

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061020\
 Data File : BF120594.D
 Acq On : 10 Jun 2020 17:56
 Operator : JU/CG
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF061020

Quant Time: Jun 10 18:37:18 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 10 18:10:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	181995	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	688681	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	347693	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	675733	20.00	ng	0.00
76) Chrysene-d12	13.96	240	476737	20.00	ng	0.00
86) Perylene-d12	15.40	264	525198	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	873369	82.27	ng	0.00
7) Phenol-d6	6.44	99	1142385	86.40	ng	0.00
23) Nitrobenzene-d5	7.37	82	1010840	82.04	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	354849	87.78	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1831997	80.62	ng	0.00
79) Terphenyl-d14	12.91	244	1819671	84.31	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.51	88	202444	40.238	ng	100
3) Pyridine	3.25	79	574415	40.613	ng	98
4) n-Nitrosodimethylamine	3.20	42	238880	40.698	ng	97
6) Aniline	6.46	93	747289	44.165	ng	99
8) 2-Chlorophenol	6.59	128	507879	42.339	ng	99
9) Benzaldehyde	6.35	77	364673	43.607	ng	98
10) Phenol	6.45	94	613927	43.521	ng	97
11) bis(2-Chloroethyl)ether	6.54	93	500062	42.559	ng	99
12) 1,3-Dichlorobenzene	6.75	146	549277	43.071	ng	100
13) 1,4-Dichlorobenzene	6.82	146	545852	43.382	ng	100
14) 1,2-Dichlorobenzene	6.97	146	511662	41.746	ng	99
15) Benzyl Alcohol	6.95	79	410907	43.825	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.08	45	767220	45.349	ng	100
17) 2-Methylphenol	7.06	107	453440	44.320	ng	100
18) Hexachloroethane	7.32	117	205119	44.241	ng	97
19) n-Nitroso-di-n-propylamine	7.22	70	327145	42.657	ng	97
20) 3+4-Methylphenols	7.21	107	507090	39.664	ng	99
22) Acetophenone	7.22	105	617290	40.092	ng	99
24) Nitrobenzene	7.39	77	535612	41.542	ng	97
25) Isophorone	7.63	82	985071	41.045	ng	98
26) 2-Nitrophenol	7.70	139	282772	41.457	ng	99
27) 2,4-Dimethylphenol	7.74	122	412847	41.108	ng	98
28) bis(2-Chloroethoxy)methane	7.83	93	613068	44.067	ng	100
29) 2,4-Dichlorophenol	7.95	162	432458	42.362	ng	99
30) 1,2,4-Trichlorobenzene	8.03	180	483934	42.775	ng	100
31) Naphthalene	8.11	128	1472435	43.542	ng	99
32) Benzoic acid	7.87	122	334035	43.350	ng	100
33) 4-Chloroaniline	8.16	127	661272	42.603	ng	99
34) Hexachlorobutadiene	8.22	225	295332	44.783	ng	99
35) Caprolactam	8.53	113	137899	42.235	ng	# 83
36) 4-Chloro-3-methylphenol	8.64	107	447764	43.902	ng	99
37) 2-Methylnaphthalene	8.80	142	958547	43.421	ng	99
38) 1-Methylnaphthalene	8.90	142	929156	44.730	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	462724	44.571	ng	99

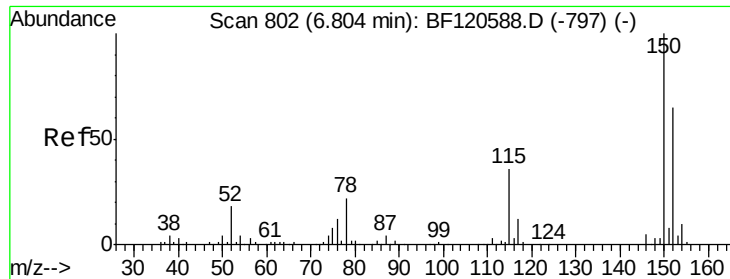
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061020\
 Data File : BF120594.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	268976	46.234	ng	98
43) 2,4,6-Trichlorophenol	9.07	196	322600	43.805	ng	99
44) 2,4,5-Trichlorophenol	9.12	196	367777	44.018	ng	97
46) 1,1'-Biphenyl	9.26	154	1152785	44.402	ng	100
47) 2-Chloronaphthalene	9.29	162	943067	44.420	ng	99
48) 2-Nitroaniline	9.38	65	304335	45.642	ng	96
49) Acenaphthylene	9.70	152	1430563	43.661	ng	99
50) Dimethylphthalate	9.56	163	1114101	44.491	ng	100
51) 2,6-Dinitrotoluene	9.62	165	246296	43.400	ng	96
52) Acenaphthene	9.87	154	859883	44.003	ng	100
53) 3-Nitroaniline	9.79	138	297128	43.592	ng	98
54) 2,4-Dinitrophenol	9.90	184	137424	42.761	ng	95
55) Dibenzofuran	10.05	168	1312958	43.819	ng	99
56) 4-Nitrophenol	9.96	139	218404	42.544	ng	96
57) 2,4-Dinitrotoluene	10.03	165	329584	43.767	ng	93
58) Fluorene	10.39	166	974987	42.210	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.16	232	288619	43.908	ng	99
60) Diethylphthalate	10.26	149	1076208	43.637	ng	98
61) 4-Chlorophenyl-phenylether	10.38	204	505033	42.339	ng	95
62) 4-Nitroaniline	10.41	138	293234	43.334	ng	98
63) Azobenzene	10.54	77	1029107	45.969	ng	98
65) 4,6-Dinitro-2-methylphenol	10.44	198	182820	45.089	ng	88
66) n-Nitrosodiphenylamine	10.50	169	923761	44.516	ng	100
67) 4-Bromophenyl-phenylether	10.87	248	336792	43.916	ng	99
68) Hexachlorobenzene	10.93	284	357122	43.312	ng	99
69) Atrazine	11.03	200	283757	44.189	ng	98
70) Pentachlorophenol	11.13	266	207177	45.194	ng	99
71) Phenanthrene	11.35	178	1436070	42.752	ng	100
72) Anthracene	11.40	178	1469767	43.409	ng	100
73) Carbazole	11.55	167	1408689	42.030	ng	99
74) Di-n-butylphthalate	11.89	149	1708846	45.351	ng	100
75) Fluoranthene	12.53	202	1625630	42.329	ng	100
77) Benzidine	12.66	184	647331	40.150	ng	100
78) Pyrene	12.76	202	1453749	43.045	ng	100
80) Butylbenzylphthalate	13.38	149	661578	44.116	ng	99
81) Benzo(a)anthracene	13.95	228	1230324	42.955	ng	100
82) 3,3'-Dichlorobenzidine	13.92	252	478880	43.772	ng	99
83) Chrysene	13.99	228	1268099	43.163	ng	100
84) Bis(2-ethylhexyl)phthalate	13.94	149	837593	45.765	ng	# 98
85) Di-n-octyl phthalate	14.56	149	1546349	44.271	ng	99
87) Indeno(1,2,3-cd)pyrene	16.83	276	1383777	43.315	ng	99
88) Benzo(b)fluoranthene	14.99	252	1410759	45.094	ng	100
89) Benzo(k)fluoranthene	15.02	252	1132133	40.896	ng	100
90) Benzo(a)pyrene	15.34	252	1209451	43.197	ng	99
91) Dibenzo(a,h)anthracene	16.84	278	1122003	43.797	ng	98
92) Benzo(g,h,i)perylene	17.26	276	1111217	43.033	ng	99

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

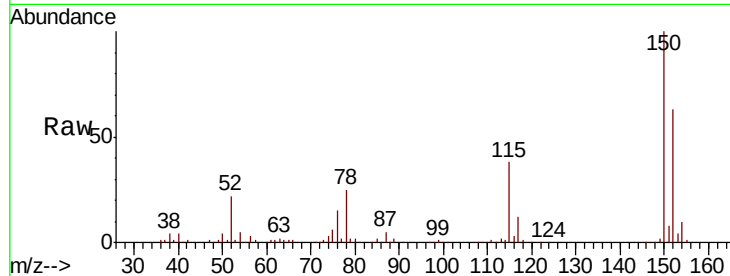


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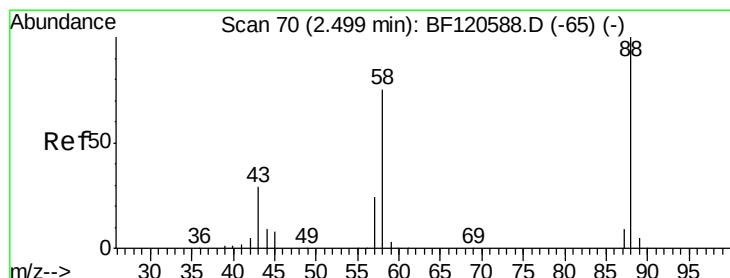
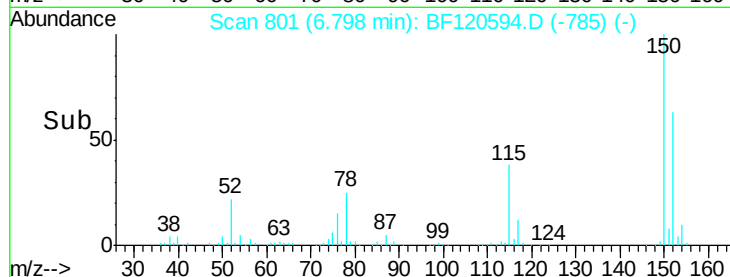
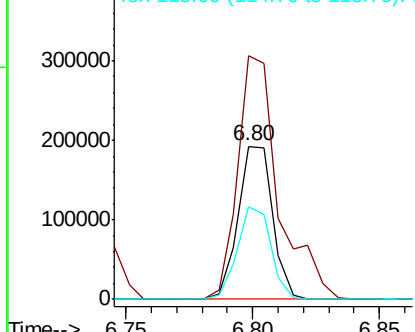
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.01 min
Lab File: BF120594.D
Acq: 10 Jun 2020 17:56

Instrument :
BNA_F
ClientSampleId :
ICVBF061020

Tot Ion:152 Resp: 181995
Ion Ratio Lower Upper
152 100
150 159.0 123.2 184.8
115 60.4 43.9 65.9



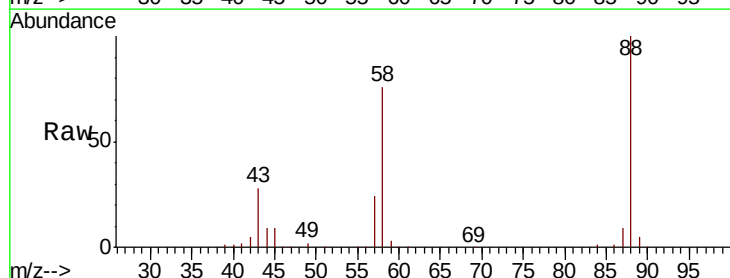
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



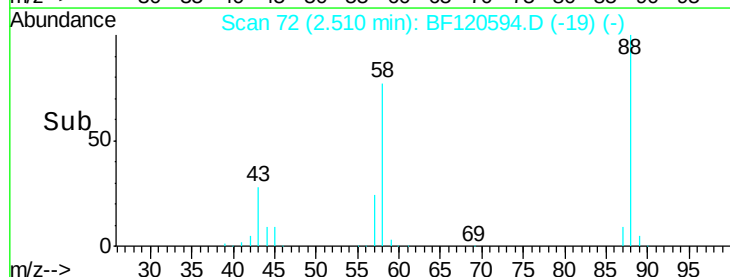
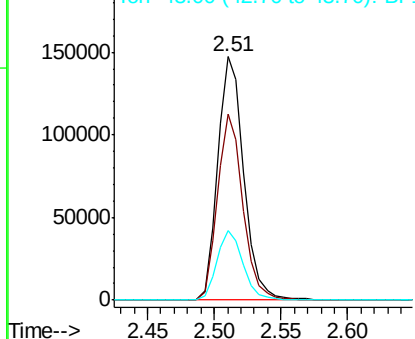
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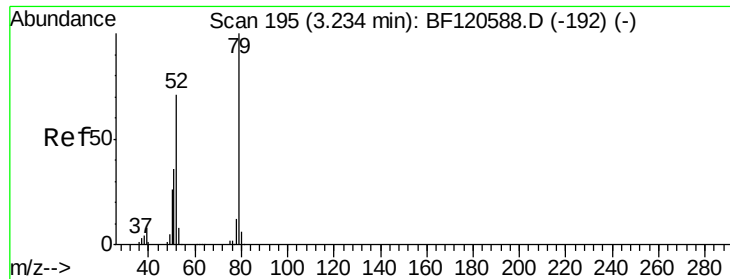
1,4-Dioxane
Concen: 40.238 ng
RT: 2.51 min Scan# 72
Delta R.T. 0.01 min
Lab File: BF120594.D
Acq: 10 Jun 2020 17:56

Tgt Ion: 88 Resp: 202444
Ion Ratio Lower Upper
88 100
58 74.4 59.6 89.4
43 28.2 23.1 34.7



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: 40.613 ng

RT: 3.25 min Scan# 197

Delta R.T. 0.01 min

Lab File: BF120594.D

Acq: 10 Jun 2020 17:56

Instrument :

BNA_F

ClientSampleId :

ICVBF061020

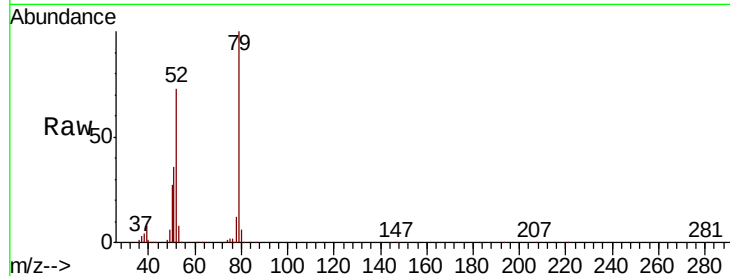
Tot Ion: 79 Resp: 574415

Ion Ratio Lower Upper

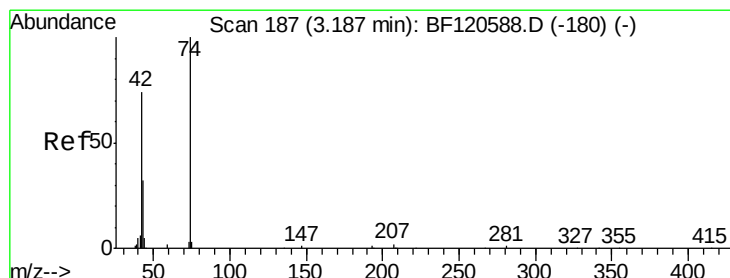
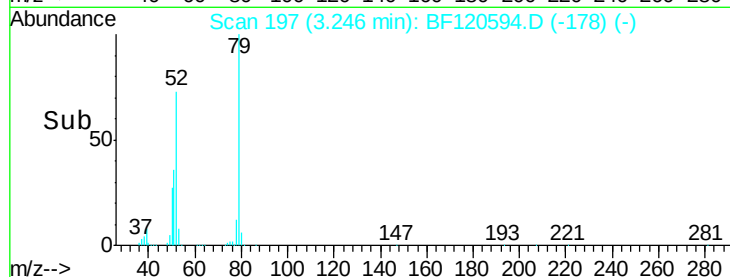
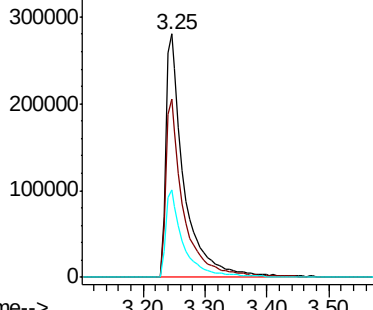
79 100

52 73.2 57.0 85.6

51 35.7 28.5 42.7



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: 40.698 ng

RT: 3.20 min Scan# 189

Delta R.T. 0.01 min

Lab File: BF120594.D

Acq: 10 Jun 2020 17:56

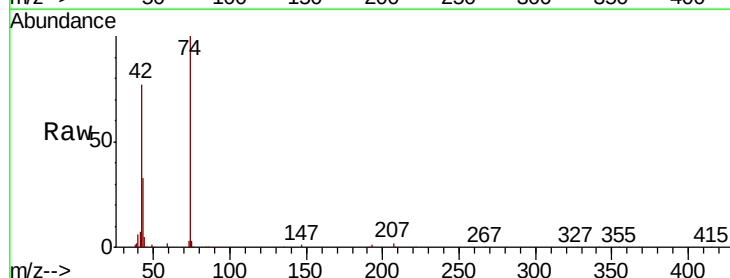
Tgt Ion: 42 Resp: 238880

Ion Ratio Lower Upper

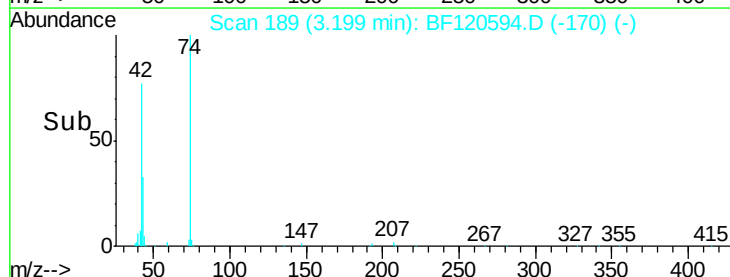
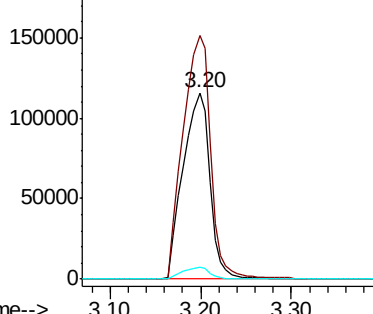
42 100

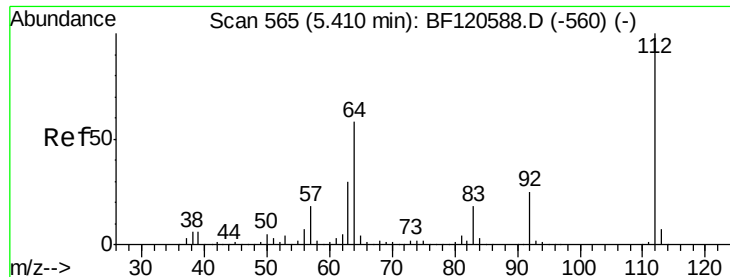
74 130.6 107.8 161.6

44 6.4 5.1 7.7



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: 82.274 ng

RT: 5.42 min Scan# 566

Delta R.T. 0.01 min

Lab File: BF120594.D

Acq: 10 Jun 2020 17:56

Instrument :

BNA_F

ClientSampleId :

ICVBF061020

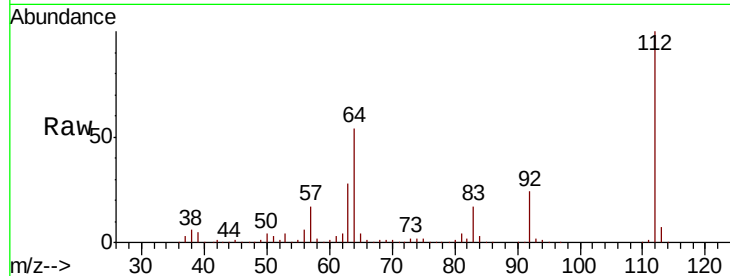
Tot Ion:112 Resp: 873369

Ion Ratio Lower Upper

112 100

64 53.9 46.1 69.1

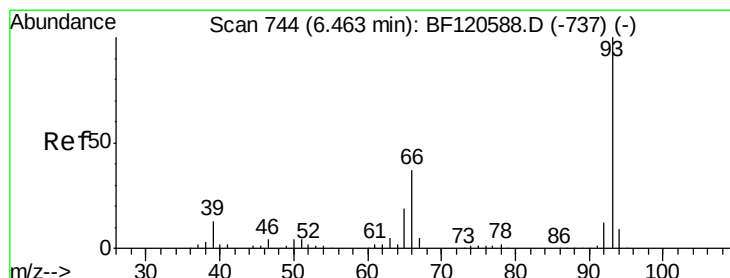
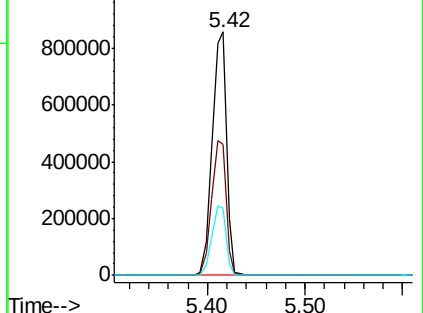
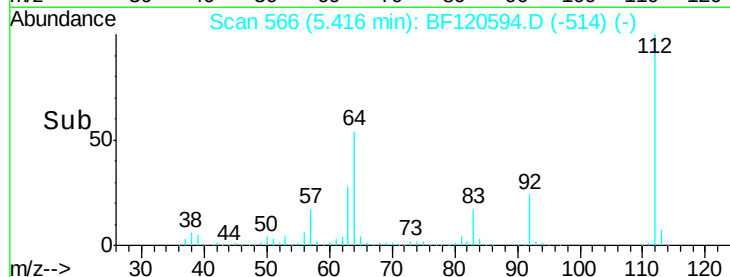
63 27.8 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 44.165 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.00 min

Lab File: BF120594.D

Acq: 10 Jun 2020 17:56

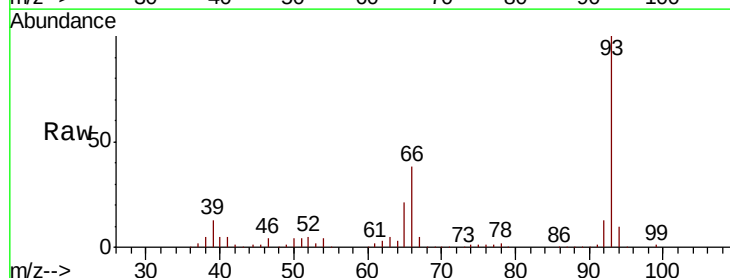
Tgt Ion: 93 Resp: 747289

Ion Ratio Lower Upper

93 100

66 38.2 30.9 46.3

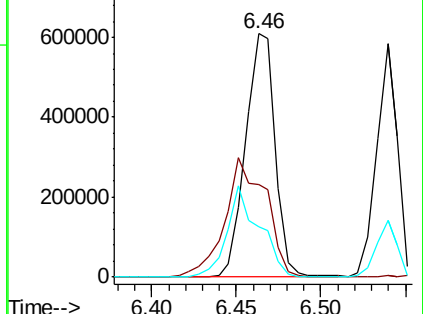
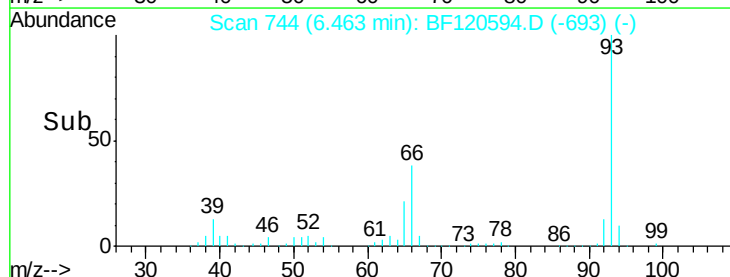
65 20.7 15.9 23.9

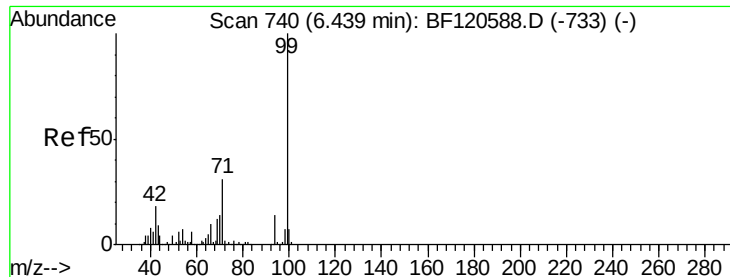


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 86.404 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF120594.D

Acq: 10 Jun 2020 17:56

Instrument :

BNA_F

ClientSampleId :

ICVBF061020

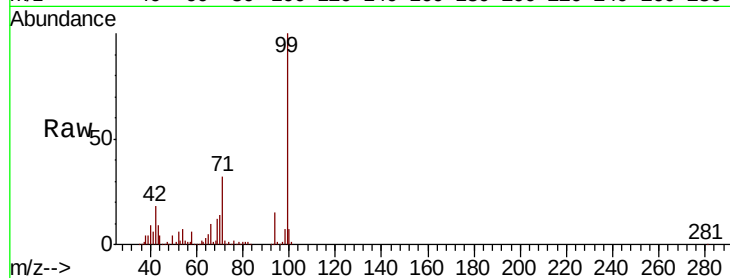
Tot Ion: 99 Resp: 1142385

Ion Ratio Lower Upper

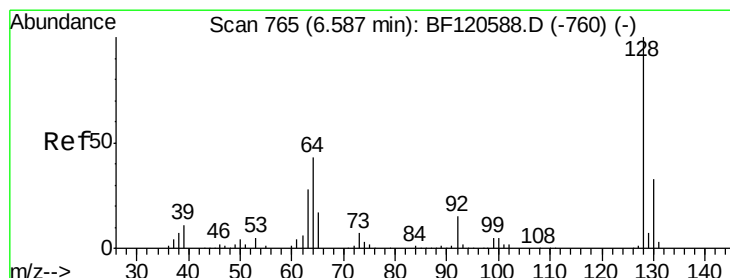
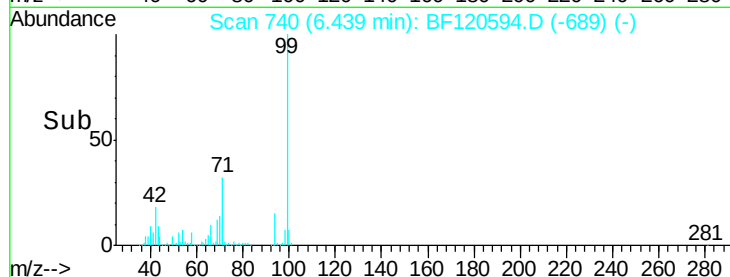
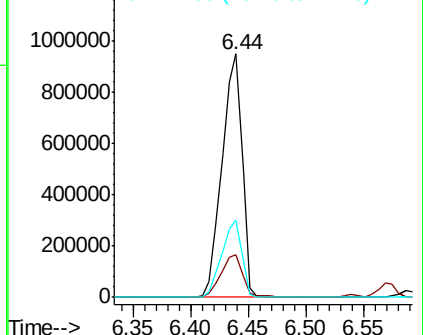
99 100

42 17.6 14.0 21.0

71 31.8 24.9 37.3



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: 42.339 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.00 min

Lab File: BF120594.D

Acq: 10 Jun 2020 17:56

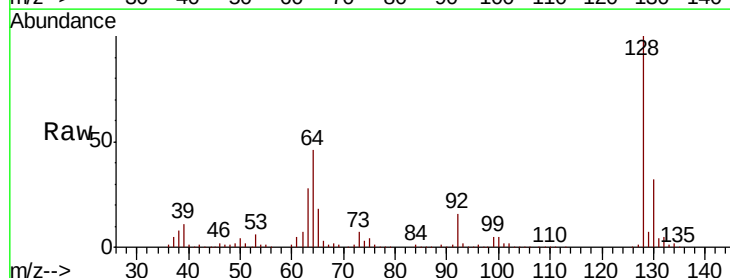
Tgt Ion: 128 Resp: 507879

Ion Ratio Lower Upper

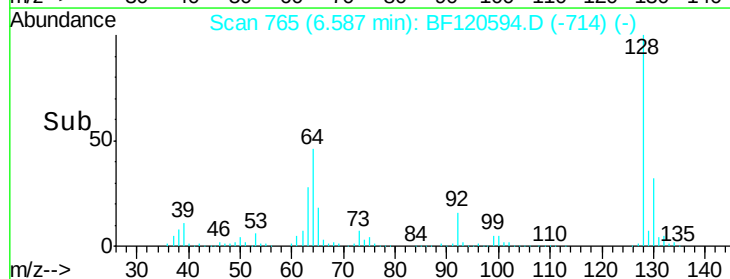
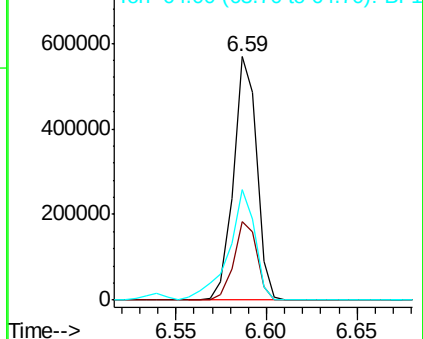
128 100

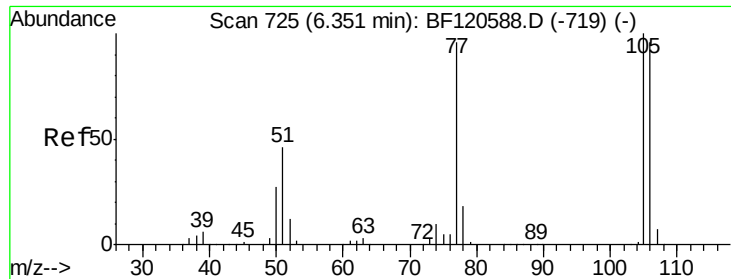
130 32.4 12.6 52.6

64 45.5 24.3 64.3



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

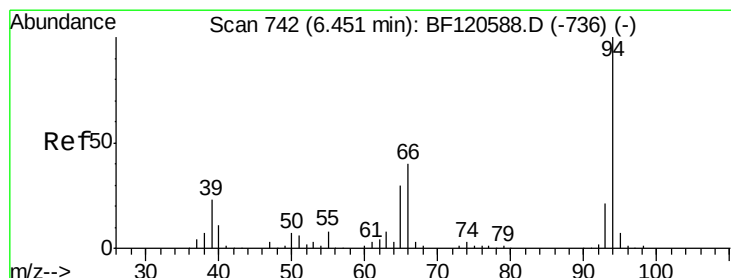
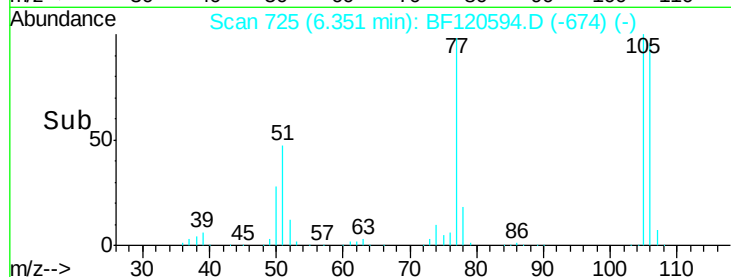
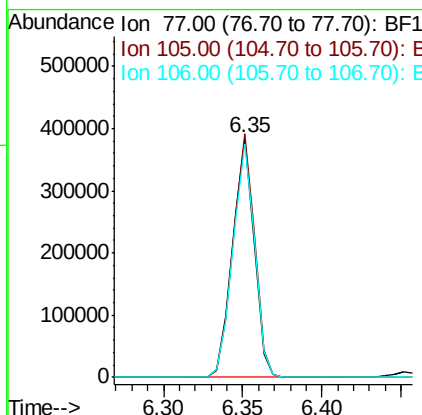
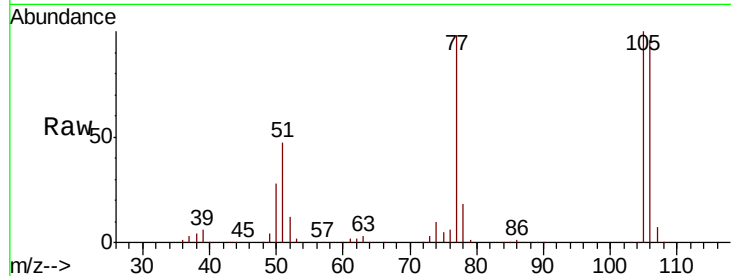




#9
Benzaldehyde
Concen: 43.607 ng
RT: 6.35 min Scan# 725
Delta R.T. 0.00 min
Lab File: BF120594.D
Acq: 10 Jun 2020 17:56

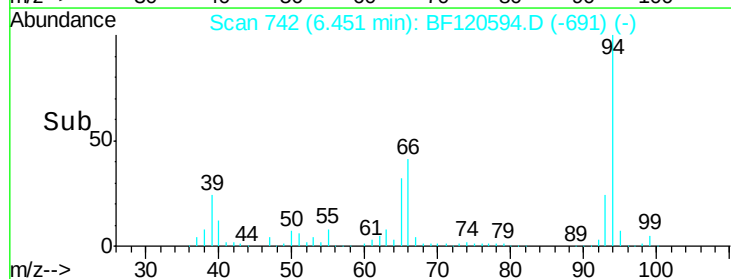
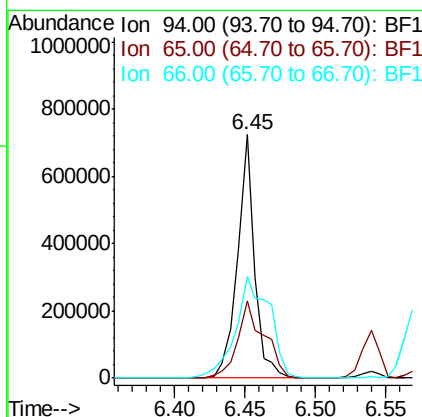
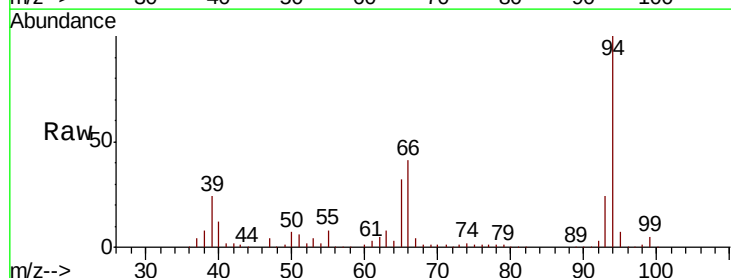
Instrument :
BNA_F
ClientSampleId :
ICVBF061020

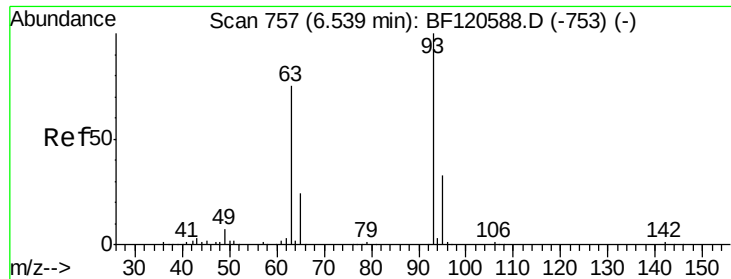
Tot Ion: 77 Resp: 364673
Ion Ratio Lower Upper
77 100
105 102.0 83.8 123.8
106 97.7 79.3 119.3



#10
Phenol
Concen: 43.521 ng
RT: 6.45 min Scan# 742
Delta R.T. 0.00 min
Lab File: BF120594.D
Acq: 10 Jun 2020 17:56

Tgt Ion: 94 Resp: 613927
Ion Ratio Lower Upper
94 100
65 31.5 9.9 49.9
66 41.5 20.1 60.1

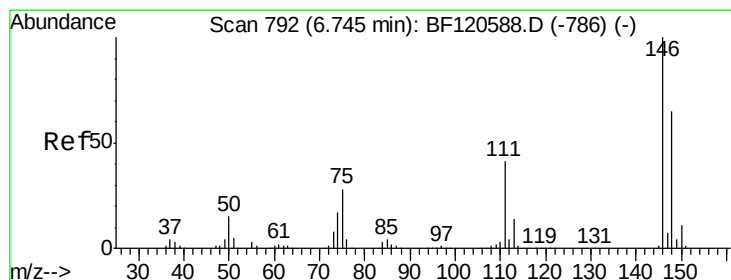
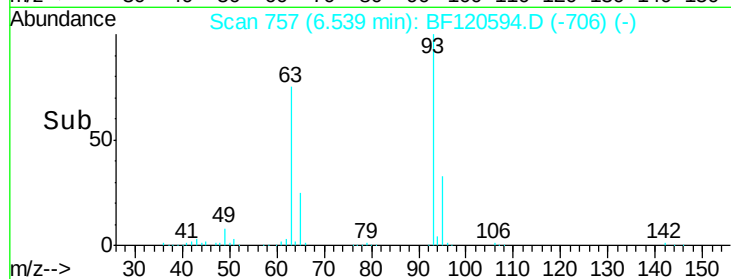
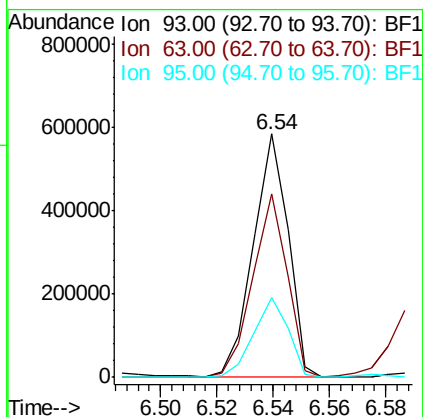
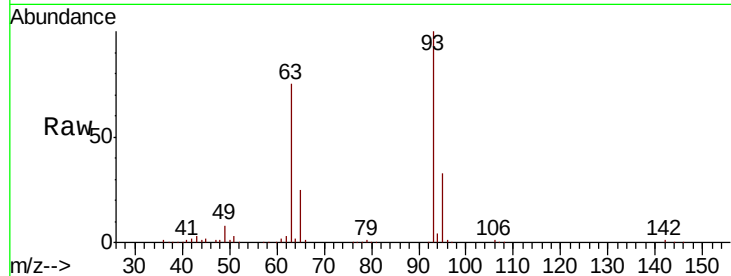




#11
bis(2-Chloroethyl)ether
Concen: 42.559 ng
RT: 6.54 min Scan# 757
Delta R.T. 0.00 min
Lab File: BF120594.D
Acq: 10 Jun 2020 17:56

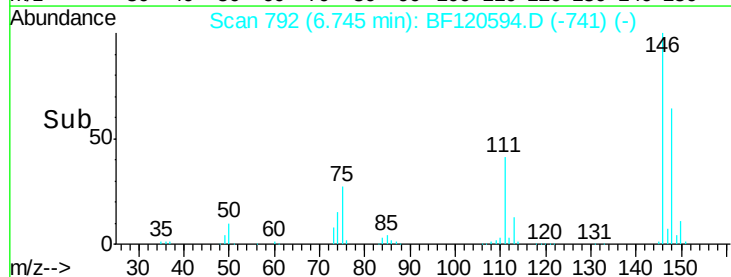
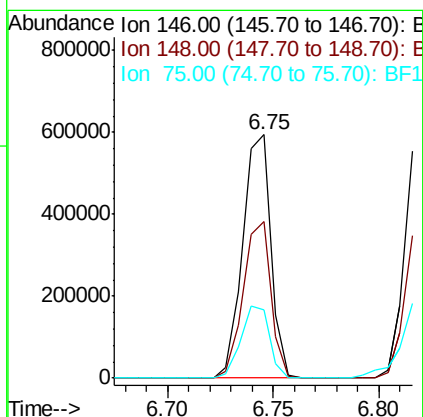
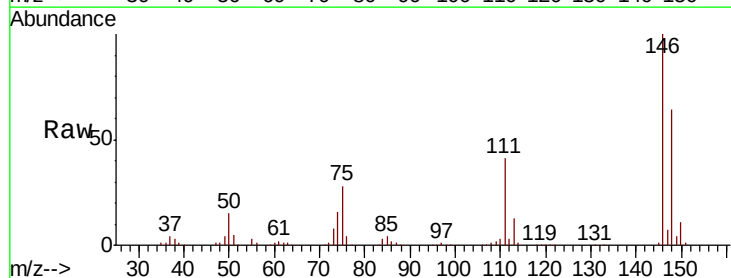
Instrument :
BNA_F
ClientSampleId :
ICVBF061020

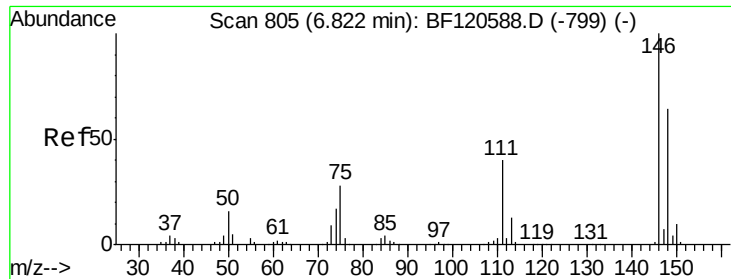
Tot Ion	93	Resp	500062
Ion	Ratio	Lower	Upper
93	100		
63	75.2	54.4	94.4
95	33.0	12.9	52.9



#12
1,3-Dichlorobenzene
Concen: 43.071 ng
RT: 6.75 min Scan# 792
Delta R.T. 0.00 min
Lab File: BF120594.D
Acq: 10 Jun 2020 17:56

Tgt Ion	146	Resp	549277
Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.8	77.6
75	27.9	22.2	33.4

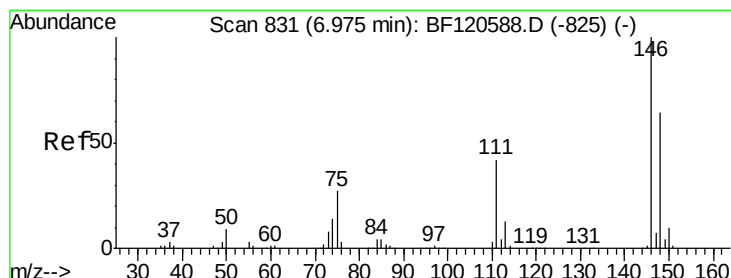
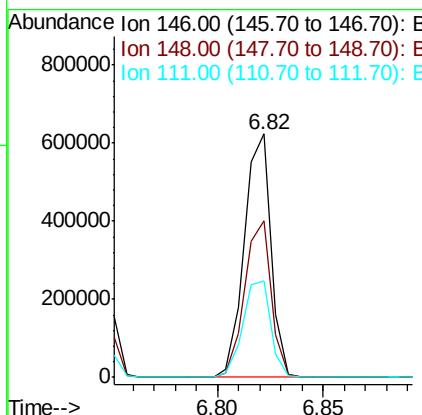
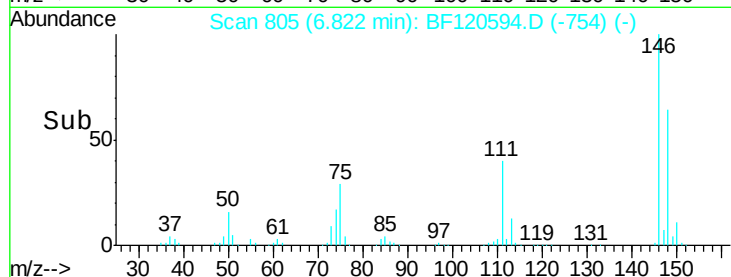
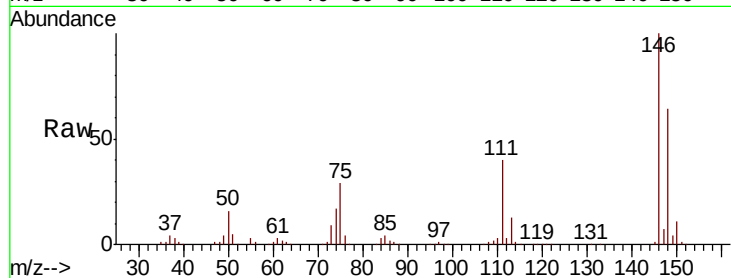




#13
 1,4-Dichlorobenzene
 Concen: 43.382 ng
 RT: 6.82 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: BF120594.D
 Acq: 10 Jun 2020 17:56

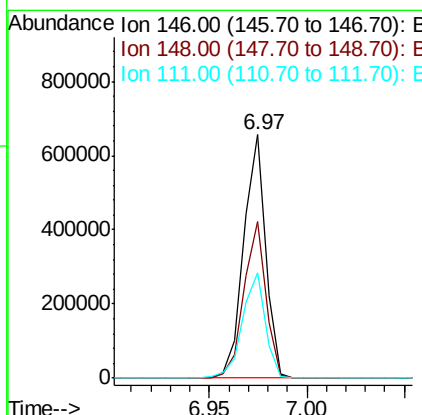
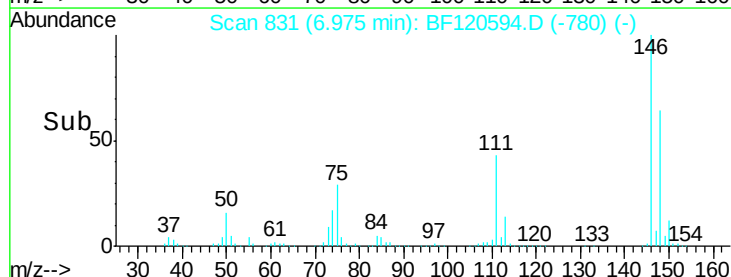
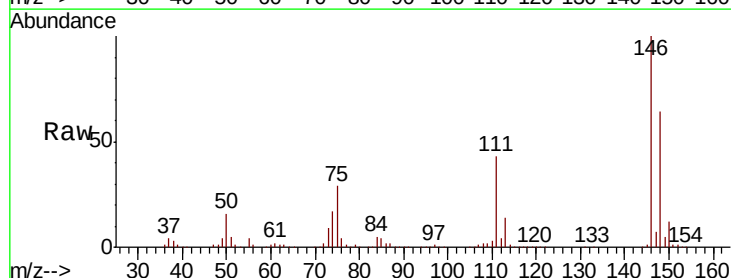
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF061020

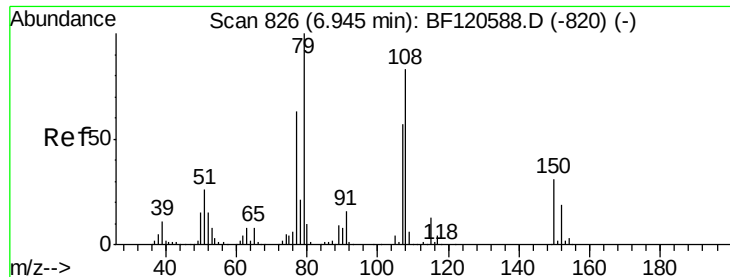
Tot Ion:146 Resp: 545852
 Ion Ratio Lower Upper
 146 100
 148 64.4 51.5 77.3
 111 39.6 32.2 48.4



#14
 1,2-Dichlorobenzene
 Concen: 41.746 ng
 RT: 6.97 min Scan# 831
 Delta R.T. 0.00 min
 Lab File: BF120594.D
 Acq: 10 Jun 2020 17:56

Tgt Ion:146 Resp: 511662
 Ion Ratio Lower Upper
 146 100
 148 64.4 50.8 76.2
 111 43.3 33.6 50.4





#15

Benzyl Alcohol

Concen: 43.825 ng

RT: 6.95 min Scan# 826

Delta R.T. 0.00 min

Lab File: BF120594.D

Acq: 10 Jun 2020 17:56

Instrument :

BNA_F

ClientSampleId :

ICVBF061020

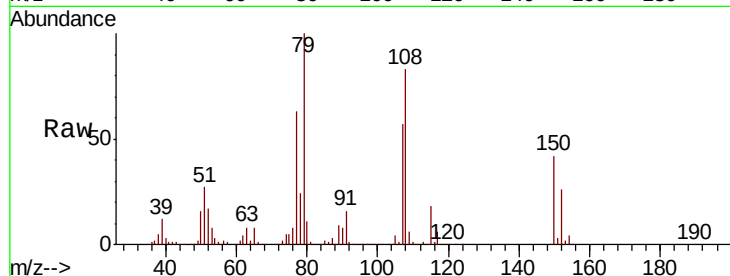
Tot Ion: 79 Resp: 410907

Ion Ratio Lower Upper

79 100

108 82.7 66.8 100.2

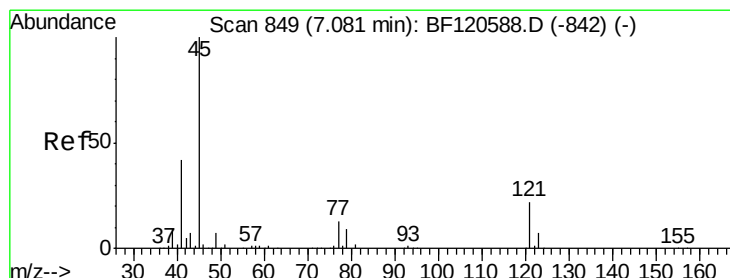
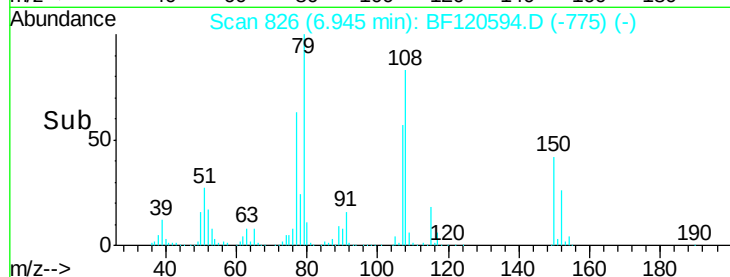
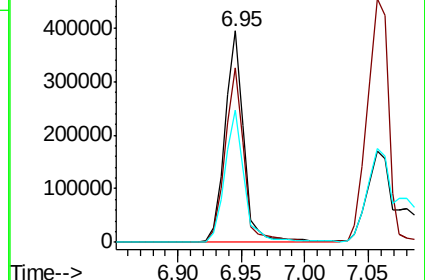
77 62.7 50.6 76.0



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: 45.349 ng

RT: 7.08 min Scan# 849

Delta R.T. 0.00 min

Lab File: BF120594.D

Acq: 10 Jun 2020 17:56

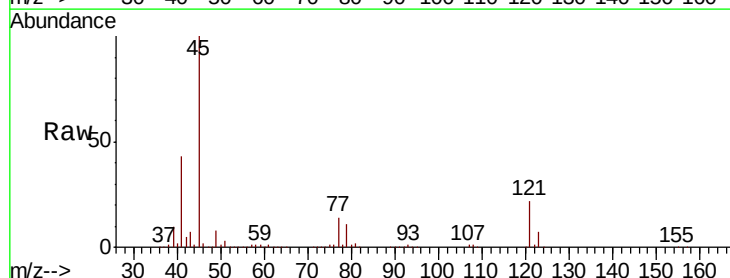
Tgt Ion: 45 Resp: 767220

Ion Ratio Lower Upper

45 100

77 14.4 0.0 34.2

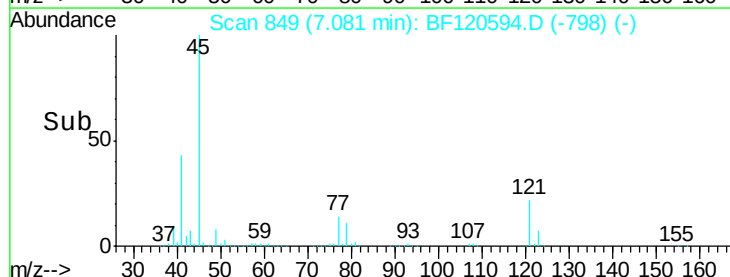
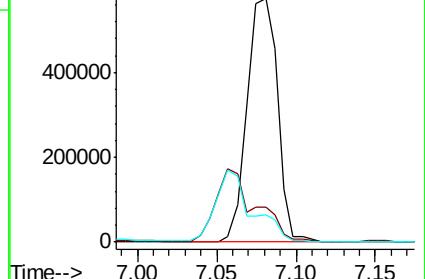
79 11.0 0.0 30.9

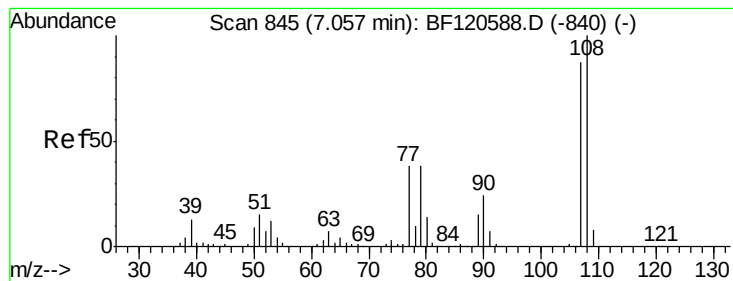


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

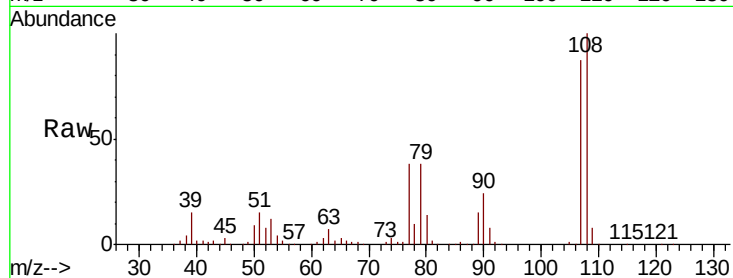




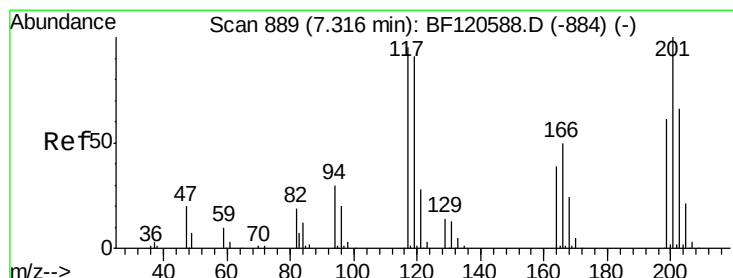
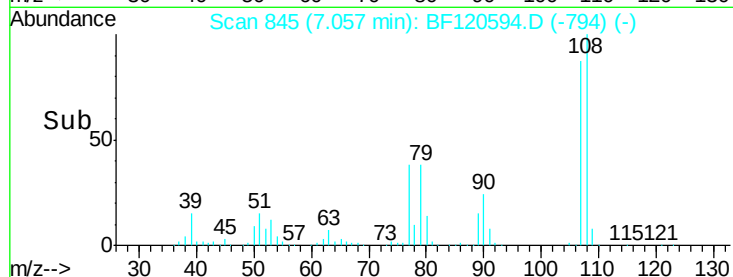
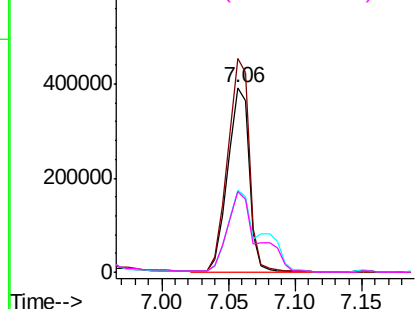
#17
2-Methylphenol
Concen: 44.320 ng
RT: 7.06 min Scan# 845
Delta R.T. 0.00 min
Lab File: BF120594.D
Acq: 10 Jun 2020 17:56

Instrument :
BNA_F
ClientSampleId :
ICVBF061020

Tot Ion:107 Resp: 453440
Ion Ratio Lower Upper
107 100
108 115.5 91.9 137.9
77 44.4 35.4 53.2
79 43.4 34.8 52.2

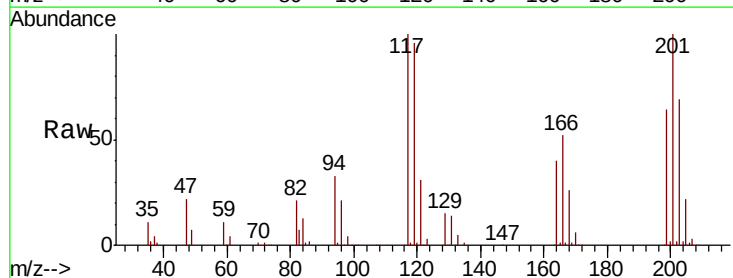


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

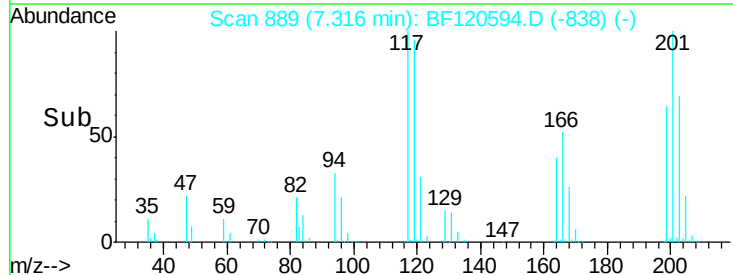
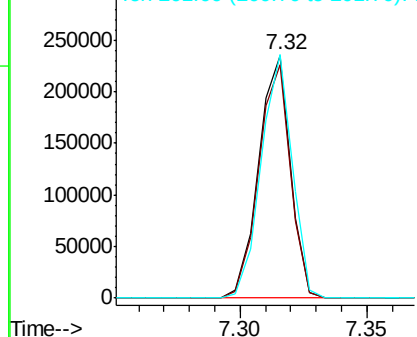


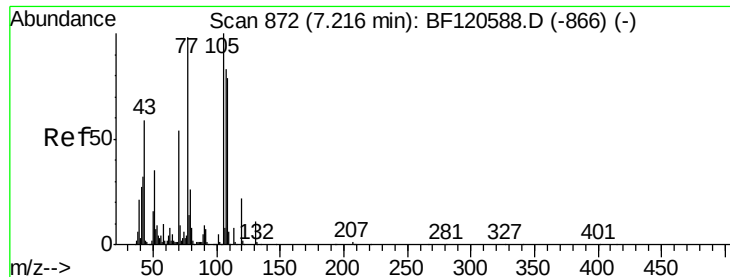
#18
Hexachloroethane
Concen: 44.241 ng
RT: 7.32 min Scan# 889
Delta R.T. 0.00 min
Lab File: BF120594.D
Acq: 10 Jun 2020 17:56

Tgt Ion:117 Resp: 205119
Ion Ratio Lower Upper
117 100
119 96.3 76.9 115.3
201 100.2 84.6 127.0



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

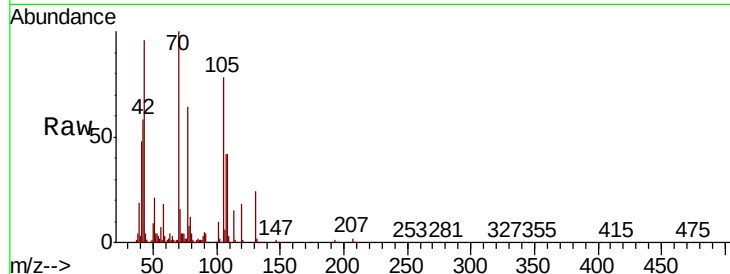




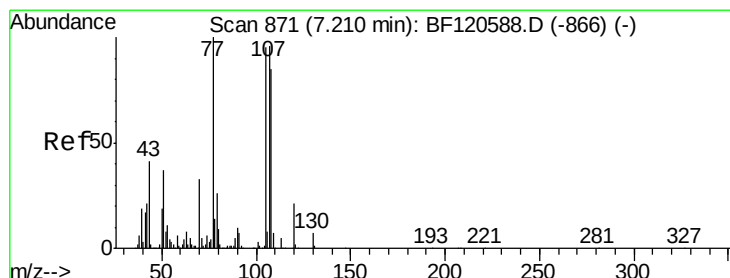
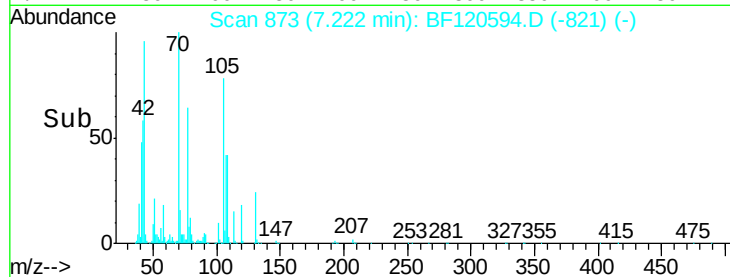
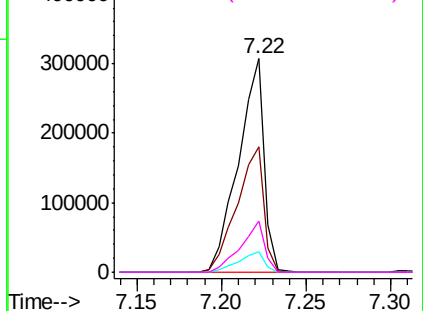
#19
n-Nitroso-di-n-propylamine
Concen: 42.657 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.01 min
Lab File: BF120594.D
Acq: 10 Jun 2020 17:56

Instrument :
BNA_F
ClientSampleId :
ICVBF061020

Tot Ion:	70	Resp:	327145
Ion	Ratio	Lower	Upper
70	100		
42	58.4	47.7	71.5
101	9.6	7.6	11.4
130	24.0	16.7	25.1

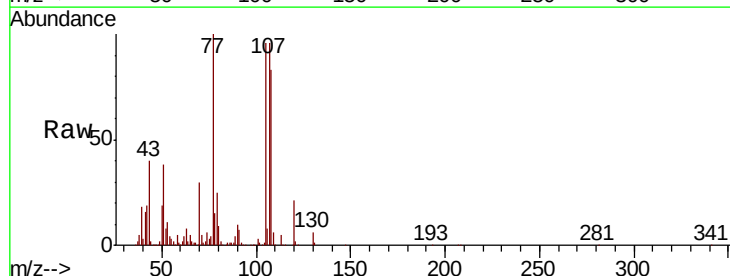


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

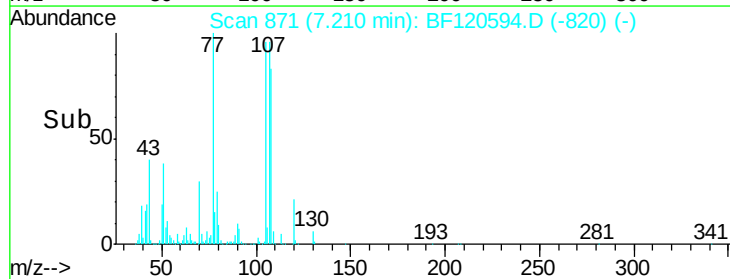
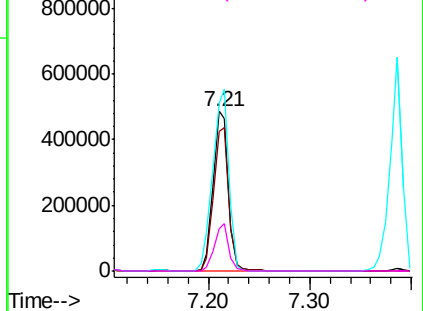


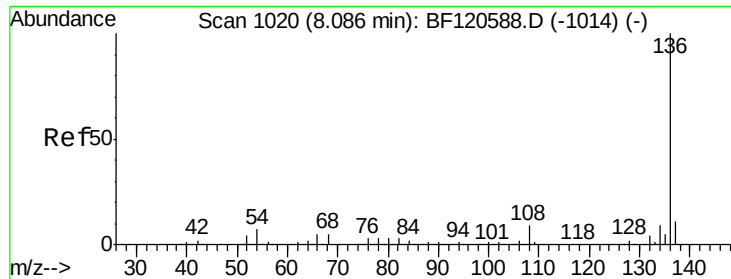
#20
3+4-Methylphenols
Concen: 39.664 ng
RT: 7.21 min Scan# 871
Delta R.T. 0.00 min
Lab File: BF120594.D
Acq: 10 Jun 2020 17:56

Tgt Ion:	107	Resp:	507090
Ion	Ratio	Lower	Upper
107	100		
108	87.2	68.7	108.7
77	104.6	84.2	124.2
79	26.3	6.8	46.8



Abundance Ion 107.00 (106.70 to 107.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

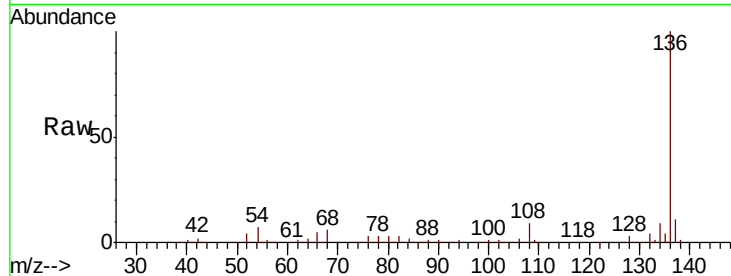




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BF120594.D
Acq: 10 Jun 2020 17:56

Instrument :
BNA_F
ClientSampleId :
ICVBF061020

Tot Ion:136	Resp: 688681
Ion Ratio	Lower Upper
136 100	
137 10.9	8.6 13.0
54 7.2	5.8 8.6
68 5.9	4.4 6.6



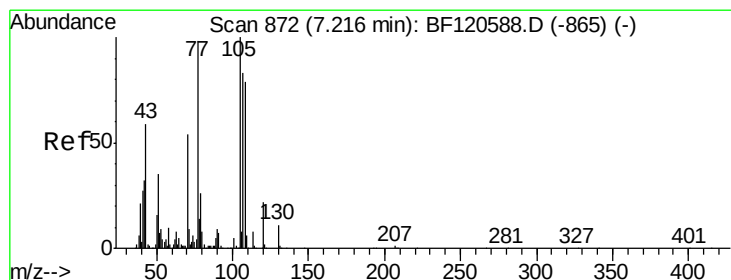
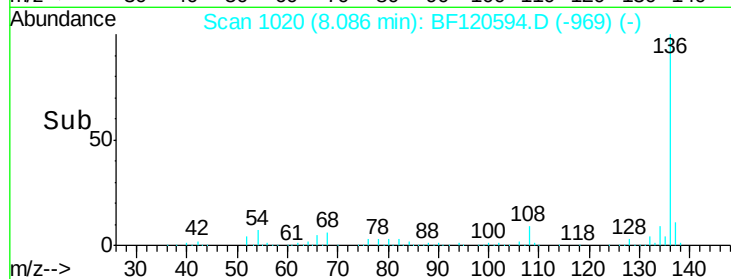
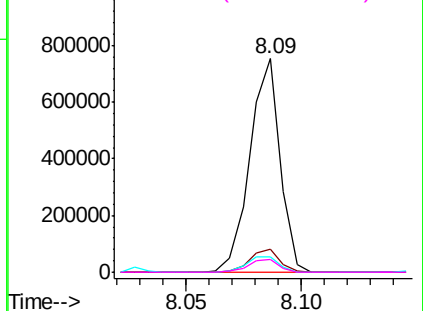
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

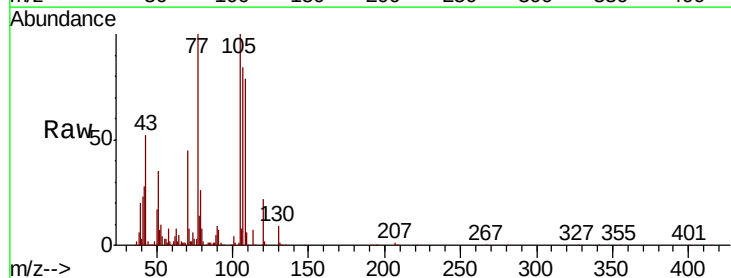
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 40.092 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.00 min
Lab File: BF120594.D
Acq: 10 Jun 2020 17:56

Tgt Ion	105	Resp:	617290
Ion	Ratio	Lower	Upper
105	100		
71	7.6	7.2	10.8
51	35.5	27.8	41.8
120	22.2	18.0	27.0



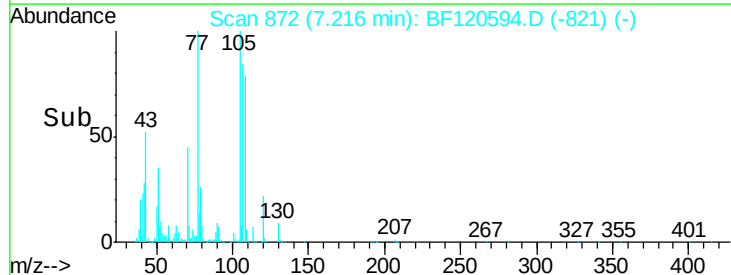
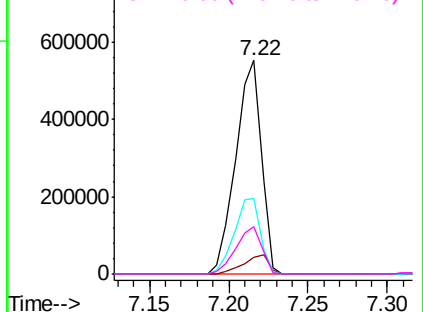
Abundance

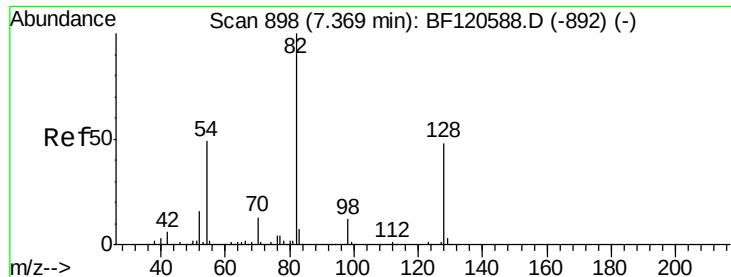
Ion 105.00 (104.70 to 105.70): E

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

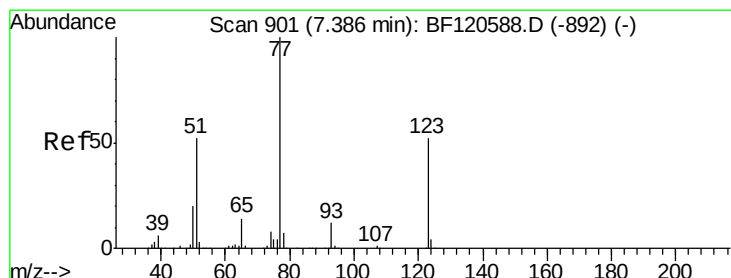
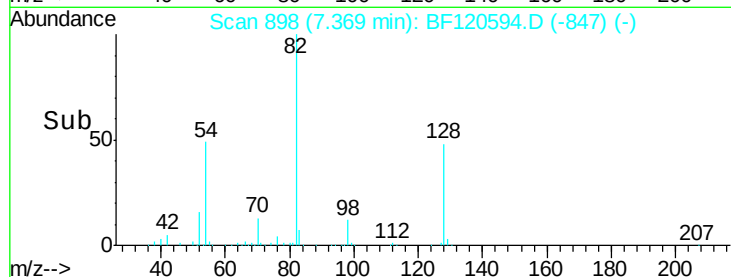
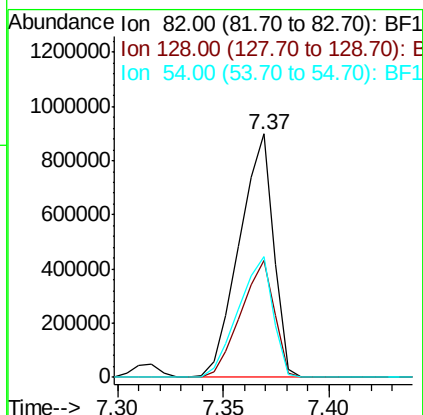
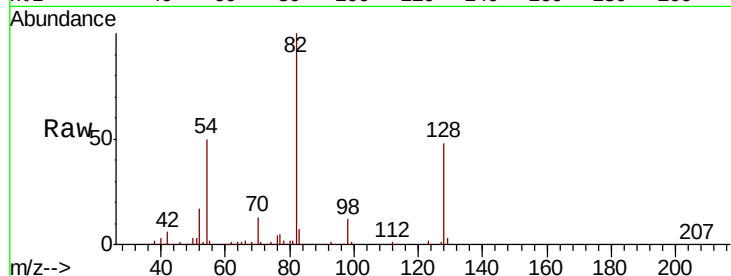




#23
 Nitrobenzene-d5
 Concen: 82.045 ng
 RT: 7.37 min Scan# 898
 Delta R.T. 0.00 min
 Lab File: BF120594.D
 Acq: 10 Jun 2020 17:56

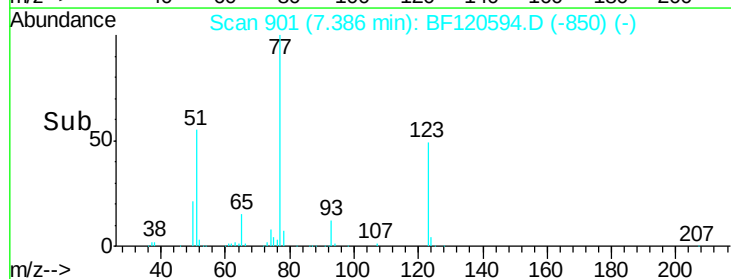
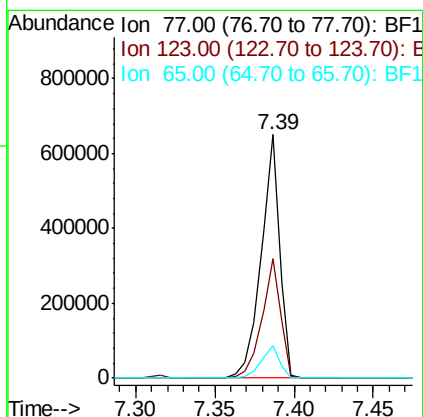
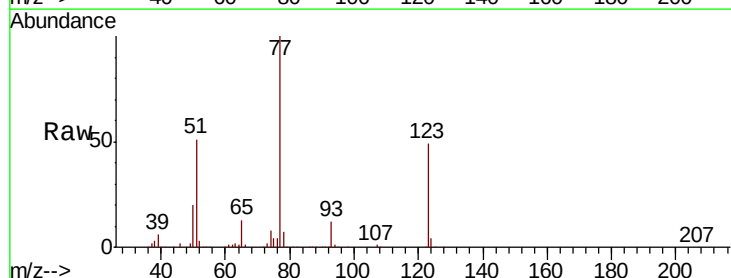
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF061020

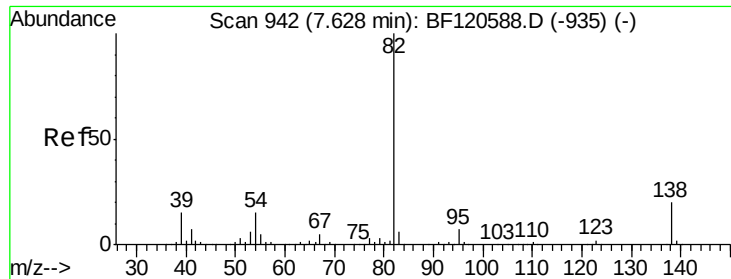
Tot Ion: 82 Resp: 1010840
 Ion Ratio Lower Upper
 82 100
 128 47.9 38.0 57.0
 54 49.8 38.8 58.2



#24
 Nitrobenzene
 Concen: 41.542 ng
 RT: 7.39 min Scan# 901
 Delta R.T. 0.00 min
 Lab File: BF120594.D
 Acq: 10 Jun 2020 17:56

Tgt Ion: 77 Resp: 535612
 Ion Ratio Lower Upper
 77 100
 123 49.3 41.4 62.0
 65 13.5 11.0 16.4





#25

Isophorone

Concen: 41.045 ng

RT: 7.63 min Scan# 942

Delta R.T. 0.00 min

Lab File: BF120594.D

Acq: 10 Jun 2020 17:56

Instrument :

BNA_F

ClientSampleId :

ICVBF061020

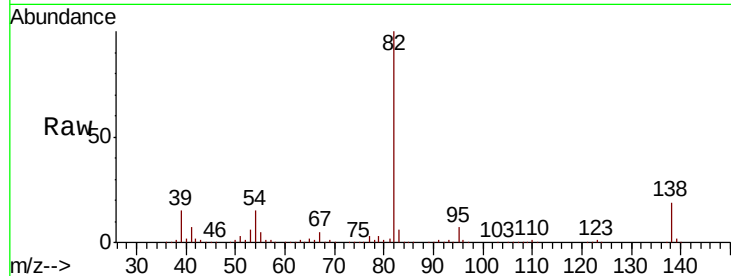
Tot Ion: 82 Resp: 985071

Ion Ratio Lower Upper

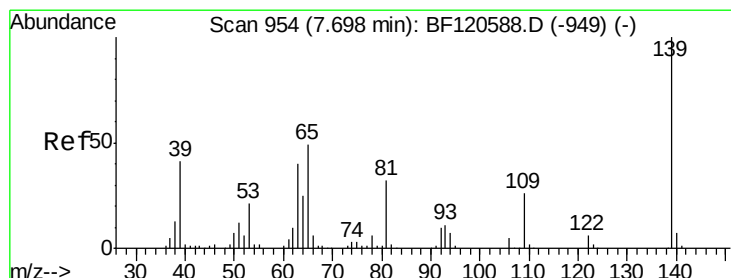
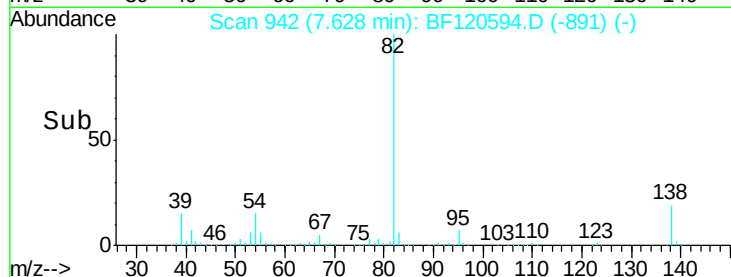
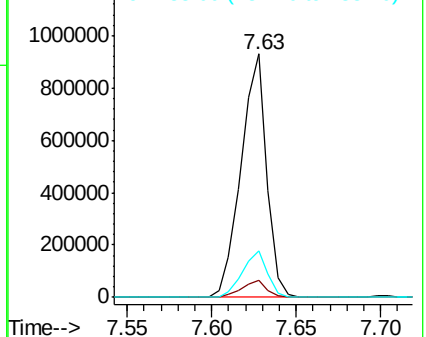
82 100

95 7.1 5.7 8.5

138 19.3 16.2 24.4



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



#26

2-Nitrophenol

Concen: 41.457 ng

RT: 7.70 min Scan# 954

Delta R.T. 0.00 min

Lab File: BF120594.D

Acq: 10 Jun 2020 17:56

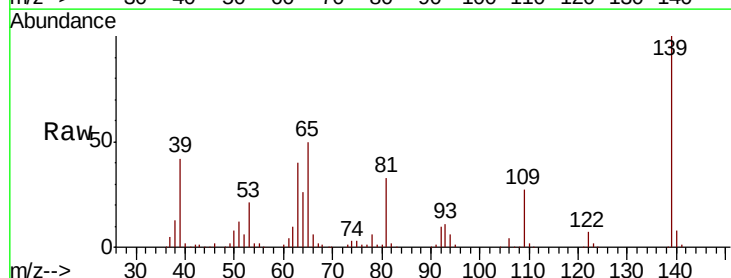
Tgt Ion: 139 Resp: 282772

Ion Ratio Lower Upper

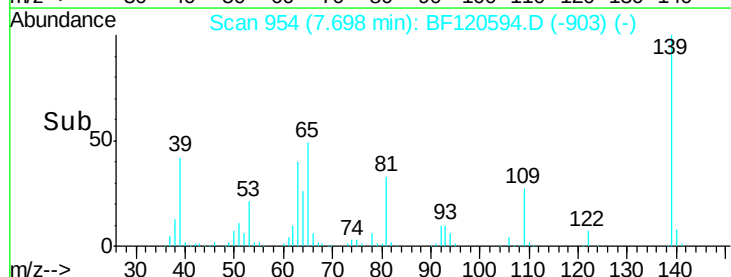
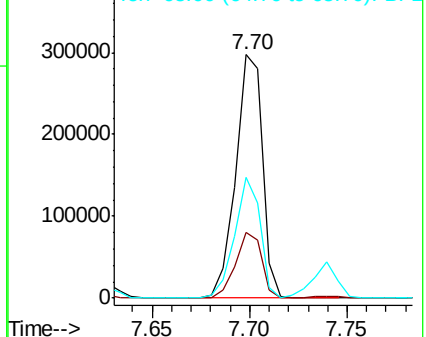
139 100

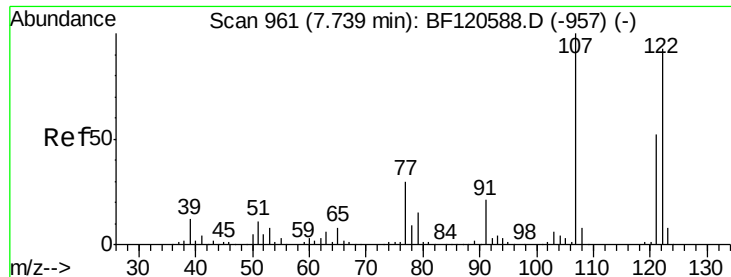
109 27.1 21.1 31.7

65 49.7 39.4 59.0



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

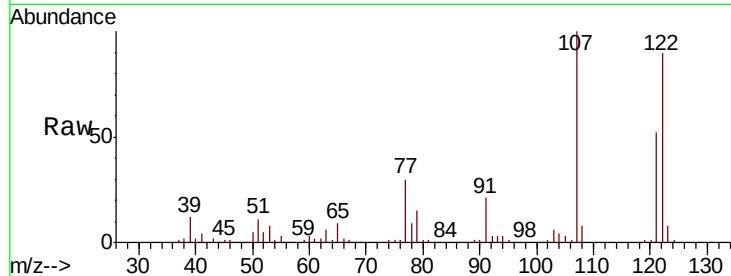




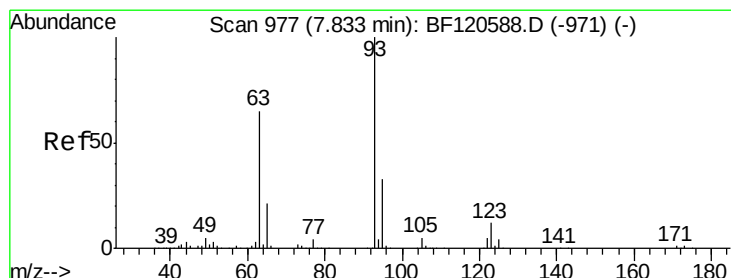
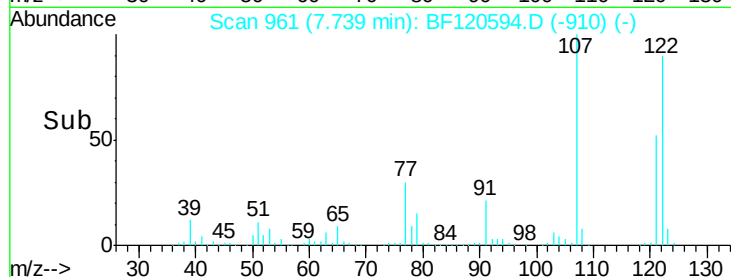
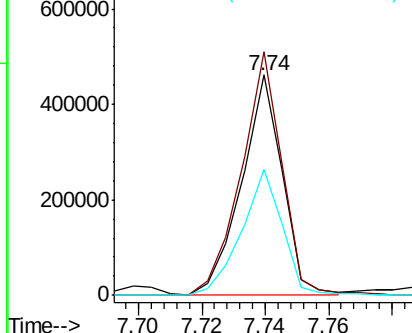
#27
 2,4-Dimethylphenol
 Concen: 41.108 ng
 RT: 7.74 min Scan# 961
 Delta R.T. 0.00 min
 Lab File: BF120594.D
 Acq: 10 Jun 2020 17:56

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF061020

Tot Ion:122 Resp: 412847
 Ion Ratio Lower Upper
 122 100
 107 110.6 86.4 129.6
 121 57.4 45.2 67.8

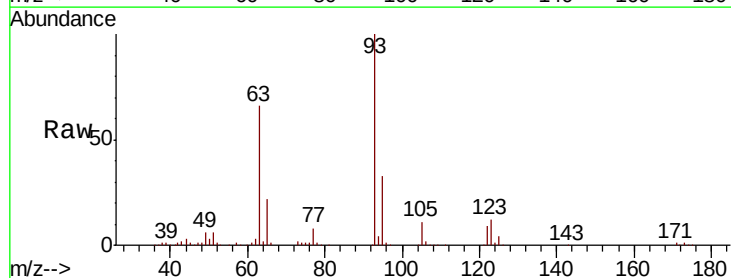


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

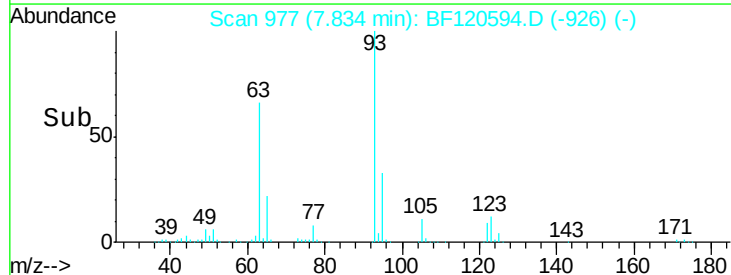
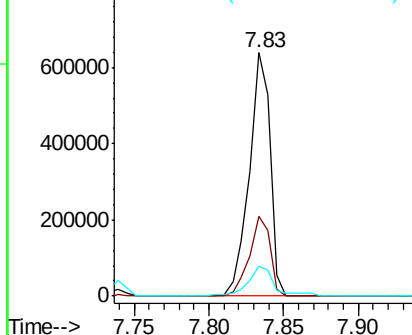


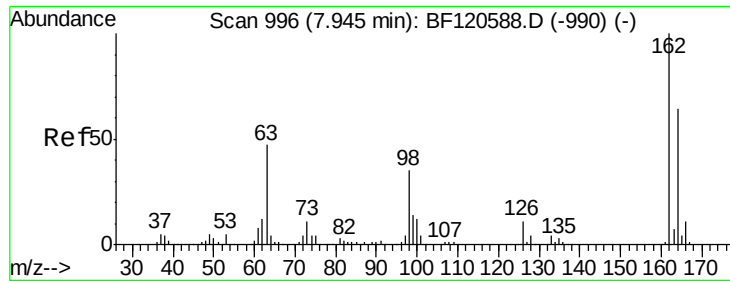
#28
 bis(2-Chloroethoxy)methane
 Concen: 44.067 ng
 RT: 7.83 min Scan# 977
 Delta R.T. 0.00 min
 Lab File: BF120594.D
 Acq: 10 Jun 2020 17:56

Tgt Ion: 93 Resp: 613068
 Ion Ratio Lower Upper
 93 100
 95 32.8 26.2 39.4
 123 12.3 9.5 14.3



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

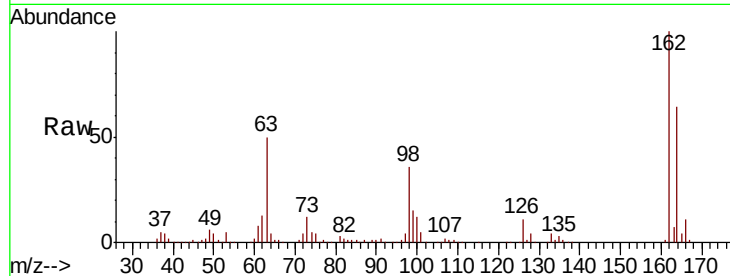




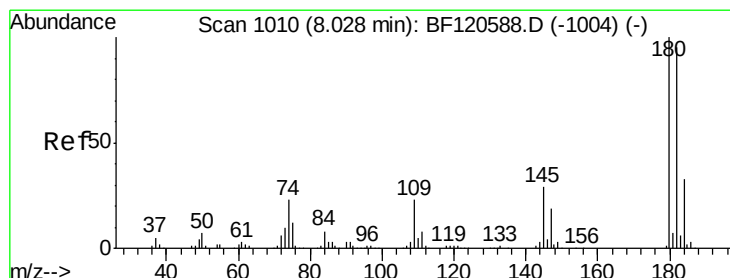
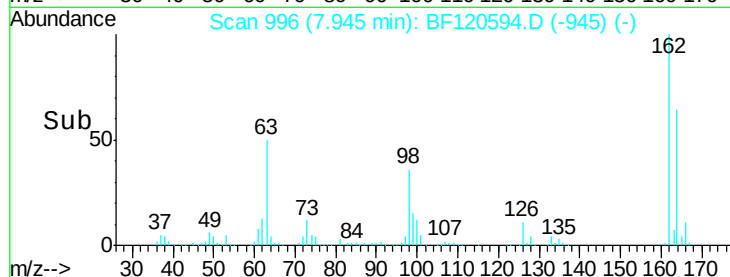
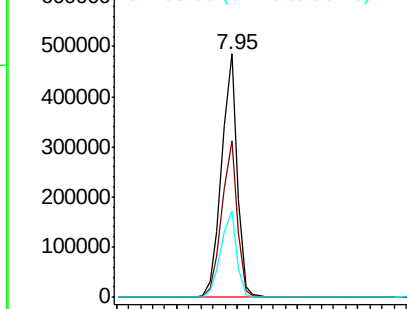
#29
2,4-Dichlorophenol
Concen: 42.362 ng
RT: 7.95 min Scan# 996
Delta R.T. 0.00 min
Lab File: BF120594.D
Acq: 10 Jun 2020 17:56

Instrument :
BNA_F
ClientSampleId :
ICVBF061020

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.4	44.1	84.1
98	35.5	14.7	54.7

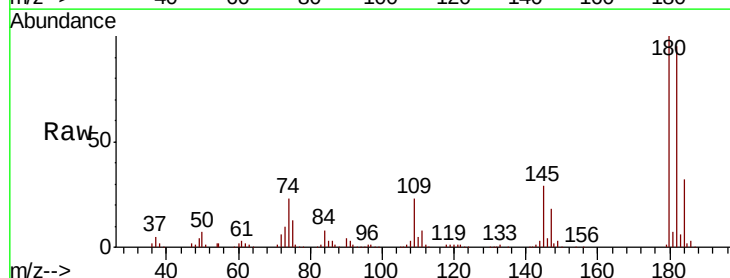


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

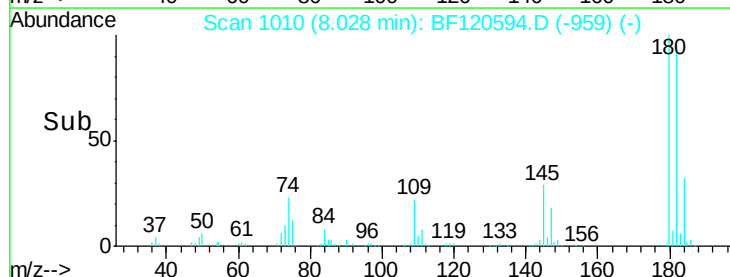
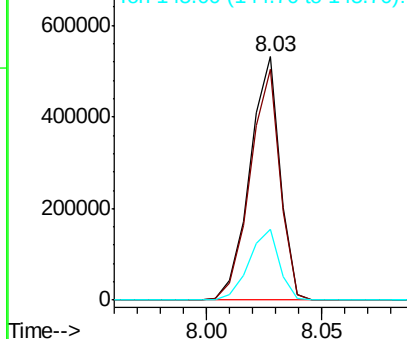


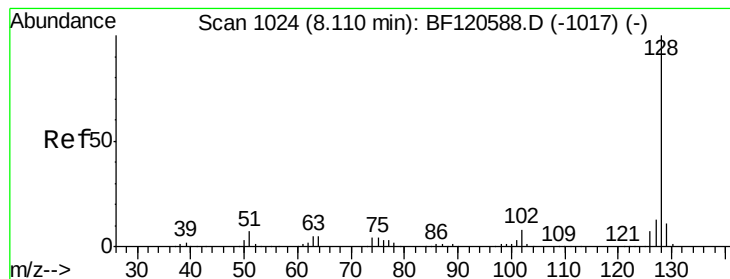
#30
1,2,4-Trichlorobenzene
Concen: 42.775 ng
RT: 8.03 min Scan# 1010
Delta R.T. 0.00 min
Lab File: BF120594.D
Acq: 10 Jun 2020 17:56

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	75.8	113.6
145	28.8	23.0	34.6



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 43.542 ng

RT: 8.11 min Scan# 1024

Delta R.T. 0.00 min

Lab File: BF120594.D

Acq: 10 Jun 2020 17:56

Instrument :

BNA_F

ClientSampleId :

ICVBF061020

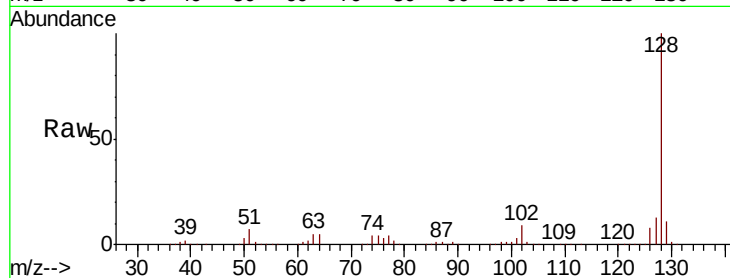
Tot Ion:128 Resp: 1472435

Ion Ratio Lower Upper

128 100

129 11.2 8.8 13.2

127 13.4 10.6 15.8



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

8.11

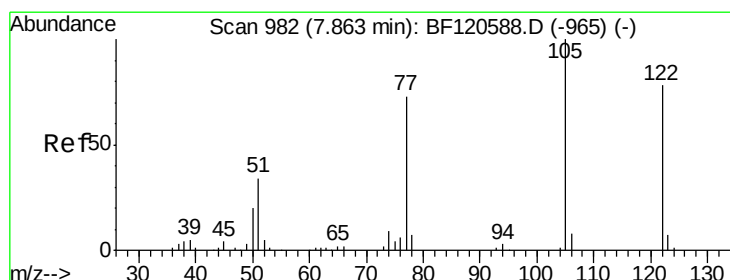
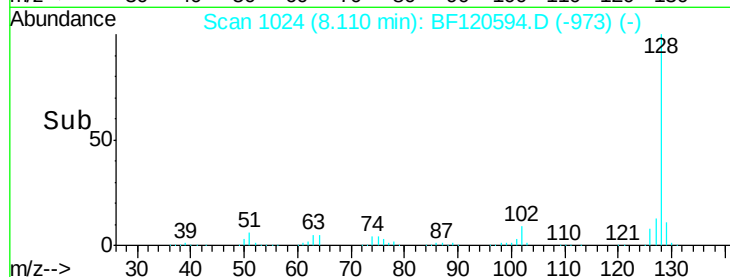
1500000

1000000

500000

0

Time-->



#32

Benzoic acid

Concen: 43.350 ng

RT: 7.87 min Scan# 983

Delta R.T. 0.01 min

Lab File: BF120594.D

Acq: 10 Jun 2020 17:56

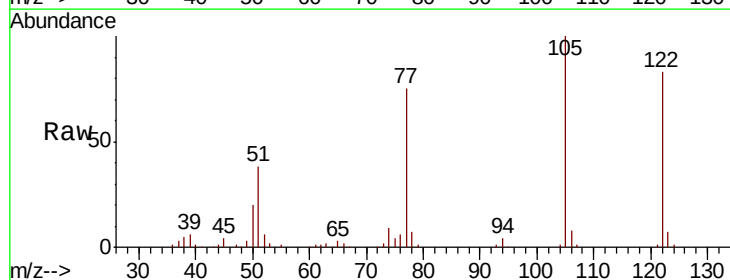
Tgt Ion:122 Resp: 334035

Ion Ratio Lower Upper

122 100

105 120.2 101.0 141.0

77 89.8 69.8 109.8



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

600000

500000

400000

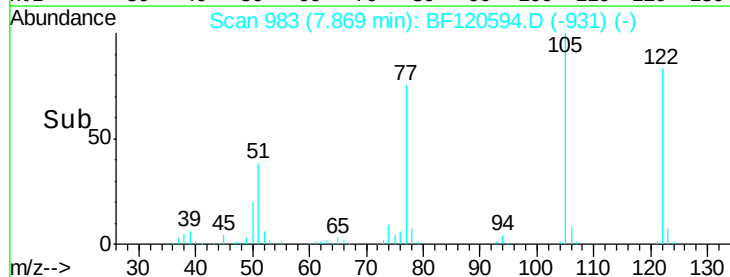
300000

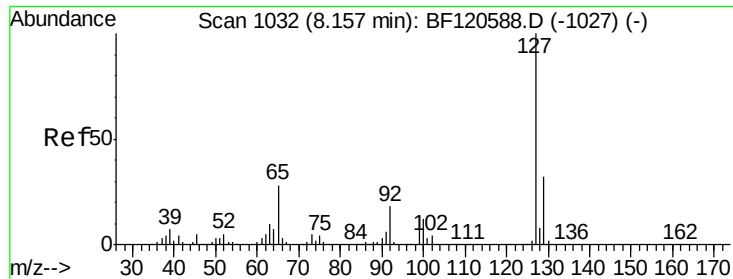
200000

100000

0

Time-->

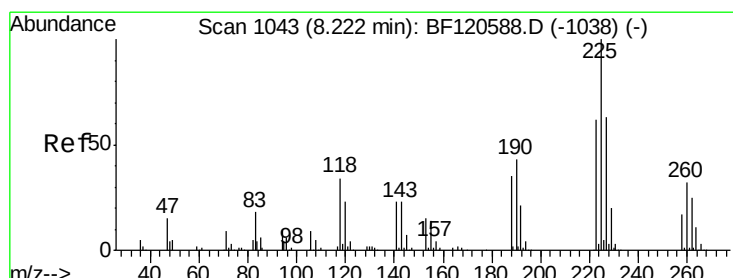
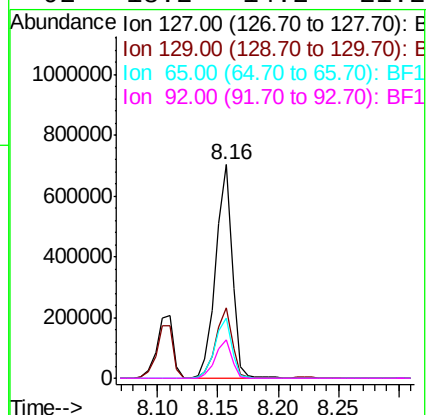
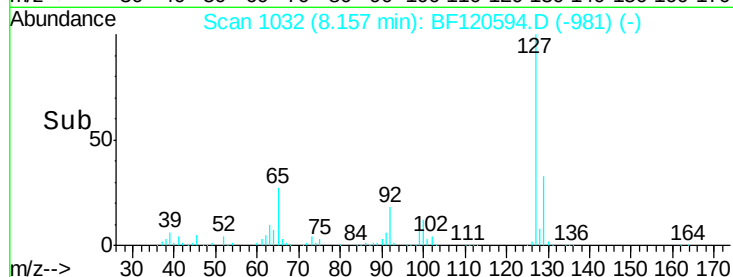
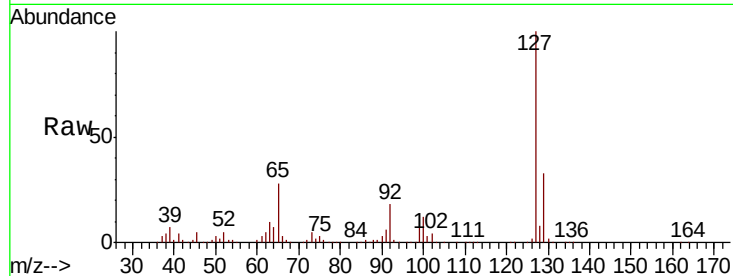




#33
4-Chloroaniline
Concen: 42.603 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF120594.D
Acq: 10 Jun 2020 17:56

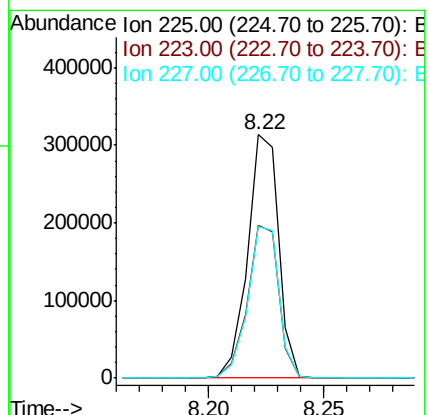
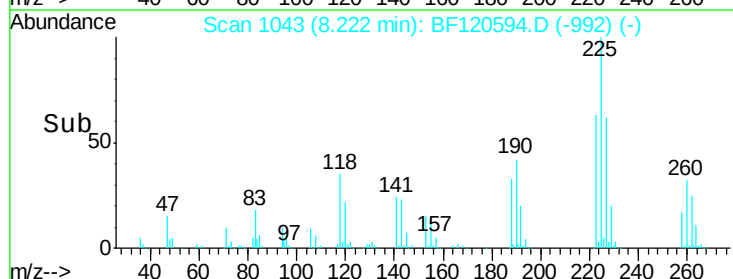
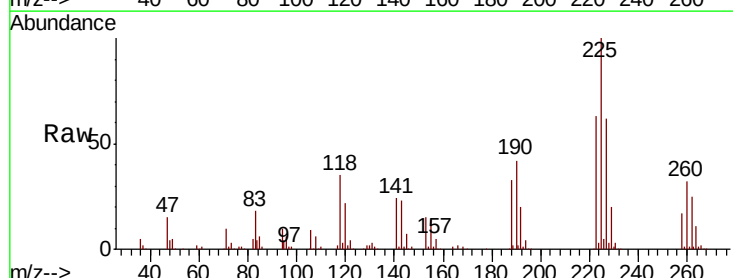
Instrument :
BNA_F
ClientSampleId :
ICVBF061020

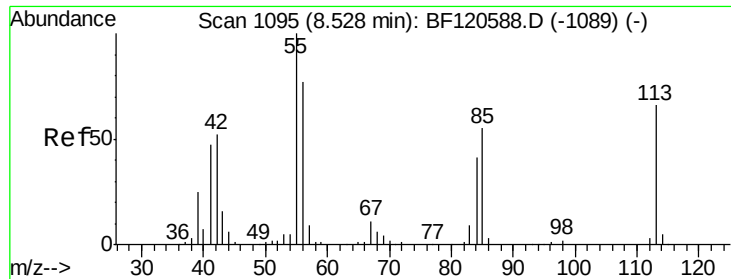
Tot Ion:127	Resp:	661272
Ion	Ratio	Lower Upper
127	100	
129	33.0	25.9 38.9
65	27.9	22.2 33.4
92	18.2	14.2 21.2



#34
Hexachlorobutadiene
Concen: 44.783 ng
RT: 8.22 min Scan# 1043
Delta R.T. 0.00 min
Lab File: BF120594.D
Acq: 10 Jun 2020 17:56

Tgt Ion:225	Resp:	295332
Ion	Ratio	Lower Upper
225	100	
223	62.7	49.9 74.9
227	62.1	50.5 75.7

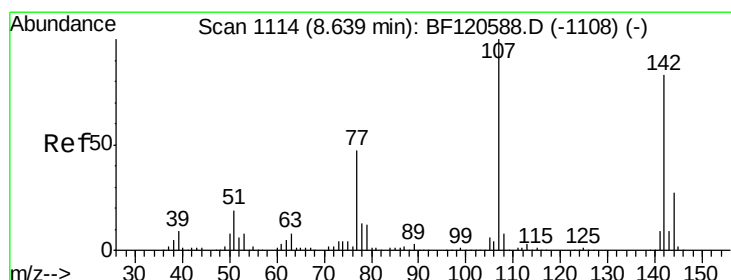
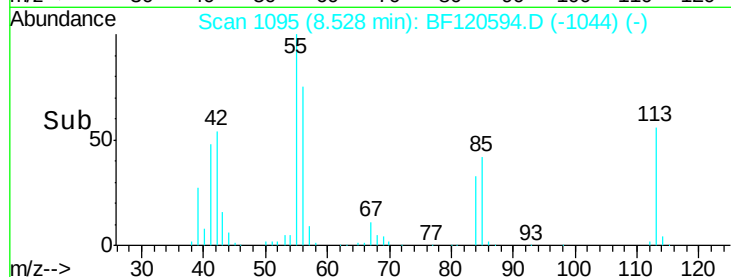
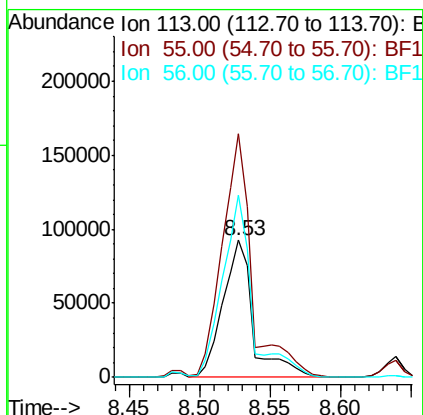
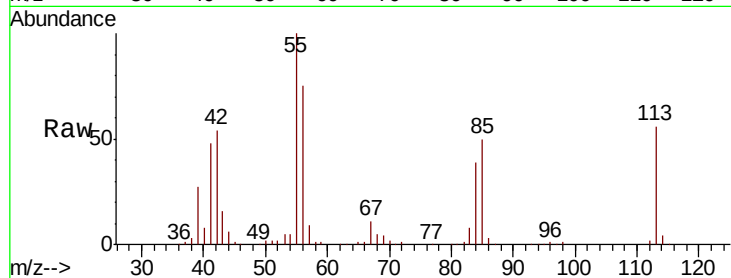




#35
Caprolactam
Concen: 42.235 ng
RT: 8.53 min Scan# 1095
Delta R.T. 0.00 min
Lab File: BF120594.D
Acq: 10 Jun 2020 17:56

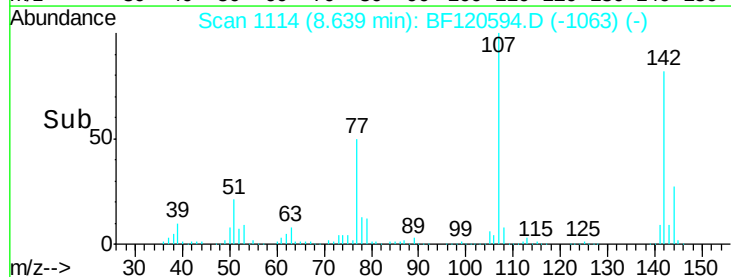
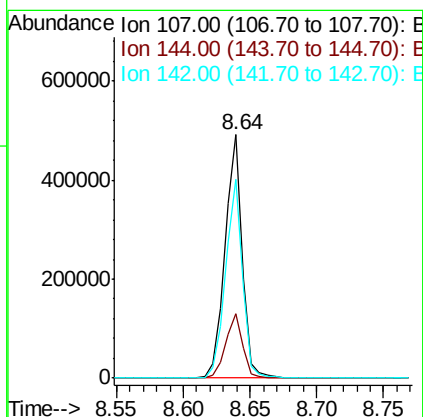
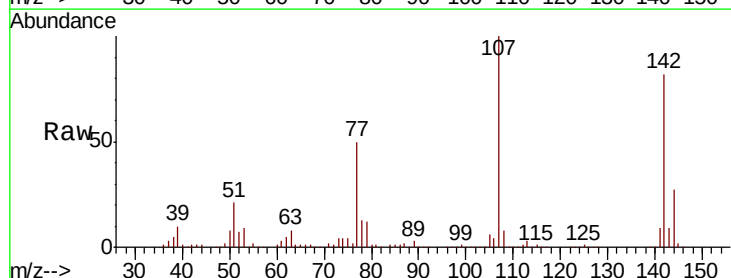
Instrument :
BNA_F
ClientSampleId :
ICVBF061020

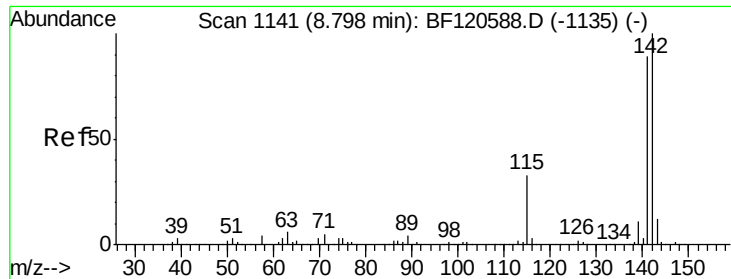
Tot Ion:113 Resp: 137899
Ion Ratio Lower Upper
113 100
55 178.0 133.1 173.1#
56 133.3 98.4 138.4



#36
4-Chloro-3-methylphenol
Concen: 43.902 ng
RT: 8.64 min Scan# 1114
Delta R.T. 0.00 min
Lab File: BF120594.D
Acq: 10 Jun 2020 17:56

Tgt Ion:107 Resp: 447764
Ion Ratio Lower Upper
107 100
144 26.5 21.4 32.2
142 81.6 66.3 99.5

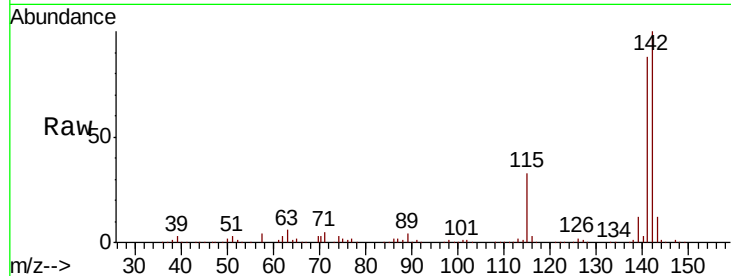




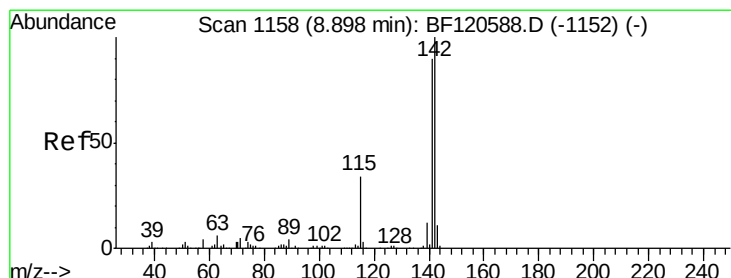
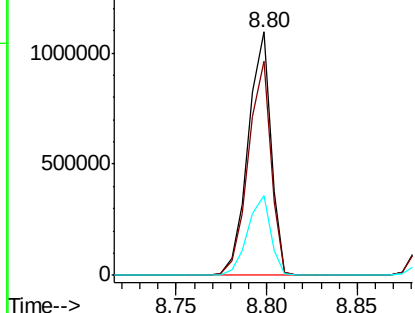
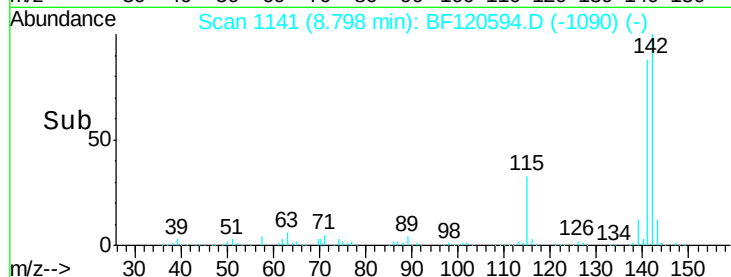
#37
2-Methylnaphthalene
Concen: 43.421 ng
RT: 8.80 min Scan# 1141
Delta R.T. 0.00 min
Lab File: BF120594.D
Acq: 10 Jun 2020 17:56

Instrument :
BNA_F
ClientSampleId :
ICVBF061020

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.2	71.4	107.0
115	32.8	26.1	39.1

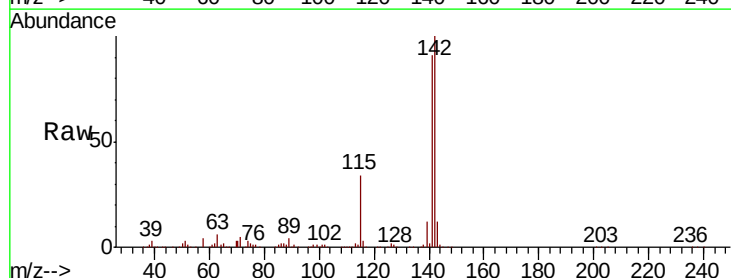


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

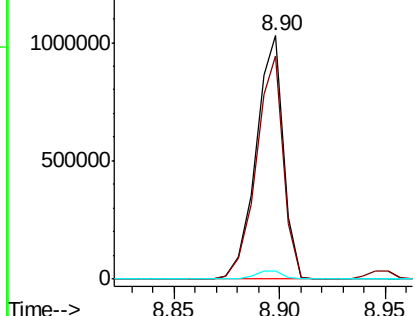
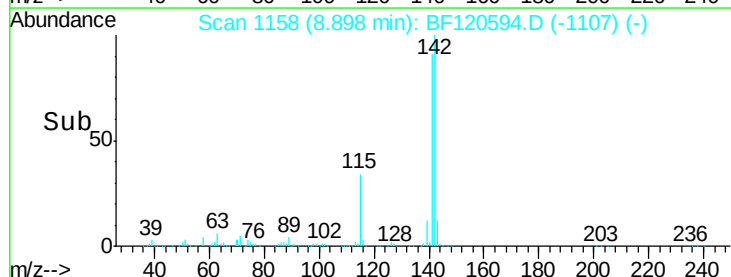


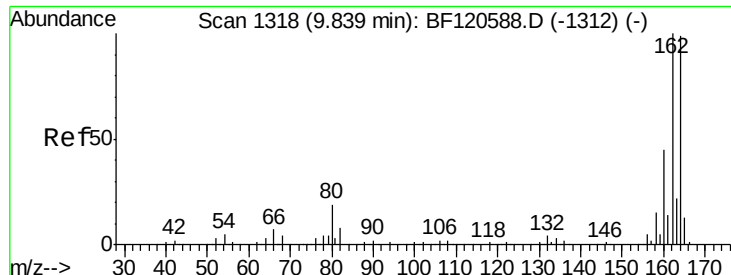
#38
1-Methylnaphthalene
Concen: 44.730 ng
RT: 8.90 min Scan# 1158
Delta R.T. 0.00 min
Lab File: BF120594.D
Acq: 10 Jun 2020 17:56

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.5	72.1	108.1
116	3.4	2.7	4.1



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.84 min Scan# 1318

Delta R.T. 0.00 min

Lab File: BF120594.D

Acq: 10 Jun 2020 17:56

Instrument :

BNA_F

ClientSampleId :

ICVBF061020

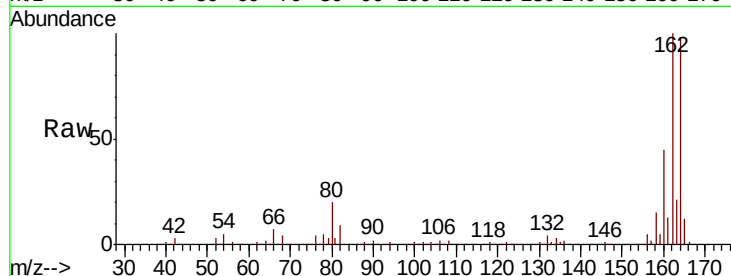
Tot Ion:164 Resp: 347693

Ion Ratio Lower Upper

164 100

162 101.6 80.6 120.8

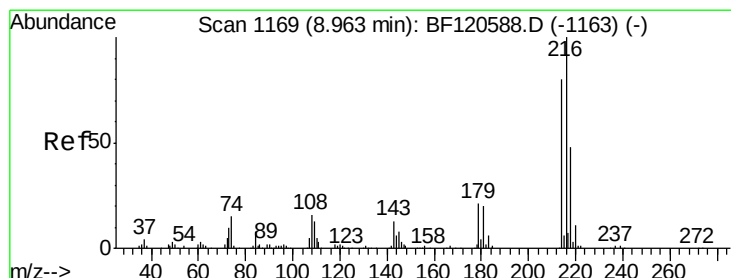
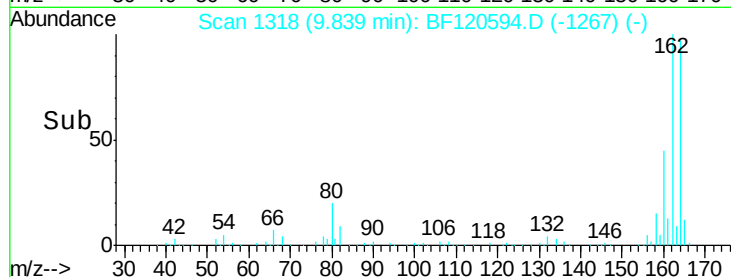
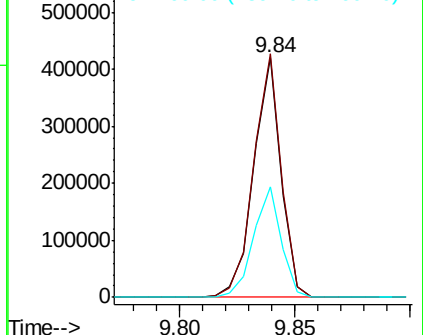
160 46.1 36.2 54.2



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: 44.571 ng

RT: 8.96 min Scan# 1169

Delta R.T. 0.00 min

Lab File: BF120594.D

Acq: 10 Jun 2020 17:56

Tgt Ion:216 Resp: 462724

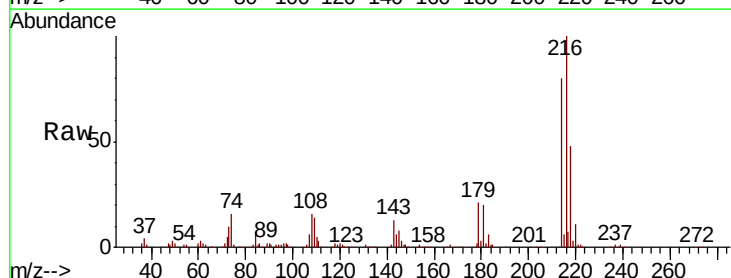
Ion Ratio Lower Upper

216 100

214 79.3 63.8 95.6

179 20.6 16.4 24.6

108 18.3 13.8 20.8

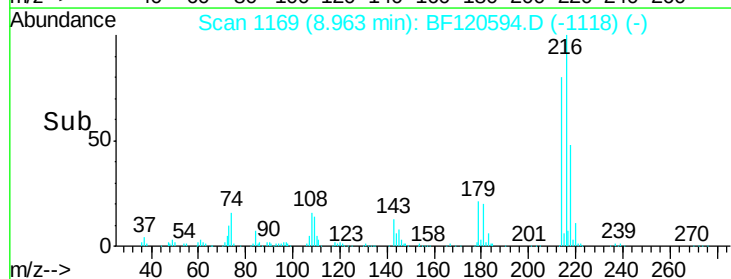
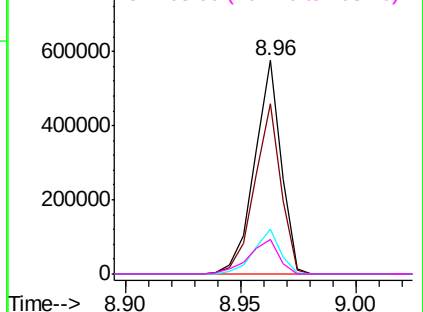


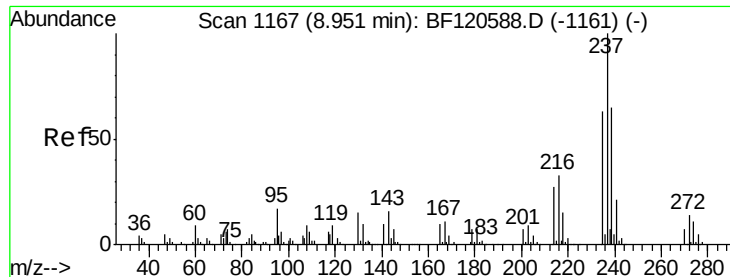
Abundance Ion 216.00 (215.70 to 216.70): E

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: 46.234 ng

RT: 8.95 min Scan# 1167

Delta R.T. 0.00 min

Lab File: BF120594.D

Acq: 10 Jun 2020 17:56

Instrument :

BNA_F

ClientSampleId :

ICVBF061020

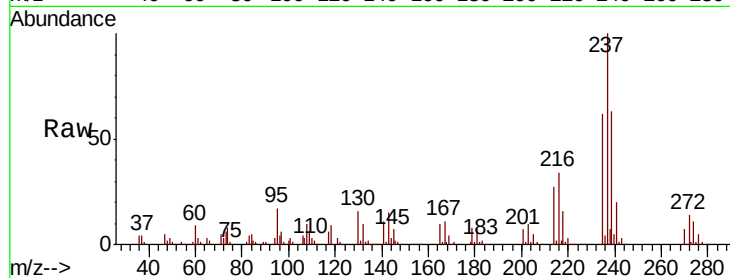
Tot Ion:237 Resp: 268976

Ion Ratio Lower Upper

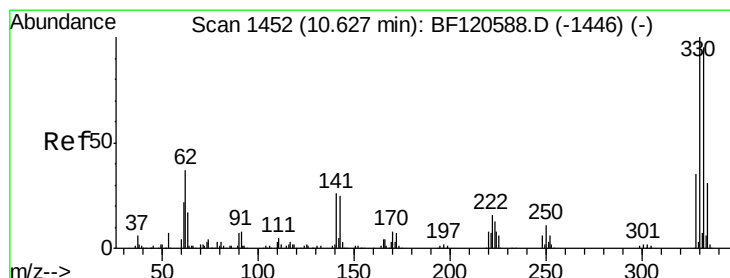
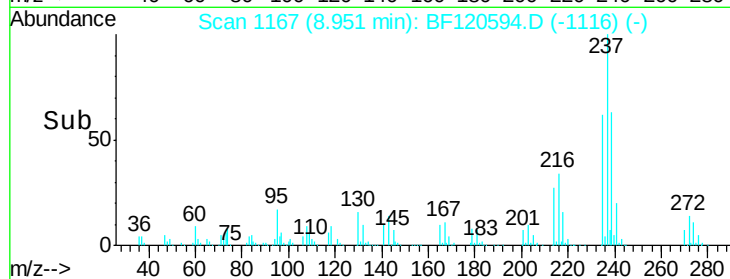
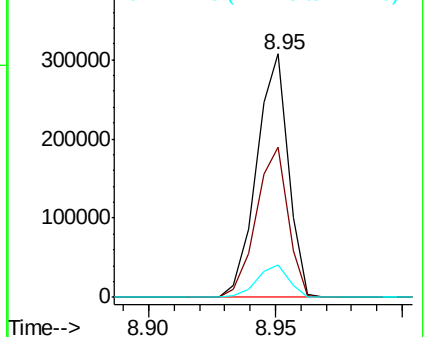
237 100

235 61.9 43.2 83.2

272 13.5 0.0 33.9



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: 87.781 ng

RT: 10.63 min Scan# 1452

Delta R.T. 0.00 min

Lab File: BF120594.D

Acq: 10 Jun 2020 17:56

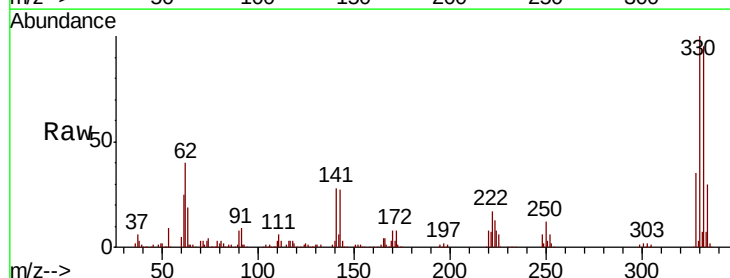
Tgt Ion:330 Resp: 354849

Ion Ratio Lower Upper

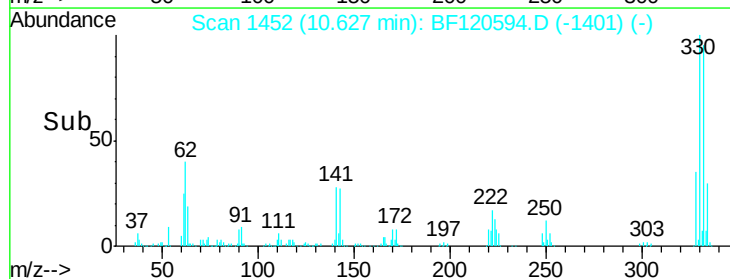
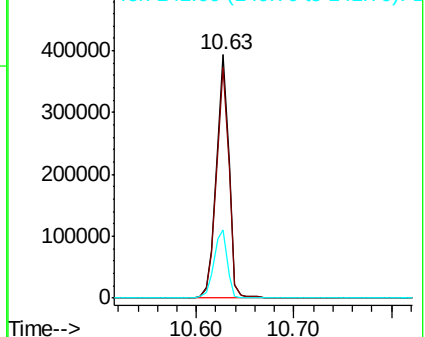
330 100

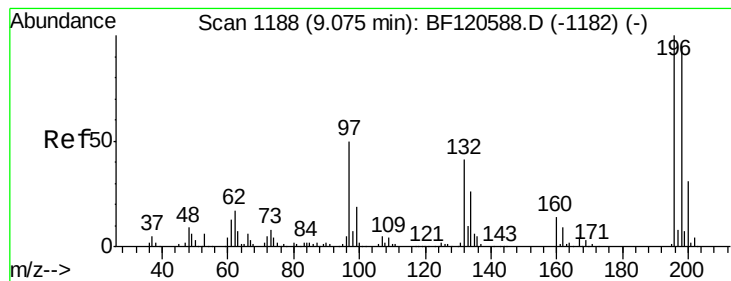
332 95.0 76.8 115.2

141 29.7 23.2 34.8



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: 43.805 ng

RT: 9.07 min Scan# 1188

Delta R.T. 0.00 min

Lab File: BF120594.D

Acq: 10 Jun 2020 17:56

Instrument :

BNA_F

ClientSampleId :

ICVBF061020

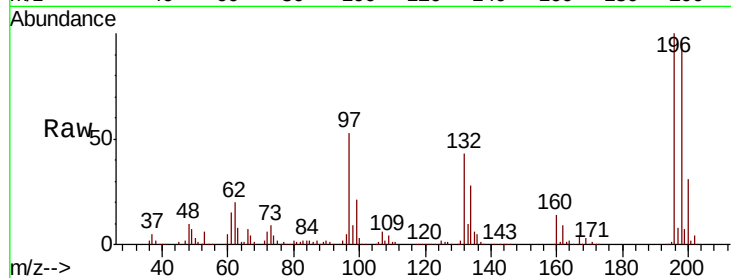
Tot Ion:196 Resp: 322600

Ion Ratio Lower Upper

196 100

198 96.3 76.2 114.2

200 30.9 24.6 37.0

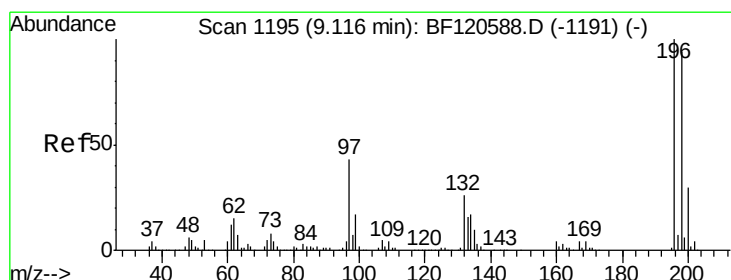
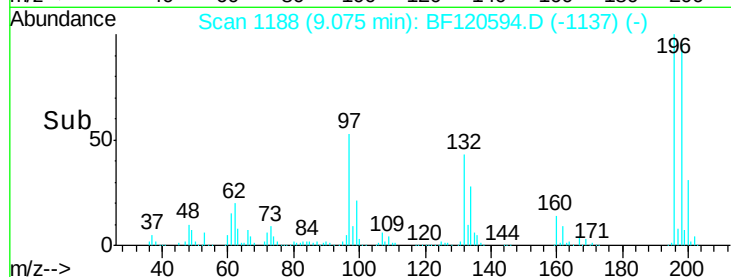
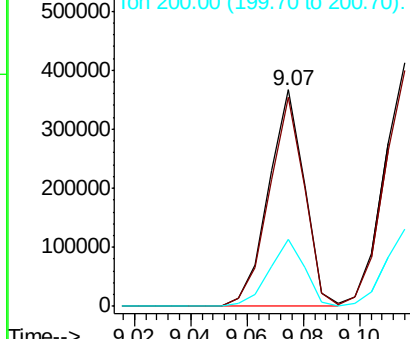


Abundance

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: 44.018 ng

RT: 9.12 min Scan# 1195

Delta R.T. 0.00 min

Lab File: BF120594.D

Acq: 10 Jun 2020 17:56

Tgt Ion:196 Resp: 367777

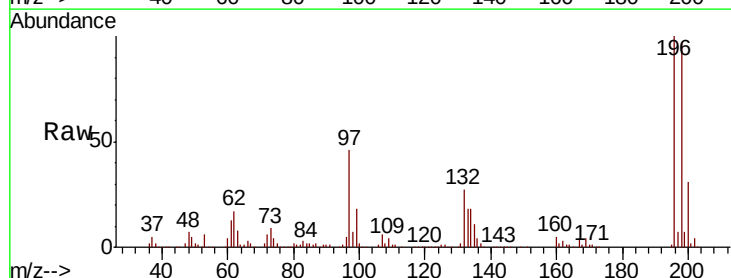
Ion Ratio Lower Upper

196 100

198 96.9 75.5 113.3

97 46.0 34.4 51.6

132 27.3 20.7 31.1



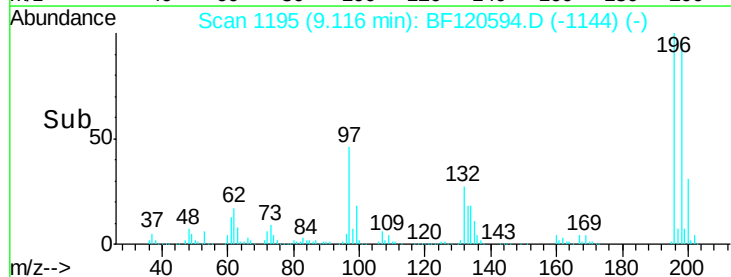
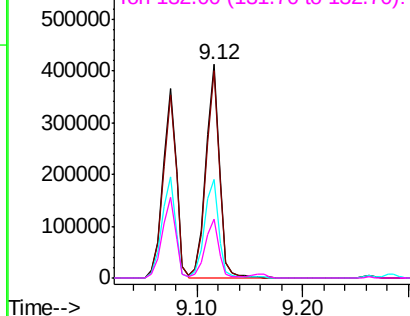
Abundance

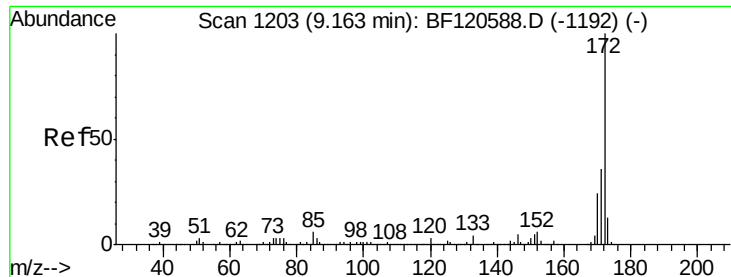
Ion 196.00 (195.70 to 196.70): E

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

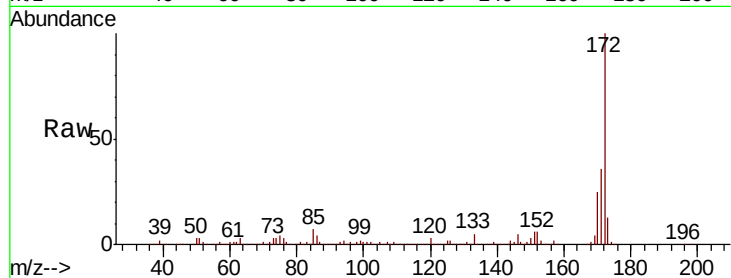




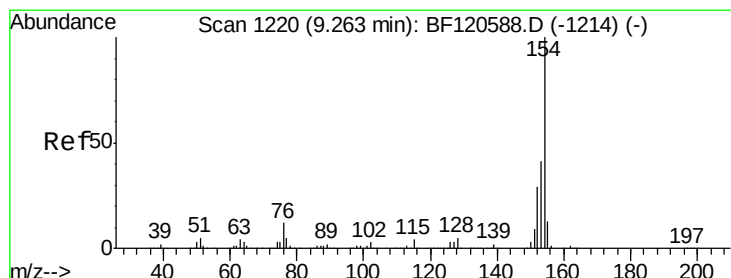
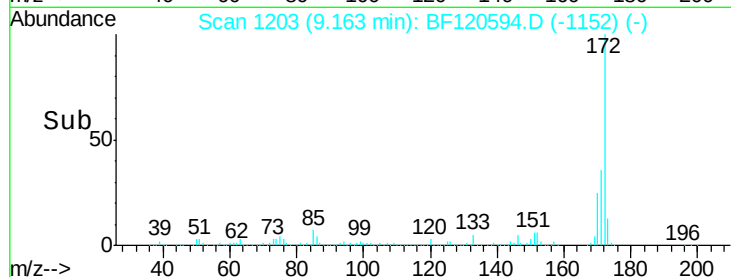
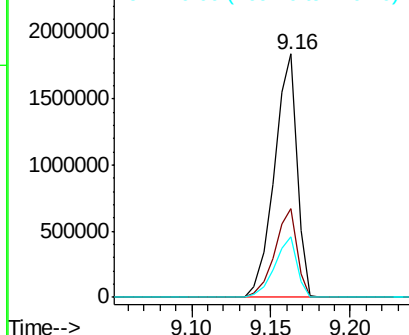
#45
2-Fluorobiphenyl
Concen: 80.615 ng
RT: 9.16 min Scan# 1203
Delta R.T. 0.00 min
Lab File: BF120594.D
Acq: 10 Jun 2020 17:56

Instrument :
BNA_F
ClientSampleId :
ICVBF061020

Tot Ion:172 Resp: 1831997
Ion Ratio Lower Upper
172 100
171 36.2 29.0 43.4
170 24.7 19.4 29.2

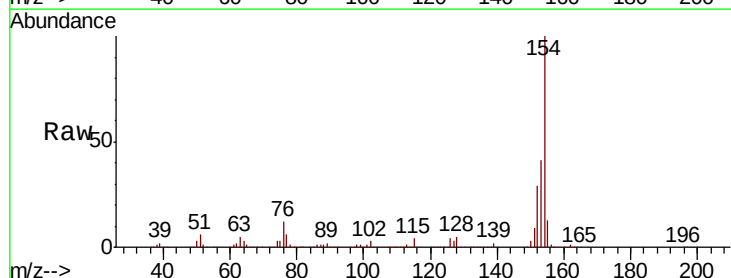


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

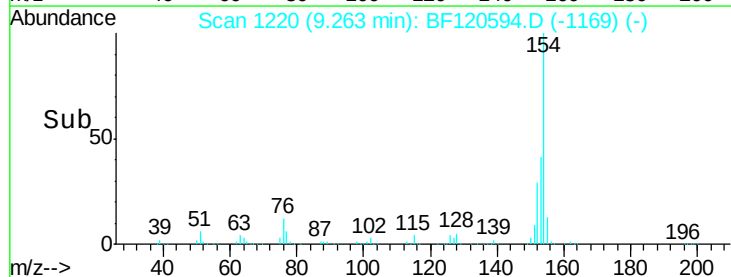
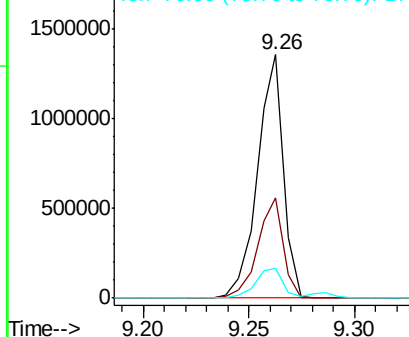


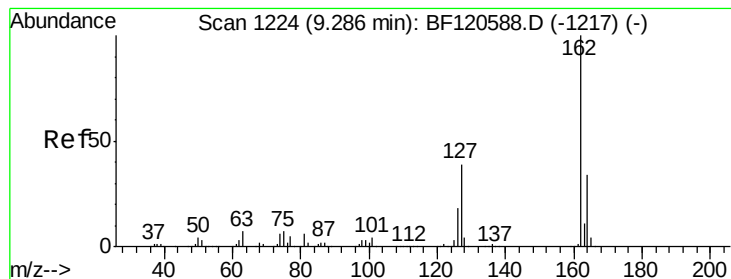
#46
1,1'-Biphenyl
Concen: 44.402 ng
RT: 9.26 min Scan# 1220
Delta R.T. 0.00 min
Lab File: BF120594.D
Acq: 10 Jun 2020 17:56

Tgt Ion:154 Resp: 1152785
Ion Ratio Lower Upper
154 100
153 41.3 21.4 61.4
76 12.1 0.0 31.6



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: 44.420 ng

RT: 9.29 min Scan# 1224

Delta R.T. 0.00 min

Lab File: BF120594.D

Acq: 10 Jun 2020 17:56

Instrument :

BNA_F

ClientSampleId :

ICVBF061020

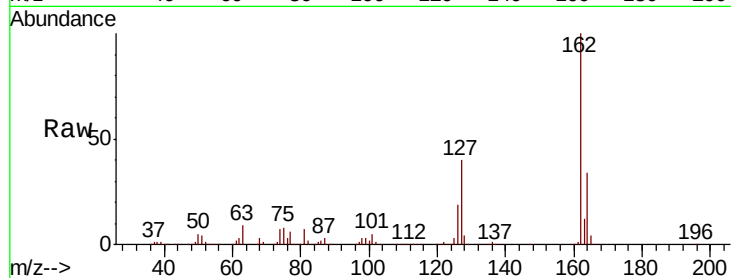
Tot Ion:162 Resp: 943067

Ion Ratio Lower Upper

162 100

127 39.9 31.3 46.9

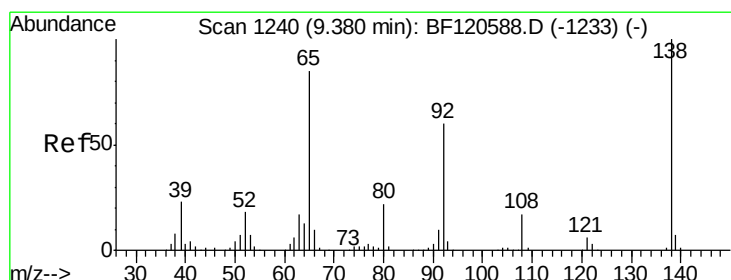
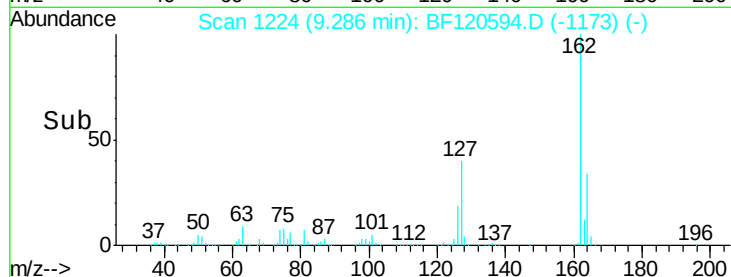
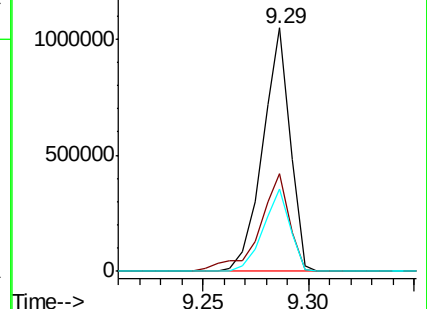
164 33.9 26.9 40.3



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 45.642 ng

RT: 9.38 min Scan# 1240

Delta R.T. 0.00 min

Lab File: BF120594.D

Acq: 10 Jun 2020 17:56

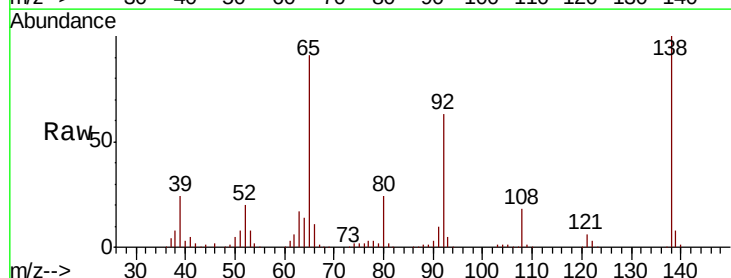
Tgt Ion: 65 Resp: 304335

Ion Ratio Lower Upper

65 100

92 69.9 56.0 84.0

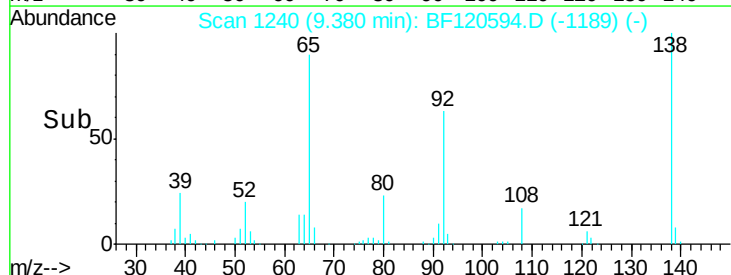
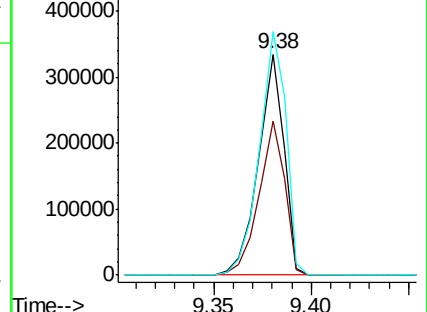
138 110.3 94.0 141.0

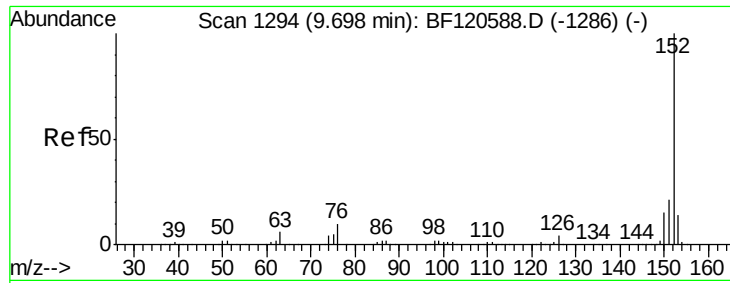


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 43.661 ng

RT: 9.70 min Scan# 1295

Delta R.T. 0.01 min

Lab File: BF120594.D

Acq: 10 Jun 2020 17:56

Instrument :

BNA_F

ClientSampleId :

ICVBF061020

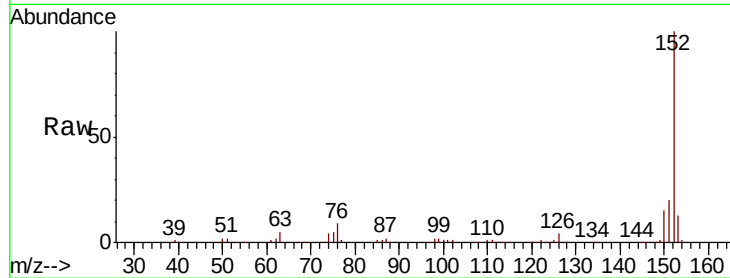
Tot Ion:152 Resp: 1430563

Ion Ratio Lower Upper

152 100

151 20.5 16.6 25.0

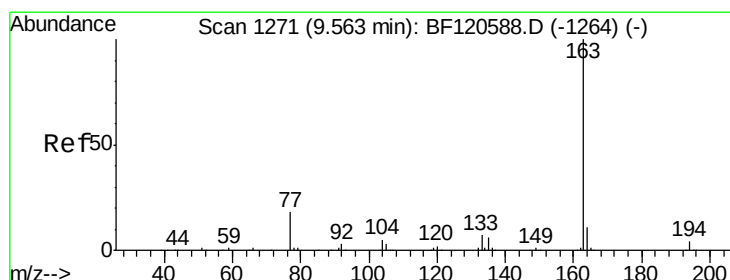
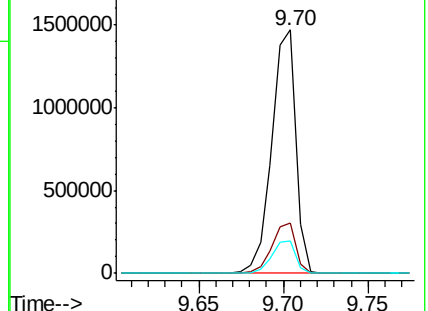
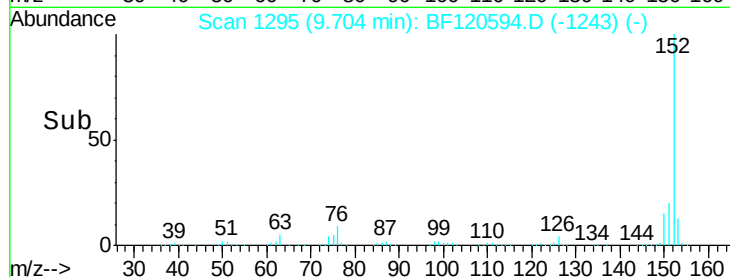
153 13.1 11.0 16.6



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: 44.491 ng

RT: 9.56 min Scan# 1271

Delta R.T. 0.00 min

Lab File: BF120594.D

Acq: 10 Jun 2020 17:56

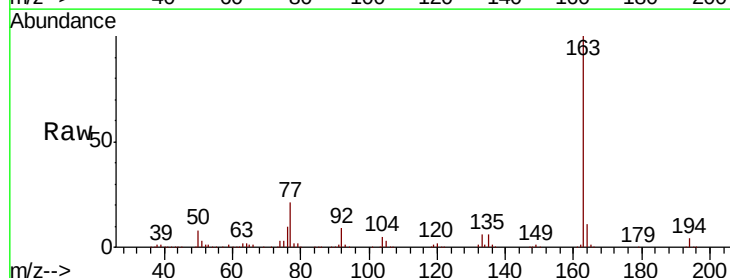
Tgt Ion:163 Resp: 1114101

Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

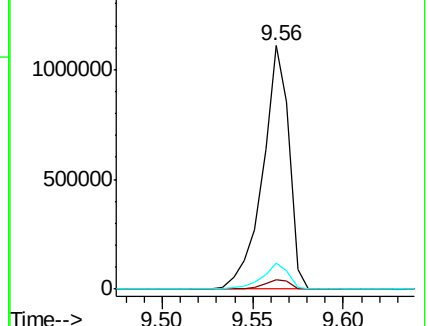
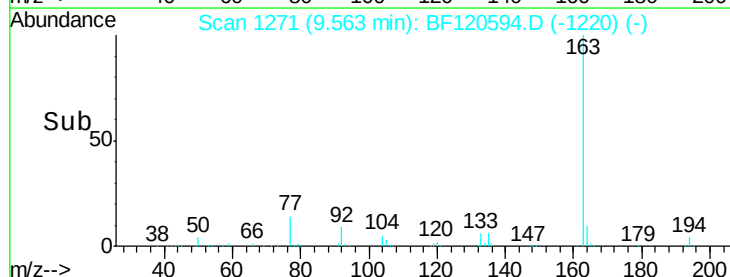
164 10.5 8.5 12.7

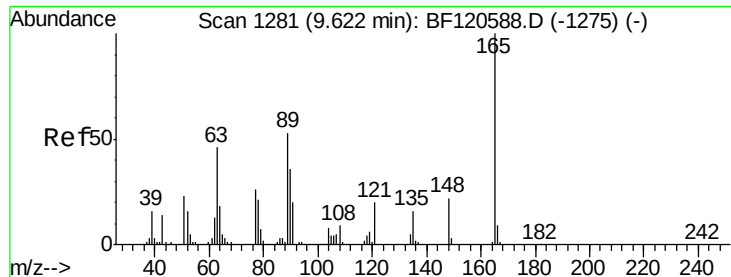


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 43.400 ng

RT: 9.62 min Scan# 1281

Delta R.T. 0.00 min

Lab File: BF120594.D

Acq: 10 Jun 2020 17:56

Instrument :

BNA_F

ClientSampleId :

ICVBF061020

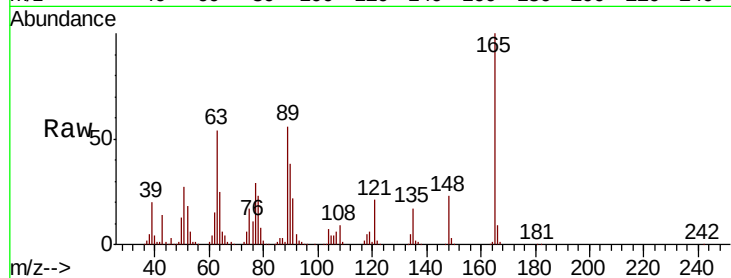
Tot Ion:165 Resp: 246296

Ion Ratio Lower Upper

165 100

63 54.2 41.7 62.5

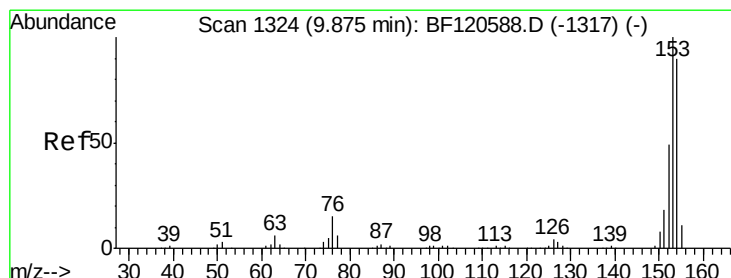
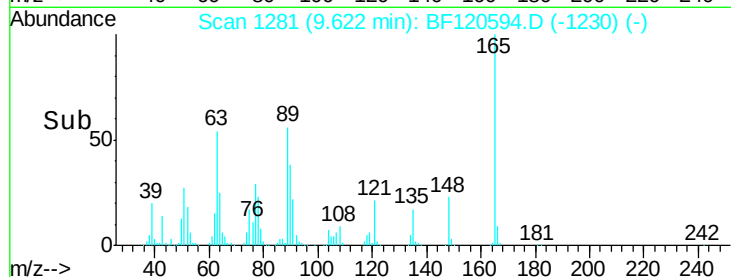
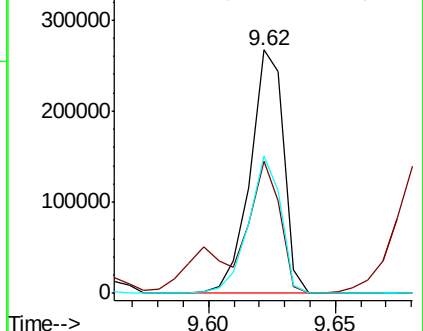
89 56.2 42.6 64.0



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



#52

Acenaphthene

Concen: 44.003 ng

RT: 9.87 min Scan# 1324

Delta R.T. 0.00 min

Lab File: BF120594.D

Acq: 10 Jun 2020 17:56

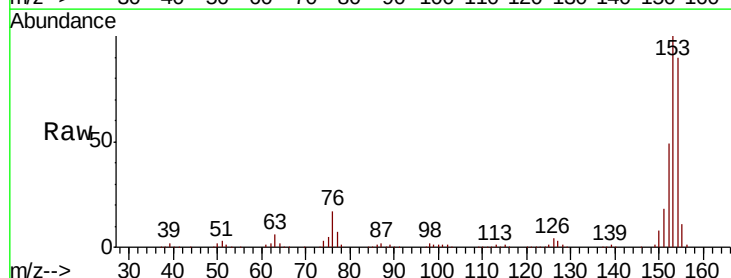
Tgt Ion:154 Resp: 859883

Ion Ratio Lower Upper

154 100

153 111.1 89.1 133.7

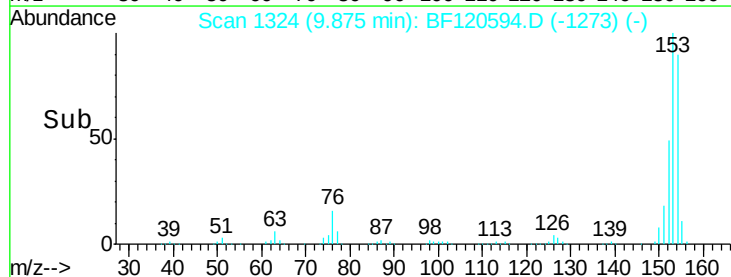
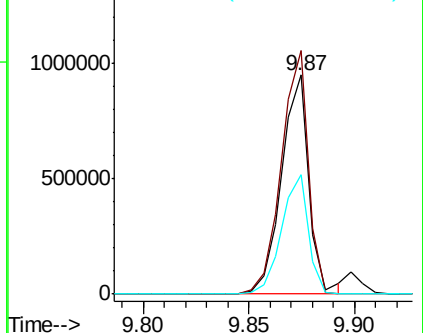
152 54.5 43.7 65.5

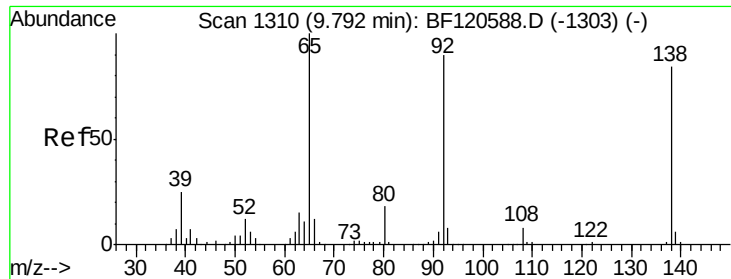


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

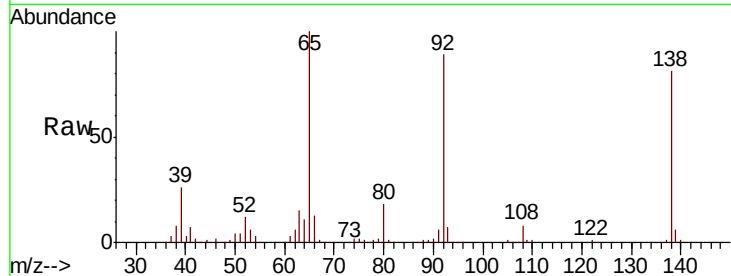




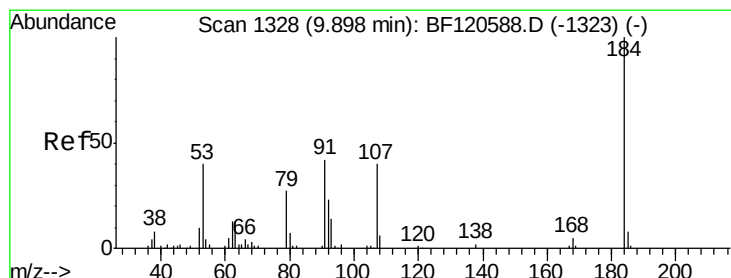
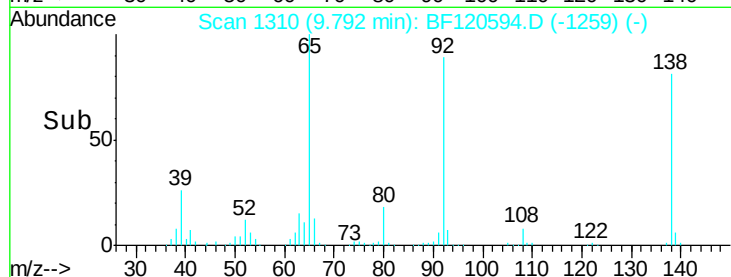
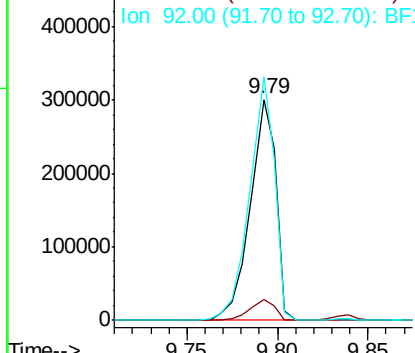
#53
3-Nitroaniline
Concen: 43.592 ng
RT: 9.79 min Scan# 1310
Delta R.T. 0.00 min
Lab File: BF120594.D
Acq: 10 Jun 2020 17:56

Instrument :
BNA_F
ClientSampleId :
ICVBF061020

Tot Ion:138 Resp: 297128
Ion Ratio Lower Upper
138 100
108 9.4 8.0 12.0
92 110.1 86.0 129.0

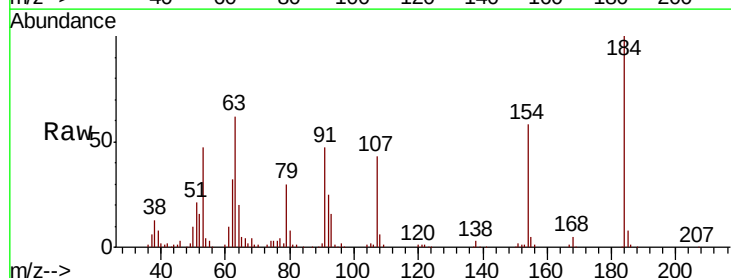


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

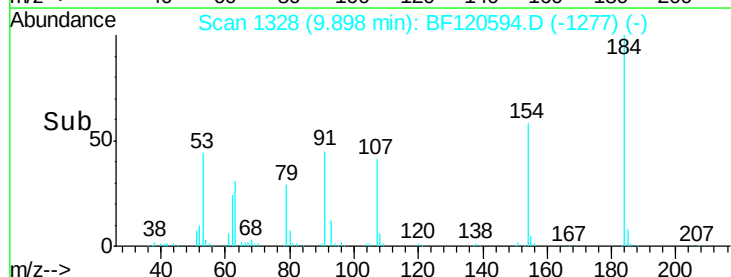
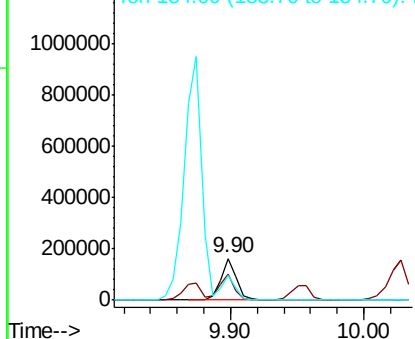


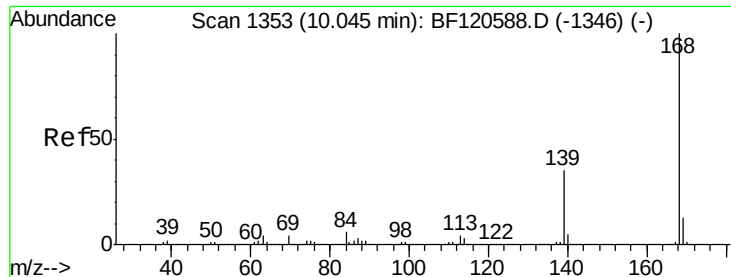
#54
2,4-Dinitrophenol
Concen: 42.761 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.00 min
Lab File: BF120594.D
Acq: 10 Jun 2020 17:56

Tgt Ion:184 Resp: 137424
Ion Ratio Lower Upper
184 100
63 62.2 44.2 66.2
154 58.1 45.9 68.9



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E



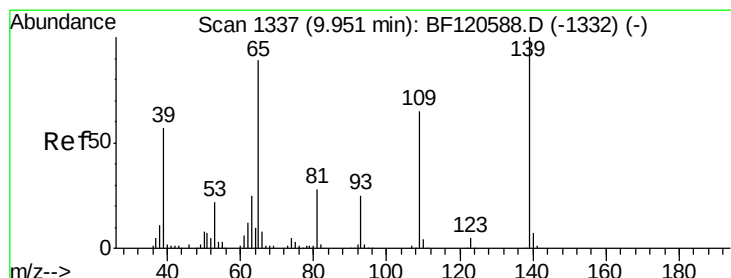
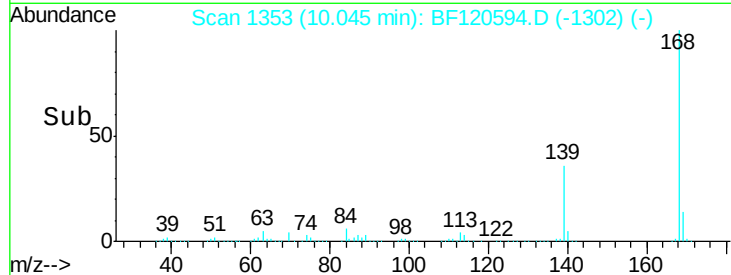
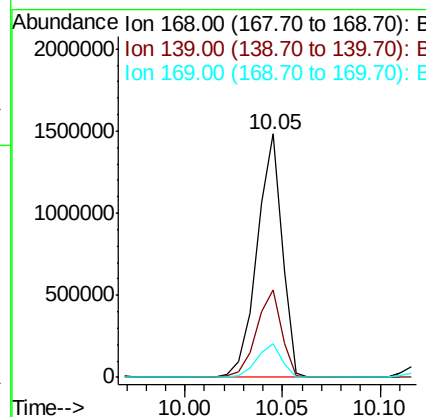
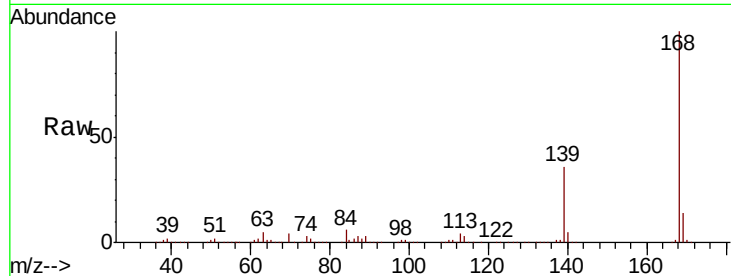


#55
Dibenzenofuran
Concen: 43.819 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.00 min
Lab File: BF120594.D
Acq: 10 Jun 2020 17:56

Instrument :
BNA_F
ClientSampleId :
ICVBF061020

Tot Ion:168 Resp: 1312958

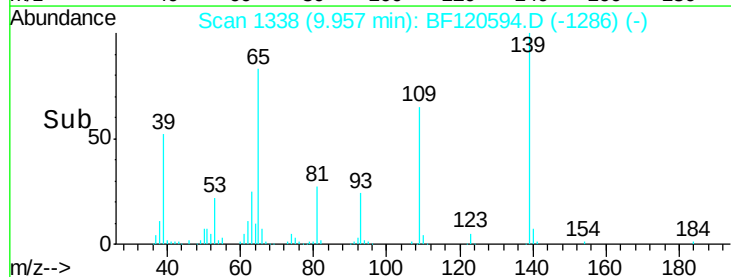
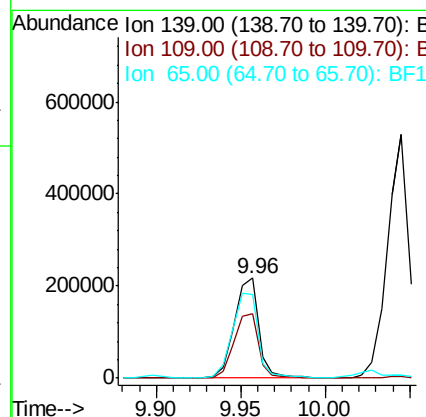
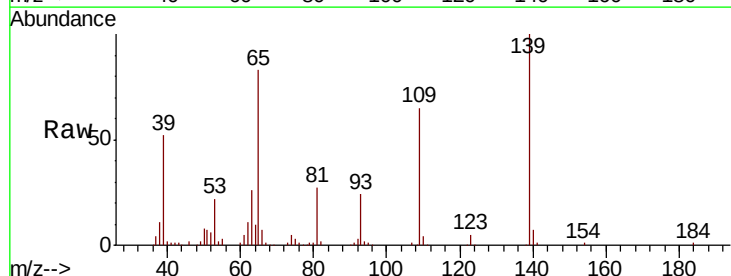
Ion	Ratio	Lower	Upper
168	100		
139	35.7	28.1	42.1
169	13.8	10.6	16.0

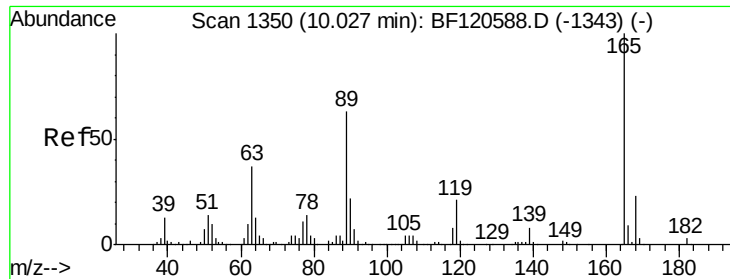


#56
4-Nitrophenol
Concen: 42.544 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.01 min
Lab File: BF120594.D
Acq: 10 Jun 2020 17:56

Tgt Ion:139 Resp: 218404

Ion	Ratio	Lower	Upper
139	100		
109	65.0	44.6	84.6
65	83.4	69.2	109.2

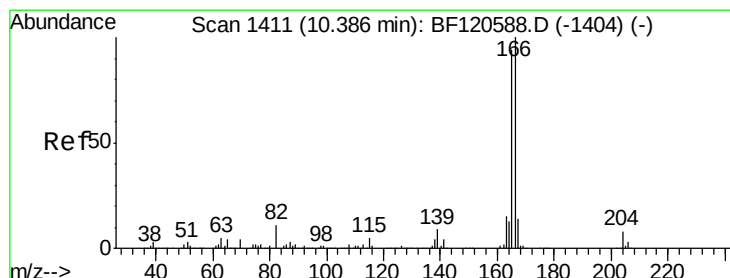
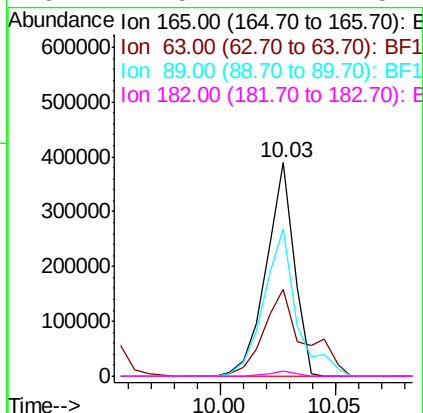
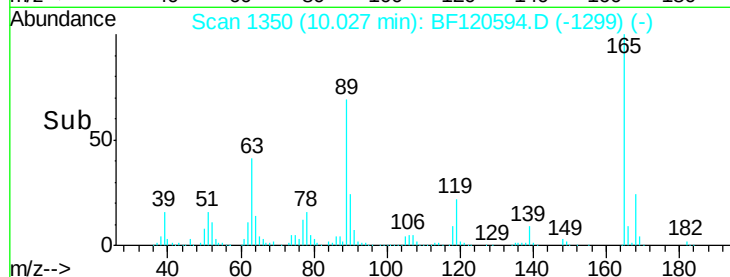
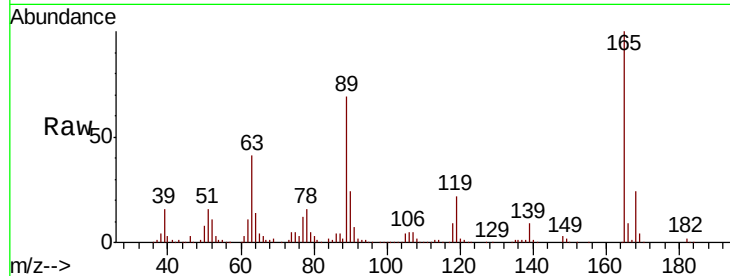




#57
2,4-Dinitrotoluene
Concen: 43.767 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.00 min
Lab File: BF120594.D
Acq: 10 Jun 2020 17:56

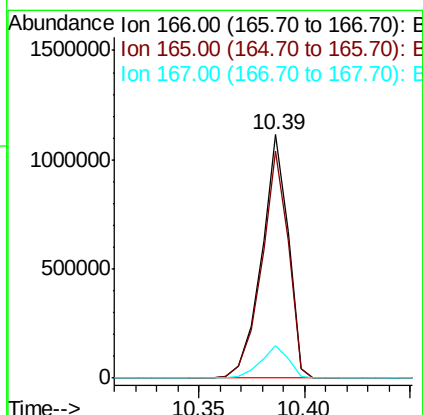
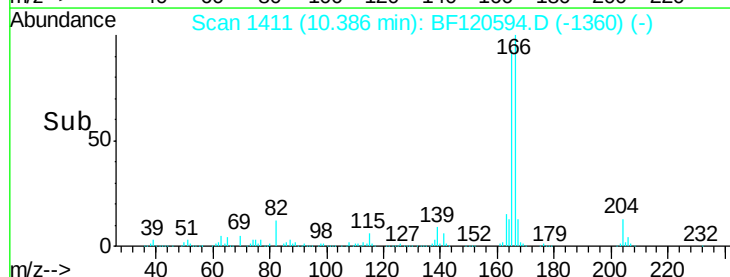
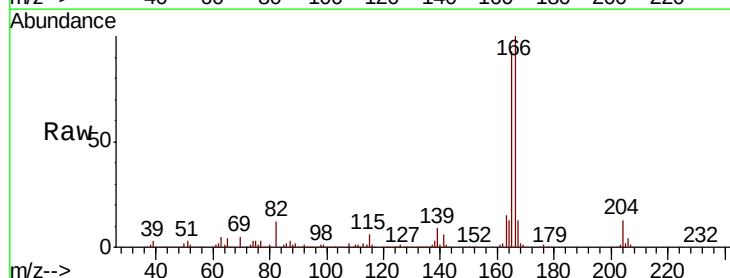
Instrument :
BNA_F
ClientSampleId :
ICVBF061020

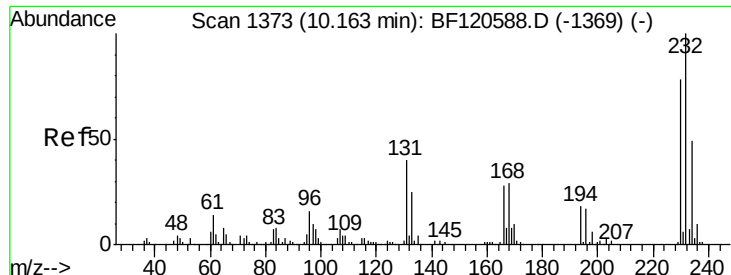
Tot Ion:165	Resp:	329584	
Ion Ratio	Lower	Upper	
165 100			
63 40.7	29.8	44.8	
89 69.1	50.4	75.6	
182 2.5	2.1	3.1	



#58
Fluorene
Concen: 42.210 ng
RT: 10.39 min Scan# 1411
Delta R.T. 0.00 min
Lab File: BF120594.D
Acq: 10 Jun 2020 17:56

Tgt	Ion:166	Resp:	974987
Ion	Ratio	Lower	Upper
166	100		
165	93.4	75.0	112.6
167	13.4	11.0	16.4

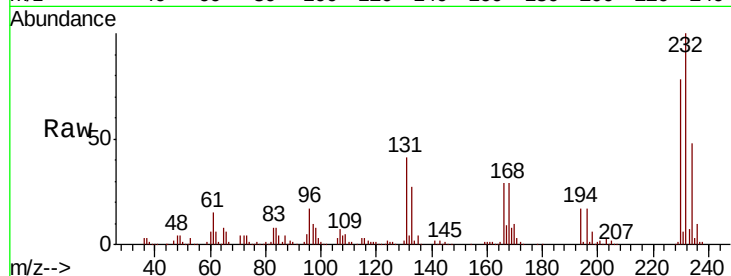




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.908 ng
RT: 10.16 min Scan# 1373
Delta R.T. 0.00 min
Lab File: BF120594.D
Acq: 10 Jun 2020 17:56

Instrument :
BNA_F
ClientSampleId :
ICVBF061020

Tot Ion	Ratio	Lower	Upper
232	100		
131	43.0	33.5	50.3
130	2.0	1.5	2.3
166	29.1	23.4	35.0



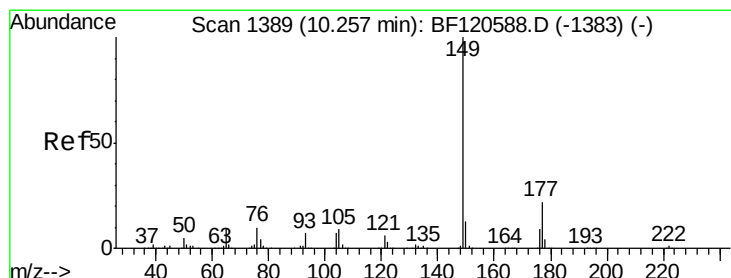
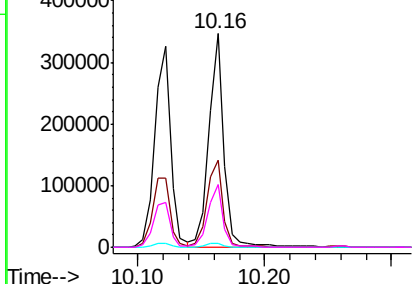
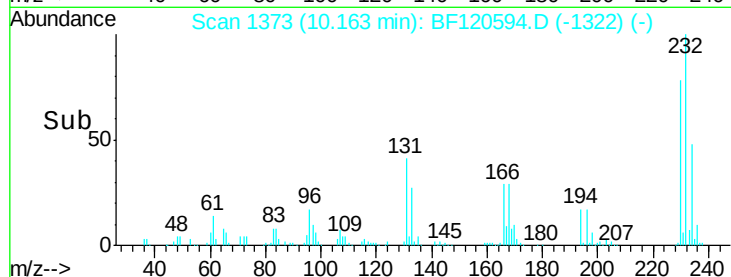
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

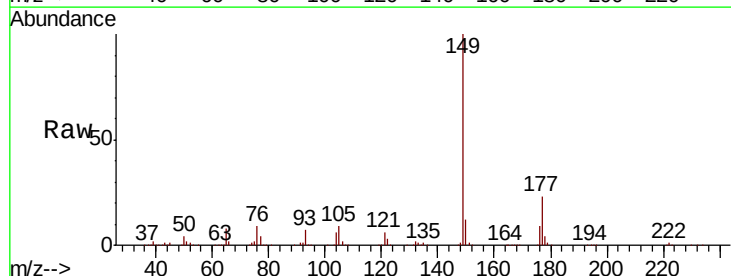
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 43.637 ng
RT: 10.26 min Scan# 1390
Delta R.T. 0.01 min
Lab File: BF120594.D
Acq: 10 Jun 2020 17:56

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.8	17.3	25.9
150	12.4	10.3	15.5

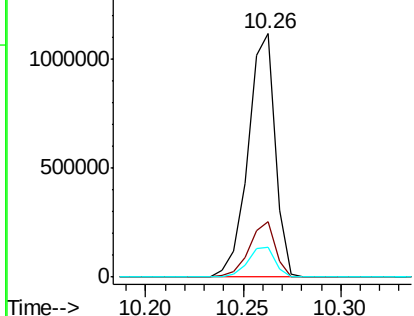
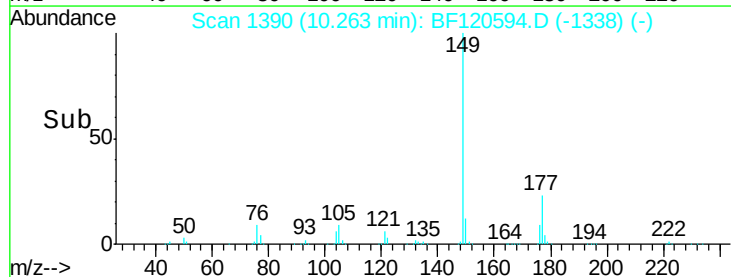


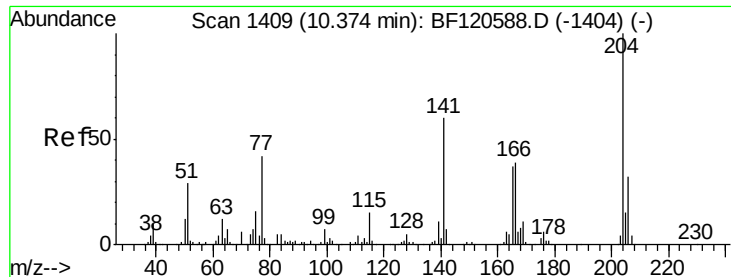
Abundance

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: 42.339 ng

RT: 10.38 min Scan# 1410

Delta R.T. 0.01 min

Lab File: BF120594.D

Acq: 10 Jun 2020 17:56

Instrument :

BNA_F

ClientSampleId :

ICVBF061020

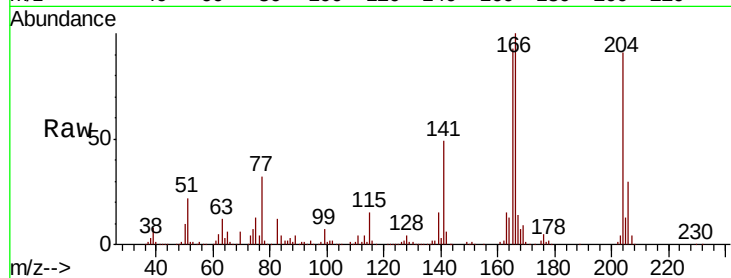
Tot Ion:204 Resp: 505033

Ion Ratio Lower Upper

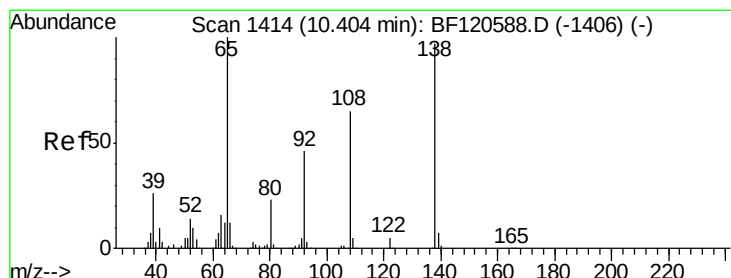
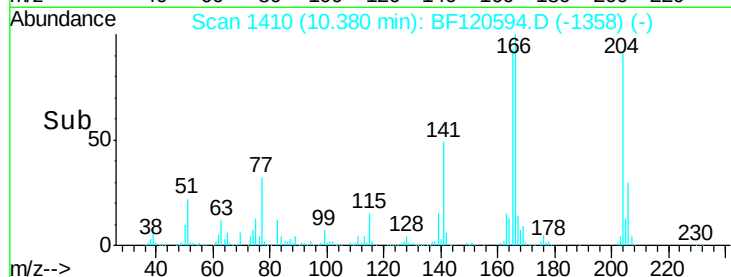
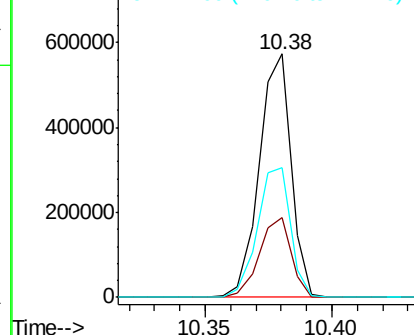
204 100

206 32.9 25.9 38.9

141 53.5 47.6 71.4



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: 43.334 ng

RT: 10.41 min Scan# 1415

Delta R.T. 0.01 min

Lab File: BF120594.D

Acq: 10 Jun 2020 17:56

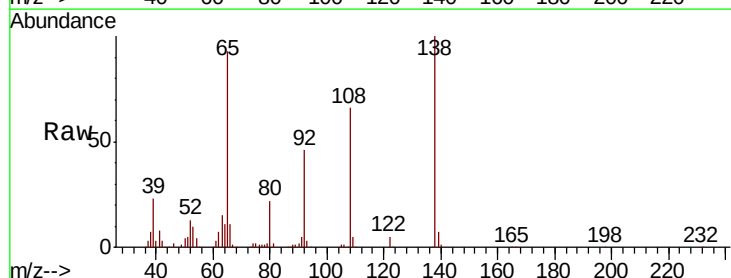
Tgt Ion:138 Resp: 293234

Ion Ratio Lower Upper

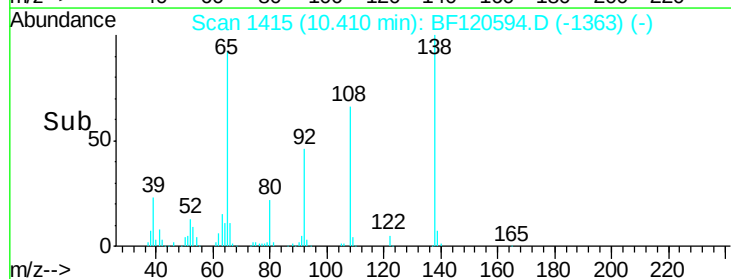
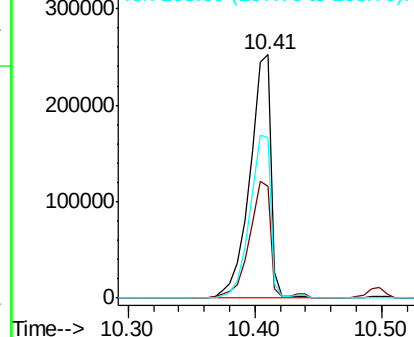
138 100

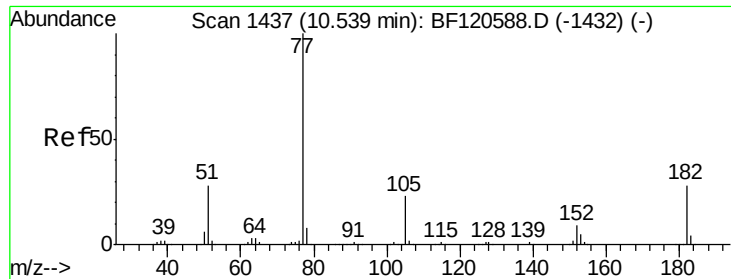
92 45.7 27.3 67.3

108 65.9 47.4 87.4



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: 45.969 ng

RT: 10.54 min Scan# 1437

Delta R.T. 0.00 min

Lab File: BF120594.D

Acq: 10 Jun 2020 17:56

Instrument :

BNA_F

ClientSampleId :

ICVBF061020

Tot Ion: 77 Resp: 1029107

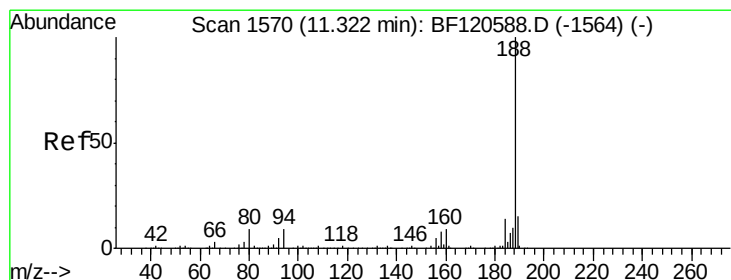
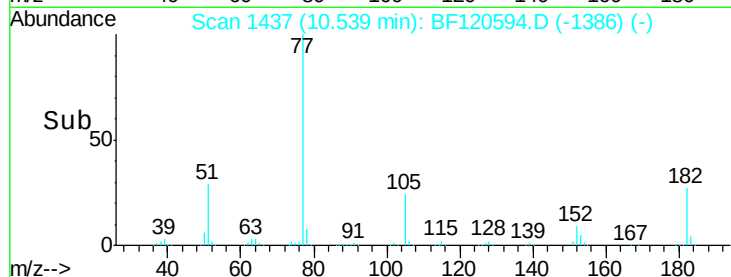
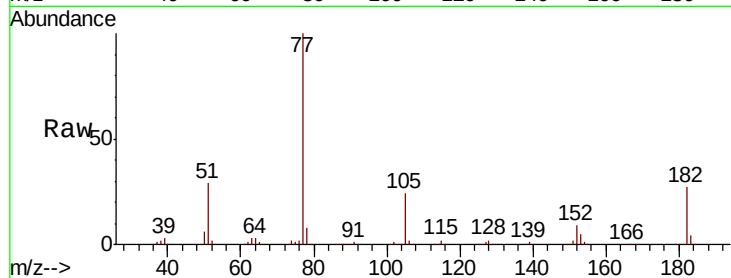
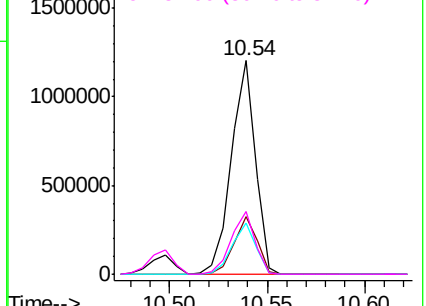
Ion	Ratio	Lower	Upper
77	100		
182	26.7	7.7	47.7
105	24.1	3.2	43.2
51	29.4	8.5	48.5

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: 11.32 min Scan# 1570

Delta R.T. 0.00 min

Lab File: BF120594.D

Acq: 10 Jun 2020 17:56

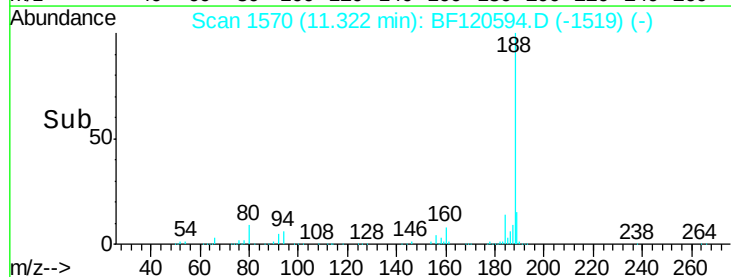
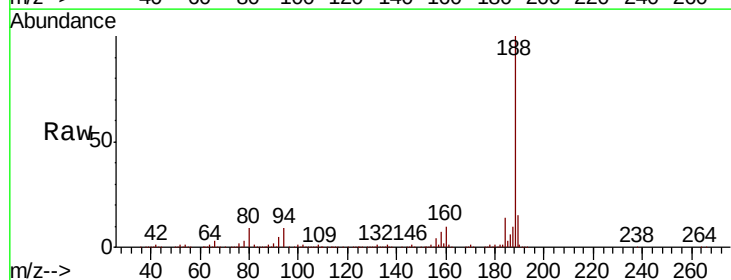
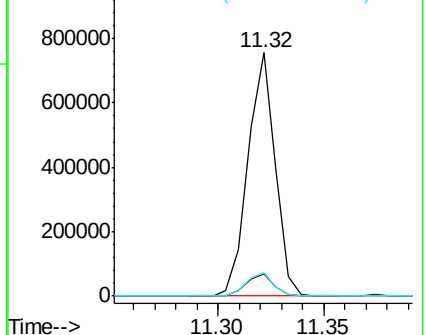
Tgt Ion: 188 Resp: 675733

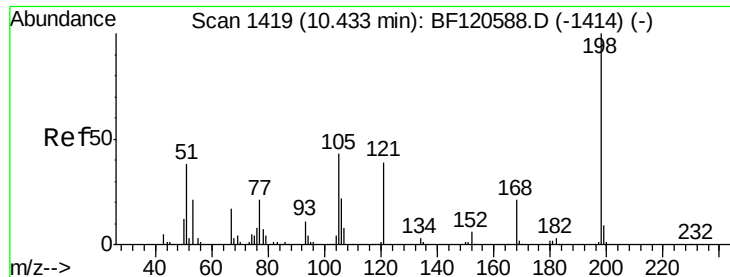
Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.2	10.8
80	9.5	7.4	11.2

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

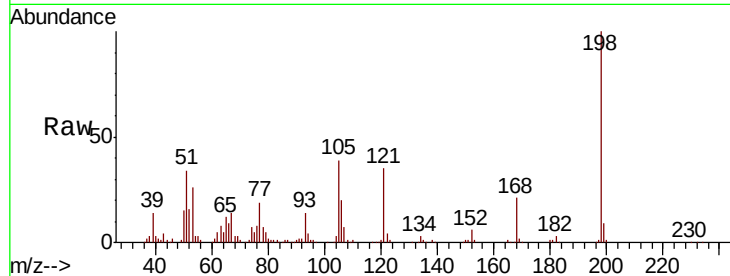




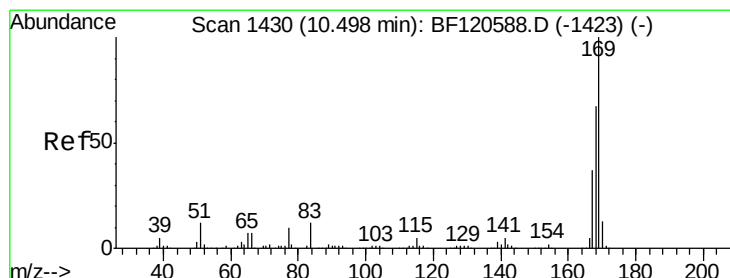
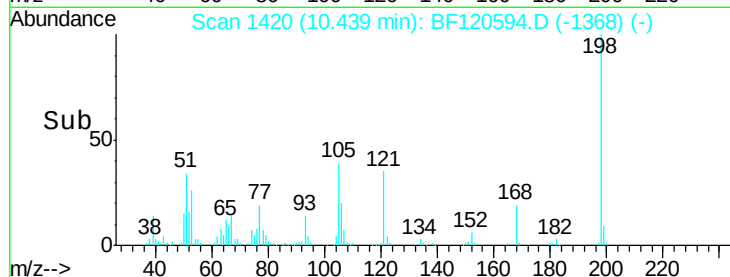
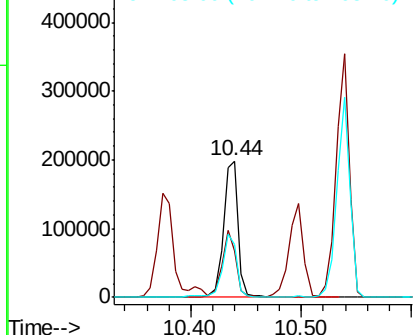
#65
4,6-Dinitro-2-methylphenol
Concen: 45.089 ng
RT: 10.44 min Scan# 1420
Delta R.T. 0.01 min
Lab File: BF120594.D
Acq: 10 Jun 2020 17:56

Instrument :
BNA_F
ClientSampleId :
ICVBF061020

Tot Ion:198 Resp: 182820
Ion Ratio Lower Upper
198 100
51 34.3 24.8 64.8
105 38.8 23.9 63.9

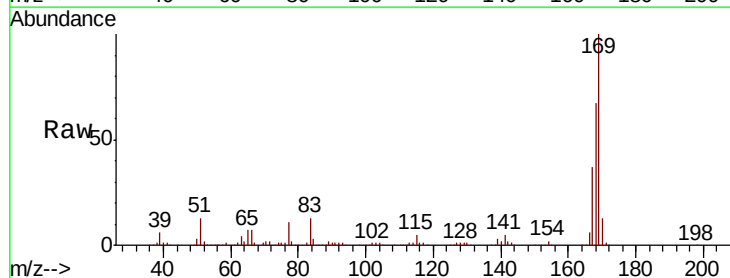


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

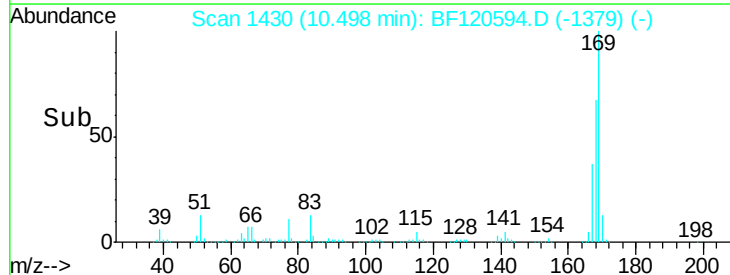
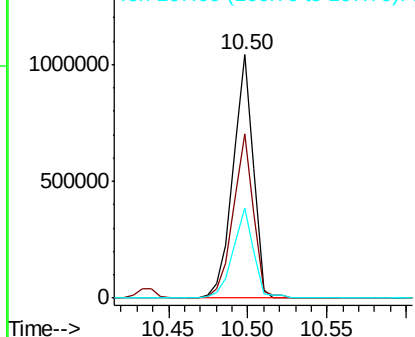


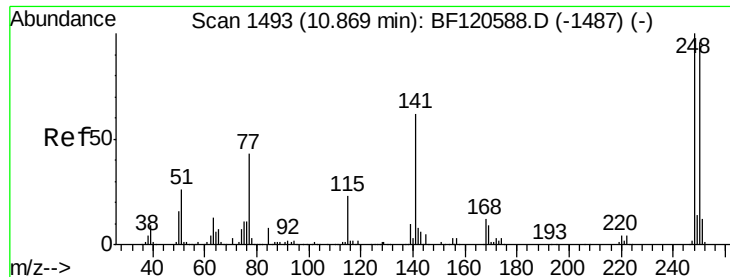
#66
n-Nitrosodiphenylamine
Concen: 44.516 ng
RT: 10.50 min Scan# 1430
Delta R.T. 0.00 min
Lab File: BF120594.D
Acq: 10 Jun 2020 17:56

Tgt Ion:169 Resp: 923761
Ion Ratio Lower Upper
169 100
168 67.3 53.7 80.5
167 37.0 29.9 44.9



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

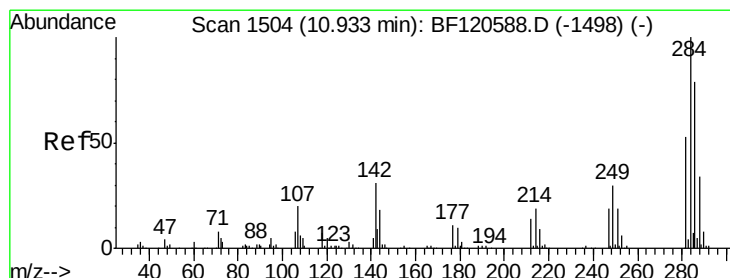
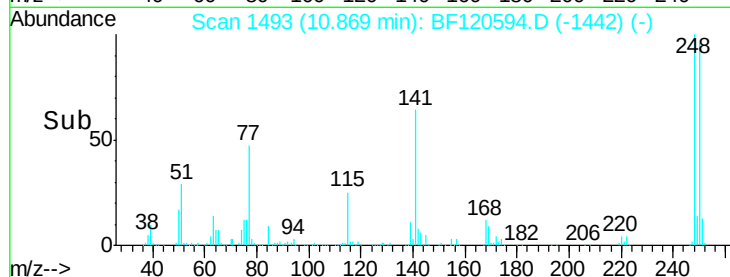
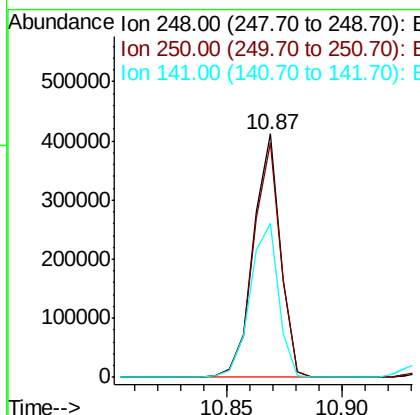
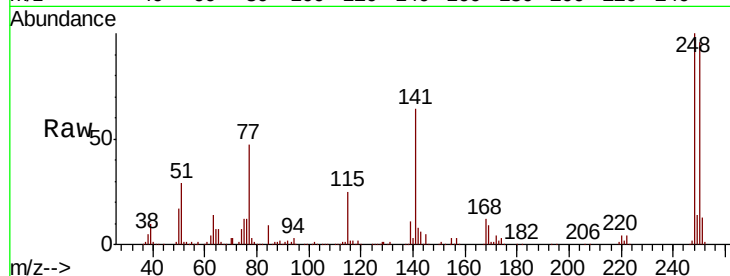




#67
4-Bromophenyl-phenylether
Concen: 43.916 ng
RT: 10.87 min Scan# 1493
Delta R.T. 0.00 min
Lab File: BF120594.D
Acq: 10 Jun 2020 17:56

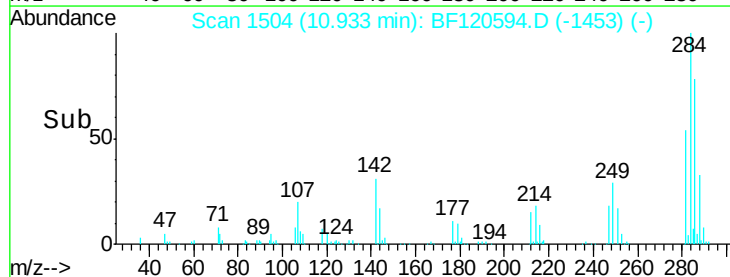
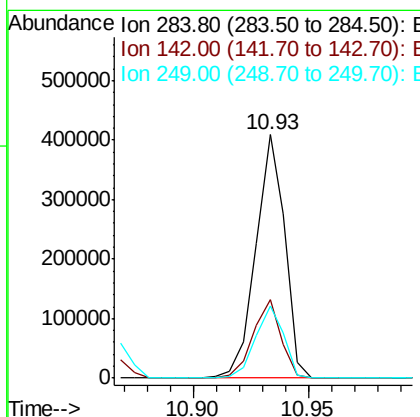
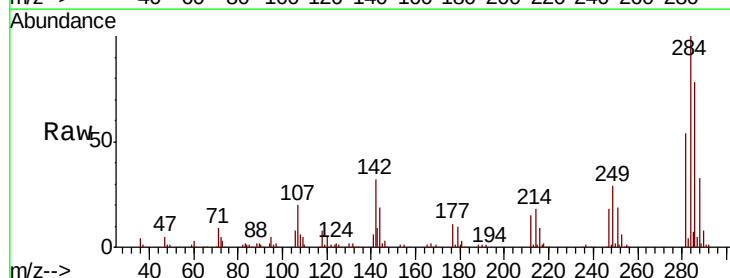
Instrument :
BNA_F
ClientSampleId :
ICVBF061020

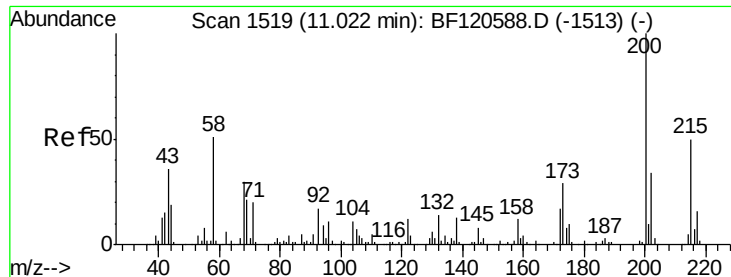
Tot Ion:248 Resp: 336792
Ion Ratio Lower Upper
248 100
250 96.4 76.7 115.1
141 63.5 49.4 74.0



#68
Hexachlorobenzene
Concen: 43.312 ng
RT: 10.93 min Scan# 1504
Delta R.T. 0.00 min
Lab File: BF120594.D
Acq: 10 Jun 2020 17:56

Tgt Ion:284 Resp: 357122
Ion Ratio Lower Upper
284 100
142 32.3 25.1 37.7
249 29.4 24.0 36.0

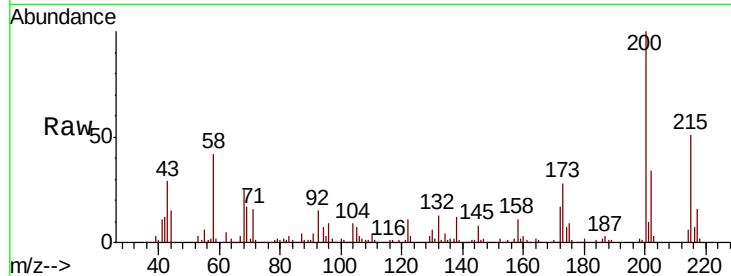




#69
 Atrazine
 Concen: 44.189 ng
 RT: 11.03 min Scan# 1520
 Delta R.T. 0.01 min
 Lab File: BF120594.D
 Acq: 10 Jun 2020 17:56

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF061020

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.8	9.1	49.1
215	50.9	29.8	69.8

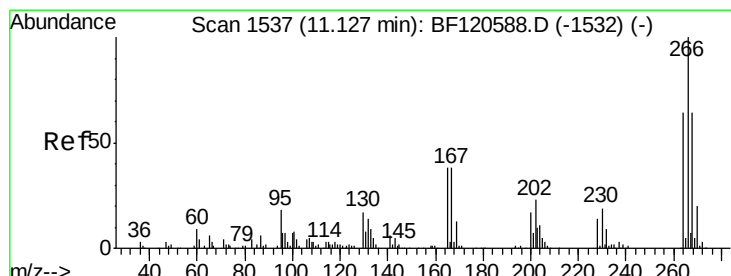
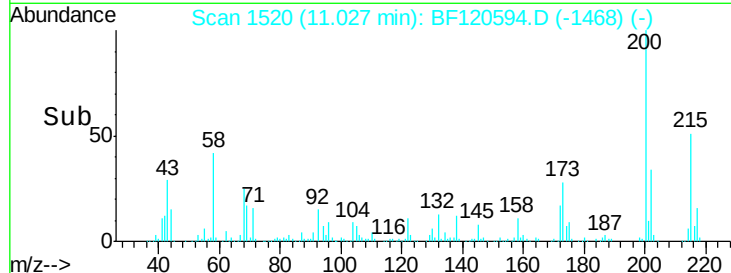
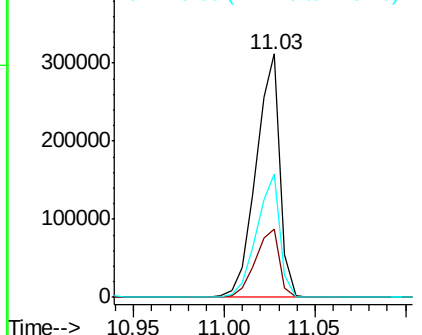


Abundance

Ion 200.00 (199.70 to 200.70): E

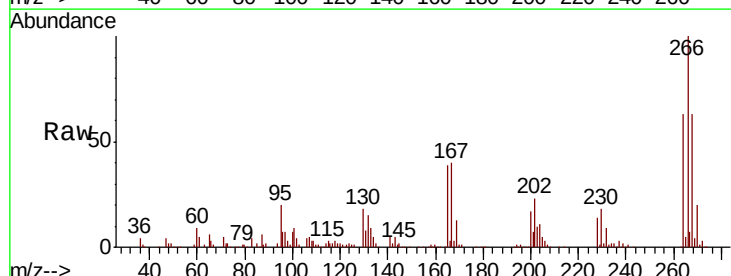
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 45.194 ng
 RT: 11.13 min Scan# 1537
 Delta R.T. 0.00 min
 Lab File: BF120594.D
 Acq: 10 Jun 2020 17:56

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.8	51.4	77.0
264	62.8	50.8	76.2

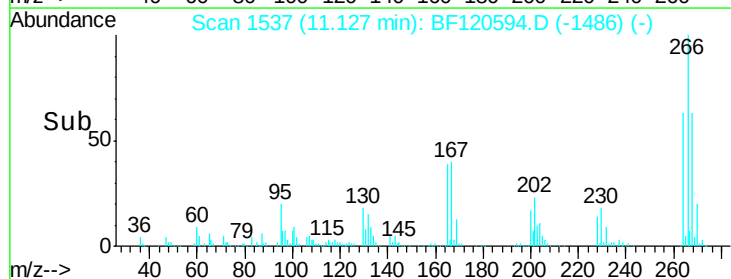
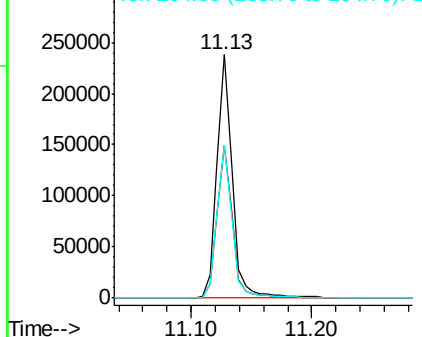


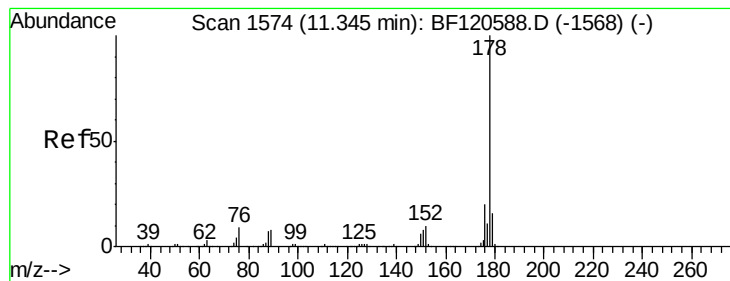
Abundance

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: 42.752 ng

RT: 11.35 min Scan# 1574

Delta R.T. 0.00 min

Lab File: BF120594.D

Acq: 10 Jun 2020 17:56

Instrument :

BNA_F

ClientSampleId :

ICVBF061020

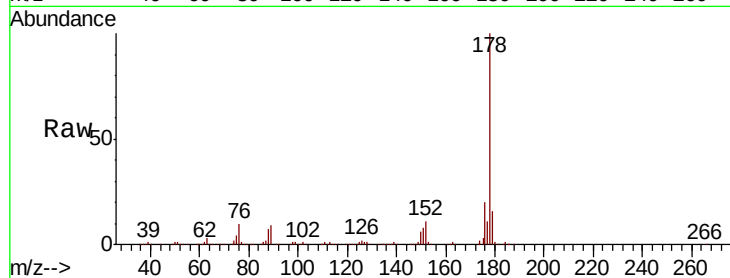
Tot Ion:178 Resp: 1436070

Ion Ratio Lower Upper

178 100

176 20.0 15.9 23.9

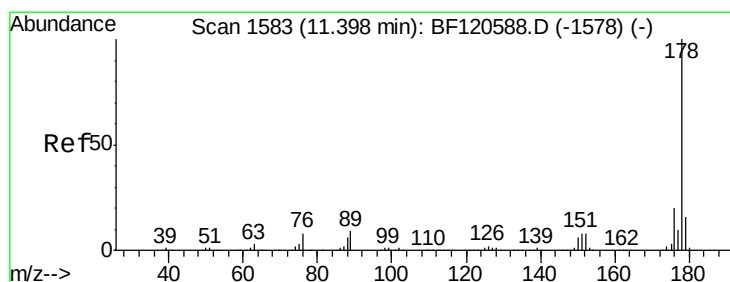
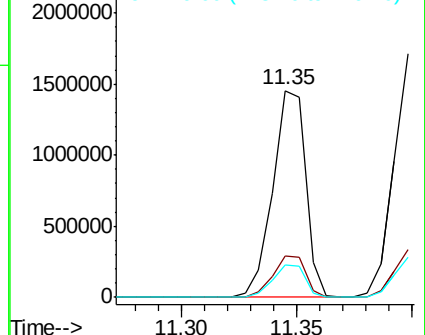
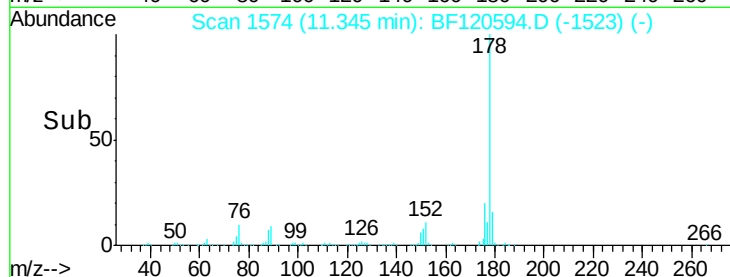
179 16.0 12.8 19.2



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



#72

Anthracene

Concen: 43.409 ng

RT: 11.40 min Scan# 1583

Delta R.T. 0.00 min

Lab File: BF120594.D

Acq: 10 Jun 2020 17:56

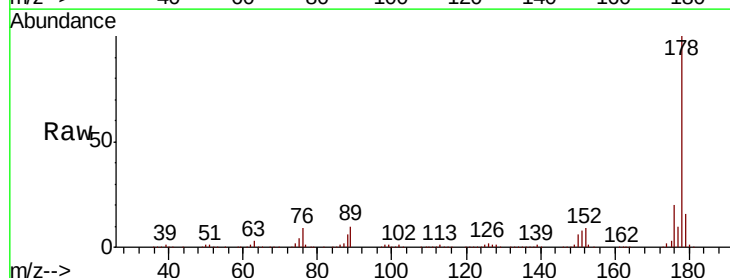
Tgt Ion:178 Resp: 1469767

Ion Ratio Lower Upper

178 100

176 19.5 15.6 23.4

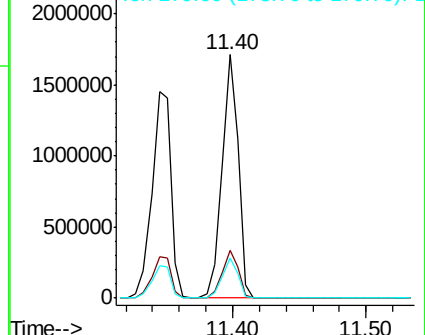
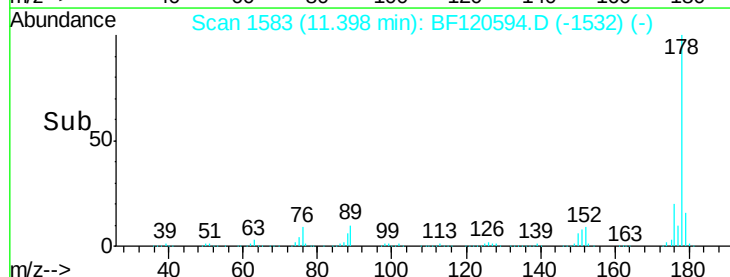
179 16.2 12.9 19.3

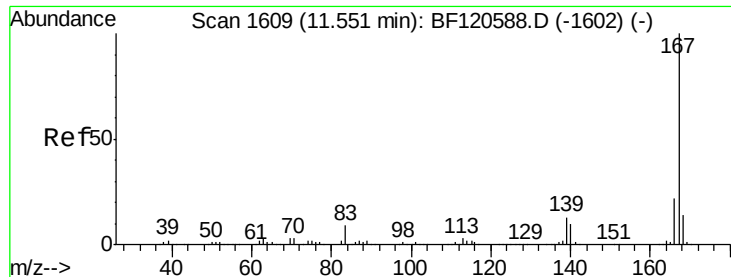


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 42.030 ng

RT: 11.55 min Scan# 1609

Delta R.T. 0.00 min

Lab File: BF120594.D

Acq: 10 Jun 2020 17:56

Instrument :

BNA_F

ClientSampleId :

ICVBF061020

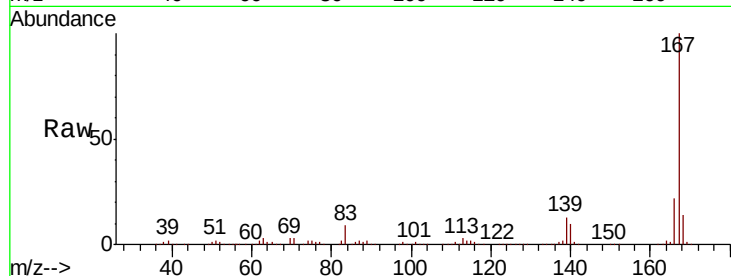
Tot Ion:167 Resp: 1408689

Ion Ratio Lower Upper

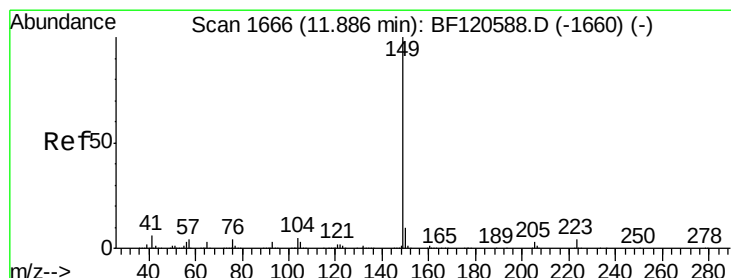
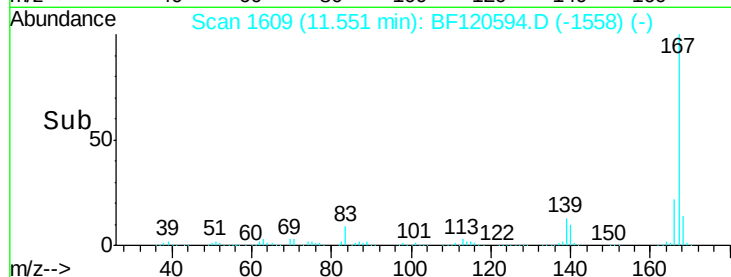
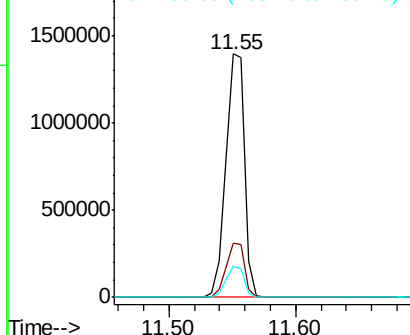
167 100

166 22.0 17.2 25.8

139 12.7 10.1 15.1



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: 45.351 ng

RT: 11.89 min Scan# 1666

Delta R.T. 0.00 min

Lab File: BF120594.D

Acq: 10 Jun 2020 17:56

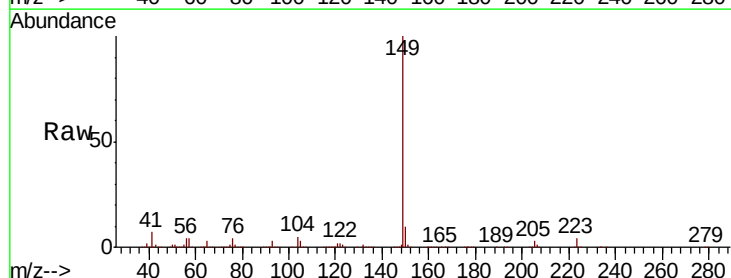
Tgt Ion:149 Resp: 1708846

Ion Ratio Lower Upper

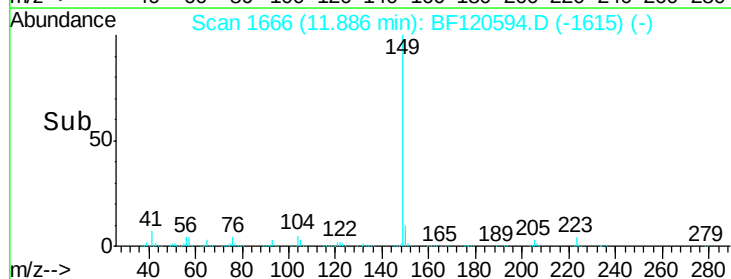
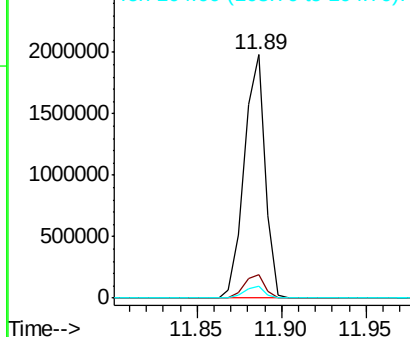
149 100

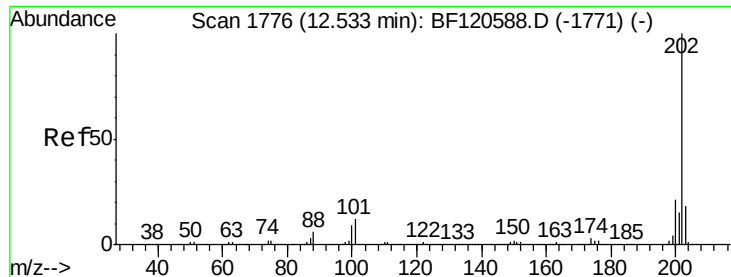
150 9.6 7.7 11.5

104 4.7 3.7 5.5



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



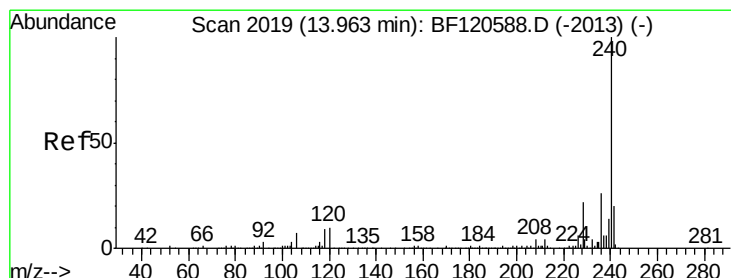
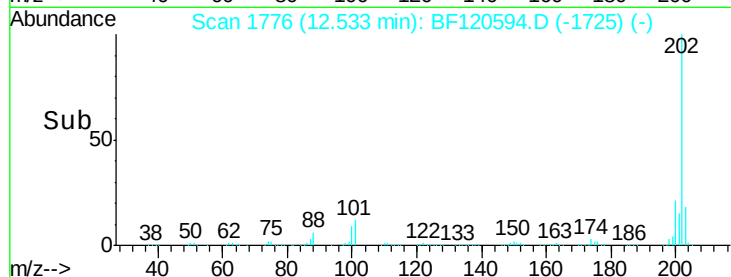
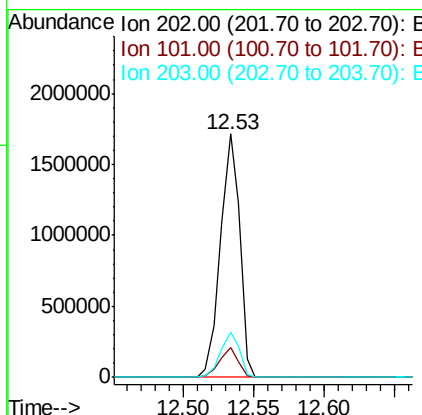
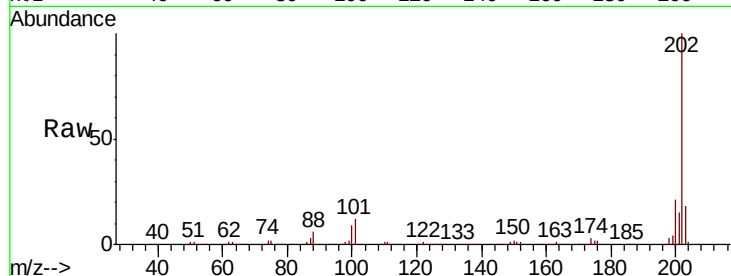


#75
 Fluoranthene
 Concen: 42.329 ng
 RT: 12.53 min Scan# 1776
 Delta R.T. 0.00 min
 Lab File: BF120594.D
 Acq: 10 Jun 2020 17:56

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF061020

Tot Ion:202 Resp: 1625630

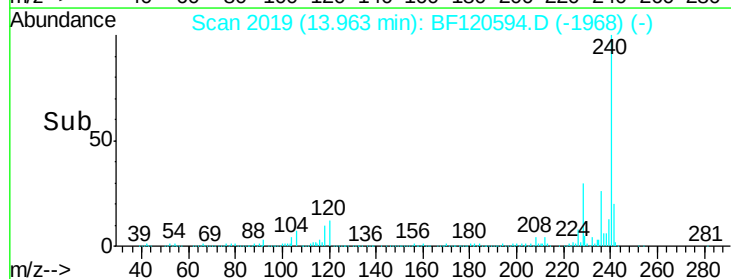
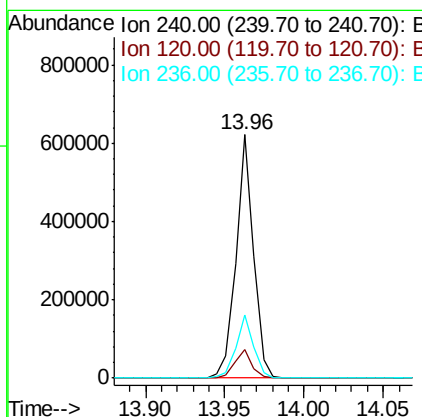
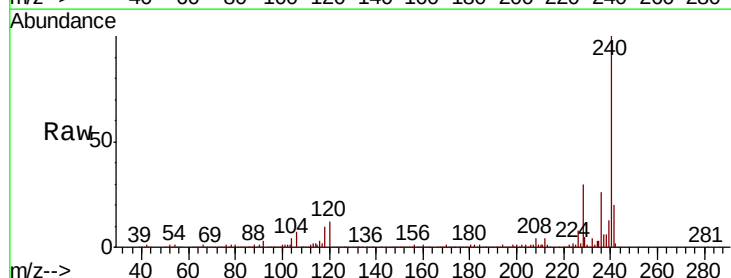
Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	32.0
203	18.5	0.0	38.3

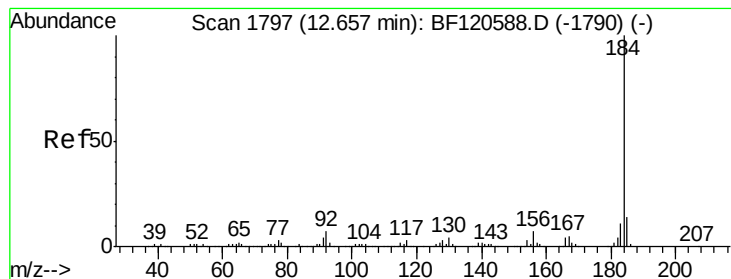


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. 0.00 min
 Lab File: BF120594.D
 Acq: 10 Jun 2020 17:56

Tgt Ion:240 Resp: 476737

Ion	Ratio	Lower	Upper
240	100		
120	11.5	8.3	12.5
236	26.0	21.0	31.4





#77

Benzidine

Concen: 40.150 ng

RT: 12.66 min Scan# 1797

Delta R.T. 0.00 min

Lab File: BF120594.D

Acq: 10 Jun 2020 17:56

Instrument :

BNA_F

ClientSampleId :

ICVBF061020

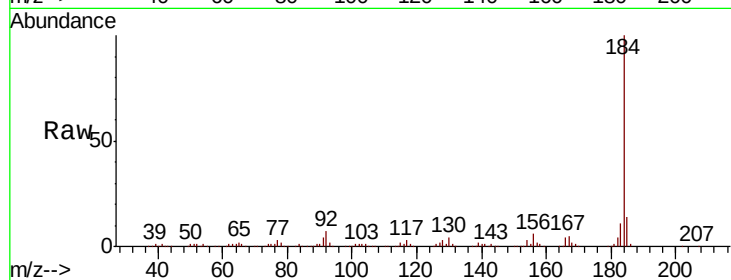
Tot Ion:184 Resp: 647331

Ion Ratio Lower Upper

184 100

185 14.1 11.4 17.0

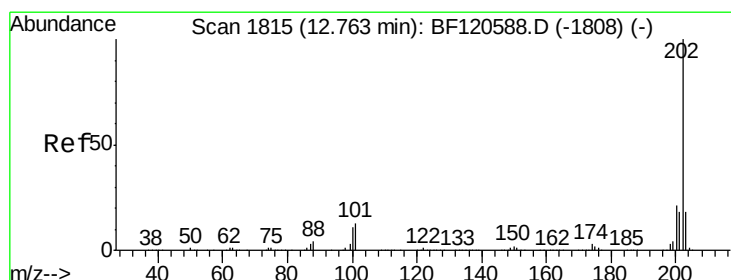
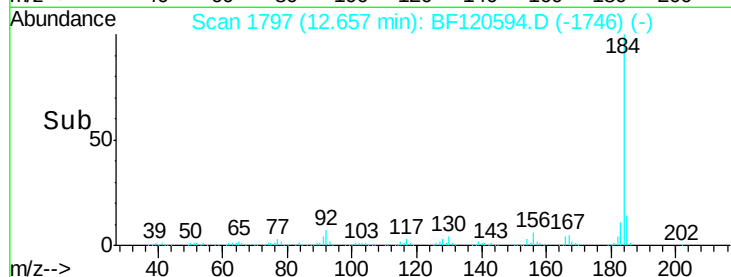
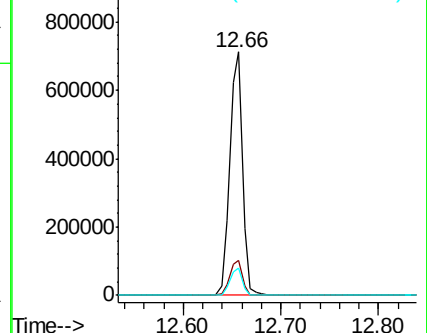
183 11.2 9.0 13.6



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: 43.045 ng

RT: 12.76 min Scan# 1815

Delta R.T. 0.00 min

Lab File: BF120594.D

Acq: 10 Jun 2020 17:56

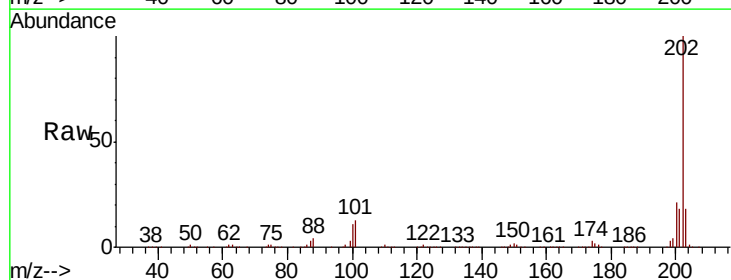
Tgt Ion:202 Resp: 1453749

Ion Ratio Lower Upper

202 100

200 21.0 16.8 25.2

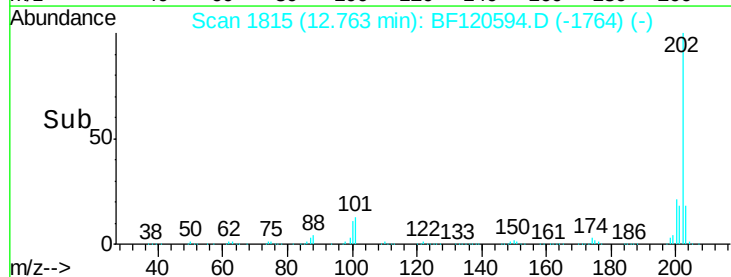
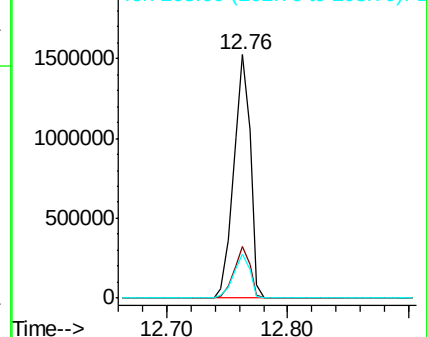
203 18.3 14.3 21.5

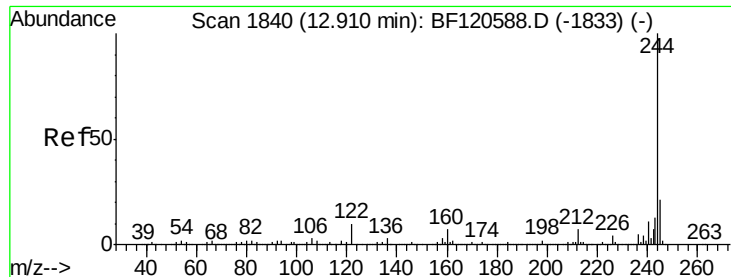


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 84.311 ng

RT: 12.91 min Scan# 1840

Delta R.T. 0.00 min

Lab File: BF120594.D

Acq: 10 Jun 2020 17:56

Instrument :

BNA_F

ClientSampleId :

ICVBF061020

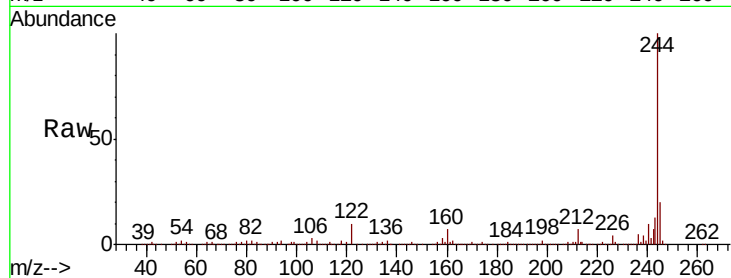
Tot Ion:244 Resp: 1819671

Ion Ratio Lower Upper

244 100

212 6.9 5.7 8.5

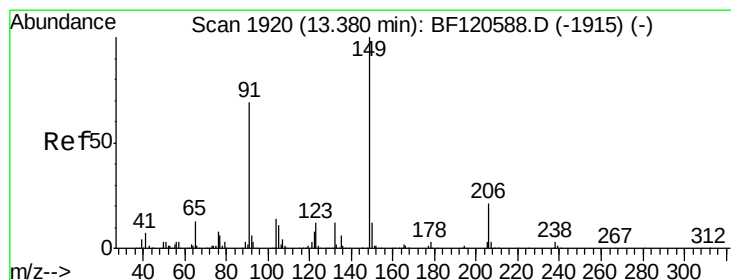
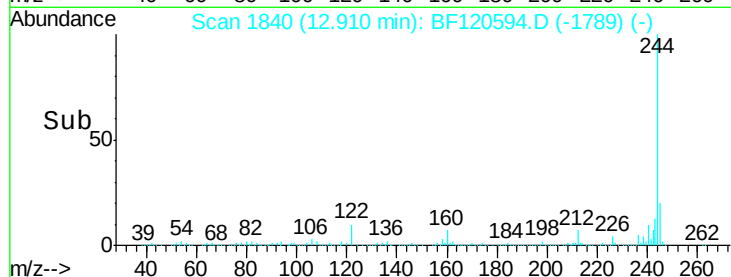
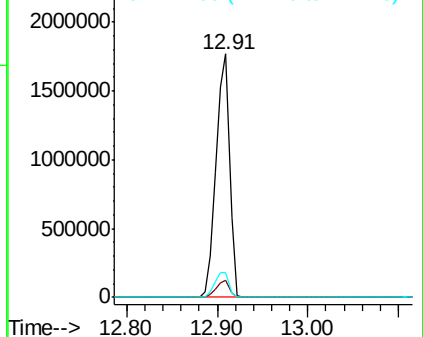
122 10.3 8.3 12.5



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: 44.116 ng

RT: 13.38 min Scan# 1920

Delta R.T. 0.00 min

Lab File: BF120594.D

Acq: 10 Jun 2020 17:56

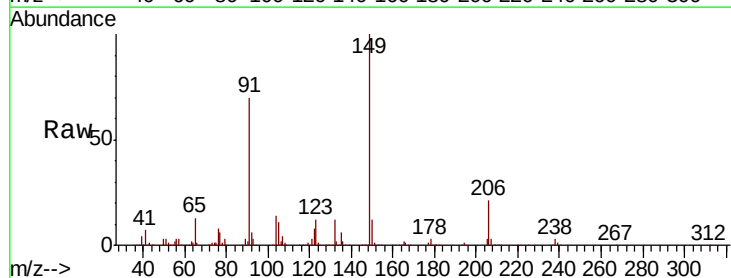
Tgt Ion:149 Resp: 661578

Ion Ratio Lower Upper

149 100

91 70.0 55.4 83.0

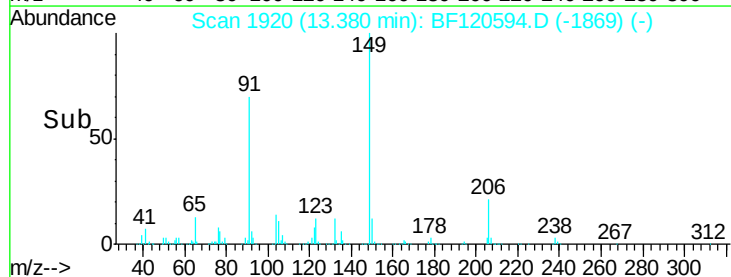
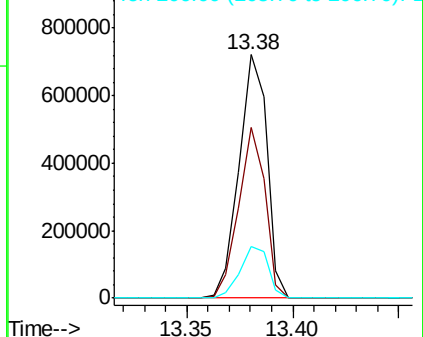
206 21.1 17.0 25.4

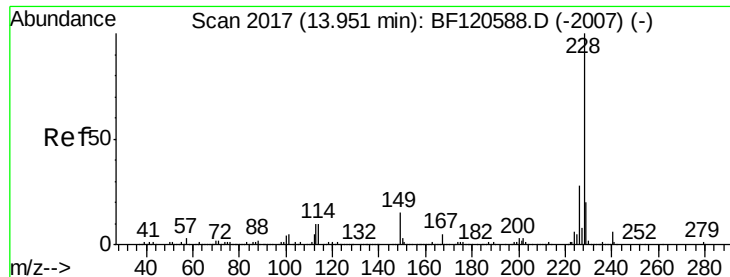


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 42.955 ng

RT: 13.95 min Scan# 2017

Delta R.T. 0.00 min

Lab File: BF120594.D

Acq: 10 Jun 2020 17:56

Instrument :

BNA_F

ClientSampleId :

ICVBF061020

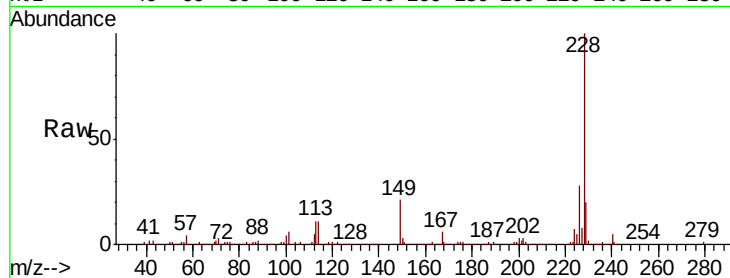
Tot Ion:228 Resp: 1230324

Ion Ratio Lower Upper

228 100

226 28.3 22.5 33.7

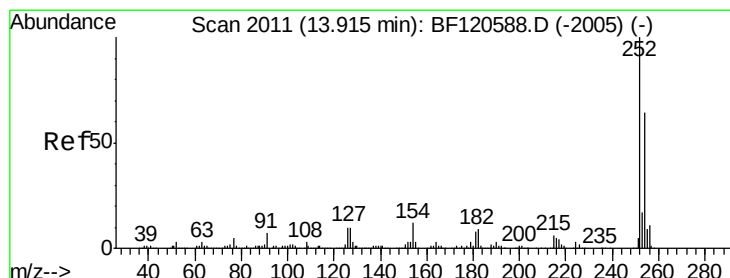
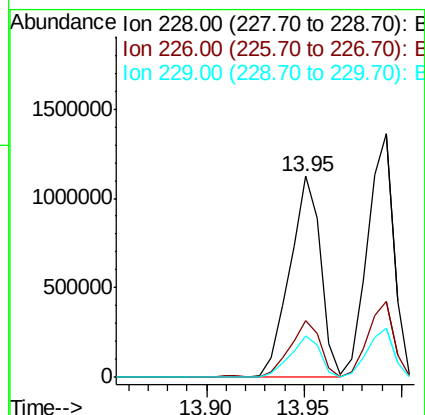
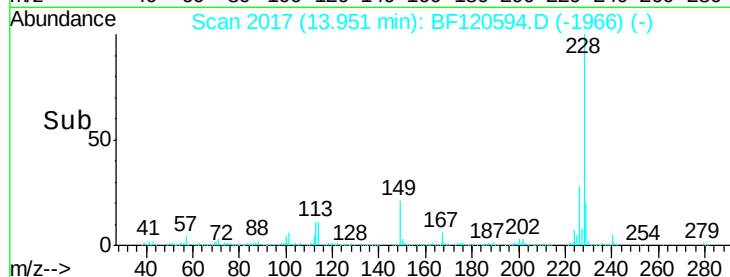
229 20.4 16.1 24.1



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



#82

3,3'-Dichlorobenzidine

Concen: 43.772 ng

RT: 13.92 min Scan# 2011

Delta R.T. 0.00 min

Lab File: BF120594.D

Acq: 10 Jun 2020 17:56

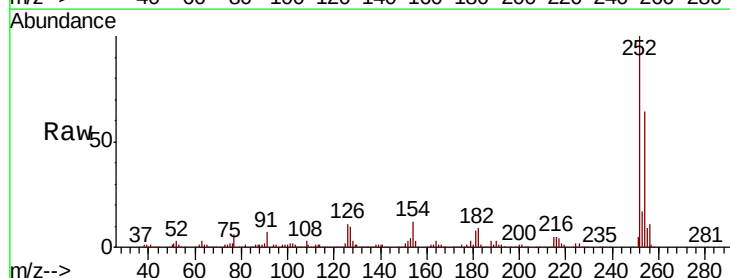
Tgt Ion:252 Resp: 478880

Ion Ratio Lower Upper

252 100

254 63.9 51.4 77.2

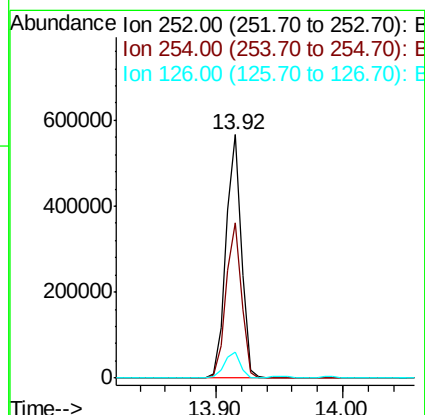
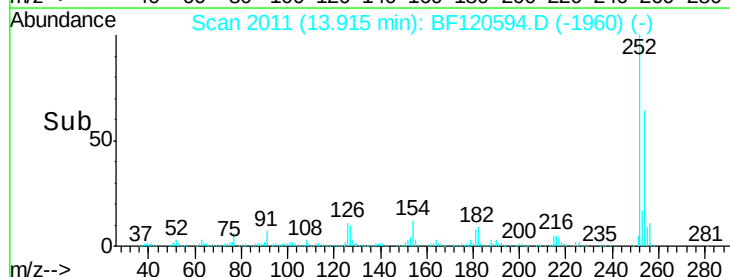
126 10.6 7.9 11.9

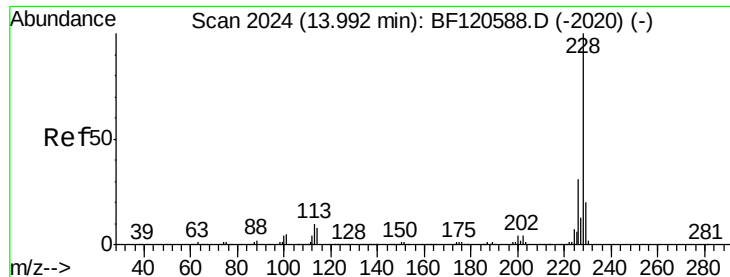


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 43.163 ng

RT: 13.99 min Scan# 2024

Delta R.T. 0.00 min

Lab File: BF120594.D

Acq: 10 Jun 2020 17:56

Instrument :

BNA_F

ClientSampleId :

ICVBF061020

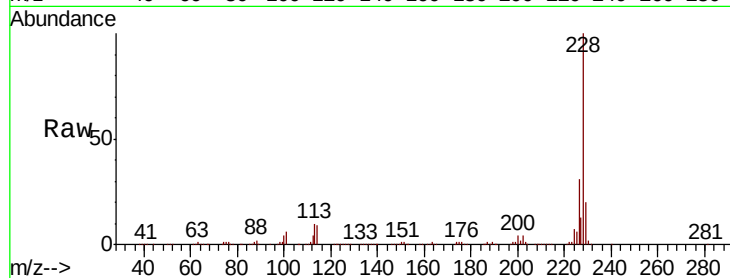
Tot Ion:228 Resp: 1268099

Ion Ratio Lower Upper

228 100

226 31.2 24.9 37.3

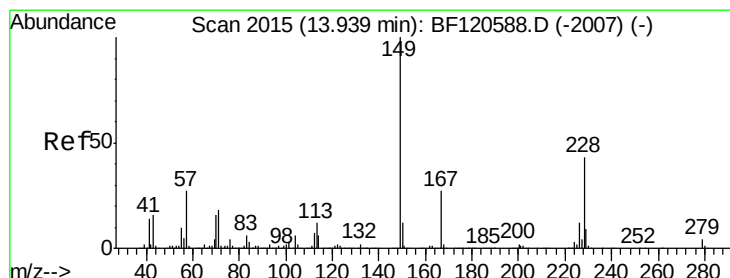
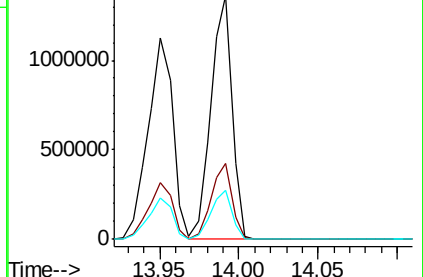
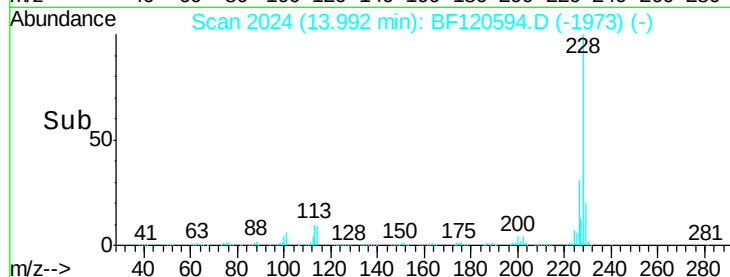
229 19.9 16.1 24.1



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: 45.765 ng

RT: 13.94 min Scan# 2016

Delta R.T. 0.01 min

Lab File: BF120594.D

Acq: 10 Jun 2020 17:56

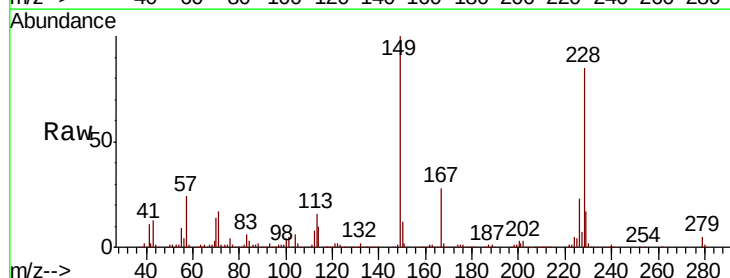
Tgt Ion:149 Resp: 837593

Ion Ratio Lower Upper

149 100

167 28.2 22.0 33.0

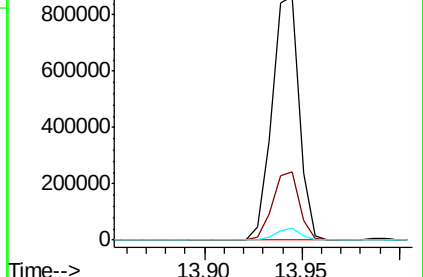
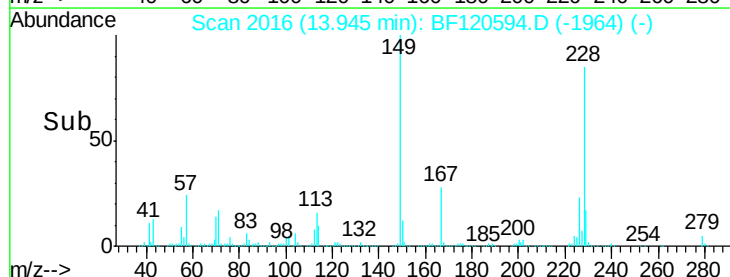
279 4.9 3.0 4.6#

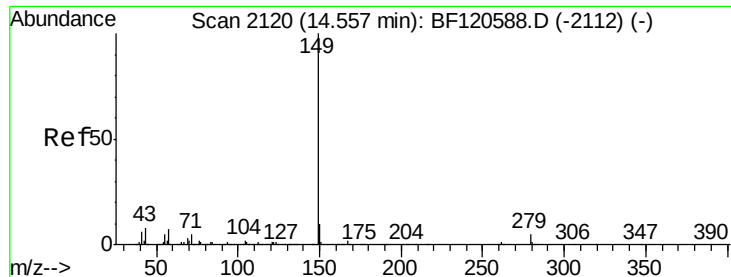


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 44.271 ng

RT: 14.56 min Scan# 2120

Delta R.T. 0.00 min

Lab File: BF120594.D

Acq: 10 Jun 2020 17:56

Instrument :

BNA_F

ClientSampleId :

ICVBF061020

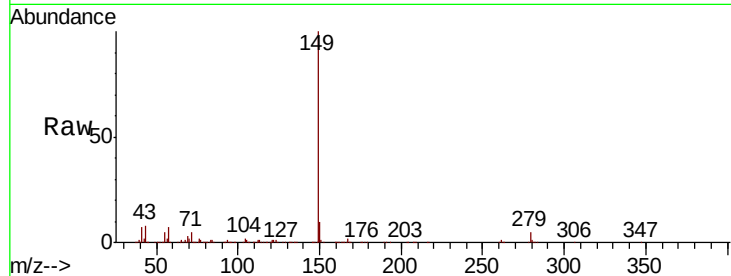
Tot Ion:149 Resp: 1546349

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

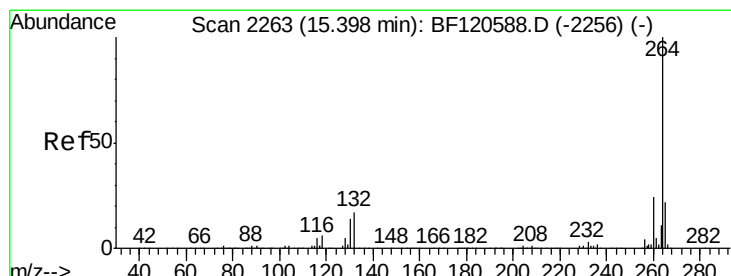
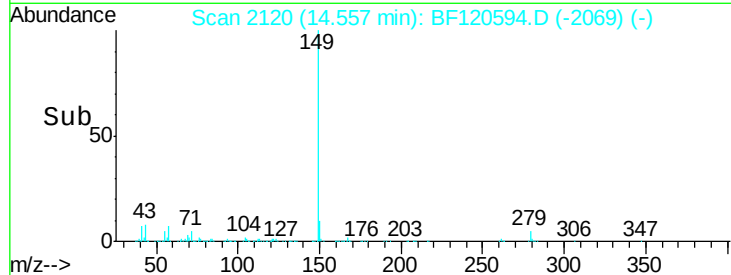
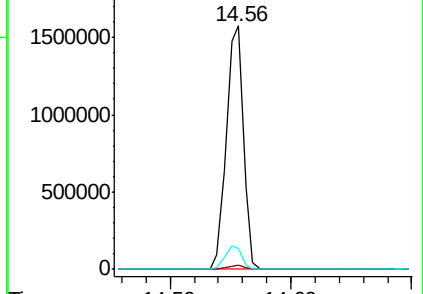
43 9.3 7.6 11.4



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: 15.40 min Scan# 2263

Delta R.T. 0.00 min

Lab File: BF120594.D

Acq: 10 Jun 2020 17:56

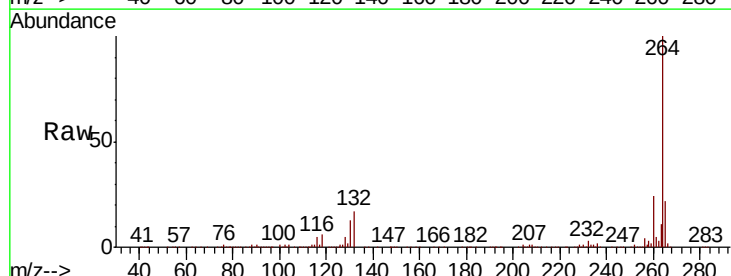
Tgt Ion:264 Resp: 525198

Ion Ratio Lower Upper

264 100

260 23.8 19.3 28.9

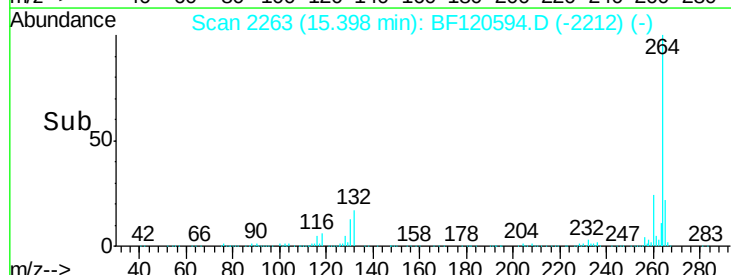
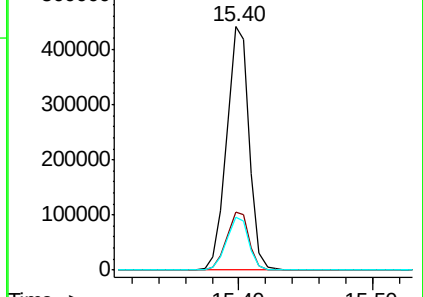
265 21.7 17.8 26.8

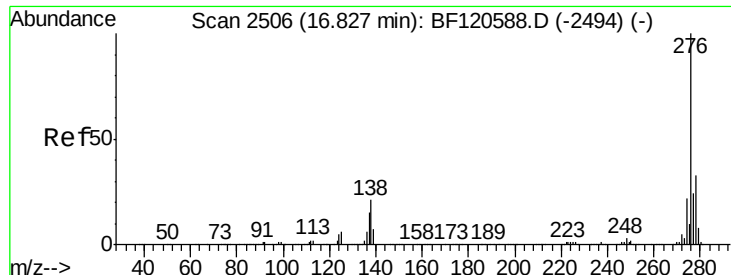


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



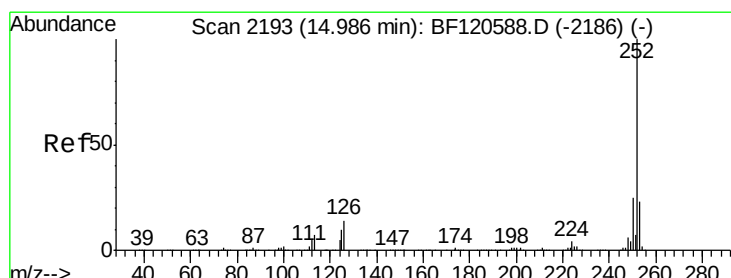
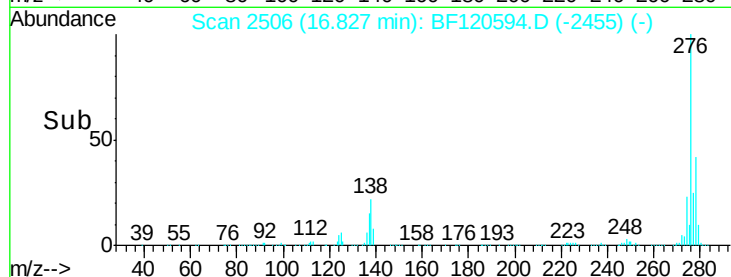
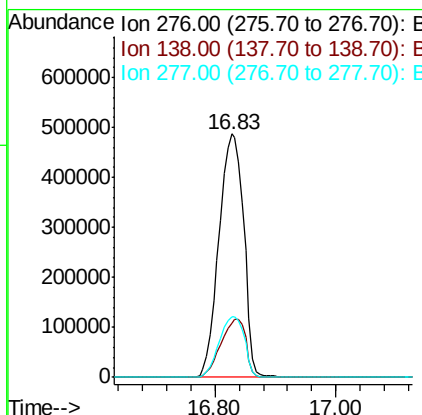
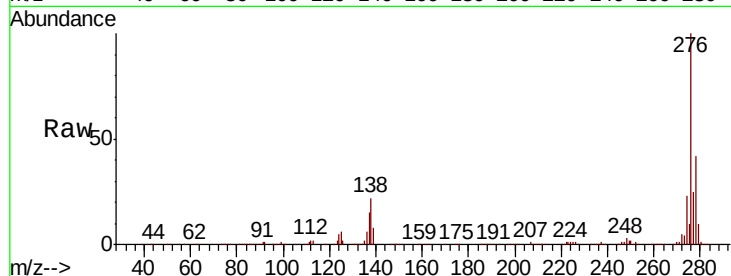


#87
 Indeno(1,2,3-cd)pyrene
 Concen: 43.315 ng
 RT: 16.83 min Scan# 2506
 Delta R.T. 0.00 min
 Lab File: BF120594.D
 Acq: 10 Jun 2020 17:56

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF061020

Tot Ion:276 Resp: 1383777

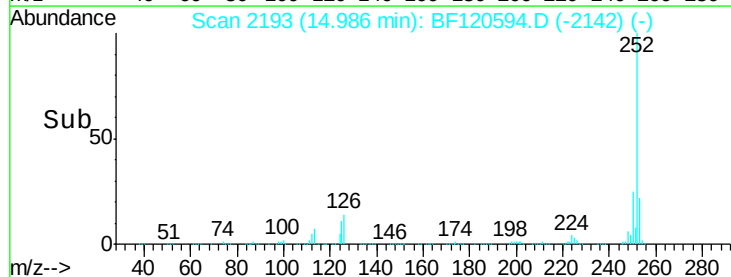
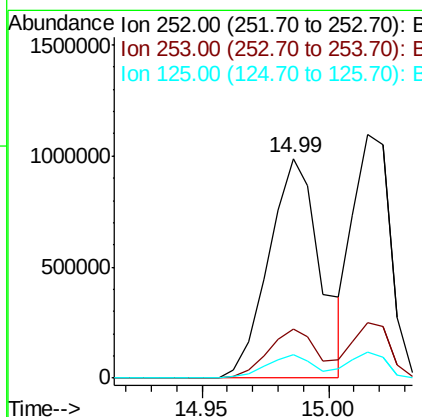
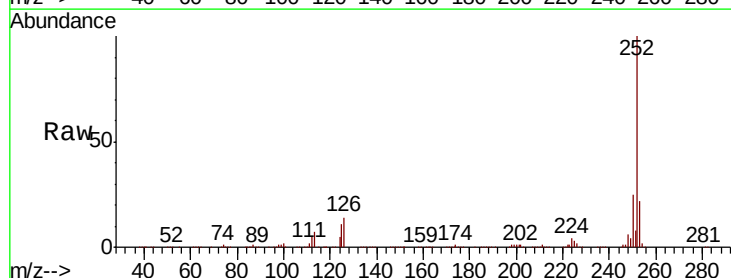
Ion	Ratio	Lower	Upper
276	100		
138	24.2	18.9	28.3
277	25.5	20.2	30.2

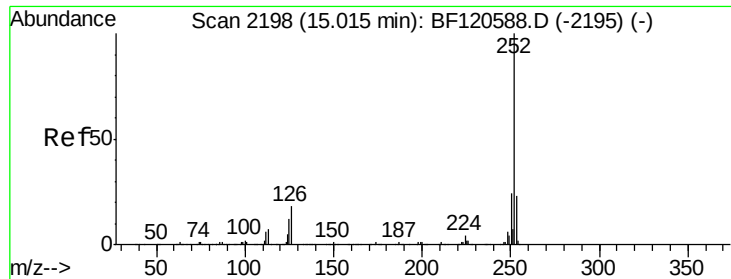


#88
 Benzo(b)fluoranthene
 Concen: 45.094 ng
 RT: 14.99 min Scan# 2193
 Delta R.T. 0.00 min
 Lab File: BF120594.D
 Acq: 10 Jun 2020 17:56

Tgt Ion:252 Resp: 1410759

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.1	27.1
125	10.6	8.3	12.5

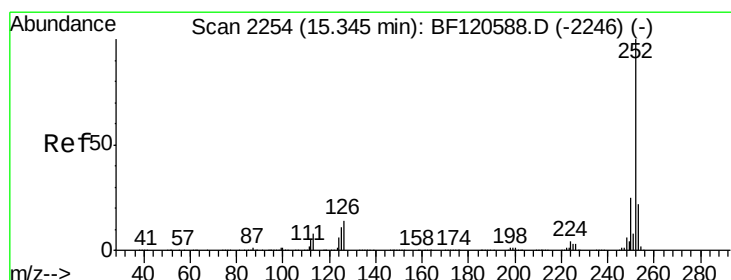
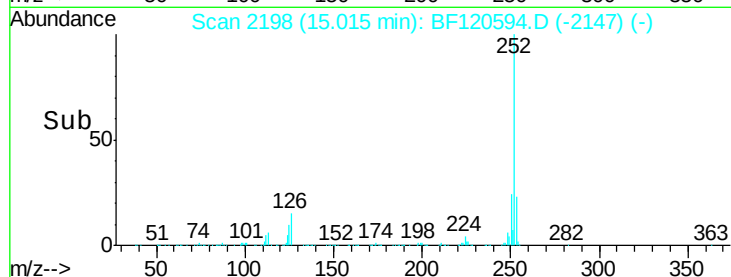
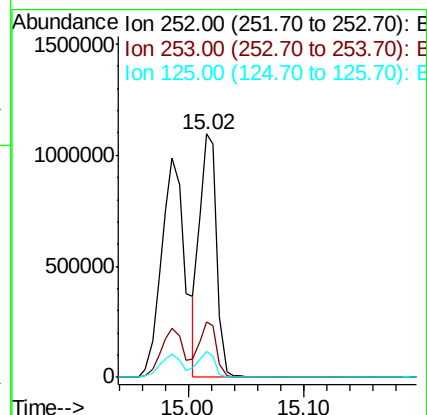
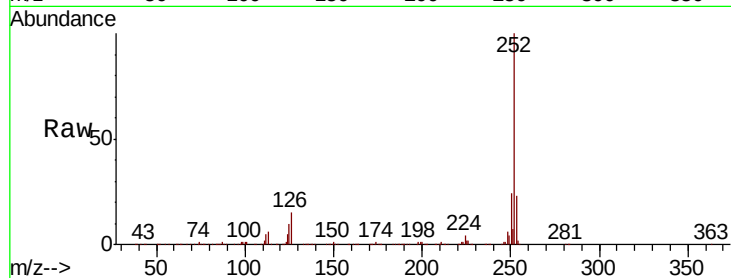




#89
Benzo(k)fluoranthene
Concen: 40.896 ng
RT: 15.02 min Scan# 2198
Delta R.T. 0.00 min
Lab File: BF120594.D
Acq: 10 Jun 2020 17:56

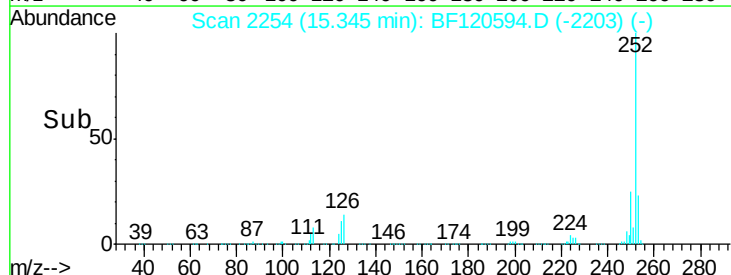
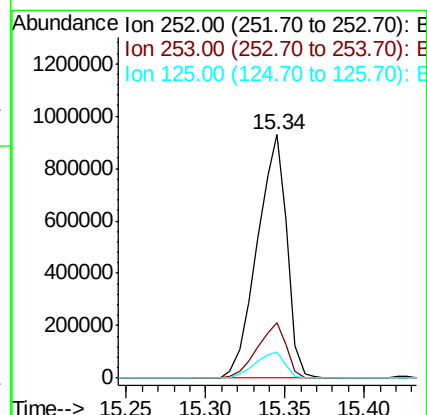
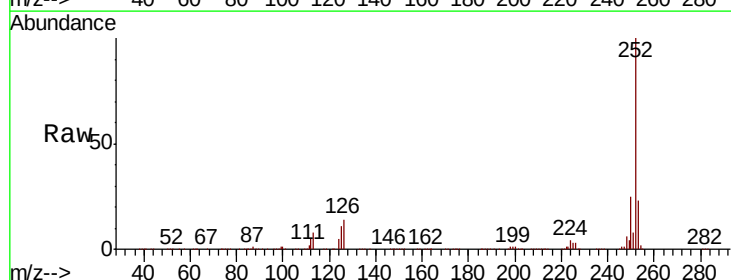
Instrument :
BNA_F
ClientSampleId :
ICVBF061020

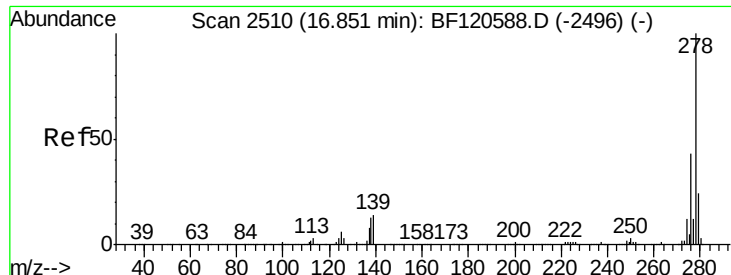
Tot Ion:252 Resp: 1132133
Ion Ratio Lower Upper
252 100
253 22.8 18.0 27.0
125 10.5 8.3 12.5



#90
Benzo(a)pyrene
Concen: 43.197 ng
RT: 15.34 min Scan# 2254
Delta R.T. 0.00 min
Lab File: BF120594.D
Acq: 10 Jun 2020 17:56

Tgt Ion:252 Resp: 1209451
Ion Ratio Lower Upper
252 100
253 22.7 17.8 26.8
125 10.7 8.6 12.8



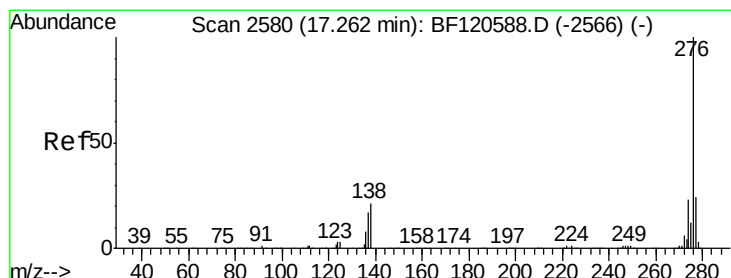
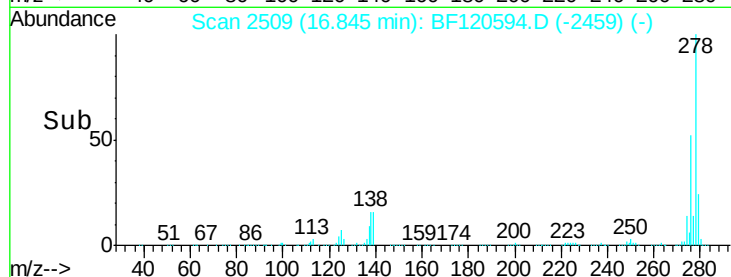
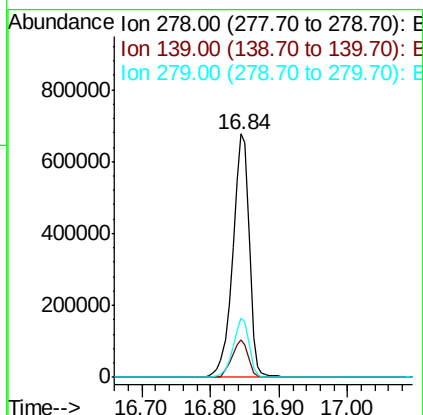
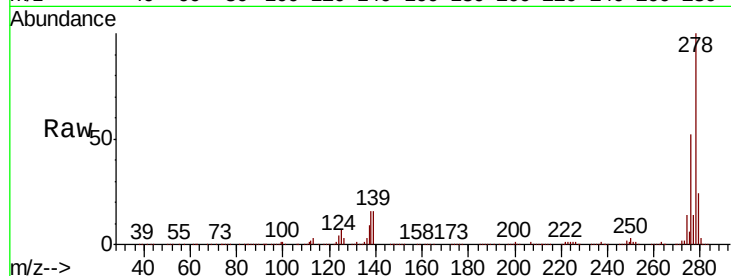


#91
Dibenzo(a,h)anthracene
Concen: 43.797 ng
RT: 16.84 min Scan# 2509
Delta R.T. -0.01 min
Lab File: BF120594.D
Acq: 10 Jun 2020 17:56

Instrument :
BNA_F
ClientSampleId :
ICVBF061020

Tot Ion:278 Resp: 1122003

Ion	Ratio	Lower	Upper
278	100		
139	15.6	11.4	17.2
279	24.2	19.1	28.7



#92
Benzo(g,h,i)perylene
Concen: 43.033 ng
RT: 17.26 min Scan# 2580
Delta R.T. 0.00 min
Lab File: BF120594.D
Acq: 10 Jun 2020 17:56

Tgt Ion:276 Resp: 1111217

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.6	29.4
138	20.3	16.5	24.7

