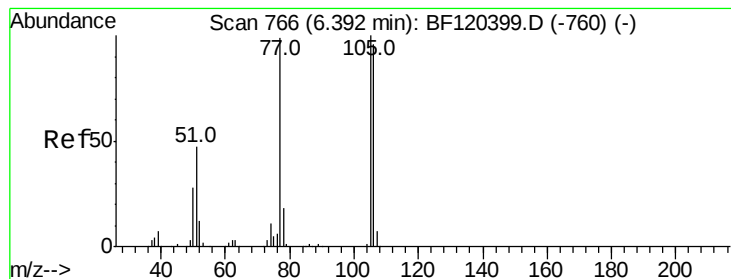
130 33.8 12.9 52.9

64 43.5 23.2 63.2



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 46.970 ng

RT: 6.39 min Scan# 766

Delta R.T. 0.00 min

Lab File: BF120404.D

Acq: 28 May 2020 13:15

Instrument :

BNA_F

ClientSampleId :

ICVBF052820

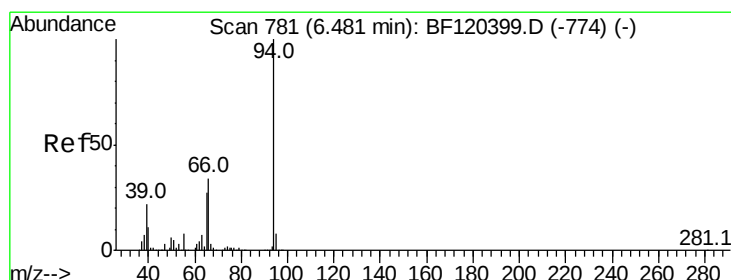
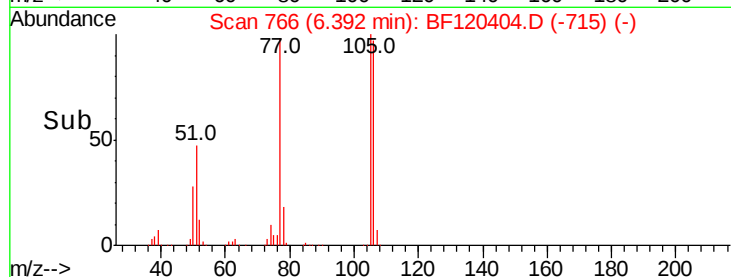
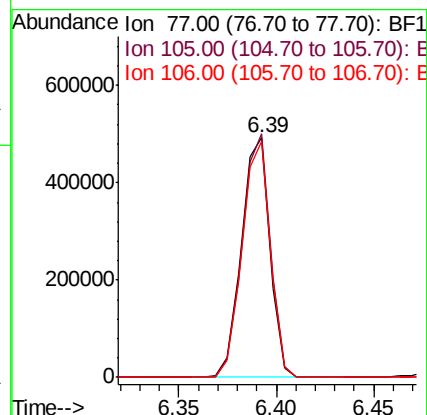
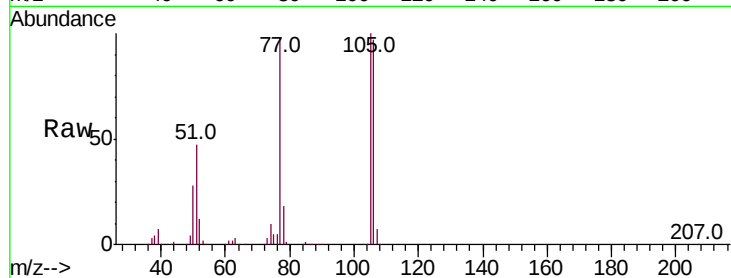
Tot Ion: 77 Resp: 495218

Ion Ratio Lower Upper

77 100

105 101.6 81.5 121.5

106 98.4 77.4 117.4



#10

Phenol

Concen: 41.966 ng

RT: 6.48 min Scan# 781

Delta R.T. 0.00 min

Lab File: BF120404.D

Acq: 28 May 2020 13:15

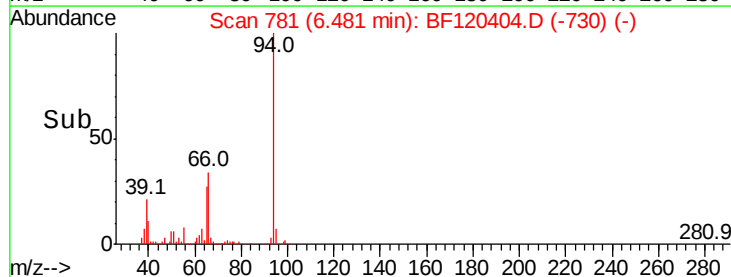
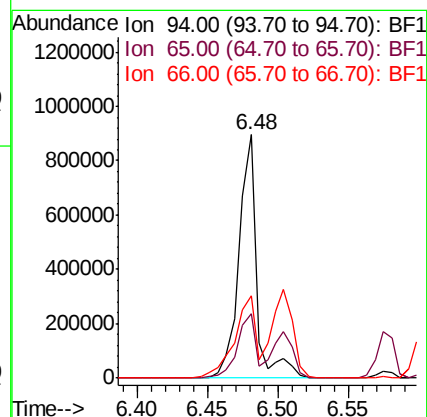
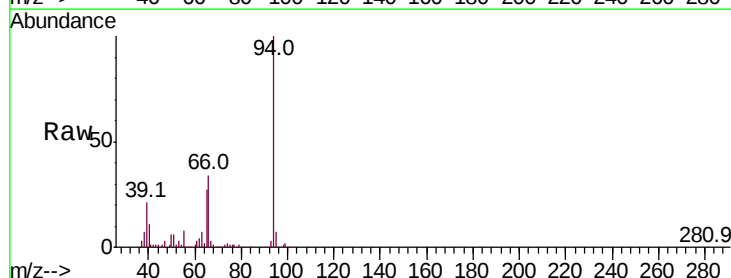
Tgt Ion: 94 Resp: 793893

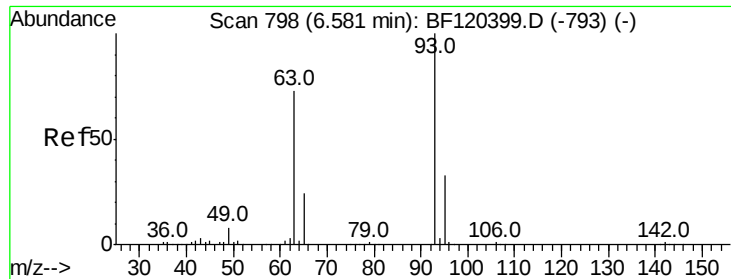
Ion Ratio Lower Upper

94 100

65 26.7 6.8 46.8

66 33.6 13.9 53.9





#11

bis(2-Chloroethyl)ether

Concen: 37.631 ng

RT: 6.57 min Scan# 797

Delta R.T. -0.01 min

Lab File: BF120404.D

Acq: 28 May 2020 13:15

Instrument :

BNA_F

ClientSampleId :

ICVBF052820

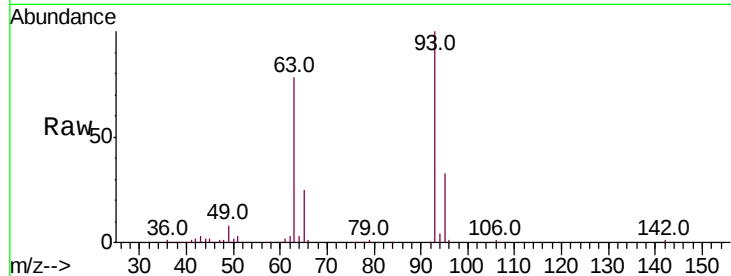
Tot Ion: 93 Resp: 594877

Ion Ratio Lower Upper

93 100

63 77.7 52.8 92.8

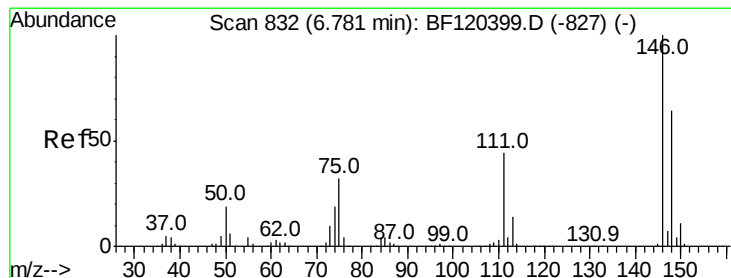
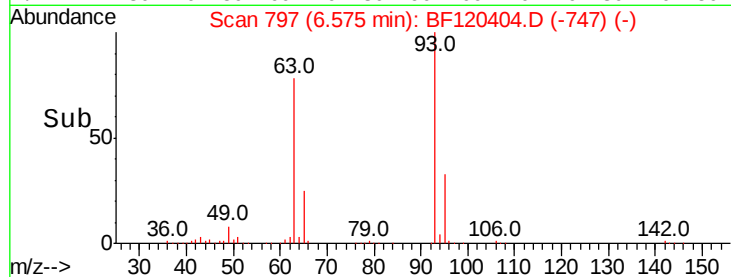
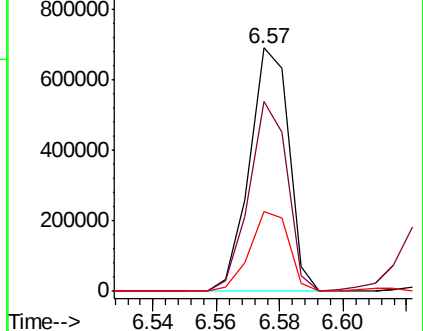
95 32.5 12.6 52.6



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 37.546 ng

RT: 6.78 min Scan# 832

Delta R.T. 0.00 min

Lab File: BF120404.D

Acq: 28 May 2020 13:15

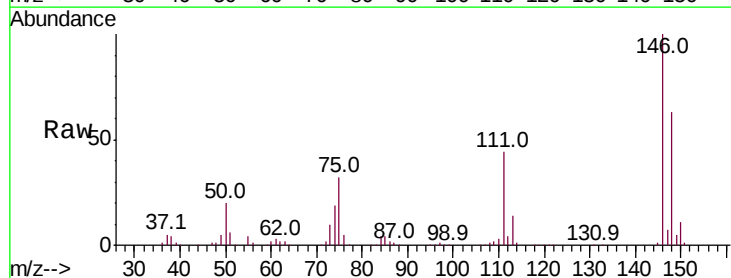
Tgt Ion: 146 Resp: 652784

Ion Ratio Lower Upper

146 100

148 63.4 51.2 76.8

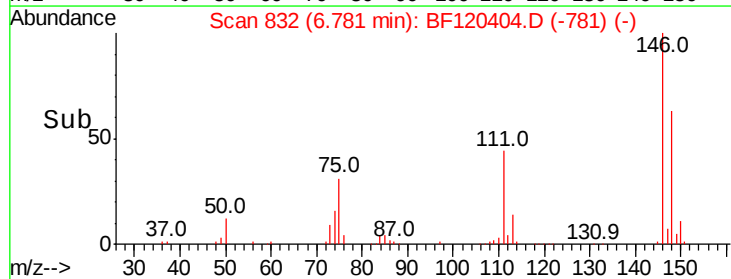
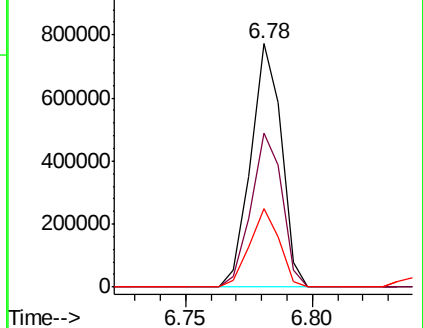
75 32.3 25.9 38.9

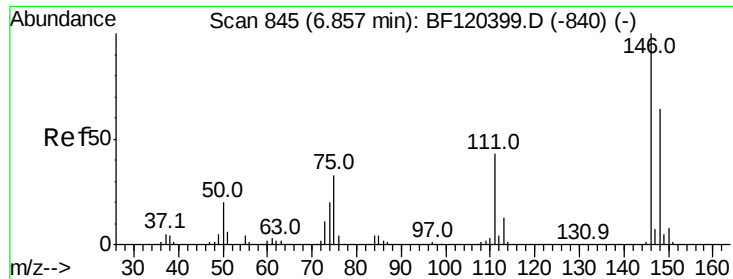


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

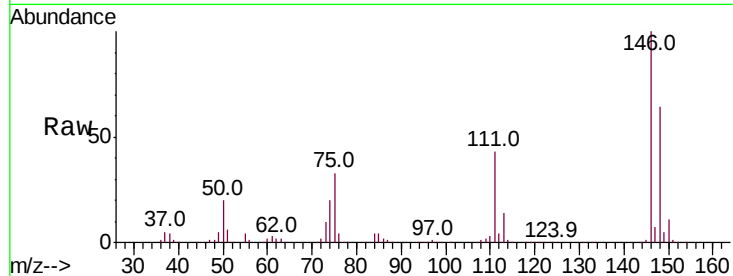




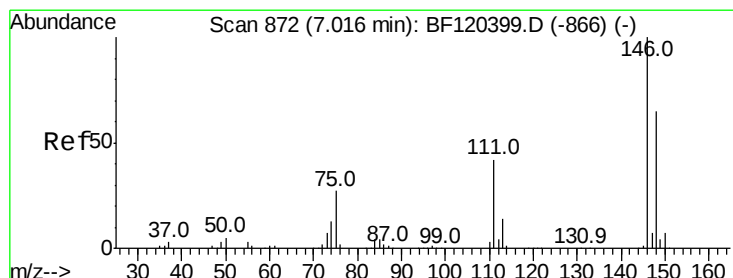
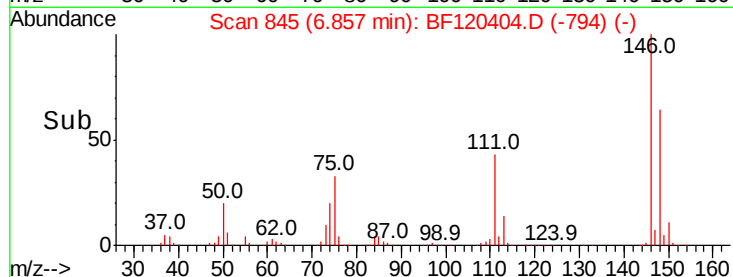
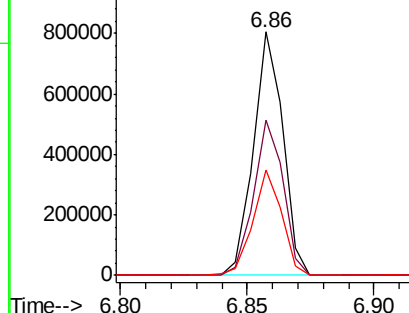
#13
 1,4-Dichlorobenzene
 Concen: 37.642 ng
 RT: 6.86 min Scan# 845
 Delta R.T. 0.00 min
 Lab File: BF120404.D
 Acq: 28 May 2020 13:15

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF052820

Tot Ion:146 Resp: 652955
 Ion Ratio Lower Upper
 146 100
 148 63.7 51.4 77.0
 111 43.0 34.2 51.4

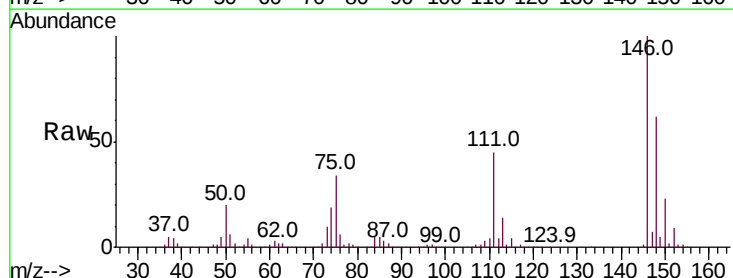


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

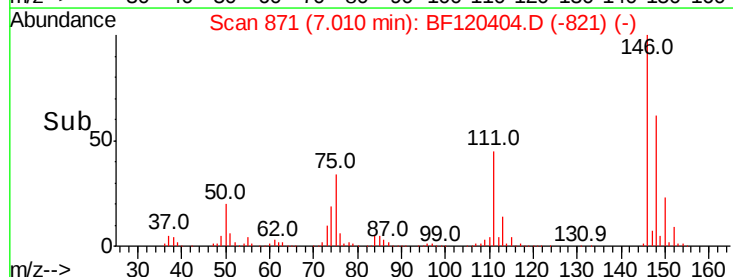
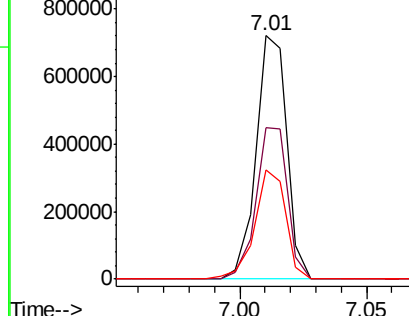


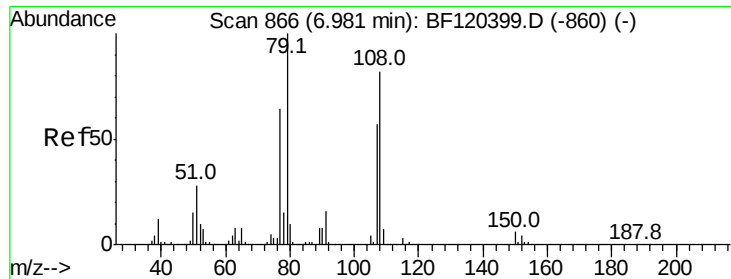
#14
 1,2-Dichlorobenzene
 Concen: 38.051 ng
 RT: 7.01 min Scan# 871
 Delta R.T. -0.01 min
 Lab File: BF120404.D
 Acq: 28 May 2020 13:15

Tgt Ion:146 Resp: 609651
 Ion Ratio Lower Upper
 146 100
 148 62.2 52.3 78.5
 111 44.9 33.9 50.9



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 38.691 ng

RT: 6.98 min Scan# 866

Delta R.T. 0.00 min

Lab File: BF120404.D

Acq: 28 May 2020 13:15

Instrument :

BNA_F

ClientSampleId :

ICVBF052820

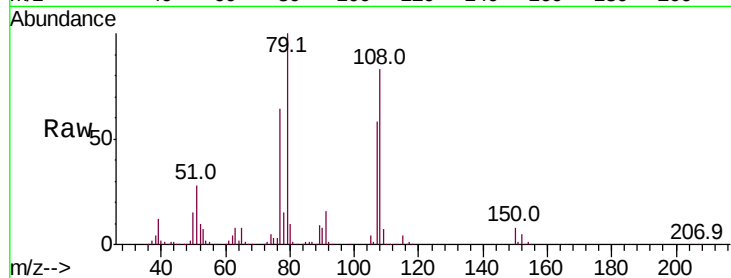
Tot Ion: 79 Resp: 504547

Ion Ratio Lower Upper

79 100

108 83.4 65.8 98.8

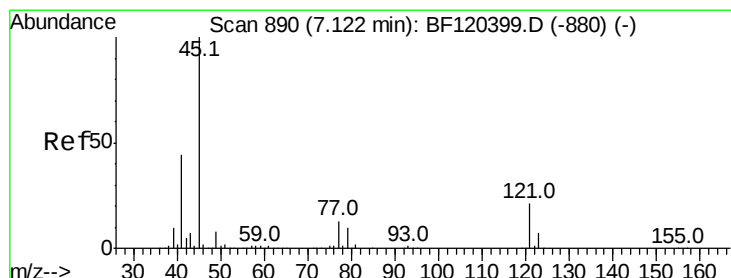
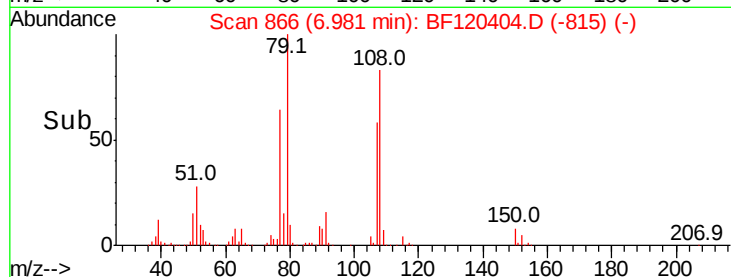
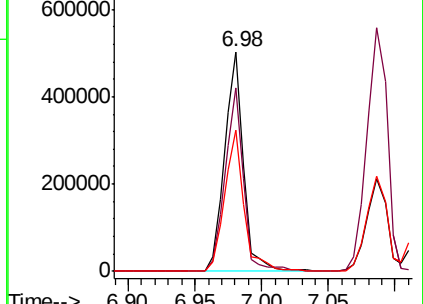
77 64.4 51.5 77.3



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 36.544 ng

RT: 7.12 min Scan# 889

Delta R.T. -0.01 min

Lab File: BF120404.D

Acq: 28 May 2020 13:15

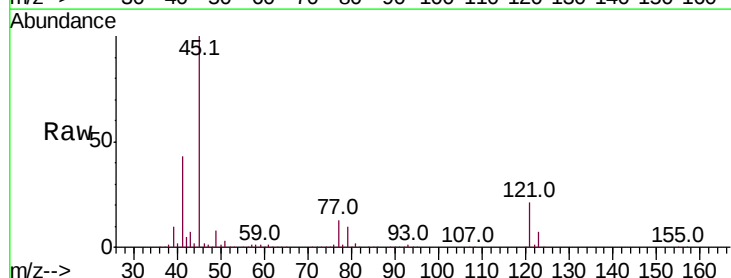
Tgt Ion: 45 Resp: 910741

Ion Ratio Lower Upper

45 100

77 13.1 0.0 33.5

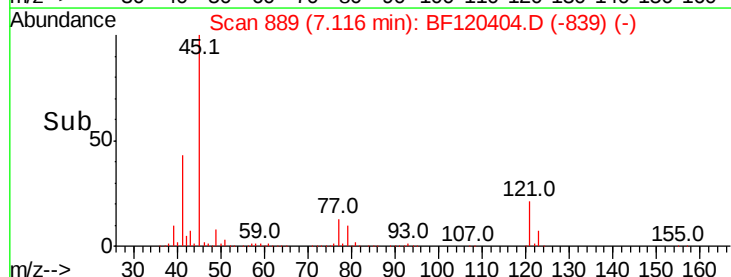
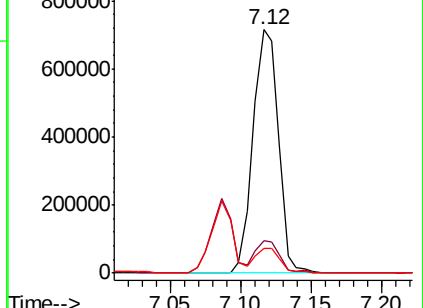
79 10.2 0.0 30.3

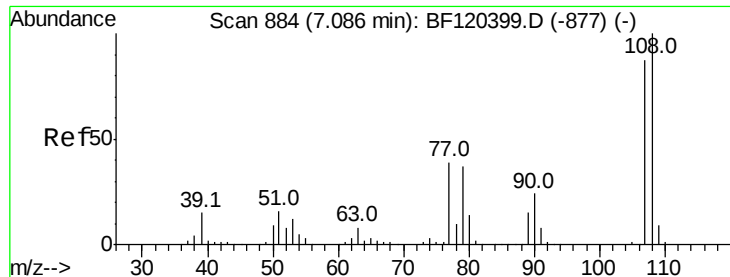


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

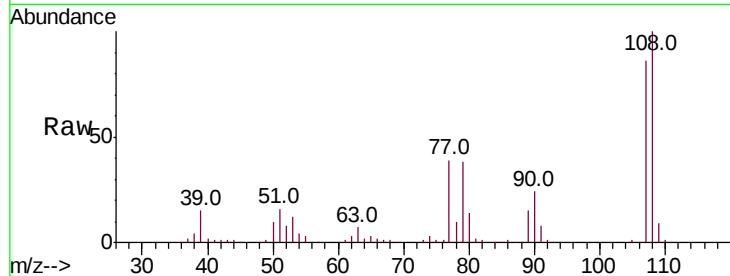




#17
2-Methylphenol
Concen: 35.466 ng
RT: 7.09 min Scan# 884
Delta R.T. 0.00 min
Lab File: BF120404.D
Acq: 28 May 2020 13:15

Instrument :
BNA_F
ClientSampleId :
ICVBF052820

Tot Ion:	107	Resp:	501890
Ion	Ratio	Lower	Upper
107	100		
108	116.1	92.3	138.5
77	45.3	35.7	53.5
79	44.1	34.1	51.1



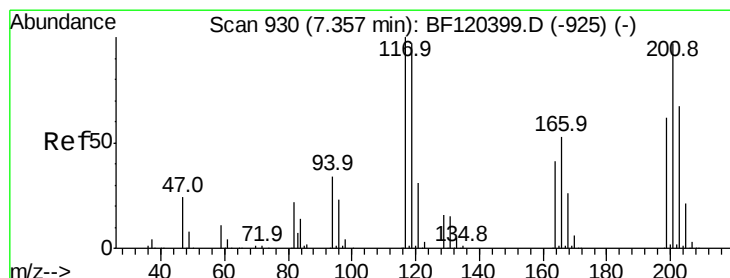
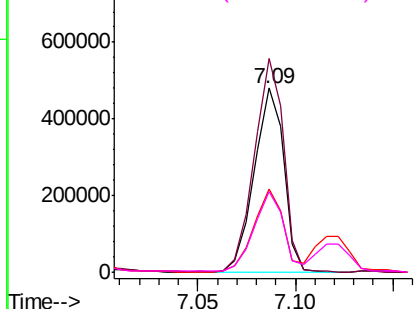
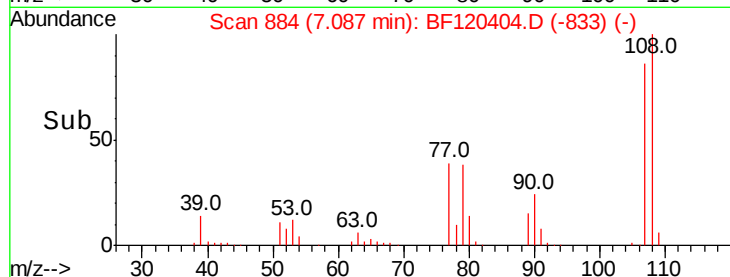
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

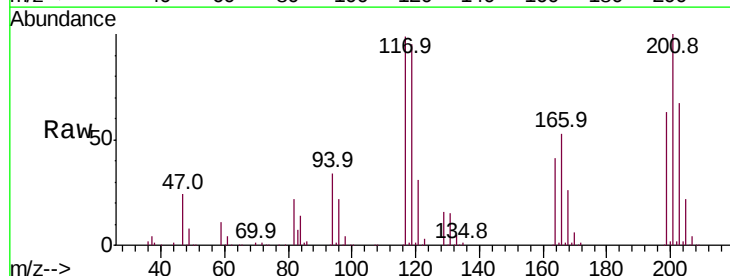
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 38.113 ng
RT: 7.36 min Scan# 930
Delta R.T. 0.00 min
Lab File: BF120404.D
Acq: 28 May 2020 13:15

Tgt Ion:	117	Resp:	242006
Ion	Ratio	Lower	Upper
117	100		
119	96.3	77.4	116.2
201	101.0	77.7	116.5

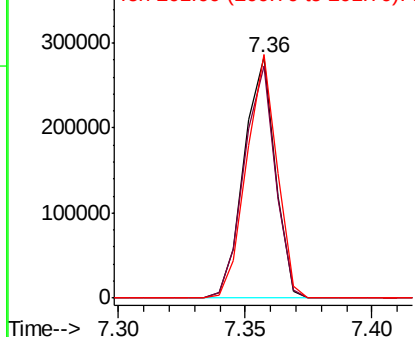
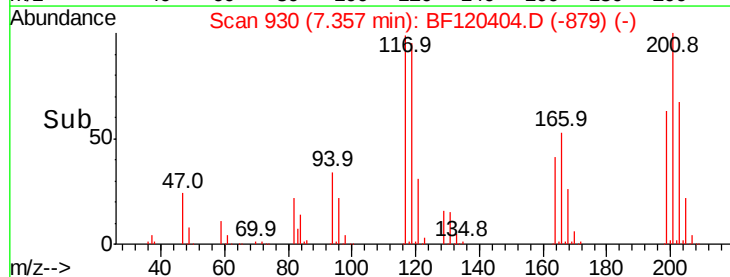


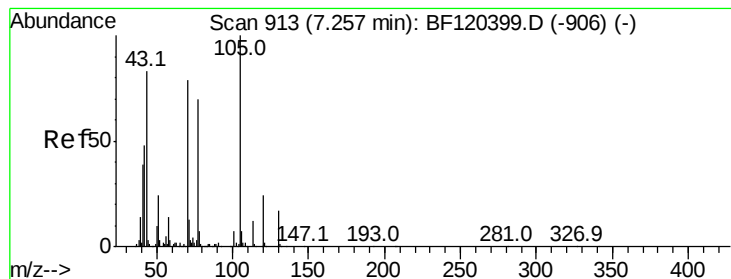
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 37.421 ng

RT: 7.26 min Scan# 913

Delta R.T. 0.00 min

Lab File: BF120404.D

Acq: 28 May 2020 13:15

Instrument :

BNA_F

ClientSampleId :

ICVBF052820

Tot Ion: 70 Resp: 411499

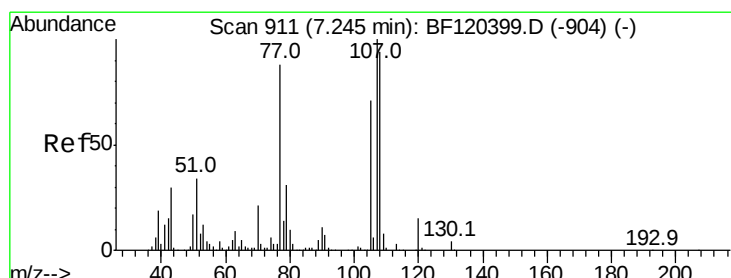
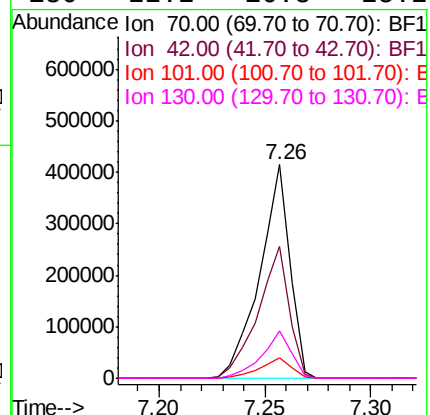
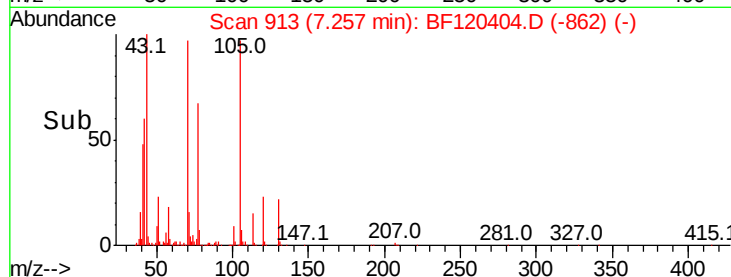
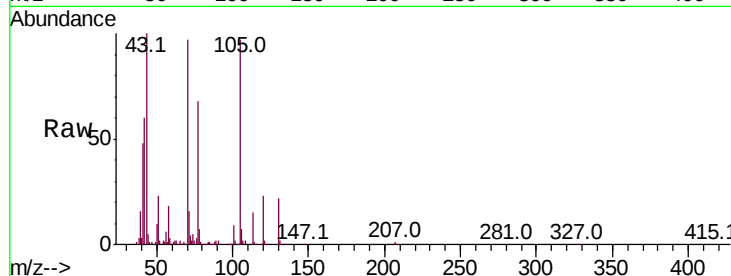
Ion Ratio Lower Upper

70 100

42 61.5 48.9 73.3

101 9.6 7.4 11.2

130 22.2 16.8 25.2



#20

3+4-Methylphenols

Concen: 32.575 ng

RT: 7.24 min Scan# 910

Delta R.T. -0.01 min

Lab File: BF120404.D

Acq: 28 May 2020 13:15

Tgt Ion: 107 Resp: 582356

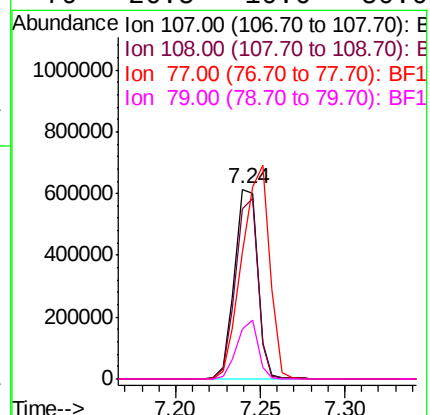
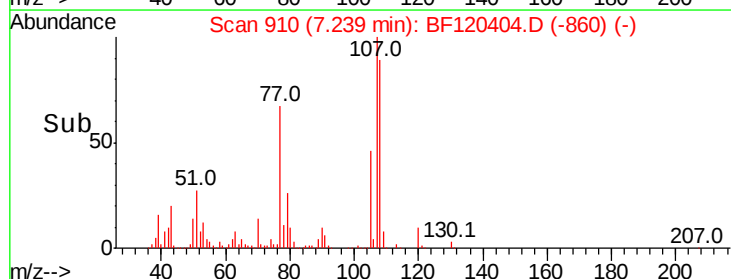
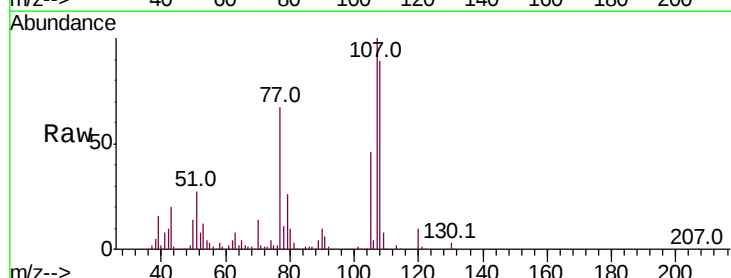
Ion Ratio Lower Upper

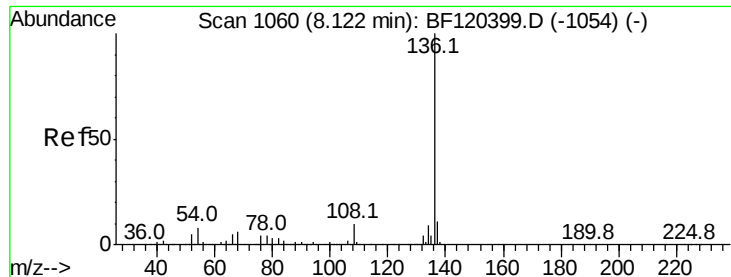
107 100

108 89.4 74.4 114.4

77 66.9 67.6 107.6#

79 26.5 10.6 50.6

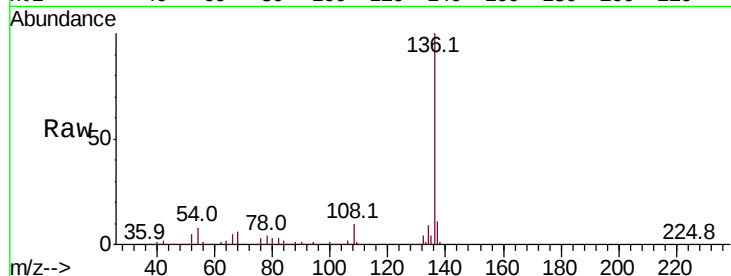




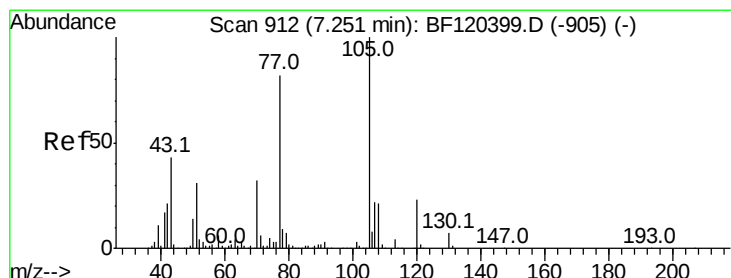
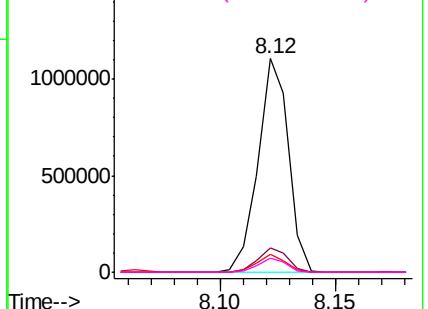
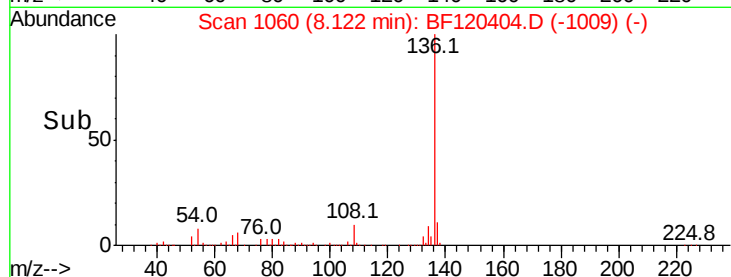
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1060
Delta R.T. 0.00 min
Lab File: BF120404.D
Acq: 28 May 2020 13:15

Instrument :
BNA_F
ClientSampleId :
ICVBF052820

Tot Ion:136	Resp: 1015892
Ion Ratio	Lower Upper
136 100	
137 11.3	9.1 13.7
54 8.4	6.7 10.1
68 6.3	5.0 7.4

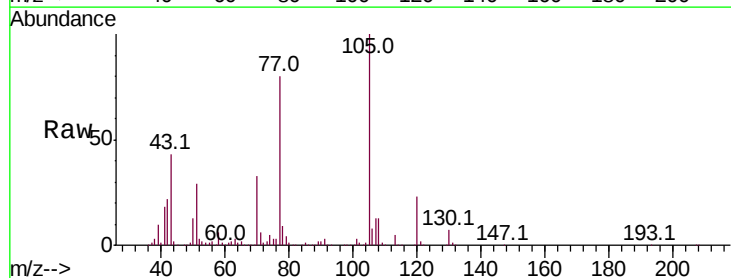


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

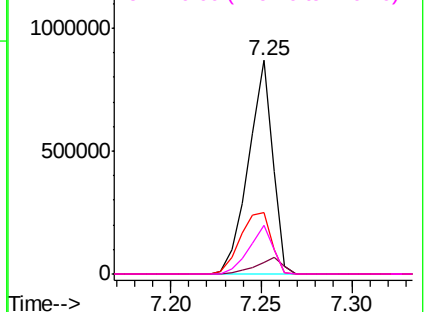
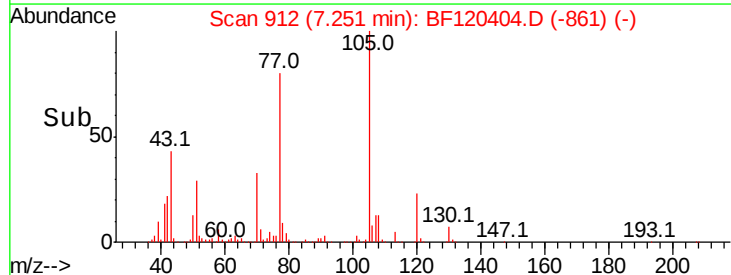


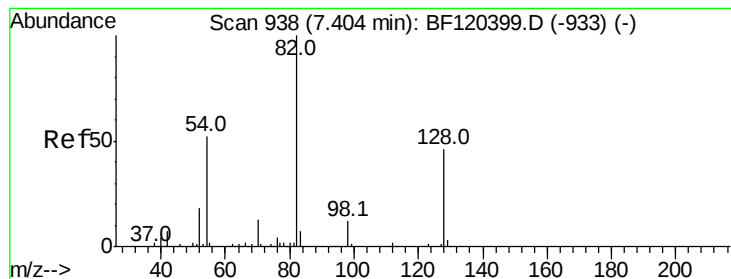
#22
Acetophenone
Concen: 39.081 ng
RT: 7.25 min Scan# 912
Delta R.T. 0.00 min
Lab File: BF120404.D
Acq: 28 May 2020 13:15

Tgt	Ion:105	Resp:	806331
Ion	Ratio	Lower	Upper
105	100		
71	5.6	4.4	6.6
51	28.7	24.5	36.7
120	22.6	18.2	27.2



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 77.857 ng

RT: 7.40 min Scan# 938

Delta R.T. 0.00 min

Lab File: BF120404.D

Acq: 28 May 2020 13:15

Instrument :

BNA_F

ClientSampled :

ICVBF052820

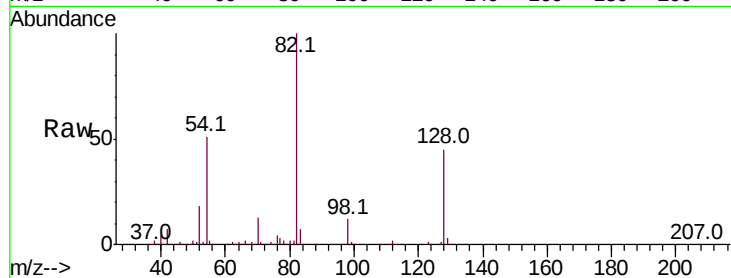
Tot Ion: 82 Resp: 1209155

Ion Ratio Lower Upper

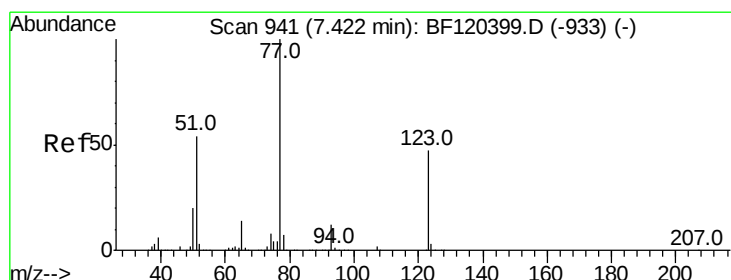
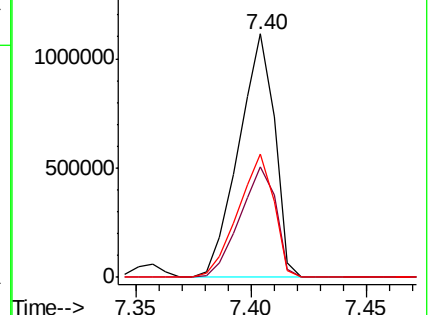
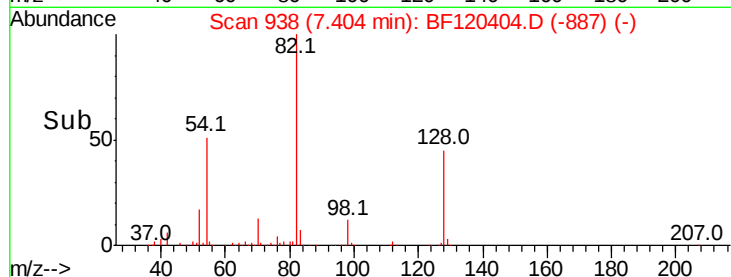
82 100

128 45.1 36.8 55.2

54 50.9 41.6 62.4



Abundance Ion 82.00 (81.70 to 82.70): BF1
1500000
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 38.247 ng

RT: 7.42 min Scan# 941

Delta R.T. 0.00 min

Lab File: BF120404.D

Acq: 28 May 2020 13:15

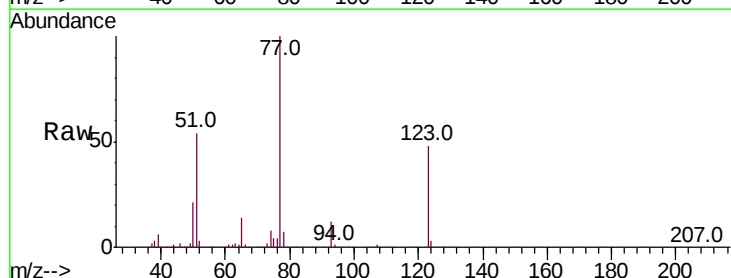
Tgt Ion: 77 Resp: 639860

Ion Ratio Lower Upper

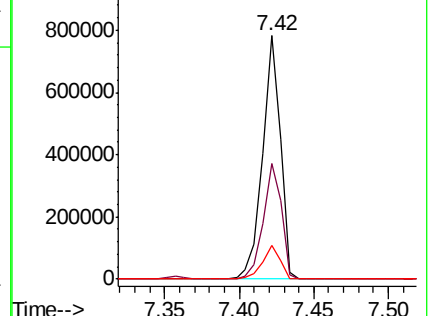
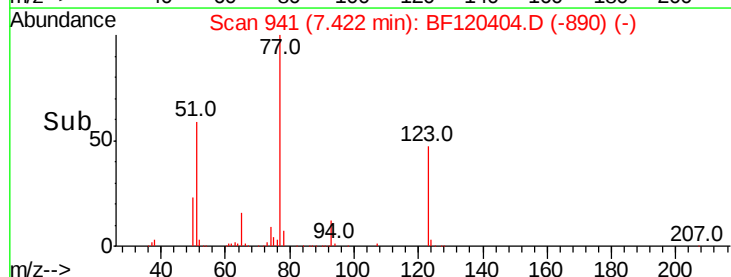
77 100

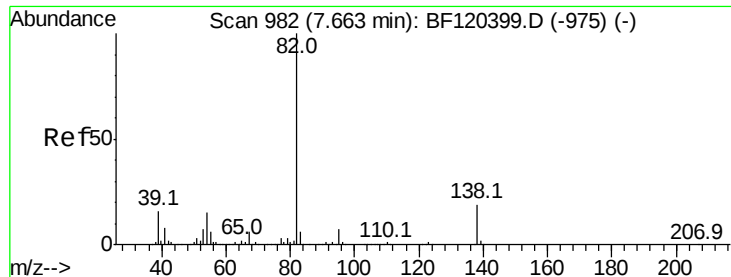
123 47.6 37.8 56.6

65 13.8 11.3 16.9



Abundance Ion 77.00 (76.70 to 77.70): BF1
1000000
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 37.284 ng

RT: 7.66 min Scan# 982

Delta R.T. 0.00 min

Lab File: BF120404.D

Acq: 28 May 2020 13:15

Instrument :

BNA_F

ClientSampleId :

ICVBF052820

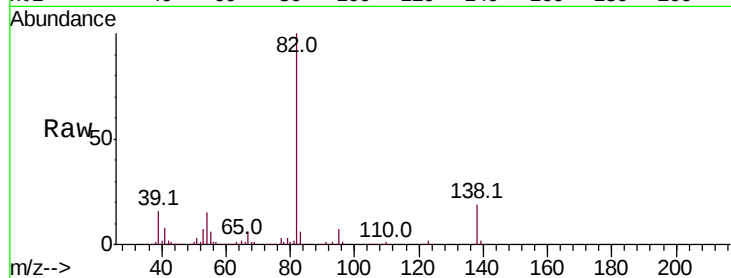
Tot Ion: 82 Resp: 1163791

Ion Ratio Lower Upper

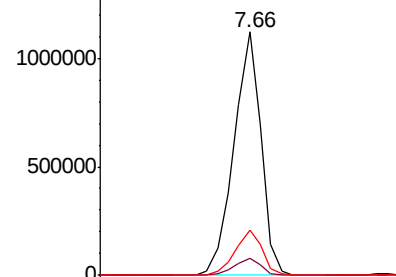
82 100

95 6.8 5.6 8.4

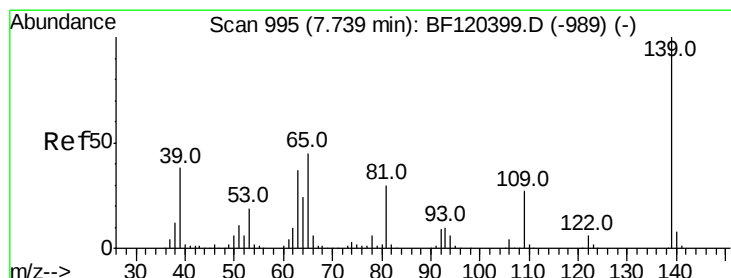
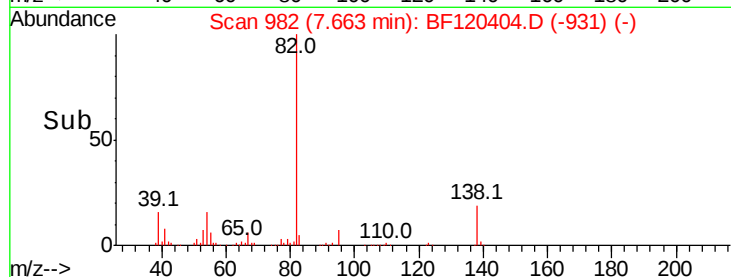
138 18.6 15.0 22.4



Abundance Ion 82.00 (81.70 to 82.70): BF1
1500000
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



Time-->



#26

2-Nitrophenol

Concen: 40.480 ng

RT: 7.74 min Scan# 995

Delta R.T. 0.00 min

Lab File: BF120404.D

Acq: 28 May 2020 13:15

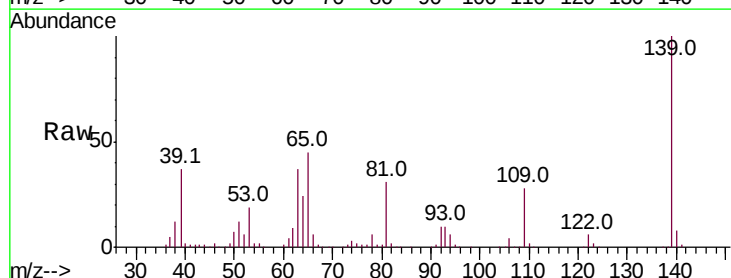
Tgt Ion: 139 Resp: 305336

Ion Ratio Lower Upper

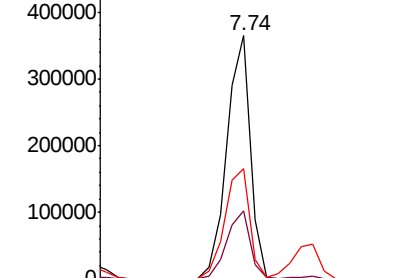
139 100

109 27.9 21.2 31.8

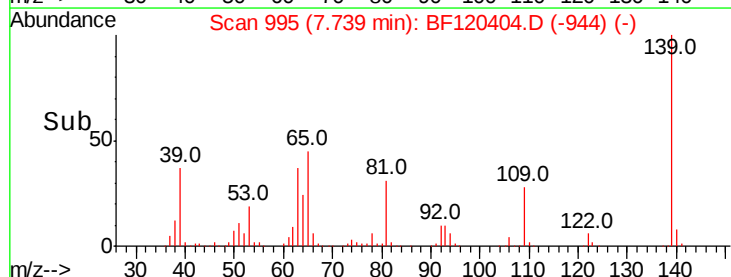
65 45.3 35.8 53.6

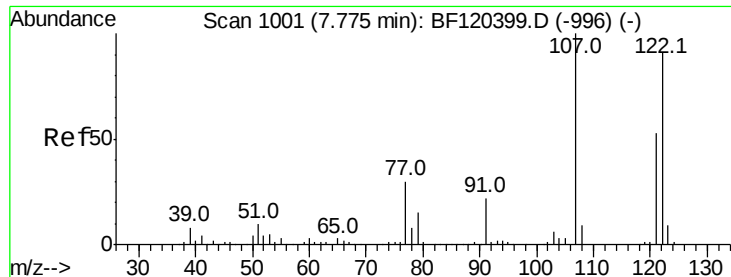


Abundance Ion 139.00 (138.70 to 139.70): E
500000
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1



Time-->

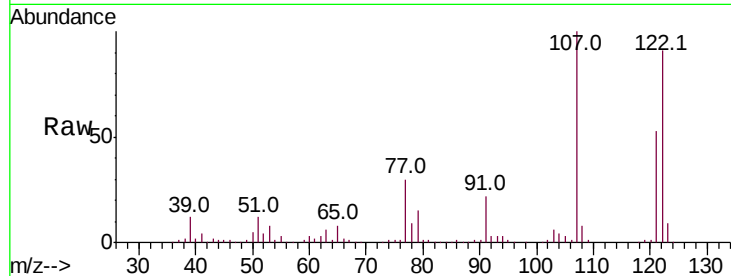




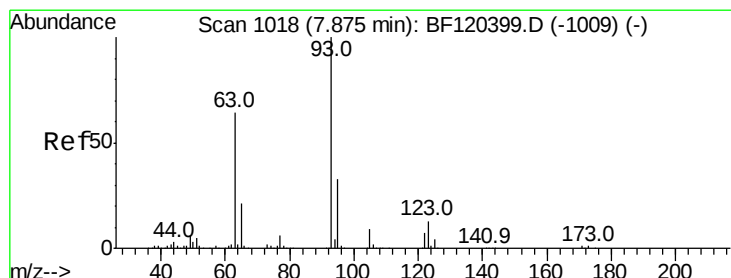
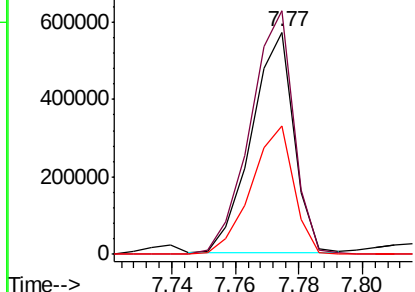
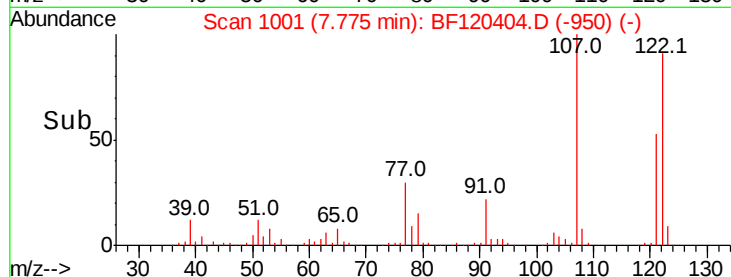
#27
 2,4-Dimethylphenol
 Concen: 40.498 ng
 RT: 7.77 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: BF120404.D
 Acq: 28 May 2020 13:15

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF052820

Tot Ion:122 Resp: 530484
 Ion Ratio Lower Upper
 122 100
 107 109.6 87.3 130.9
 121 57.7 46.2 69.2

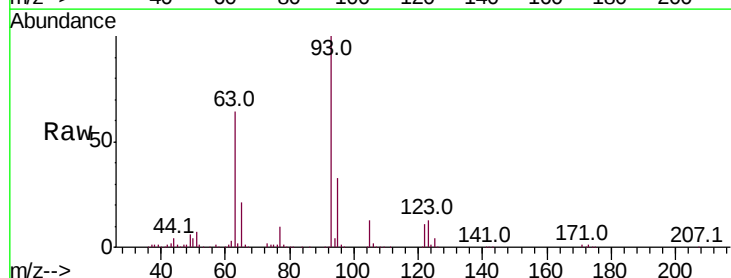


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

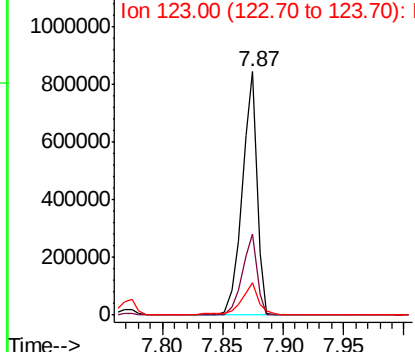
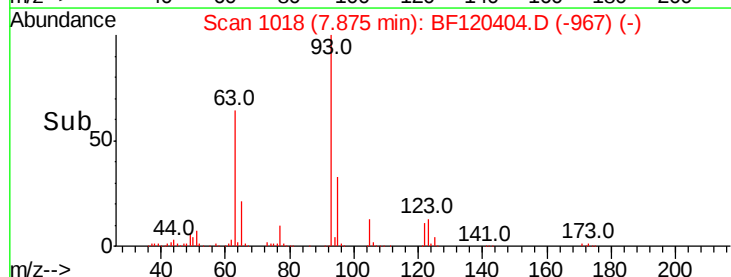


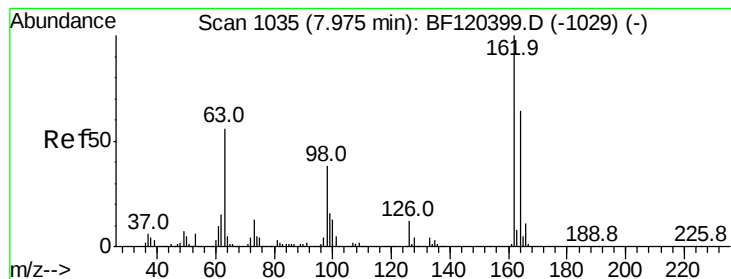
#28
 bis(2-Chloroethoxy)methane
 Concen: 38.355 ng
 RT: 7.87 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: BF120404.D
 Acq: 28 May 2020 13:15

Tgt Ion: 93 Resp: 720966
 Ion Ratio Lower Upper
 93 100
 95 33.0 26.6 39.8
 123 13.1 10.3 15.5



Abundance Ion 93.00 (92.70 to 93.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 38.262 ng

RT: 7.97 min Scan# 1035

Delta R.T. 0.00 min

Lab File: BF120404.D

Acq: 28 May 2020 13:15

Instrument :

BNA_F

ClientSampleId :

ICVBF052820

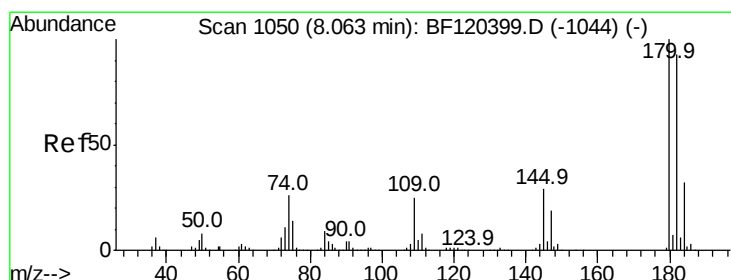
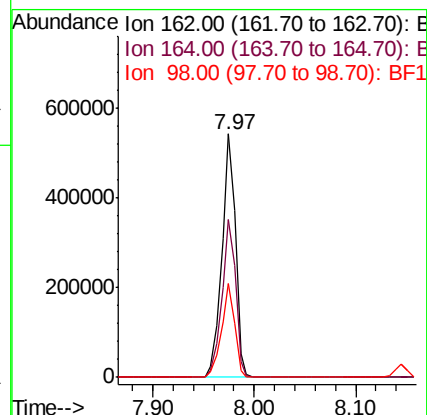
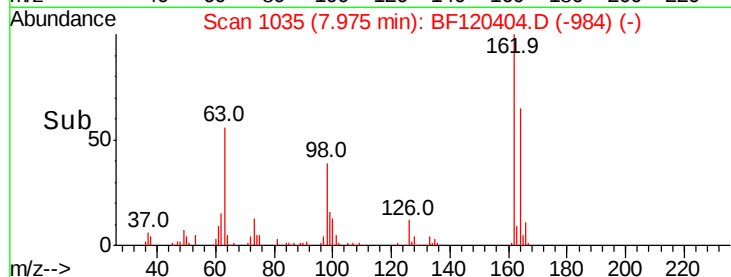
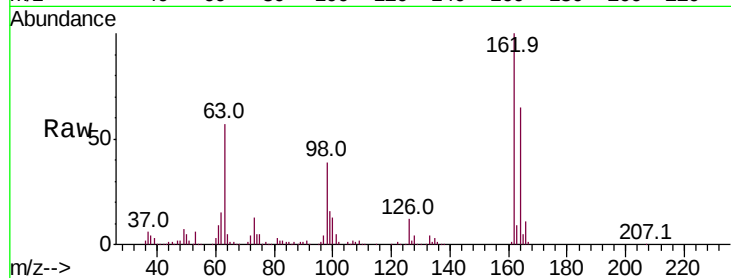
Tot Ion:162 Resp: 506236

Ion Ratio Lower Upper

162 100

164 64.9 43.9 83.9

98 38.7 17.8 57.8



#30

1,2,4-Trichlorobenzene

Concen: 37.469 ng

RT: 8.06 min Scan# 1050

Delta R.T. 0.00 min

Lab File: BF120404.D

Acq: 28 May 2020 13:15

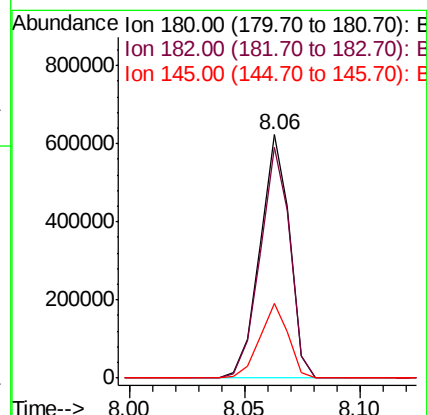
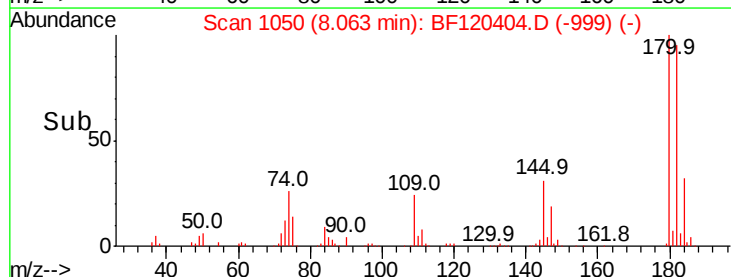
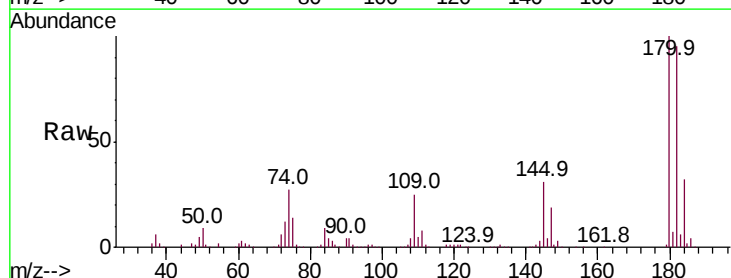
Tgt Ion:180 Resp: 556330

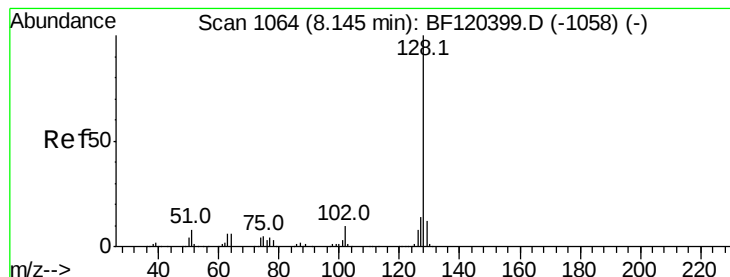
Ion Ratio Lower Upper

180 100

182 94.9 74.6 111.8

145 30.9 23.4 35.2





#31

Naphthalene

Concen: 38.048 ng

RT: 8.15 min Scan# 1064

Delta R.T. 0.00 min

Lab File: BF120404.D

Acq: 28 May 2020 13:15

Instrument :

BNA_F

ClientSampleId :

ICVBF052820

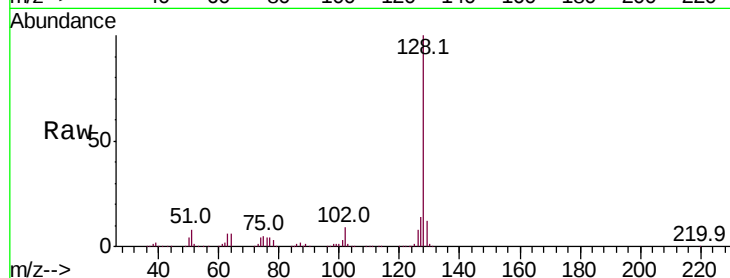
Tot Ion:128 Resp: 1697533

Ion Ratio Lower Upper

128 100

129 11.8 9.7 14.5

127 13.9 11.0 16.6

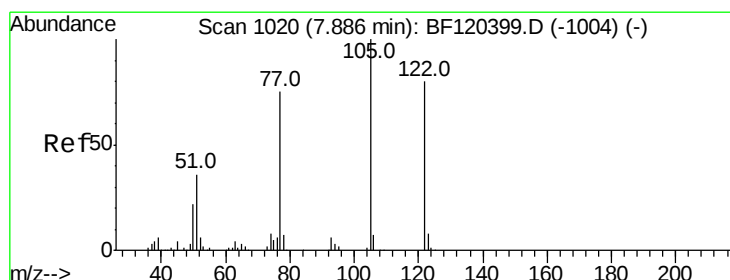
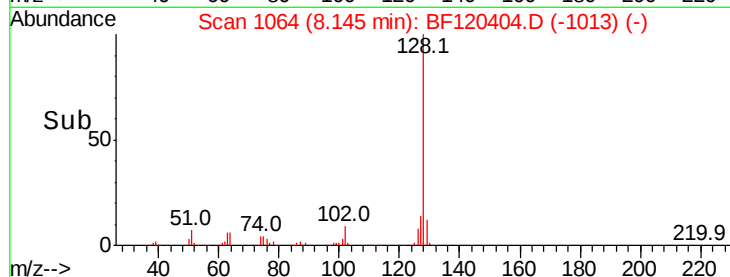
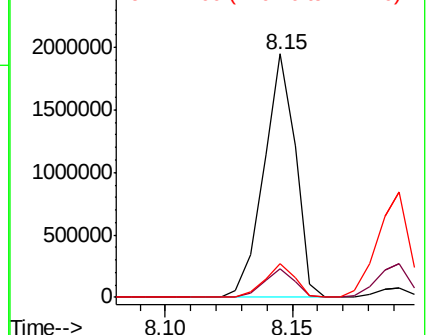


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 31.915 ng

RT: 7.89 min Scan# 1020

Delta R.T. 0.00 min

Lab File: BF120404.D

Acq: 28 May 2020 13:15

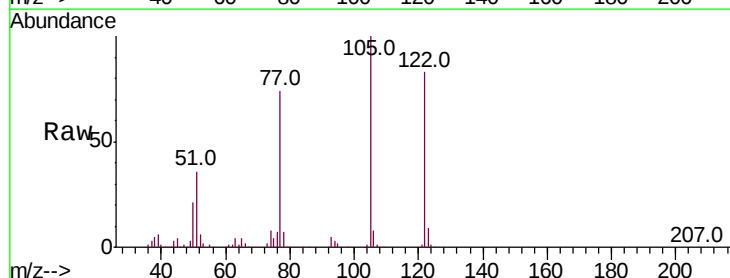
Tgt Ion:122 Resp: 310231

Ion Ratio Lower Upper

122 100

105 120.7 101.1 141.1

77 89.6 71.9 111.9

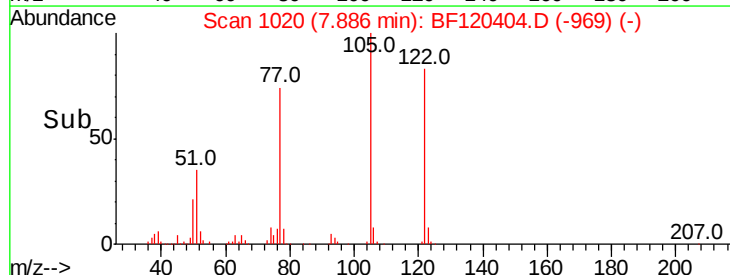
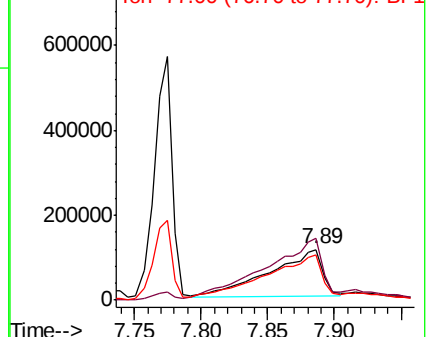


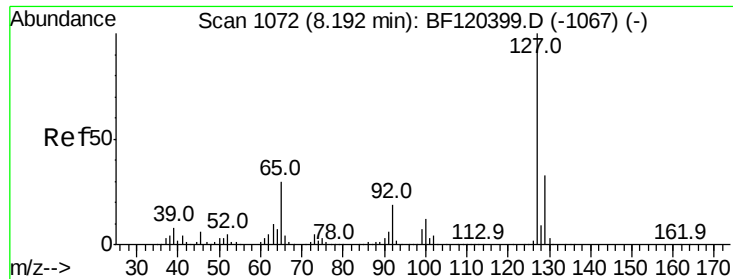
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

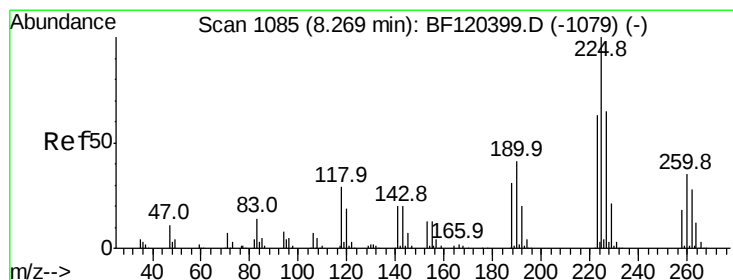
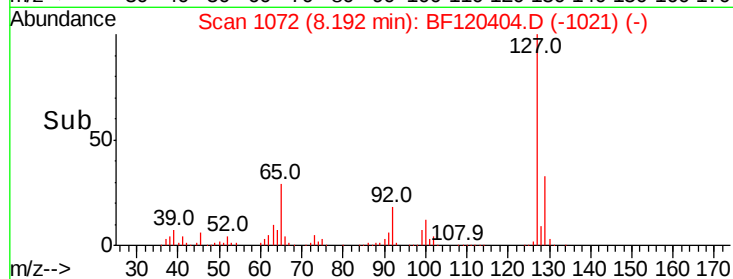
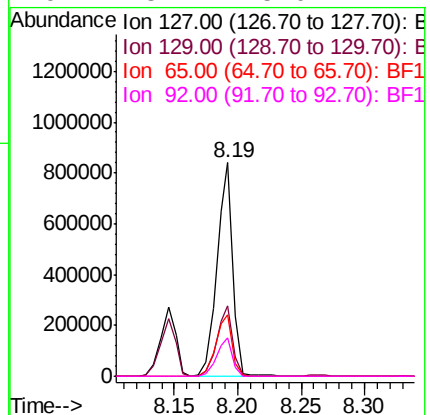
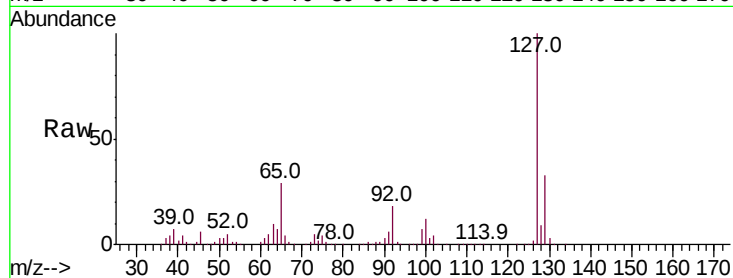




#33
4-Chloroaniline
Concen: 37.302 ng
RT: 8.19 min Scan# 1072
Delta R.T. 0.00 min
Lab File: BF120404.D
Acq: 28 May 2020 13:15

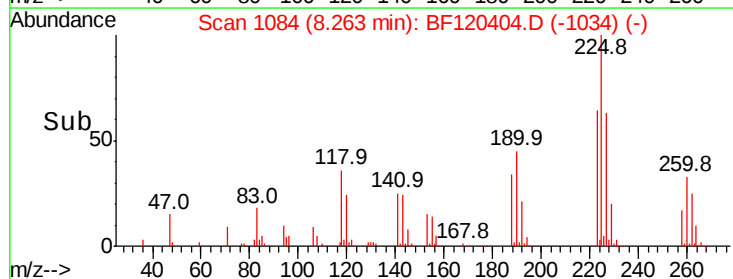
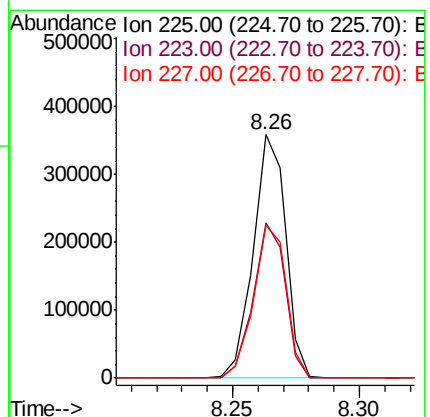
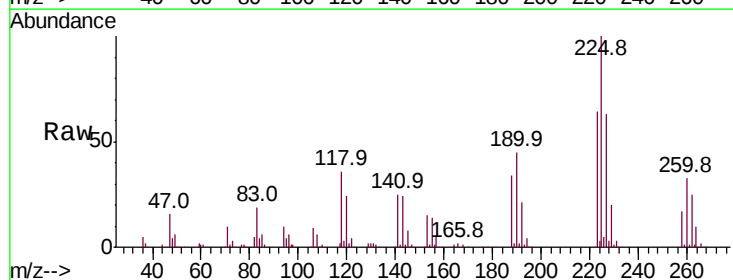
Instrument :
BNA_F
ClientSampleId :
ICVBF052820

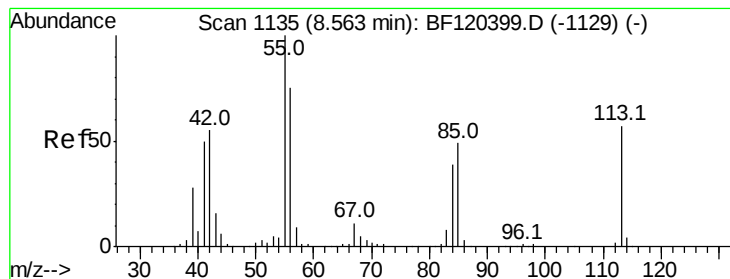
Tot Ion:	127	Resp:	737589
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.8	40.2
65	28.9	23.7	35.5
92	18.1	15.0	22.4



#34
Hexachlorobutadiene
Concen: 36.442 ng
RT: 8.26 min Scan# 1084
Delta R.T. -0.01 min
Lab File: BF120404.D
Acq: 28 May 2020 13:15

Tgt Ion:	225	Resp:	320727
Ion	Ratio	Lower	Upper
225	100		
223	63.6	50.2	75.2
227	62.8	52.1	78.1





#35

Caprolactam

Concen: 38.663 ng

RT: 8.56 min Scan# 1135

Delta R.T. 0.00 min

Lab File: BF120404.D

Acq: 28 May 2020 13:15

Instrument :

BNA_F

ClientSampleId :

ICVBF052820

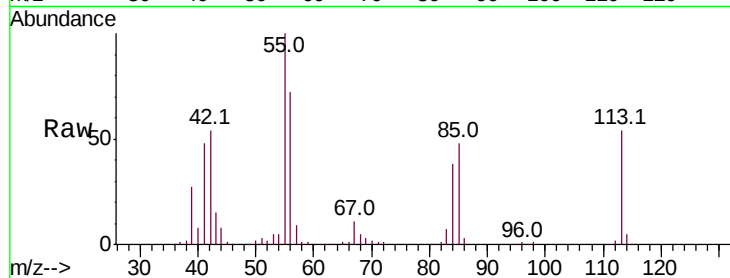
Tot Ion:113 Resp: 165664

Ion Ratio Lower Upper

113 100

55 183.8 154.9 194.9

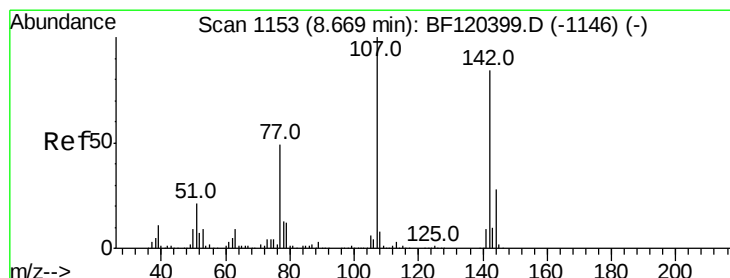
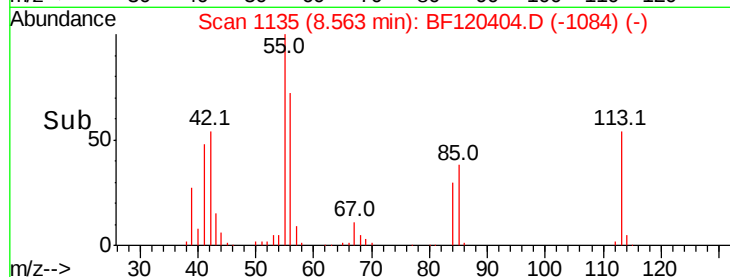
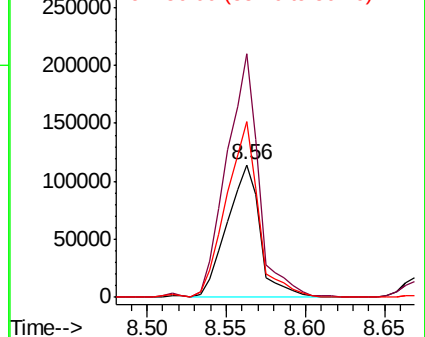
56 133.1 110.9 150.9



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 38.518 ng

RT: 8.67 min Scan# 1153

Delta R.T. 0.00 min

Lab File: BF120404.D

Acq: 28 May 2020 13:15

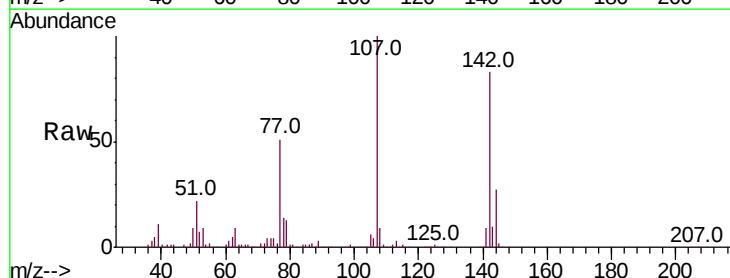
Tgt Ion:107 Resp: 517036

Ion Ratio Lower Upper

107 100

144 26.9 22.0 33.0

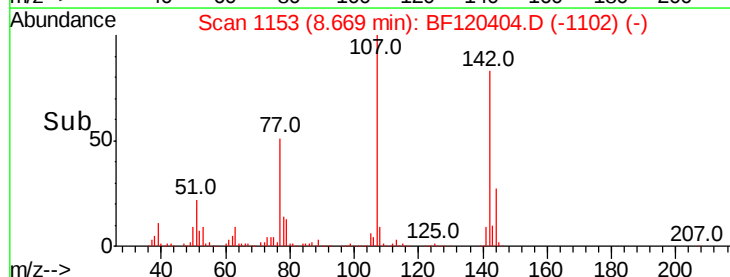
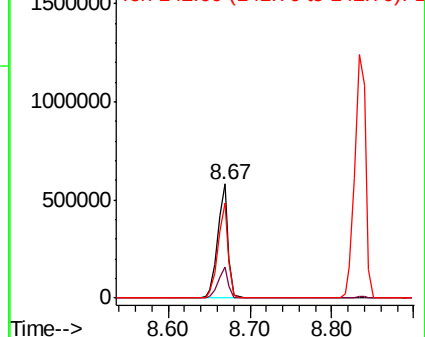
142 83.1 67.0 100.4

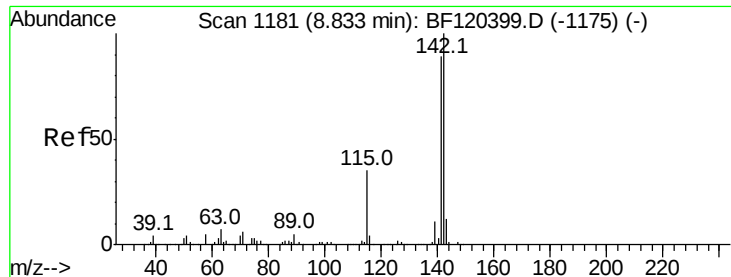


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

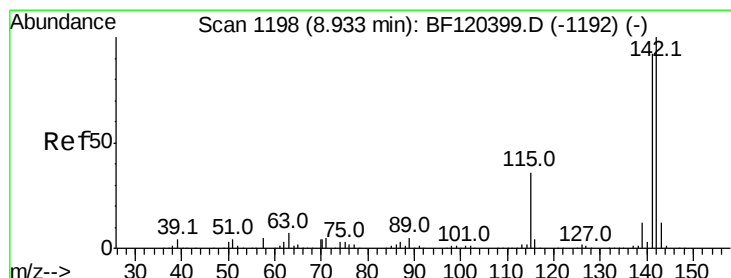
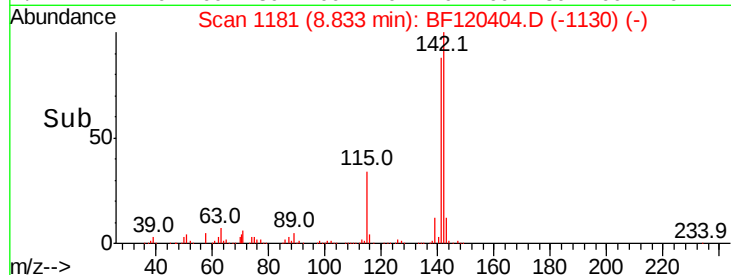
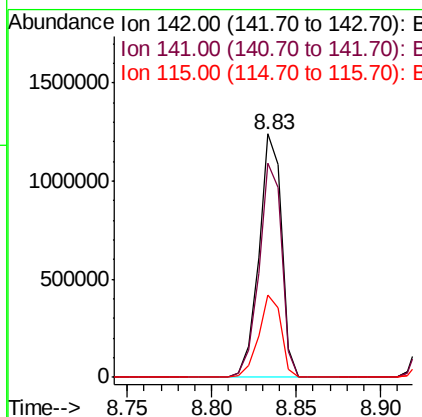
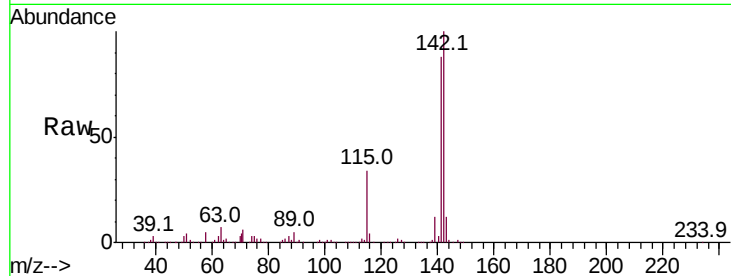




#37
 2-Methylnaphthalene
 Concen: 39.104 ng
 RT: 8.83 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: BF120404.D
 Acq: 28 May 2020 13:15

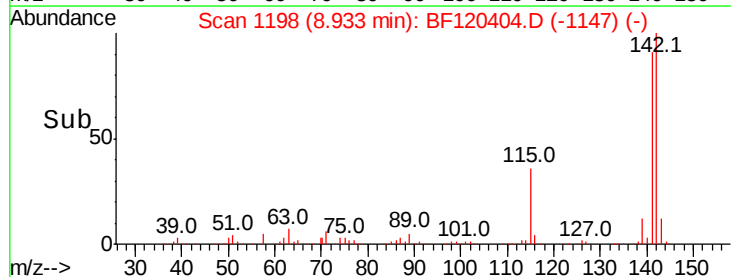
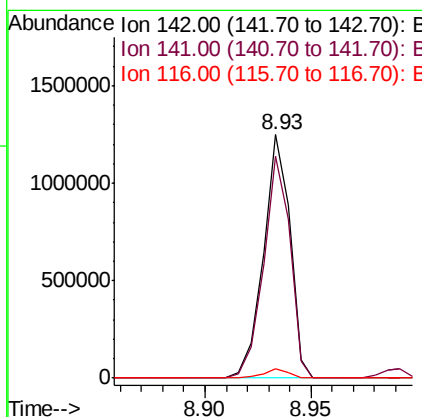
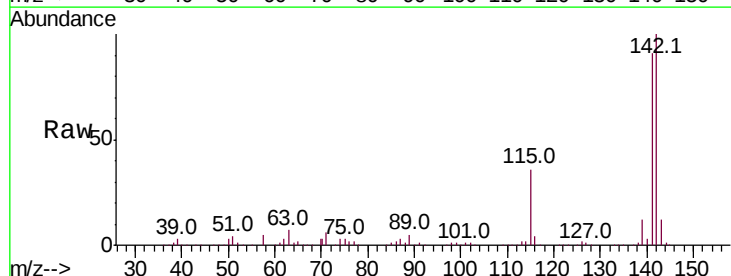
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF052820

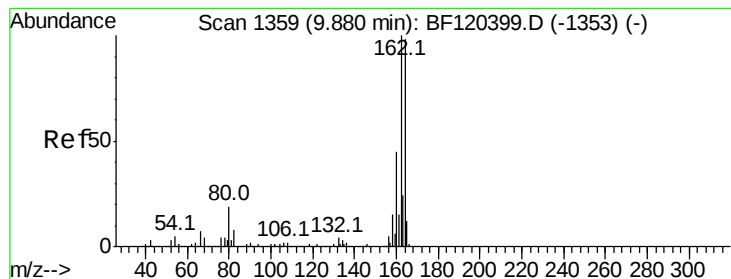
Tot Ion:142 Resp: 1155599
 Ion Ratio Lower Upper
 142 100
 141 87.8 71.4 107.0
 115 34.0 27.8 41.8



#38
 1-Methylnaphthalene
 Concen: 39.009 ng
 RT: 8.93 min Scan# 1198
 Delta R.T. 0.00 min
 Lab File: BF120404.D
 Acq: 28 May 2020 13:15

Tgt Ion:142 Resp: 1088147
 Ion Ratio Lower Upper
 142 100
 141 91.2 73.9 110.9
 116 3.8 3.1 4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.88 min Scan# 1359

Delta R.T. 0.00 min

Lab File: BF120404.D

Acq: 28 May 2020 13:15

Instrument :

BNA_F

ClientSampleId :

ICVBF052820

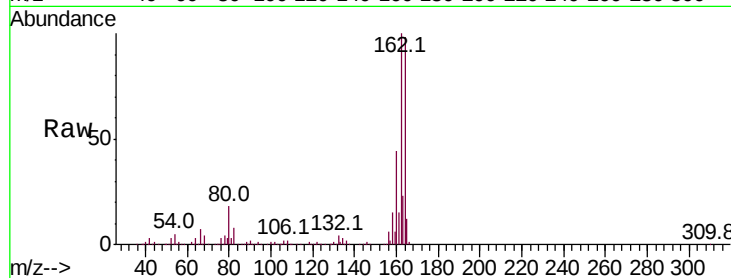
Tot Ion:164 Resp: 537391

Ion Ratio Lower Upper

164 100

162 101.8 81.3 121.9

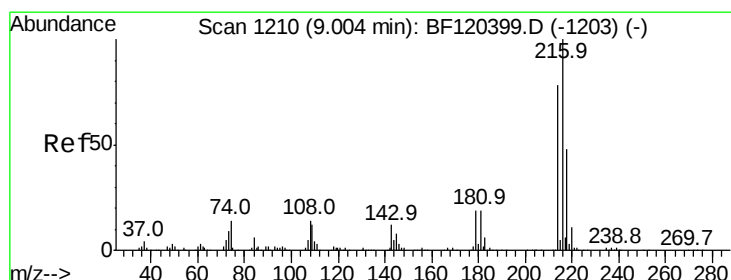
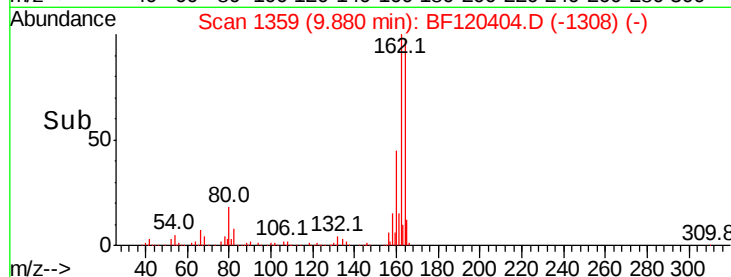
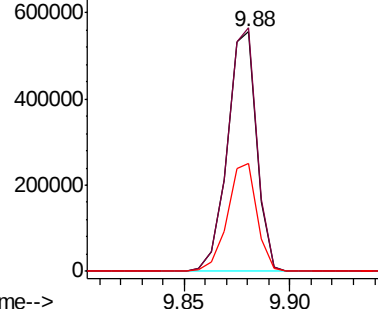
160 45.3 36.9 55.3



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.229 ng

RT: 9.00 min Scan# 1209

Delta R.T. -0.01 min

Lab File: BF120404.D

Acq: 28 May 2020 13:15

Tgt Ion:216 Resp: 554406

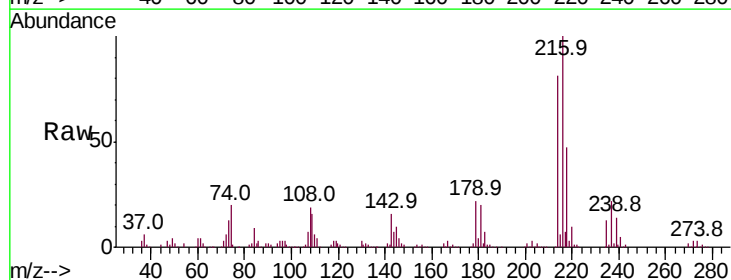
Ion Ratio Lower Upper

216 100

214 79.5 63.6 95.4

179 20.6 16.5 24.7

108 19.0 15.0 22.4

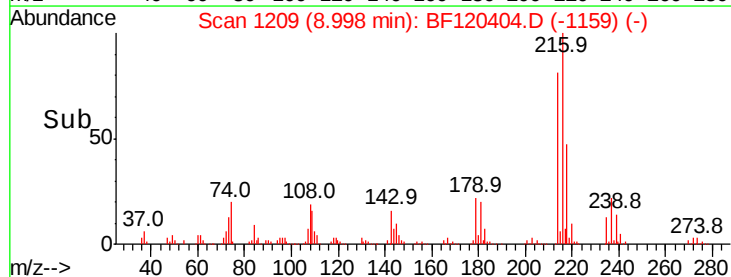
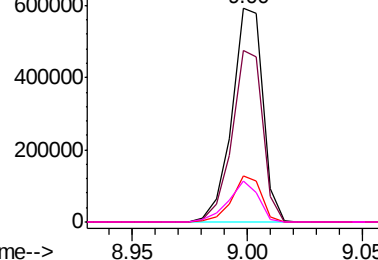


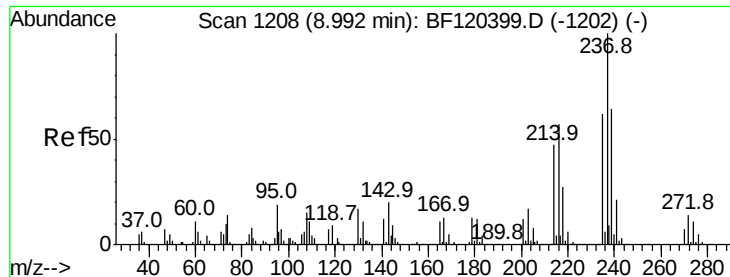
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 42.793 ng

RT: 8.99 min Scan# 1208

Delta R.T. 0.00 min

Lab File: BF120404.D

Acq: 28 May 2020 13:15

Instrument :

BNA_F

ClientSampleId :

ICVBF052820

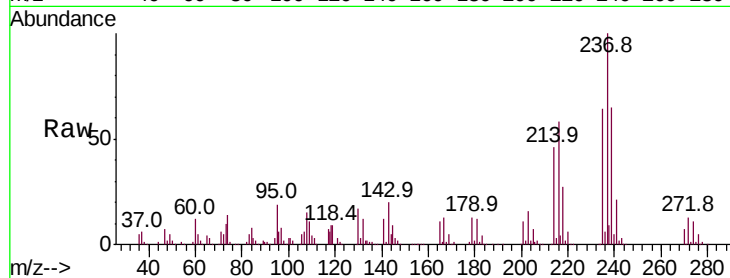
Tot Ion:237 Resp: 329138

Ion Ratio Lower Upper

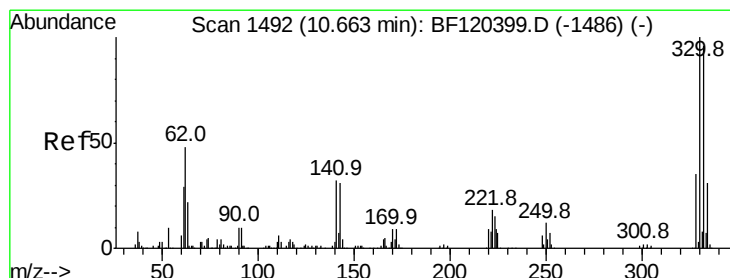
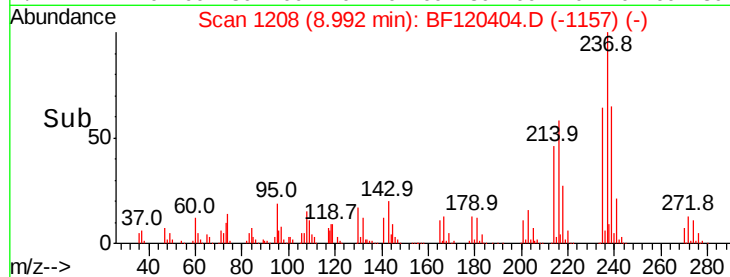
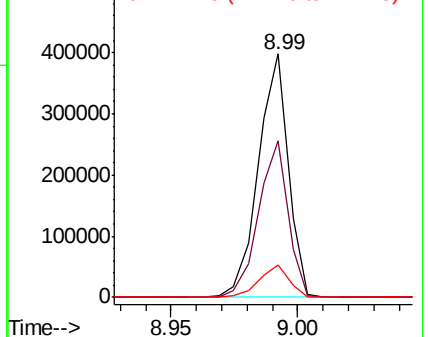
237 100

235 64.4 42.4 82.4

272 13.5 0.0 33.6



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 78.113 ng

RT: 10.66 min Scan# 1492

Delta R.T. 0.00 min

Lab File: BF120404.D

Acq: 28 May 2020 13:15

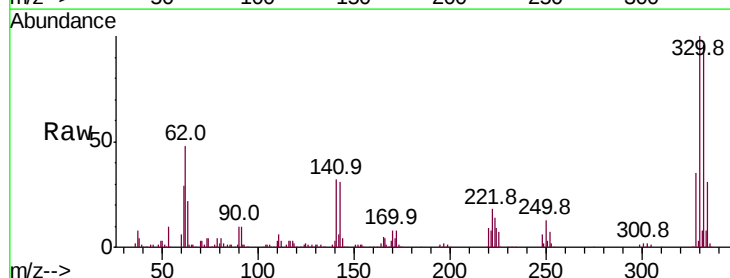
Tgt Ion:330 Resp: 388938

Ion Ratio Lower Upper

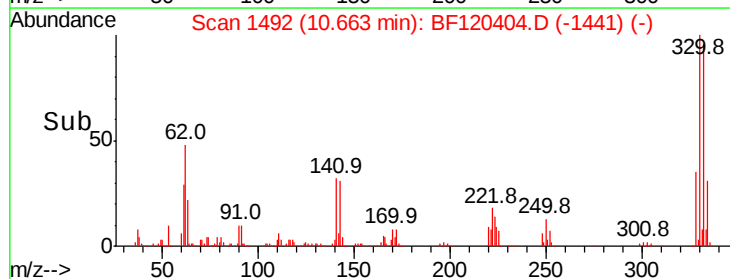
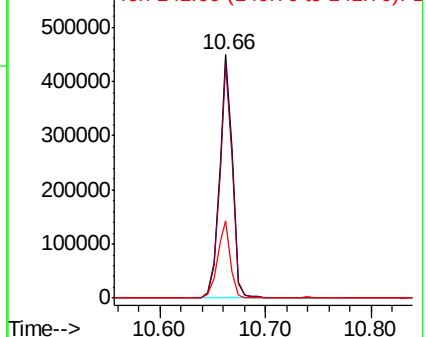
330 100

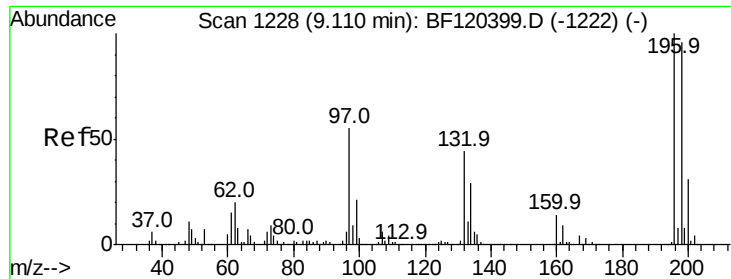
332 95.3 77.0 115.6

141 31.9 25.3 37.9



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

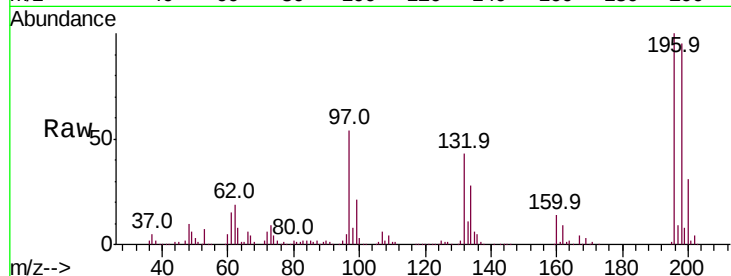




#43
 2,4,6-Trichlorophenol
 Concen: 37.932 ng
 RT: 9.11 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: BF120404.D
 Acq: 28 May 2020 13:15

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF052820

Tot Ion	196	Resp	378067
Ion Ratio	Lower	Upper	
196	100		
198	95.3	77.1	115.7
200	30.8	25.0	37.6

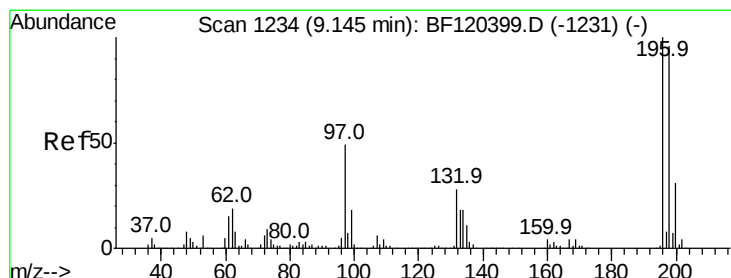
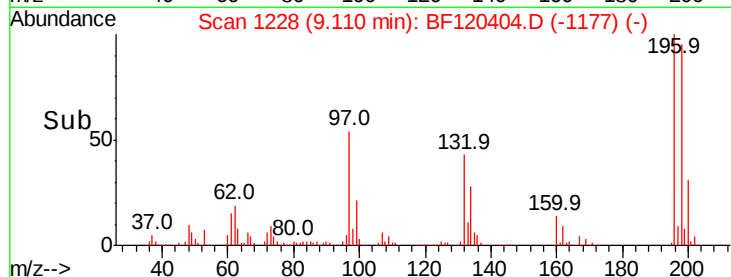
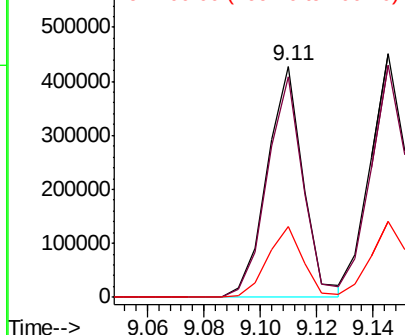


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 34.750 ng
 RT: 9.15 min Scan# 1234
 Delta R.T. 0.00 min
 Lab File: BF120404.D
 Acq: 28 May 2020 13:15

Tgt Ion	196	Resp	392602
Ion Ratio	Lower	Upper	
196	100		
198	95.4	76.6	115.0
97	49.5	39.5	59.3
132	28.9	22.5	33.7

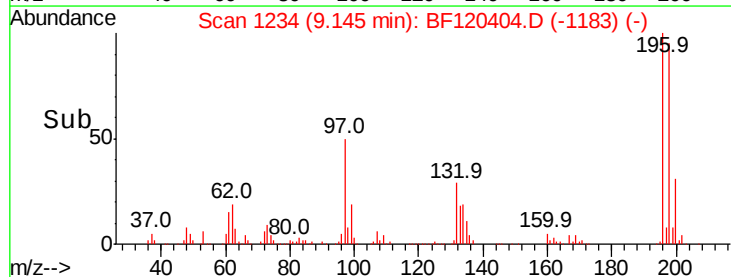
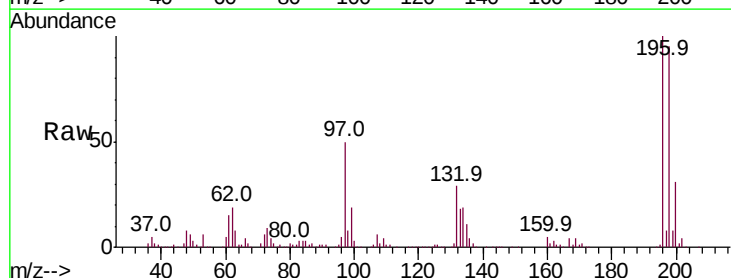
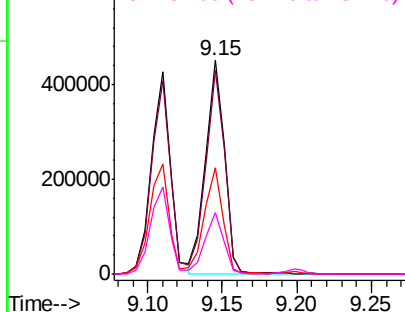
Abundance

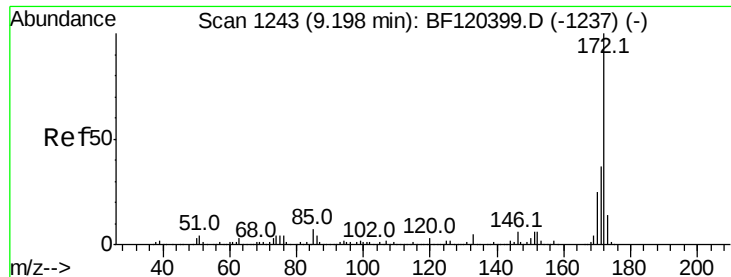
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E

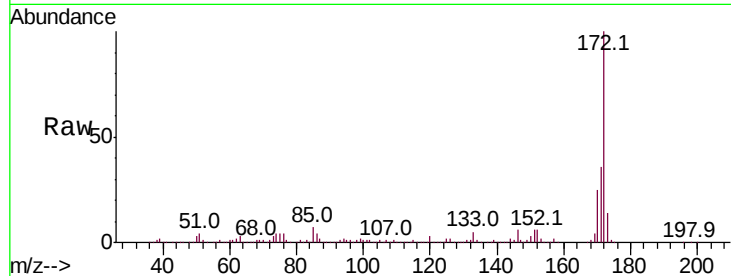




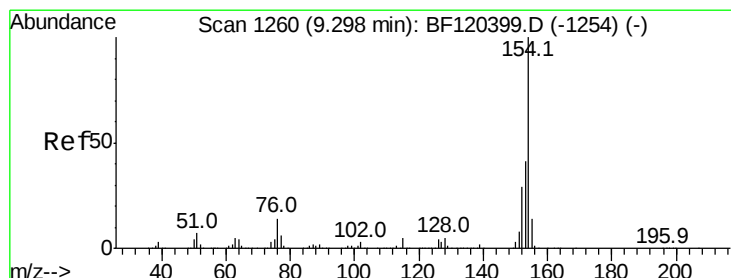
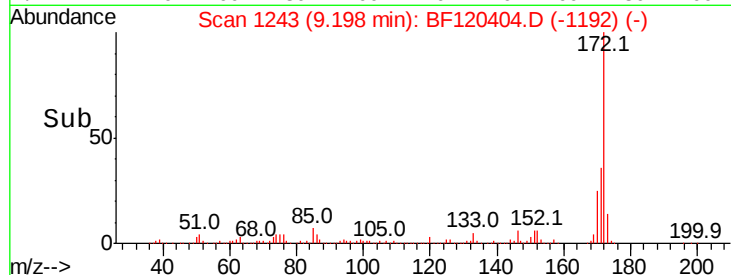
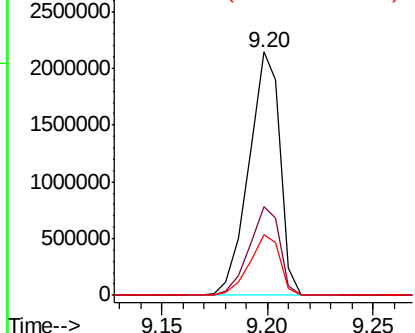
#45
2-Fluorobiphenyl
Concen: 69.251 ng
RT: 9.20 min Scan# 1243
Delta R.T. 0.00 min
Lab File: BF120404.D
Acq: 28 May 2020 13:15

Instrument :
BNA_F
ClientSampleId :
ICVBF052820

Tot Ion:172 Resp: 2193374
Ion Ratio Lower Upper
172 100
171 36.4 29.7 44.5
170 24.8 19.9 29.9

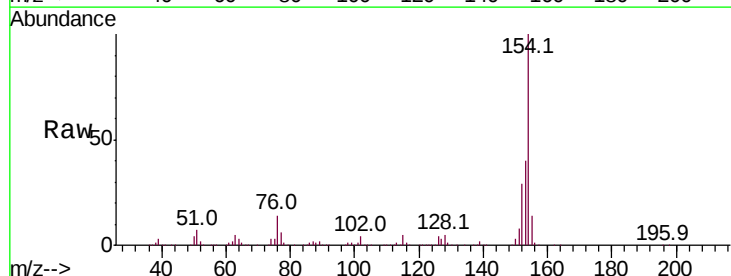


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

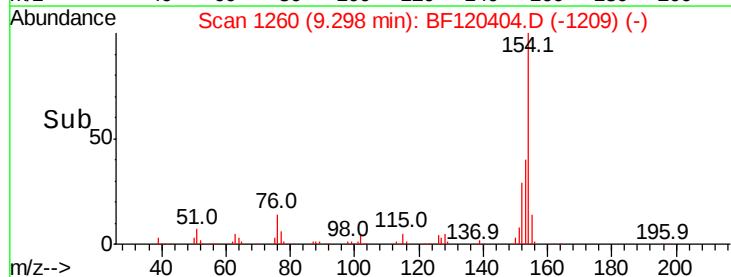
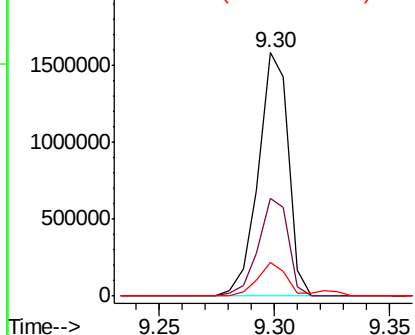


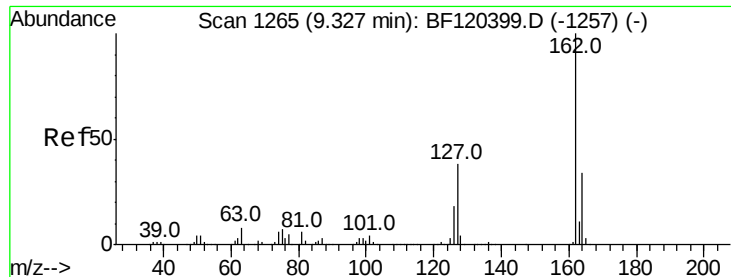
#46
1,1'-Biphenyl
Concen: 40.813 ng
RT: 9.30 min Scan# 1260
Delta R.T. 0.00 min
Lab File: BF120404.D
Acq: 28 May 2020 13:15

Tgt Ion:154 Resp: 1440794
Ion Ratio Lower Upper
154 100
153 40.2 20.9 60.9
76 13.6 0.0 33.7



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1





#47

2-Chloronaphthalene

Concen: 37.276 ng

RT: 9.32 min Scan# 1264

Delta R.T. -0.01 min

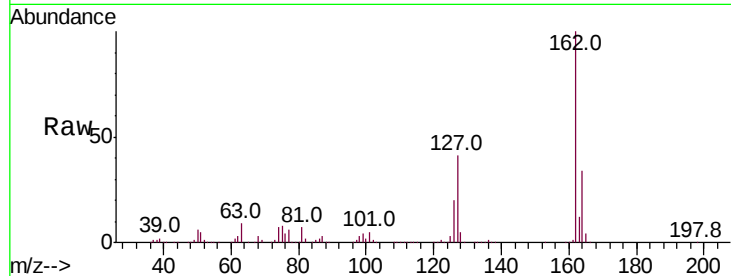
Lab File: BF120404.D

Acq: 28 May 2020 13:15

Instrument :
BNA_F
ClientSampleId :
ICVBF052820

Tot Ion:162 Resp: 1083587

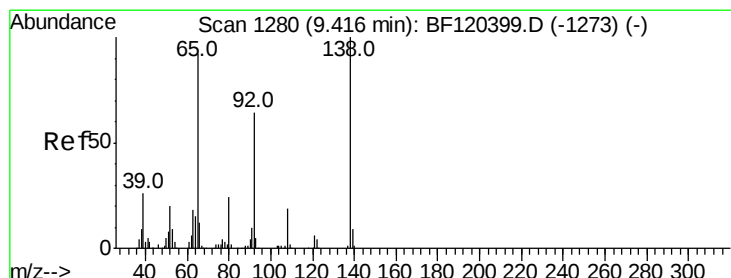
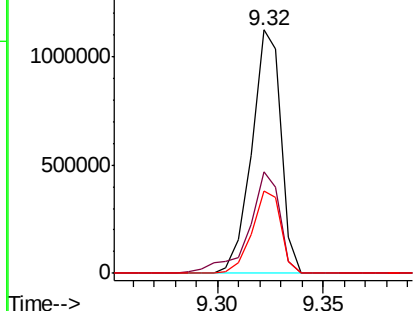
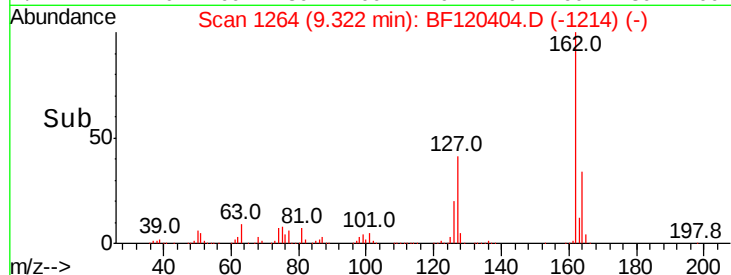
Ion	Ratio	Lower	Upper
162	100		
127	41.5	30.6	46.0
164	33.7	27.1	40.7



Abundance Ion 162.00 (161.70 to 162.70): E

1500000 Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 37.907 ng

RT: 9.42 min Scan# 1280

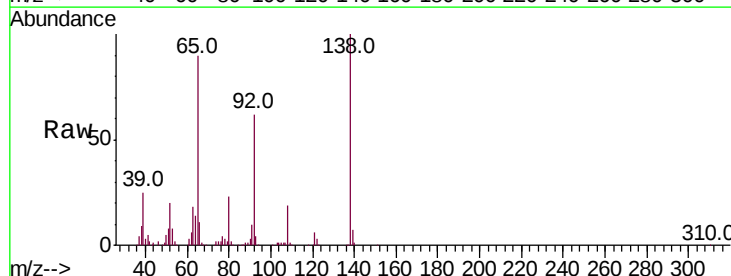
Delta R.T. 0.00 min

Lab File: BF120404.D

Acq: 28 May 2020 13:15

Tgt Ion: 65 Resp: 335632

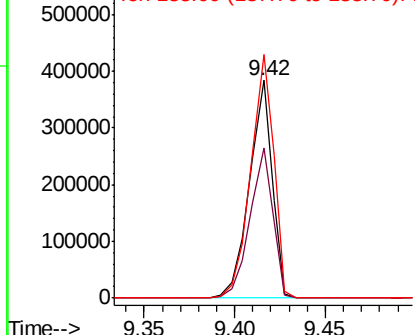
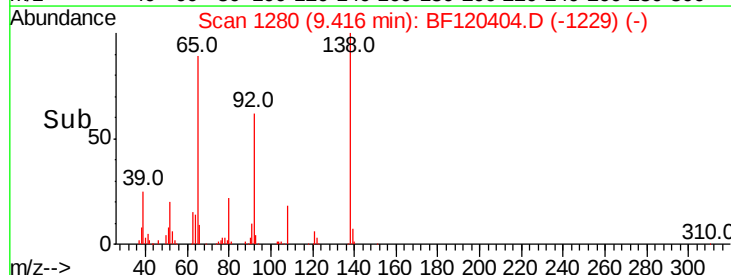
Ion	Ratio	Lower	Upper
65	100		
92	69.2	55.7	83.5
138	111.7	86.9	130.3

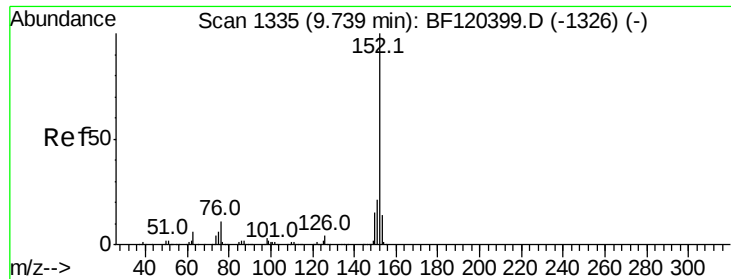


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 38.721 ng

RT: 9.74 min Scan# 1335

Delta R.T. 0.00 min

Lab File: BF120404.D

Acq: 28 May 2020 13:15

Instrument :

BNA_F

ClientSampleId :

ICVBF052820

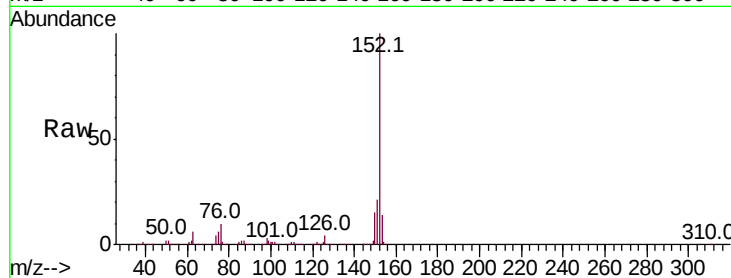
Tot Ion:152 Resp: 1739410

Ion Ratio Lower Upper

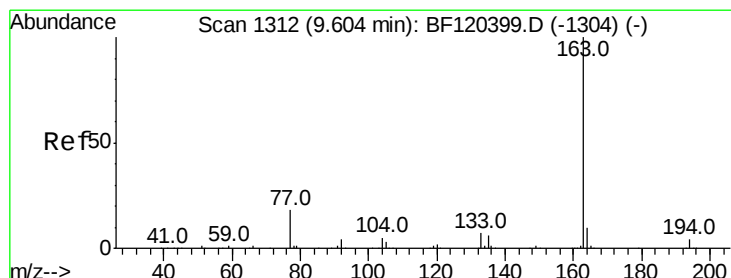
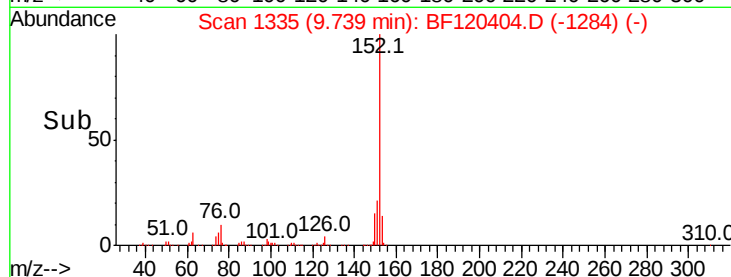
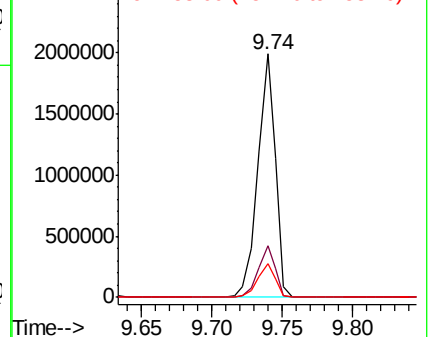
152 100

151 21.1 16.8 25.2

153 13.9 11.2 16.8



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 37.150 ng

RT: 9.60 min Scan# 1312

Delta R.T. 0.00 min

Lab File: BF120404.D

Acq: 28 May 2020 13:15

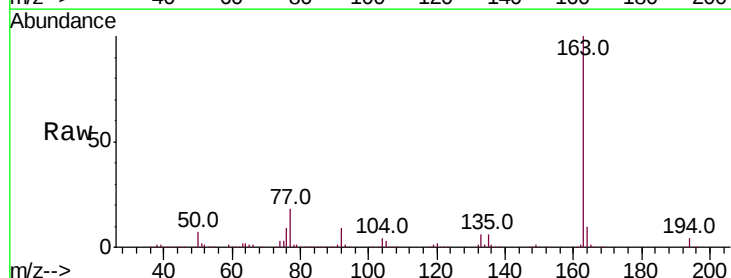
Tgt Ion:163 Resp: 1248105

Ion Ratio Lower Upper

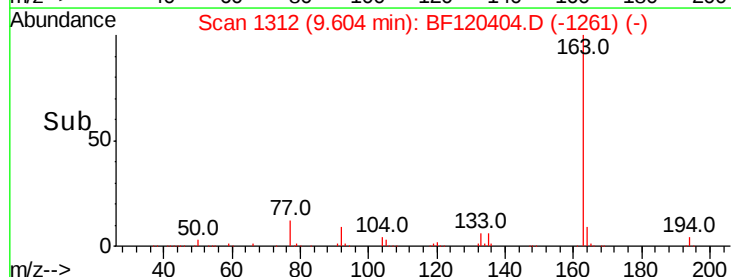
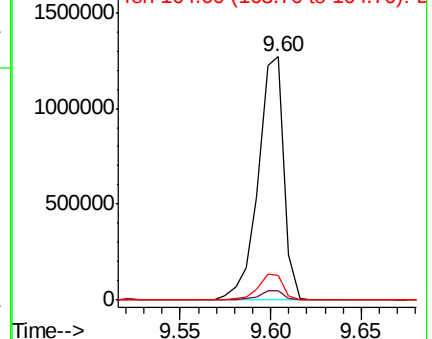
163 100

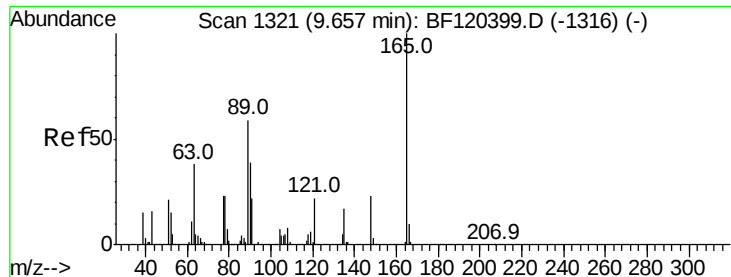
194 4.1 3.3 4.9

164 10.0 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

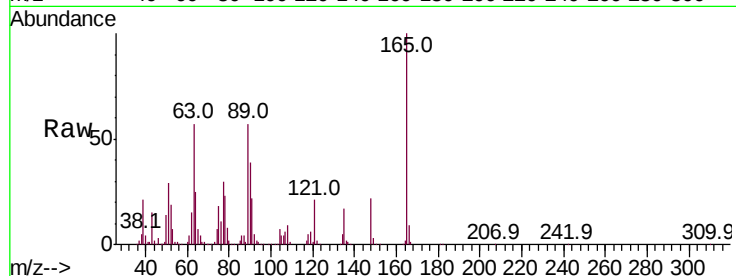




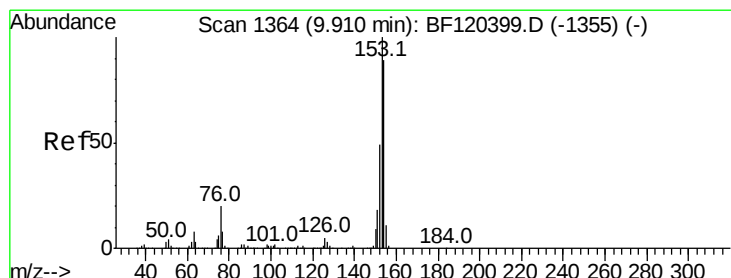
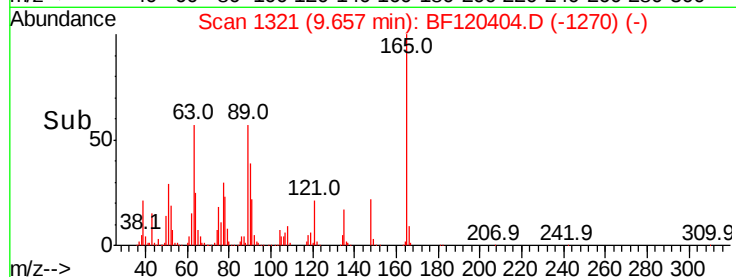
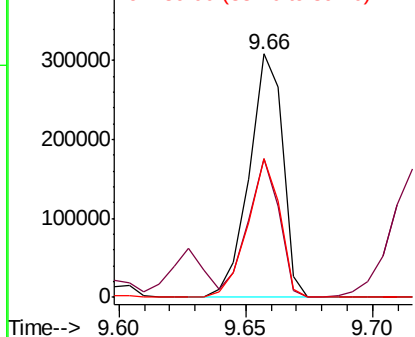
#51
2,6-Dinitrotoluene
Concen: 38.165 ng
RT: 9.66 min Scan# 1321
Delta R.T. 0.00 min
Lab File: BF120404.D
Acq: 28 May 2020 13:15

Instrument :
BNA_F
ClientSampleId :
ICVBF052820

Tot Ion:165 Resp: 284949
Ion Ratio Lower Upper
165 100
63 57.1 46.9 70.3
89 56.8 47.5 71.3

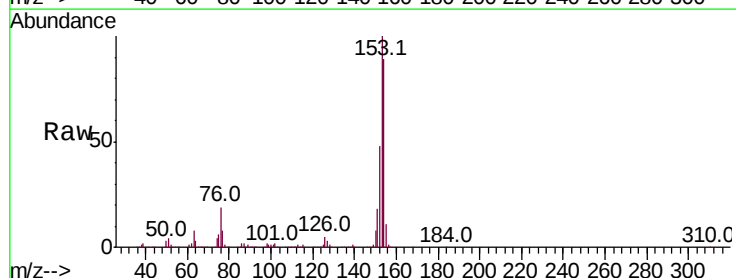


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

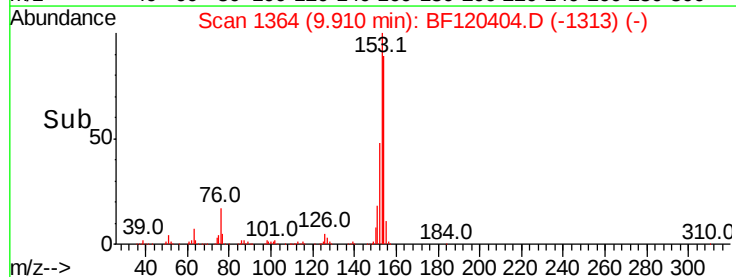
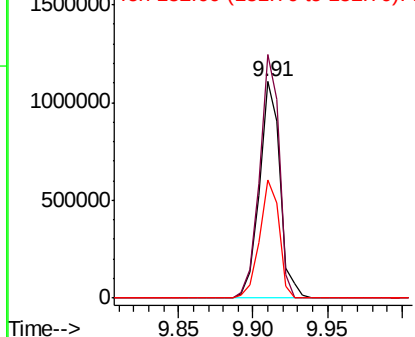


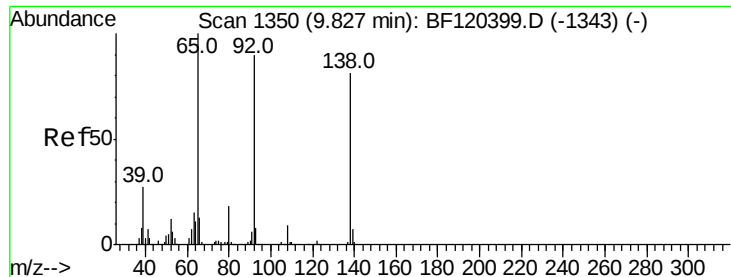
#52
Acenaphthene
Concen: 37.158 ng
RT: 9.91 min Scan# 1364
Delta R.T. 0.00 min
Lab File: BF120404.D
Acq: 28 May 2020 13:15

Tgt Ion:154 Resp: 1041766
Ion Ratio Lower Upper
154 100
153 112.5 90.0 135.0
152 54.4 43.9 65.9



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

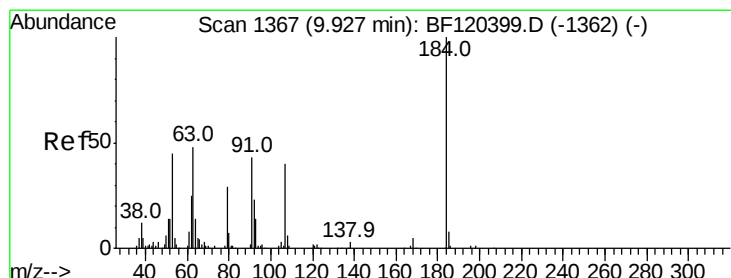
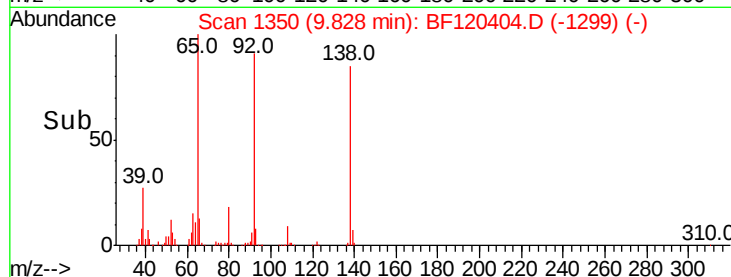
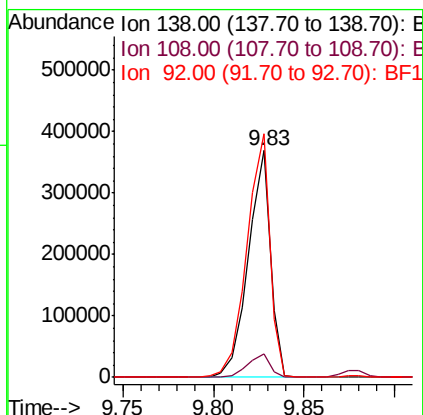
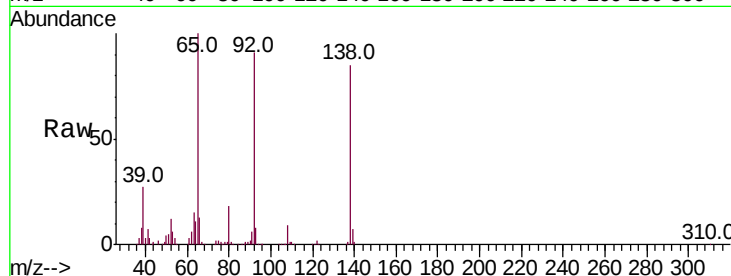




#53
 3-Nitroaniline
 Concen: 35.945 ng
 RT: 9.83 min Scan# 1350
 Delta R.T. 0.00 min
 Lab File: BF120404.D
 Acq: 28 May 2020 13:15

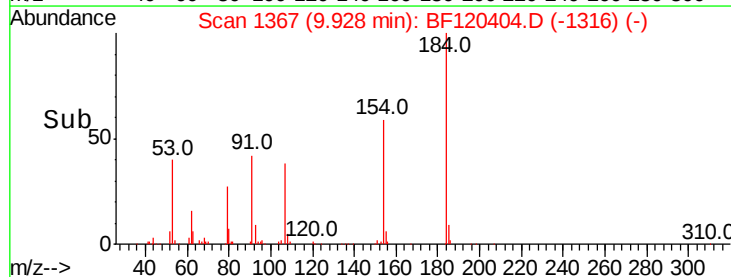
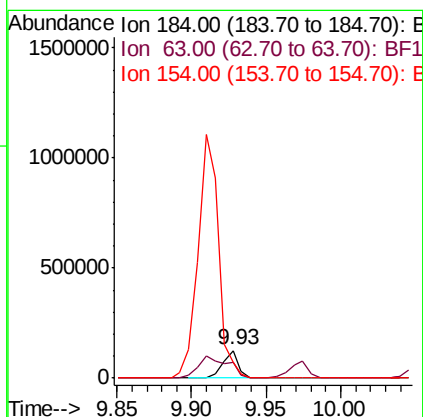
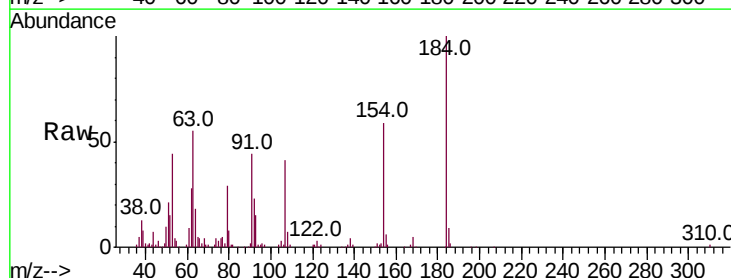
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF052820

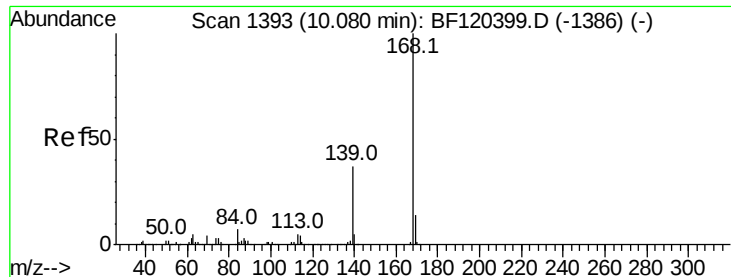
Tot Ion:138 Resp: 315142
 Ion Ratio Lower Upper
 138 100
 108 10.1 8.5 12.7
 92 107.4 89.0 133.4



#54
 2,4-Dinitrophenol
 Concen: 36.110 ng
 RT: 9.93 min Scan# 1367
 Delta R.T. 0.00 min
 Lab File: BF120404.D
 Acq: 28 May 2020 13:15

Tgt Ion:184 Resp: 94701
 Ion Ratio Lower Upper
 184 100
 63 55.0 45.9 68.9
 154 59.1 46.4 69.6

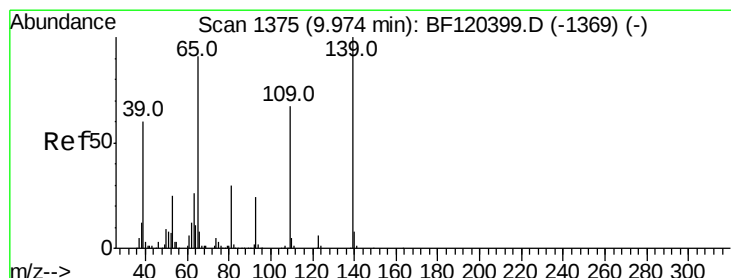
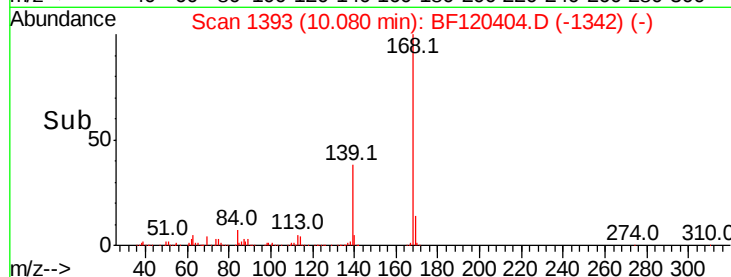
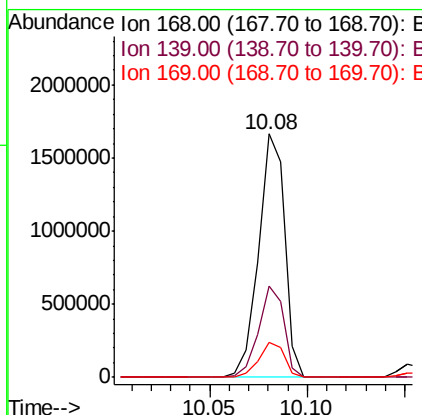
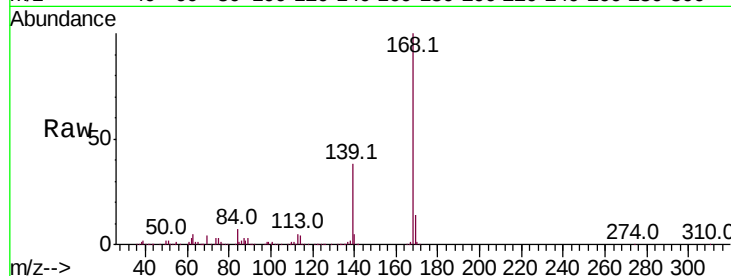




#55
Dibenzofuran
Concen: 37.824 ng
RT: 10.08 min Scan# 1393
Delta R.T. 0.00 min
Lab File: BF120404.D
Acq: 28 May 2020 13:15

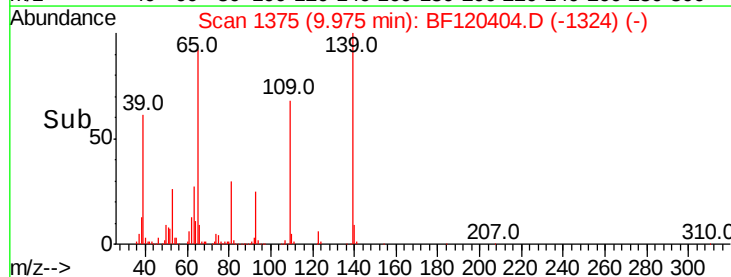
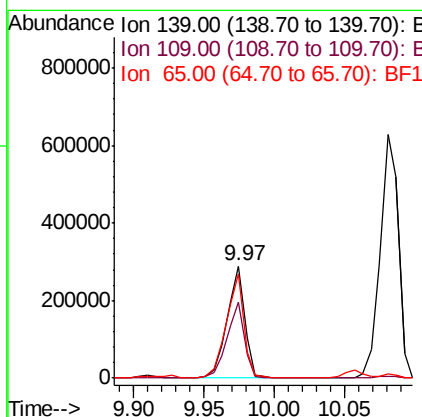
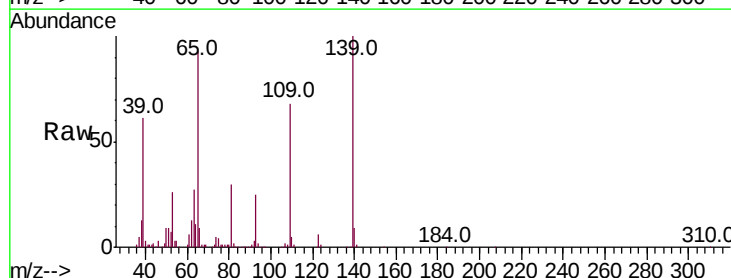
Instrument :
BNA_F
ClientSampleId :
ICVBF052820

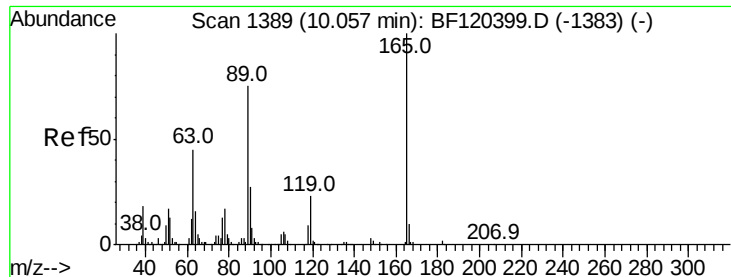
Tot Ion:168 Resp: 1541035
Ion Ratio Lower Upper
168 100
139 37.7 30.0 45.0
169 14.4 11.5 17.3



#56
4-Nitrophenol
Concen: 38.080 ng
RT: 9.97 min Scan# 1375
Delta R.T. 0.00 min
Lab File: BF120404.D
Acq: 28 May 2020 13:15

Tgt Ion:139 Resp: 255602
Ion Ratio Lower Upper
139 100
109 67.7 47.3 87.3
65 92.5 71.5 111.5

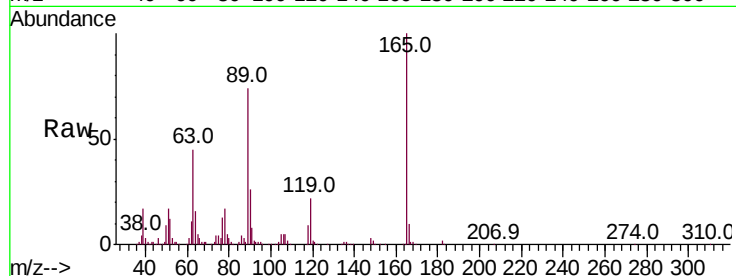




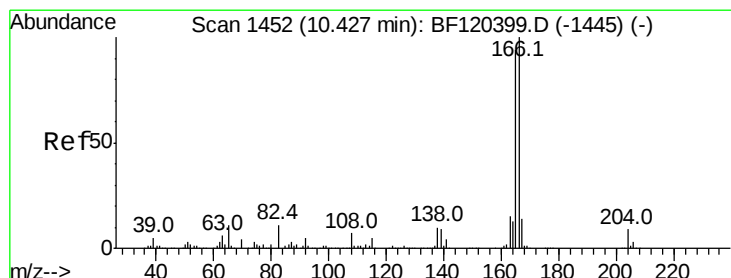
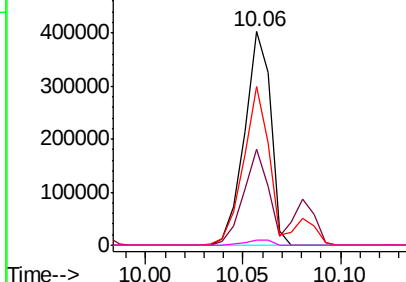
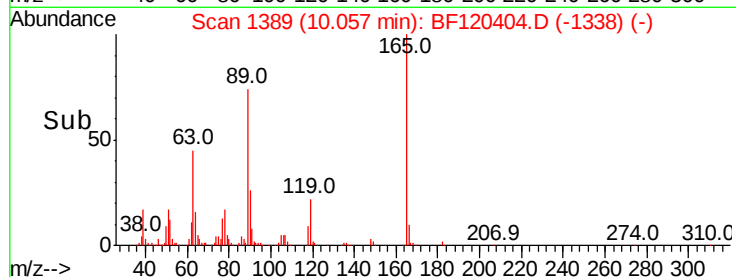
#57
 2,4-Dinitrotoluene
 Concen: 39.052 ng
 RT: 10.06 min Scan# 1389
 Delta R.T. 0.00 min
 Lab File: BF120404.D
 Acq: 28 May 2020 13:15

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF052820

Tot Ion:165 Resp: 373158
 Ion Ratio Lower Upper
 165 100
 63 44.8 35.9 53.9
 89 74.1 60.0 90.0
 182 2.4 2.0 3.0

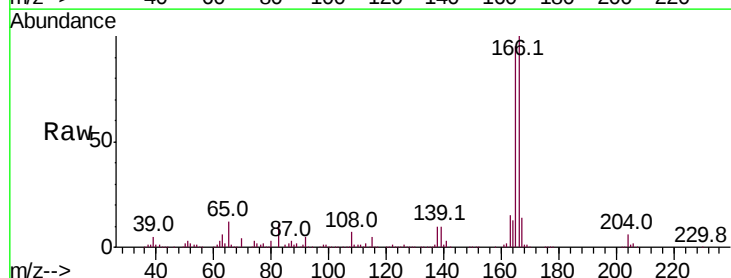


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

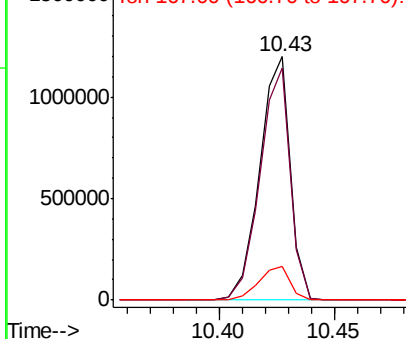
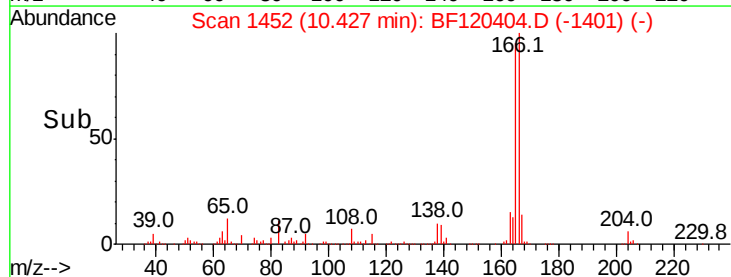


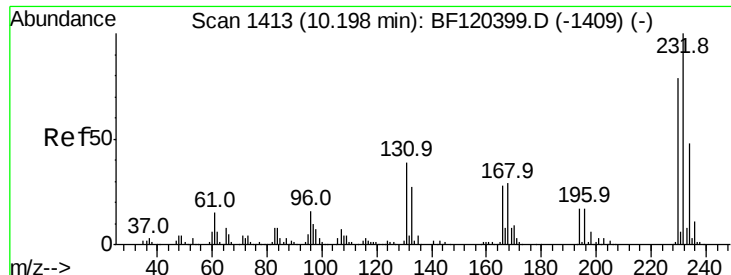
#58
 Fluorene
 Concen: 36.040 ng
 RT: 10.43 min Scan# 1452
 Delta R.T. 0.00 min
 Lab File: BF120404.D
 Acq: 28 May 2020 13:15

Tgt Ion:166 Resp: 1101883
 Ion Ratio Lower Upper
 166 100
 165 95.5 75.6 113.4
 167 13.7 10.9 16.3



Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

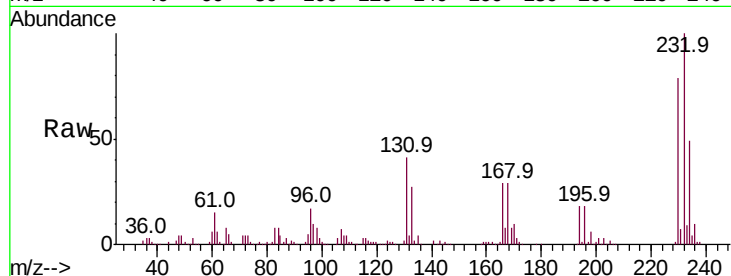




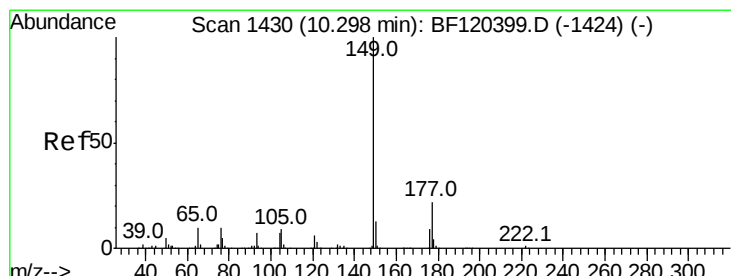
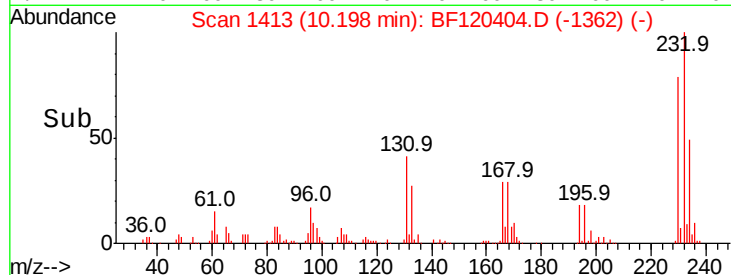
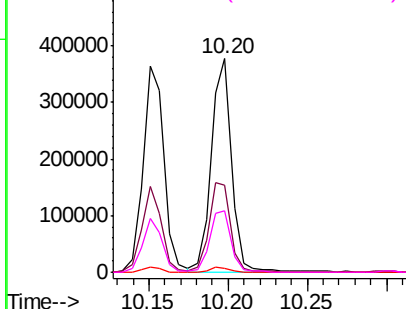
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 38.000 ng
 RT: 10.20 min Scan# 1413
 Delta R.T. 0.00 min
 Lab File: BF120404.D
 Acq: 28 May 2020 13:15

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF052820

Tot Ion:	232	Resp:	334547
Ion	Ratio	Lower	Upper
232	100		
131	45.1	34.6	51.8
130	2.2	1.7	2.5
166	30.8	23.7	35.5

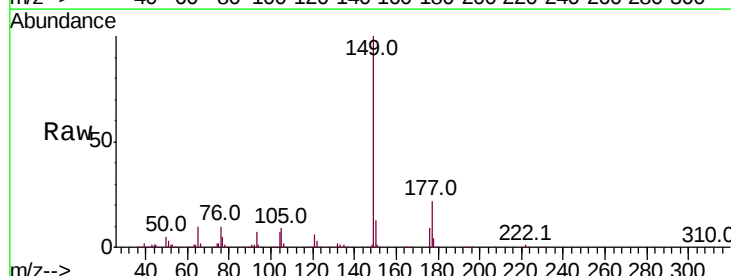


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

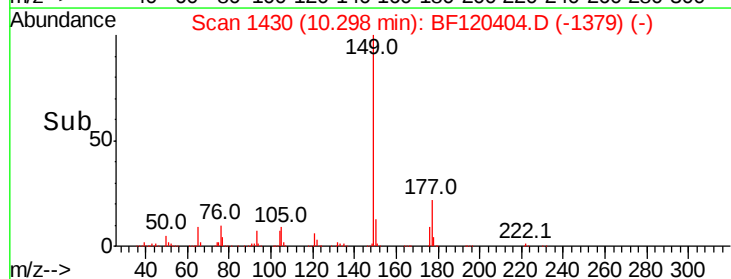
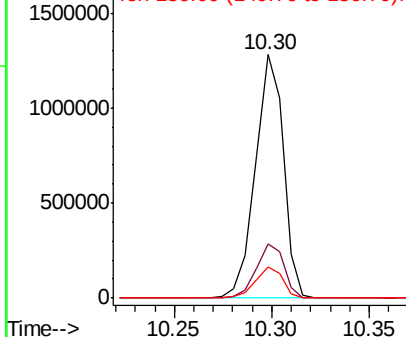


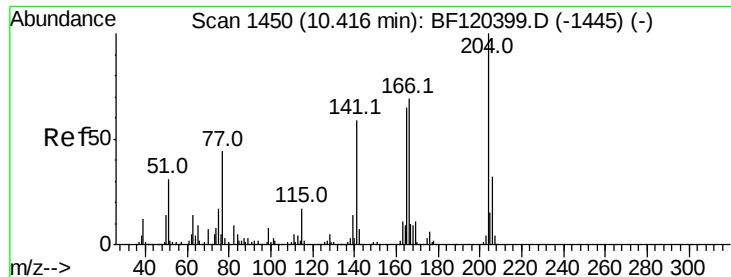
#60
 Diethylphthalate
 Concen: 37.472 ng
 RT: 10.30 min Scan# 1430
 Delta R.T. 0.00 min
 Lab File: BF120404.D
 Acq: 28 May 2020 13:15

Tgt Ion:	149	Resp:	1272161
Ion	Ratio	Lower	Upper
149	100		
177	22.1	17.4	26.2
150	12.9	10.3	15.5



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

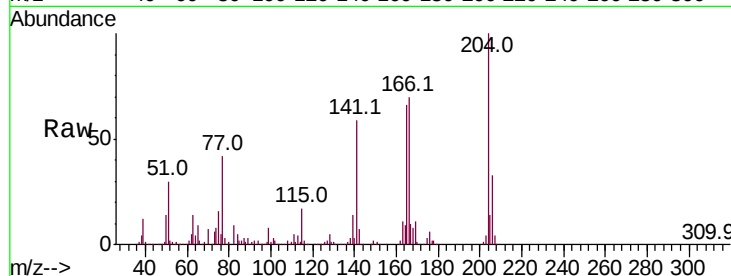




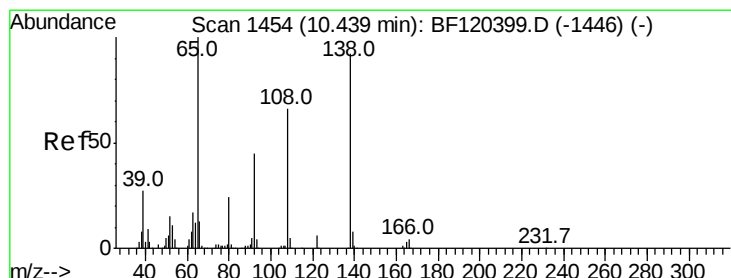
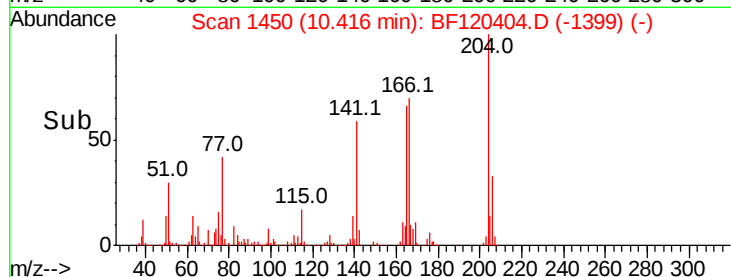
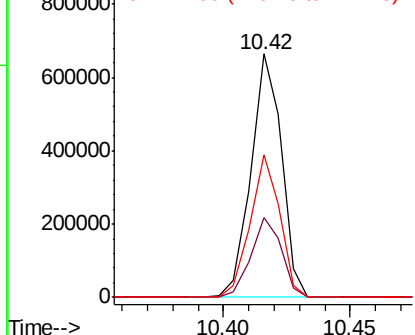
#61
4-Chlorophenyl-phenylether
Concen: 33.642 ng
RT: 10.42 min Scan# 1450
Delta R.T. 0.00 min
Lab File: BF120404.D
Acq: 28 May 2020 13:15

Instrument :
BNA_F
ClientSampleId :
ICVBF052820

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.5	25.8	38.8
141	58.7	47.2	70.8

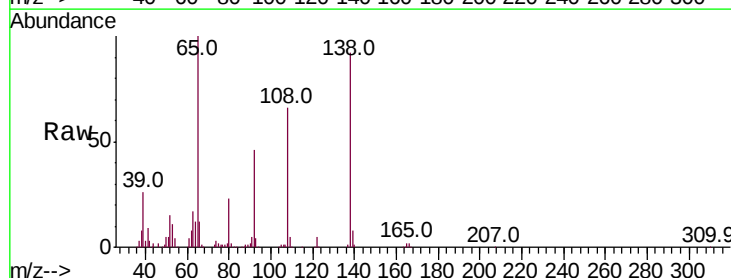


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

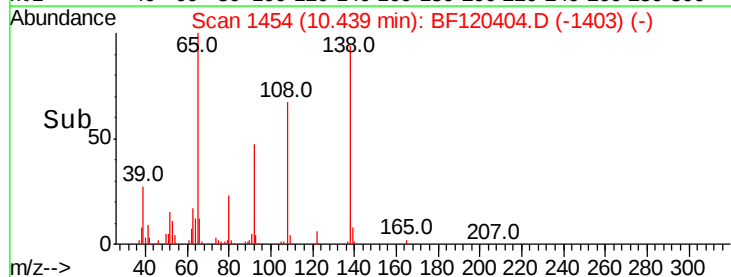
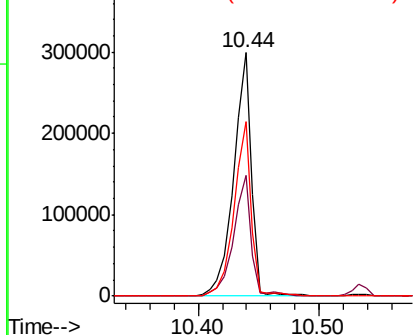


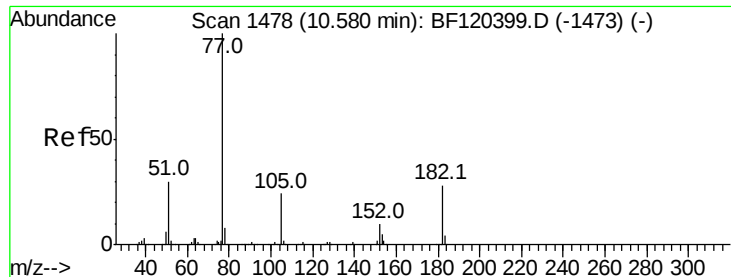
#62
4-Nitroaniline
Concen: 37.087 ng
RT: 10.44 min Scan# 1454
Delta R.T. 0.00 min
Lab File: BF120404.D
Acq: 28 May 2020 13:15

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.7	29.3	69.3
108	71.9	51.8	91.8



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 37.740 ng

RT: 10.58 min Scan# 1478

Delta R.T. 0.00 min

Lab File: BF120404.D

Acq: 28 May 2020 13:15

Instrument :

BNA_F

ClientSampleId :

ICVBF052820

Tot Ion: 77 Resp: 1205171

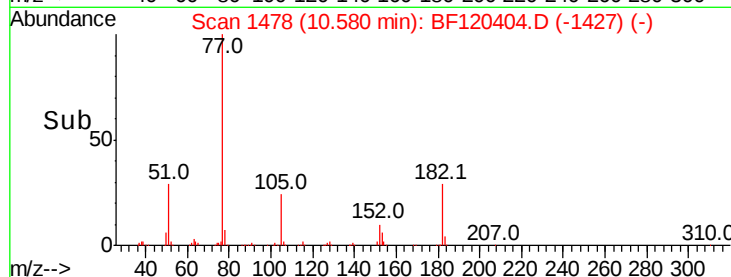
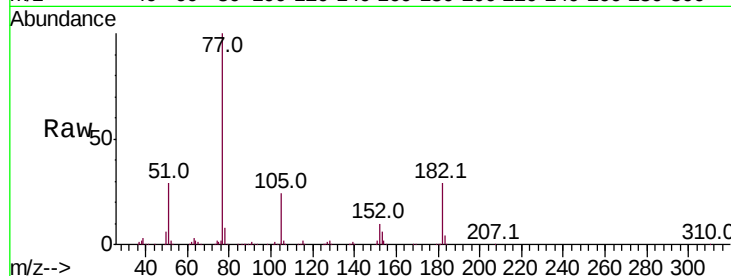
Ion Ratio Lower Upper

77 100

182 29.1 8.1 48.1

105 24.1 3.8 43.8

51 29.4 10.1 50.1

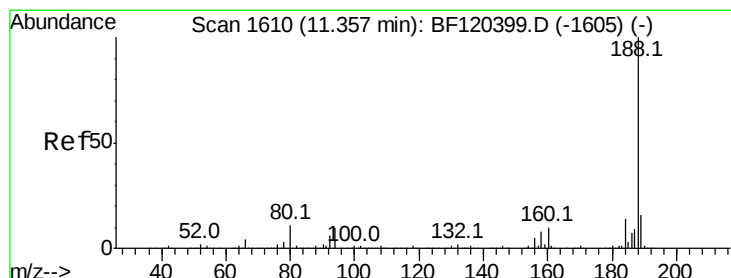
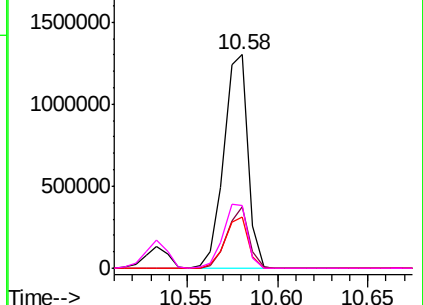


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.36 min Scan# 1610

Delta R.T. 0.00 min

Lab File: BF120404.D

Acq: 28 May 2020 13:15

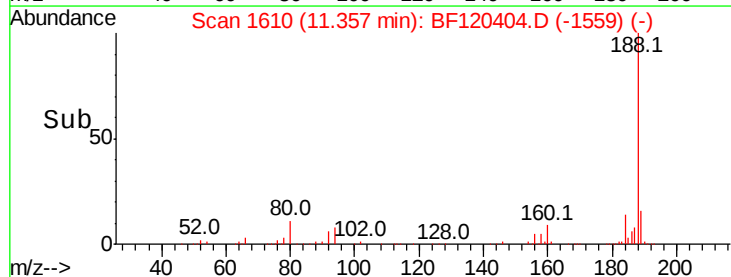
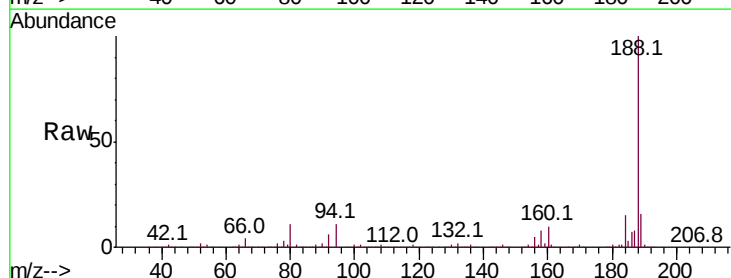
Tgt Ion: 188 Resp: 1014826

Ion Ratio Lower Upper

188 100

94 10.6 7.9 11.9

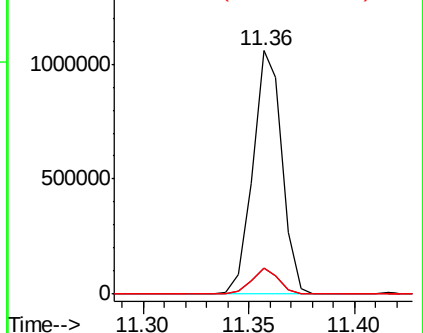
80 10.9 8.6 13.0

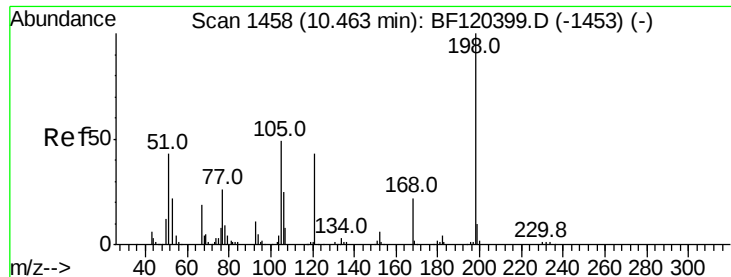


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 40.551 ng

RT: 10.46 min Scan# 1458

Delta R.T. 0.00 min

Lab File: BF120404.D

Acq: 28 May 2020 13:15

Instrument :

BNA_F

ClientSampleId :

ICVBF052820

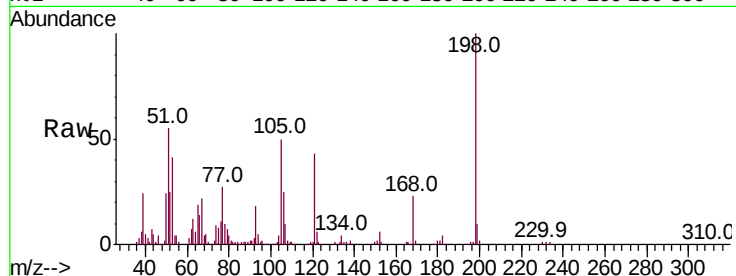
Tot Ion:198 Resp: 150101

Ion Ratio Lower Upper

198 100

51 55.1 34.1 74.1

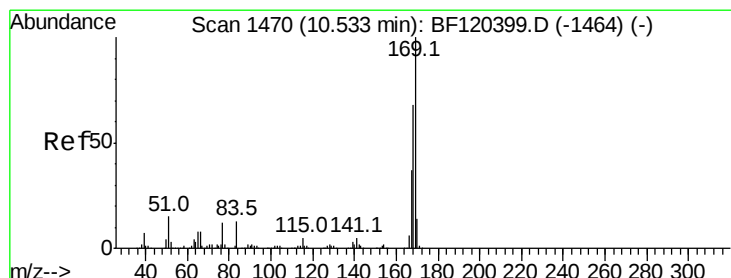
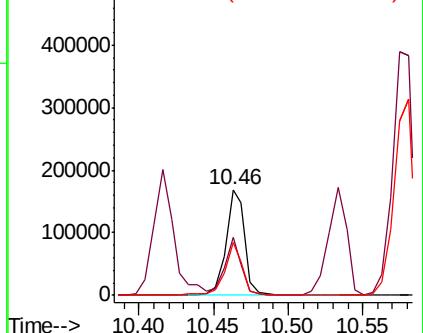
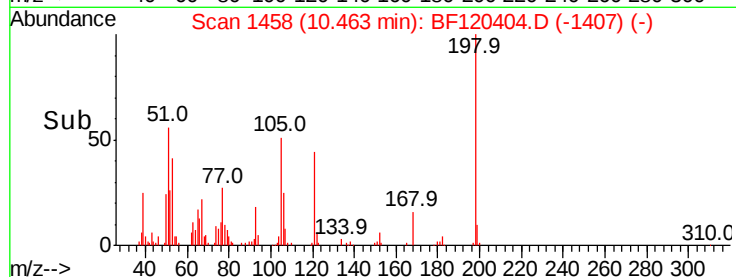
105 50.1 30.5 70.5



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 38.104 ng

RT: 10.53 min Scan# 1470

Delta R.T. 0.00 min

Lab File: BF120404.D

Acq: 28 May 2020 13:15

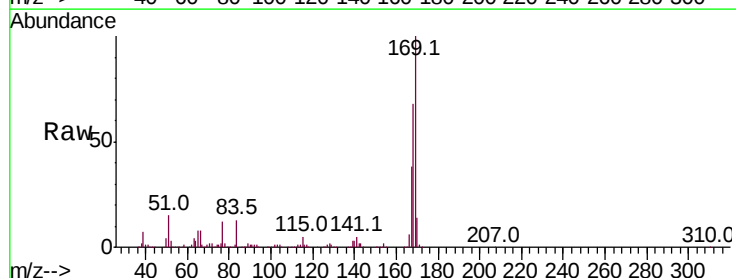
Tgt Ion:169 Resp: 1074149

Ion Ratio Lower Upper

169 100

168 67.6 54.2 81.2

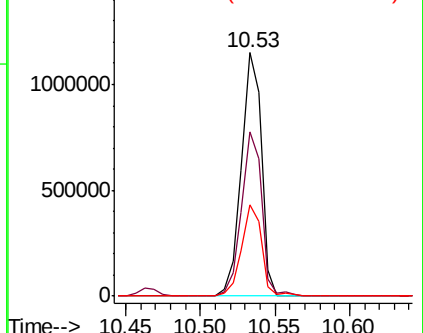
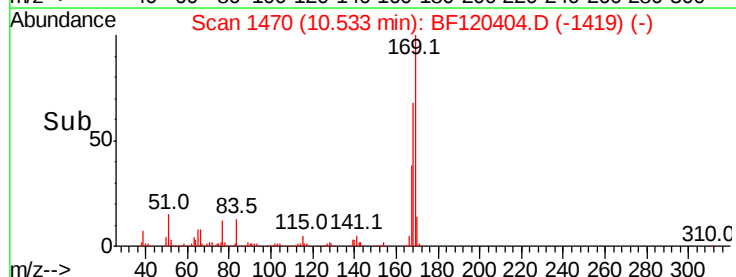
167 37.6 29.8 44.8

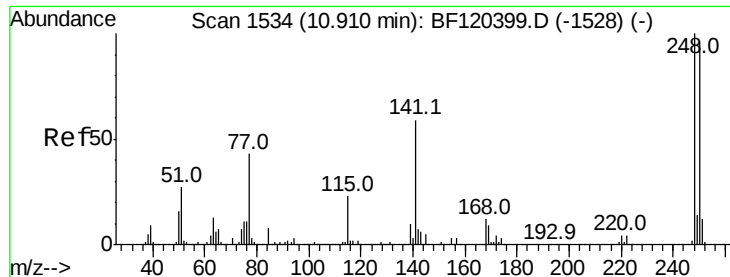


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

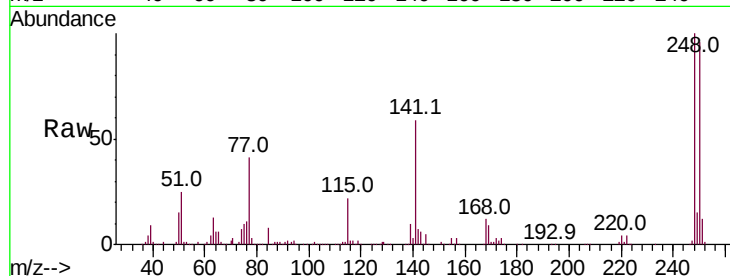




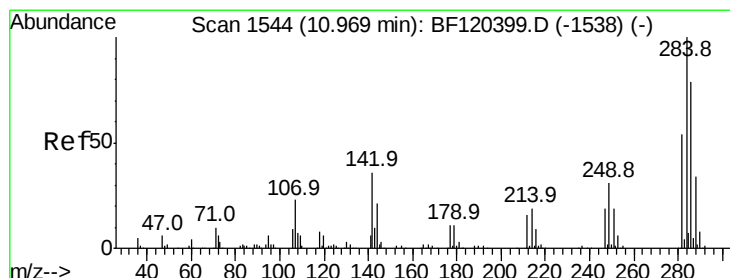
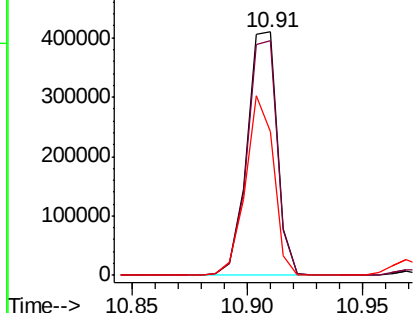
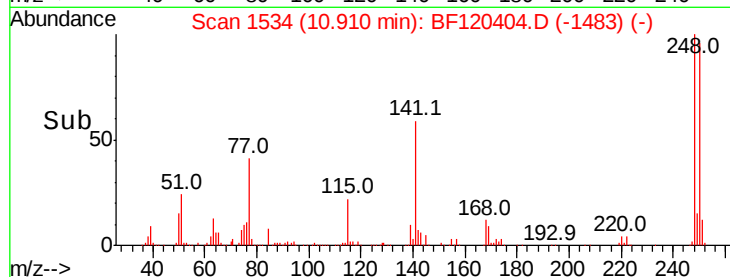
#67
4-Bromophenyl-phenylether
Concen: 36.663 ng
RT: 10.91 min Scan# 1534
Delta R.T. 0.00 min
Lab File: BF120404.D
Acq: 28 May 2020 13:15

Instrument :
BNA_F
ClientSampleId :
ICVBF052820

Tot Ion:248 Resp: 375566
Ion Ratio Lower Upper
248 100
250 96.4 76.5 114.7
141 59.1 47.2 70.8

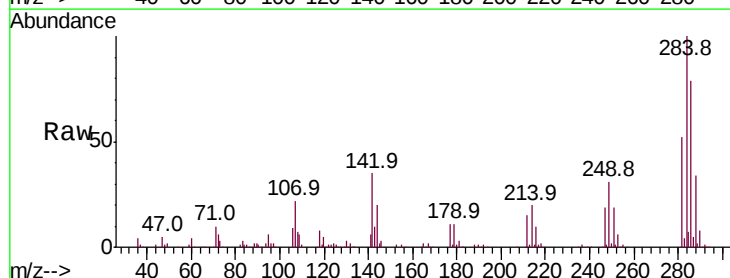


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

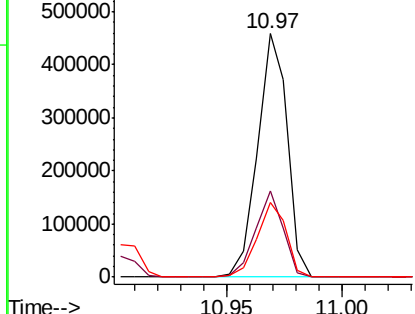
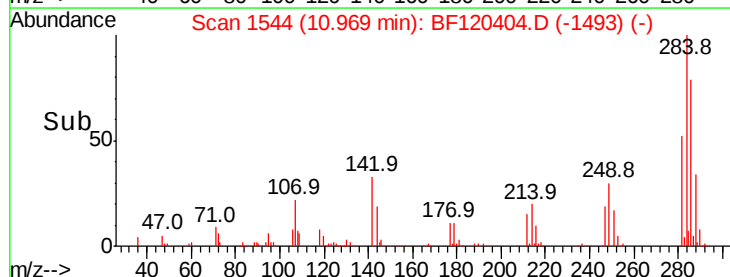


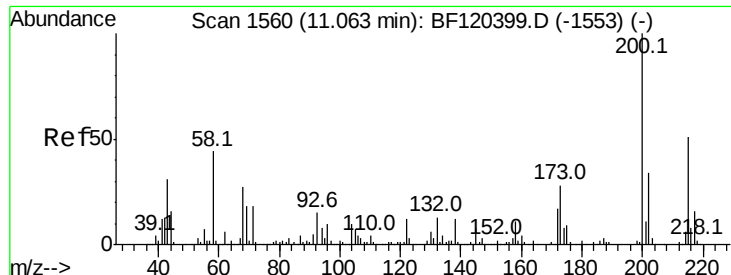
#68
Hexachlorobenzene
Concen: 37.653 ng
RT: 10.97 min Scan# 1544
Delta R.T. 0.00 min
Lab File: BF120404.D
Acq: 28 May 2020 13:15

Tgt Ion:284 Resp: 410763
Ion Ratio Lower Upper
284 100
142 35.4 28.5 42.7
249 30.7 25.0 37.6



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

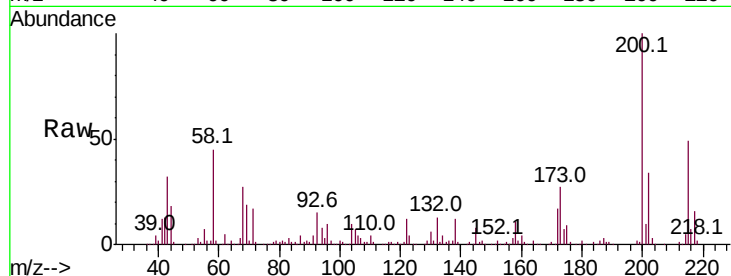




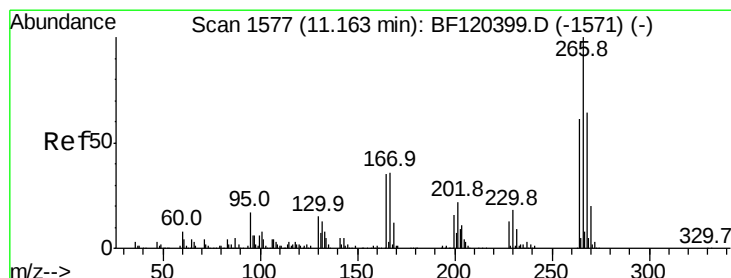
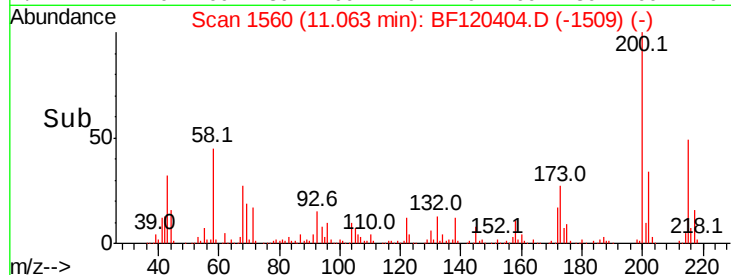
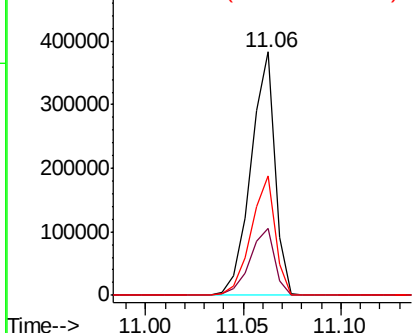
#69
Atrazine
Concen: 41.173 ng
RT: 11.06 min Scan# 1560
Delta R.T. 0.00 min
Lab File: BF120404.D
Acq: 28 May 2020 13:15

Instrument :
BNA_F
ClientSampleId :
ICVBF052820

Tot Ion:200 Resp: 327142
Ion Ratio Lower Upper
200 100
173 27.4 7.9 47.9
215 49.1 31.2 71.2

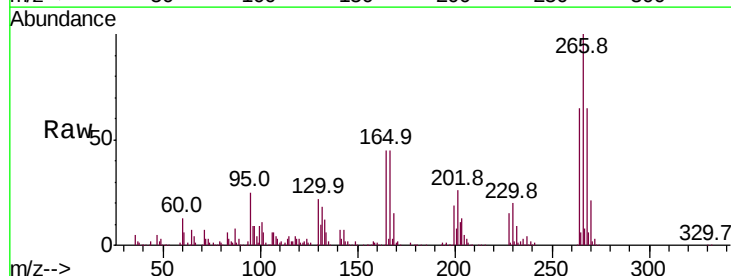


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

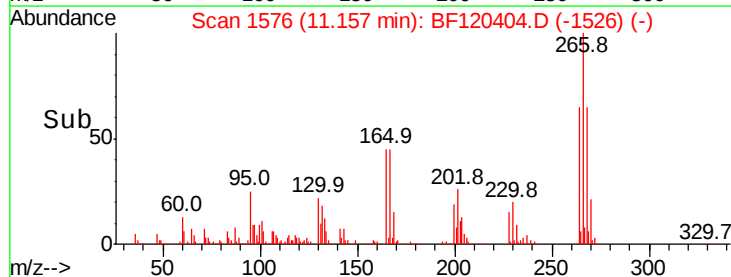
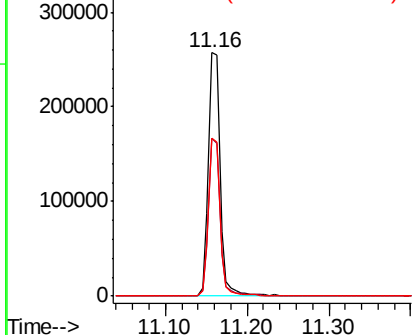


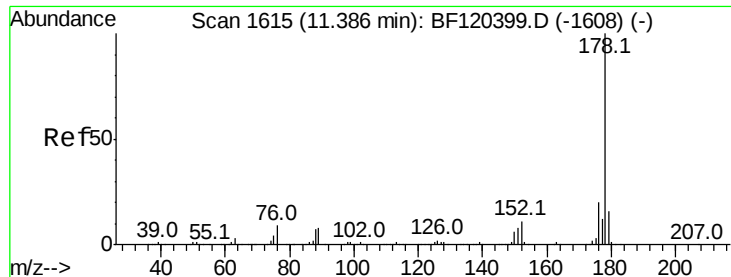
#70
Pentachlorophenol
Concen: 38.664 ng
RT: 11.16 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF120404.D
Acq: 28 May 2020 13:15

Tgt Ion:266 Resp: 257884
Ion Ratio Lower Upper
266 100
268 64.8 51.5 77.3
264 64.6 49.1 73.7



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E

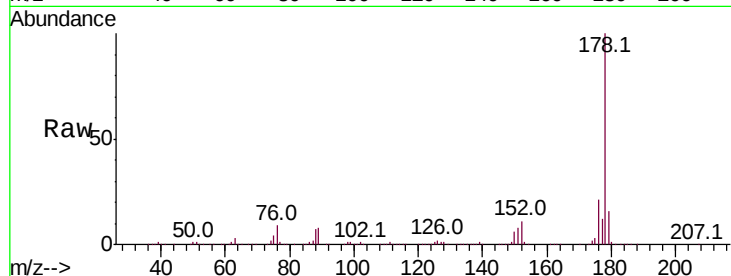




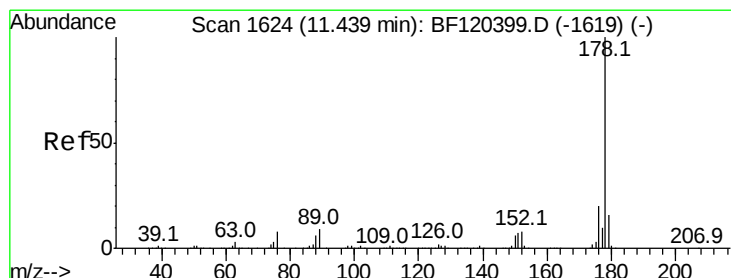
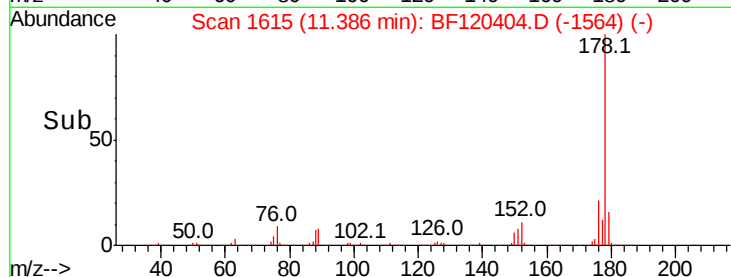
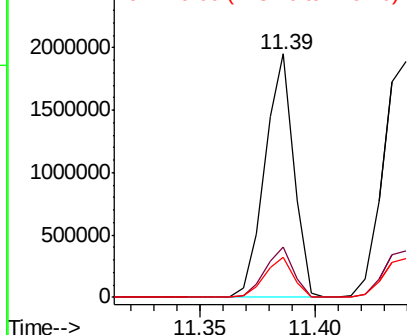
#71
Phenanthrene
Concen: 38.051 ng
RT: 11.39 min Scan# 1615
Delta R.T. 0.00 min
Lab File: BF120404.D
Acq: 28 May 2020 13:15

Instrument :
BNA_F
ClientSampleId :
ICVBF052820

Tot Ion:178 Resp: 1701517
Ion Ratio Lower Upper
178 100
176 20.9 16.4 24.6
179 16.4 13.0 19.4

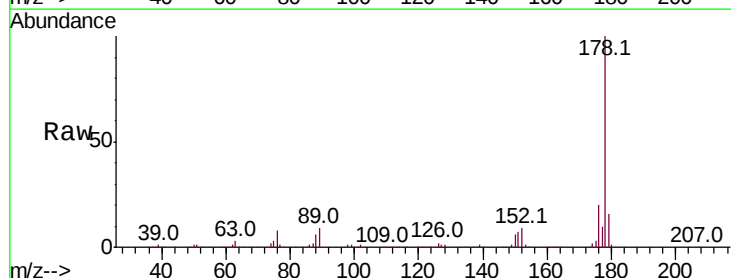


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

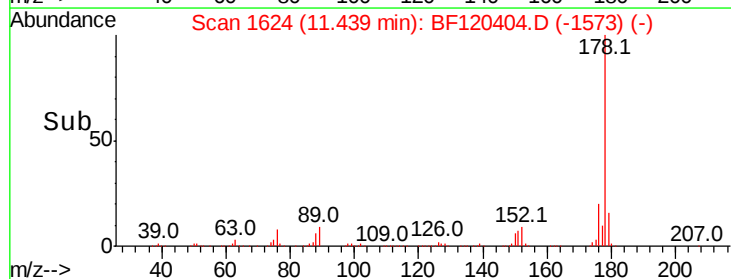
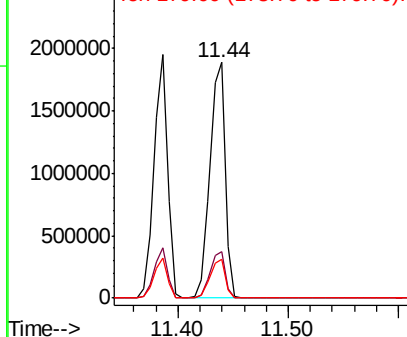


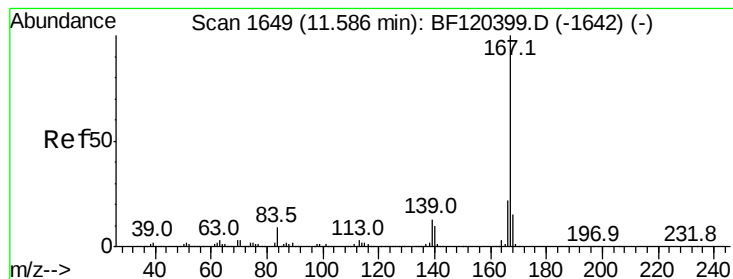
#72
Anthracene
Concen: 39.332 ng
RT: 11.44 min Scan# 1624
Delta R.T. 0.00 min
Lab File: BF120404.D
Acq: 28 May 2020 13:15

Tgt Ion:178 Resp: 1764677
Ion Ratio Lower Upper
178 100
176 19.8 15.8 23.6
179 16.2 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 37.467 ng

RT: 11.59 min Scan# 1649

Delta R.T. 0.00 min

Lab File: BF120404.D

Acq: 28 May 2020 13:15

Instrument :

BNA_F

ClientSampleId :

ICVBF052820

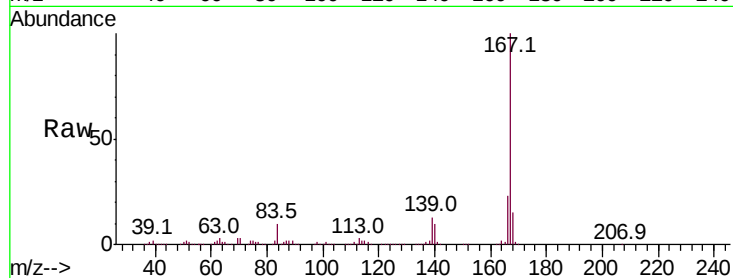
Tot Ion:167 Resp: 1625872

Ion Ratio Lower Upper

167 100

166 22.7 17.8 26.6

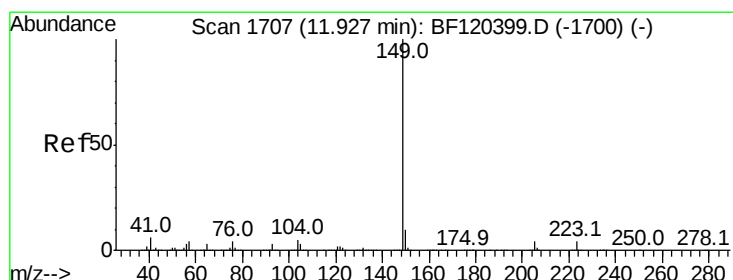
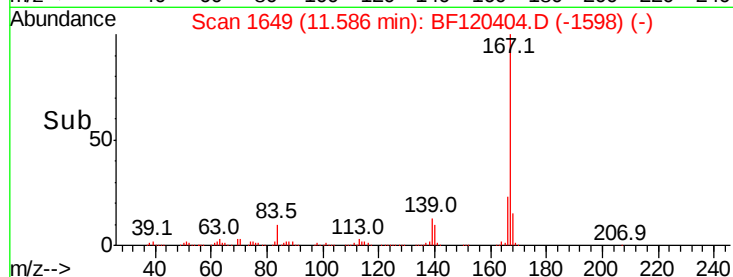
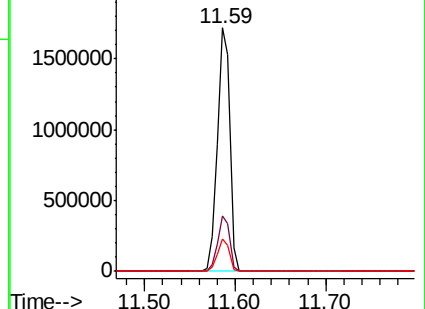
139 13.3 10.4 15.6



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 38.202 ng

RT: 11.93 min Scan# 1707

Delta R.T. 0.00 min

Lab File: BF120404.D

Acq: 28 May 2020 13:15

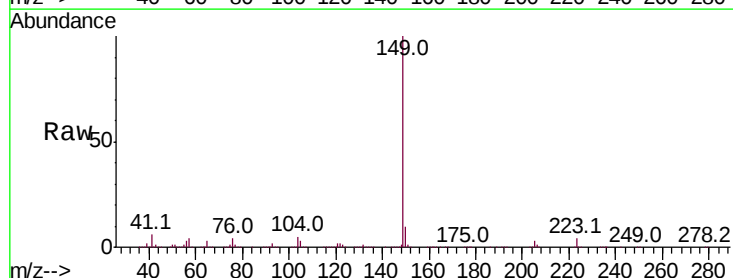
Tgt Ion:149 Resp: 1928433

Ion Ratio Lower Upper

149 100

150 9.5 7.7 11.5

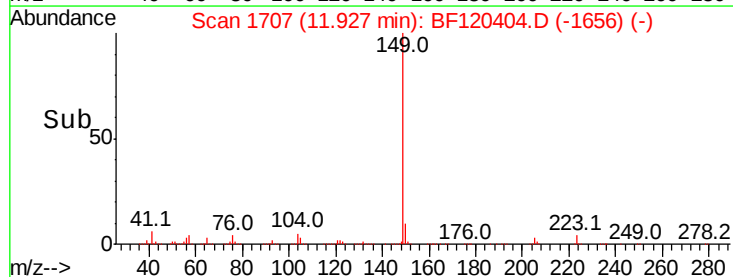
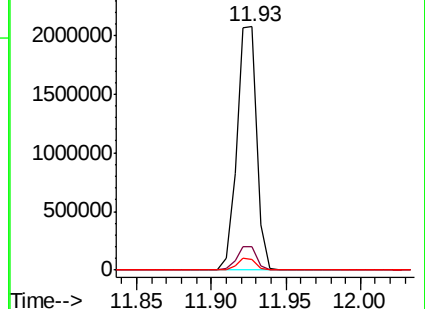
104 4.6 3.6 5.4

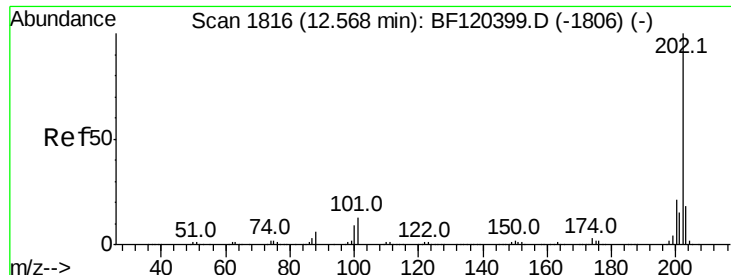


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



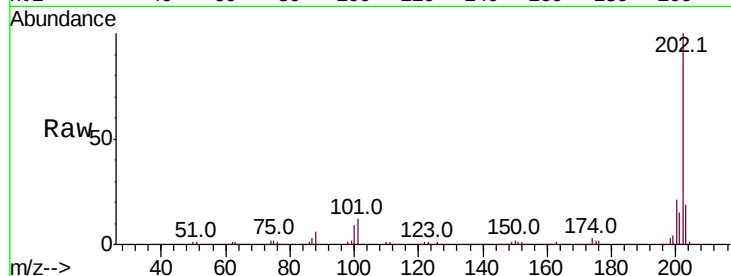


#75
Fluoranthene
 Concen: 38.859 ng
 RT: 12.57 min Scan# 1816
 Delta R.T. 0.00 min
 Lab File: BF120404.D
 Acq: 28 May 2020 13:15

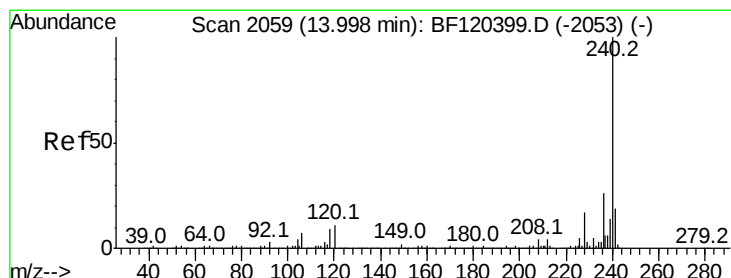
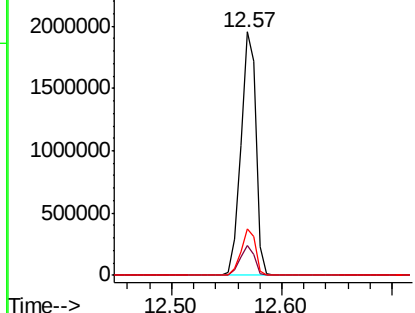
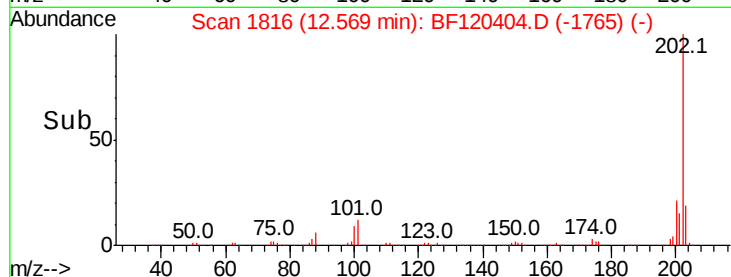
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF052820

Tot Ion:202 Resp: 1869736

Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	32.6
203	18.8	0.0	38.4



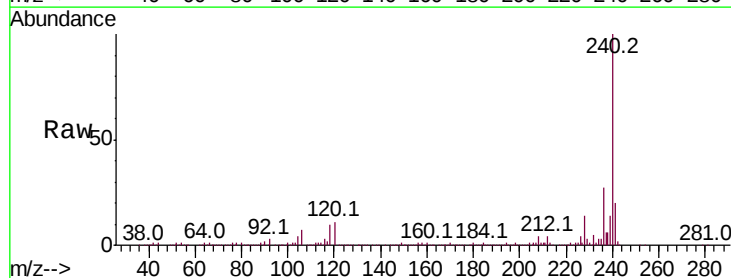
Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E



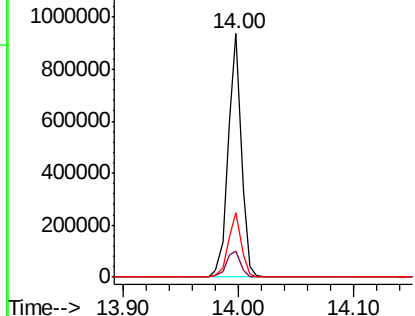
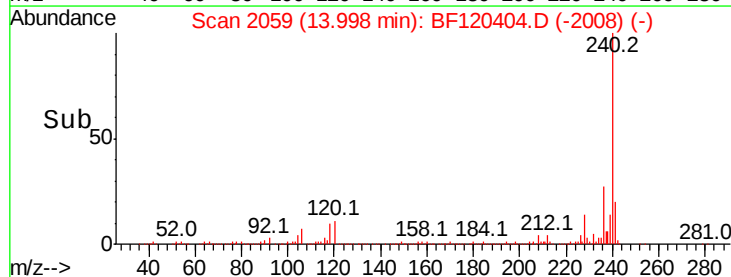
#76
Chrysene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2059
 Delta R.T. 0.00 min
 Lab File: BF120404.D
 Acq: 28 May 2020 13:15

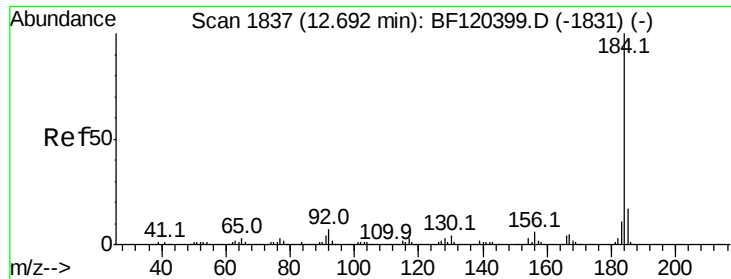
Tgt Ion:240 Resp: 734960

Ion	Ratio	Lower	Upper
240	100		
120	10.6	8.8	13.2
236	26.6	21.0	31.4



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 46.748 ng

RT: 12.69 min Scan# 1837

Delta R.T. 0.00 min

Lab File: BF120404.D

Acq: 28 May 2020 13:15

Instrument :

BNA_F

ClientSampleId :

ICVBF052820

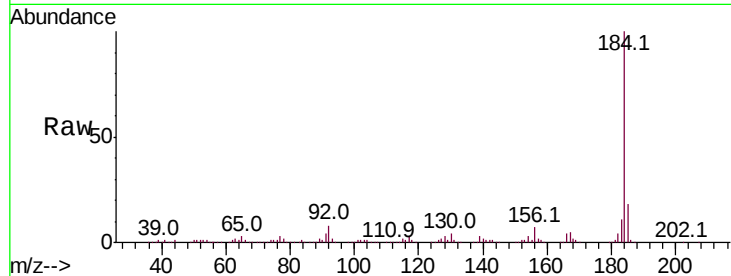
Tot Ion:184 Resp: 902745

Ion Ratio Lower Upper

184 100

185 17.5 13.4 20.0

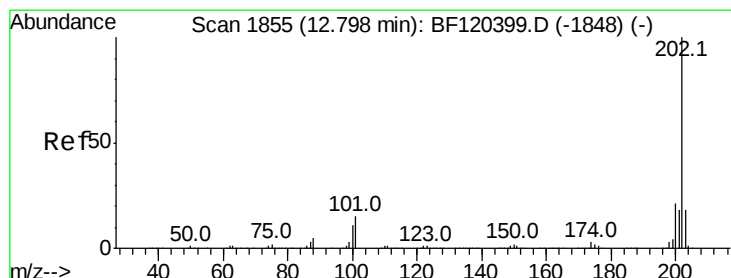
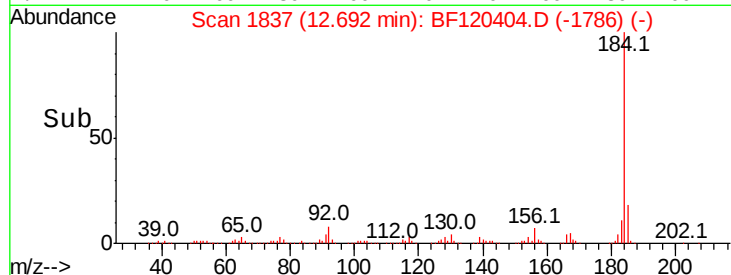
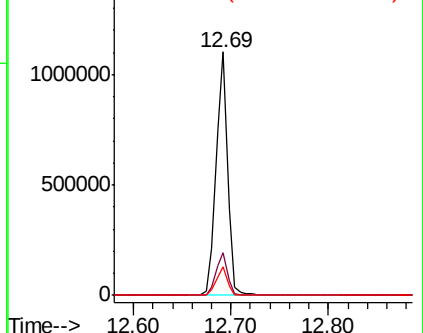
183 11.5 8.6 12.8



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 37.326 ng

RT: 12.80 min Scan# 1855

Delta R.T. 0.00 min

Lab File: BF120404.D

Acq: 28 May 2020 13:15

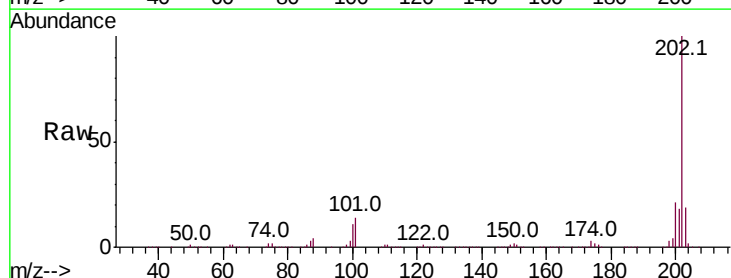
Tgt Ion:202 Resp: 1907837

Ion Ratio Lower Upper

202 100

200 21.3 17.0 25.4

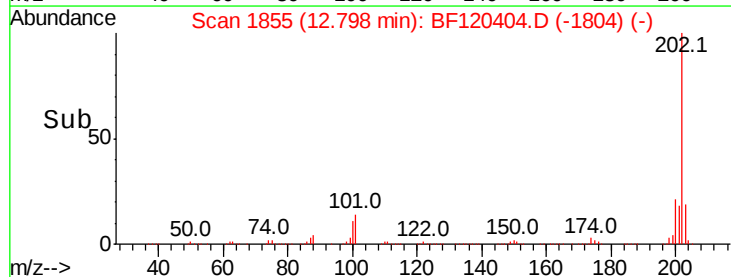
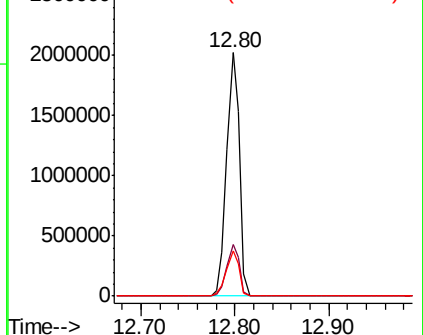
203 18.6 14.7 22.1

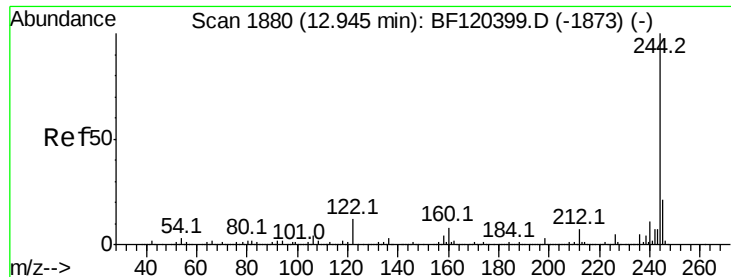


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 73.737 ng

RT: 12.94 min Scan# 1880

Delta R.T. 0.00 min

Lab File: BF120404.D

Acq: 28 May 2020 13:15

Instrument :

BNA_F

ClientSampleId :

ICVBF052820

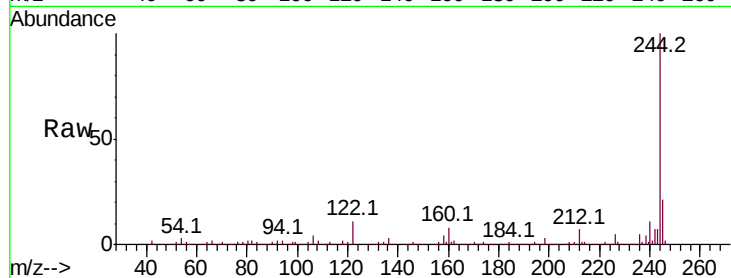
Tot Ion:244 Resp: 2435405

Ion Ratio Lower Upper

244 100

212 7.4 5.9 8.9

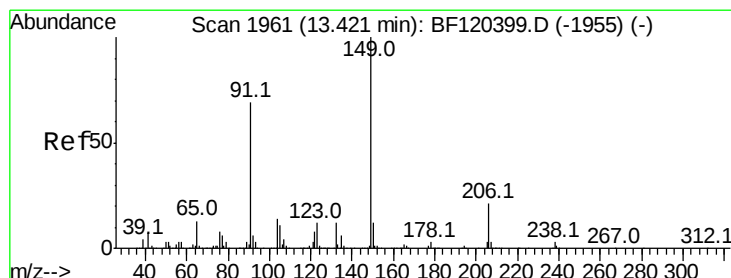
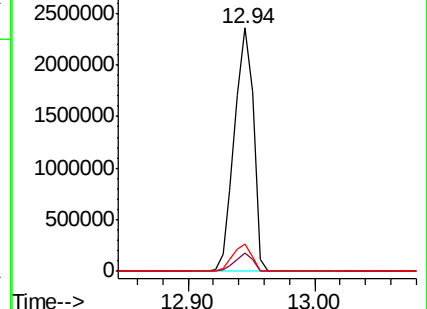
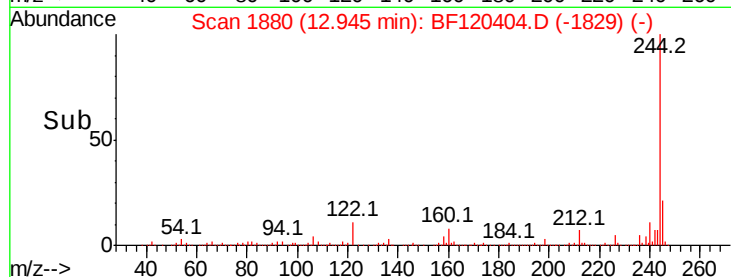
122 11.4 9.2 13.8



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 37.517 ng

RT: 13.42 min Scan# 1961

Delta R.T. 0.00 min

Lab File: BF120404.D

Acq: 28 May 2020 13:15

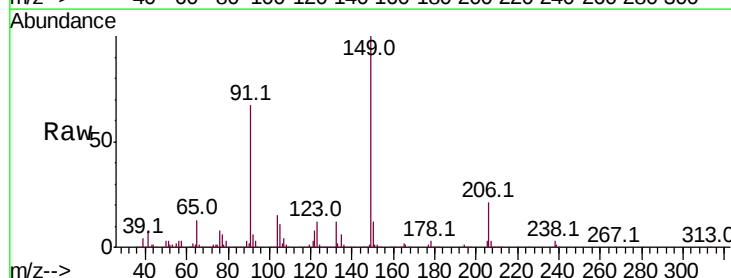
Tgt Ion:149 Resp: 800534

Ion Ratio Lower Upper

149 100

91 67.3 55.0 82.4

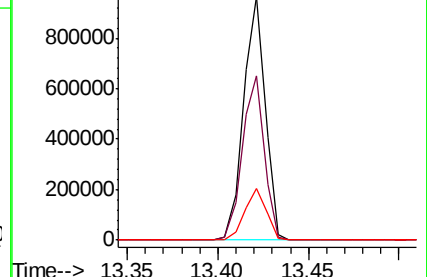
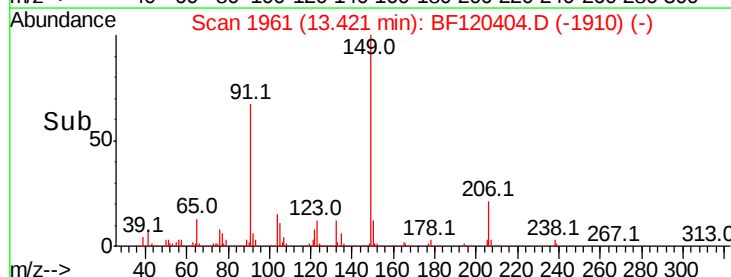
206 21.0 17.0 25.4

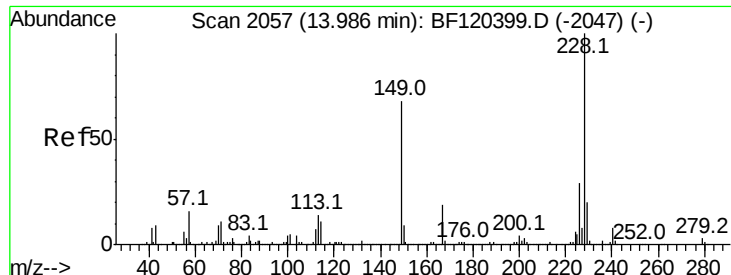


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

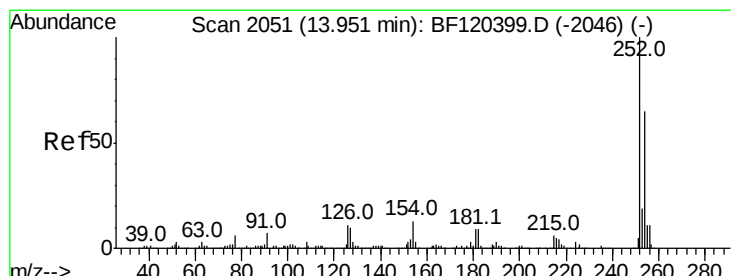
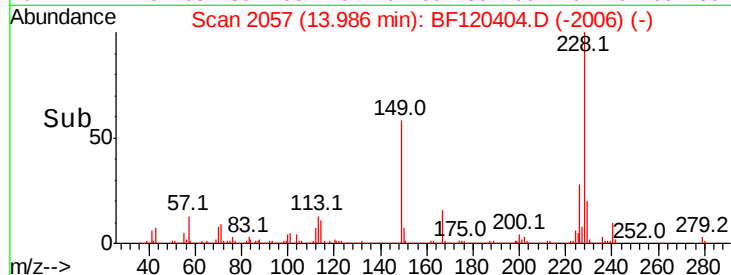
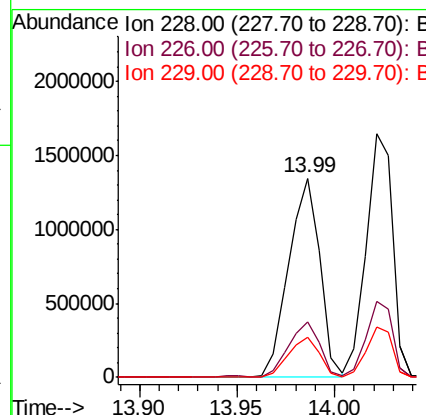
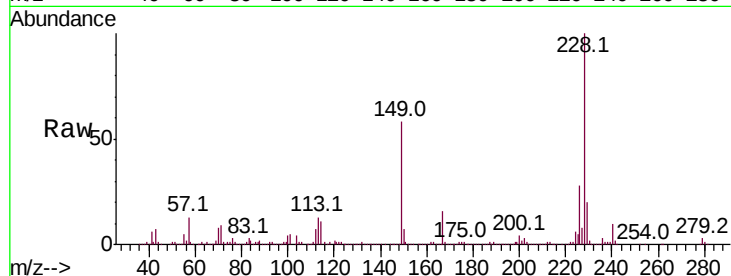




#81
Benzo(a)anthracene
Concen: 37.797 ng
RT: 13.99 min Scan# 2057
Delta R.T. 0.00 min
Lab File: BF120404.D
Acq: 28 May 2020 13:15

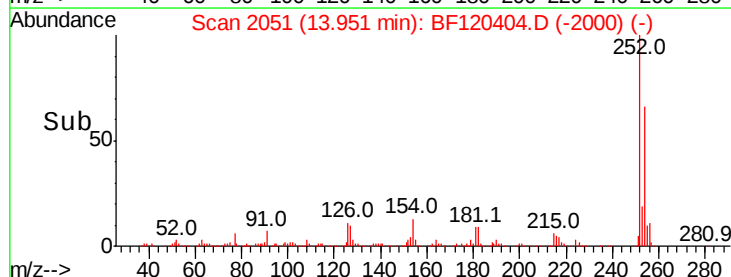
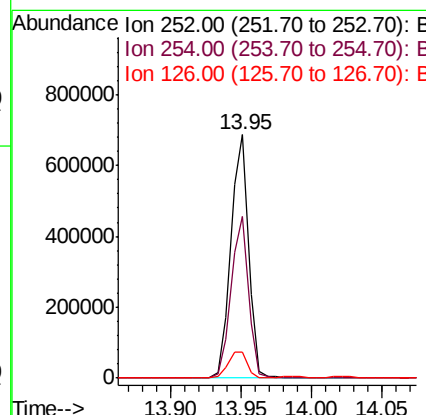
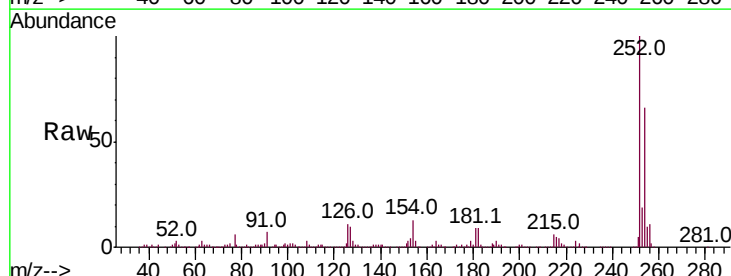
Instrument :
BNA_F
ClientSampleId :
ICVBF052820

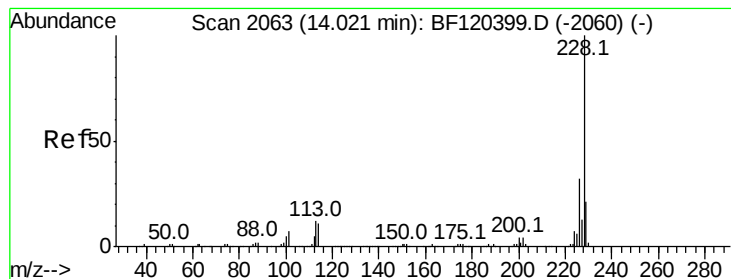
Tot Ion:228 Resp: 1488803
Ion Ratio Lower Upper
228 100
226 27.6 23.0 34.4
229 20.2 16.2 24.4



#82
3,3'-Dichlorobenzidine
Concen: 41.751 ng
RT: 13.95 min Scan# 2051
Delta R.T. 0.00 min
Lab File: BF120404.D
Acq: 28 May 2020 13:15

Tgt Ion:252 Resp: 597061
Ion Ratio Lower Upper
252 100
254 66.3 51.8 77.6
126 10.9 8.5 12.7





#83

Chrysene

Concen: 37.571 ng

RT: 14.02 min Scan# 2063

Delta R.T. 0.00 min

Lab File: BF120404.D

Acq: 28 May 2020 13:15

Instrument :

BNA_F

ClientSampleId :

ICVBF052820

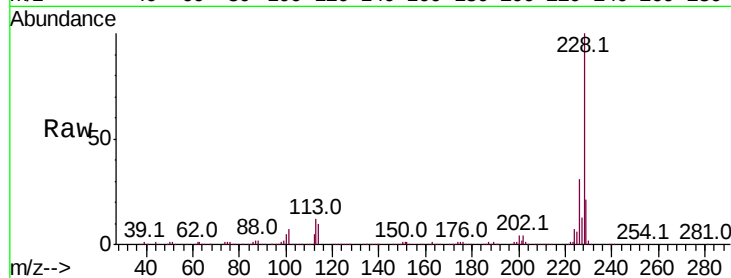
Tot Ion:228 Resp: 1551517

Ion Ratio Lower Upper

228 100

226 31.1 25.6 38.4

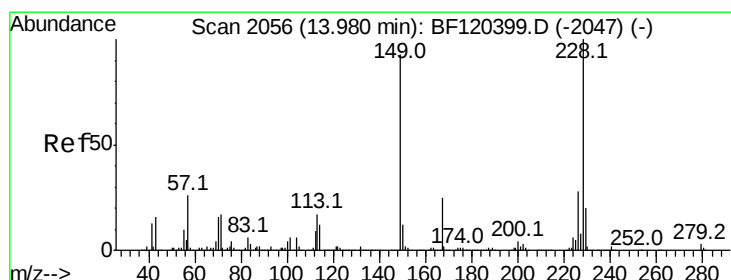
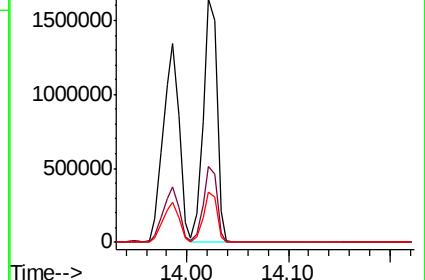
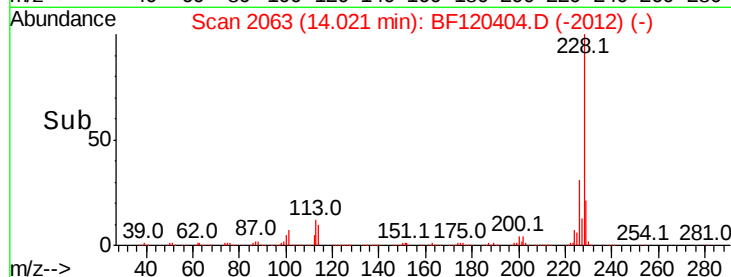
229 20.9 16.6 25.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.051 ng

RT: 13.98 min Scan# 2056

Delta R.T. 0.00 min

Lab File: BF120404.D

Acq: 28 May 2020 13:15

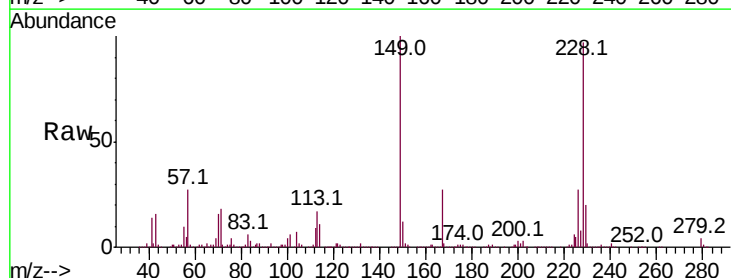
Tgt Ion:149 Resp: 953104

Ion Ratio Lower Upper

149 100

167 27.0 21.7 32.5

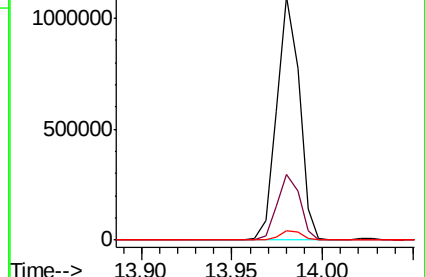
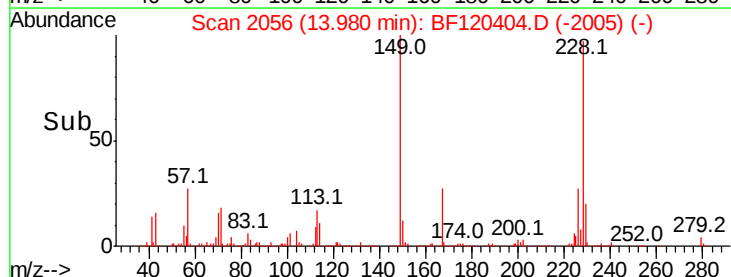
279 3.6 2.9 4.3

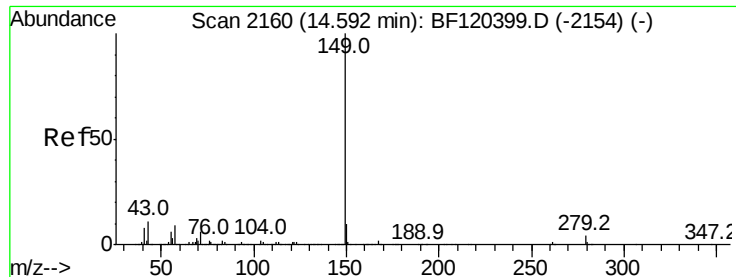


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

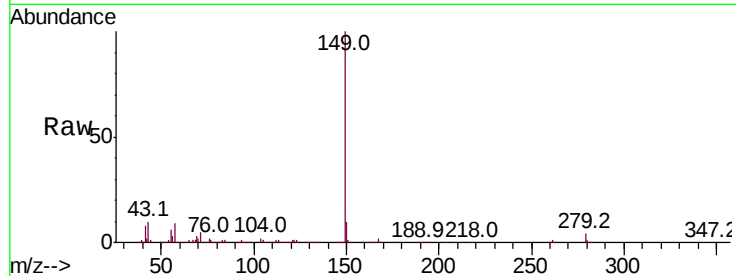




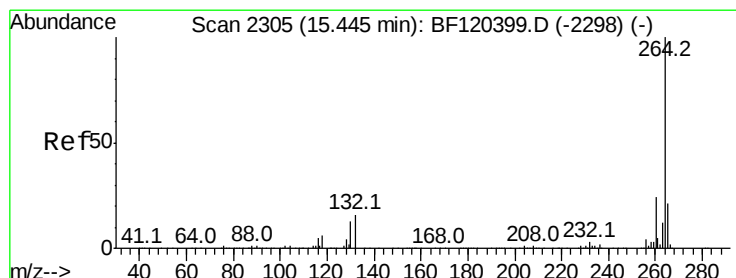
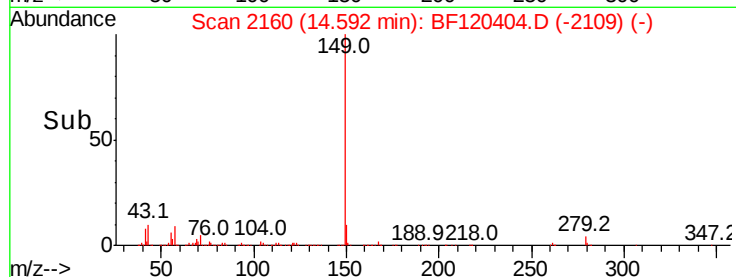
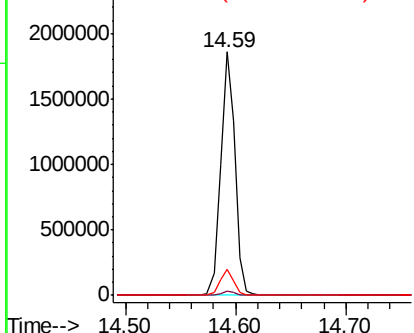
#85
Di-n-octyl phthalate
Concen: 38.574 ng
RT: 14.59 min Scan# 2160
Delta R.T. 0.00 min
Lab File: BF120404.D
Acq: 28 May 2020 13:15

Instrument :
BNA_F
ClientSampleId :
ICVBF052820

Tot Ion:149 Resp: 1671857
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 10.2 8.1 12.1

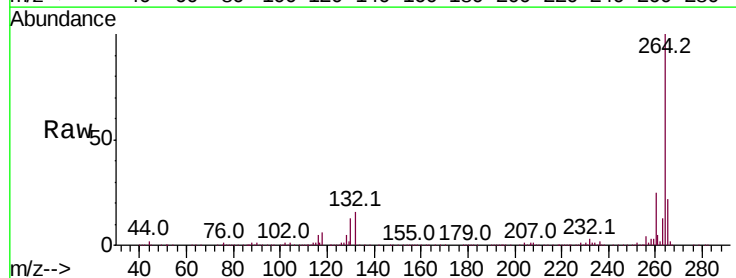


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

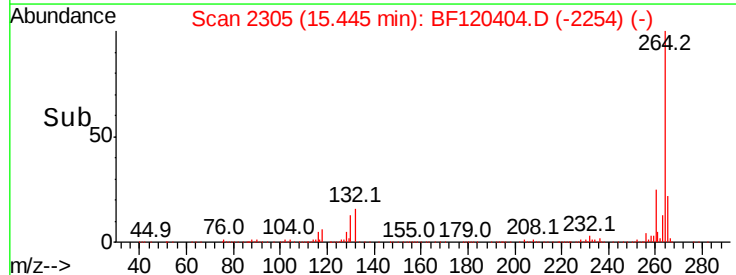
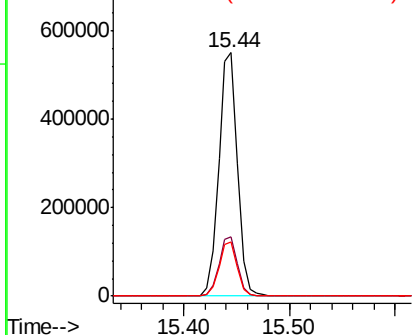


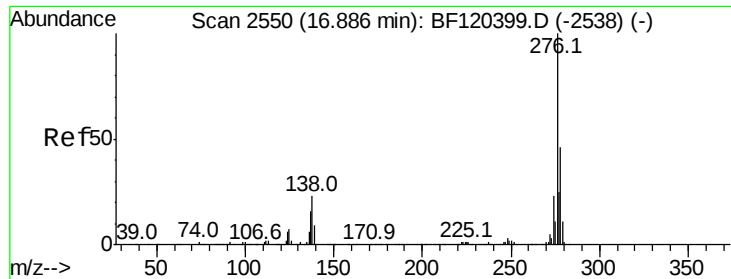
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2305
Delta R.T. 0.00 min
Lab File: BF120404.D
Acq: 28 May 2020 13:15

Tgt Ion:264 Resp: 680872
Ion Ratio Lower Upper
264 100
260 24.5 19.2 28.8
265 22.2 16.9 25.3



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

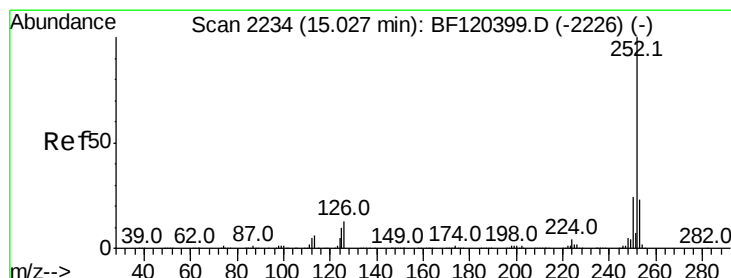
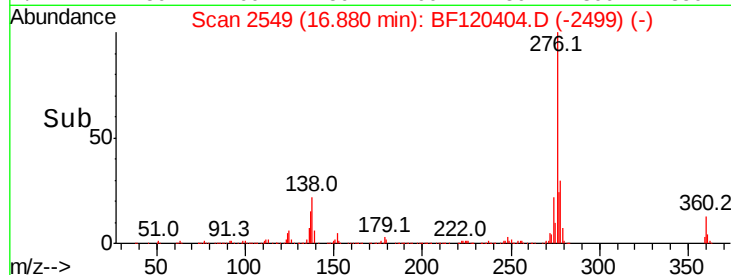
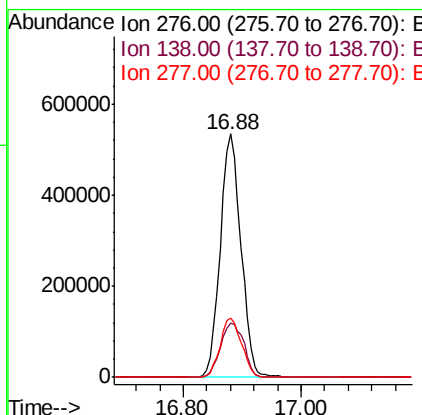
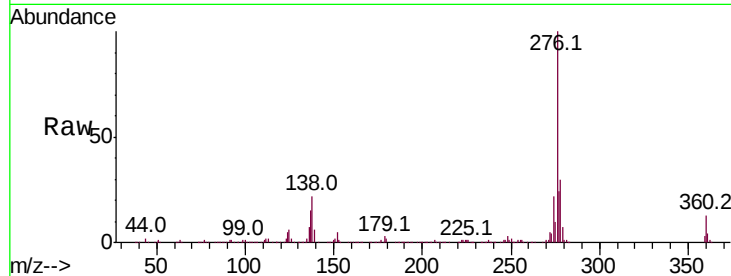




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 35.037 ng
 RT: 16.88 min Scan# 2549
 Delta R.T. -0.01 min
 Lab File: BF120404.D
 Acq: 28 May 2020 13:15

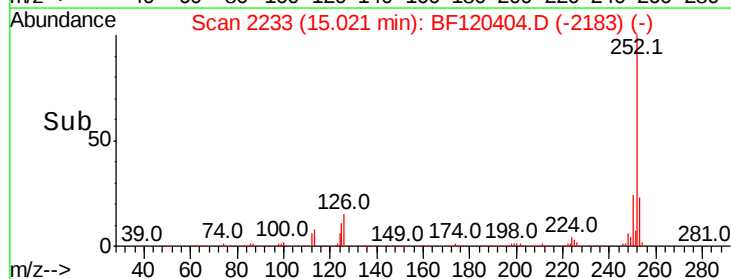
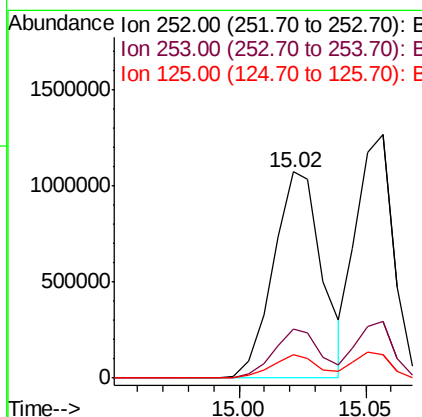
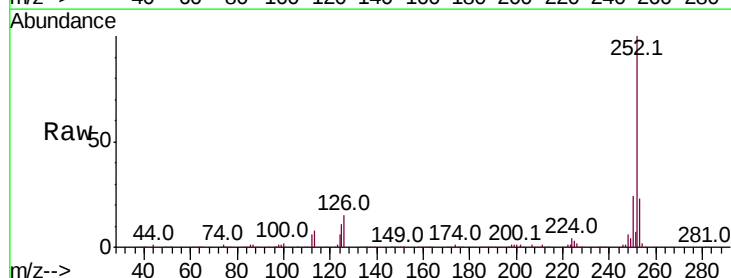
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF052820

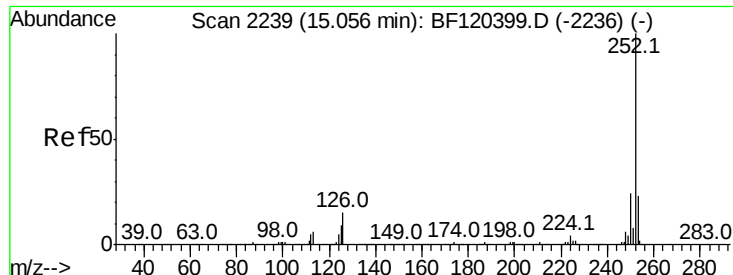
Tot Ion:276 Resp: 1304760
 Ion Ratio Lower Upper
 276 100
 138 25.4 20.4 30.6
 277 25.2 20.4 30.6



#88
 Benzo(b)fluoranthene
 Concen: 37.979 ng
 RT: 15.02 min Scan# 2233
 Delta R.T. -0.01 min
 Lab File: BF120404.D
 Acq: 28 May 2020 13:15

Tgt Ion:252 Resp: 1436296
 Ion Ratio Lower Upper
 252 100
 253 23.5 18.1 27.1
 125 11.2 7.8 11.8

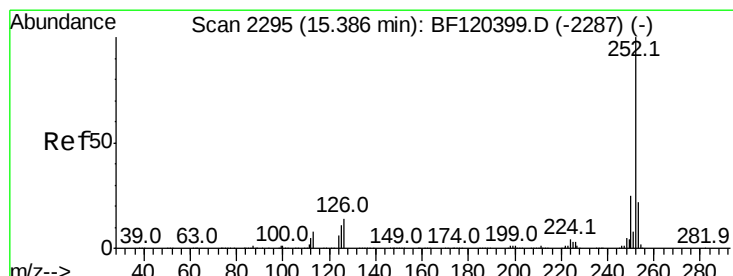
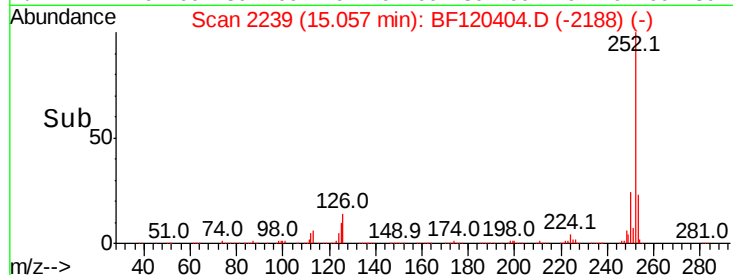
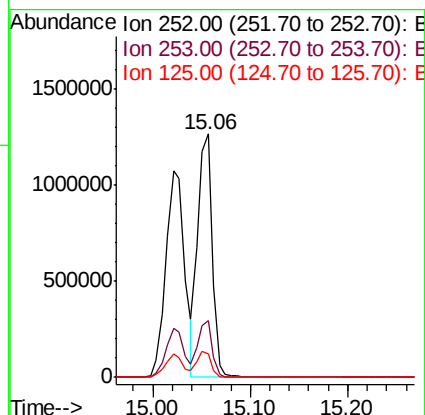
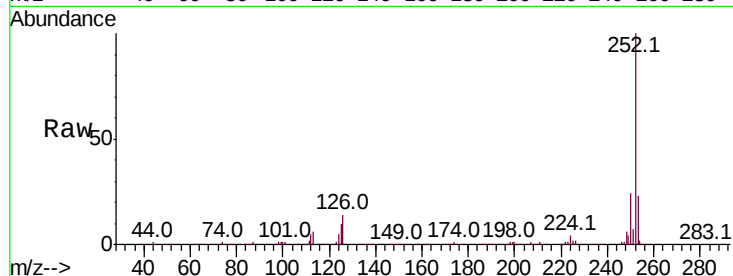




#89
Benzo(k)fluoranthene
Concen: 37.059 ng
RT: 15.06 min Scan# 2239
Delta R.T. 0.00 min
Lab File: BF120404.D
Acq: 28 May 2020 13:15

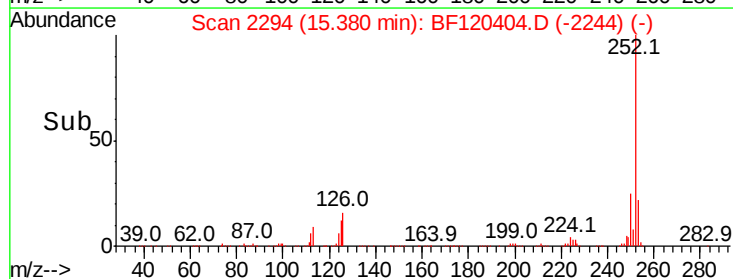
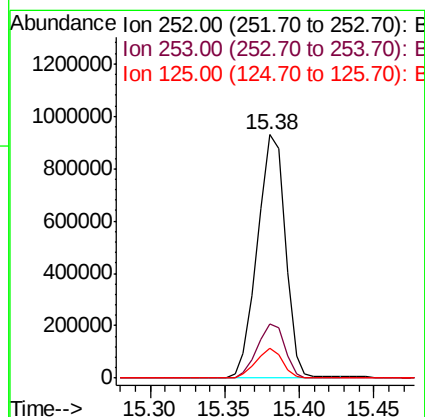
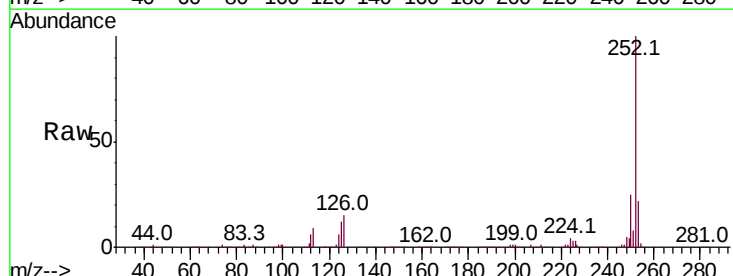
Instrument :
BNA_F
ClientSampleId :
ICVBF052820

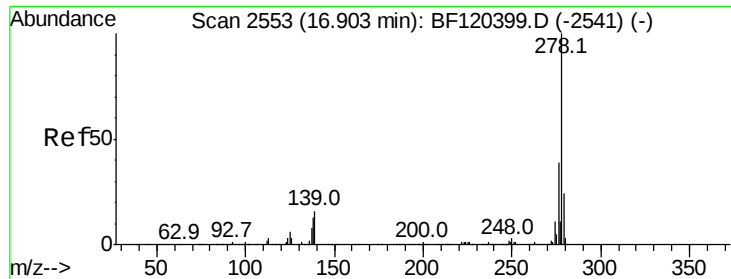
Tot Ion:252 Resp: 1308368
Ion Ratio Lower Upper
252 100
253 23.0 18.5 27.7
125 9.8 8.0 12.0



#90
Benzo(a)pyrene
Concen: 36.386 ng
RT: 15.38 min Scan# 2294
Delta R.T. -0.01 min
Lab File: BF120404.D
Acq: 28 May 2020 13:15

Tgt Ion:252 Resp: 1203613
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.0
125 12.0 8.7 13.1

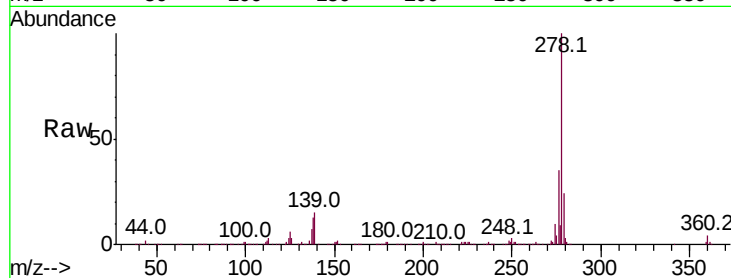




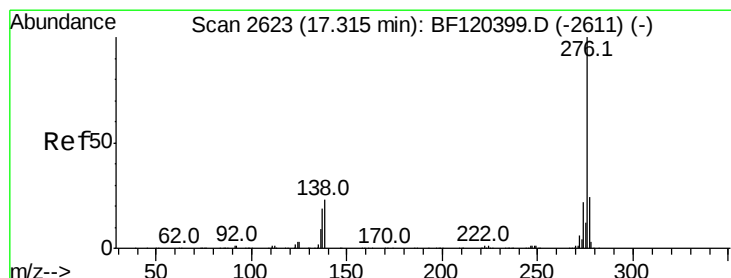
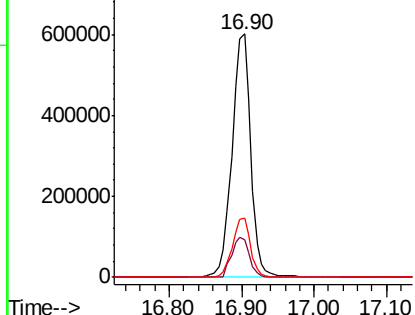
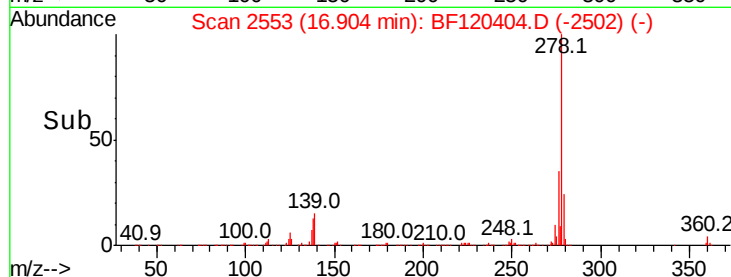
#91
Dibenzo(a,h)anthracene
Concen: 35.776 ng
RT: 16.90 min Scan# 2553
Delta R.T. 0.00 min
Lab File: BF120404.D
Acq: 28 May 2020 13:15

Instrument :
BNA_F
ClientSampleId :
ICVBF052820

Tot Ion:278 Resp: 1086196
Ion Ratio Lower Upper
278 100
139 15.4 12.8 19.2
279 24.4 19.0 28.4

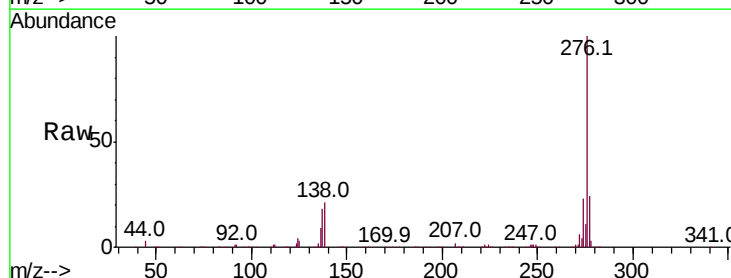


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 35.379 ng
RT: 17.32 min Scan# 2623
Delta R.T. 0.00 min
Lab File: BF120404.D
Acq: 28 May 2020 13:15

Tgt Ion:276 Resp: 1059418
Ion Ratio Lower Upper
276 100
277 24.0 19.5 29.3
138 21.1 18.1 27.1



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

