

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061520\
 Data File : BF120623.D
 Acq On : 15 Jun 2020 16:35
 Operator : JU/CG
 Sample : L2182-07
 Misc : MDL-MDL-WTR-5PPM
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 15 17:17:22 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 11 11:28:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	162790	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	594739	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	312661	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	600798	20.00	ng	0.00
76) Chrysene-d12	13.95	240	488541	20.00	ng	-0.01
86) Perylene-d12	15.39	264	555860	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.41	112	1290500	135.91	ng	0.00
7) Phenol-d6	6.43	99	1634434	138.20	ng	0.00
23) Nitrobenzene-d5	7.36	82	1035920	97.36	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	507648	139.65	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1873388	91.67	ng	0.00
79) Terphenyl-d14	12.90	244	2138550	96.69	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.48	88	21503	4.778	ng	97
3) Pyridine	3.30	79	39292	3.106	ng	94
4) n-Nitrosodimethylamine	3.15	42	21888	4.169	ng	97
6) Aniline	6.46	93	76855	5.078	ng	99
8) 2-Chlorophenol	6.58	128	53290	4.967	ng	94
9) Benzaldehyde	6.35	77	43201	5.775	ng	97
10) Phenol	6.45	94	64592	5.119	ng	92
11) bis(2-Chloroethyl)ether	6.53	93	50535	4.808	ng	98
12) 1,3-Dichlorobenzene	6.74	146	57665	5.055	ng	99
13) 1,4-Dichlorobenzene	6.82	146	57683	5.125	ng	100
14) 1,2-Dichlorobenzene	6.97	146	54076	4.932	ng	99
15) Benzyl Alcohol	6.93	79	53228	6.347	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.07	45	74973	4.954	ng	99
17) 2-Methylphenol	7.05	107	41865	4.575	ng	97
18) Hexachloroethane	7.31	117	21349	5.148	ng	94
19) n-Nitroso-di-n-propylamine	7.20	70	35543	5.181	ng	97
20) 3+4-Methylphenols	7.20	107	52299	4.573	ng	# 72
22) Acetophenone	7.20	105	77132	5.801	ng	95
24) Nitrobenzene	7.37	77	57764	5.188	ng	92
25) Isophorone	7.61	82	98733	4.764	ng	93
26) 2-Nitrophenol	7.69	139	24411	4.144	ng	98
27) 2,4-Dimethylphenol	7.73	122	25943	2.991	ng	99
28) bis(2-Chloroethoxy)methane	7.83	93	63322	5.271	ng	100
29) 2,4-Dichlorophenol	7.93	162	41272	4.681	ng	95
30) 1,2,4-Trichlorobenzene	8.02	180	49237	5.040	ng	100
31) Naphthalene	8.10	128	160900	5.510	ng	99
32) Benzoic acid	7.79	122	9570	1.438	ng	98
33) 4-Chloroaniline	8.15	127	64400	4.804	ng	98
34) Hexachlorobutadiene	8.22	225	28551	5.013	ng	99
35) Caprolactam	8.47	113	13339	4.731	ng	# 83
36) 4-Chloro-3-methylphenol	8.62	107	42676	4.845	ng	92
37) 2-Methylnaphthalene	8.79	142	106459	5.584	ng	99
38) 1-Methylnaphthalene	8.89	142	100709	5.614	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	52119	5.583	ng	97

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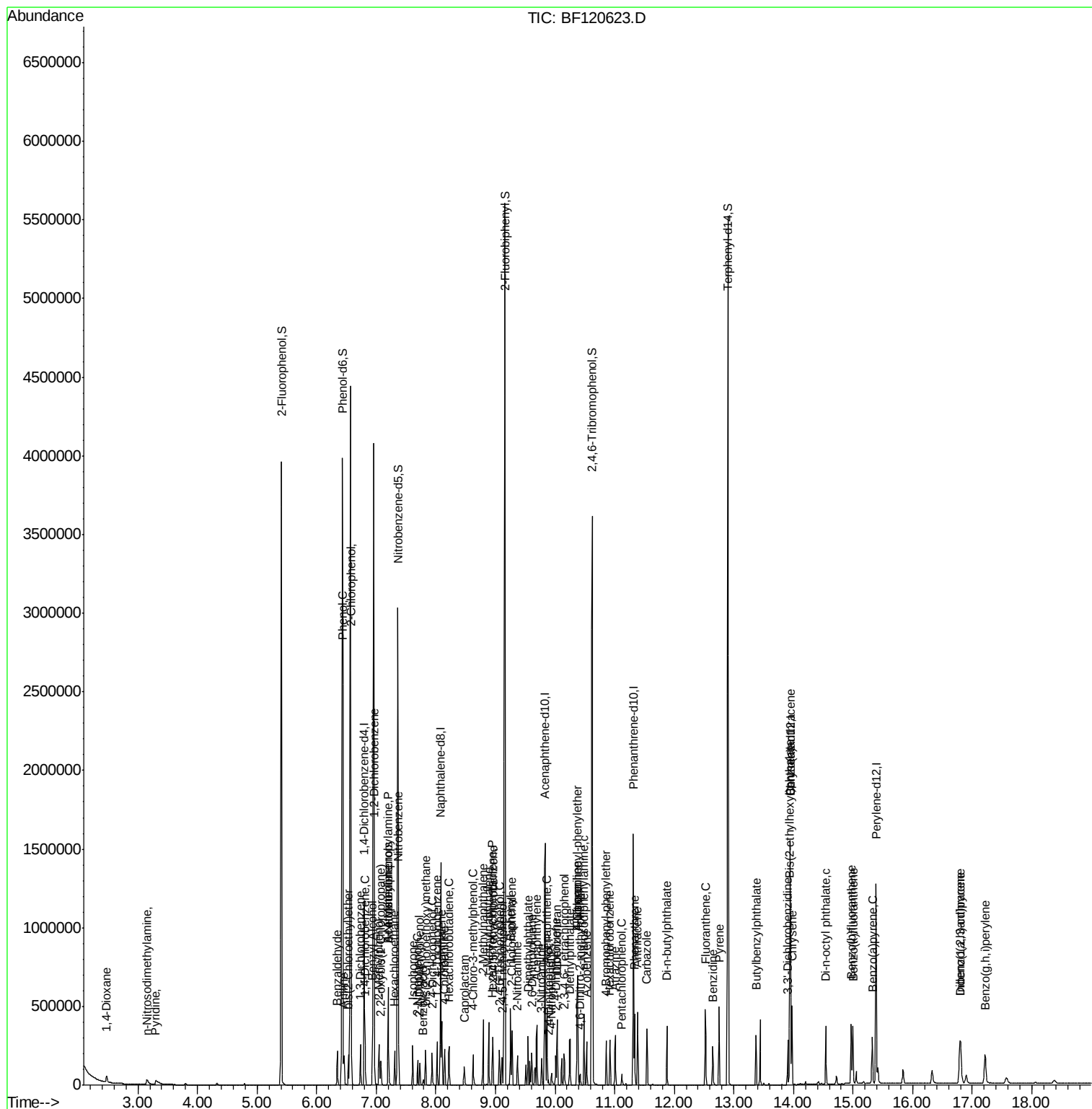
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	15907	3.041	ng	94
43) 2,4,6-Trichlorophenol	9.07	196	28364	4.283	ng	95
44) 2,4,5-Trichlorophenol	9.11	196	31047	4.132	ng	97
46) 1,1'-Biphenyl	9.25	154	137937	5.908	ng	98
47) 2-Chloronaphthalene	9.28	162	101187	5.300	ng	96
48) 2-Nitroaniline	9.37	65	26117	4.356	ng	91
49) Acenaphthylene	9.69	152	159010	5.397	ng	97
50) Dimethylphthalate	9.55	163	113512	5.041	ng	100
51) 2,6-Dinitrotoluene	9.61	165	23155	4.537	ng	97
52) Acenaphthene	9.86	154	95246	5.420	ng	98
53) 3-Nitroaniline	9.77	138	25423	4.148	ng	96
54) 2,4-Dinitrophenol	9.89	184	4876	1.782	ng	# 78
55) Dibenzofuran	10.03	168	147155	5.461	ng	99
56) 4-Nitrophenol	9.94	139	16156	3.500	ng	96
57) 2,4-Dinitrotoluene	10.01	165	28879	4.265	ng	# 81
58) Fluorene	10.37	166	112752	5.428	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.15	232	26619	4.503	ng	97
60) Diethylphthalate	10.25	149	112301	5.064	ng	98
61) 4-Chlorophenyl-phenylether	10.37	204	55452	5.170	ng	97
62) 4-Nitroaniline	10.38	138	25085	4.122	ng	96
63) Azobenzene	10.53	77	106302	5.280	ng	95
65) 4,6-Dinitro-2-methylphenol	10.42	198	10346	2.870	ng	96
66) n-Nitrosodiphenylamine	10.49	169	97141	5.265	ng	98
67) 4-Bromophenyl-phenylether	10.86	248	33461	4.907	ng	# 92
68) Hexachlorobenzene	10.92	284	38384	5.236	ng	96
69) Atrazine	11.01	200	31803	5.570	ng	99
70) Pentachlorophenol	11.12	266	11260	2.763	ng	92
71) Phenanthrene	11.33	178	165439	5.539	ng	98
72) Anthracene	11.39	178	167851	5.576	ng	97
73) Carbazole	11.55	167	151794	5.094	ng	99
74) Di-n-butylphthalate	11.87	149	175415	5.236	ng	99
75) Fluoranthene	12.52	202	180446	5.285	ng	97
77) Benzidine	12.65	184	84977	5.143	ng	# 94
78) Pyrene	12.75	202	187235	5.410	ng	97
80) Butylbenzylphthalate	13.37	149	71632	4.661	ng	94
81) Benzo(a)anthracene	13.94	228	170145	5.797	ng	98
82) 3,3'-Dichlorobenzidine	13.90	252	63431	5.658	ng	99
83) Chrysene	13.97	228	168676	5.603	ng	97
84) Bis(2-ethylhexyl)phthalate	13.93	149	103951	5.542	ng	99
85) Di-n-octyl phthalate	14.54	149	172766	4.827	ng	98
87) Indeno(1,2,3-cd)pyrene	16.79	276	178781	5.288	ng	99
88) Benzo(b)fluoranthene	14.97	252	157196	4.747	ng	99
89) Benzo(k)fluoranthene	15.00	252	165500	5.649	ng	99
90) Benzo(a)pyrene	15.32	252	141602	4.778	ng	100
91) Dibenzo(a,h)anthracene	16.80	278	151297	5.580	ng	96
92) Benzo(g,h,i)perylene	17.22	276	152638	5.585	ng	97

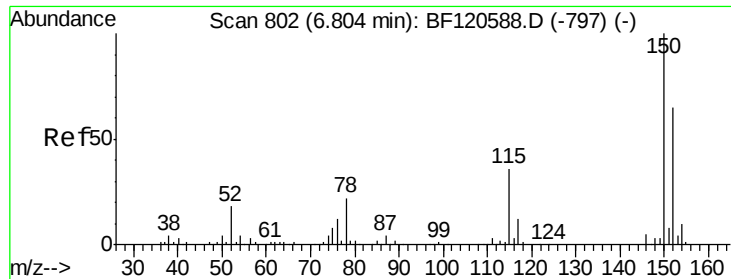
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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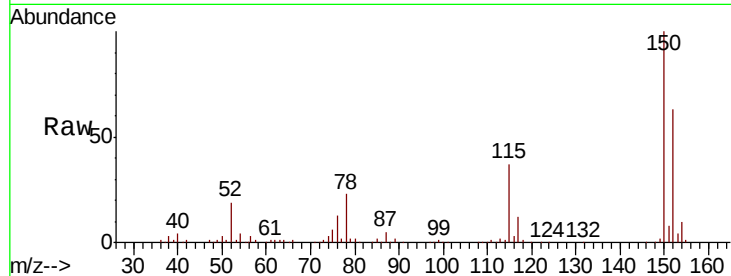


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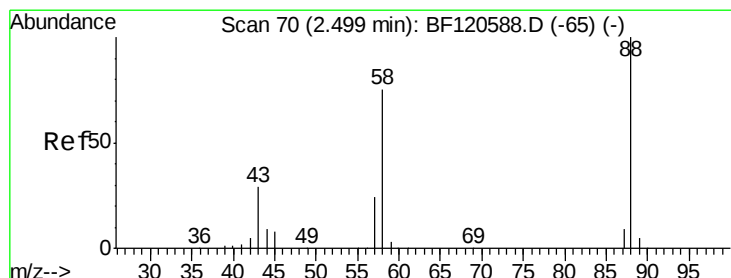
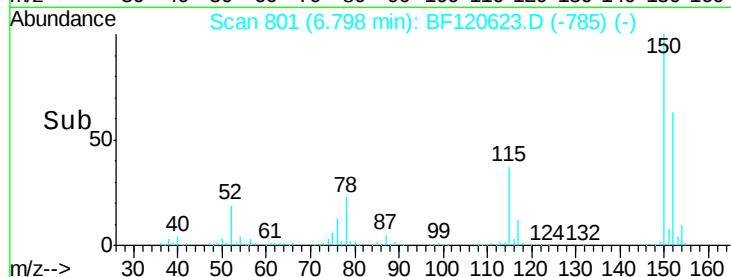
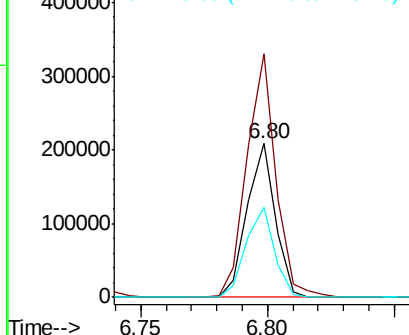
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.01 min
Lab File: BF120623.D
Acq: 15 Jun 2020 16:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 162790
Ion Ratio Lower Upper
152 100
150 158.2 123.2 184.8
115 58.2 43.9 65.9



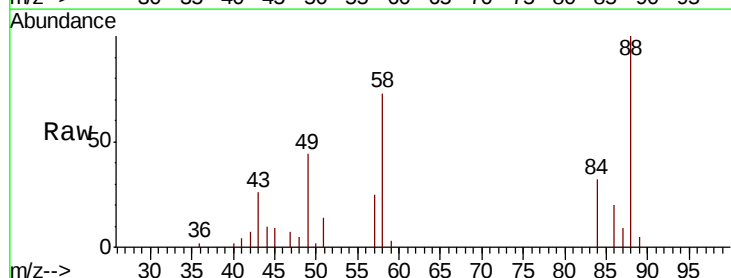
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



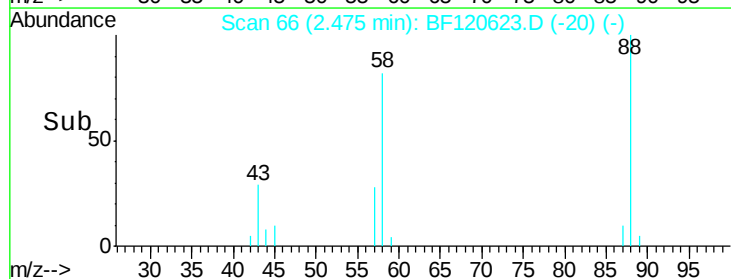
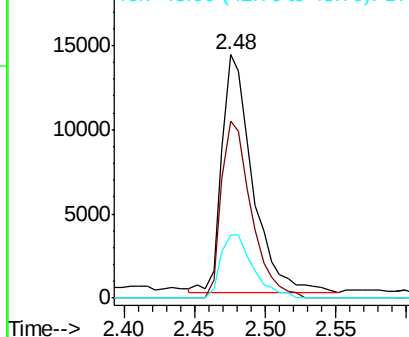
#2

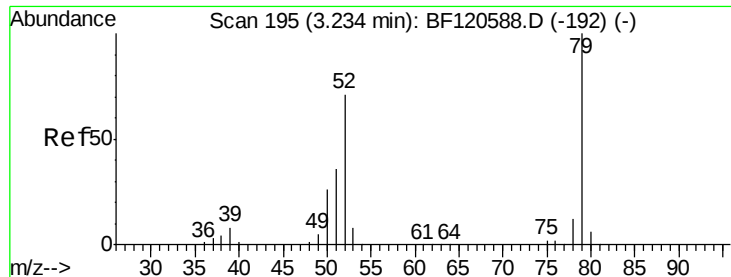
1,4-Dioxane
Concen: 4.778 ng
RT: 2.48 min Scan# 66
Delta R.T. -0.03 min
Lab File: BF120623.D
Acq: 15 Jun 2020 16:35

Tgt Ion: 88 Resp: 21503
Ion Ratio Lower Upper
88 100
58 72.0 59.6 89.4
43 27.9 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

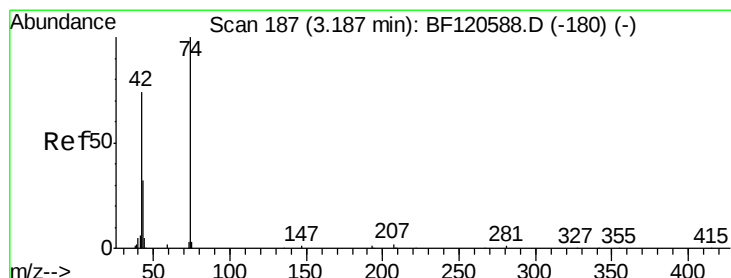
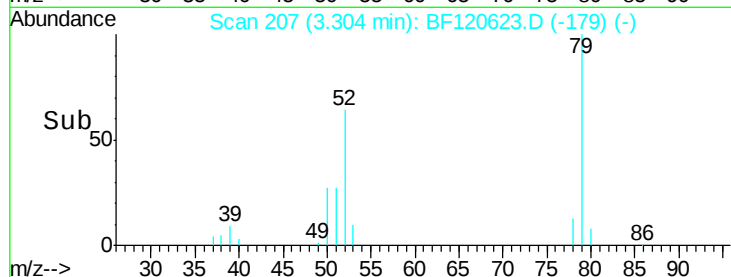
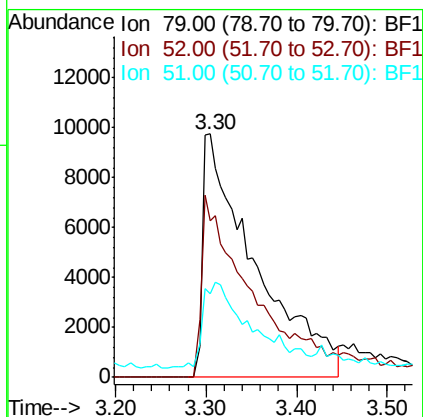
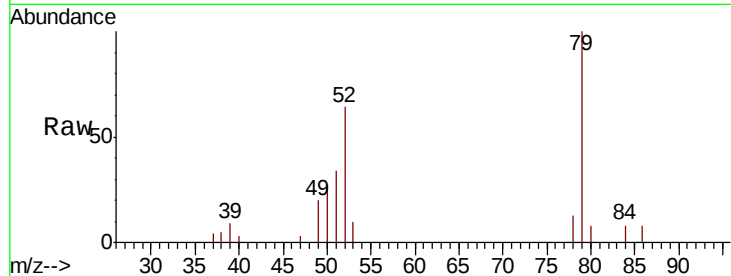




#3
 Pvridine
 Concen: 3.106 ng
 RT: 3.30 min Scan# 207
 Delta R.T. 0.06 min
 Lab File: BF120623.D
 Acq: 15 Jun 2020 16:35

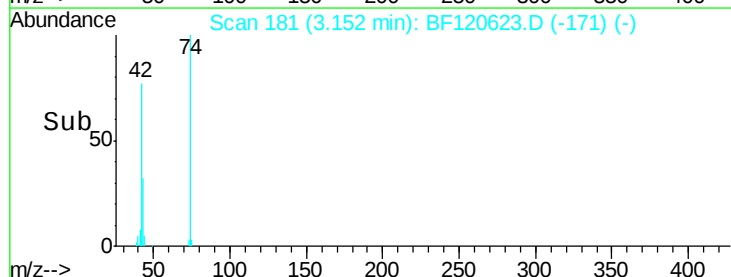
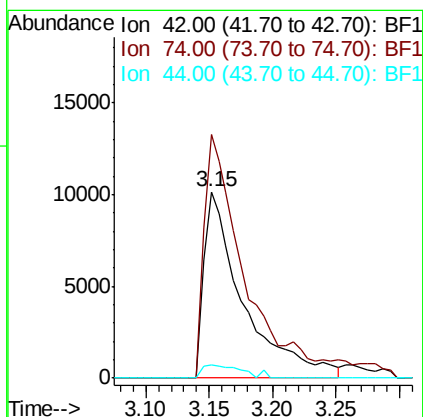
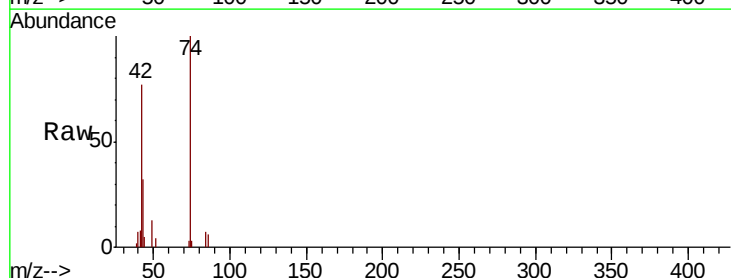
Instrument :
 BNA_F
 ClientSampleId :

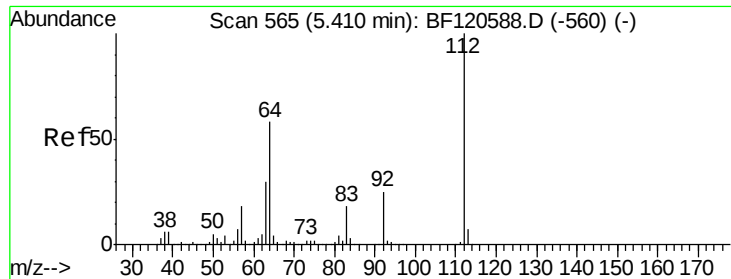
Tot Ion: 79 Resp: 39292
 Ion Ratio Lower Upper
 79 100
 52 64.3 57.0 85.6
 51 34.3 28.5 42.7



#4
 n-Nitrosodimethylamine
 Concen: 4.169 ng
 RT: 3.15 min Scan# 181
 Delta R.T. -0.04 min
 Lab File: BF120623.D
 Acq: 15 Jun 2020 16:35

Tgt Ion: 42 Resp: 21888
 Ion Ratio Lower Upper
 42 100
 74 130.6 107.8 161.6
 44 7.1 5.1 7.7





#5

2-Fluorophenol

Concen: 135.911 ng

RT: 5.41 min Scan# 565

Delta R.T. -0.01 min

Lab File: BF120623.D

Acq: 15 Jun 2020 16:35

Instrument :

BNA_F

ClientSampleId :

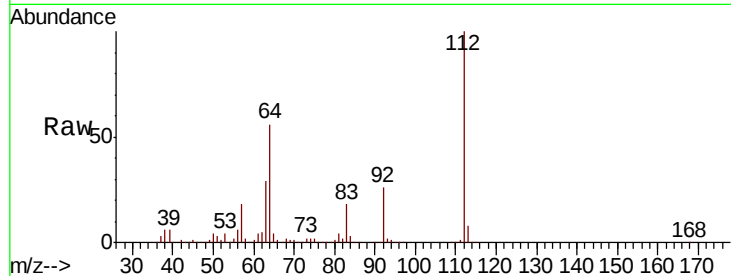
Tot Ion:112 Resp: 1290500

Ion Ratio Lower Upper

112 100

64 56.0 46.1 69.1

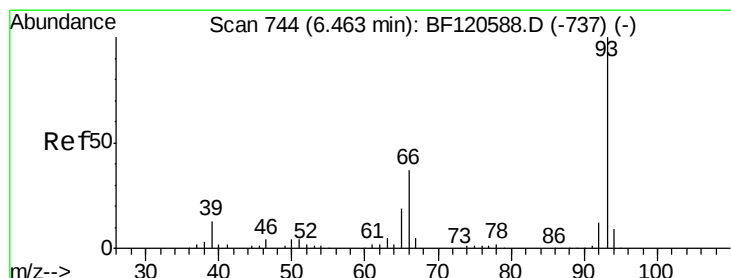
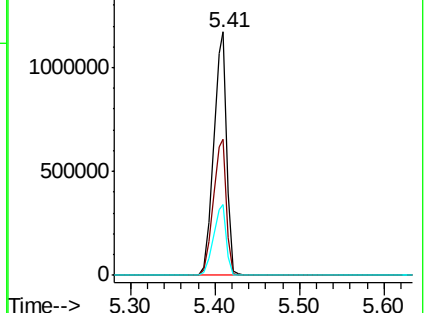
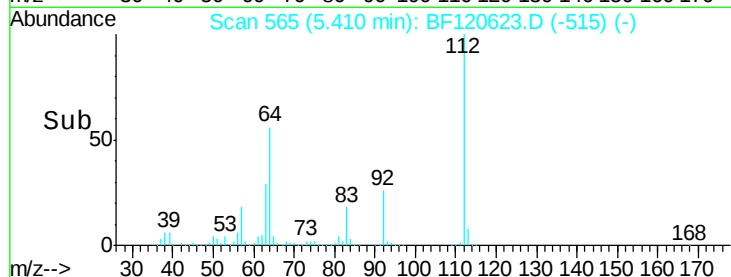
63 29.1 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 5.078 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF120623.D

Acq: 15 Jun 2020 16:35

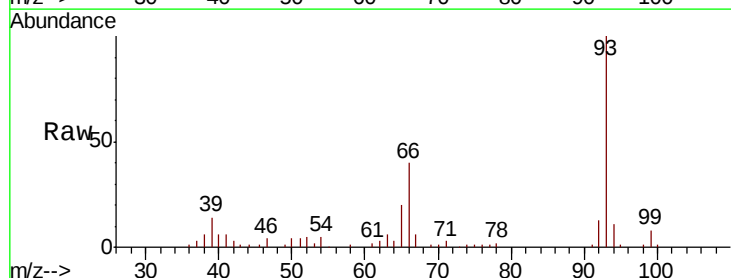
Tgt Ion: 93 Resp: 76855

Ion Ratio Lower Upper

93 100

66 39.7 30.9 46.3

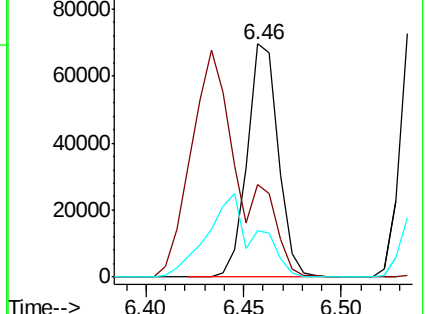
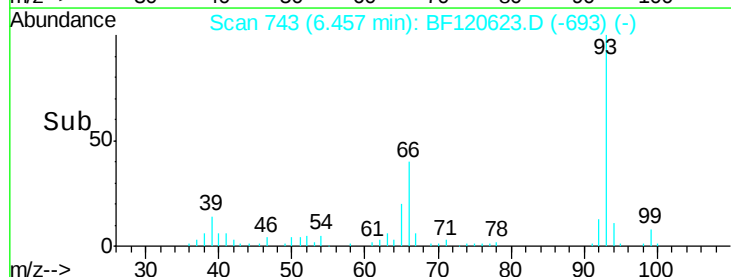
65 20.1 15.9 23.9

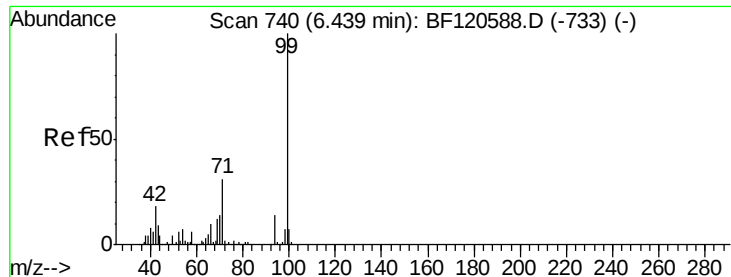


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 138.205 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF120623.D

Acq: 15 Jun 2020 16:35

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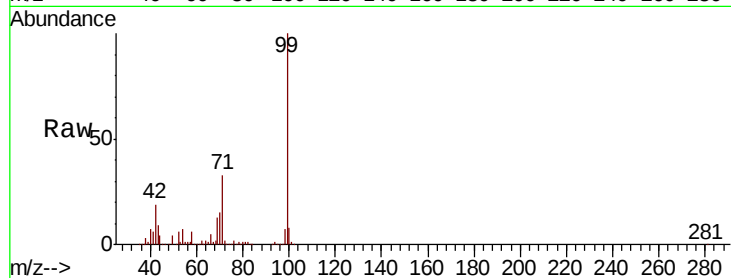
Tot Ion: 99 Resp: 1634434

Ion Ratio Lower Upper

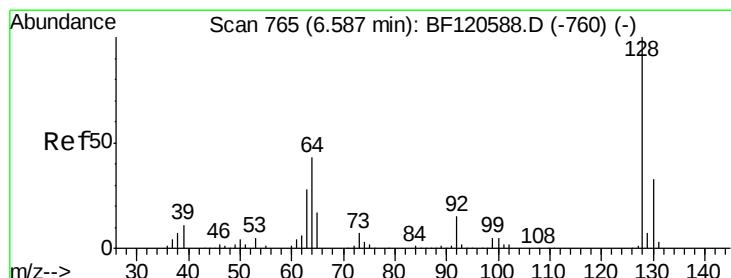
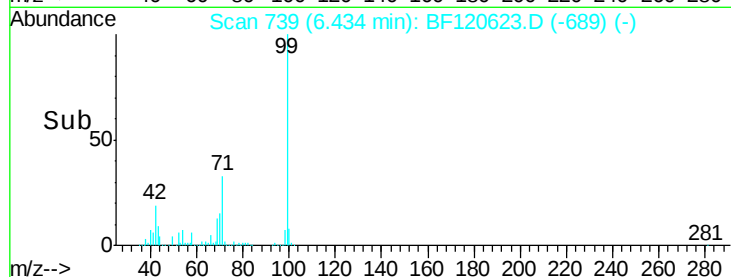
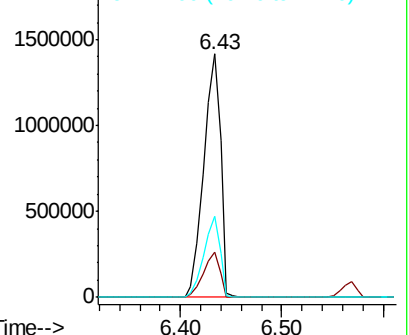
99 100

42 18.5 14.0 21.0

71 33.1 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: 4.967 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF120623.D

Acq: 15 Jun 2020 16:35

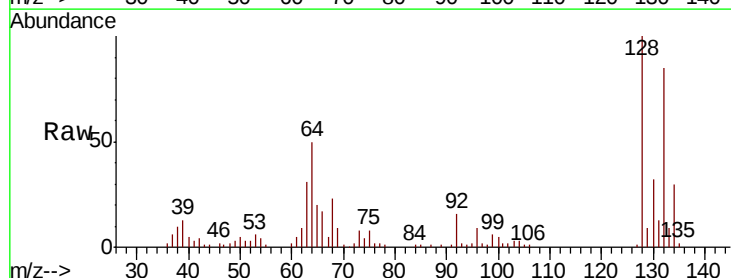
Tgt Ion:128 Resp: 53290

Ion Ratio Lower Upper

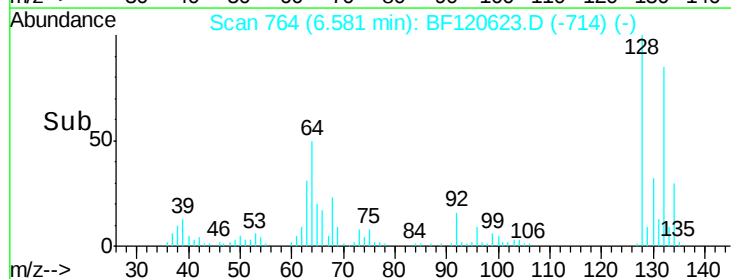
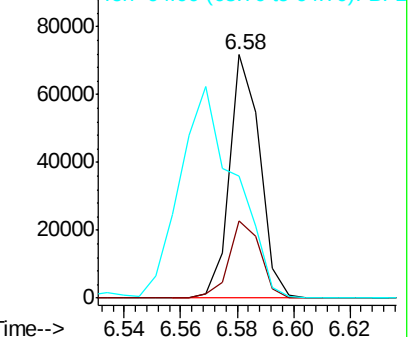
128 100

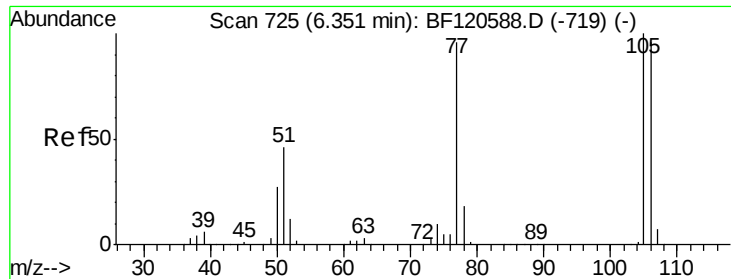
130 31.8 12.6 52.6

64 49.9 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: 5.775 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

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ClientSampleId :

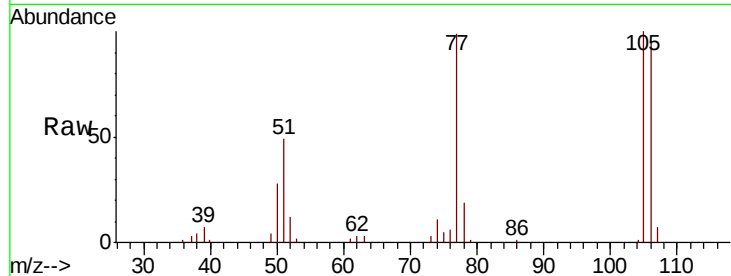
Tot Ion: 77 Resp: 43201

Ion Ratio Lower Upper

77 100

105 100.8 83.8 123.8

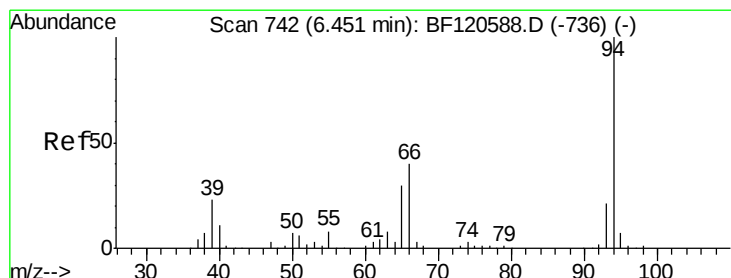
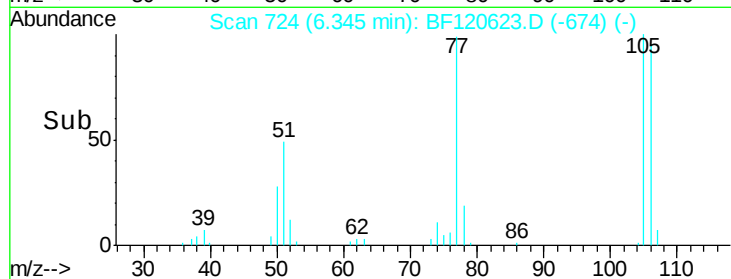
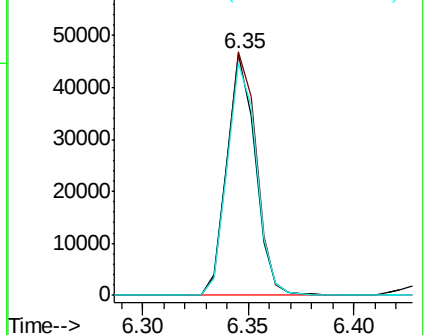
106 96.1 79.3 119.3



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 5.119 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF120623.D

Acq: 15 Jun 2020 16:35

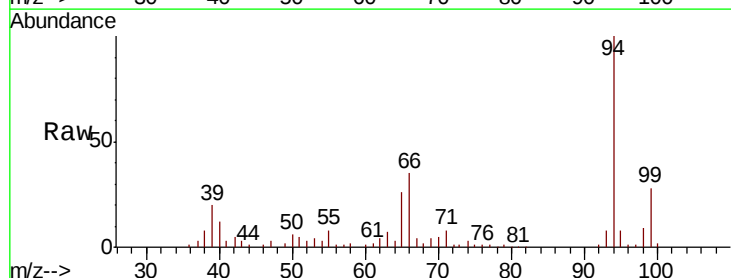
Tgt Ion: 94 Resp: 64592

Ion Ratio Lower Upper

94 100

65 25.7 9.9 49.9

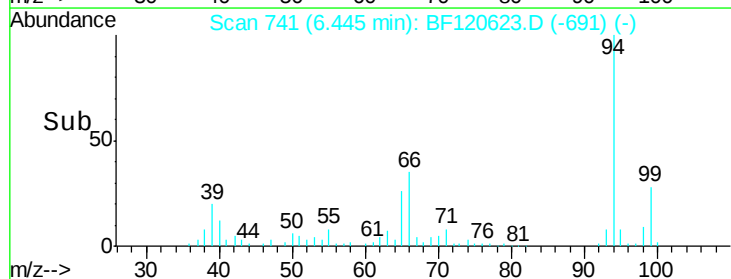
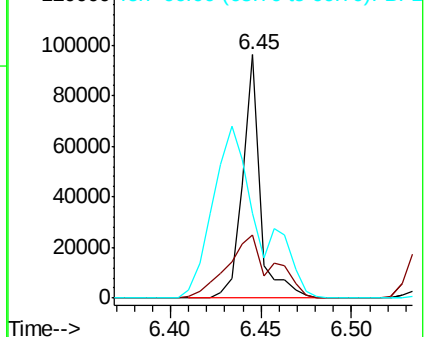
66 34.7 20.1 60.1

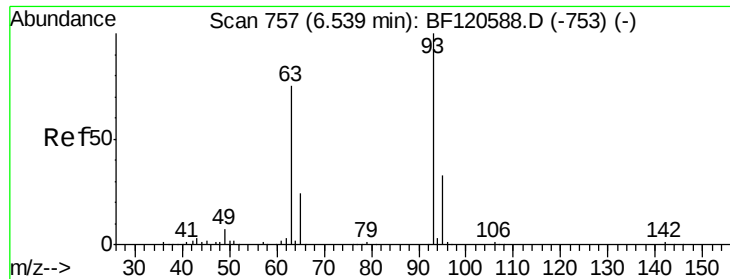


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 4.808 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF120623.D

Acq: 15 Jun 2020 16:35

Instrument :

BNA_F

ClientSampled :

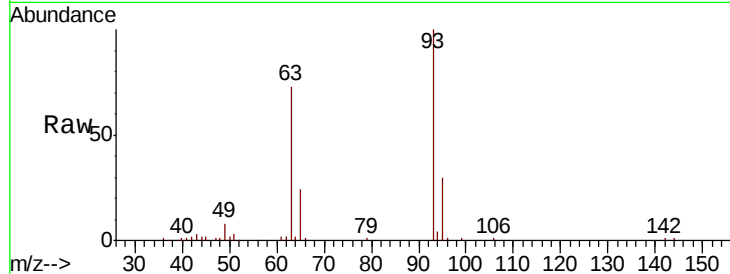
Tot Ion: 93 Resp: 50535

Ion Ratio Lower Upper

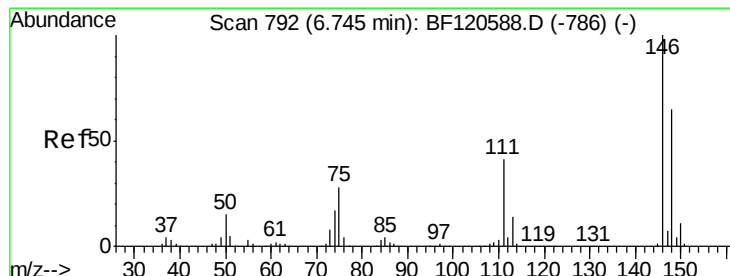
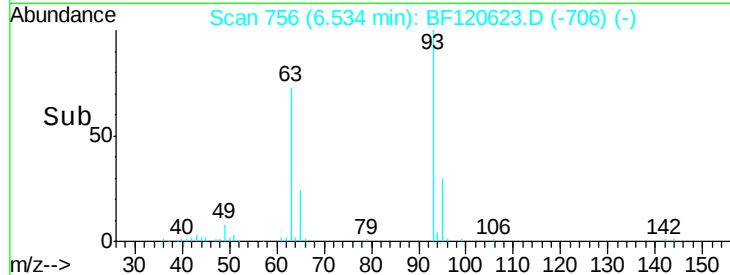
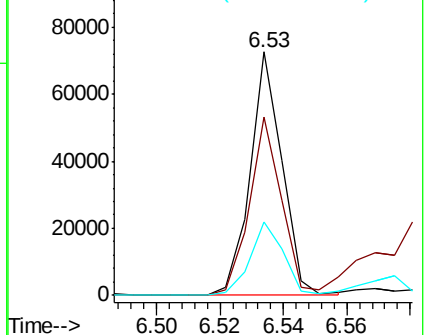
93 100

63 73.5 54.4 94.4

95 30.4 12.9 52.9



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 5.055 ng

RT: 6.74 min Scan# 791

Delta R.T. -0.01 min

Lab File: BF120623.D

Acq: 15 Jun 2020 16:35

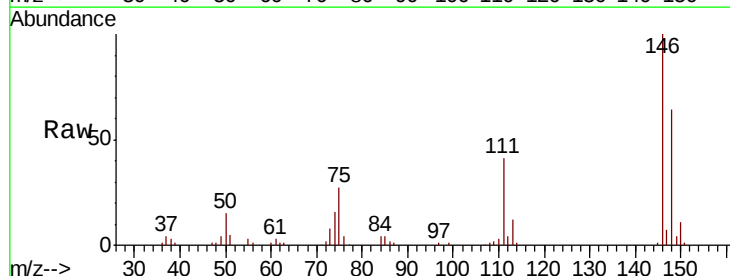
Tgt Ion: 146 Resp: 57665

Ion Ratio Lower Upper

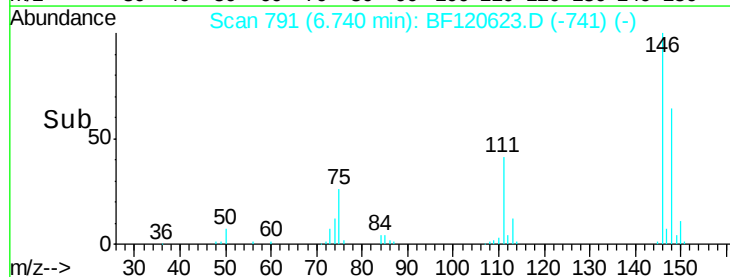
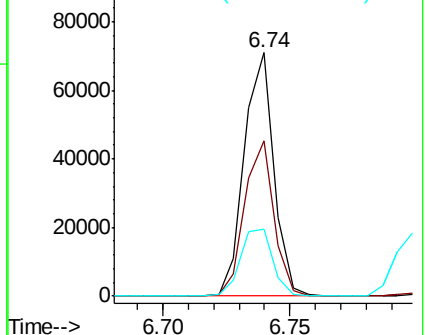
146 100

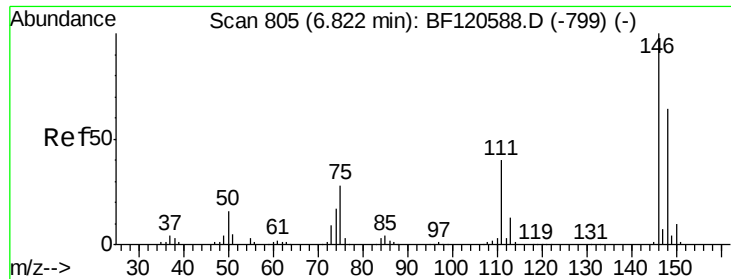
148 63.8 51.8 77.6

75 27.4 22.2 33.4



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1

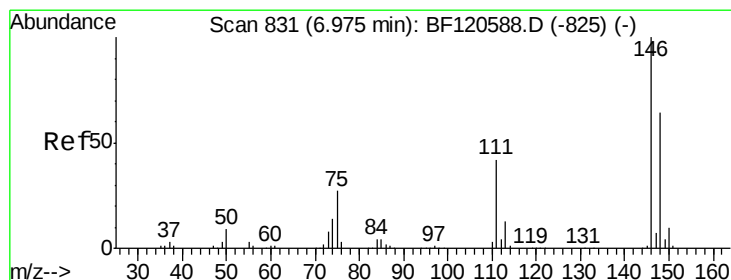
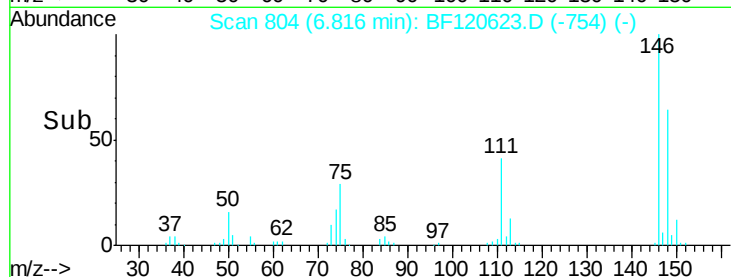
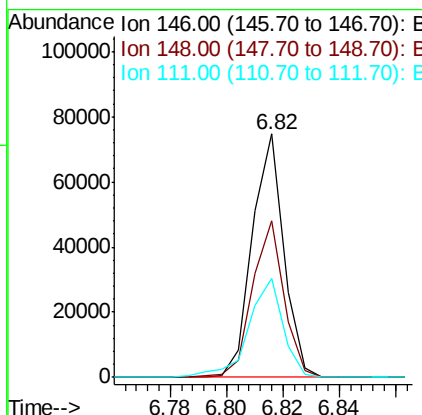
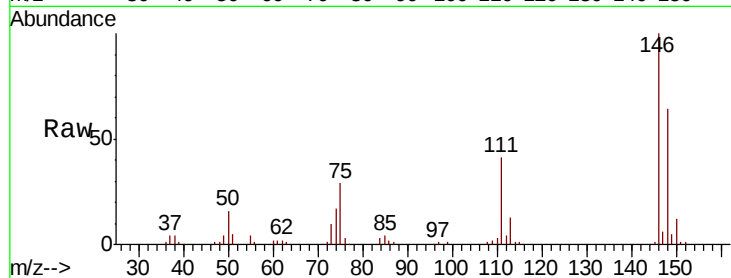




#13
 1,4-Dichlorobenzene
 Concen: 5.125 ng
 RT: 6.82 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: BF120623.D
 Acq: 15 Jun 2020 16:35

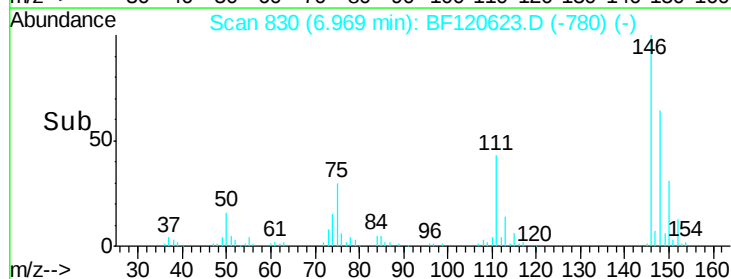
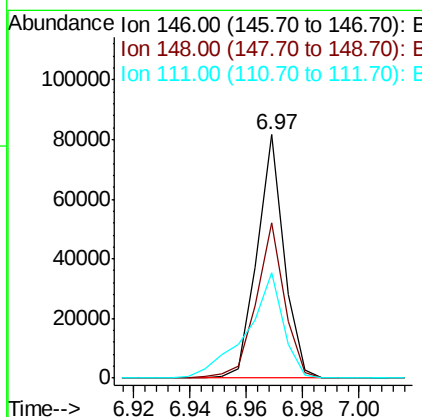
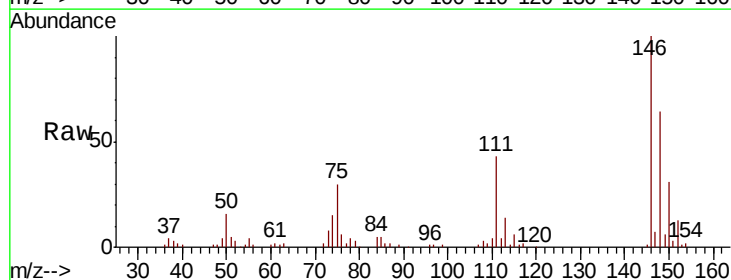
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:146 Resp: 57683
 Ion Ratio Lower Upper
 146 100
 148 64.2 51.5 77.3
 111 40.8 32.2 48.4



#14
 1,2-Dichlorobenzene
 Concen: 4.932 ng
 RT: 6.97 min Scan# 830
 Delta R.T. -0.01 min
 Lab File: BF120623.D
 Acq: 15 Jun 2020 16:35

Tgt Ion:146 Resp: 54076
 Ion Ratio Lower Upper
 146 100
 148 63.6 50.8 76.2
 111 43.5 33.6 50.4

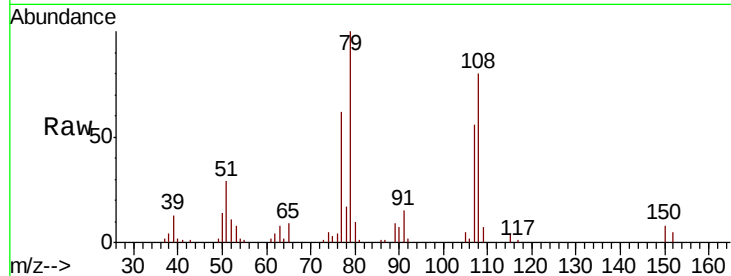




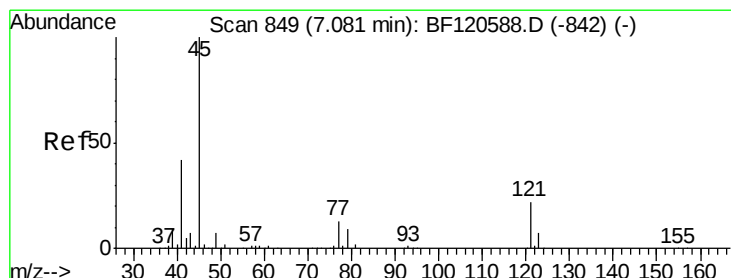
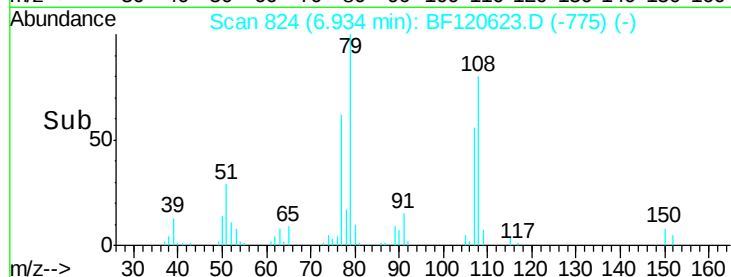
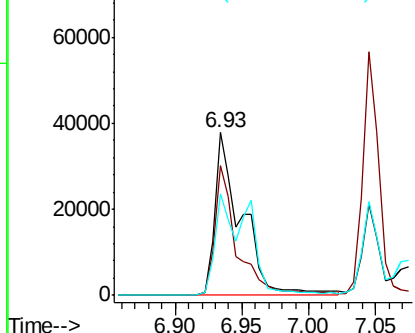
#15
Benzyl Alcohol
Concen: 6.347 ng
RT: 6.93 min Scan# 824
Delta R.T. -0.01 min
Lab File: BF120623.D
Acq: 15 Jun 2020 16:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 79 Resp: 53228
Ion Ratio Lower Upper
79 100
108 80.0 66.8 100.2
77 62.5 50.6 76.0

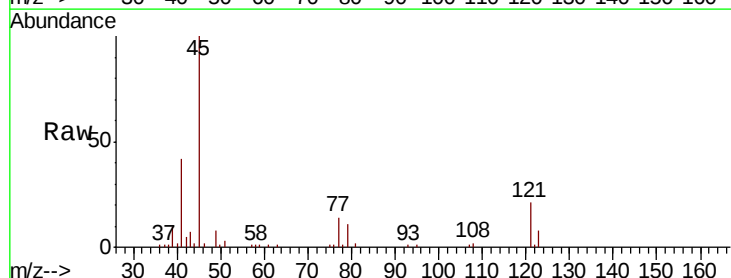


Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

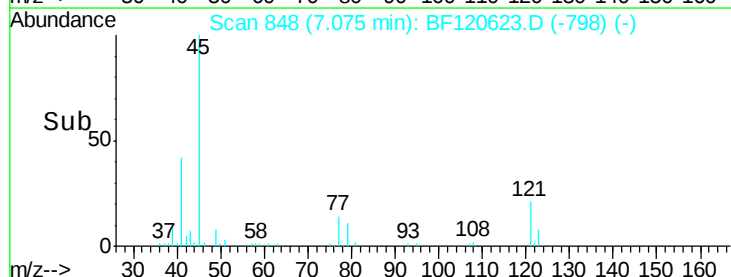
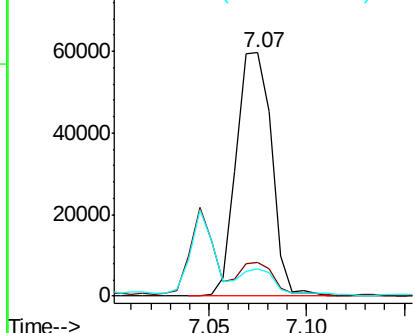


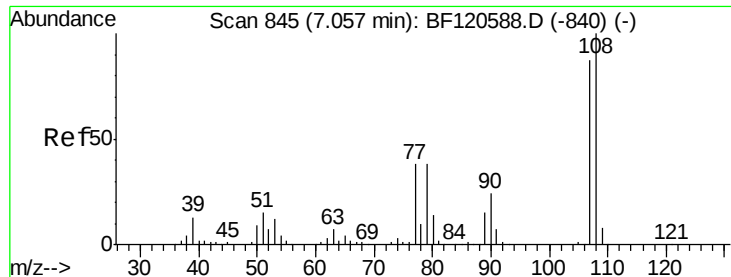
#16
2,2'-oxybis(1-chloropropane)
Concen: 4.954 ng
RT: 7.07 min Scan# 848
Delta R.T. -0.01 min
Lab File: BF120623.D
Acq: 15 Jun 2020 16:35

Tgt Ion: 45 Resp: 74973
Ion Ratio Lower Upper
45 100
77 13.8 0.0 34.2
79 11.4 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: 4.575 ng

RT: 7.05 min Scan# 843

Delta R.T. -0.01 min

Lab File: BF120623.D

Acq: 15 Jun 2020 16:35

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 41865

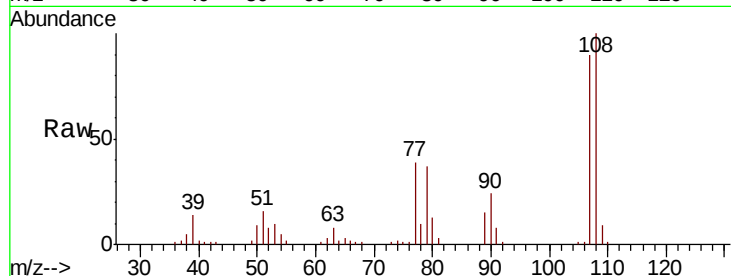
Ion Ratio Lower Upper

107 100

108 111.7 91.9 137.9

77 43.1 35.4 53.2

79 41.9 34.8 52.2



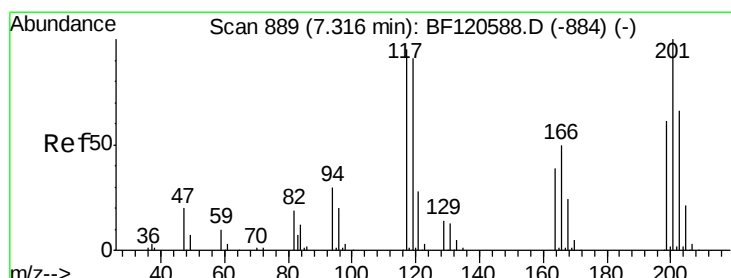
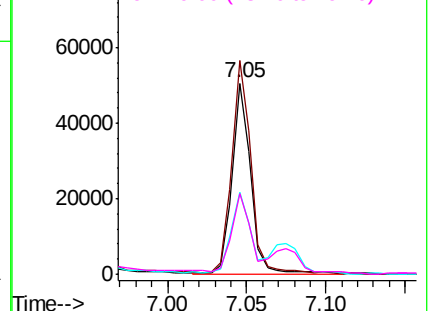
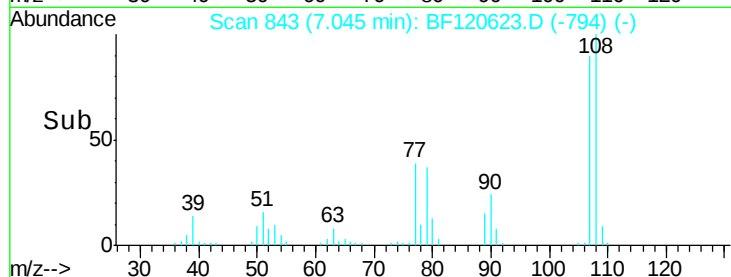
Abundance

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: 5.148 ng

RT: 7.31 min Scan# 888

Delta R.T. -0.01 min

Lab File: BF120623.D

Acq: 15 Jun 2020 16:35

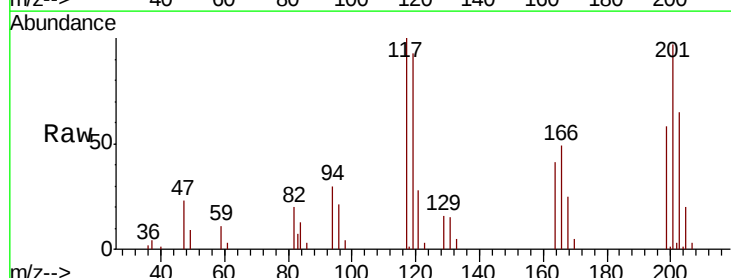
Tgt Ion:117 Resp: 21349

Ion Ratio Lower Upper

117 100

119 93.2 76.9 115.3

201 96.8 84.6 127.0

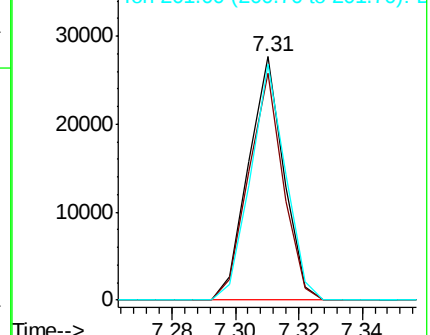
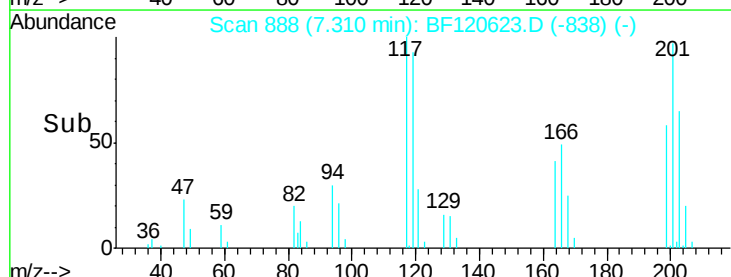


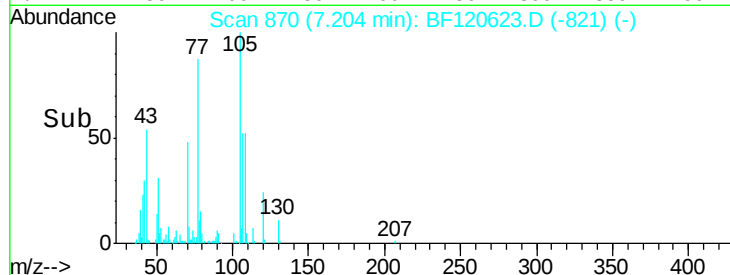
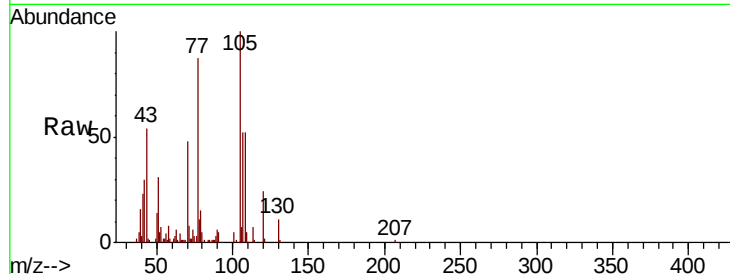
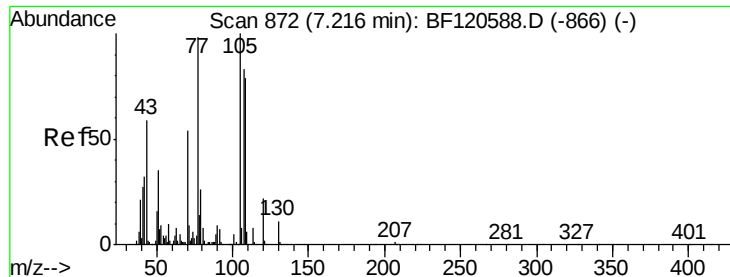
Abundance

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

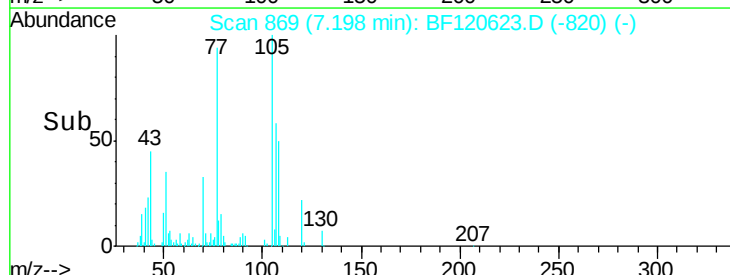
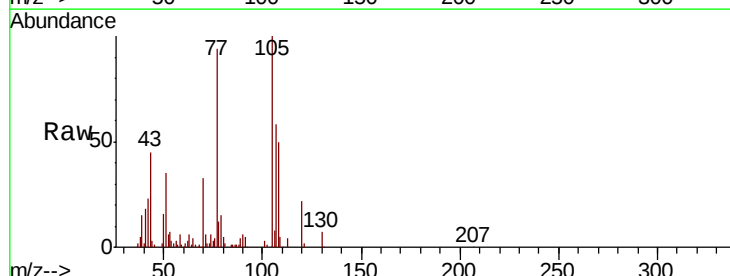
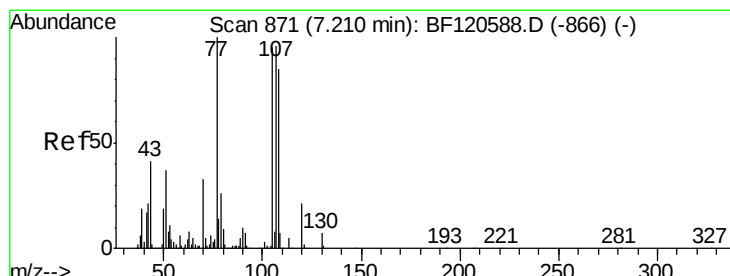
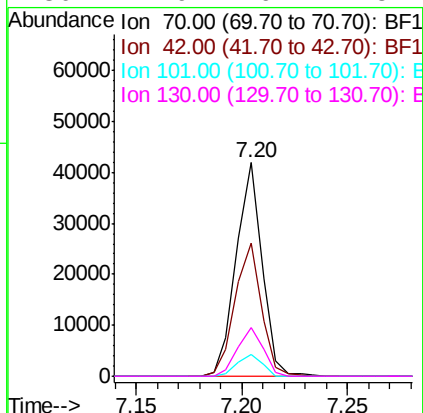




#19
n-Nitroso-di-n-propylamine
Concen: 5.181 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF120623.D
Acq: 15 Jun 2020 16:35

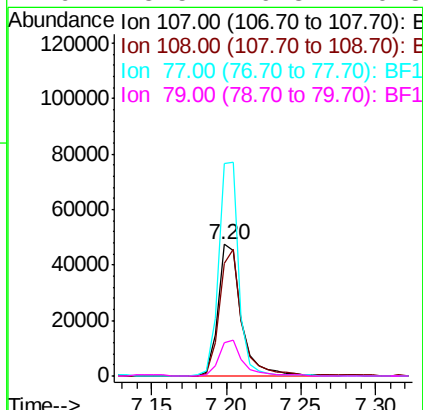
Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	35543
Ion	Ratio	Lower	Upper
70	100		
42	62.0	47.7	71.5
101	10.3	7.6	11.4
130	22.9	16.7	25.1



#20
3+4-Methylphenols
Concen: 4.573 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.01 min
Lab File: BF120623.D
Acq: 15 Jun 2020 16:35

Tgt Ion:	107	Resp:	52299
Ion	Ratio	Lower	Upper
107	100		
108	85.9	68.7	108.7
77	161.4	84.2	124.2#
79	25.5	6.8	46.8

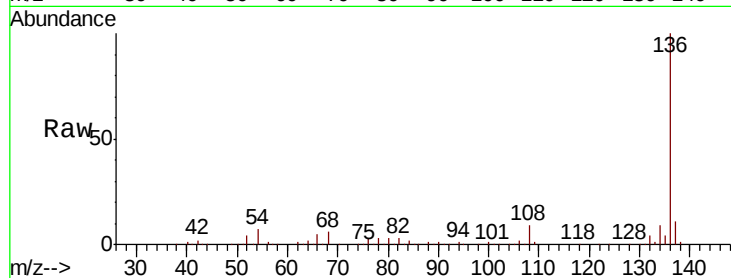




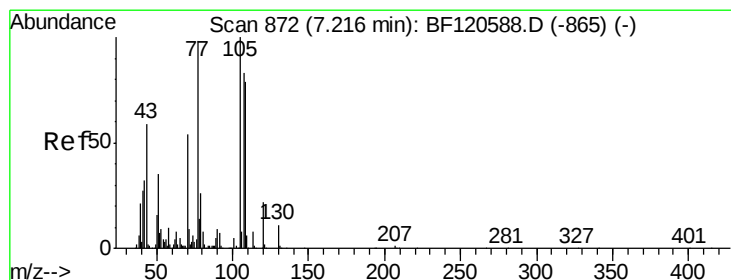
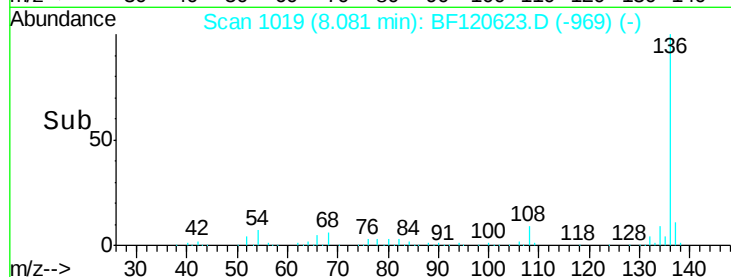
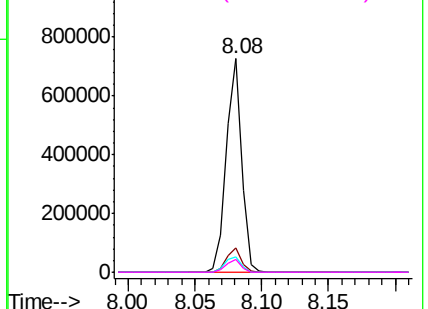
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF120623.D
Acq: 15 Jun 2020 16:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	594739	
Ion Ratio	Lower	Upper	
136 100			
137 11.1	8.6	13.0	
54 7.4	5.8	8.6	
68 5.8	4.4	6.6	

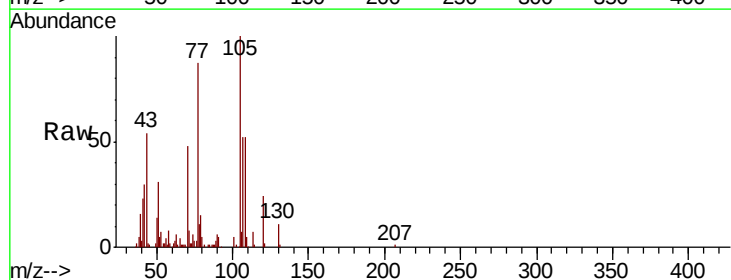


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

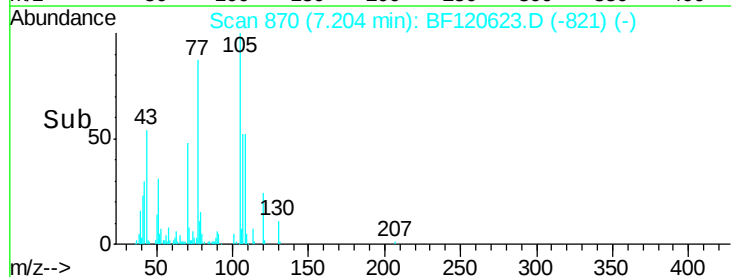
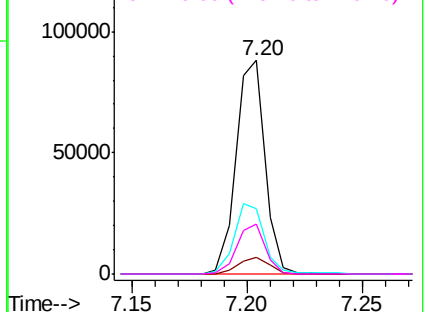


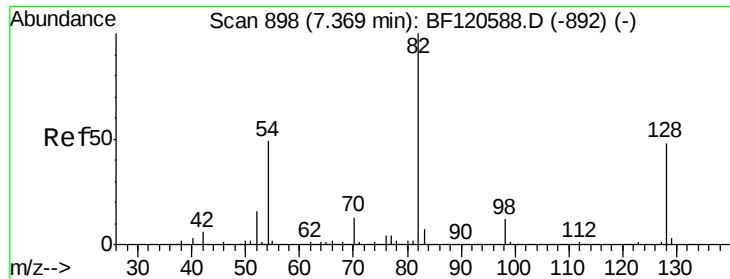
#22
Acetophenone
Concen: 5.801 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF120623.D
Acq: 15 Jun 2020 16:35

Tgt	Ion:105	Resp:	77132
Ion	Ratio	Lower	Upper
105	100		
71	8.0	7.2	10.8
51	30.6	27.8	41.8
120	23.5	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

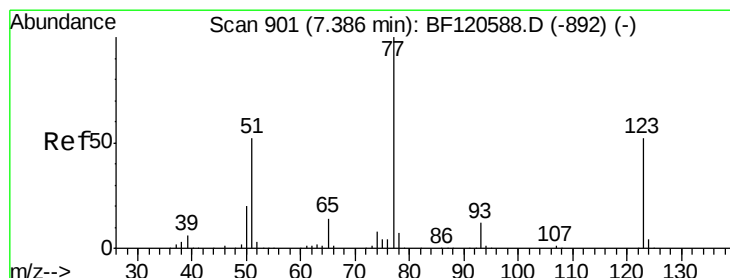
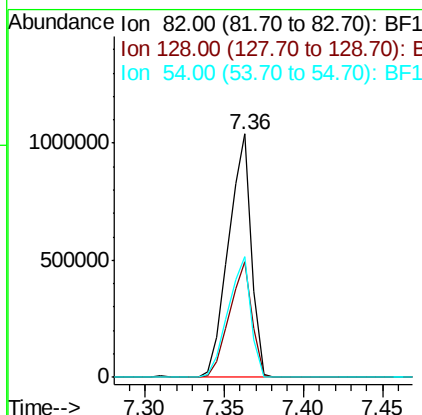
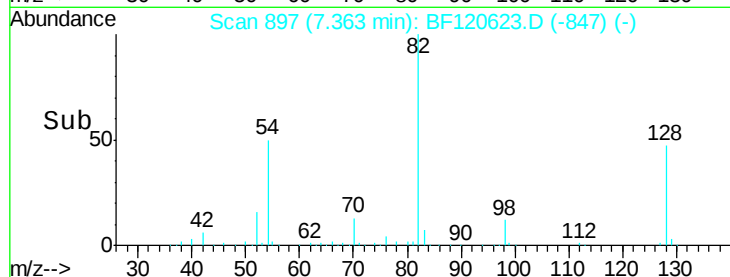
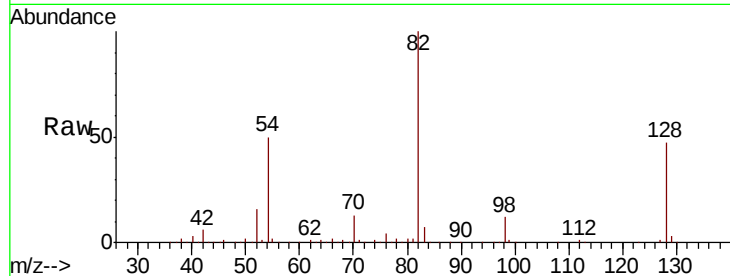




#23
Nitrobenzene-d5
Concen: 97.361 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF120623.D
Acq: 15 Jun 2020 16:35

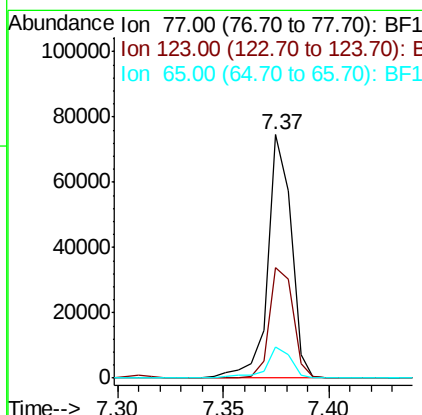
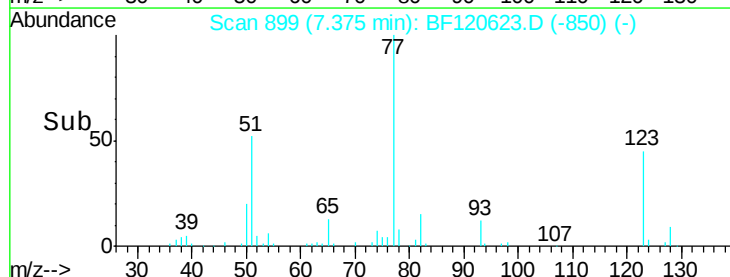
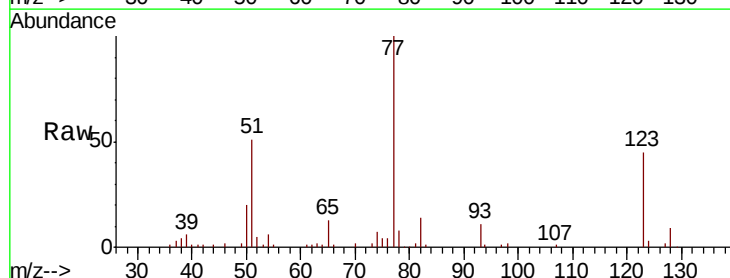
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 1035920
Ion Ratio Lower Upper
82 100
128 47.5 38.0 57.0
54 49.5 38.8 58.2



#24
Nitrobenzene
Concen: 5.188 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF120623.D
Acq: 15 Jun 2020 16:35

Tgt Ion: 77 Resp: 57764
Ion Ratio Lower Upper
77 100
123 45.4 41.4 62.0
65 13.0 11.0 16.4





#25

Isophorone

Concen: 4.764 ng

RT: 7.61 min Scan# 939

Delta R.T. -0.02 min

Lab File: BF120623.D

Acq: 15 Jun 2020 16:35

Instrument :

BNA_F

ClientSampleId :

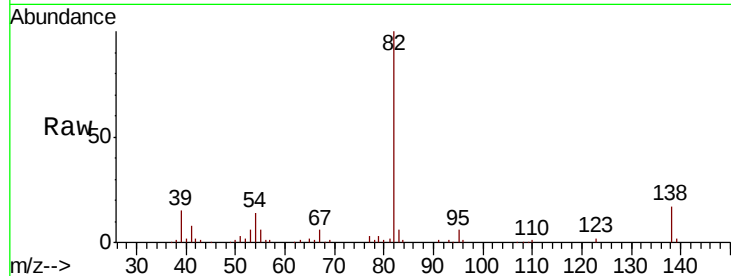
Tot Ion: 82 Resp: 98733

Ion Ratio Lower Upper

82 100

95 6.5 5.7 8.5

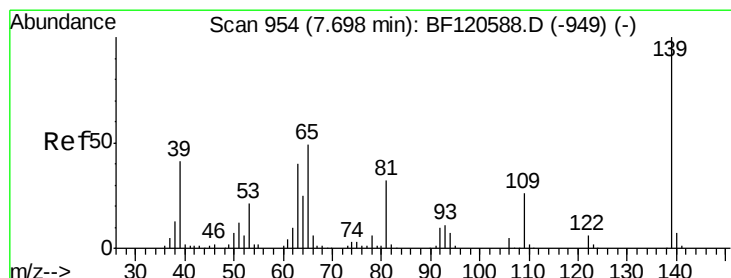
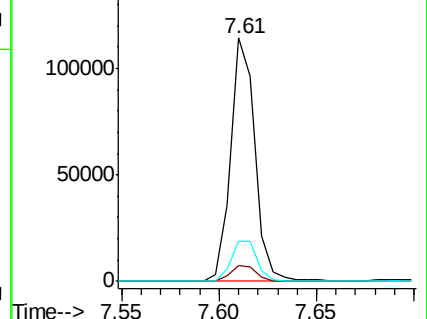
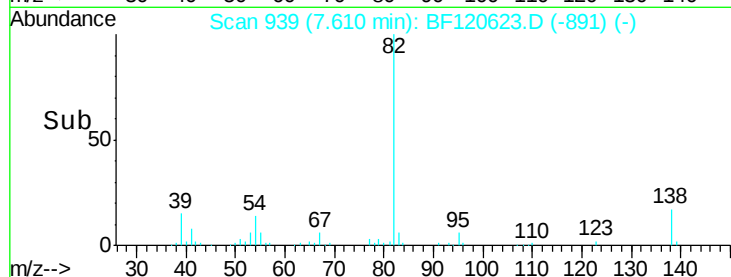
138 16.5 16.2 24.4



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: 4.144 ng

RT: 7.69 min Scan# 953

Delta R.T. -0.01 min

Lab File: BF120623.D

Acq: 15 Jun 2020 16:35

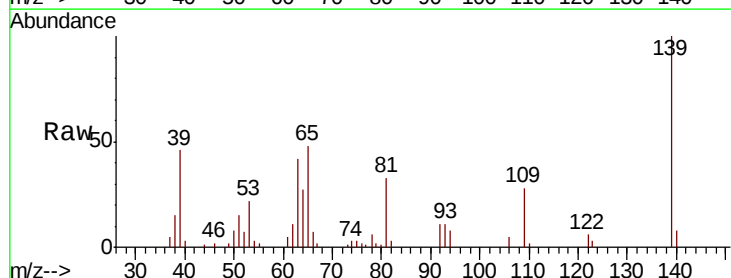
Tgt Ion: 139 Resp: 24411

Ion Ratio Lower Upper

139 100

109 27.6 21.1 31.7

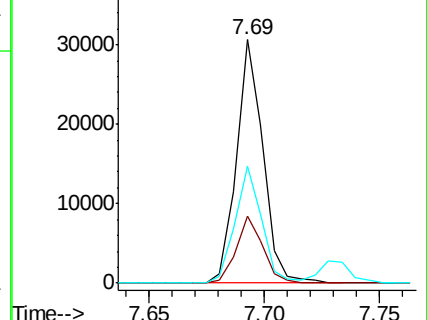
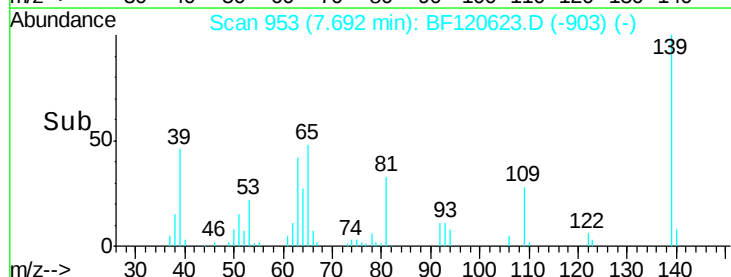
65 47.9 39.4 59.0

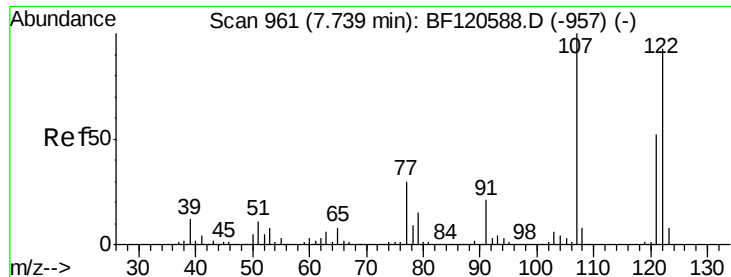


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

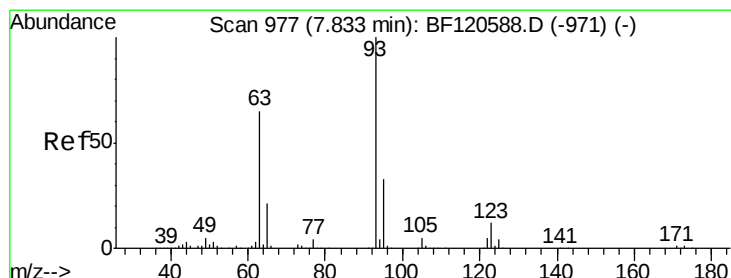
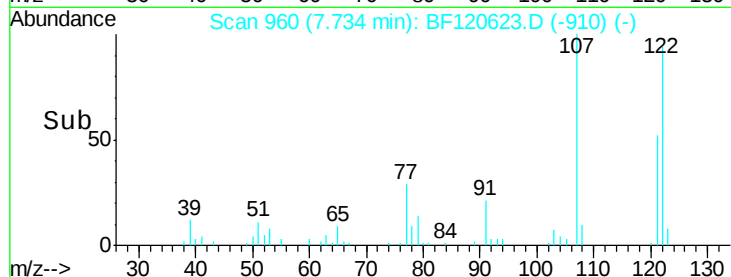
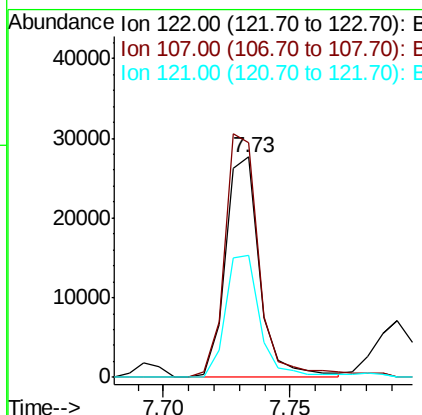
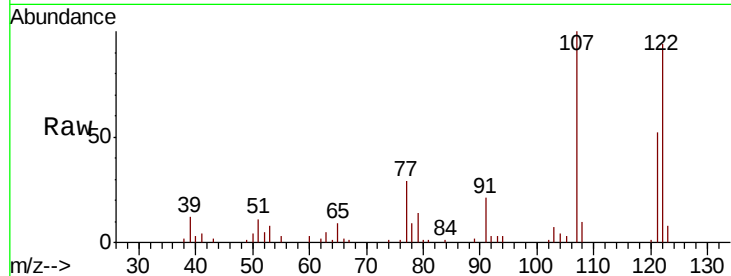




#27
2,4-Dimethylphenol
Concen: 2.991 ng
RT: 7.73 min Scan# 960
Delta R.T. -0.01 min
Lab File: BF120623.D
Acq: 15 Jun 2020 16:35

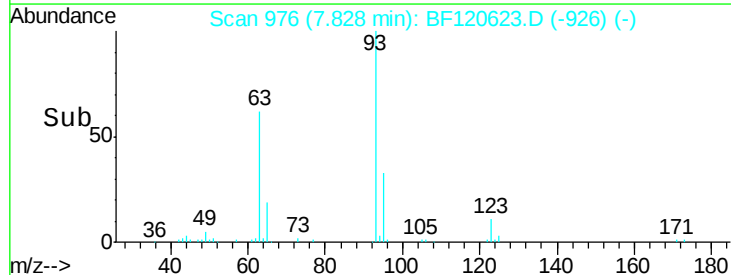
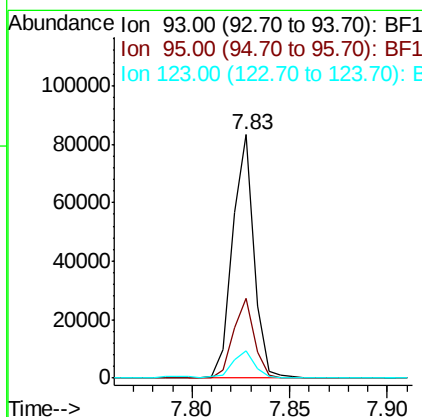
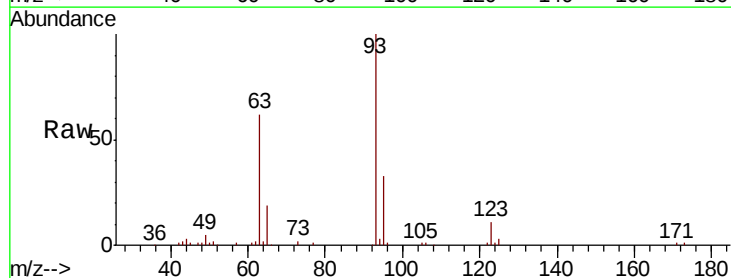
Instrument :
BNA_F
ClientSampled :

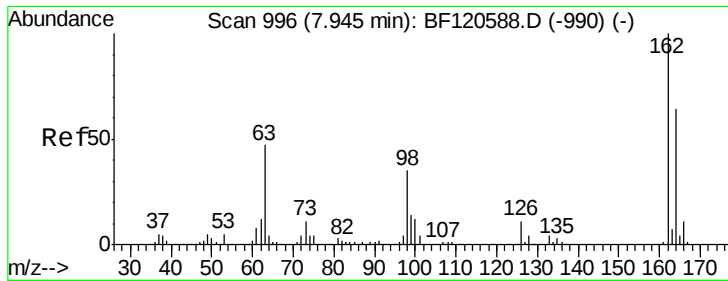
Tot Ion:122 Resp: 25943
Ion Ratio Lower Upper
122 100
107 106.8 86.4 129.6
121 55.6 45.2 67.8



#28
bis(2-Chloroethoxy)methane
Concen: 5.271 ng
RT: 7.83 min Scan# 976
Delta R.T. -0.01 min
Lab File: BF120623.D
Acq: 15 Jun 2020 16:35

Tgt Ion: 93 Resp: 63322
Ion Ratio Lower Upper
93 100
95 32.7 26.2 39.4
123 11.5 9.5 14.3

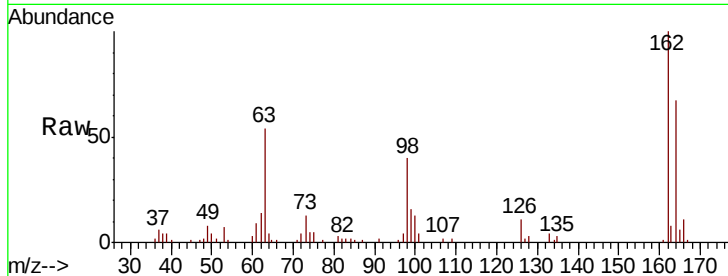




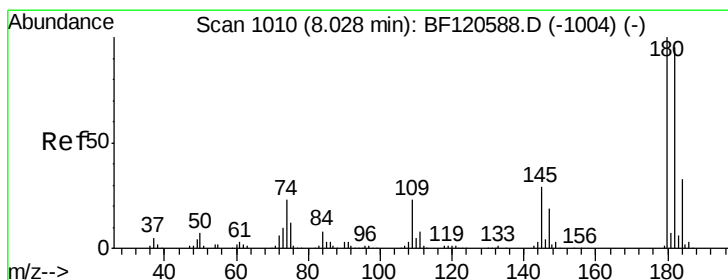
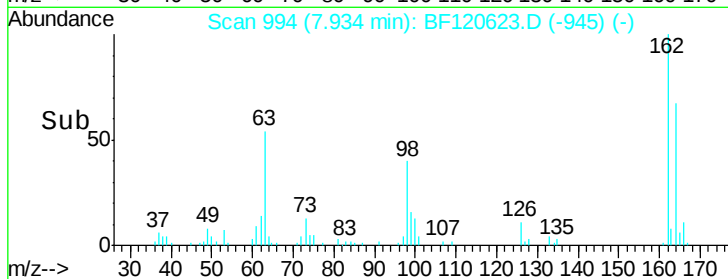
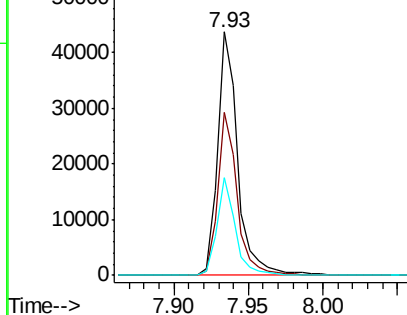
#29
 2,4-Dichlorophenol
 Concen: 4.681 ng
 RT: 7.93 min Scan# 994
 Delta R.T. -0.01 min
 Lab File: BF120623.D
 Acq: 15 Jun 2020 16:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 41272
 Ion Ratio Lower Upper
 162 100
 164 66.8 44.1 84.1
 98 40.0 14.7 54.7

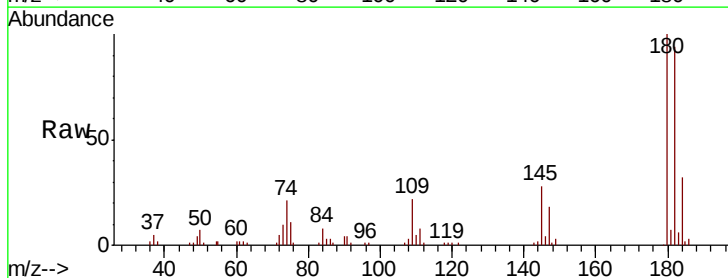


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

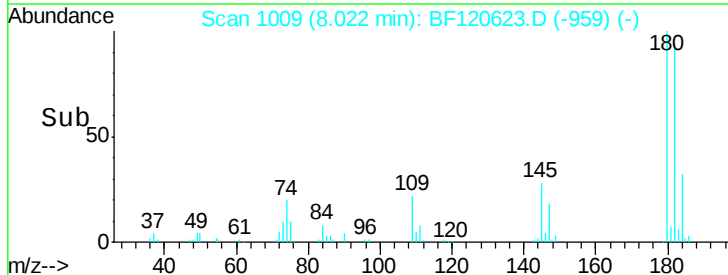
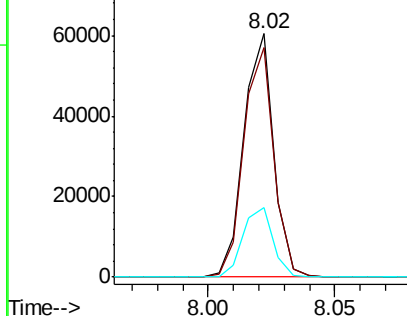


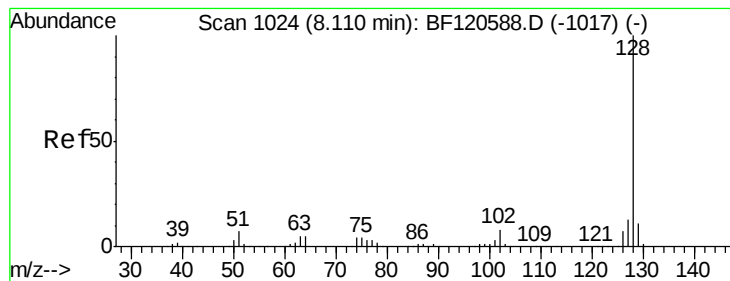
#30
 1,2,4-Trichlorobenzene
 Concen: 5.040 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. -0.01 min
 Lab File: BF120623.D
 Acq: 15 Jun 2020 16:35

Tgt Ion:180 Resp: 49237
 Ion Ratio Lower Upper
 180 100
 182 94.4 75.8 113.6
 145 28.3 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: 5.510 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF120623.D

Acq: 15 Jun 2020 16:35

Instrument :

BNA_F

ClientSampleId :

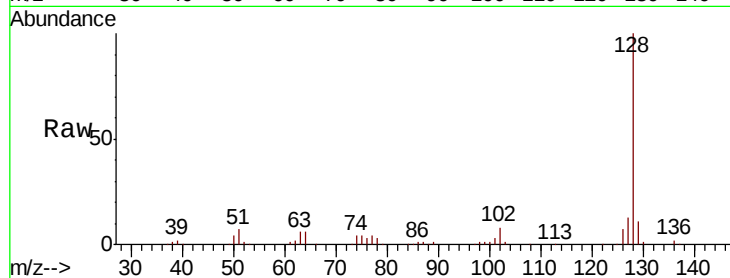
Tot Ion:128 Resp: 160900

Ion Ratio Lower Upper

128 100

129 10.6 8.8 13.2

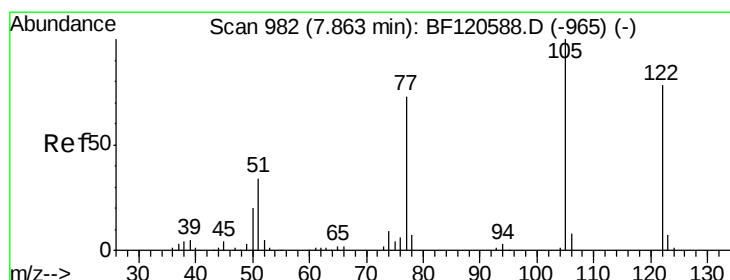
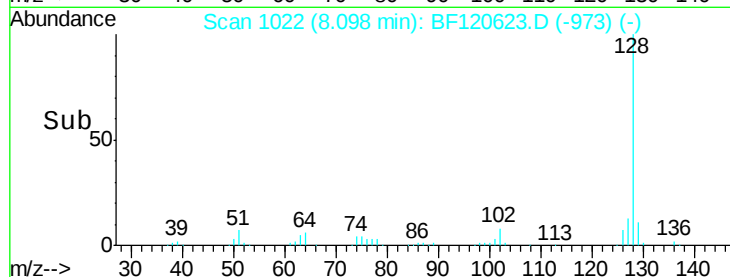
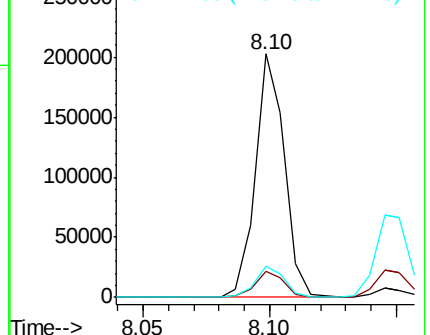
127 13.0 10.6 15.8



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



#32

Benzoic acid

Concen: 1.438 ng

RT: 7.79 min Scan# 970

Delta R.T. -0.07 min

Lab File: BF120623.D

Acq: 15 Jun 2020 16:35

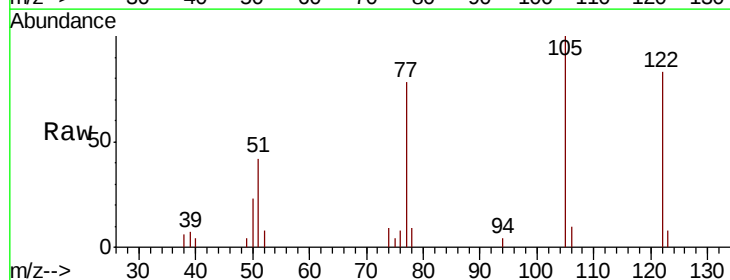
Tgt Ion:122 Resp: 9570

Ion Ratio Lower Upper

122 100

105 120.2 101.0 141.0

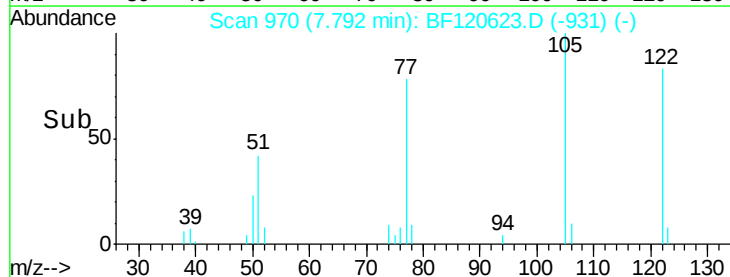
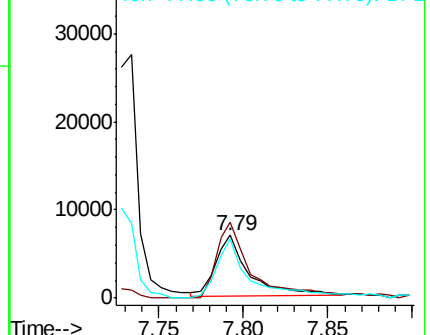
77 93.9 69.8 109.8



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

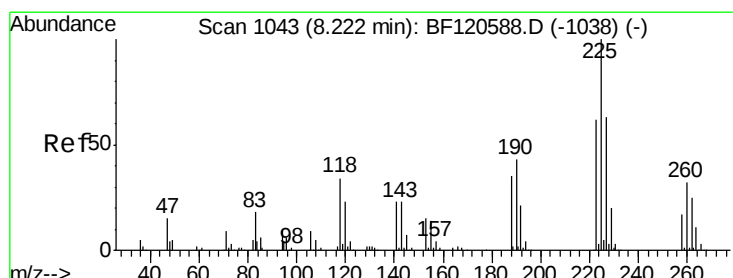
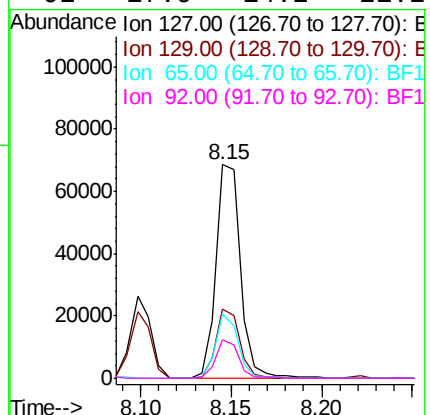
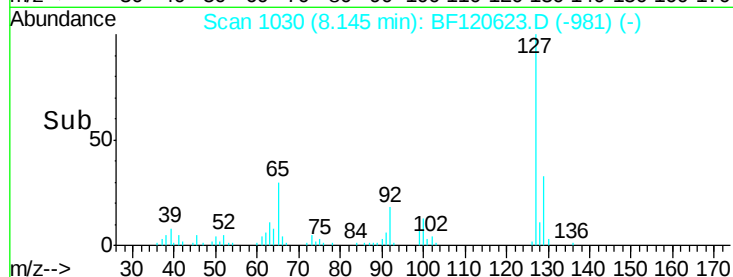
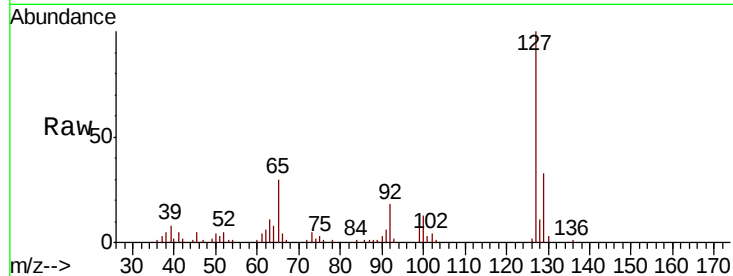




#33
4-Chloroaniline
Concen: 4.804 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF120623.D
Acq: 15 Jun 2020 16:35

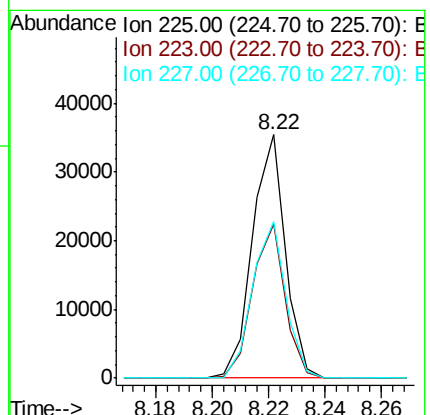
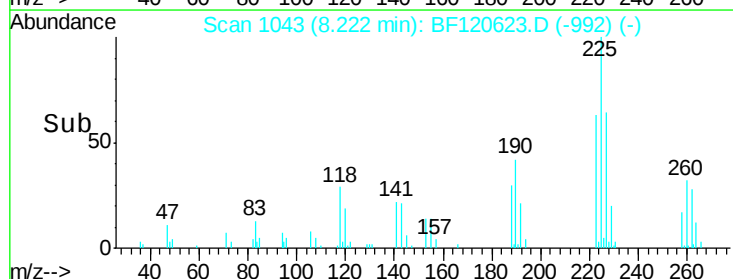
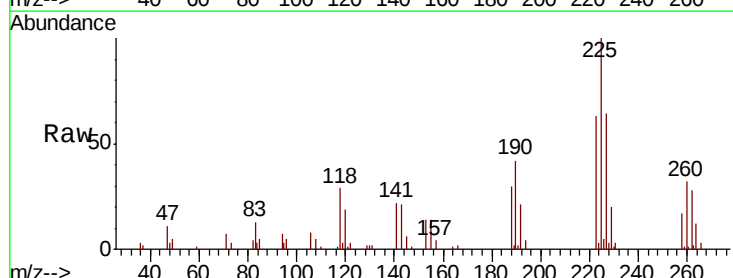
Instrument :
BNA_F
ClientSampled :

Tot Ion:127	Resp:	64400
Ion Ratio	Lower	Upper
127	100	
129	32.7	25.9 38.9
65	30.3	22.2 33.4
92	17.9	14.2 21.2



#34
Hexachlorobutadiene
Concen: 5.013 ng
RT: 8.22 min Scan# 1043
Delta R.T. 0.00 min
Lab File: BF120623.D
Acq: 15 Jun 2020 16:35

Tgt Ion:225	Resp:	28551
Ion Ratio	Lower	Upper
225	100	
223	63.4	49.9 74.9
227	64.2	50.5 75.7

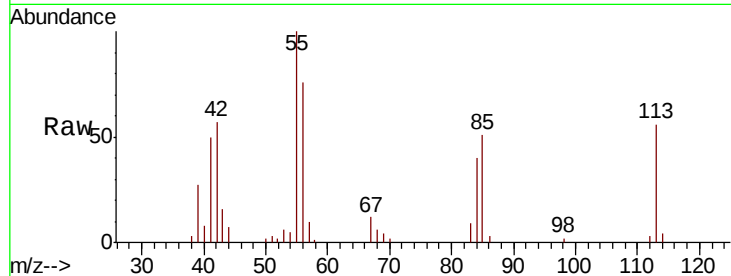




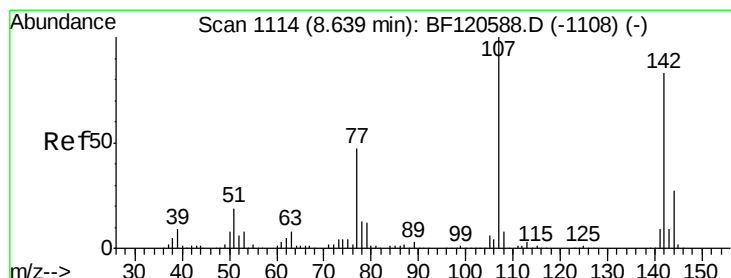
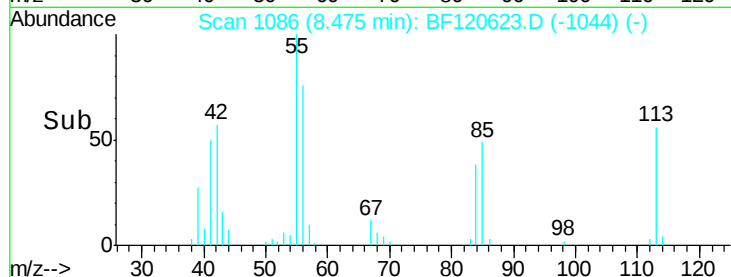
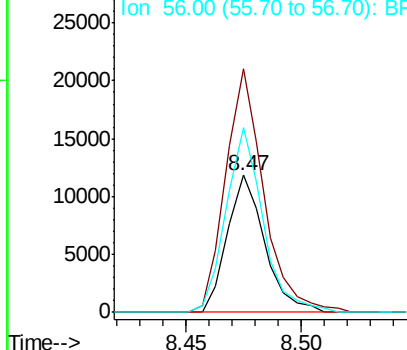
#35
Caprolactam
Concen: 4.731 ng
RT: 8.47 min Scan# 1086
Delta R.T. -0.05 min
Lab File: BF120623.D
Acq: 15 Jun 2020 16:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 13339
Ion Ratio Lower Upper
113 100
55 177.8 133.1 173.1#
56 134.8 98.4 138.4

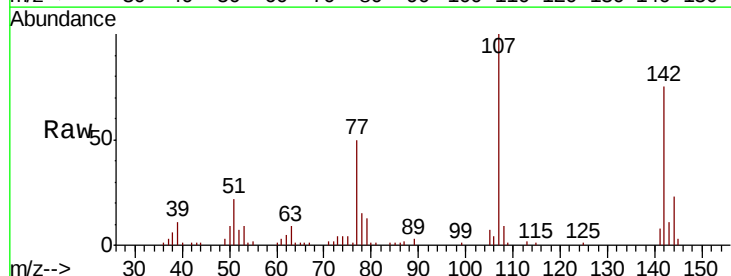


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

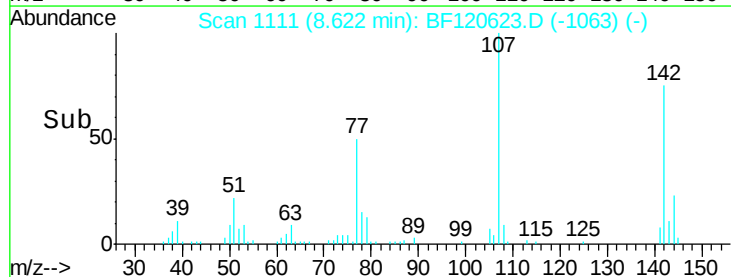
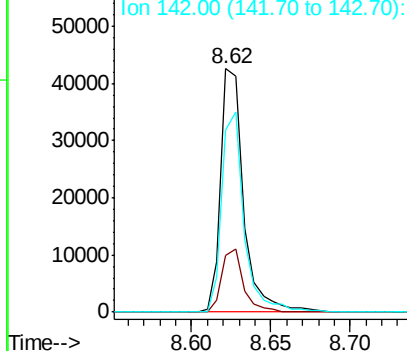


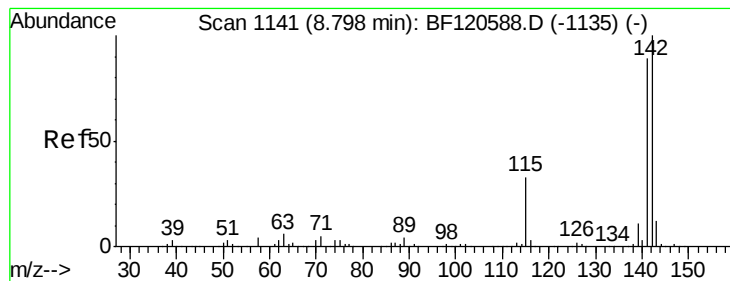
#36
4-Chloro-3-methylphenol
Concen: 4.845 ng
RT: 8.62 min Scan# 1111
Delta R.T. -0.02 min
Lab File: BF120623.D
Acq: 15 Jun 2020 16:35

Tgt Ion:107 Resp: 42676
Ion Ratio Lower Upper
107 100
144 23.4 21.4 32.2
142 74.7 66.3 99.5



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 5.584 ng

RT: 8.79 min Scan# 1140

Delta R.T. -0.01 min

Lab File: BF120623.D

Acq: 15 Jun 2020 16:35

Instrument :

BNA_F

ClientSampleId :

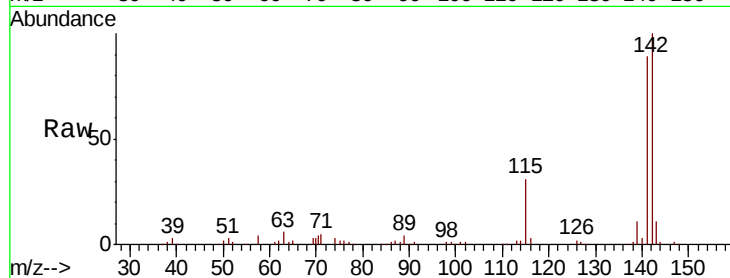
Tot Ion:142 Resp: 106459

Ion Ratio Lower Upper

142 100

141 88.9 71.4 107.0

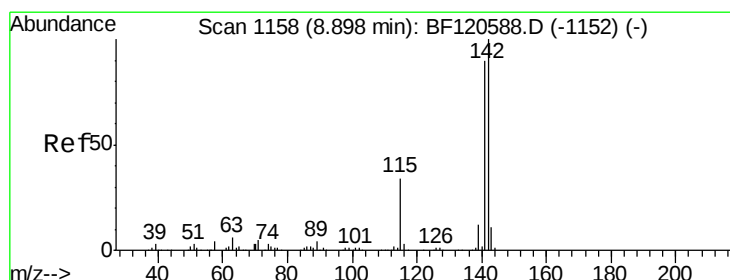
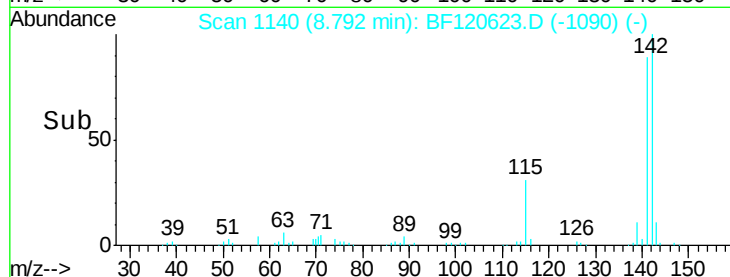
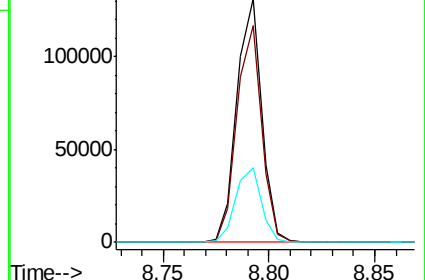
115 30.7 26.1 39.1



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: 5.614 ng

RT: 8.89 min Scan# 1156

Delta R.T. -0.01 min

Lab File: BF120623.D

Acq: 15 Jun 2020 16:35

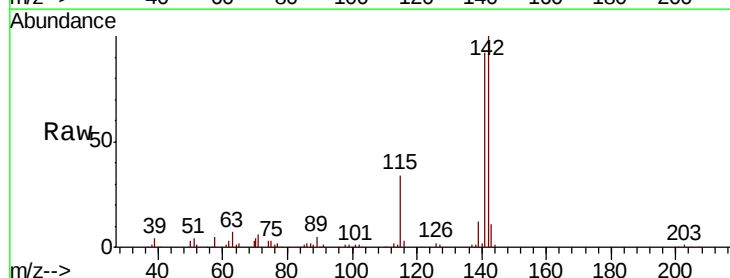
Tgt Ion:142 Resp: 100709

Ion Ratio Lower Upper

142 100

141 91.6 72.1 108.1

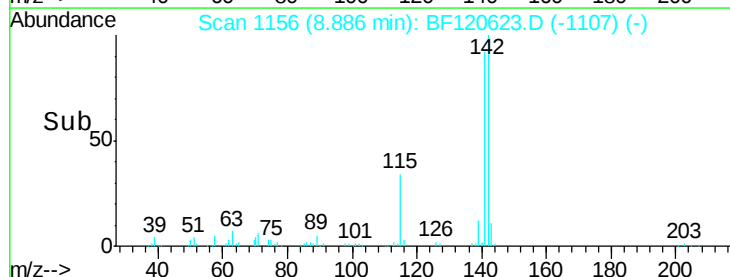
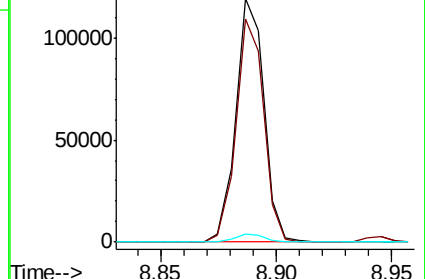
116 3.4 2.7 4.1

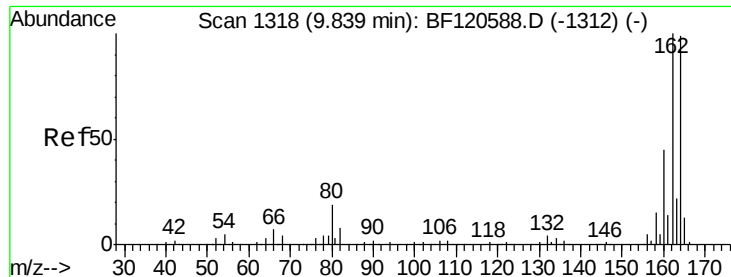


Abundance Ion 142.00 (141.70 to 142.70): E

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: 9.83 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF120623.D

Acq: 15 Jun 2020 16:35

Instrument :

BNA_F

ClientSampled :

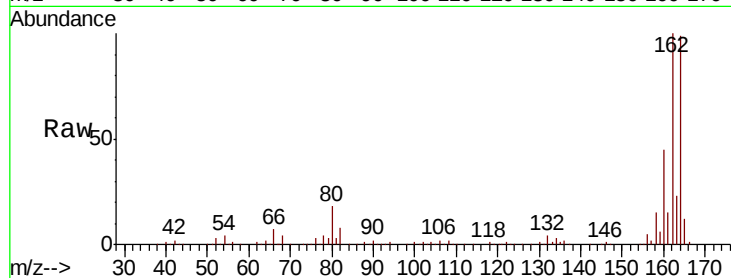
Tot Ion:164 Resp: 312661

Ion Ratio Lower Upper

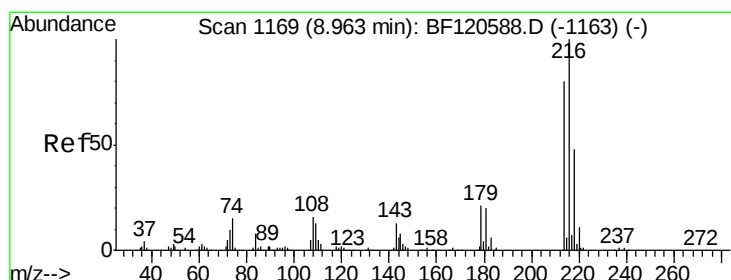
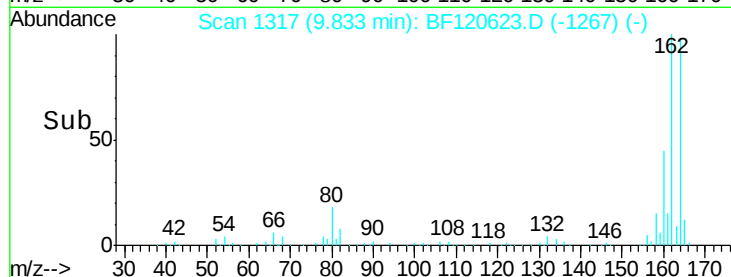
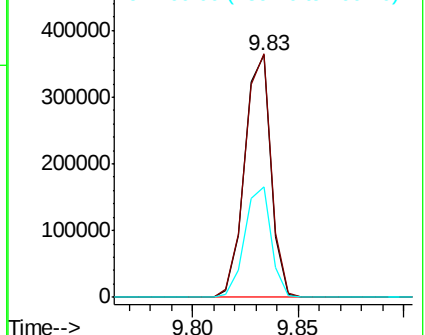
164 100

162 100.7 80.6 120.8

160 45.6 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: 5.583 ng

RT: 8.96 min Scan# 1168

Delta R.T. -0.01 min

Lab File: BF120623.D

Acq: 15 Jun 2020 16:35

Tgt Ion:216 Resp: 52119

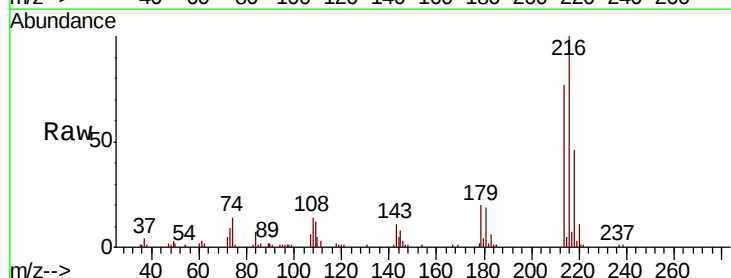
Ion Ratio Lower Upper

216 100

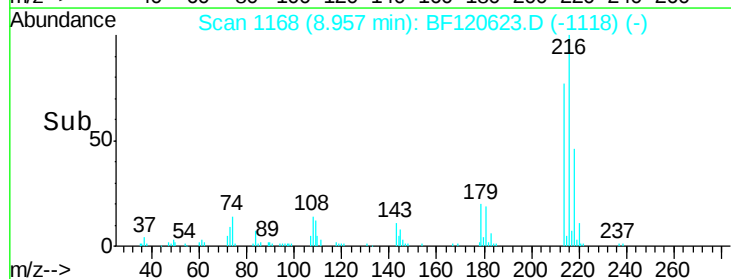
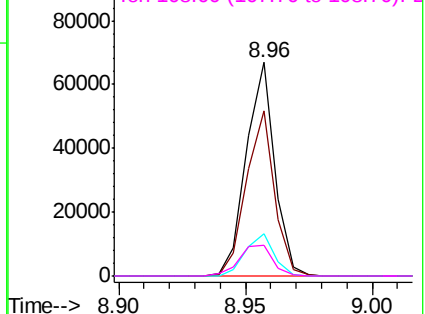
214 76.4 63.8 95.6

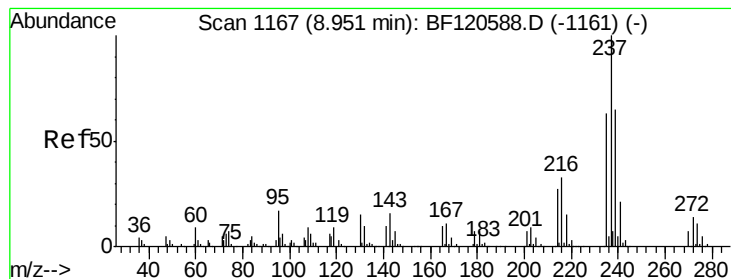
179 19.9 16.4 24.6

108 17.0 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: 3.041 ng

RT: 8.95 min Scan# 1166

Delta R.T. -0.01 min

Lab File: BF120623.D

Acq: 15 Jun 2020 16:35

Instrument :

BNA_F

ClientSampleId :

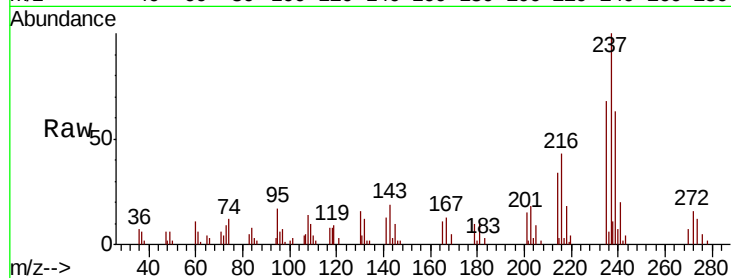
Tot Ion:237 Resp: 15907

Ion Ratio Lower Upper

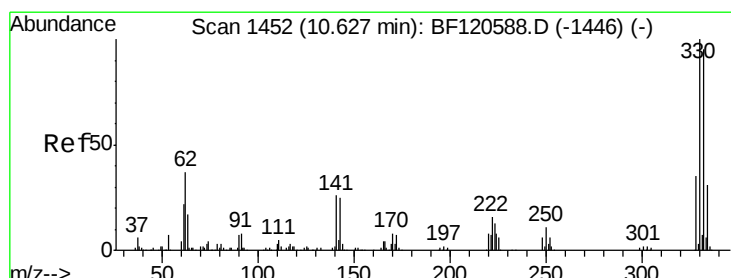
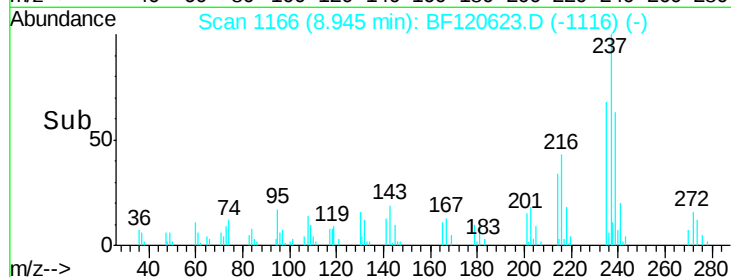
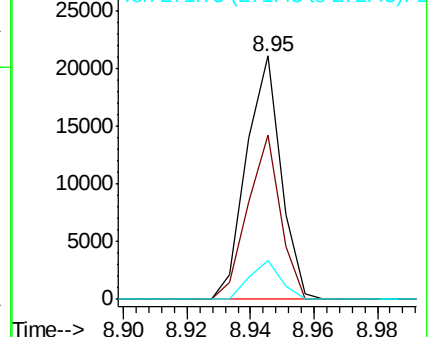
237 100

235 67.6 43.2 83.2

272 15.8 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: 139.651 ng

RT: 10.62 min Scan# 1451

Delta R.T. -0.01 min

Lab File: BF120623.D

Acq: 15 Jun 2020 16:35

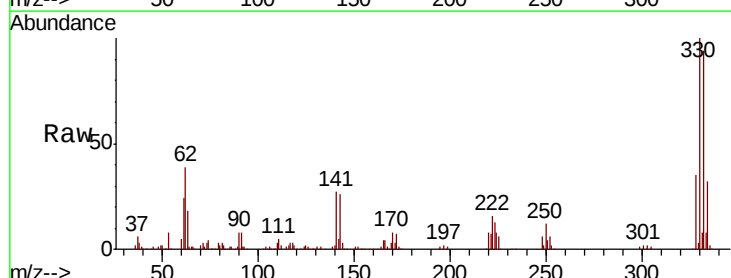
Tgt Ion:330 Resp: 507648

Ion Ratio Lower Upper

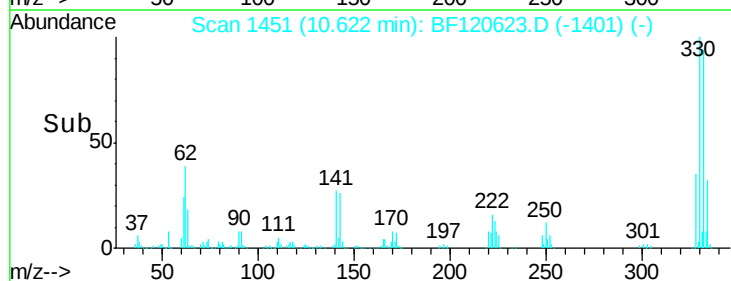
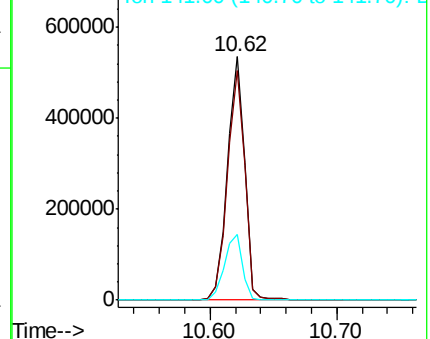
330 100

332 95.8 76.8 115.2

141 28.7 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

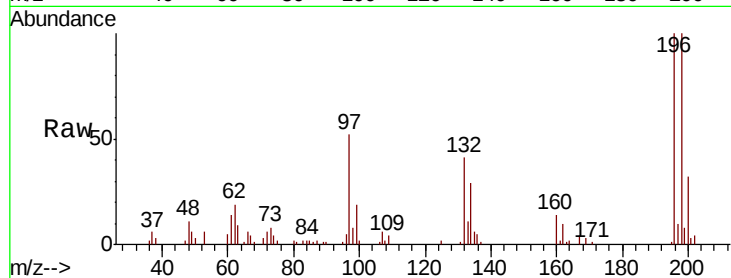




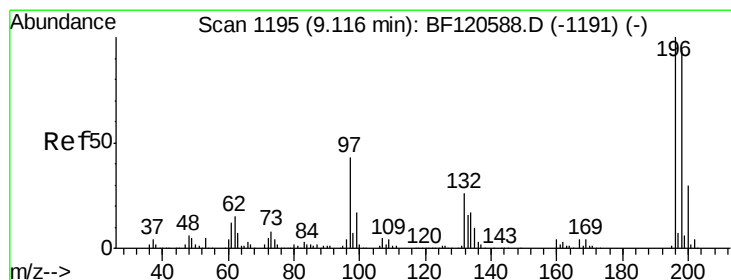
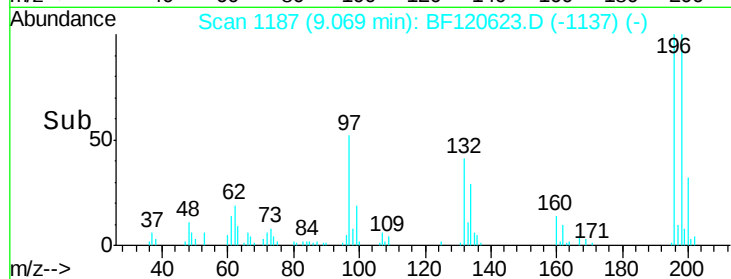
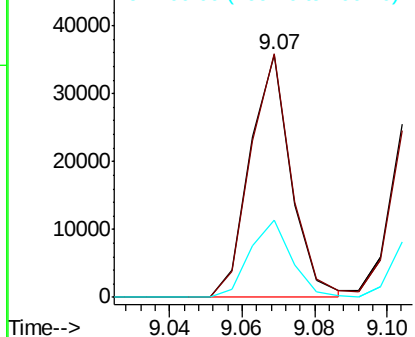
#43
 2,4,6-Trichlorophenol
 Concen: 4.283 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF120623.D
 Acq: 15 Jun 2020 16:35

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 28364
 Ion Ratio Lower Upper
 196 100
 198 100.4 76.2 114.2
 200 32.1 24.6 37.0

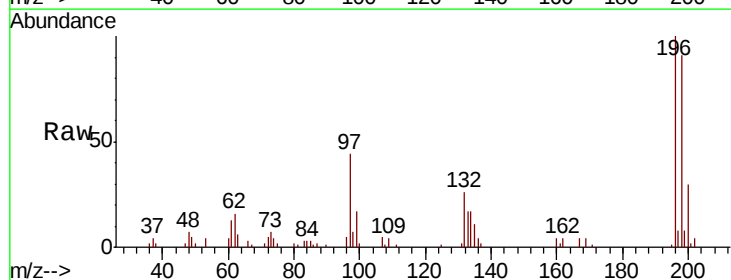


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

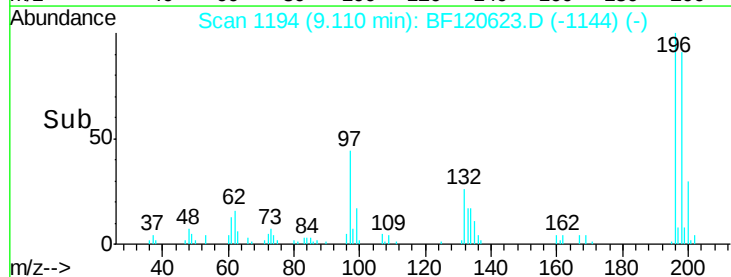
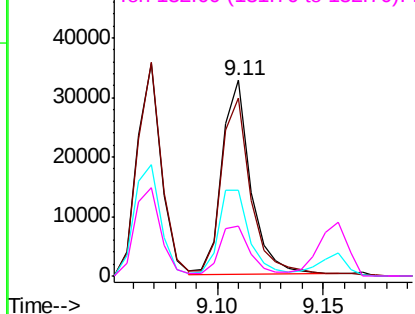


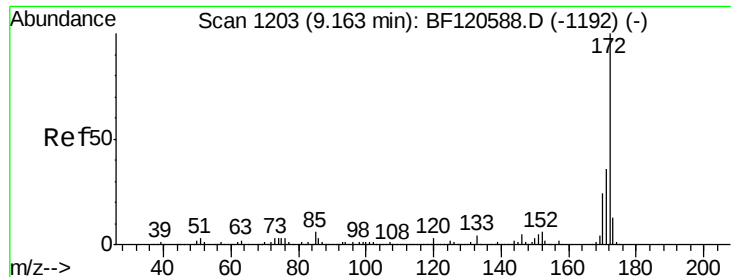
#44
 2,4,5-Trichlorophenol
 Concen: 4.132 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF120623.D
 Acq: 15 Jun 2020 16:35

Tgt Ion:196 Resp: 31047
 Ion Ratio Lower Upper
 196 100
 198 90.9 75.5 113.3
 97 43.8 34.4 51.6
 132 25.6 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

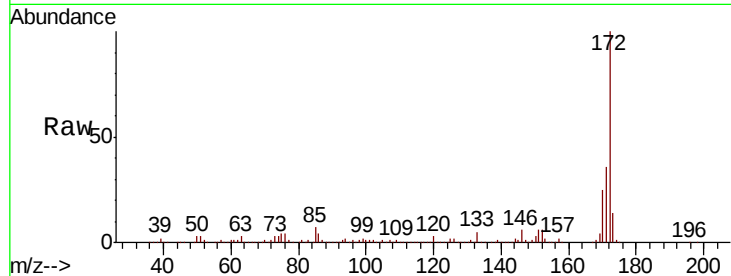




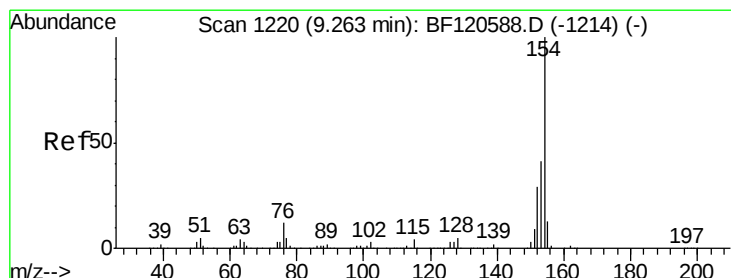
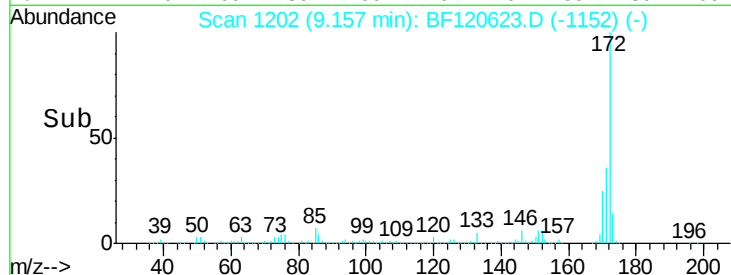
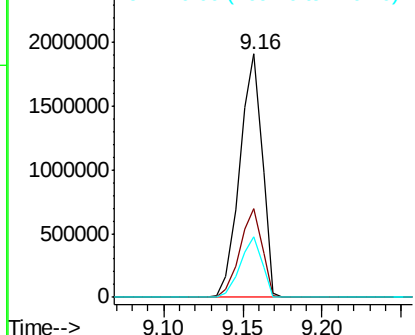
#45
2-Fluorobiphenyl
Concen: 91.673 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.01 min
Lab File: BF120623.D
Acq: 15 Jun 2020 16:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1873388
Ion Ratio Lower Upper
172 100
171 36.5 29.0 43.4
170 25.0 19.4 29.2

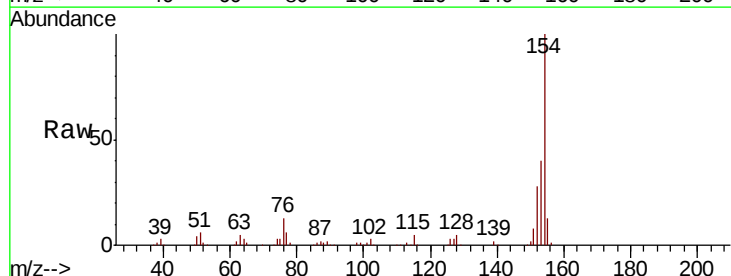


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

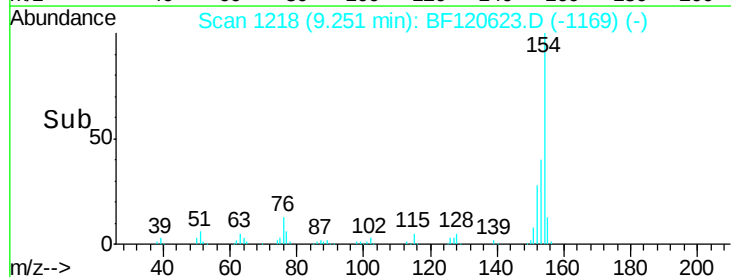
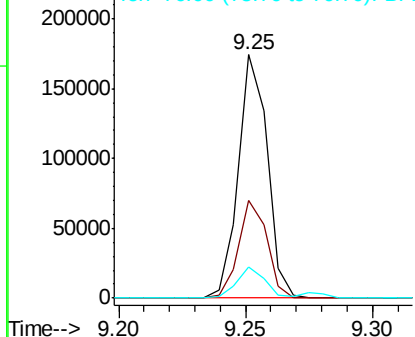


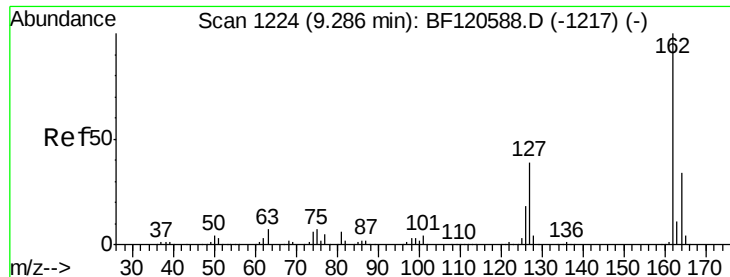
#46
1,1'-Biphenyl
Concen: 5.908 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BF120623.D
Acq: 15 Jun 2020 16:35

Tgt Ion:154 Resp: 137937
Ion Ratio Lower Upper
154 100
153 40.2 21.4 61.4
76 13.0 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

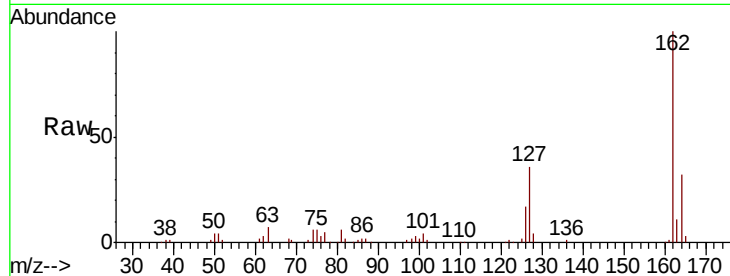




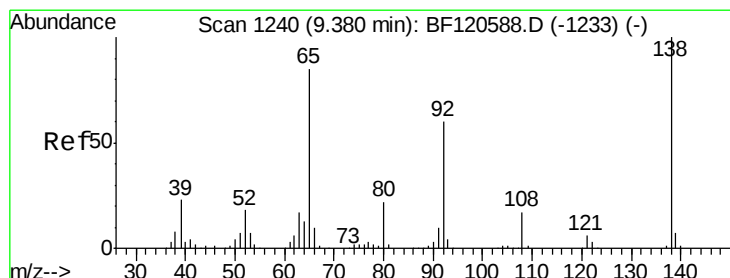
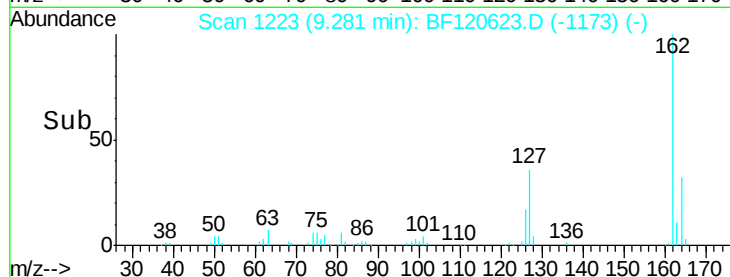
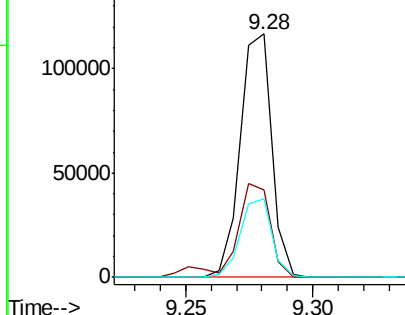
#47
 2-Chloronaphthalene
 Concen: 5.300 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. -0.01 min
 Lab File: BF120623.D
 Acq: 15 Jun 2020 16:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 101187
 Ion Ratio Lower Upper
 162 100
 127 36.1 31.3 46.9
 164 32.0 26.9 40.3

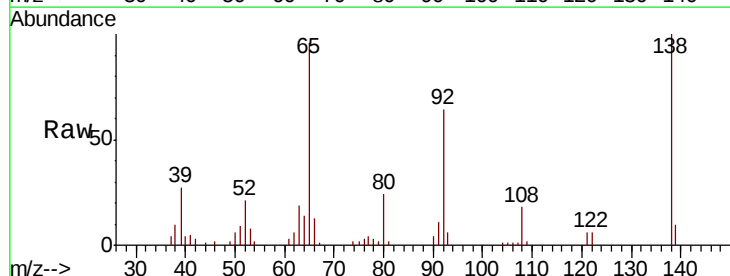


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

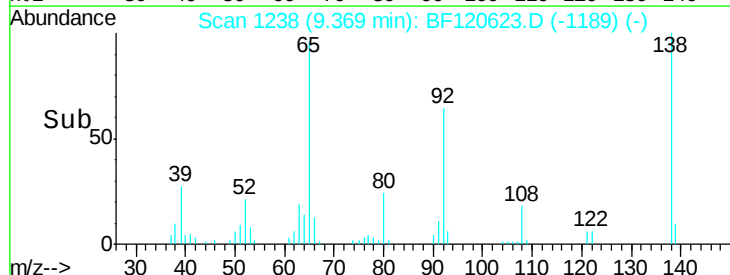
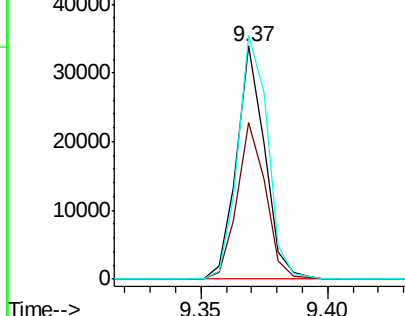


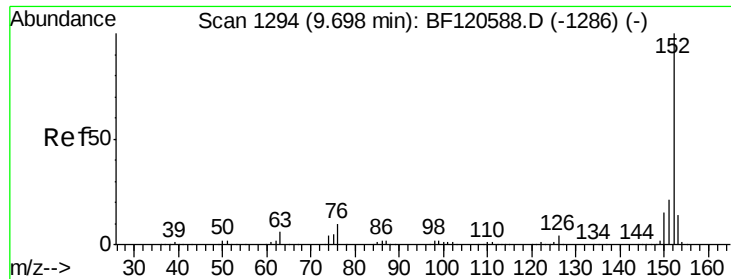
#48
 2-Nitroaniline
 Concen: 4.356 ng
 RT: 9.37 min Scan# 1238
 Delta R.T. -0.01 min
 Lab File: BF120623.D
 Acq: 15 Jun 2020 16:35

Tgt Ion: 65 Resp: 26117
 Ion Ratio Lower Upper
 65 100
 92 67.0 56.0 84.0
 138 104.6 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: 5.397 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BF120623.D

Acq: 15 Jun 2020 16:35

Instrument :

BNA_F

ClientSampled :

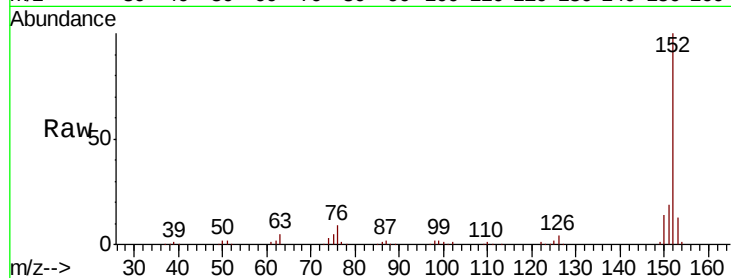
Tot Ion:152 Resp: 159010

Ion Ratio Lower Upper

152 100

151 19.2 16.6 25.0

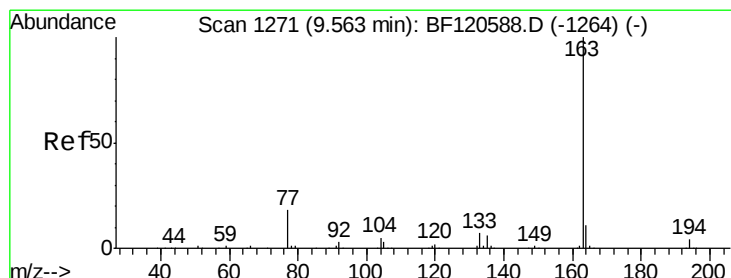
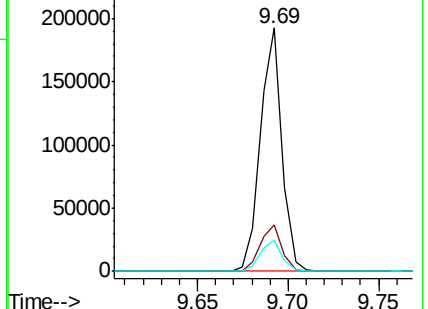
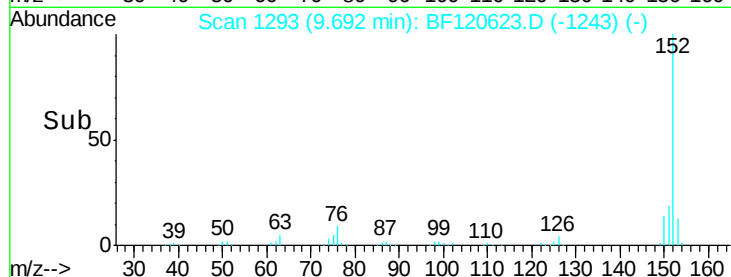
153 12.6 11.0 16.6



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: 5.041 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.02 min

Lab File: BF120623.D

Acq: 15 Jun 2020 16:35

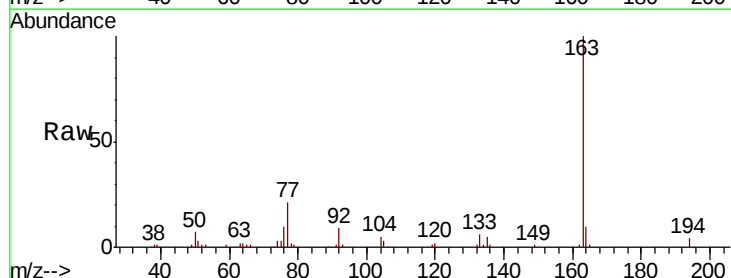
Tgt Ion:163 Resp: 113512

Ion Ratio Lower Upper

163 100

194 3.7 3.1 4.7

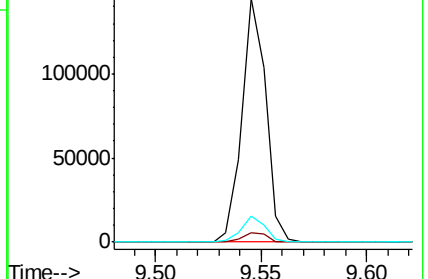
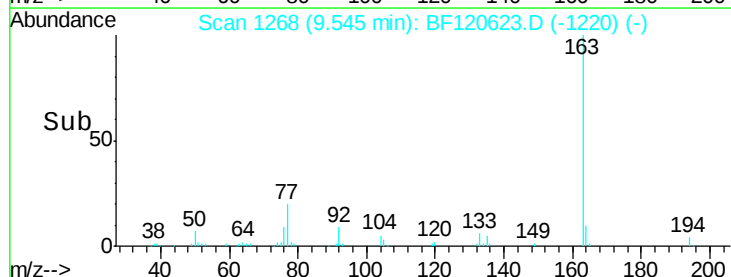
164 10.5 8.5 12.7



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

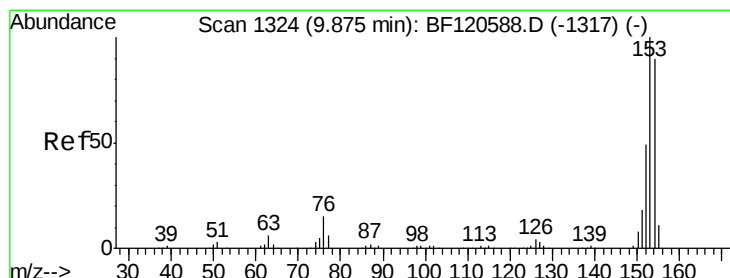
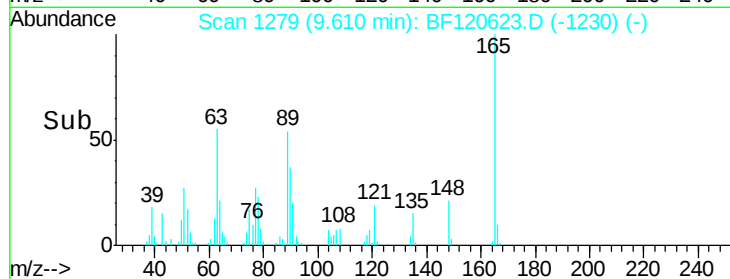
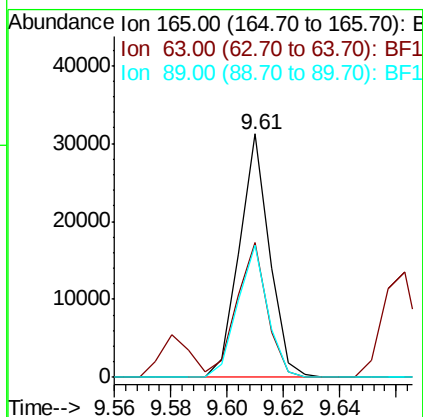
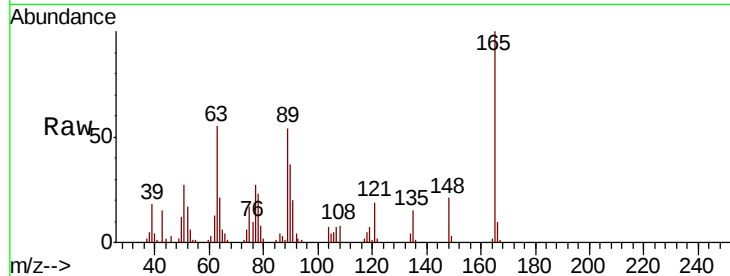




#51
2,6-Dinitrotoluene
Concen: 4.537 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BF120623.D
Acq: 15 Jun 2020 16:35

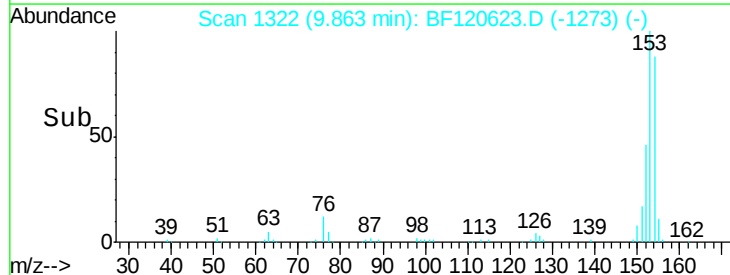
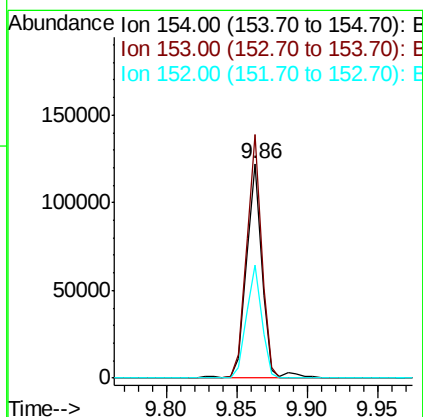
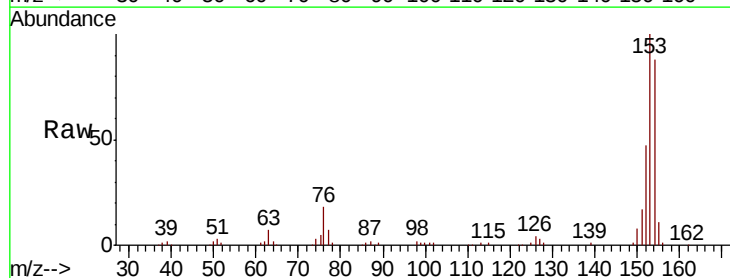
Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 23155
Ion Ratio Lower Upper
165 100
63 55.2 41.7 62.5
89 54.4 42.6 64.0



#52
Acenaphthene
Concen: 5.420 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF120623.D
Acq: 15 Jun 2020 16:35

Tgt Ion:154 Resp: 95246
Ion Ratio Lower Upper
154 100
153 113.3 89.1 133.7
152 52.9 43.7 65.5

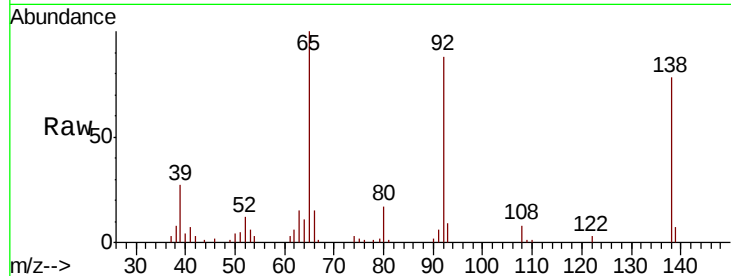




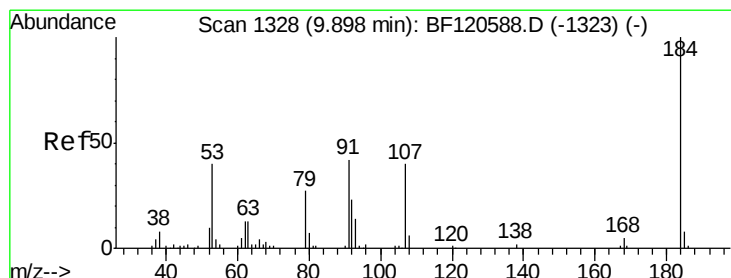
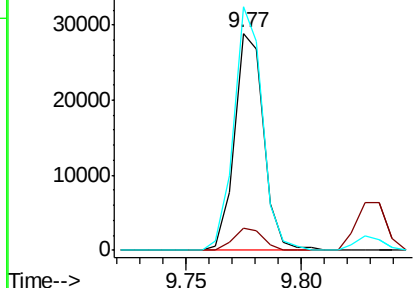
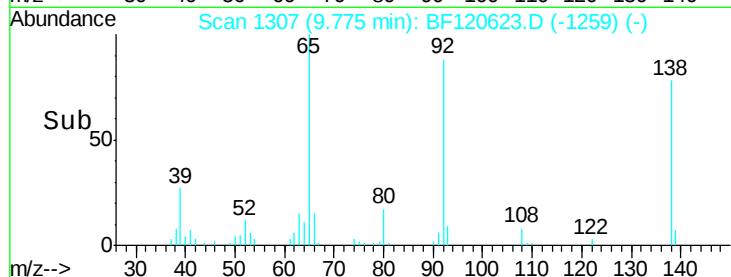
#53
 3-Nitroaniline
 Concen: 4.148 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. -0.02 min
 Lab File: BF120623.D
 Acq: 15 Jun 2020 16:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:138 Resp: 25423
 Ion Ratio Lower Upper
 138 100
 108 10.5 8.0 12.0
 92 112.3 86.0 129.0

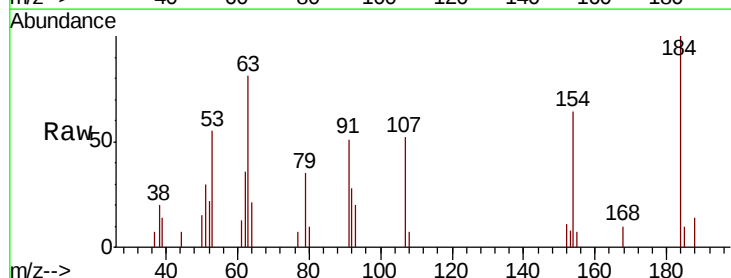


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

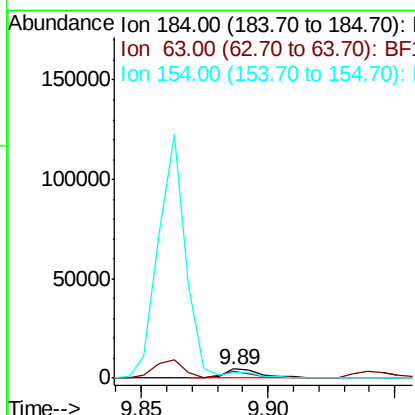
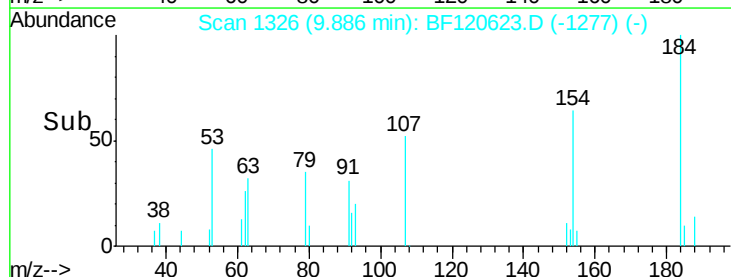


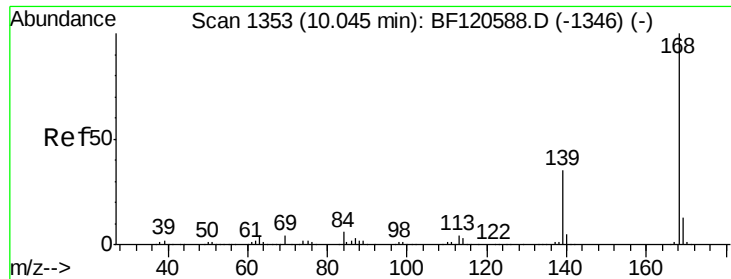
#54
 2,4-Dinitrophenol
 Concen: 1.782 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.01 min
 Lab File: BF120623.D
 Acq: 15 Jun 2020 16:35

Tgt Ion:184 Resp: 4876
 Ion Ratio Lower Upper
 184 100
 63 81.4 44.2 66.2#
 154 64.3 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

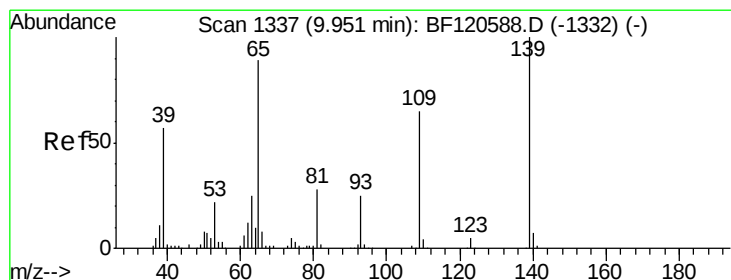
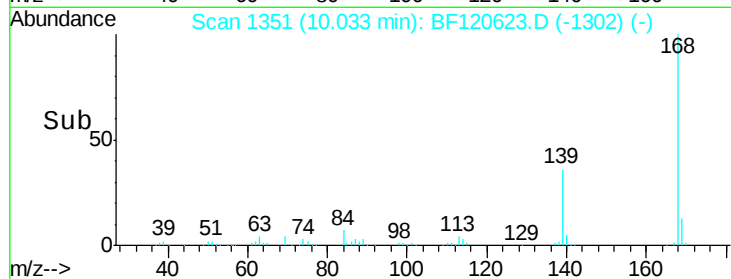
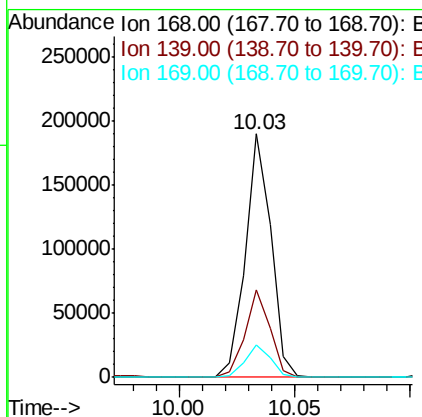
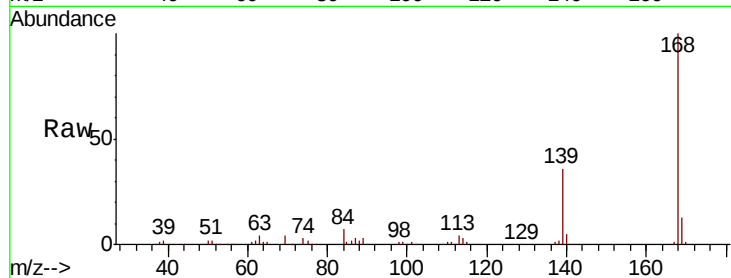




#55
Dibenzenofuran
Concen: 5.461 ng
RT: 10.03 min Scan# 1351
Delta R.T. -0.01 min
Lab File: BF120623.D
Acq: 15 Jun 2020 16:35

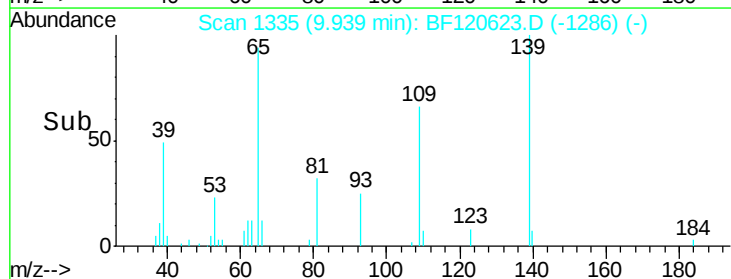
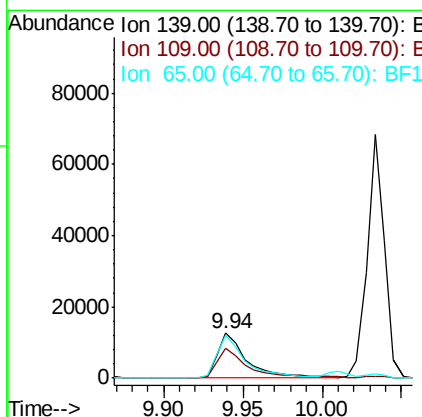
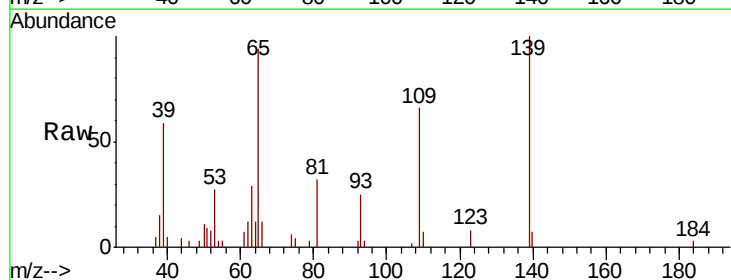
Instrument :
BNA_F
ClientSampleId :

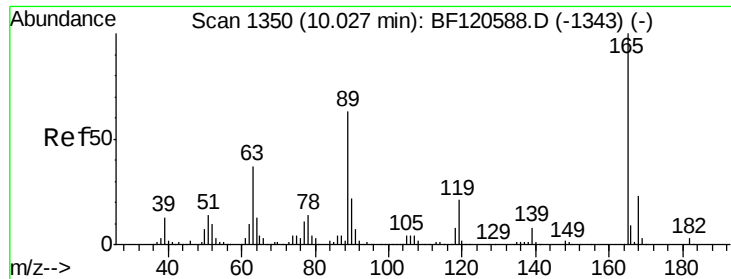
Tot Ion	Ratio	Lower	Upper
168	100		
139	36.0	28.1	42.1
169	13.3	10.6	16.0



#56
4-Nitrophenol
Concen: 3.500 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF120623.D
Acq: 15 Jun 2020 16:35

Tgt Ion	Ratio	Lower	Upper
139	100		
109	65.7	44.6	84.6
65	94.1	69.2	109.2

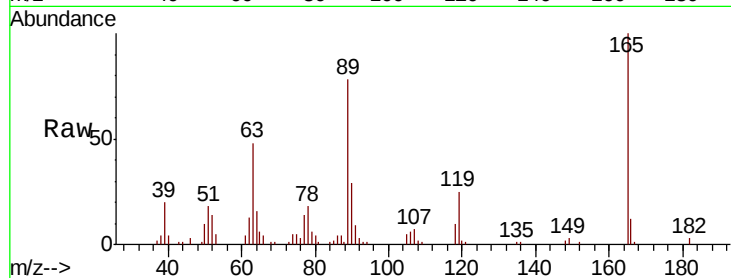




#57
2,4-Dinitrotoluene
Concen: 4.265 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.02 min
Lab File: BF120623.D
Acq: 15 Jun 2020 16:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	48.0	29.8	44.8#
89	78.3	50.4	75.6#
182	2.6	2.1	3.1



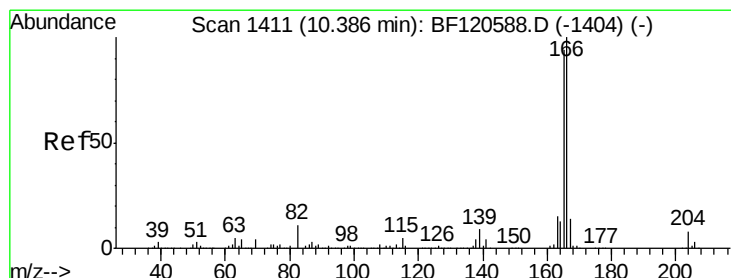
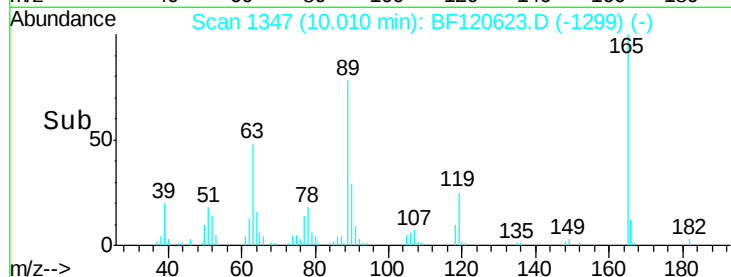
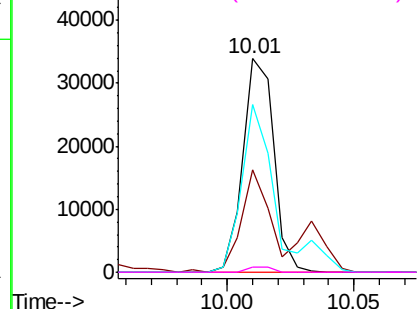
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

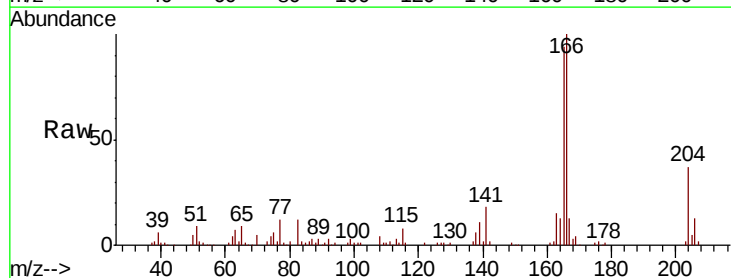
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 5.428 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.01 min
Lab File: BF120623.D
Acq: 15 Jun 2020 16:35

Tgt Ion	Ratio	Lower	Upper
166	100		
165	94.0	75.0	112.6
167	12.9	11.0	16.4

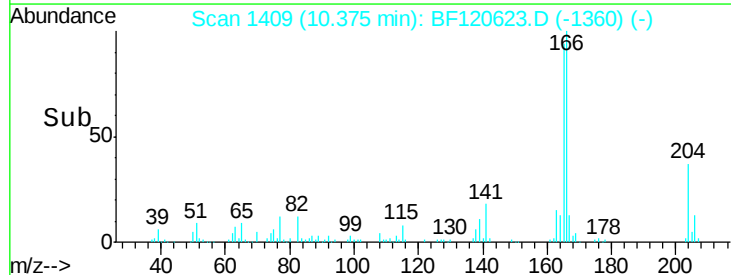
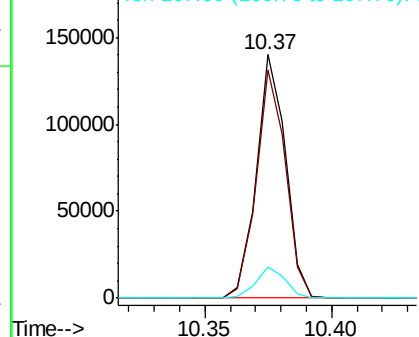


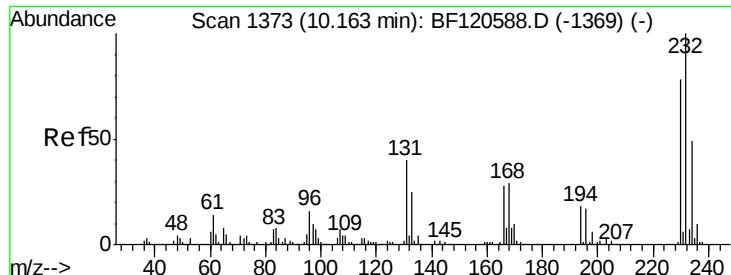
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

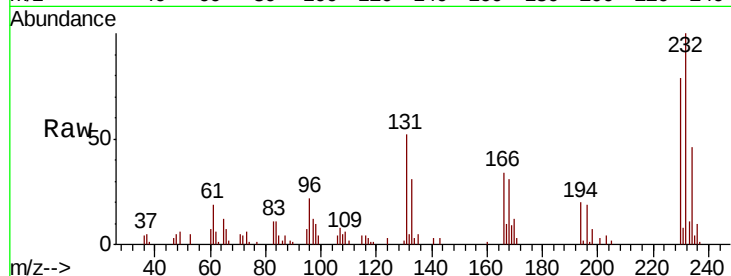




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 4.503 ng
 RT: 10.15 min Scan# 1371
 Delta R.T. -0.01 min
 Lab File: BF120623.D
 Acq: 15 Jun 2020 16:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	44.3	33.5	50.3
130	1.8	1.5	2.3
166	28.6	23.4	35.0



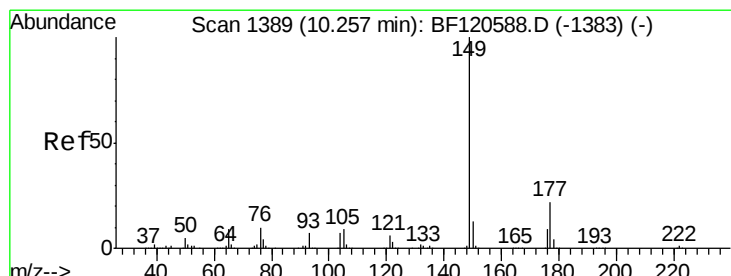
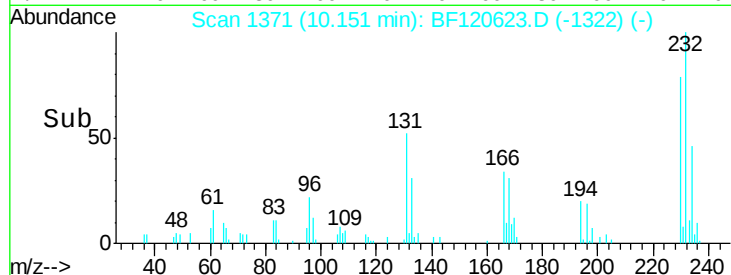
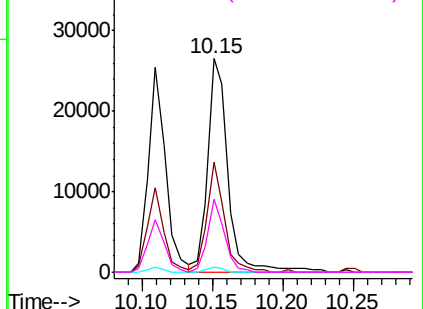
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

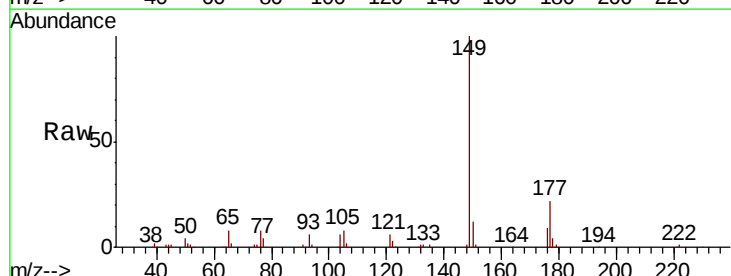
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 5.064 ng
 RT: 10.25 min Scan# 1388
 Delta R.T. -0.01 min
 Lab File: BF120623.D
 Acq: 15 Jun 2020 16:35

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.2	17.3	25.9
150	12.0	10.3	15.5

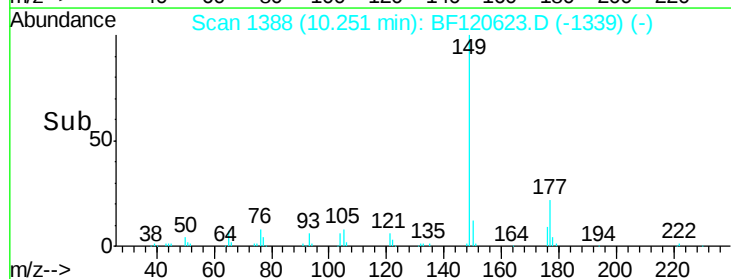
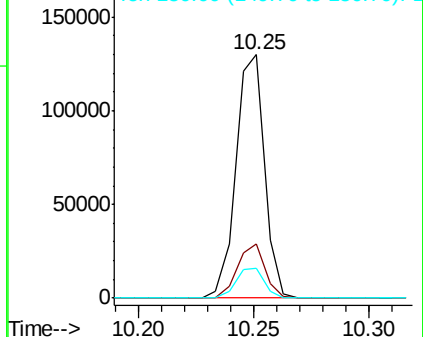


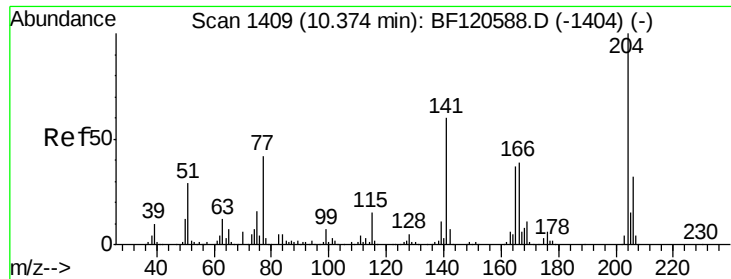
Abundance

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

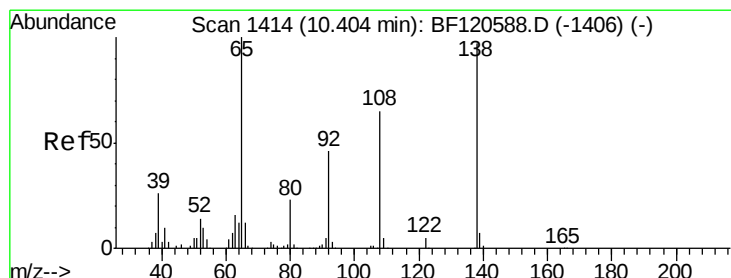
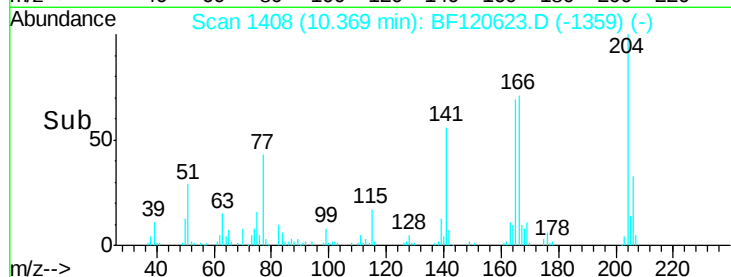
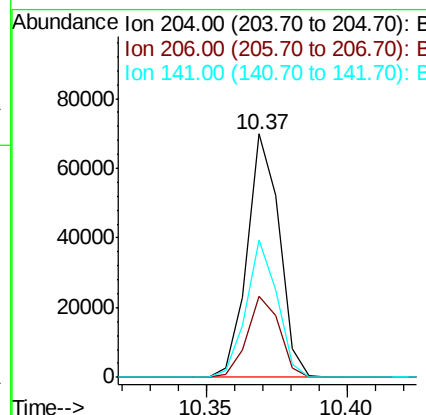
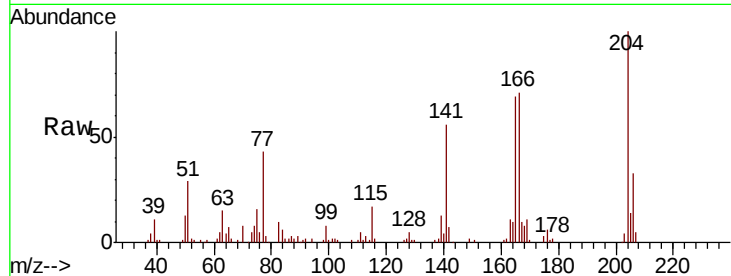




#61
4-Chlorophenyl-phenylether
Concen: 5.170 ng
RT: 10.37 min Scan# 1408
Delta R.T. -0.01 min
Lab File: BF120623.D
Acq: 15 Jun 2020 16:35

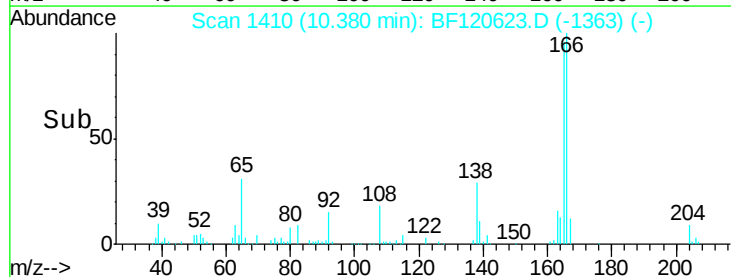
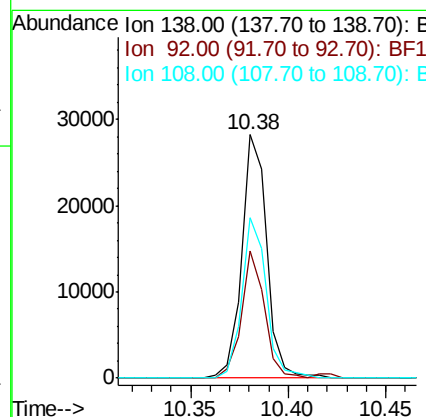
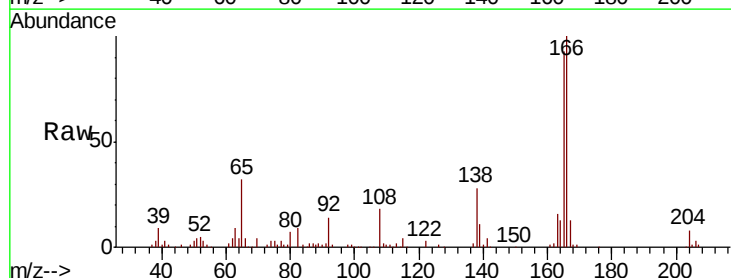
Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 55452
Ion Ratio Lower Upper
204 100
206 33.2 25.9 38.9
141 56.5 47.6 71.4



#62
4-Nitroaniline
Concen: 4.122 ng
RT: 10.38 min Scan# 1410
Delta R.T. -0.02 min
Lab File: BF120623.D
Acq: 15 Jun 2020 16:35

Tgt Ion:138 Resp: 25085
Ion Ratio Lower Upper
138 100
92 52.3 27.3 67.3
108 66.0 47.4 87.4





#63

Azobenzene

Concen: 5.280 ng

RT: 10.53 min Scan# 1435

Delta R.T. -0.01 min

Lab File: BF120623.D

Acq: 15 Jun 2020 16:35

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 106302

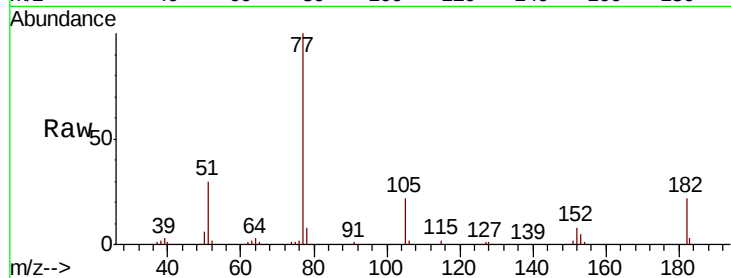
Ion Ratio Lower Upper

77 100

182 22.3 7.7 47.7

105 22.5 3.2 43.2

51 30.2 8.5 48.5

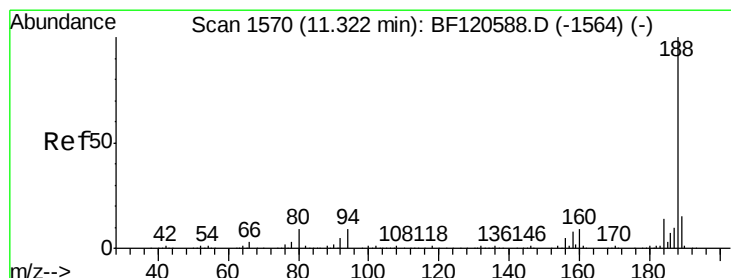
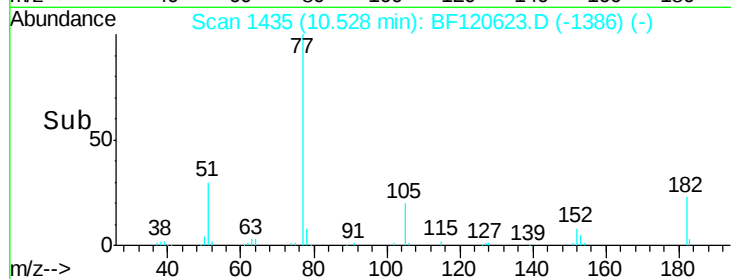
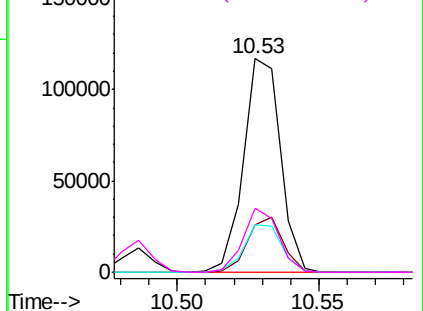


Abundance Ion 77.00 (76.70 to 77.70): BF1

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# 1569

Delta R.T. -0.01 min

Lab File: BF120623.D

Acq: 15 Jun 2020 16:35

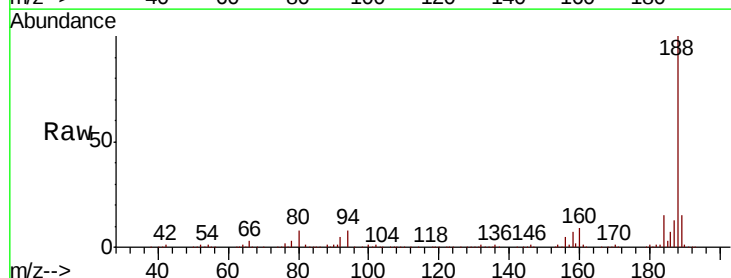
Tgt Ion: 188 Resp: 600798

Ion Ratio Lower Upper

188 100

94 8.2 7.2 10.8

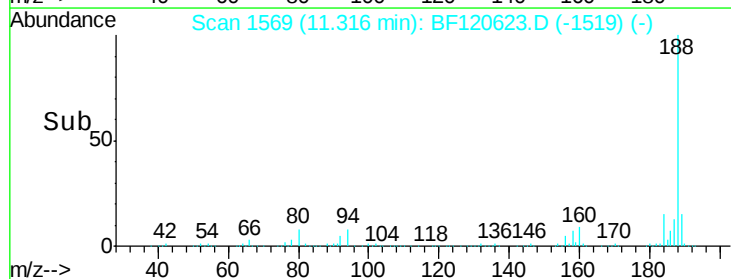
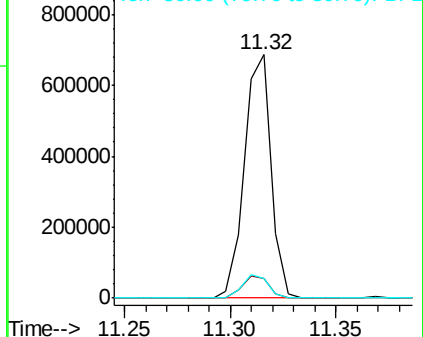
80 8.3 7.4 11.2

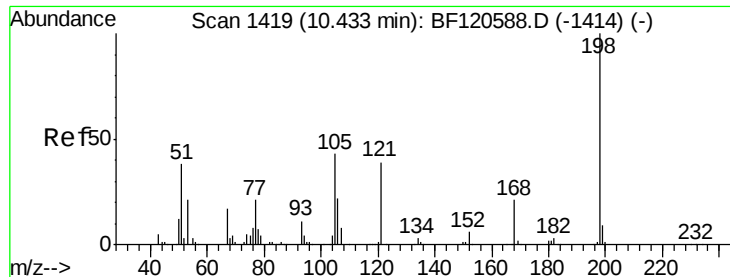


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

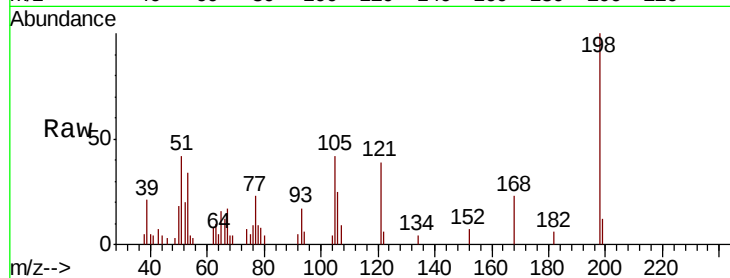




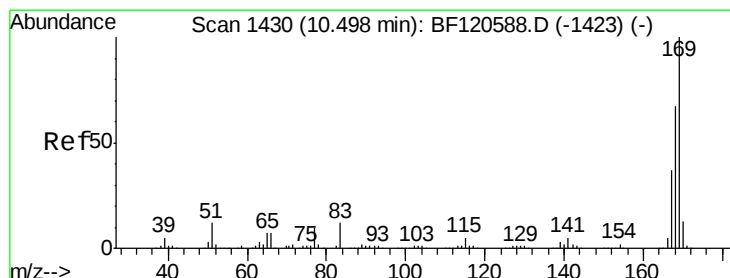
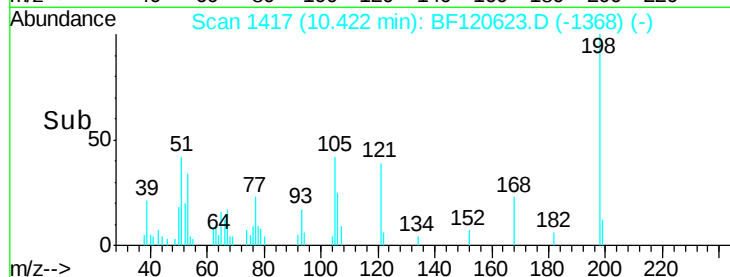
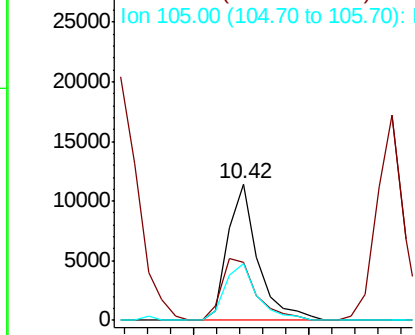
#65
 4,6-Dinitro-2-methylphenol
 Concen: 2.870 ng
 RT: 10.42 min Scan# 1417
 Delta R.T. -0.01 min
 Lab File: BF120623.D
 Acq: 15 Jun 2020 16:35

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:198 Resp: 10346
 Ion Ratio Lower Upper
 198 100
 51 42.4 24.8 64.8
 105 41.6 23.9 63.9

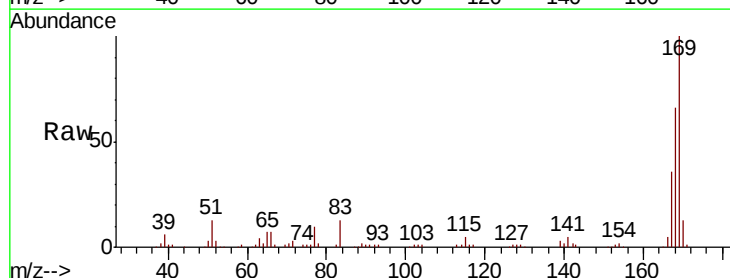


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

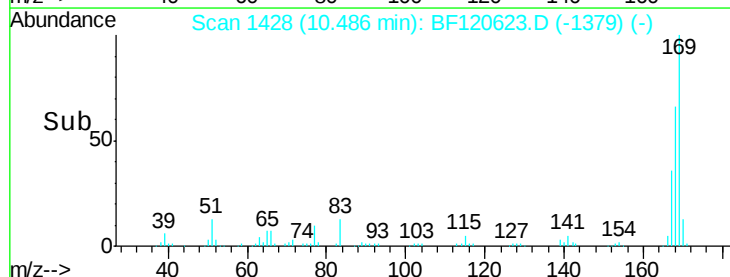
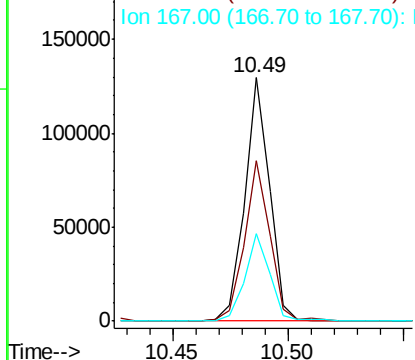


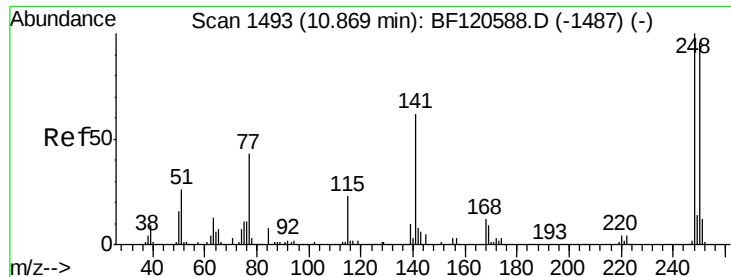
#66
 n-Nitrosodiphenylamine
 Concen: 5.265 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. -0.01 min
 Lab File: BF120623.D
 Acq: 15 Jun 2020 16:35

Tgt Ion:169 Resp: 97141
 Ion Ratio Lower Upper
 169 100
 168 65.8 53.7 80.5
 167 36.2 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

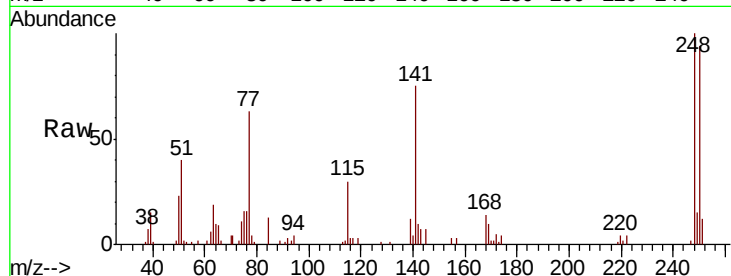




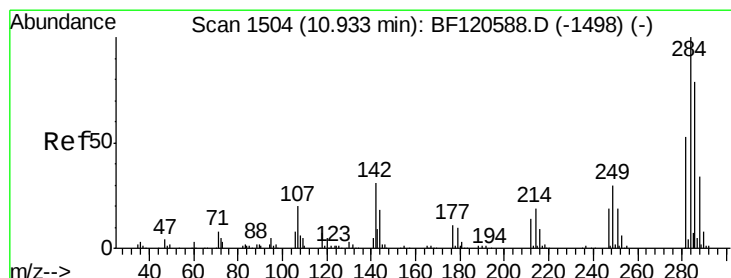
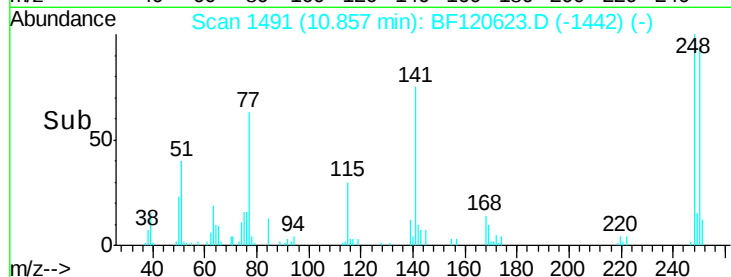
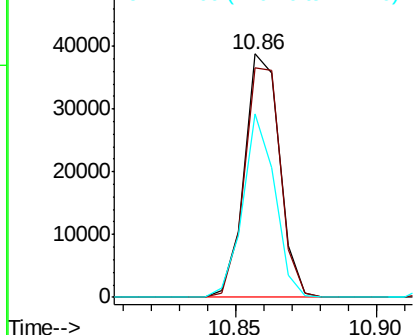
#67
 4-Bromophenyl-phenylether
 Concen: 4.907 ng
 RT: 10.86 min Scan# 1491
 Delta R.T. -0.01 min
 Lab File: BF120623.D
 Acq: 15 Jun 2020 16:35

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 33461
 Ion Ratio Lower Upper
 248 100
 250 94.2 76.7 115.1
 141 75.1 49.4 74.0#

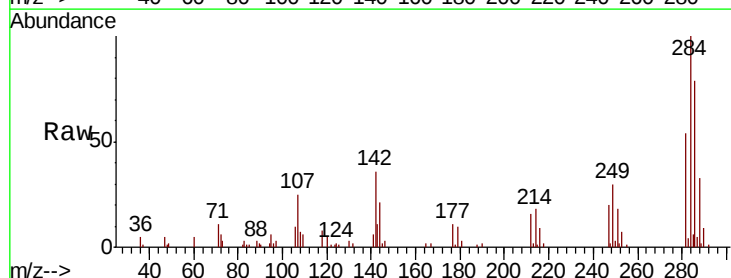


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

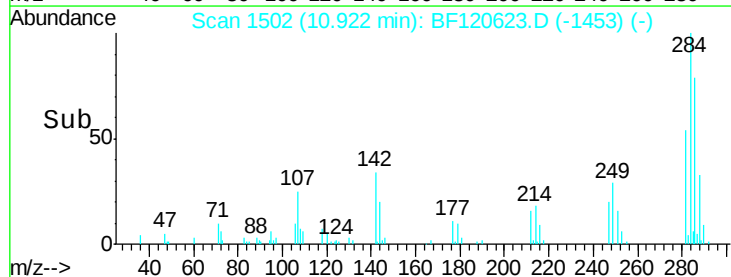
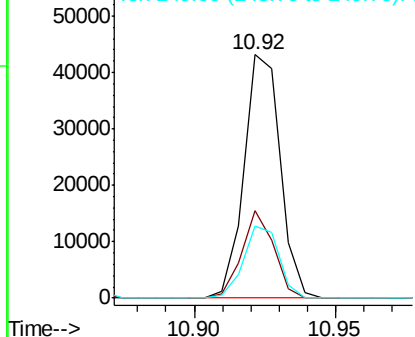


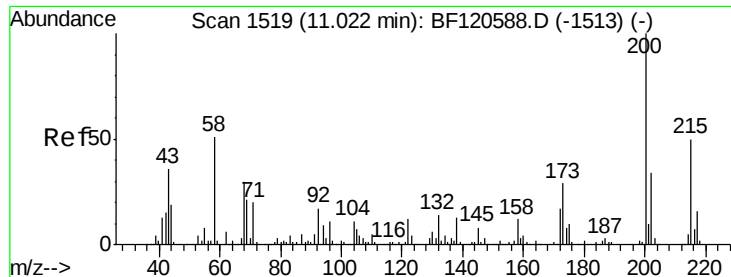
#68
 Hexachlorobenzene
 Concen: 5.236 ng
 RT: 10.92 min Scan# 1502
 Delta R.T. -0.01 min
 Lab File: BF120623.D
 Acq: 15 Jun 2020 16:35

Tgt Ion:284 Resp: 38384
 Ion Ratio Lower Upper
 284 100
 142 35.7 25.1 37.7
 249 29.5 24.0 36.0



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

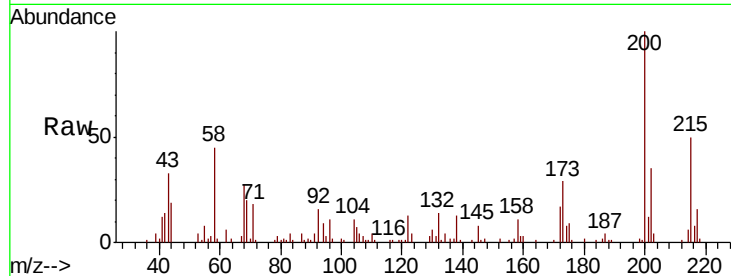




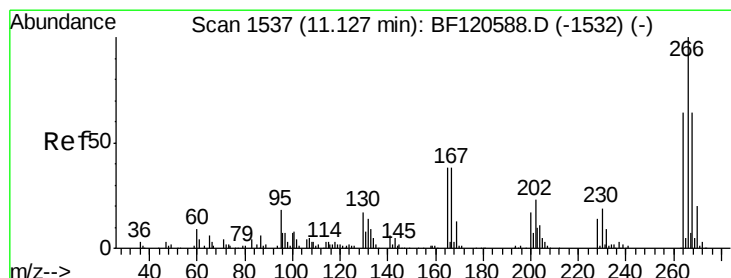
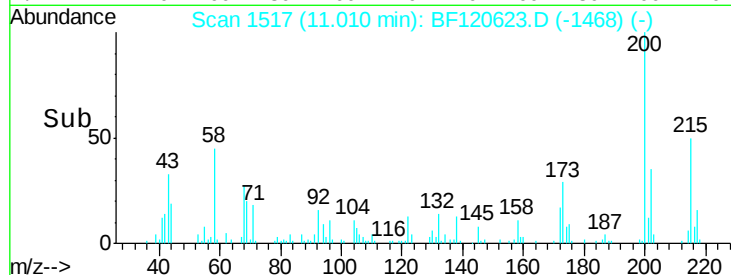
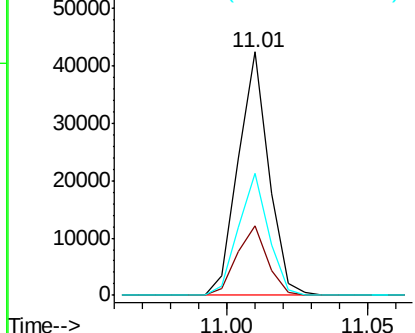
#69
Atrazine
Concen: 5.570 ng
RT: 11.01 min Scan# 1517
Delta R.T. -0.01 min
Lab File: BF120623.D
Acq: 15 Jun 2020 16:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:200 Resp: 31803
Ion Ratio Lower Upper
200 100
173 28.8 9.1 49.1
215 50.2 29.8 69.8

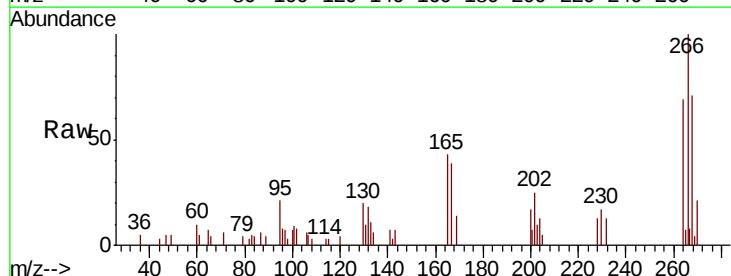


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

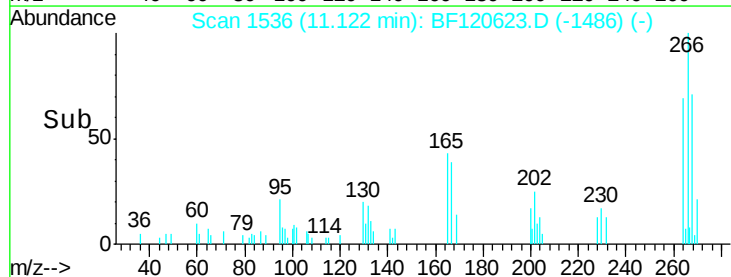
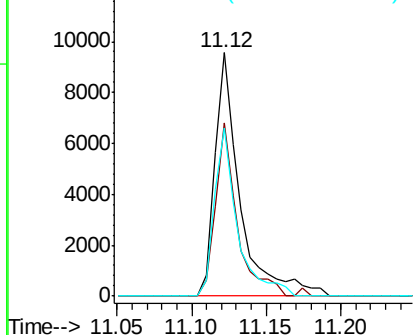


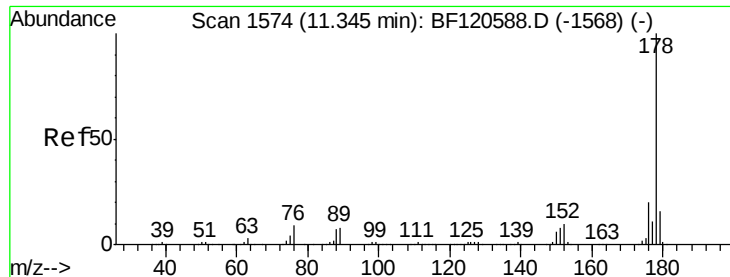
#70
Pentachlorophenol
Concen: 2.763 ng
RT: 11.12 min Scan# 1536
Delta R.T. -0.01 min
Lab File: BF120623.D
Acq: 15 Jun 2020 16:35

Tgt Ion:266 Resp: 11260
Ion Ratio Lower Upper
266 100
268 71.1 51.4 77.0
264 68.9 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

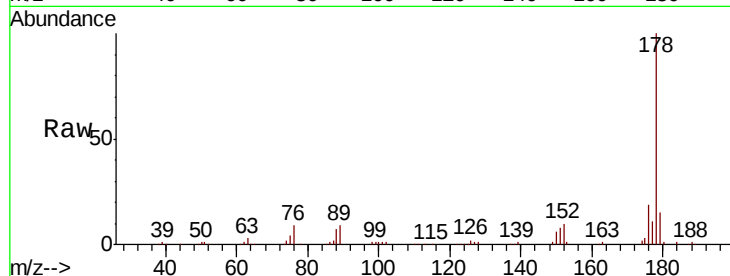




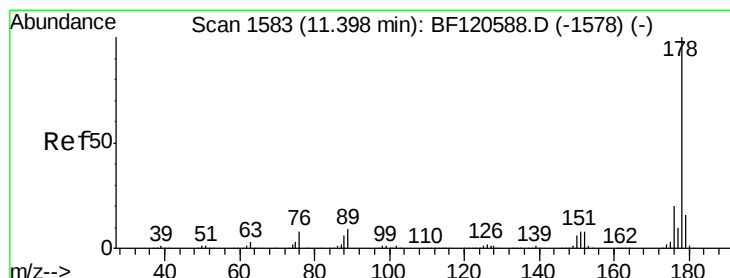
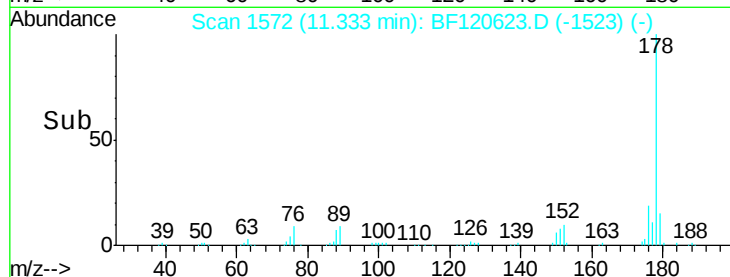
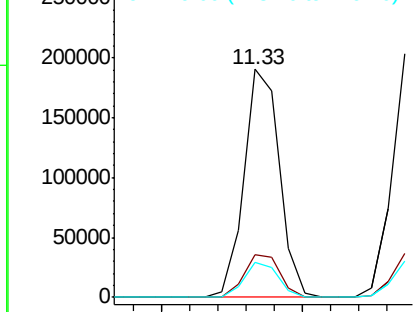
#71
 Phenanthrene
 Concen: 5.539 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. -0.01 min
 Lab File: BF120623.D
 Acq: 15 Jun 2020 16:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 165439
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.9 23.9
 179 15.4 12.8 19.2

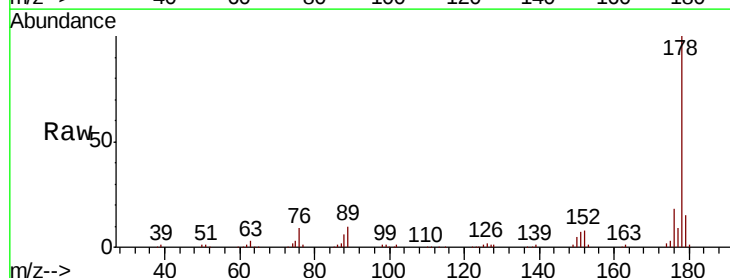


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

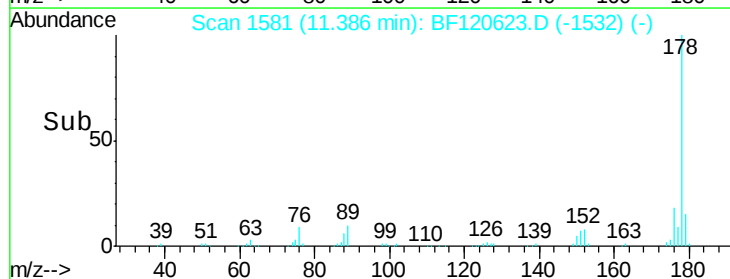
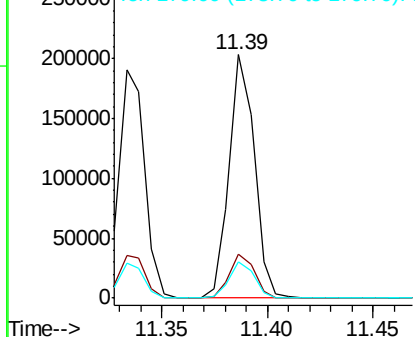


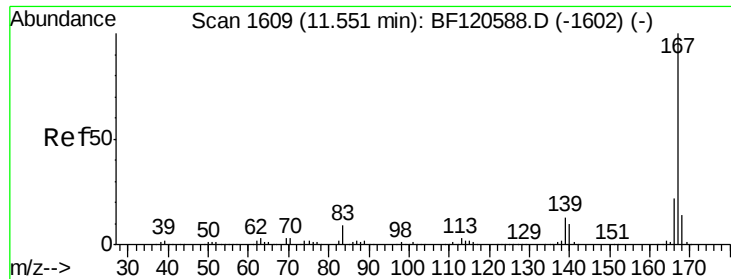
#72
 Anthracene
 Concen: 5.576 ng
 RT: 11.39 min Scan# 1581
 Delta R.T. -0.01 min
 Lab File: BF120623.D
 Acq: 15 Jun 2020 16:35

Tgt Ion:178 Resp: 167851
 Ion Ratio Lower Upper
 178 100
 176 18.3 15.6 23.4
 179 15.0 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

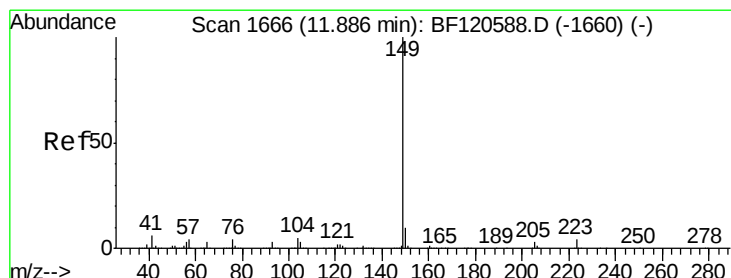
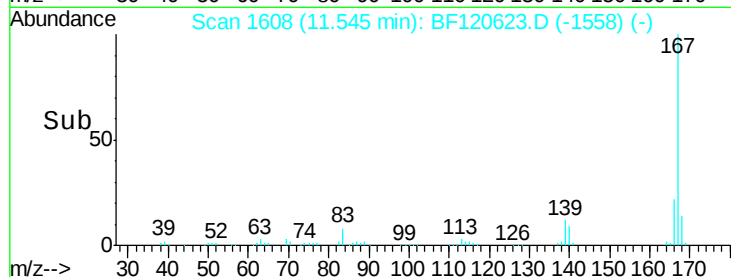
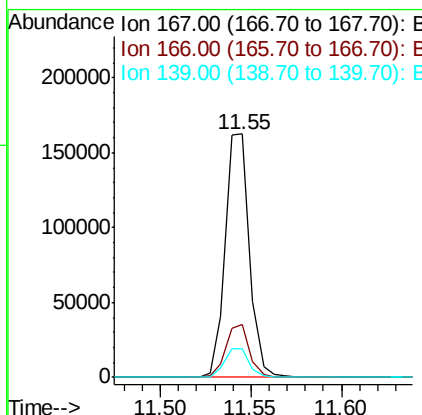
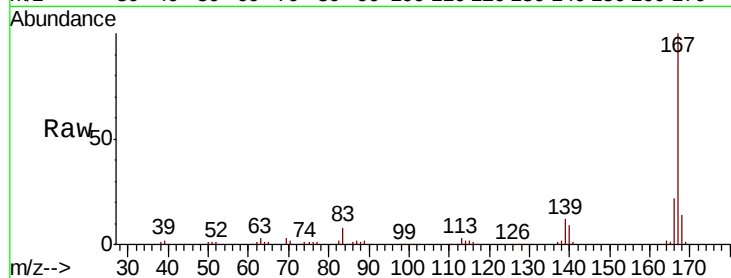




#73
 Carbazole
 Concen: 5.094 ng
 RT: 11.55 min Scan# 1608
 Delta R.T. -0.01 min
 Lab File: BF120623.D
 Acq: 15 Jun 2020 16:35

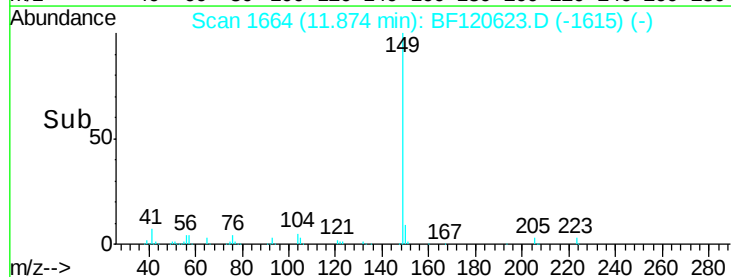
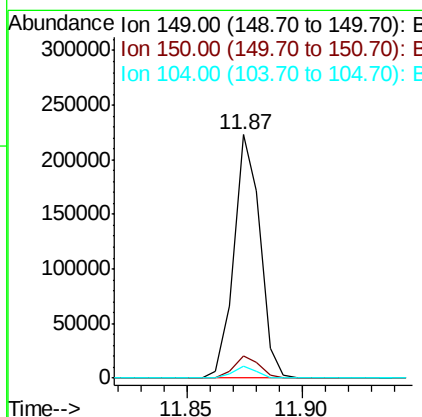
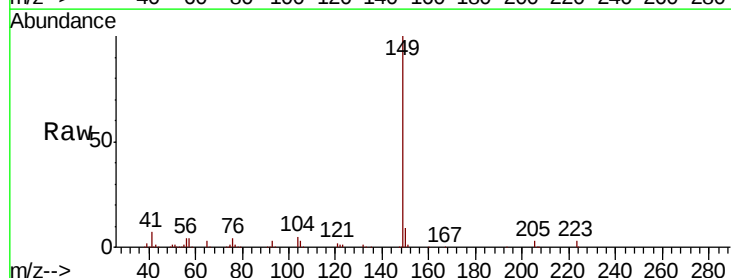
Instrument :
 BNA_F
 ClientSampleId :

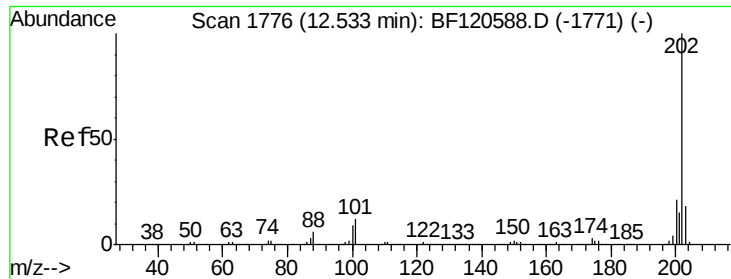
Tot Ion:167 Resp: 151794
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.2 25.8
 139 11.9 10.1 15.1



#74
 Di-n-butylphthalate
 Concen: 5.236 ng
 RT: 11.87 min Scan# 1664
 Delta R.T. -0.01 min
 Lab File: BF120623.D
 Acq: 15 Jun 2020 16:35

Tgt Ion:149 Resp: 175415
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.7 11.5
 104 4.7 3.7 5.5

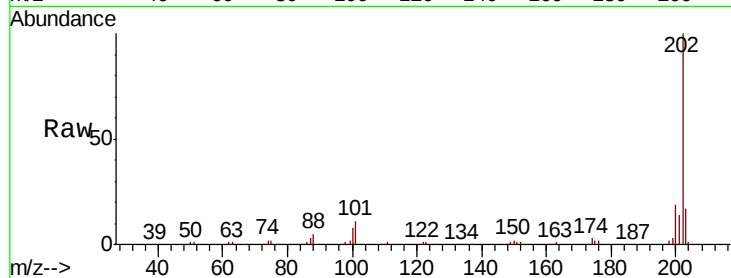




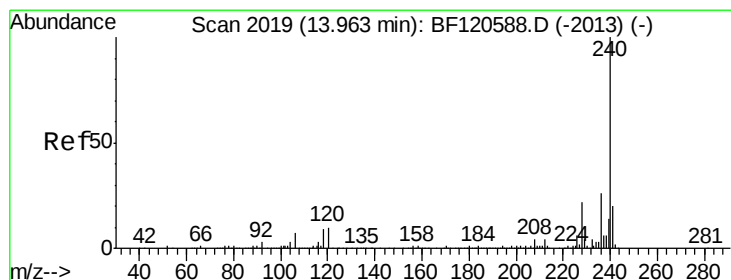
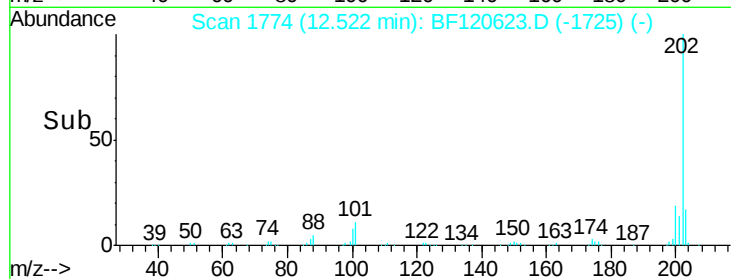
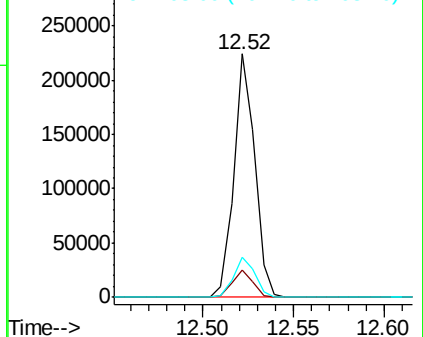
#75
 Fluoranthene
 Concen: 5.285 ng
 RT: 12.52 min Scan# 1774
 Delta R.T. -0.01 min
 Lab File: BF120623.D
 Acq: 15 Jun 2020 16:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	32.0
203	16.7	0.0	38.3

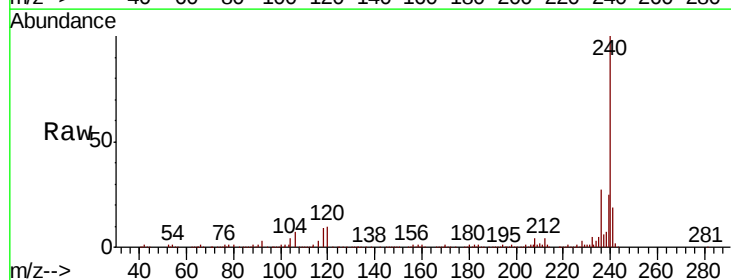


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

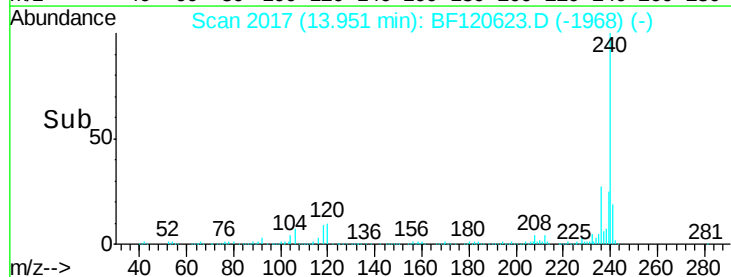
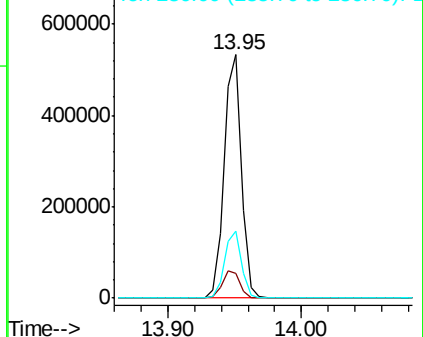


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. -0.01 min
 Lab File: BF120623.D
 Acq: 15 Jun 2020 16:35

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.0	8.3	12.5
236	27.4	21.0	31.4



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





#77

Benzidine

Concen: 5.143 ng

RT: 12.65 min Scan# 1795

Delta R.T. -0.01 min

Lab File: BF120623.D

Acq: 15 Jun 2020 16:35

Instrument :

BNA_F

ClientSampleId :

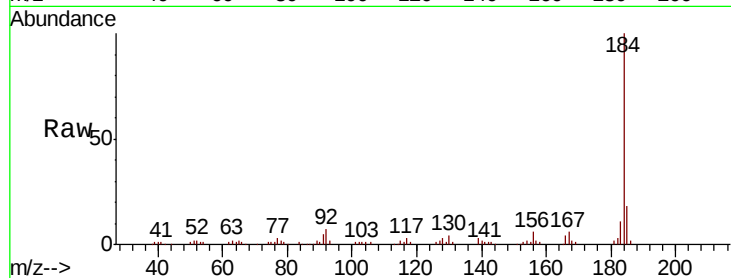
Tot Ion:184 Resp: 84977

Ion Ratio Lower Upper

184 100

185 18.1 11.4 17.0#

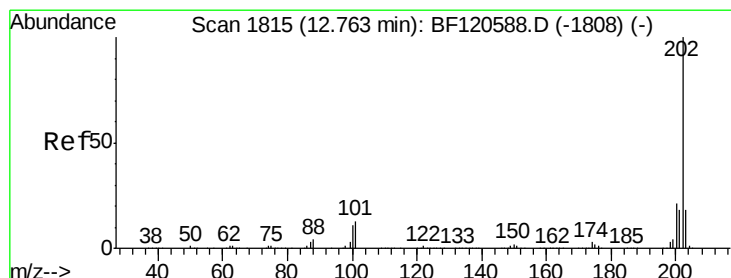
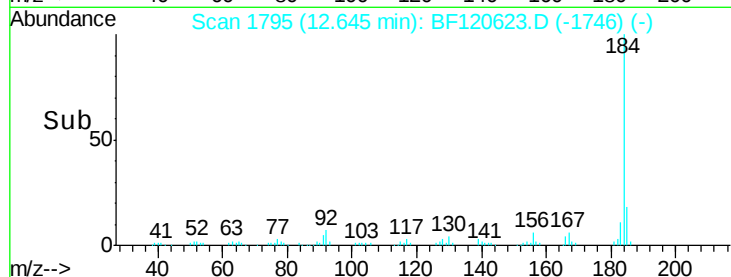
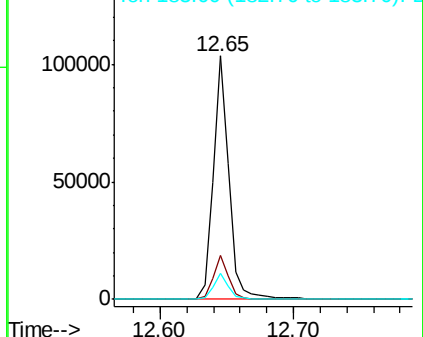
183 10.6 9.0 13.6



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: 5.410 ng

RT: 12.75 min Scan# 1813

Delta R.T. -0.01 min

Lab File: BF120623.D

Acq: 15 Jun 2020 16:35

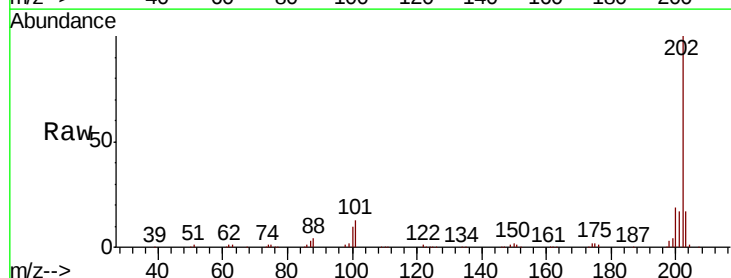
Tgt Ion:202 Resp: 187235

Ion Ratio Lower Upper

202 100

200 19.2 16.8 25.2

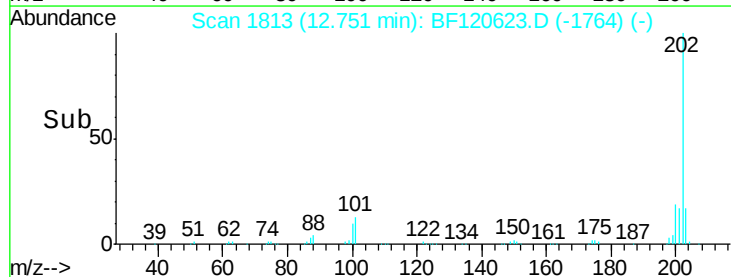
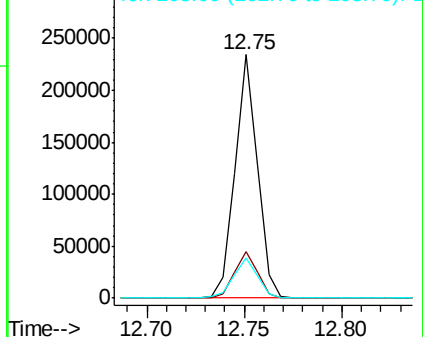
203 16.7 14.3 21.5



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: 96.692 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF120623.D

Acq: 15 Jun 2020 16:35

Instrument :

BNA_F

ClientSampleId :

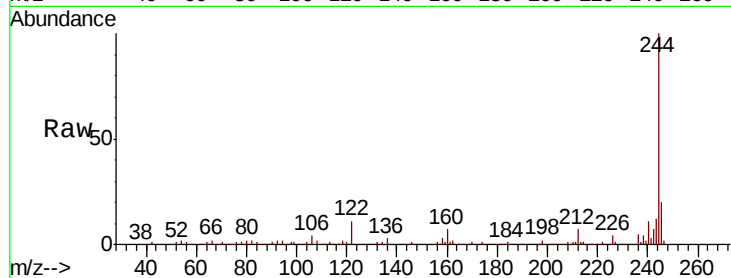
Tot Ion:244 Resp: 2138550

Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

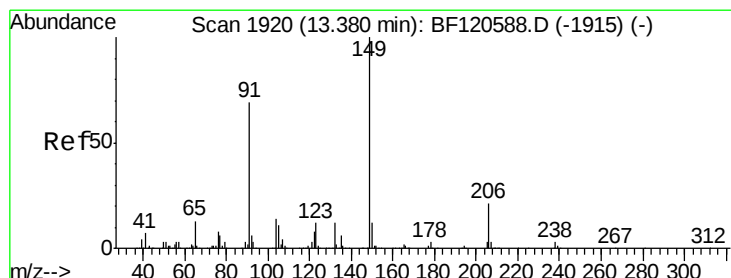
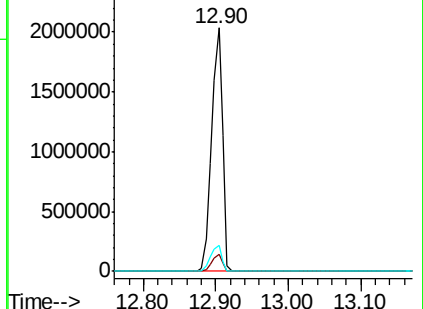
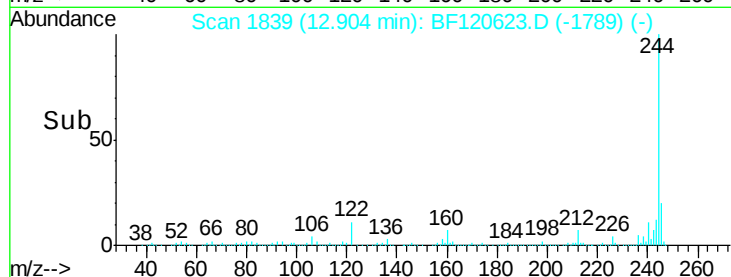
122 10.6 8.3 12.5



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: 4.661 ng

RT: 13.37 min Scan# 1919

Delta R.T. -0.01 min

Lab File: BF120623.D

Acq: 15 Jun 2020 16:35

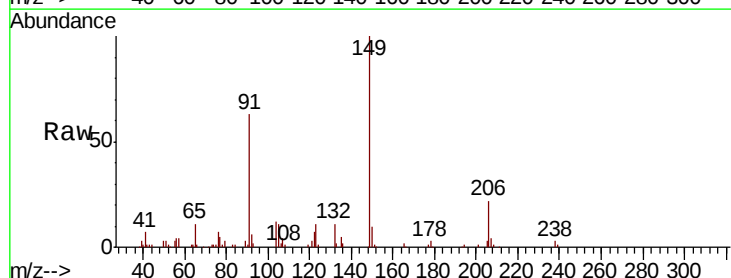
Tgt Ion:149 Resp: 71632

Ion Ratio Lower Upper

149 100

91 62.6 55.4 83.0

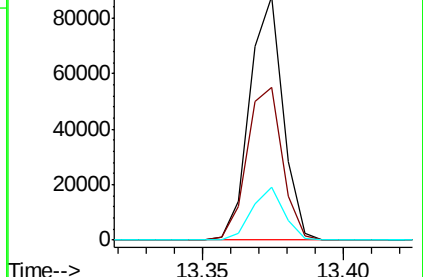
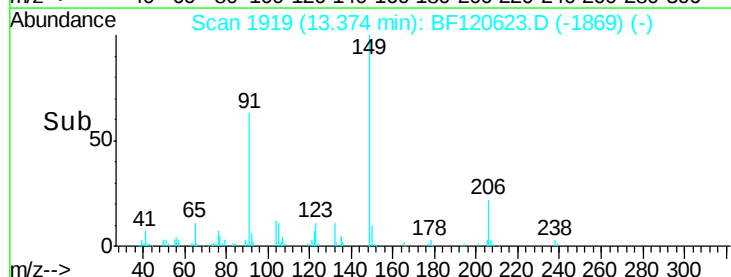
206 21.5 17.0 25.4



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: 5.797 ng

RT: 13.94 min Scan# 2015

Delta R.T. -0.01 min

Lab File: BF120623.D

Acq: 15 Jun 2020 16:35

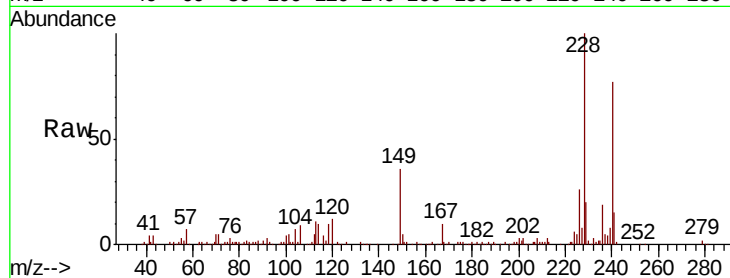
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 170145

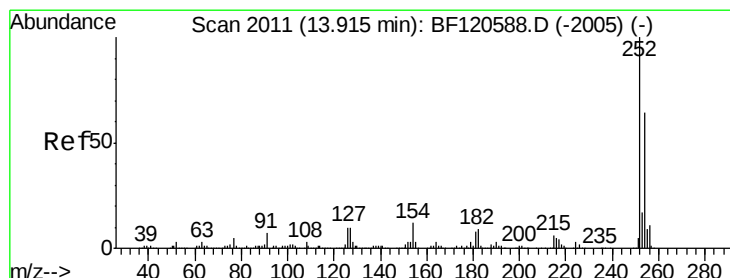
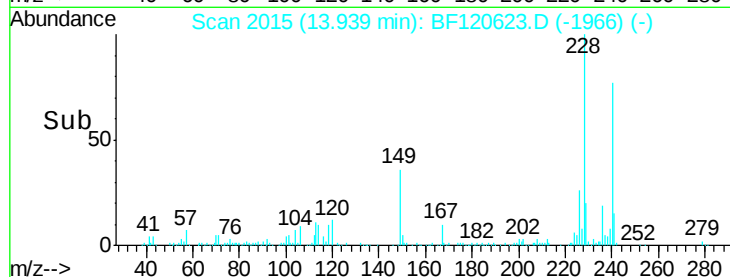
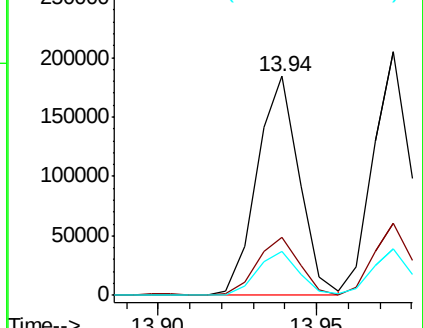
Ion	Ratio	Lower	Upper
228	100		
226	26.3	22.5	33.7
229	19.8	16.1	24.1



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: 5.658 ng

RT: 13.90 min Scan# 2009

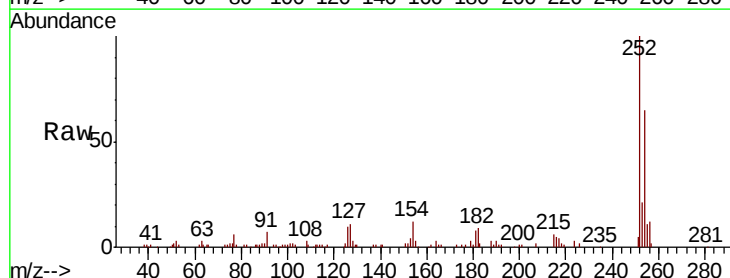
Delta R.T. -0.01 min

Lab File: BF120623.D

Acq: 15 Jun 2020 16:35

Tgt Ion:252 Resp: 63431

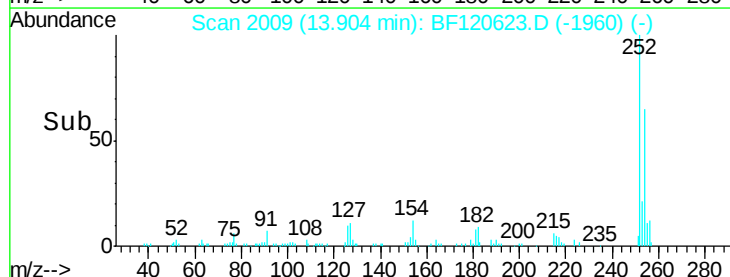
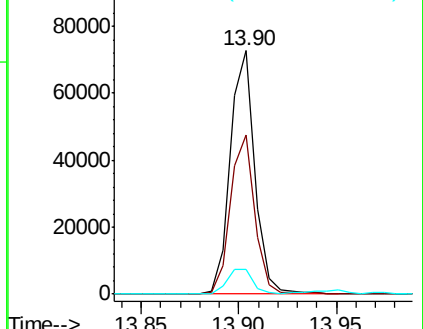
Ion	Ratio	Lower	Upper
252	100		
254	65.2	51.4	77.2
126	10.1	7.9	11.9

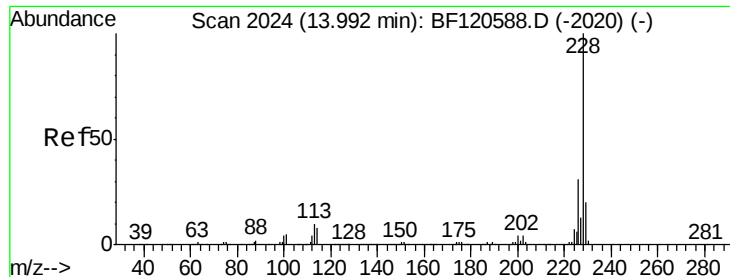


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

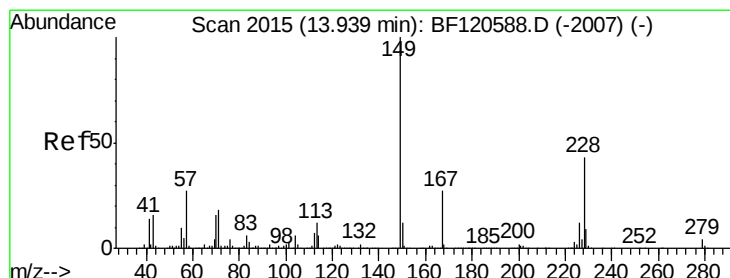
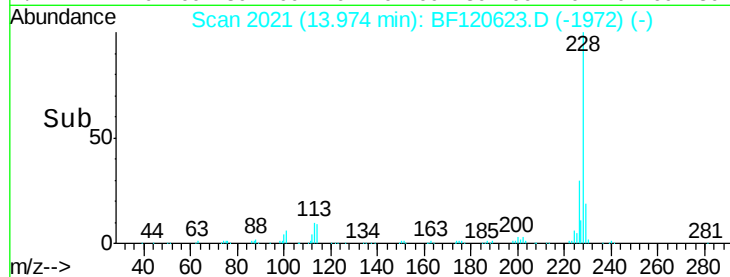
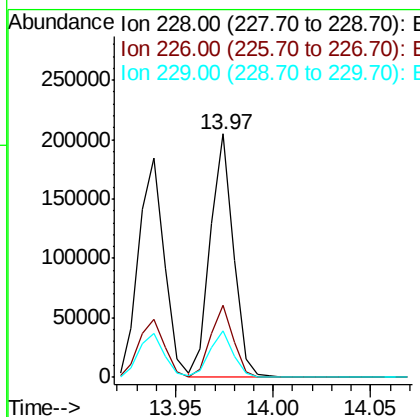
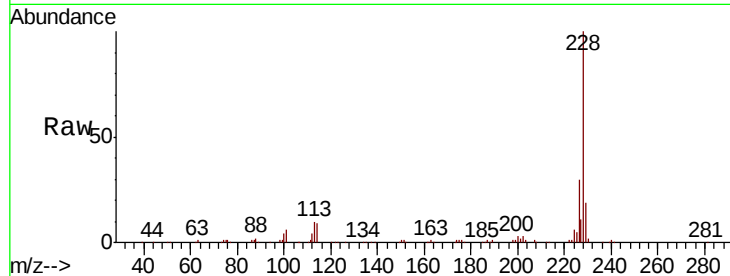




#83
 Chrvsene
 Concen: 5.603 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. -0.01 min
 Lab File: BF120623.D
 Acq: 15 Jun 2020 16:35

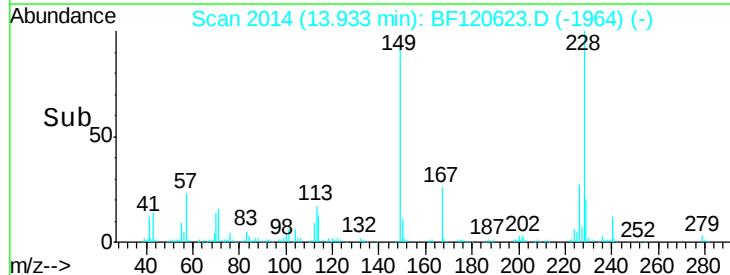
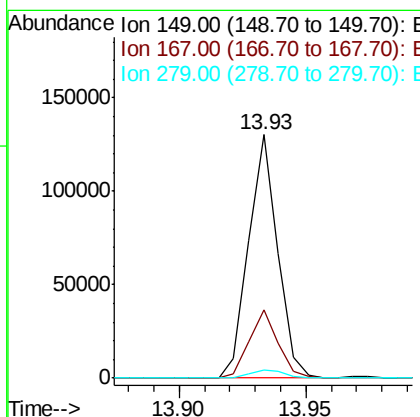
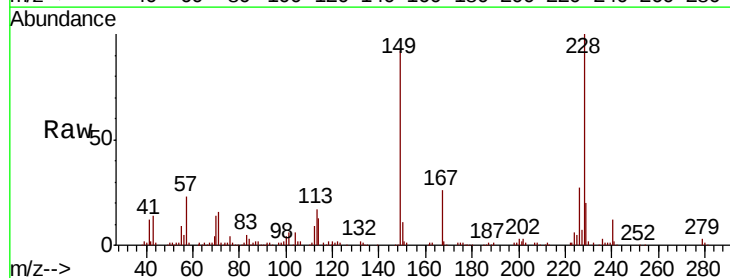
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:228 Resp: 168676
 Ion Ratio Lower Upper
 228 100
 226 29.5 24.9 37.3
 229 18.9 16.1 24.1



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 5.542 ng
 RT: 13.93 min Scan# 2014
 Delta R.T. -0.01 min
 Lab File: BF120623.D
 Acq: 15 Jun 2020 16:35

Tgt Ion:149 Resp: 103951
 Ion Ratio Lower Upper
 149 100
 167 28.0 22.0 33.0
 279 3.5 3.0 4.6

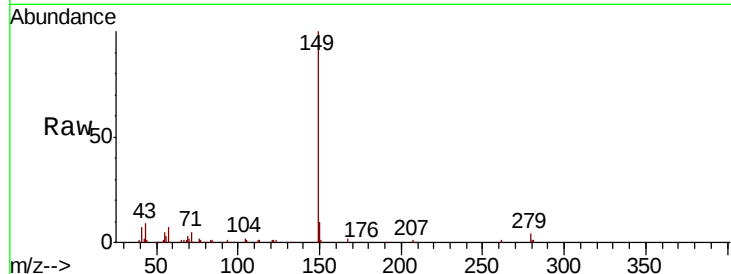




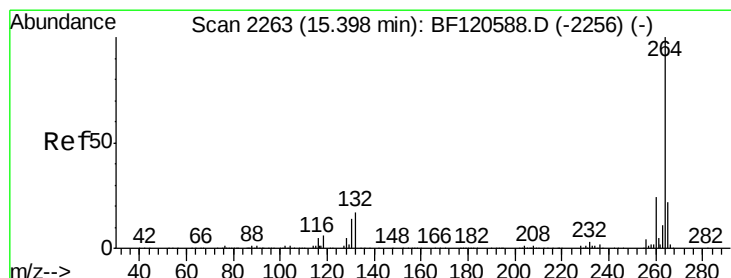
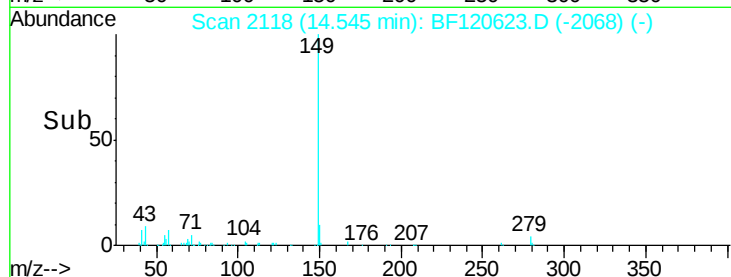
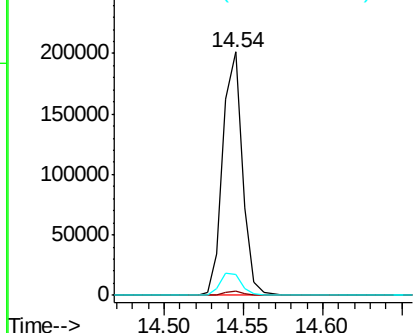
#85
Di-n-octyl phthalate
Concen: 4.827 ng
RT: 14.54 min Scan# 2118
Delta R.T. -0.01 min
Lab File: BF120623.D
Acq: 15 Jun 2020 16:35

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 172766
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 10.3 7.6 11.4

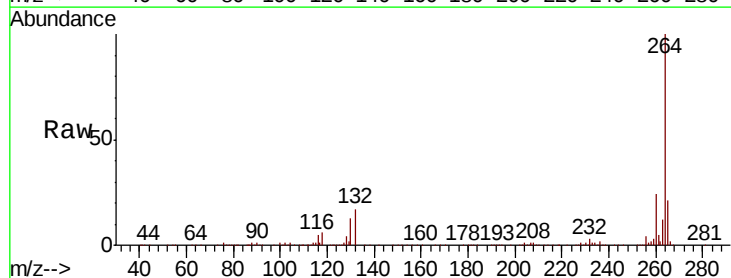


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

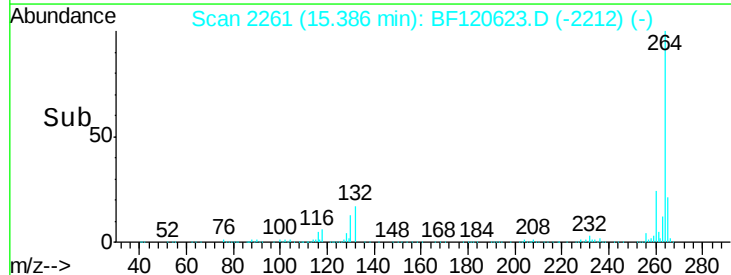
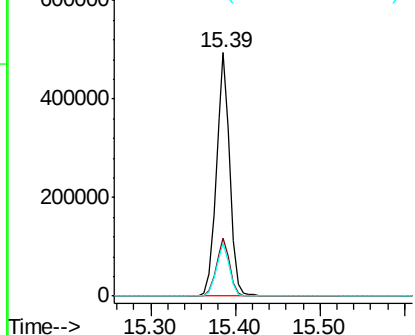


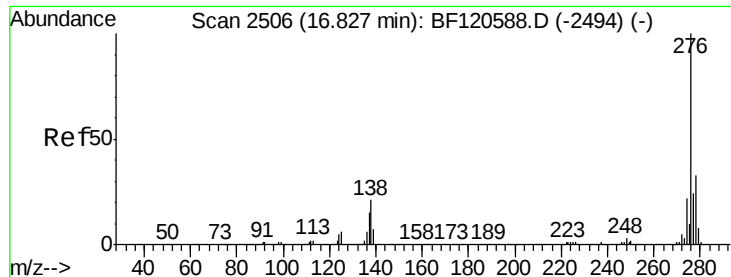
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.39 min Scan# 2261
Delta R.T. -0.01 min
Lab File: BF120623.D
Acq: 15 Jun 2020 16:35

Tgt Ion:264 Resp: 555860
Ion Ratio Lower Upper
264 100
260 23.6 19.3 28.9
265 21.5 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

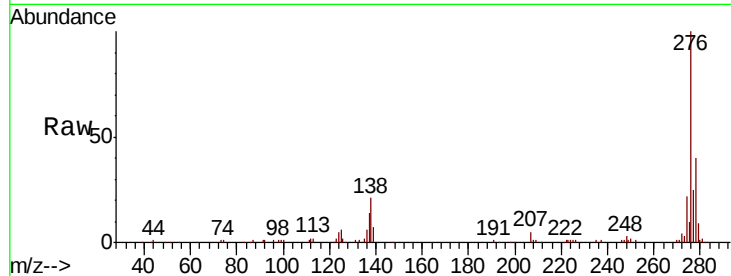




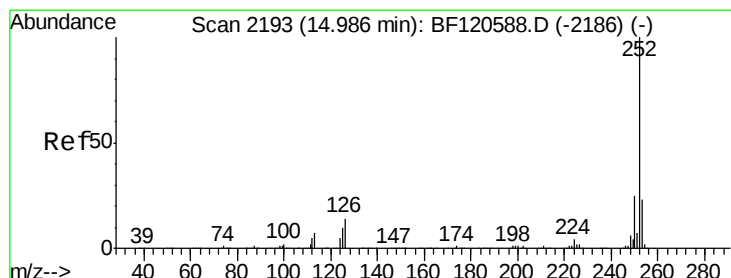
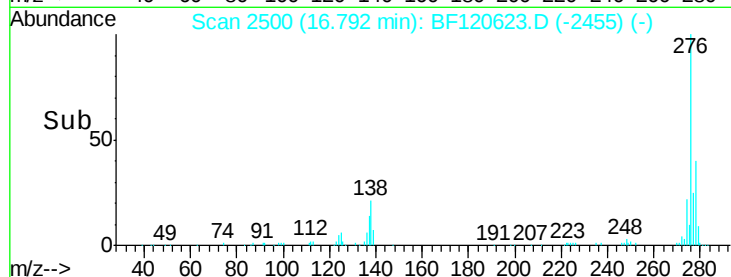
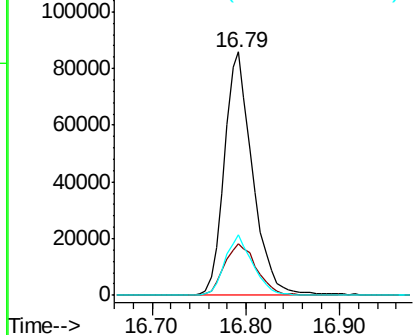
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 5.288 ng
 RT: 16.79 min Scan# 2500
 Delta R.T. -0.04 min
 Lab File: BF120623.D
 Acq: 15 Jun 2020 16:35

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.1	18.9	28.3
277	24.7	20.2	30.2

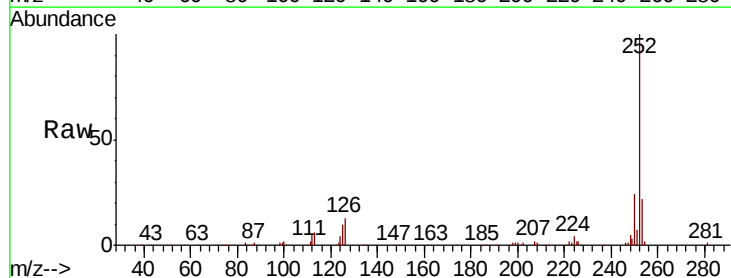


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

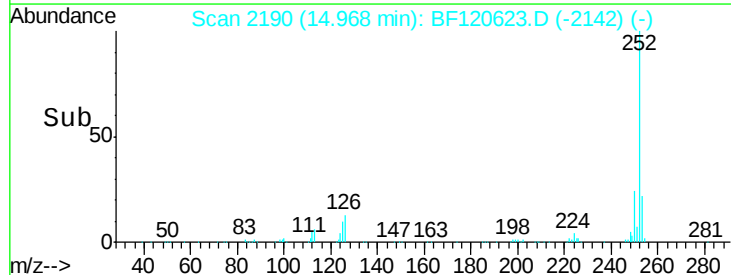
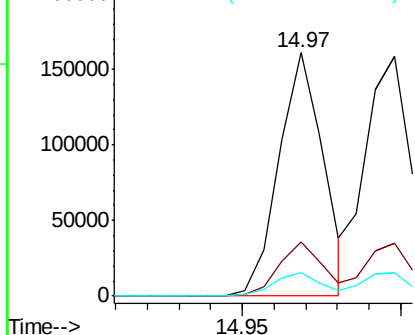


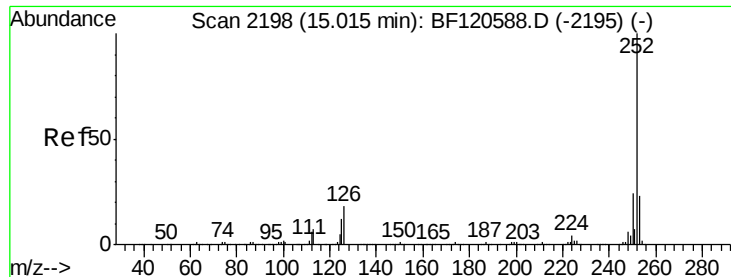
#88
 Benzo(b)fluoranthene
 Concen: 4.747 ng
 RT: 14.97 min Scan# 2190
 Delta R.T. -0.02 min
 Lab File: BF120623.D
 Acq: 15 Jun 2020 16:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.1	27.1
125	9.7	8.3	12.5



Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 253.00 (252.70 to 253.70): E
 Ion 125.00 (124.70 to 125.70): E

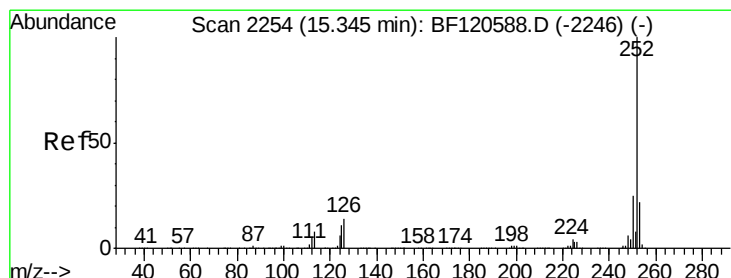
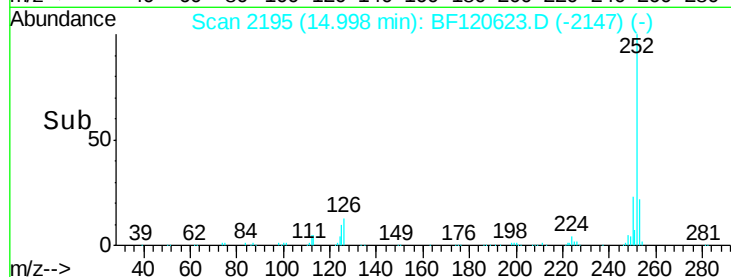
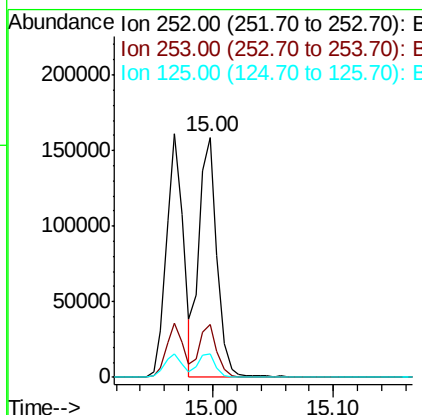
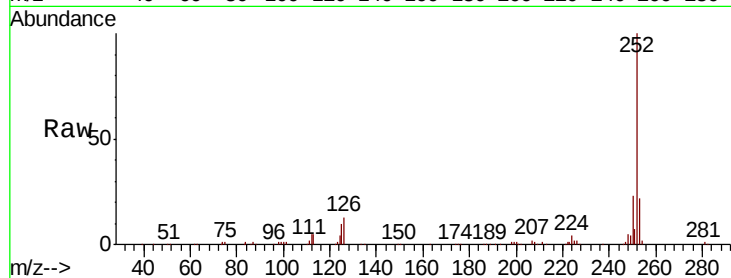




#89
Benzo(k)fluoranthene
Concen: 5.649 ng
RT: 15.00 min Scan# 2195
Delta R.T. -0.02 min
Lab File: BF120623.D
Acq: 15 Jun 2020 16:35

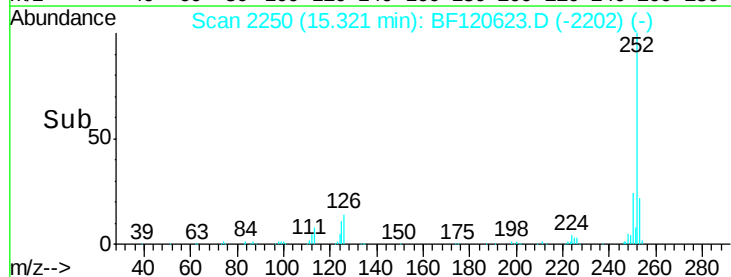
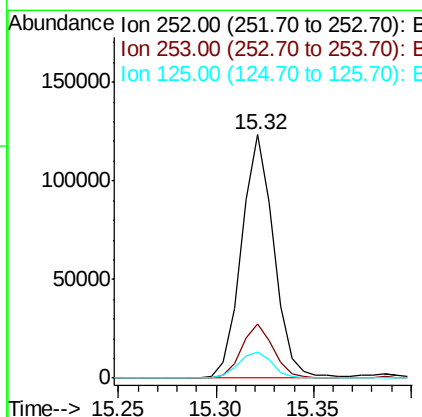
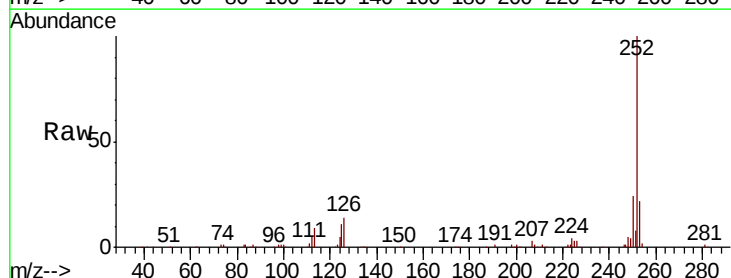
Instrument :
BNA_F
ClientSampleId :

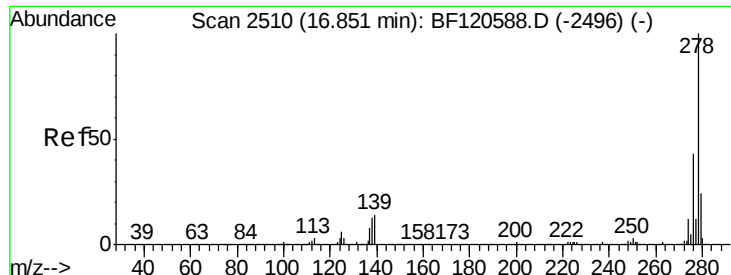
Tot Ion:252 Resp: 165500
Ion Ratio Lower Upper
252 100
253 22.0 18.0 27.0
125 9.6 8.3 12.5



#90
Benzo(a)pyrene
Concen: 4.778 ng
RT: 15.32 min Scan# 2250
Delta R.T. -0.02 min
Lab File: BF120623.D
Acq: 15 Jun 2020 16:35

Tgt Ion:252 Resp: 141602
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.8
125 10.8 8.6 12.8

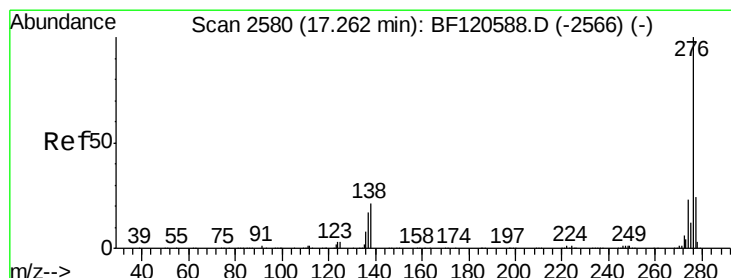
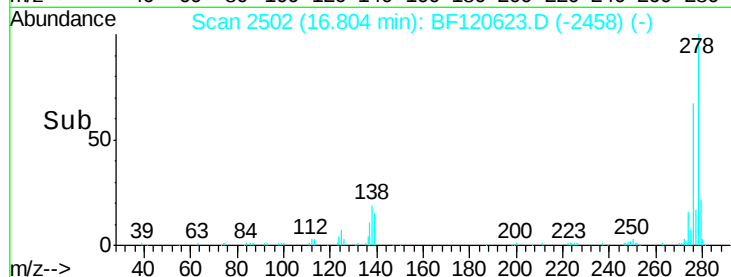
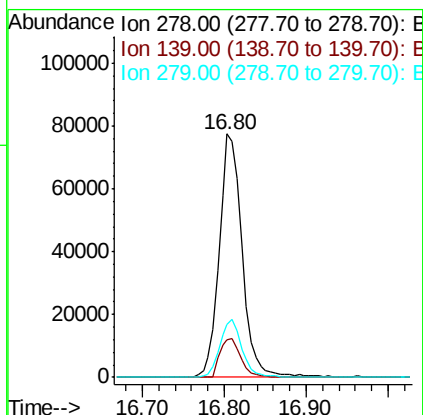
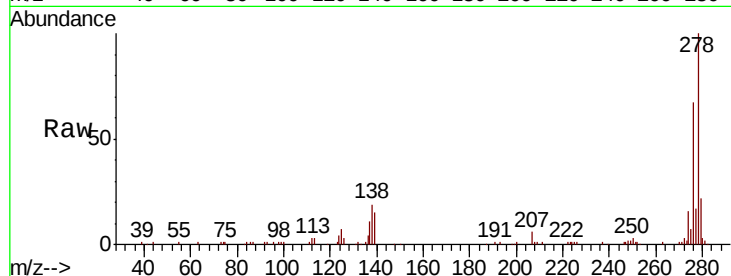




#91
Dibenzo(a,h)anthracene
Concen: 5.580 ng
RT: 16.80 min Scan# 2502
Delta R.T. -0.04 min
Lab File: BF120623.D
Acq: 15 Jun 2020 16:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 151297
Ion Ratio Lower Upper
278 100
139 15.4 11.4 17.2
279 21.6 19.1 28.7



#92
Benzo(g,h,i)perylene
Concen: 5.585 ng
RT: 17.22 min Scan# 2572
Delta R.T. -0.04 min
Lab File: BF120623.D
Acq: 15 Jun 2020 16:35

Tgt Ion:276 Resp: 152638
Ion Ratio Lower Upper
276 100
277 22.8 19.6 29.4
138 21.5 16.5 24.7

