

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041720\
 Data File : BF120071.D
 Acq On : 17 Apr 2020 20:44
 Operator : MA/SJ
 Sample : L2198-12MSD
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 18 01:40:44 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 17 10:51:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	163442	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	614312	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	278517	20.00	ng	0.00
64) Phenanthrene-d10	11.26	188	407644	20.00	ng	0.00
76) Chrysene-d12	13.90	240	262769	20.00	ng	0.00
87) Perylene-d12	15.33	264	219213	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.35	112	855794	90.49	ng	0.02
7) Phenol-d6	6.38	99	1085138	89.05	ng	0.01
23) Nitrobenzene-d5	7.30	82	676900	57.00	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	193973	56.88	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	1299256	66.23	ng	0.00
79) Terphenyl-d14	12.85	244	925465	59.26	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.46	88	216376	51.367	ng	98
3) Pyridine	3.18	79	621883	53.809	ng	99
4) n-Nitrosodimethylamine	3.14	42	360403	61.034	ng	96
6) Aniline	6.39	93	605501	37.856	ng	# 1
8) 2-Chlorophenol	6.52	128	704493	66.669	ng	97
9) Benzaldehyde	6.27	77	314323	59.221	ng	99
10) Phenol	6.39	94	863179	62.434	ng	92
11) bis(2-Chloroethyl)ether	6.47	93	680556	63.753	ng	99
12) 1,3-Dichlorobenzene	6.67	146	710575	61.422	ng	98
13) 1,4-Dichlorobenzene	6.75	146	715819	60.742	ng	100
14) 1,2-Dichlorobenzene	6.90	146	665922	61.315	ng	97
15) Benzyl Alcohol	6.88	79	564629	59.653	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.01	45	1153733	55.541	ng	86
17) 2-Methylphenol	7.00	107	550418	58.367	ng	93
18) Hexachloroethane	7.24	117	244850	55.595	ng	98
19) n-Nitroso-di-n-propylamine	7.16	70	487444	62.202	ng	98
20) 3+4-Methylphenols	7.16	107	674128	58.450	ng	# 73
22) Acetophenone	7.15	105	921913	64.087	ng	# 96
24) Nitrobenzene	7.32	77	720360	60.305	ng	97
25) Isophorone	7.56	82	1343692	58.701	ng	99
26) 2-Nitrophenol	7.63	139	302989	50.770	ng	99
27) 2,4-Dimethylphenol	7.68	122	562394	62.483	ng	98
28) bis(2-Chloroethoxy)methane	7.77	93	864638	64.191	ng	99
29) 2,4-Dichlorophenol	7.88	162	538204	58.336	ng	97
30) 1,2,4-Trichlorobenzene	7.96	180	602749	57.659	ng	100
31) Naphthalene	8.04	128	1881680	58.219	ng	99
32) Benzoic acid	7.82	122	246381	31.168	ng	99
33) 4-Chloroaniline	8.09	127	279198	19.843	ng	99
34) Hexachlorobutadiene	8.16	225	351834	56.224	ng	99
35) Caprolactam	8.49	113	129294	45.814	ng	91
36) 4-Chloro-3-methylphenol	8.59	107	549400	55.003	ng	95
37) 2-Methylnaphthalene	8.73	142	1251130	57.097	ng	98
38) 1-Methylnaphthalene	8.83	142	1172294	56.760	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.90	216	549852	62.506	ng	99

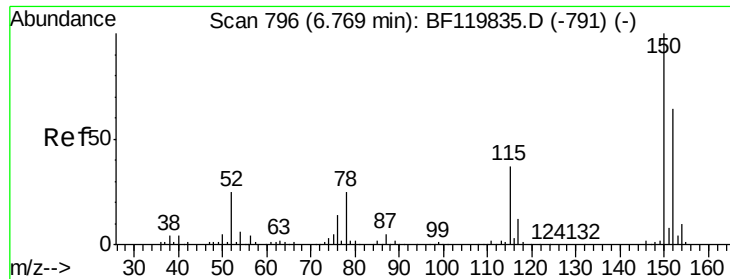
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041720\
 Data File : BF120071.D
 Acq On : 17 Apr 2020 20:44
 Operator : MA/SJ
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 17 10:51:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.88	237	149894	29.966	ng	96
43) 2,4,6-Trichlorophenol	9.02	196	357069	58.781	ng	99
44) 2,4,5-Trichlorophenol	9.06	196	339839	49.671	ng	97
46) 1,1'-Biphenyl	9.20	154	1447265	61.564	ng	97
47) 2-Chloronaphthalene	9.22	162	1105883	61.066	ng	97
48) 2-Nitroaniline	9.32	65	389461	59.345	ng	97
49) Acenaphthylene	9.64	152	1614967	58.638	ng	99
50) Dimethylphthalate	9.51	163	1549530	71.928	ng	98
51) 2,6-Dinitrotoluene	9.57	165	263824	55.924	ng	89
52) Acenaphthene	9.81	154	985587	53.647	ng	99
53) 3-Nitroaniline	9.73	138	229472	42.590	ng	96
54) 2,4-Dinitrophenol	9.84	184	32176	11.392	ng	91
55) Dibenzofuran	9.98	168	1442718	57.226	ng	98
56) 4-Nitrophenol	9.91	139	302535	75.467	ng	92
57) 2,4-Dinitrotoluene	9.97	165	311012	50.039	ng	93
58) Fluorene	10.33	166	1057885	52.468	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.10	232	243608	46.555	ng	98
60) Diethylphthalate	10.20	149	1335098	59.795	ng	99
61) 4-Chlorophenyl-phenylether	10.32	204	544542	52.695	ng	96
62) 4-Nitroaniline	10.35	138	261909	51.008	ng	99
63) Azobenzene	10.47	77	1140205	56.982	ng	98
65) 4,6-Dinitro-2-methylphenol	10.38	198	28152	10.483	ng	99
66) n-Nitrosodiphenylamine	10.44	169	983438	72.540	ng	99
67) 4-Bromophenyl-phenylether	10.80	248	317236	62.578	ng	95
68) Hexachlorobenzene	10.87	284	310266	60.331	ng	98
69) Atrazine	10.97	200	251775	66.748	ng	96
70) Pentachlorophenol	11.07	266	237645	80.186	ng	98
71) Phenanthrene	11.29	178	1307156	60.251	ng	99
72) Anthracene	11.34	178	1325393	59.802	ng	99
73) Carbazole	11.49	167	1175533	56.088	ng	99
74) Di-n-butylphthalate	11.83	149	1807874	65.616	ng	100
75) Fluoranthene	12.47	202	1247397	53.287	ng	98
77) Benzidine	12.59	184	427681	48.150	ng	96
78) Pyrene	12.70	202	1243020	56.113	ng	99
80) Butylbenzylphthalate	13.32	149	599995	55.819	ng	97
81) Benzo(a)anthracene	13.89	228	1056547	61.119	ng	99
82) 3,3'-Dichlorobenzidine	13.86	252	325227	50.423	ng	98
83) Chrysene	13.93	228	1046636	59.587	ng	99
84) Bis(2-ethylhexyl)phthalate	13.89	149	847719	58.238	ng	# 98
85) Di-n-octyl phthalate	14.50	149	1455156	58.713	ng	99
86) Indeno(1,2,3-cd)pyrene	16.73	276	814088	52.579	ng	97
88) Benzo(b)fluoranthene	14.92	252	951027	60.307	ng	99
89) Benzo(k)fluoranthene	14.95	252	946395	69.555	ng	98
90) Benzo(a)pyrene	15.27	252	802954	60.559	ng	99
91) Dibenzo(a,h)anthracene	16.74	278	693202	59.022	ng	99
92) Benzo(g,h,i)perylene	17.15	276	650431	56.104	ng	97

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

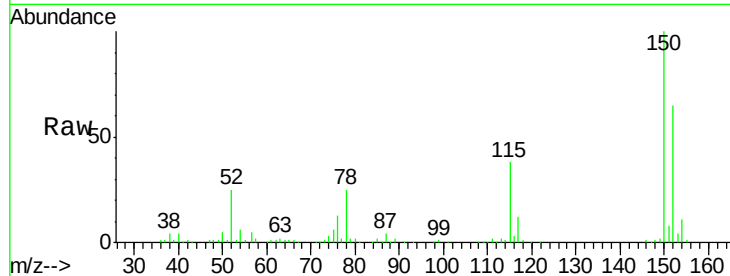


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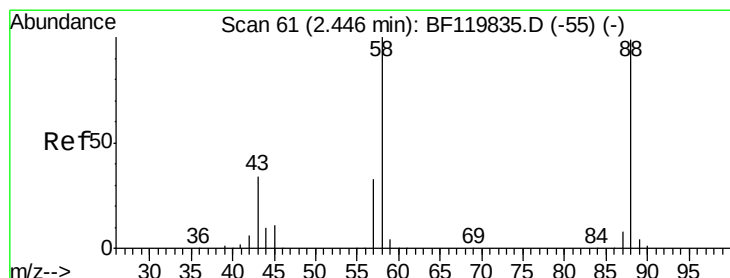
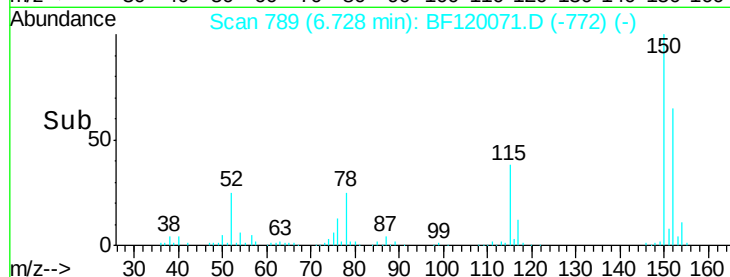
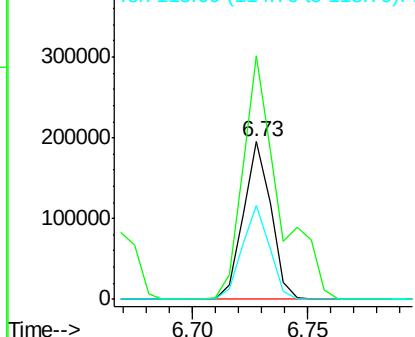
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. 0.00 min
Lab File: BF120071.D
Acq: 17 Apr 2020 20:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 163442
Ion Ratio Lower Upper
152 100
150 154.4 124.8 187.2
115 59.4 46.5 69.7



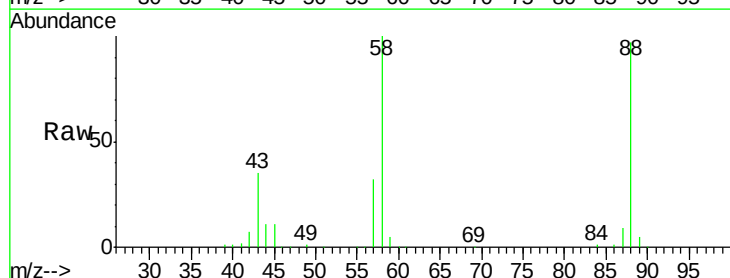
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



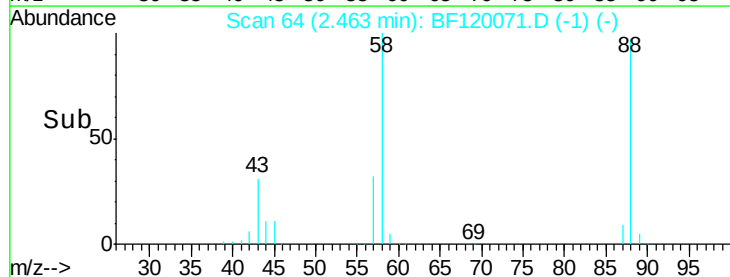
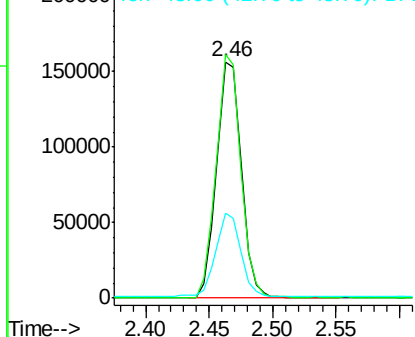
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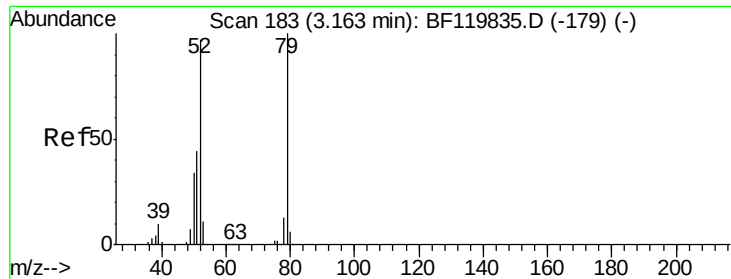
1,4-Dioxane
Concen: 51.367 ng
RT: 2.46 min Scan# 64
Delta R.T. 0.09 min
Lab File: BF120071.D
Acq: 17 Apr 2020 20:44

Tgt Ion: 88 Resp: 216376
Ion Ratio Lower Upper
88 100
58 101.2 82.6 123.8
43 35.1 28.6 42.8



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: 53.809 ng

RT: 3.18 min Scan# 185

Delta R.T. 0.10 min

Lab File: BF120071.D

Acq: 17 Apr 2020 20:44

Instrument :

BNA_F

ClientSampleId :

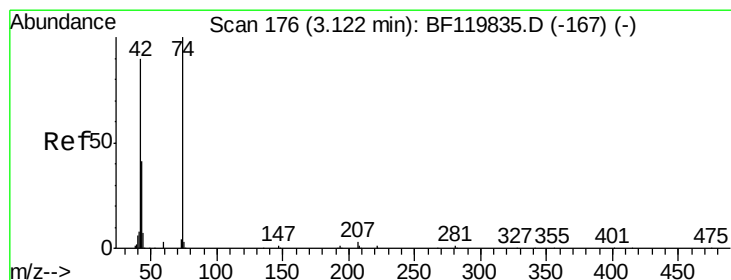
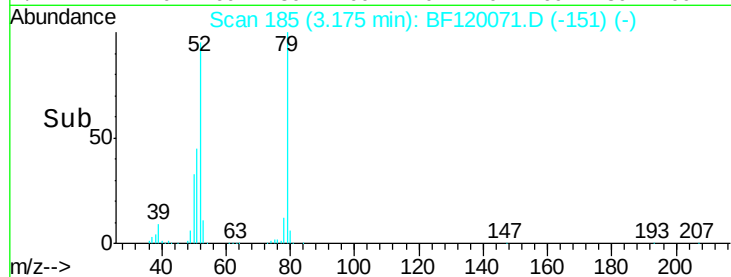
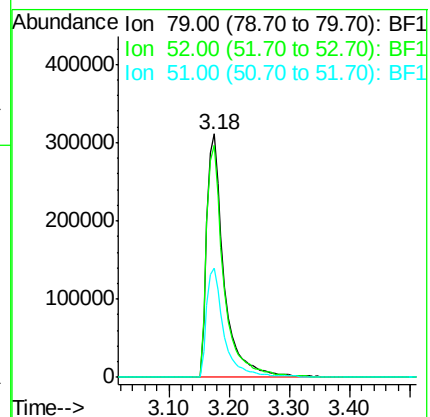
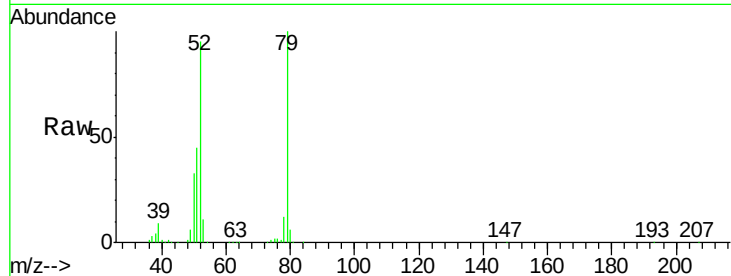
Tot Ion: 79 Resp: 621883

Ion Ratio Lower Upper

79 100

52 95.2 77.4 116.0

51 44.8 35.3 52.9



#4

n-Nitrosodimethylamine

Concen: 61.034 ng

RT: 3.14 min Scan# 179

Delta R.T. 0.10 min

Lab File: BF120071.D

Acq: 17 Apr 2020 20:44

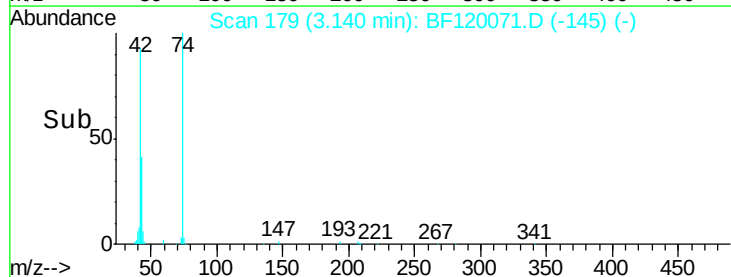
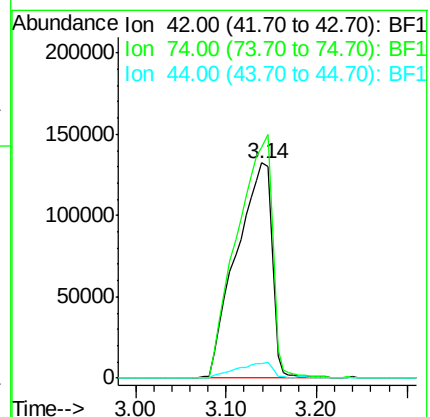
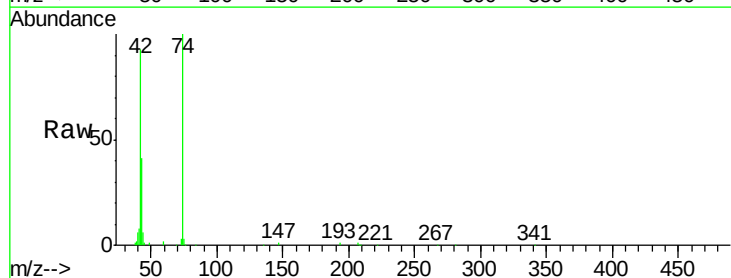
Tgt Ion: 42 Resp: 360403

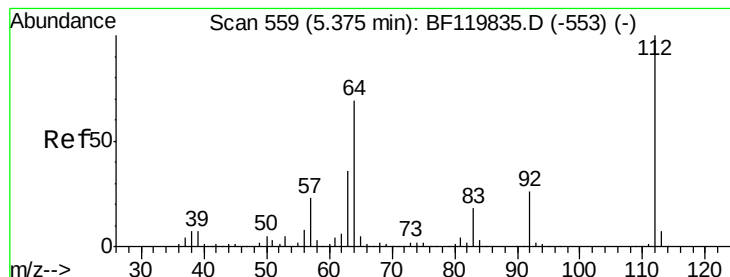
Ion Ratio Lower Upper

42 100

74 107.4 89.0 133.4

44 6.5 6.2 9.4





#5

2-Fluorophenol

Concen: 90.489 ng

RT: 5.35 min Scan# 554

Delta R.T. 0.02 min

Lab File: BF120071.D

Acq: 17 Apr 2020 20:44

Instrument :

BNA_F

ClientSampled :

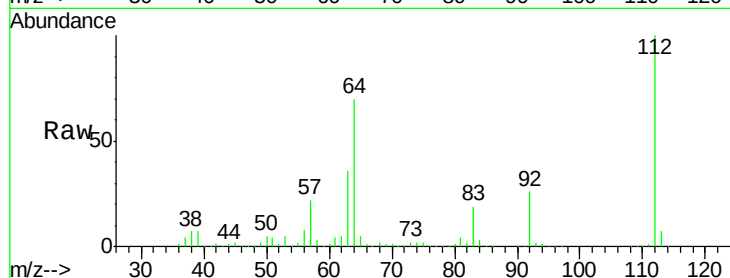
Tot Ion:112 Resp: 855794

Ion Ratio Lower Upper

112 100

64 70.4 55.5 83.3

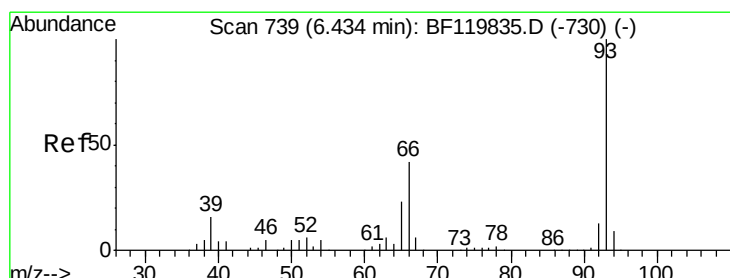
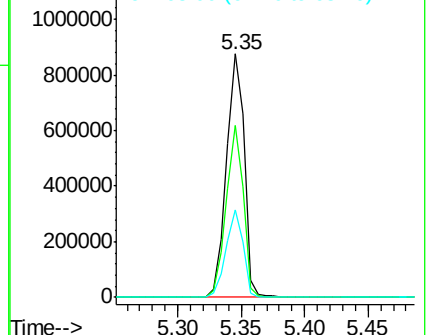
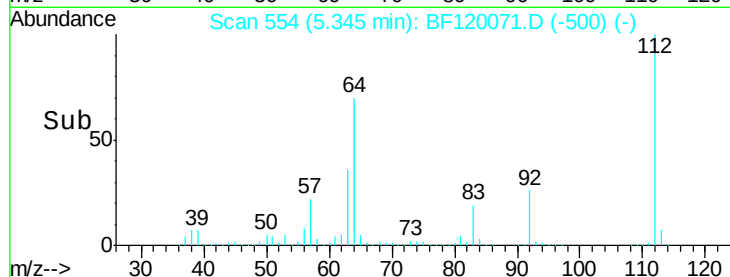
63 35.8 29.1 43.7



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 37.856 ng

RT: 6.39 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF120071.D

Acq: 17 Apr 2020 20:44

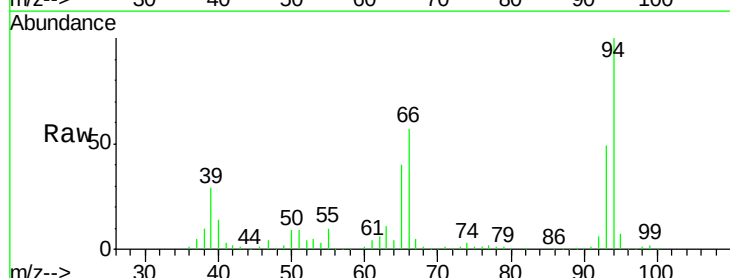
Tgt Ion: 93 Resp: 605501

Ion Ratio Lower Upper

93 100

66 115.0 34.2 51.2#

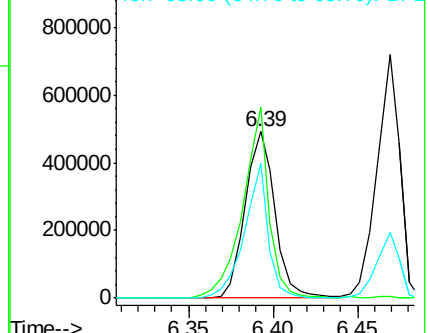
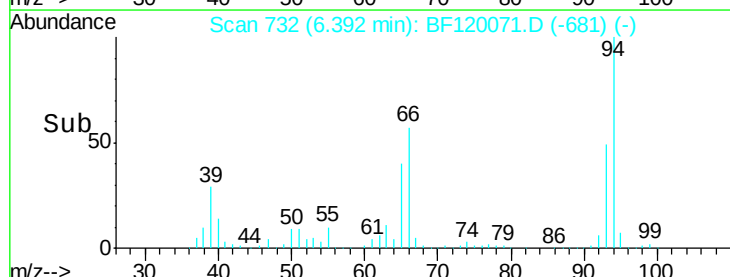
65 80.8 18.3 27.5#

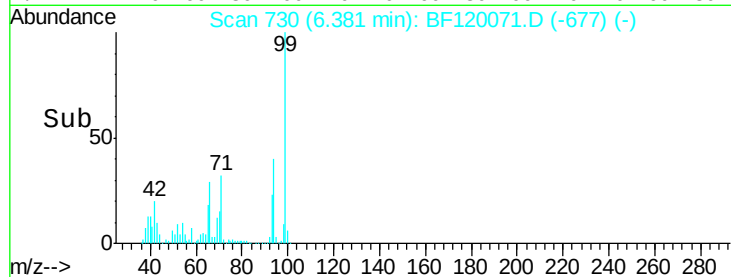
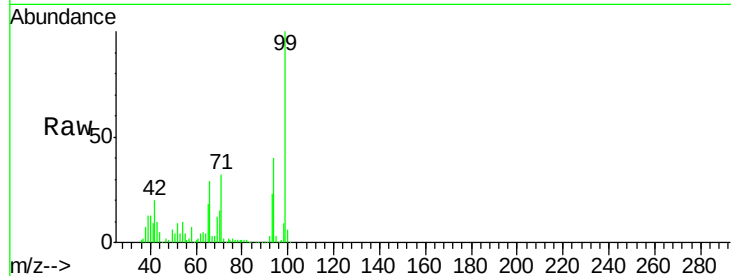
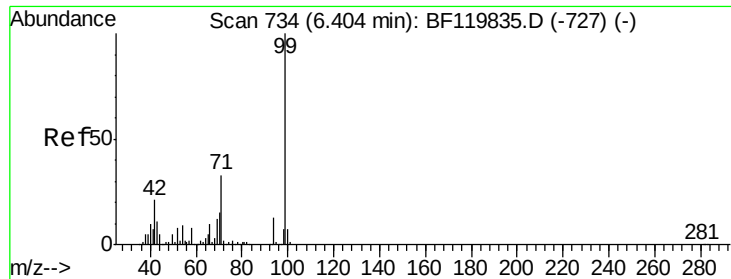


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 89.045 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.01 min

Lab File: BF120071.D

Acq: 17 Apr 2020 20:44

Instrument :

BNA_F

ClientSampleId :

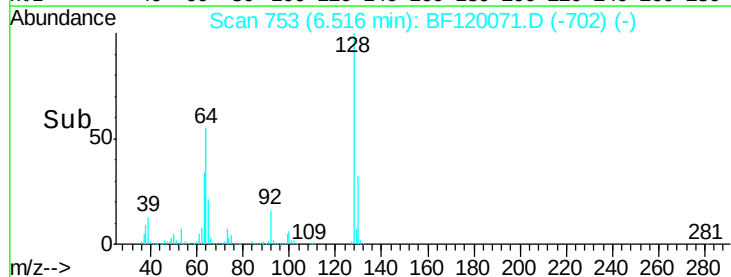
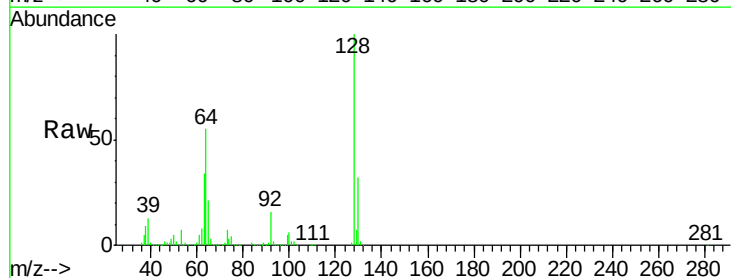
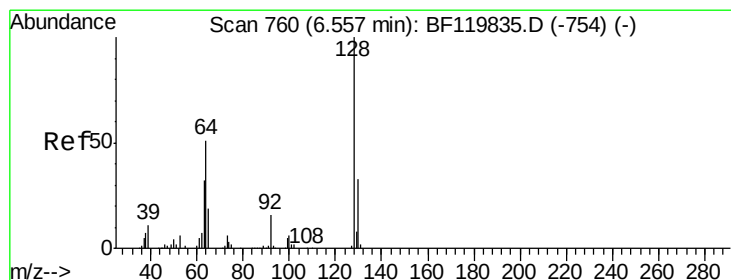
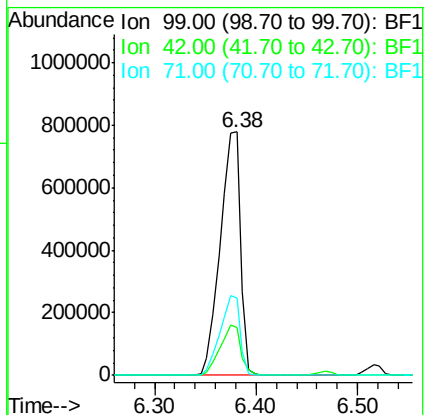
Tot Ion: 99 Resp: 1085138

Ion Ratio Lower Upper

99 100

42 19.5 16.9 25.3

71 31.8 26.3 39.5



#8

2-Chlorophenol

Concen: 66.669 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF120071.D

Acq: 17 Apr 2020 20:44

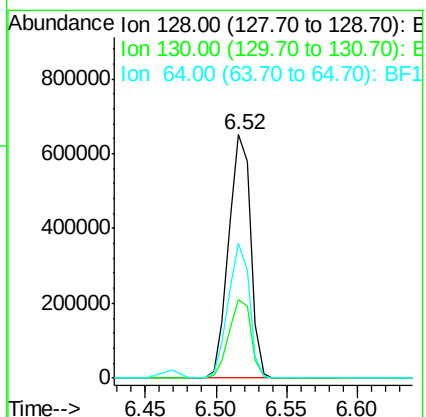
Tgt Ion: 128 Resp: 704493

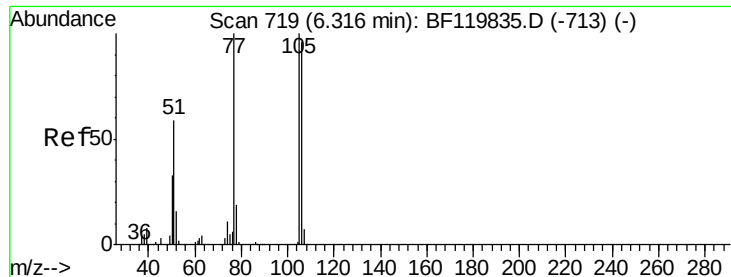
Ion Ratio Lower Upper

128 100

130 32.5 12.6 52.6

64 55.2 32.0 72.0





#9

Benzaldehyde

Concen: 59.221 ng

RT: 6.27 min Scan# 712

Delta R.T. 0.00 min

Lab File: BF120071.D

Acq: 17 Apr 2020 20:44

Instrument :

BNA_F

ClientSampleId :

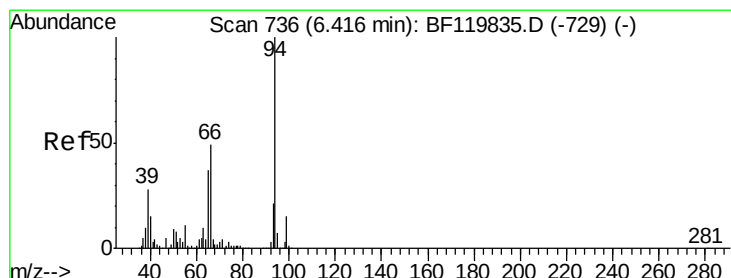
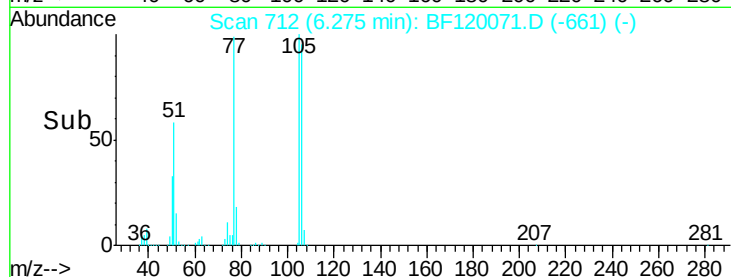
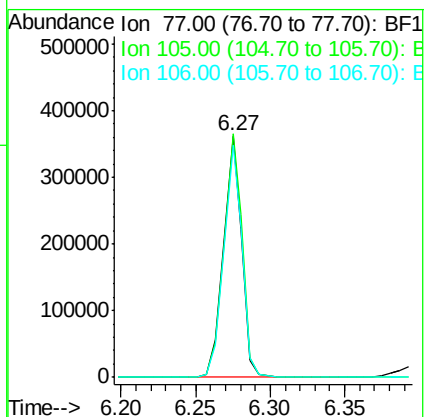
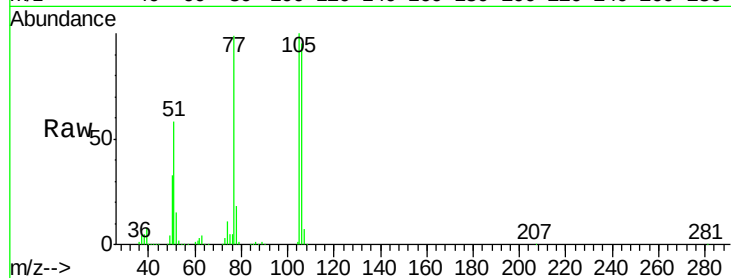
Tot Ion: 77 Resp: 314323

Ion Ratio Lower Upper

77 100

105 101.0 79.9 119.9

106 96.0 76.4 116.4



#10

Phenol

Concen: 62.434 ng

RT: 6.39 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF120071.D

Acq: 17 Apr 2020 20:44

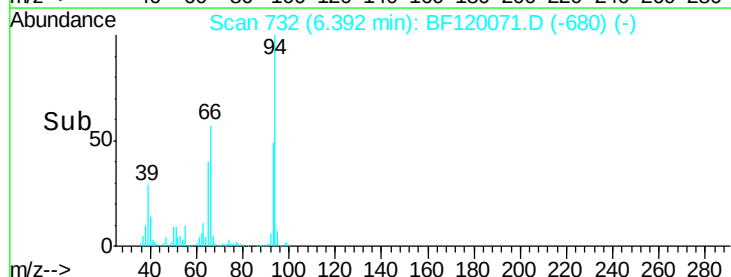
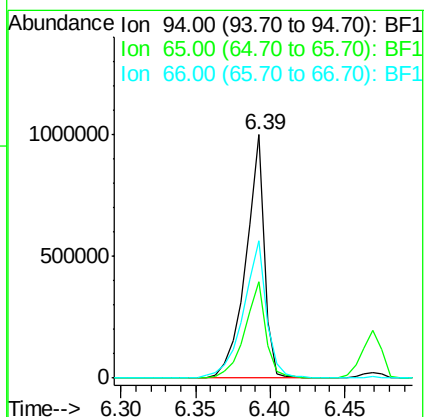
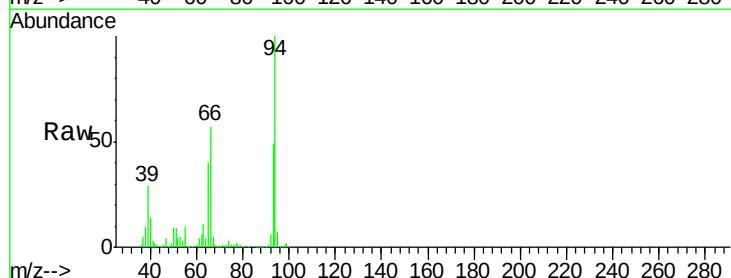
Tgt Ion: 94 Resp: 863179

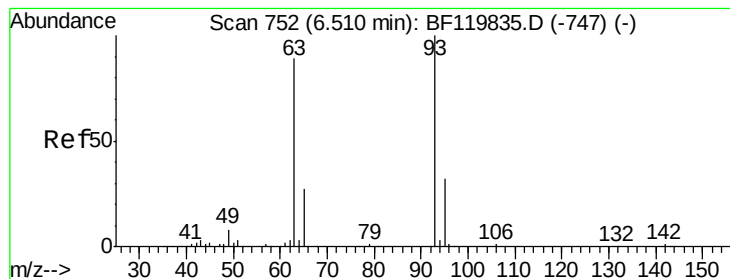
Ion Ratio Lower Upper

94 100

65 39.8 16.6 56.6

66 56.6 29.3 69.3





#11

bis(2-Chloroethyl)ether

Concen: 63.753 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.00 min

Lab File: BF120071.D

Acq: 17 Apr 2020 20:44

Instrument :

BNA_F

ClientSampleId :

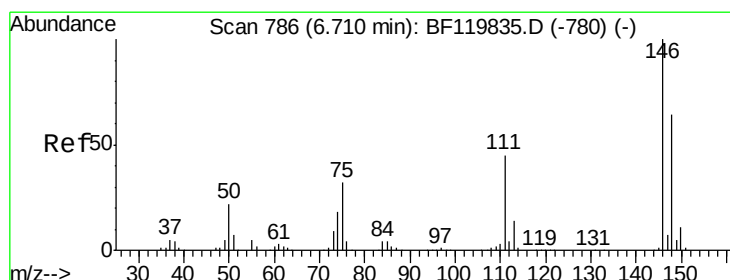
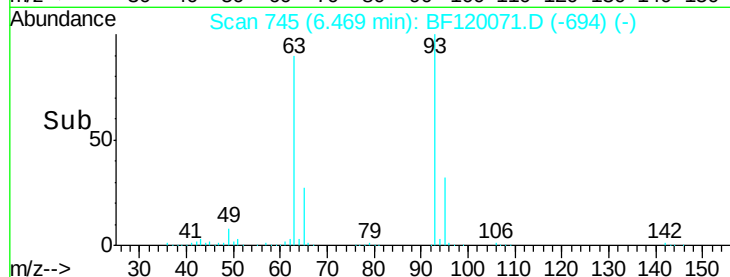
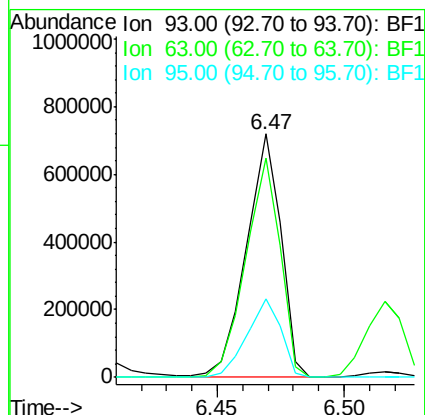
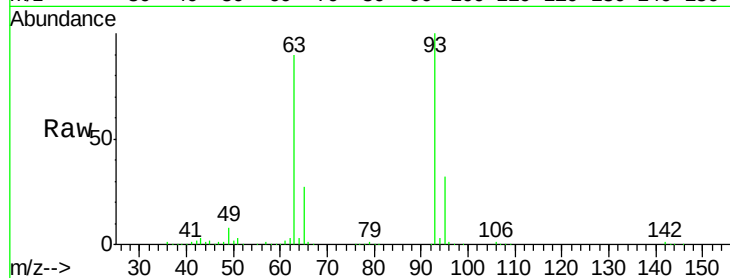
Tot Ion: 93 Resp: 680556

Ion Ratio Lower Upper

93 100

63 90.3 69.1 109.1

95 32.3 12.3 52.3



#12

1,3-Dichlorobenzene

Concen: 61.422 ng

RT: 6.67 min Scan# 779

Delta R.T. 0.00 min

Lab File: BF120071.D

Acq: 17 Apr 2020 20:44

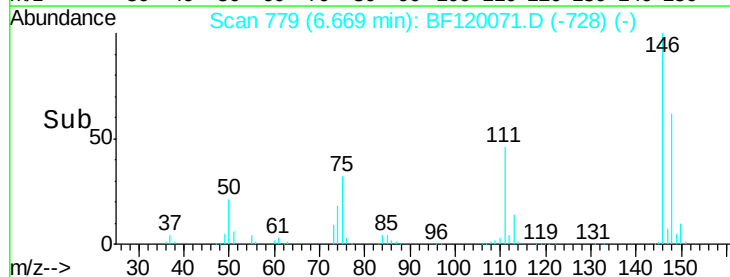
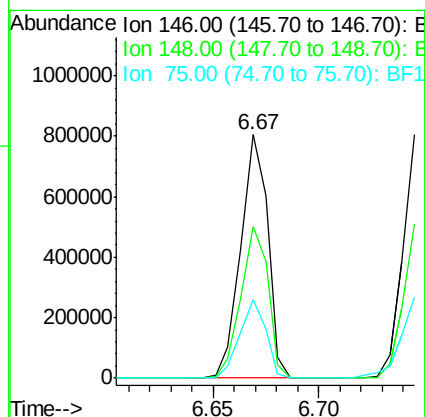
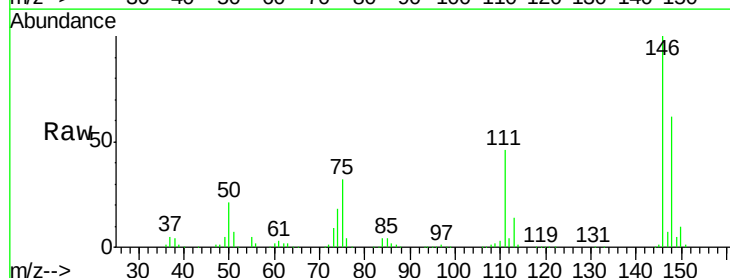
Tgt Ion: 146 Resp: 710575

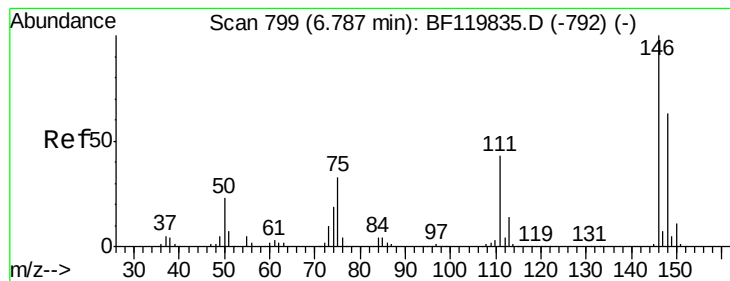
Ion Ratio Lower Upper

146 100

148 62.4 51.3 76.9

75 32.4 25.3 37.9





#13

1,4-Dichlorobenzene

Concen: 60.742 ng

RT: 6.75 min Scan# 792

Delta R.T. 0.00 min

Lab File: BF120071.D

Acq: 17 Apr 2020 20:44

Instrument :

BNA_F

ClientSampleId :

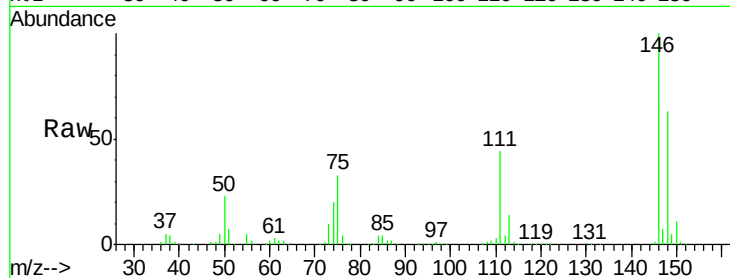
Tot Ion:146 Resp: 715819

Ion Ratio Lower Upper

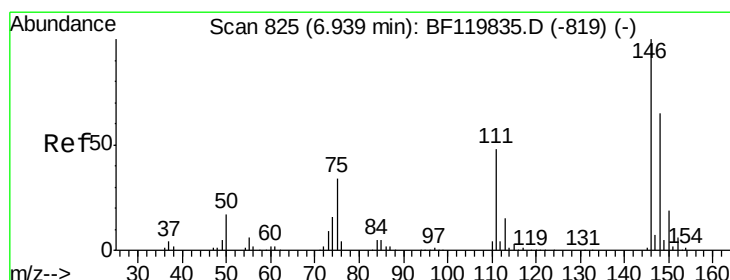
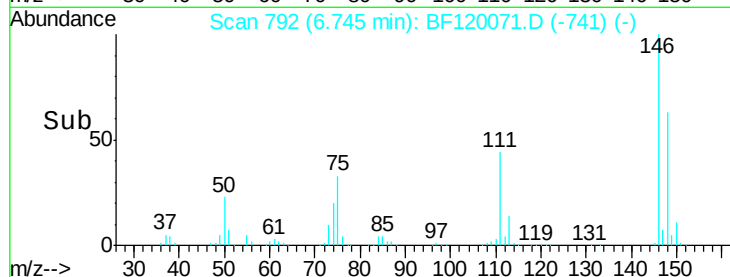
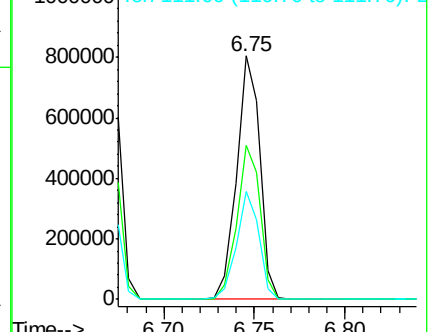
146 100

148 63.1 50.5 75.7

111 44.2 34.7 52.1



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



#14

1,2-Dichlorobenzene

Concen: 61.315 ng

RT: 6.90 min Scan# 819

Delta R.T. 0.01 min

Lab File: BF120071.D

Acq: 17 Apr 2020 20:44

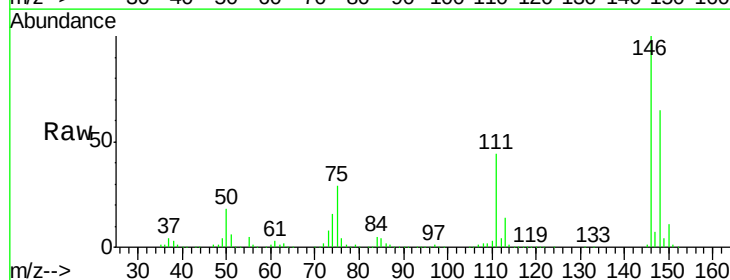
Tgt Ion:146 Resp: 665922

Ion Ratio Lower Upper

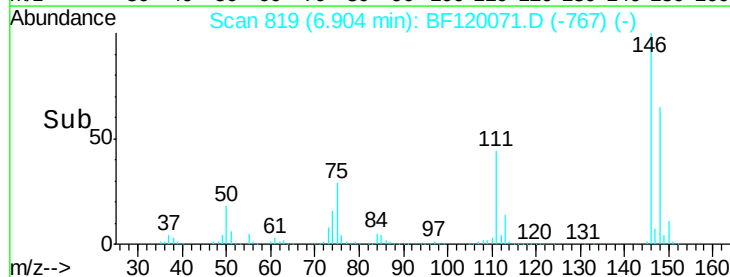
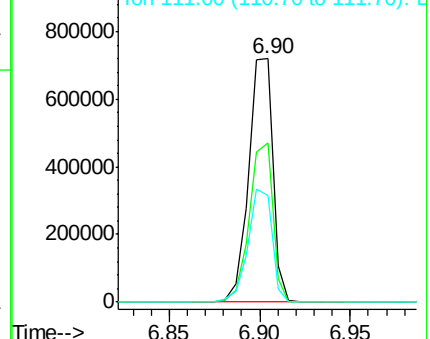
146 100

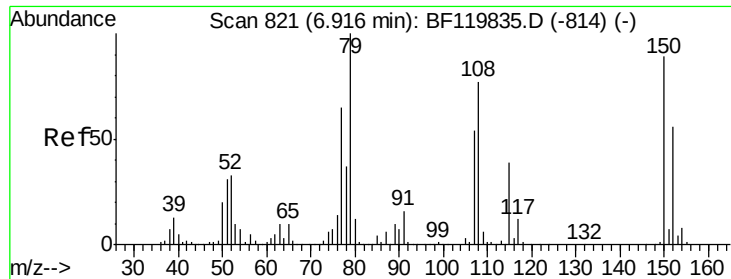
148 65.3 51.8 77.8

111 43.8 38.0 57.0



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

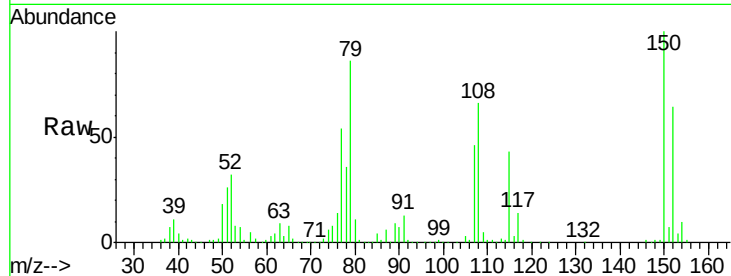




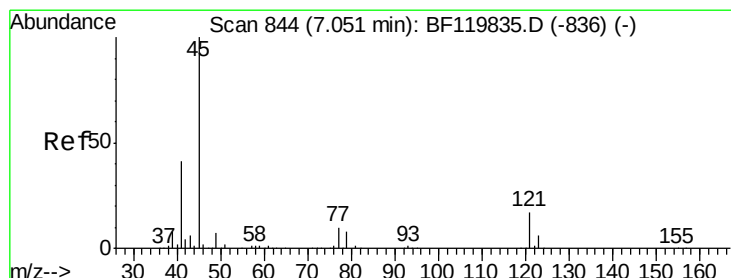
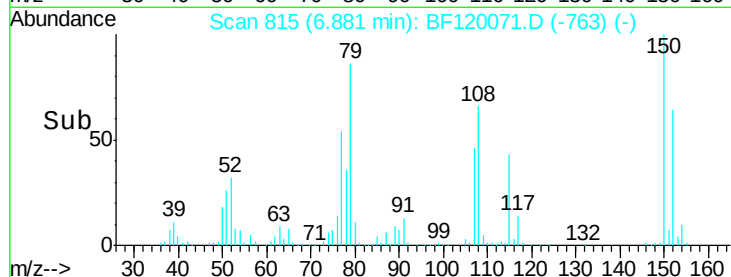
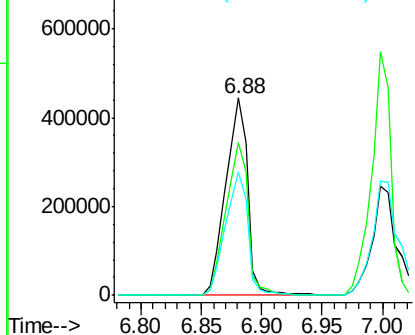
#15
Benzyl Alcohol
Concen: 59.653 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.01 min
Lab File: BF120071.D
Acq: 17 Apr 2020 20:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 79 Resp: 564629
Ion Ratio Lower Upper
79 100
108 77.2 62.0 93.0
77 62.7 51.8 77.6

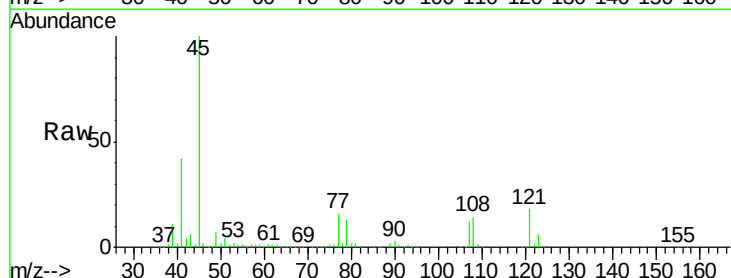


Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

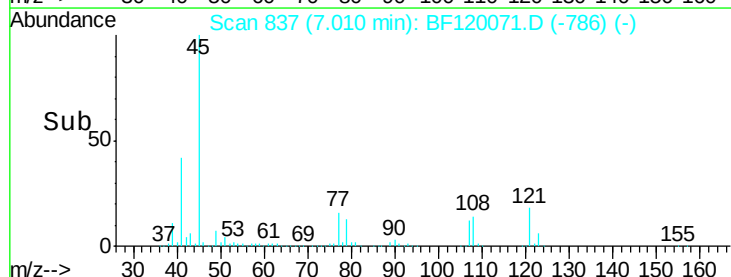
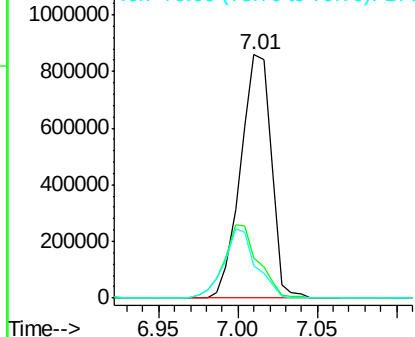


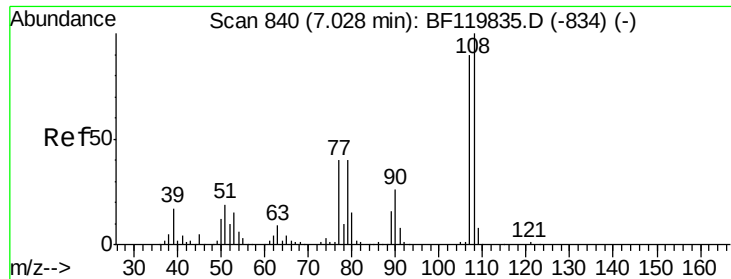
#16
2,2'-oxybis(1-chloropropane)
Concen: 55.541 ng
RT: 7.01 min Scan# 837
Delta R.T. 0.00 min
Lab File: BF120071.D
Acq: 17 Apr 2020 20:44

Tgt Ion: 45 Resp: 1153733
Ion Ratio Lower Upper
45 100
77 16.3 0.0 30.7
79 13.3 0.0 28.6



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

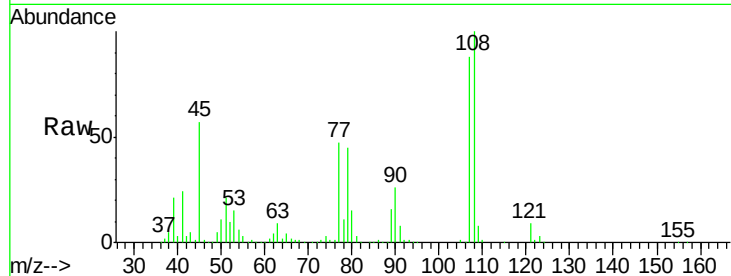




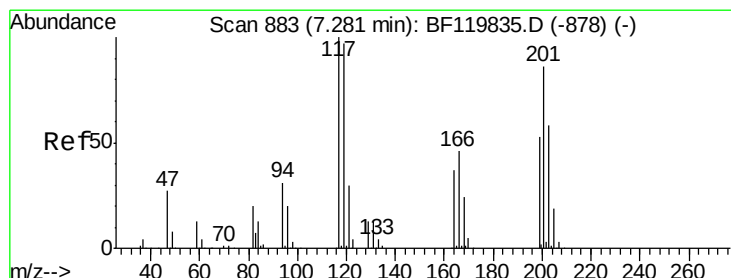
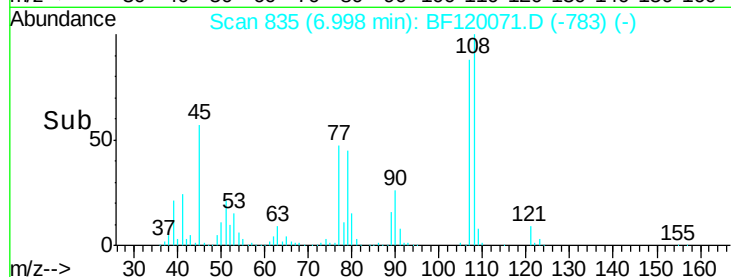
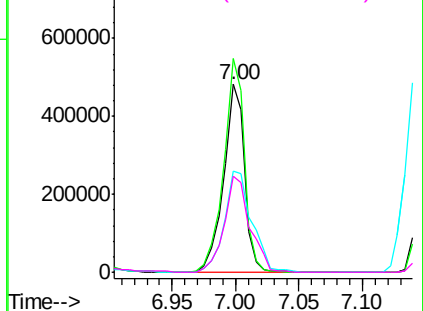
#17
2-Methylphenol
Concen: 58.367 ng
RT: 7.00 min Scan# 835
Delta R.T. 0.01 min
Lab File: BF120071.D
Acq: 17 Apr 2020 20:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	107	Resp:	550418
Ion	Ratio	Lower	Upper
107	100		
108	113.8	88.8	133.2
77	53.6	36.0	54.0
79	50.9	35.7	53.5

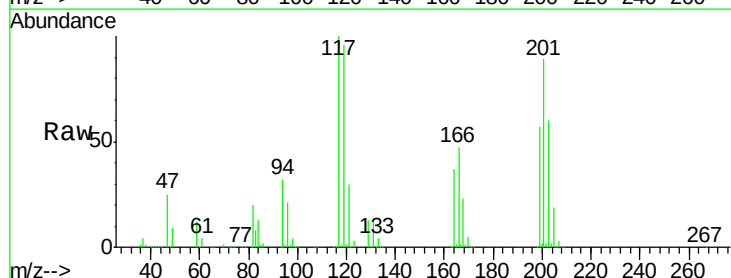


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

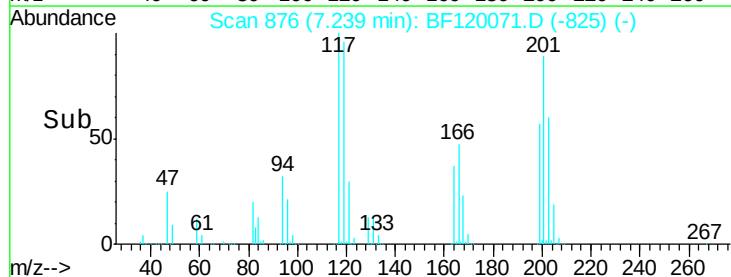
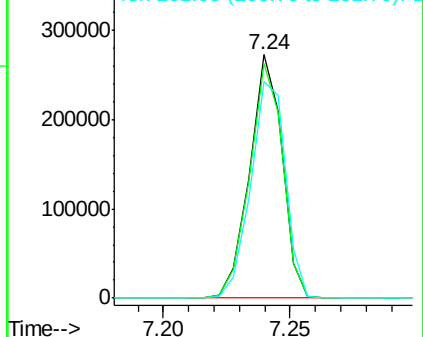


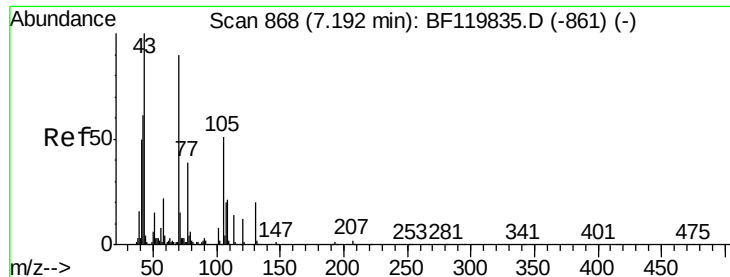
#18
Hexachloroethane
Concen: 55.595 ng
RT: 7.24 min Scan# 876
Delta R.T. 0.00 min
Lab File: BF120071.D
Acq: 17 Apr 2020 20:44

Tgt Ion:	117	Resp:	244850
Ion	Ratio	Lower	Upper
117	100		
119	96.1	77.4	116.0
201	89.2	68.4	102.6



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

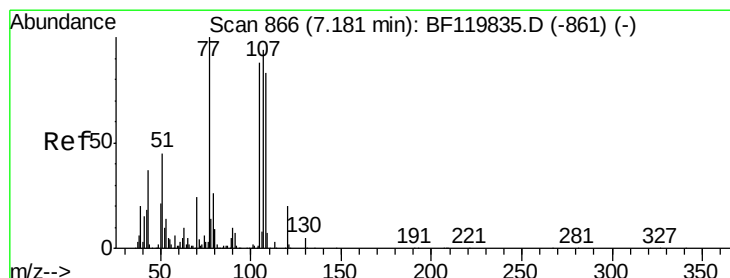
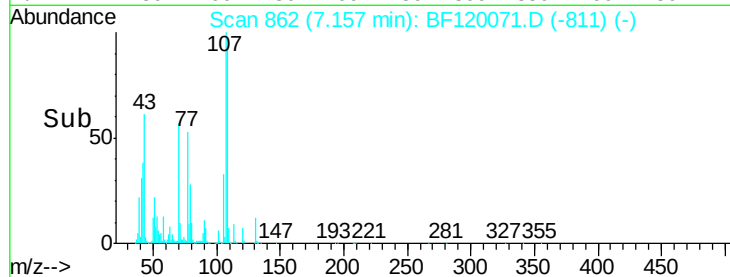
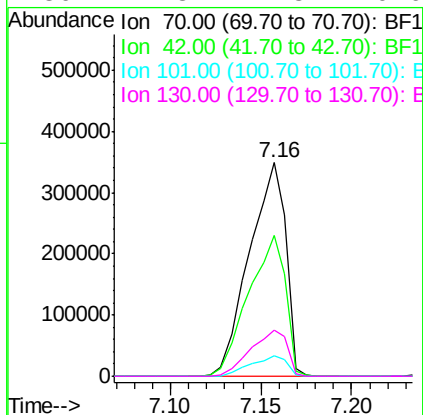
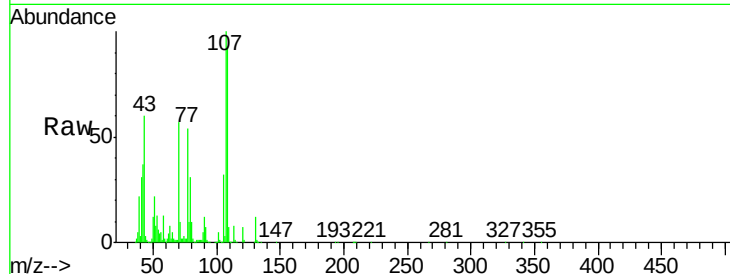




#19
n-Nitroso-di-n-propylamine
Concen: 62.202 ng
RT: 7.16 min Scan# 862
Delta R.T. 0.00 min
Lab File: BF120071.D
Acq: 17 Apr 2020 20:44

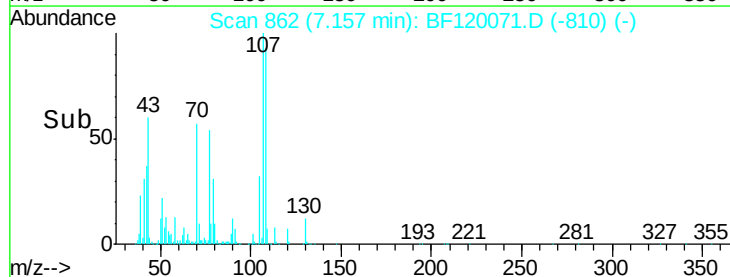
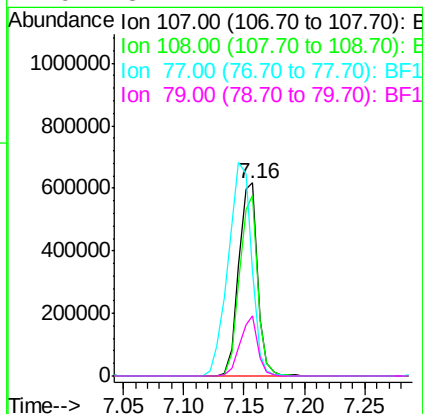
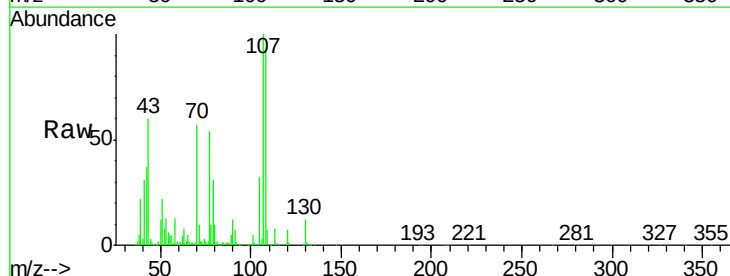
Instrument :
BNA_F
ClientSampleId :

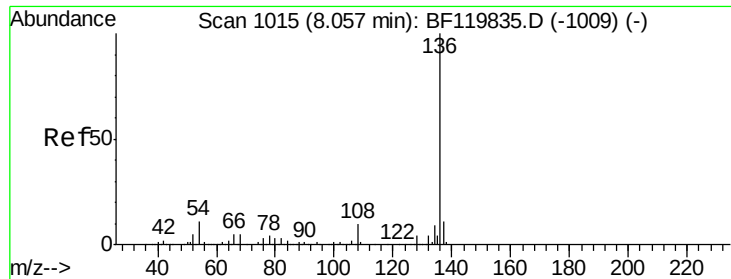
Tot Ion: 70 Resp: 487444
Ion Ratio Lower Upper
70 100
42 65.9 54.2 81.4
101 9.6 7.4 11.2
130 21.3 17.8 26.6



#20
3+4-Methylphenols
Concen: 58.450 ng
RT: 7.16 min Scan# 862
Delta R.T. 0.01 min
Lab File: BF120071.D
Acq: 17 Apr 2020 20:44

Tgt Ion: 107 Resp: 674128
Ion Ratio Lower Upper
107 100
108 93.4 68.2 108.2
77 54.2 86.6 126.6#
79 31.2 7.7 47.7

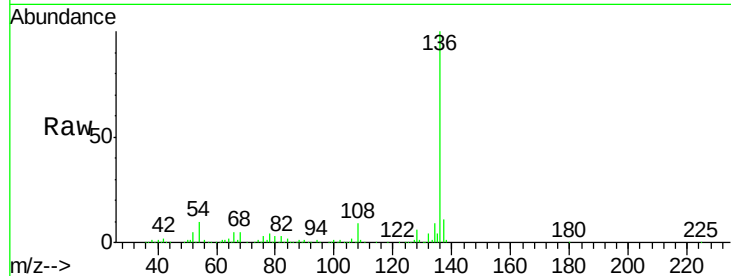




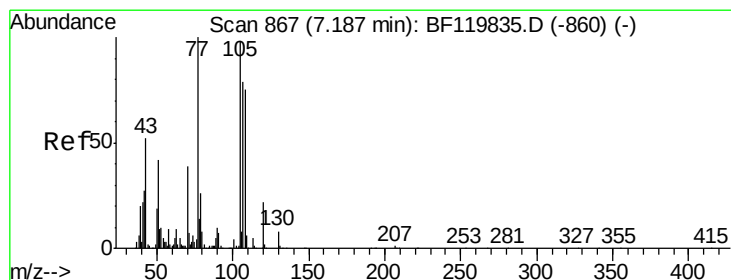
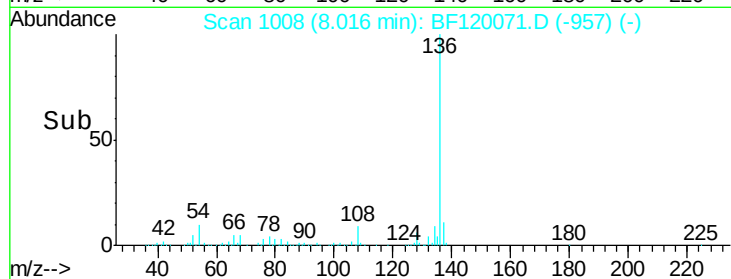
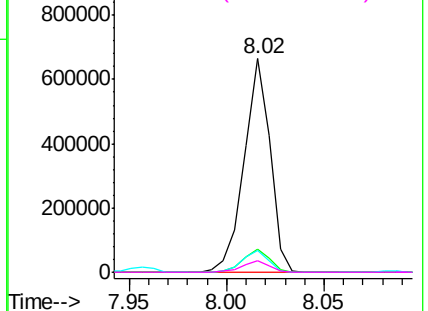
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1008
Delta R.T. 0.00 min
Lab File: BF120071.D
Acq: 17 Apr 2020 20:44

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp:	614312
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.7 13.1
54	10.4	8.5 12.7
68	5.5	3.9 5.9

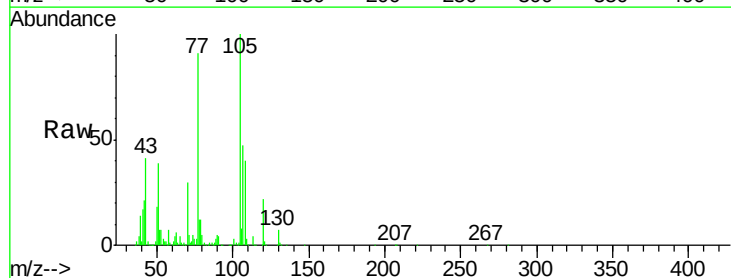


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

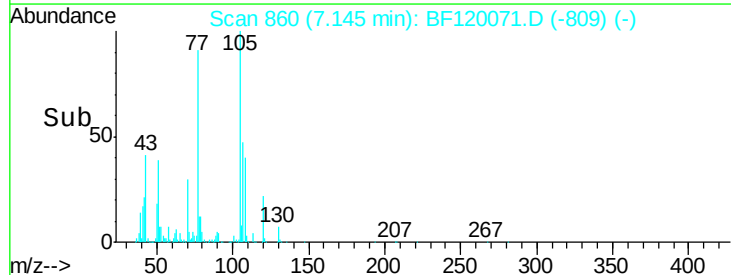
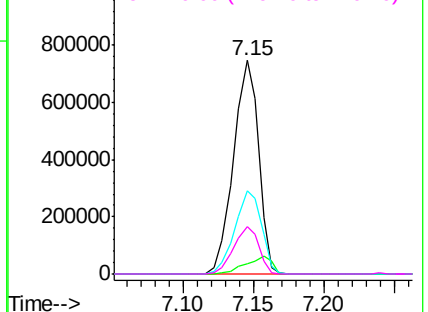


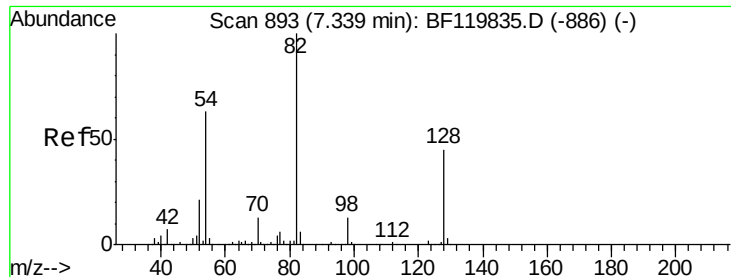
#22
Acetophenone
Concen: 64.087 ng
RT: 7.15 min Scan# 860
Delta R.T. 0.00 min
Lab File: BF120071.D
Acq: 17 Apr 2020 20:44

Tgt Ion:105	Resp:	921913
Ion Ratio	Lower	Upper
105	100	
71	5.0	5.6 8.4#
51	38.9	33.9 50.9
120	22.2	17.8 26.8



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

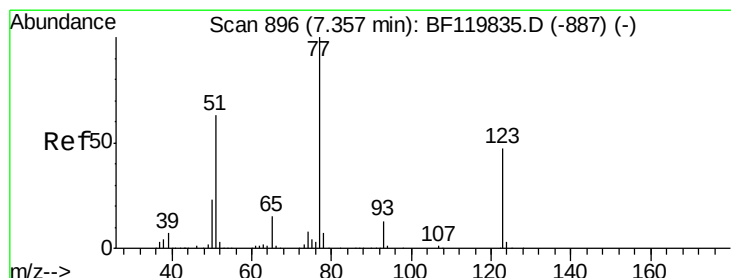
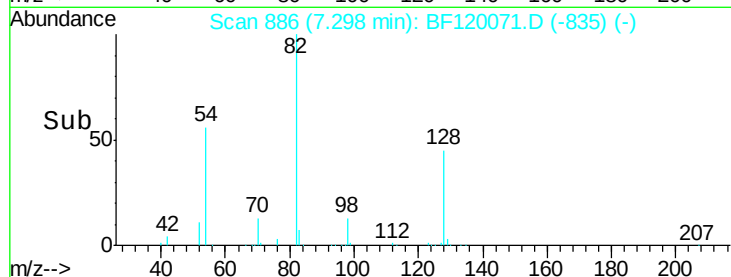
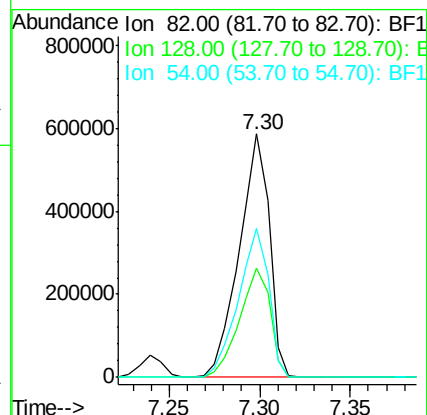
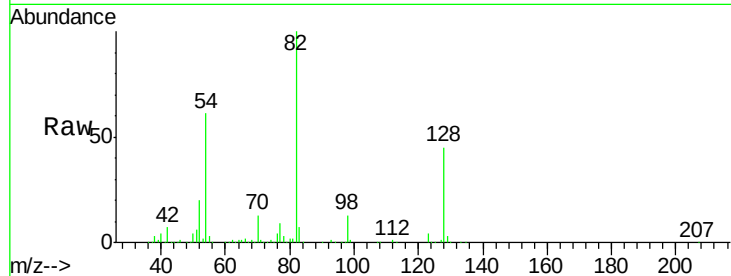




#23
 Nitrobenzene-d5
 Concen: 57.004 ng
 RT: 7.30 min Scan# 886
 Delta R.T. 0.00 min
 Lab File: BF120071.D
 Acq: 17 Apr 2020 20:44

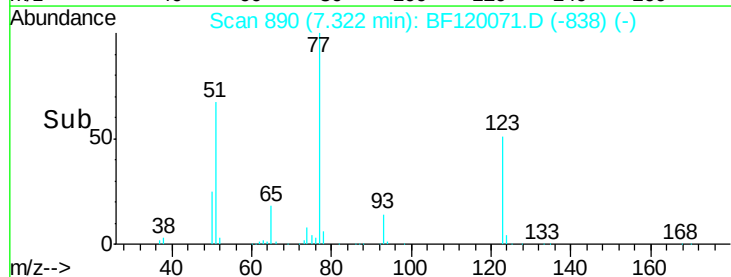
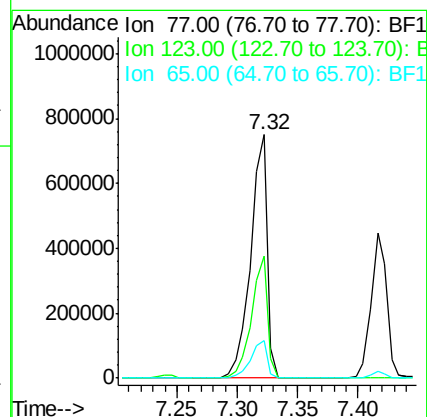
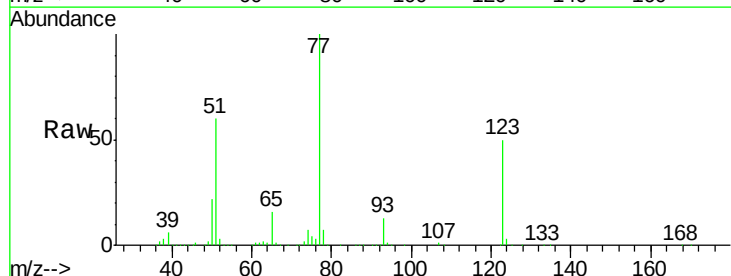
Instrument :
 BNA_F
 ClientSampleId :

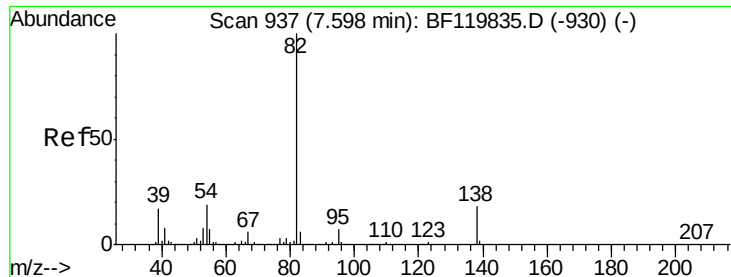
Tot Ion	82	Resp	676900
Ion Ratio	100	Lower	Upper
128	44.8	36.2	54.4
54	61.1	50.4	75.6



#24
 Nitrobenzene
 Concen: 60.305 ng
 RT: 7.32 min Scan# 890
 Delta R.T. 0.01 min
 Lab File: BF120071.D
 Acq: 17 Apr 2020 20:44

Tgt Ion	77	Resp	720360
Ion Ratio	100	Lower	Upper
123	50.1	37.8	56.8
65	15.7	12.2	18.2





#25

Isophorone

Concen: 58.701 ng

RT: 7.56 min Scan# 931

Delta R.T. 0.00 min

Lab File: BF120071.D

Acq: 17 Apr 2020 20:44

Instrument :

BNA_F

ClientSampleId :

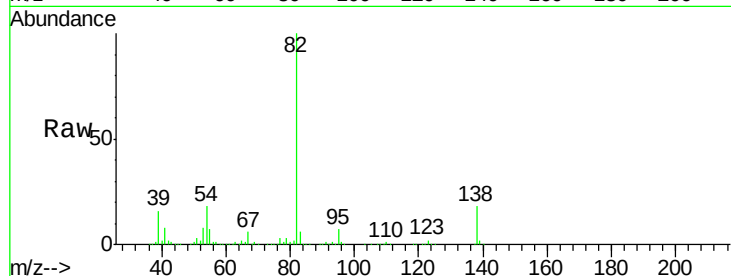
Tot Ion: 82 Resp: 1343692

Ion Ratio Lower Upper

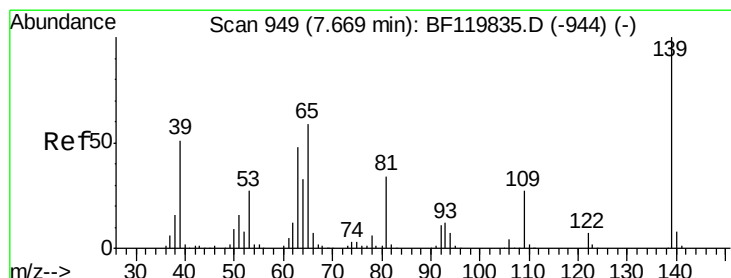
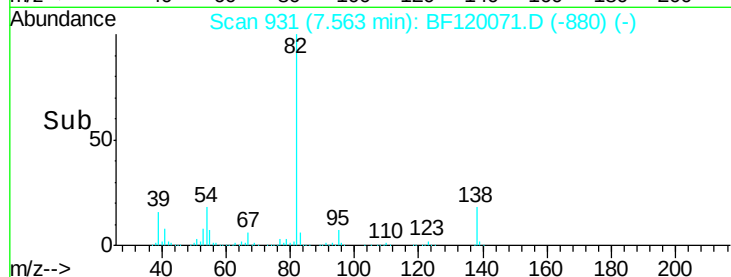
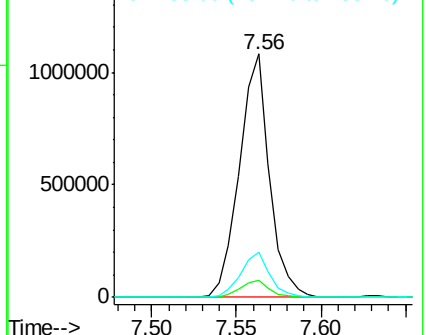
82 100

95 7.0 5.8 8.6

138 18.4 14.5 21.7



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: 50.770 ng

RT: 7.63 min Scan# 943

Delta R.T. 0.00 min

Lab File: BF120071.D

Acq: 17 Apr 2020 20:44

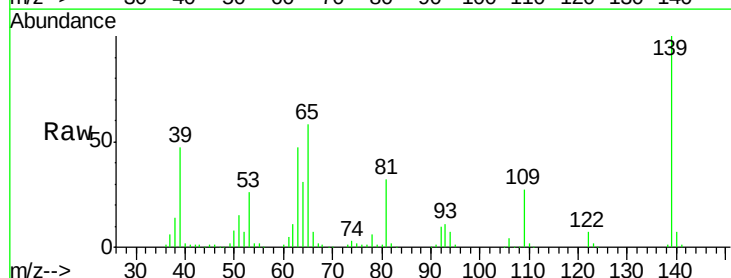
Tgt Ion: 139 Resp: 302989

Ion Ratio Lower Upper

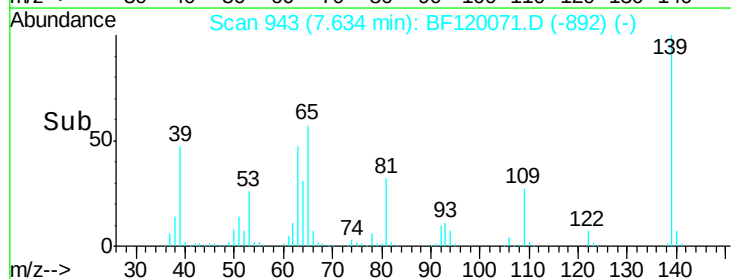
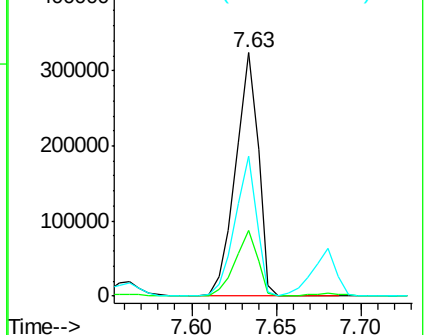
139 100

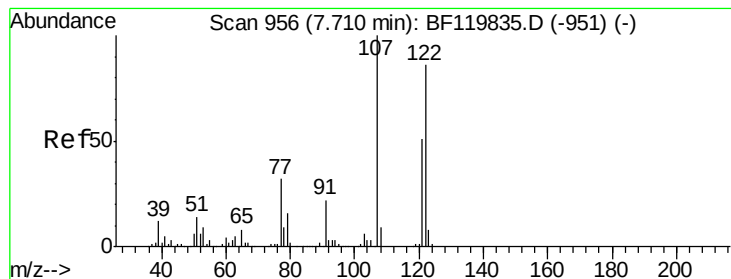
109 26.9 21.8 32.6

65 57.6 47.0 70.4



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: 62.483 ng

RT: 7.68 min Scan# 951

Delta R.T. 0.01 min

Lab File: BF120071.D

Acq: 17 Apr 2020 20:44

Instrument :

BNA_F

ClientSampleId :

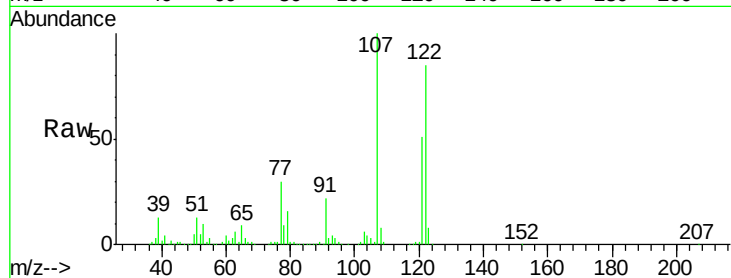
Tot Ion:122 Resp: 562394

Ion Ratio Lower Upper

122 100

107 117.7 92.3 138.5

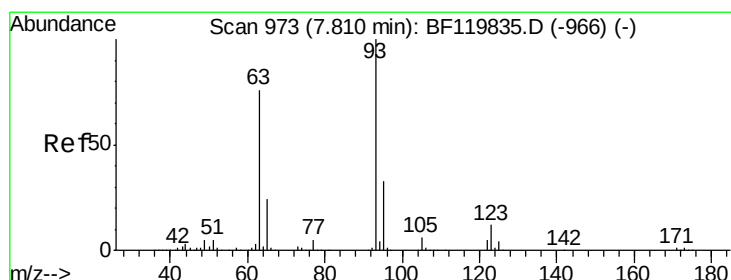
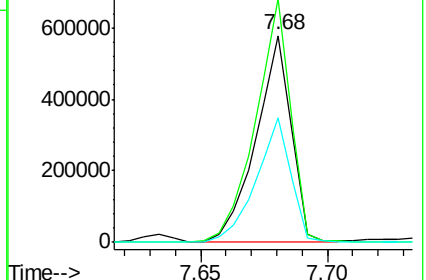
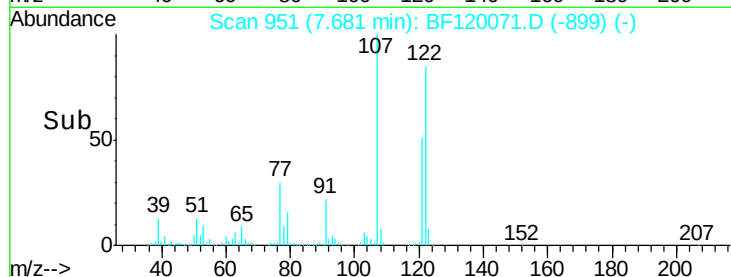
121 60.2 46.6 70.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 64.191 ng

RT: 7.77 min Scan# 966

Delta R.T. 0.00 min

Lab File: BF120071.D

Acq: 17 Apr 2020 20:44

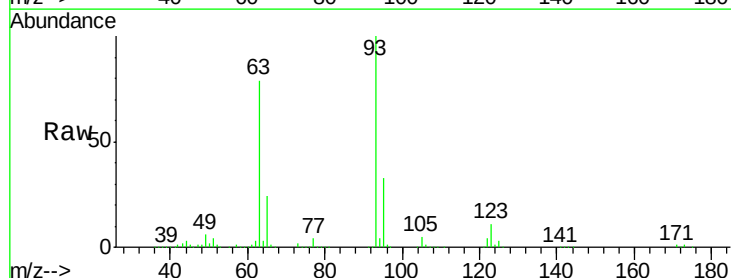
Tgt Ion: 93 Resp: 864638

Ion Ratio Lower Upper

93 100

95 33.1 26.4 39.6

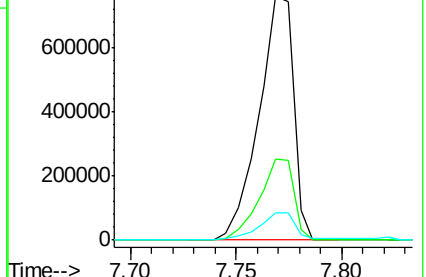
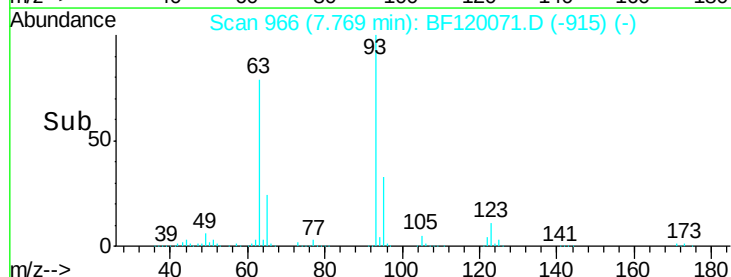
123 11.3 9.7 14.5

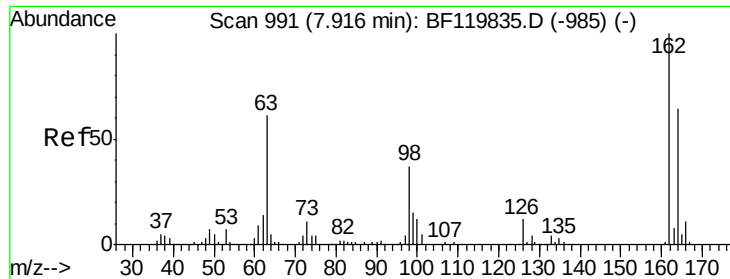


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

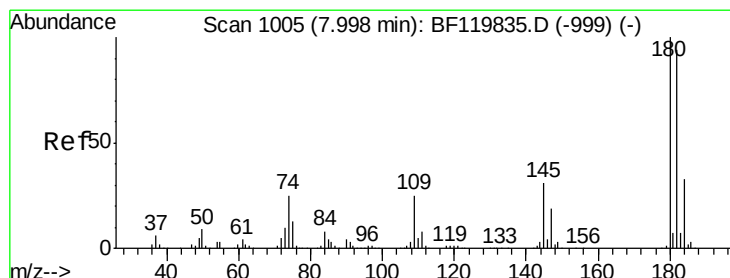
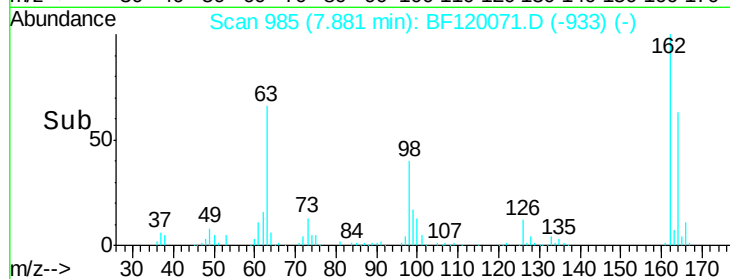
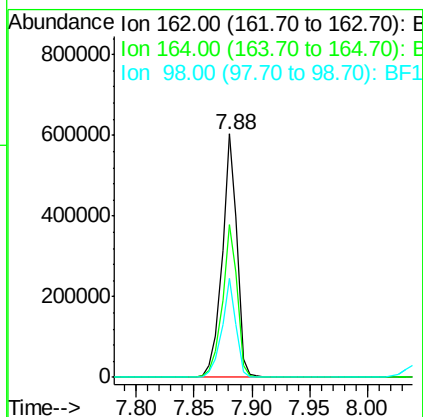
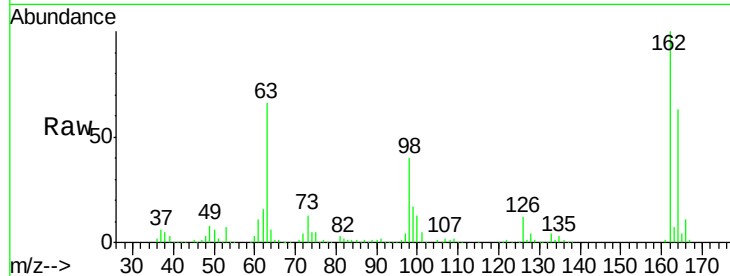




#29
 2,4-Dichlorophenol
 Concen: 58.336 ng
 RT: 7.88 min Scan# 985
 Delta R.T. 0.01 min
 Lab File: BF120071.D
 Acq: 17 Apr 2020 20:44

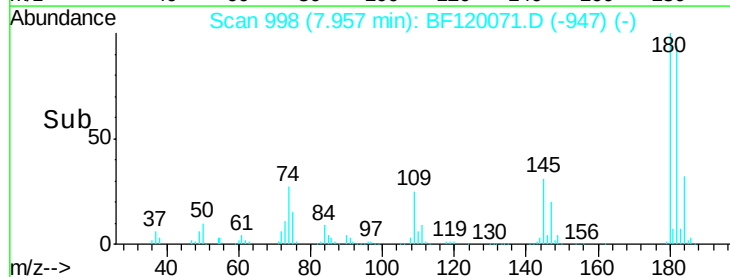
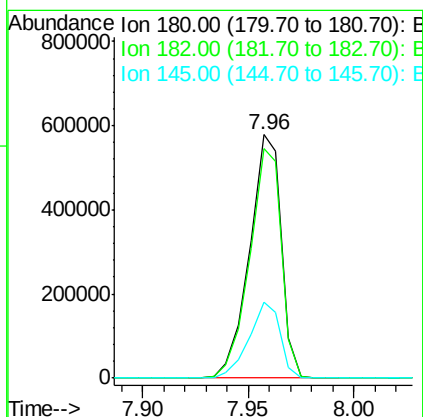
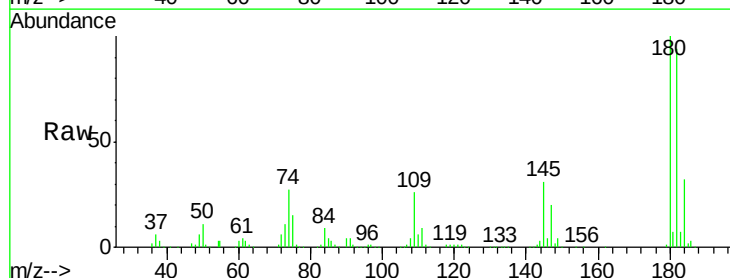
Instrument :
 BNA_F
 ClientSampleId :

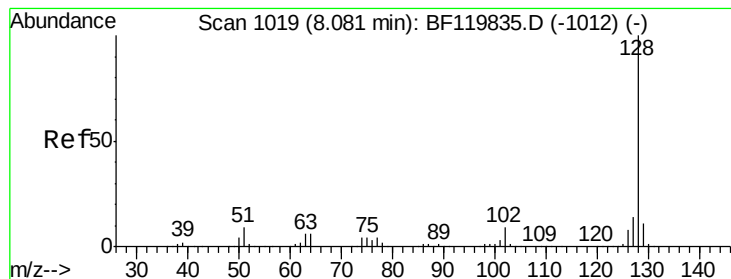
Tot Ion	Ratio	Lower	Upper
162	100		
164	62.9	44.4	84.4
98	40.5	17.3	57.3



#30
 1,2,4-Trichlorobenzene
 Concen: 57.659 ng
 RT: 7.96 min Scan# 998
 Delta R.T. 0.00 min
 Lab File: BF120071.D
 Acq: 17 Apr 2020 20:44

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.3	75.4	113.0
145	31.2	24.6	37.0





#31

Naphthalene

Concen: 58.219 ng

RT: 8.04 min Scan# 1012

Delta R.T. 0.00 min

Lab File: BF120071.D

Acq: 17 Apr 2020 20:44

Instrument :

BNA_F

ClientSampleId :

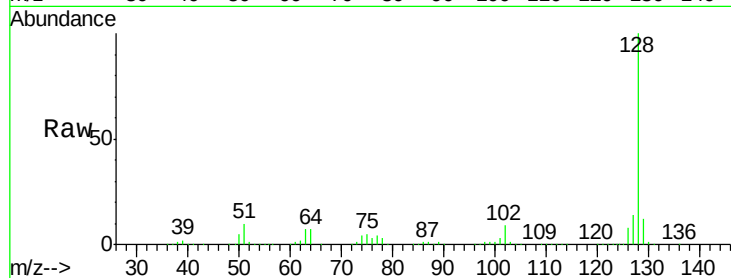
Tot Ion:128 Resp: 1881680

Ion Ratio Lower Upper

128 100

129 12.0 9.0 13.6

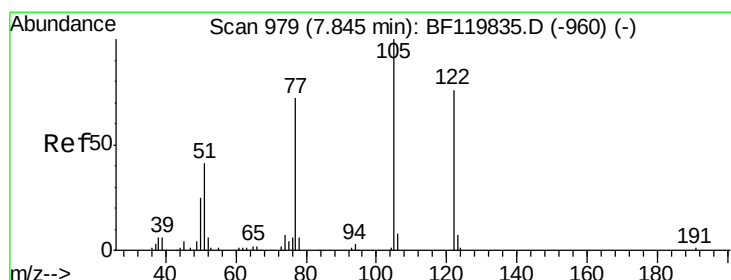
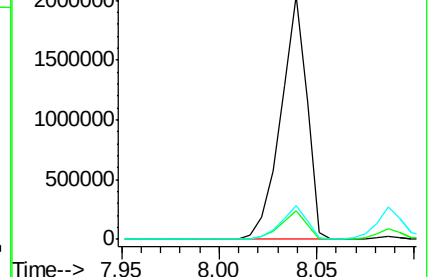
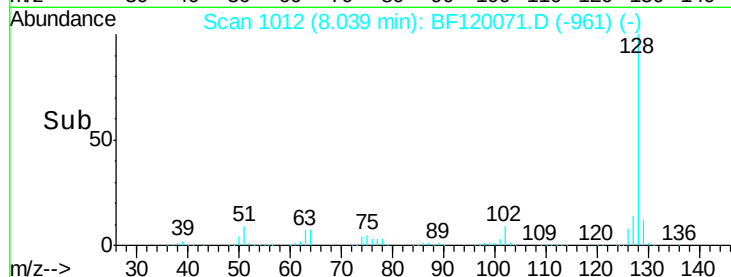
127 13.8 11.0 16.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 31.168 ng

RT: 7.82 min Scan# 975

Delta R.T. 0.00 min

Lab File: BF120071.D

Acq: 17 Apr 2020 20:44

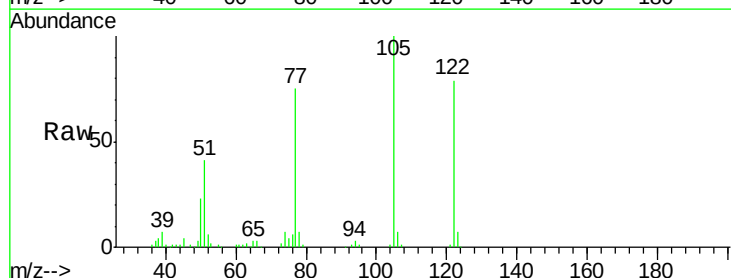
Tgt Ion:122 Resp: 246381

Ion Ratio Lower Upper

122 100

105 126.3 106.7 146.7

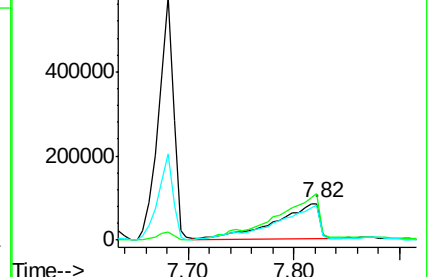
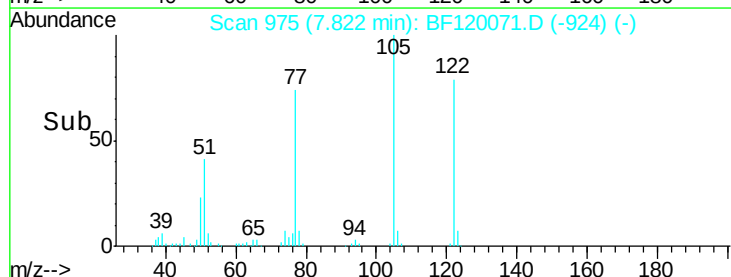
77 94.3 72.1 112.1

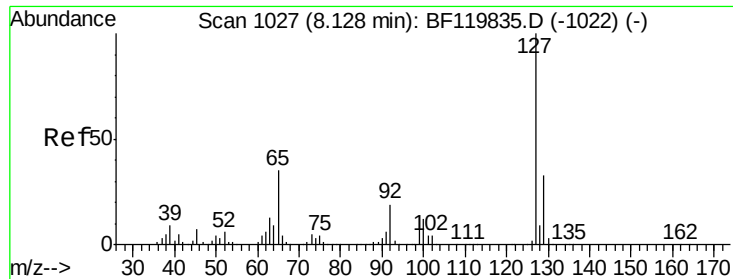


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

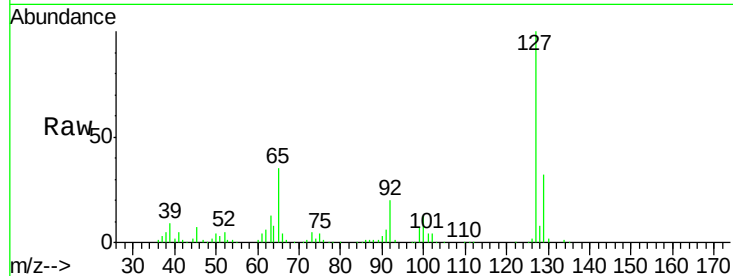




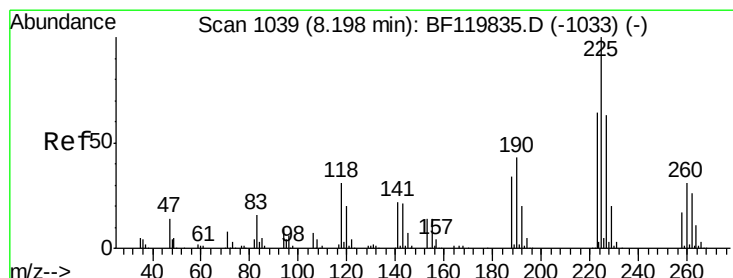
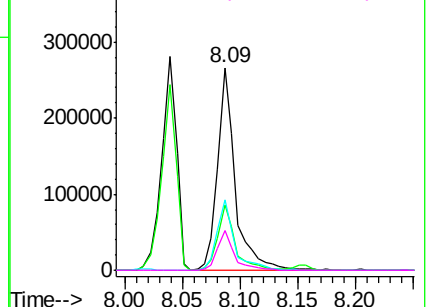
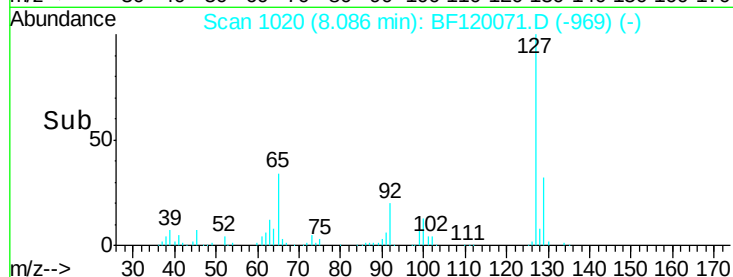
#33
4-Chloroaniline
Concen: 19.843 ng
RT: 8.09 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BF120071.D
Acq: 17 Apr 2020 20:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	279198
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.2	39.2
65	34.9	28.3	42.5
92	19.8	15.4	23.2

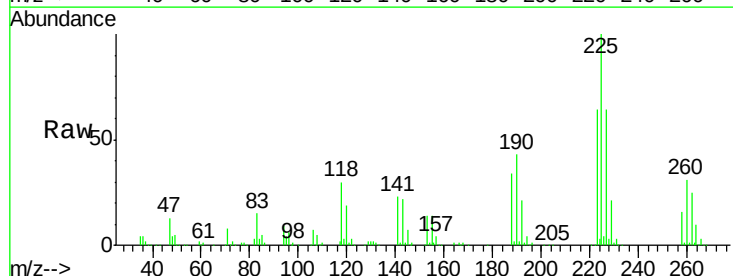


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

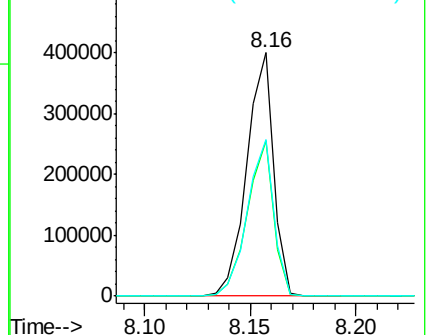
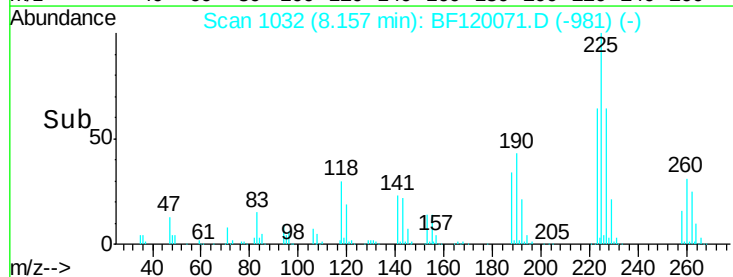


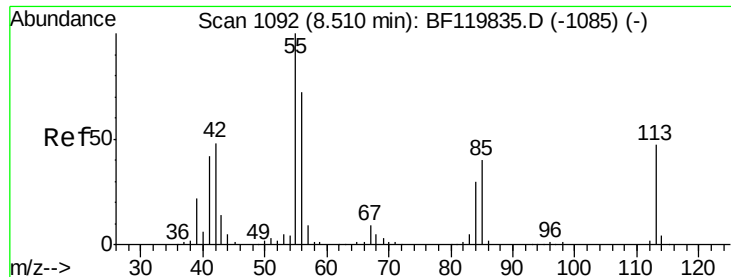
#34
Hexachlorobutadiene
Concen: 56.224 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF120071.D
Acq: 17 Apr 2020 20:44

Tgt Ion:	225	Resp:	351834
Ion	Ratio	Lower	Upper
225	100		
223	63.6	51.0	76.6
227	64.4	50.4	75.6



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

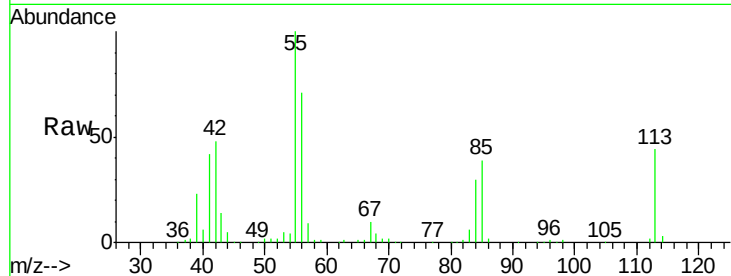




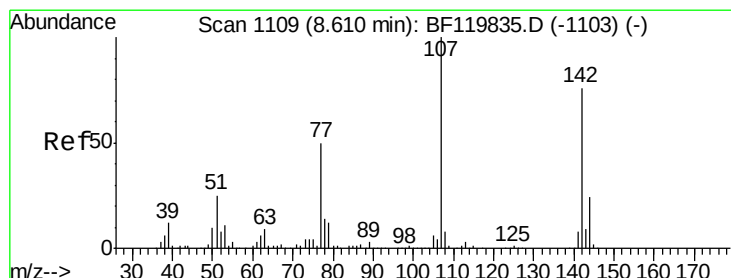
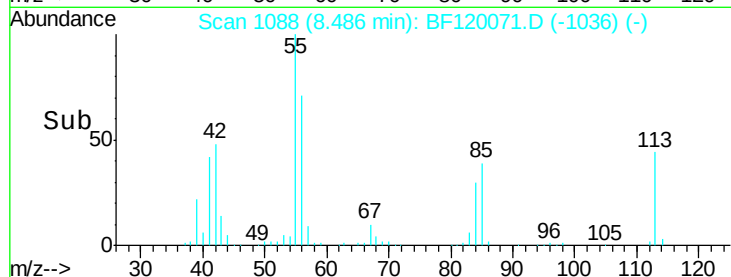
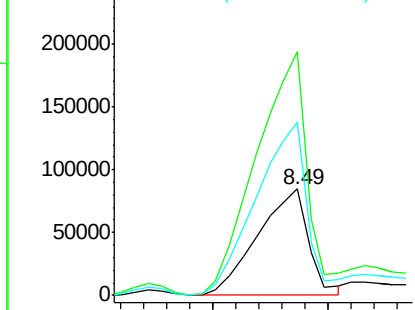
#35
 Caprolactam
 Concen: 45.814 ng
 RT: 8.49 min Scan# 1088
 Delta R.T. 0.01 min
 Lab File: BF120071.D
 Acq: 17 Apr 2020 20:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 129294
 Ion Ratio Lower Upper
 113 100
 55 229.0 192.7 232.7
 56 163.3 133.3 173.3

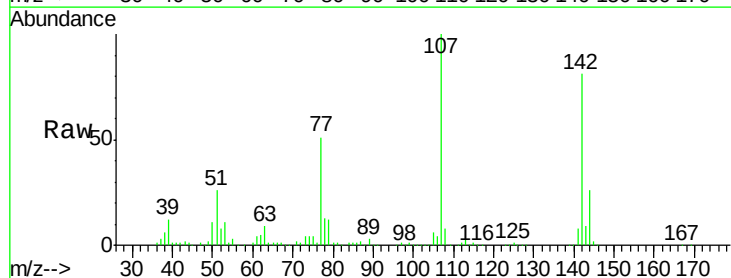


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

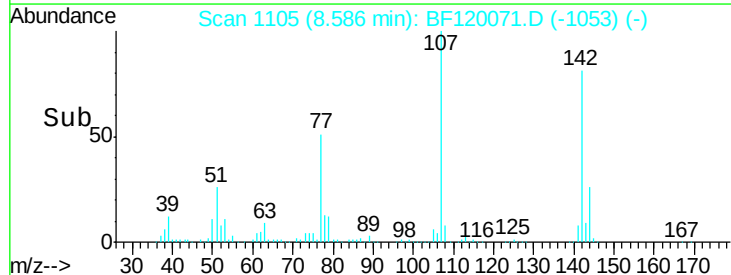
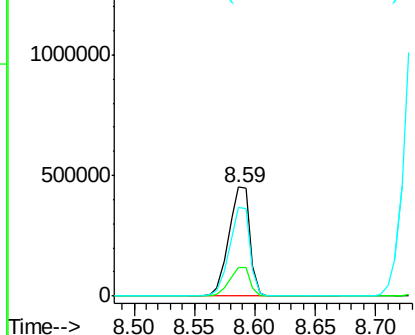


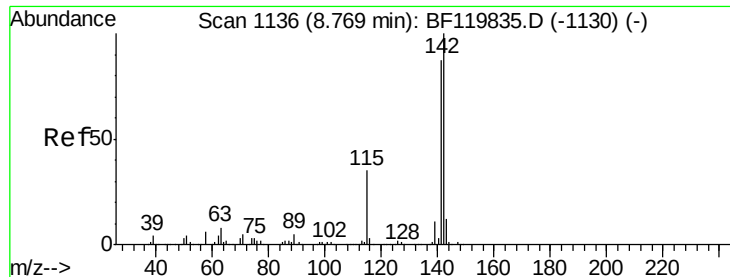
#36
 4-Chloro-3-methylphenol
 Concen: 55.003 ng
 RT: 8.59 min Scan# 1105
 Delta R.T. 0.01 min
 Lab File: BF120071.D
 Acq: 17 Apr 2020 20:44

Tgt Ion:107 Resp: 549400
 Ion Ratio Lower Upper
 107 100
 144 26.0 19.5 29.3
 142 80.7 60.5 90.7



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

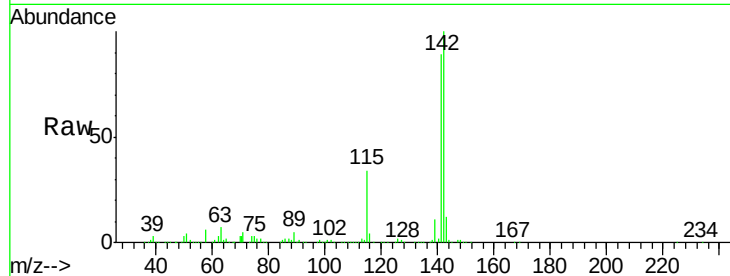




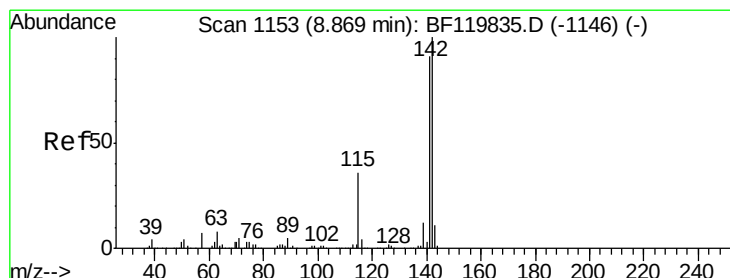
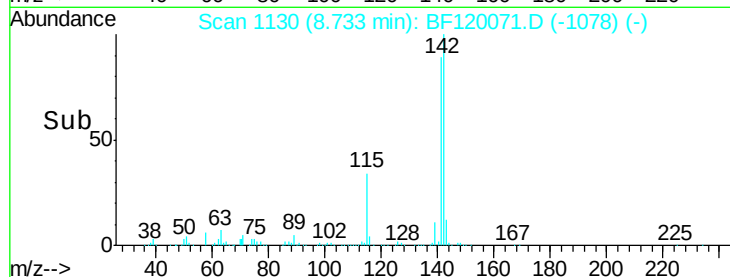
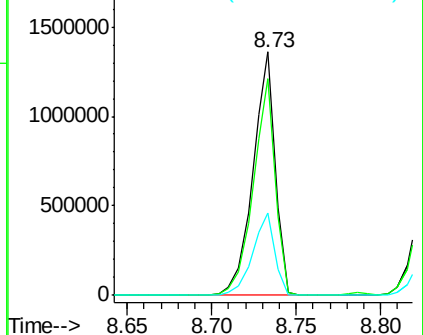
#37
 2-Methylnaphthalene
 Concen: 57.097 ng
 RT: 8.73 min Scan# 1130
 Delta R.T. 0.01 min
 Lab File: BF120071.D
 Acq: 17 Apr 2020 20:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:142 Resp: 1251130
 Ion Ratio Lower Upper
 142 100
 141 88.9 69.9 104.9
 115 34.0 28.0 42.0

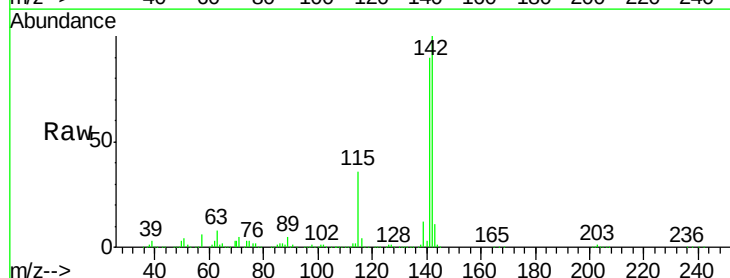


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

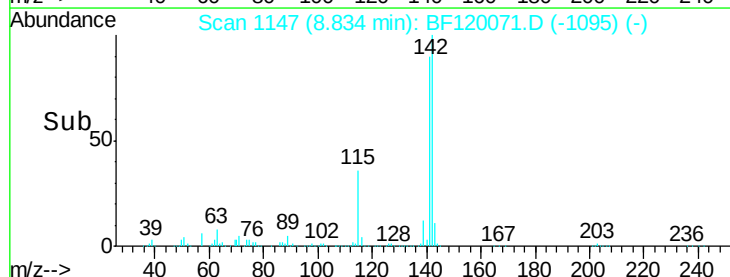
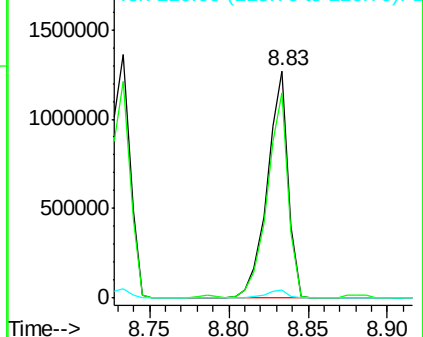


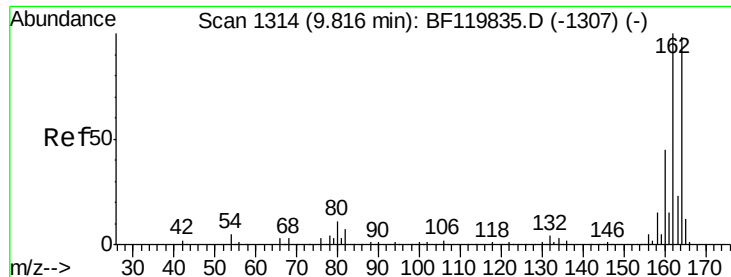
#38
 1-Methylnaphthalene
 Concen: 56.760 ng
 RT: 8.83 min Scan# 1147
 Delta R.T. 0.01 min
 Lab File: BF120071.D
 Acq: 17 Apr 2020 20:44

Tgt Ion:142 Resp: 1172294
 Ion Ratio Lower Upper
 142 100
 141 90.4 72.9 109.3
 116 3.7 3.0 4.6



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

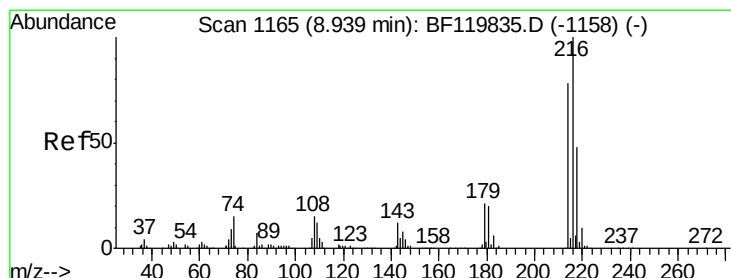
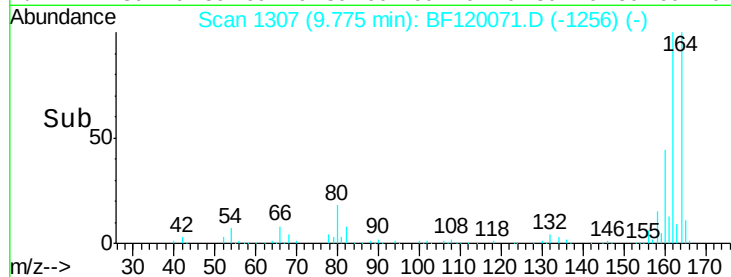
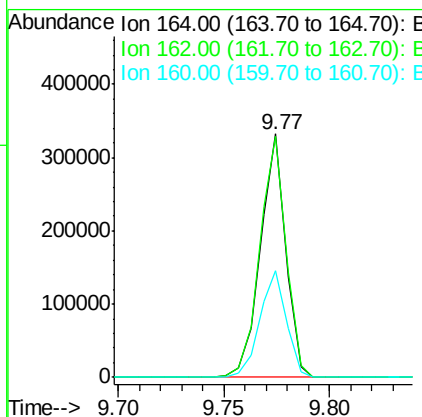
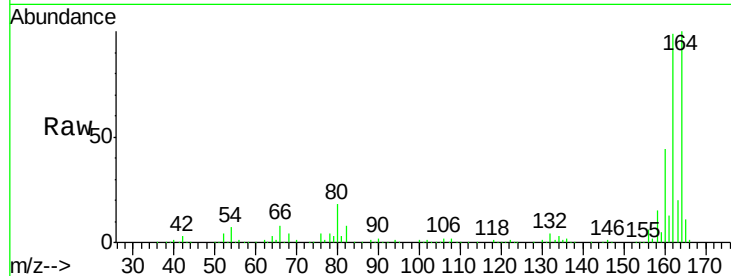




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. 0.00 min
 Lab File: BF120071.D
 Acq: 17 Apr 2020 20:44

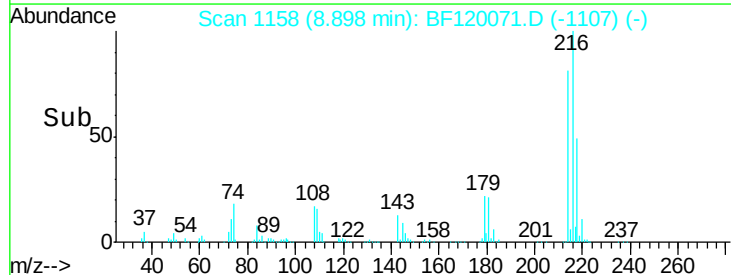
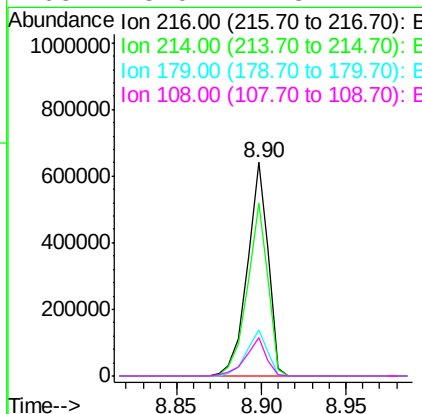
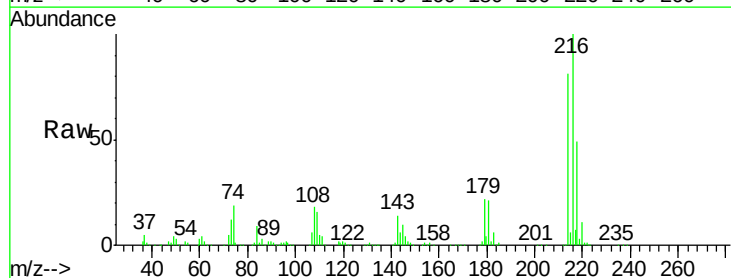
Instrument :
 BNA_F
 ClientSampleId :

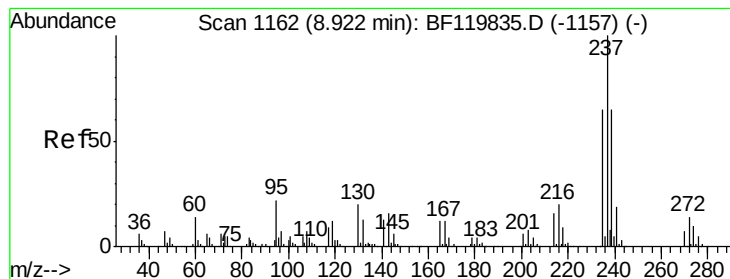
Tot Ion:164	Resp:	278517
Ion Ratio	Lower	Upper
164	100	
162	99.1	81.9 122.9
160	43.8	36.6 54.8



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 62.506 ng
 RT: 8.90 min Scan# 1158
 Delta R.T. 0.00 min
 Lab File: BF120071.D
 Acq: 17 Apr 2020 20:44

Tgt Ion:216	Resp:	549852
Ion Ratio	Lower	Upper
216	100	
214	80.5	63.1 94.7
179	21.5	17.0 25.4
108	18.0	14.8 22.2





#41

Hexachlorocyclopentadiene

Concen: 29.966 ng

RT: 8.88 min Scan# 1155

Delta R.T. -0.01 min

Lab File: BF120071.D

Acq: 17 Apr 2020 20:44

Instrument :

BNA_F

ClientSampleId :

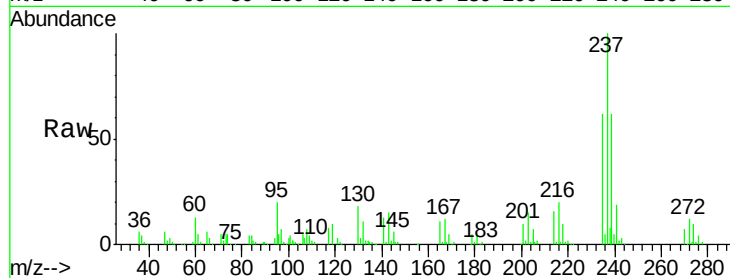
Tot Ion:237 Resp: 149894

Ion Ratio Lower Upper

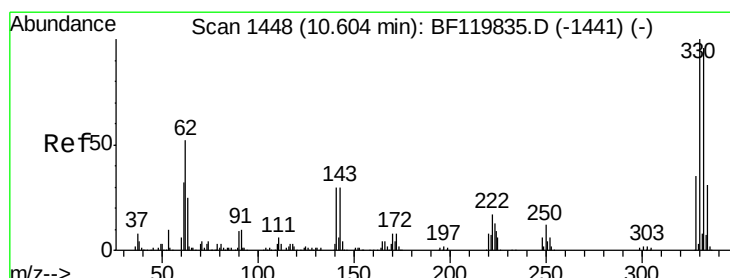
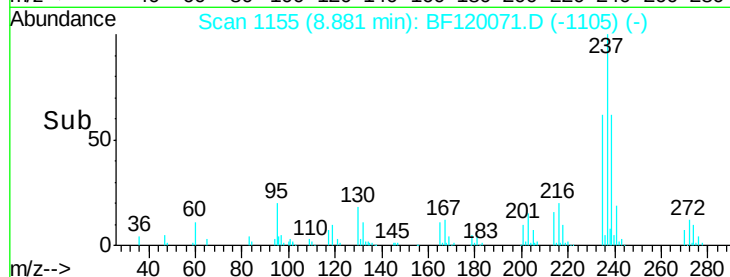
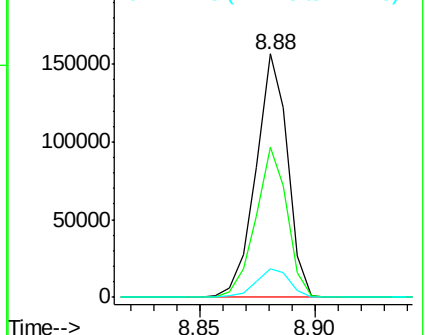
237 100

235 61.6 44.9 84.9

272 11.9 0.0 33.6



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



#42

2,4,6-Tribromophenol

Concen: 56.884 ng

RT: 10.56 min Scan# 1441

Delta R.T. -0.01 min

Lab File: BF120071.D

Acq: 17 Apr 2020 20:44

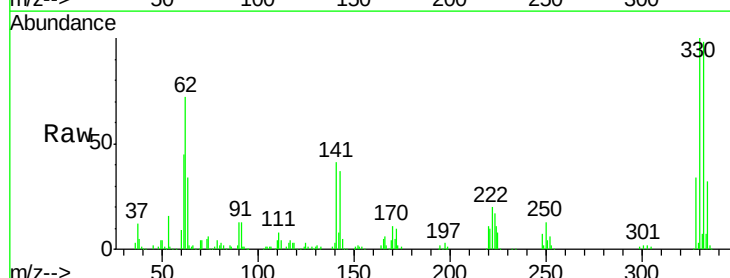
Tgt Ion:330 Resp: 193973

Ion Ratio Lower Upper

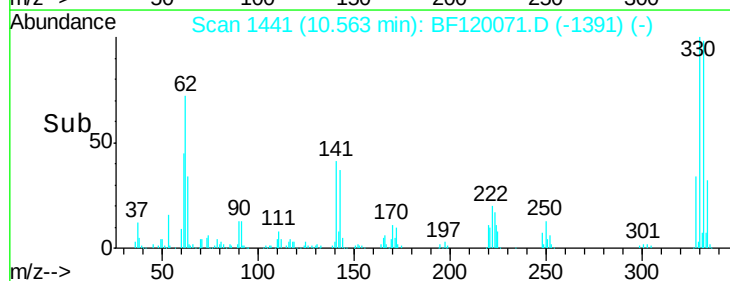
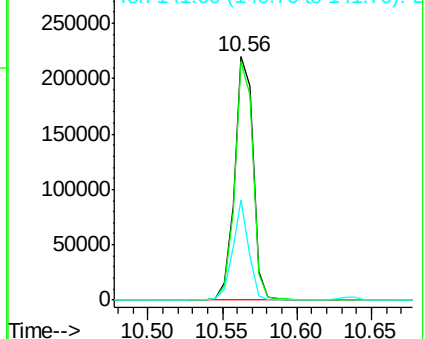
330 100

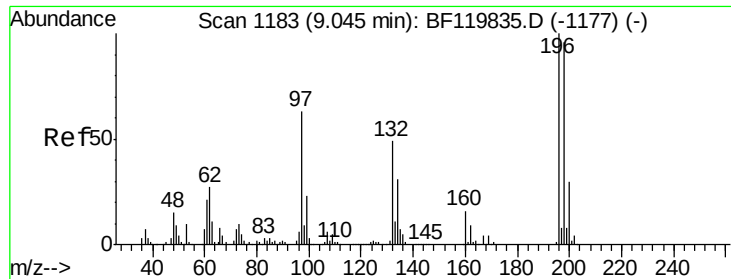
332 96.2 76.8 115.2

141 35.6 25.1 37.7



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

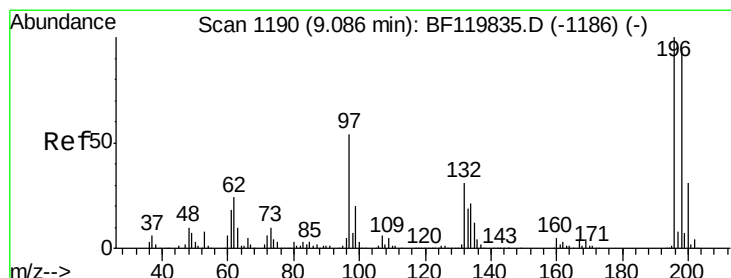
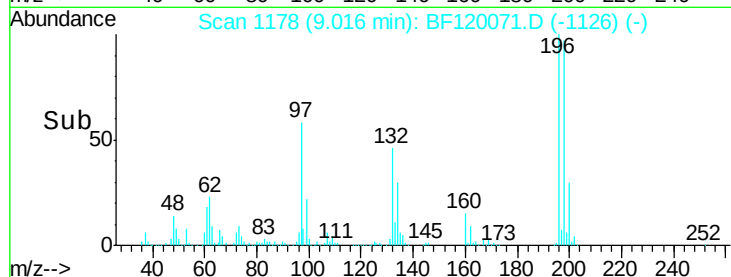
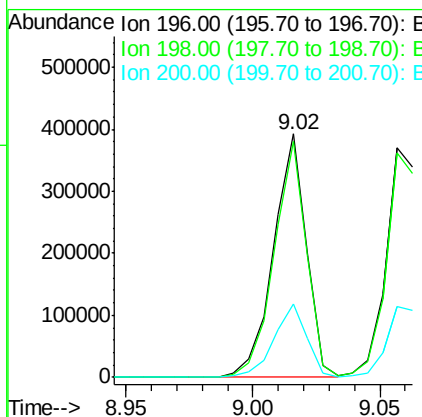
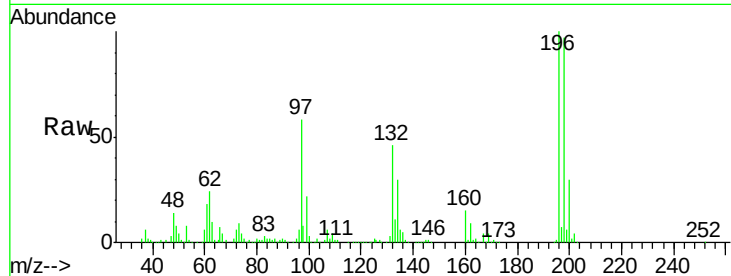




#43
 2,4,6-Trichlorophenol
 Concen: 58.781 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. 0.01 min
 Lab File: BF120071.D
 Acq: 17 Apr 2020 20:44

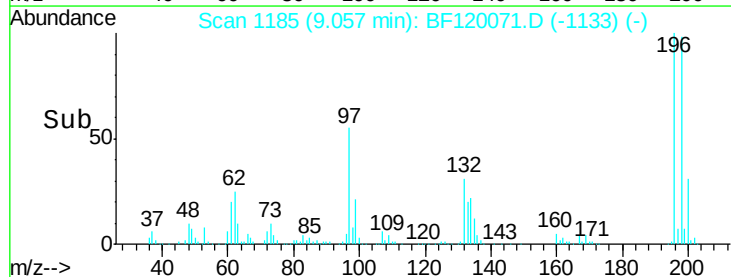
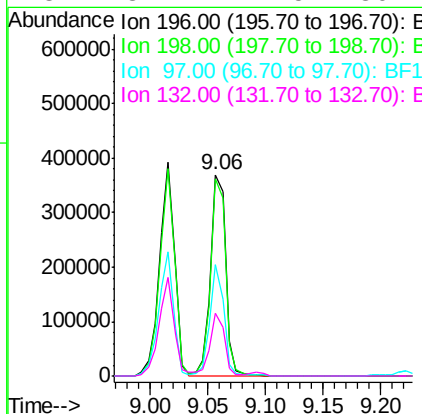
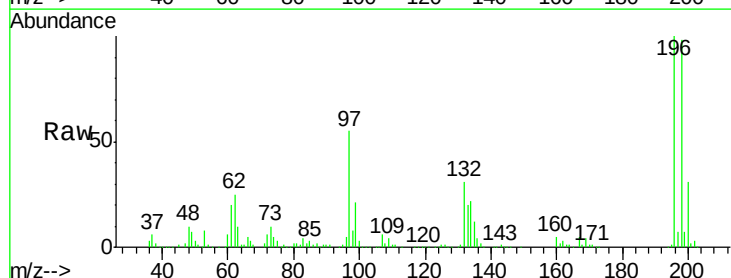
Instrument :
 BNA_F
 ClientSampleId :

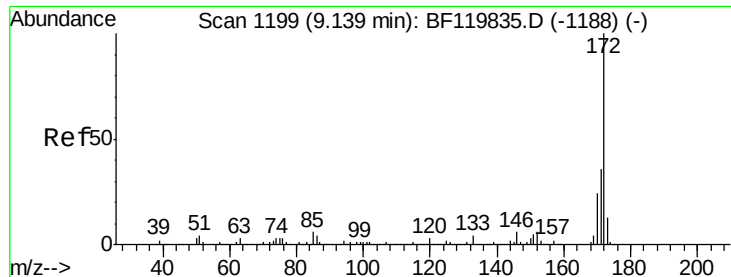
Tot Ion:196 Resp: 357069
 Ion Ratio Lower Upper
 196 100
 198 96.9 76.6 115.0
 200 29.9 24.2 36.2



#44
 2,4,5-Trichlorophenol
 Concen: 49.671 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. 0.01 min
 Lab File: BF120071.D
 Acq: 17 Apr 2020 20:44

Tgt Ion:196 Resp: 339839
 Ion Ratio Lower Upper
 196 100
 198 98.0 75.1 112.7
 97 55.1 43.4 65.2
 132 31.1 24.5 36.7

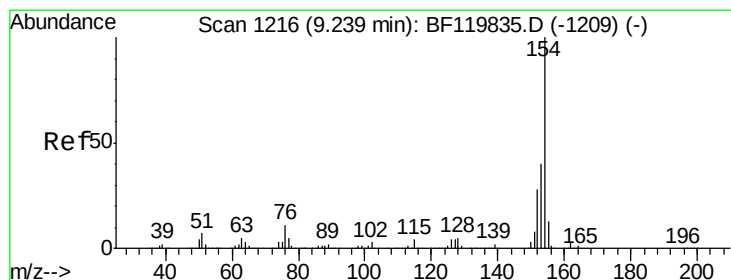
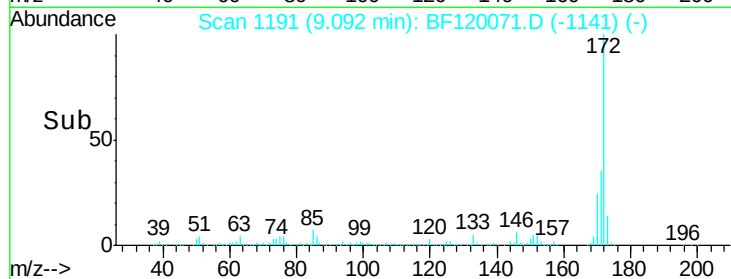
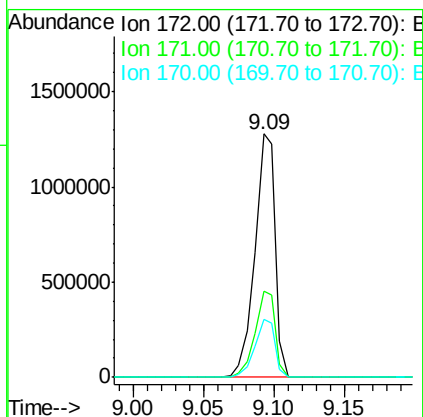
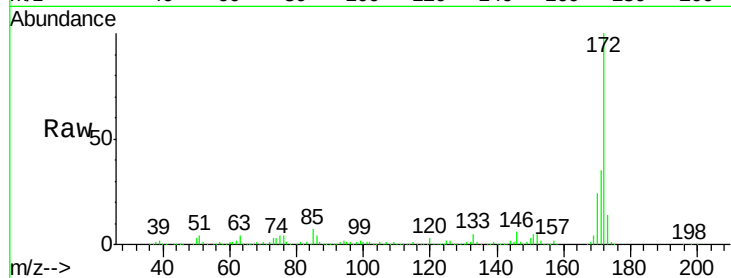




#45
2-Fluorobiphenyl
Concen: 66.232 ng
RT: 9.09 min Scan# 1191
Delta R.T. -0.01 min
Lab File: BF120071.D
Acq: 17 Apr 2020 20:44

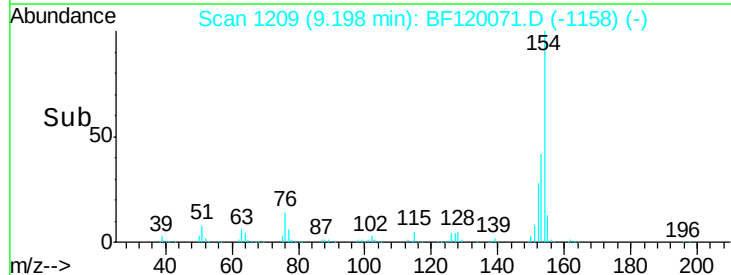
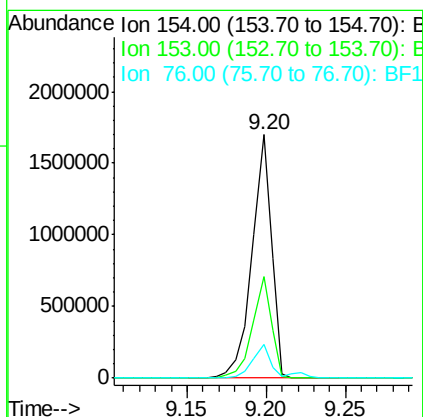
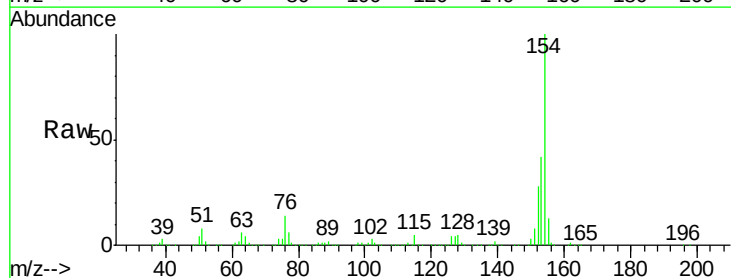
Instrument :
BNA_F
ClientSampleId :

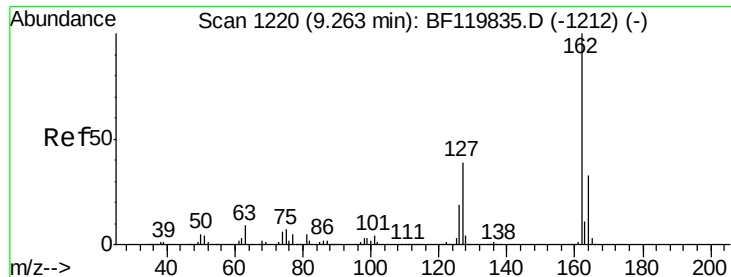
Tot Ion:172 Resp: 1299256
Ion Ratio Lower Upper
172 100
171 35.2 28.9 43.3
170 23.9 19.4 29.2



#46
1,1'-Biphenyl
Concen: 61.564 ng
RT: 9.20 min Scan# 1209
Delta R.T. 0.00 min
Lab File: BF120071.D
Acq: 17 Apr 2020 20:44

Tgt Ion:154 Resp: 1447265
Ion Ratio Lower Upper
154 100
153 41.8 20.5 60.5
76 13.7 0.0 30.6

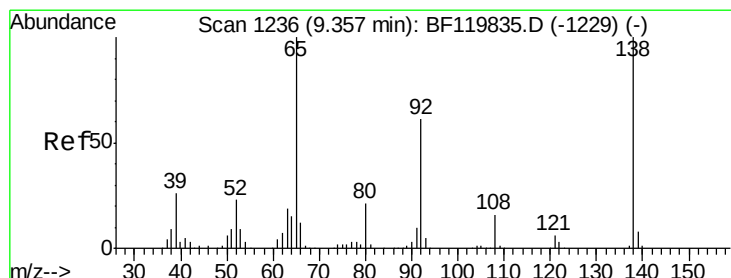
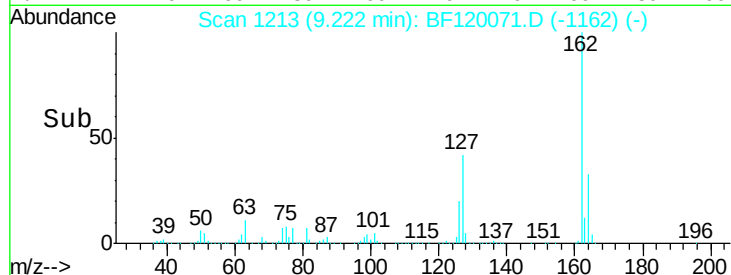
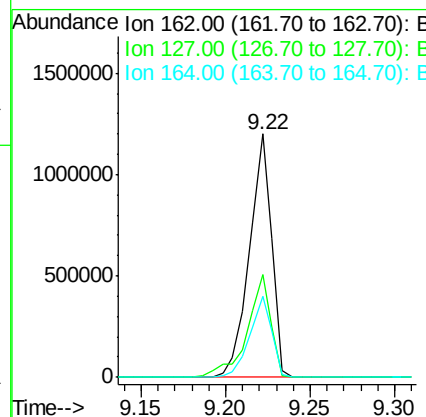
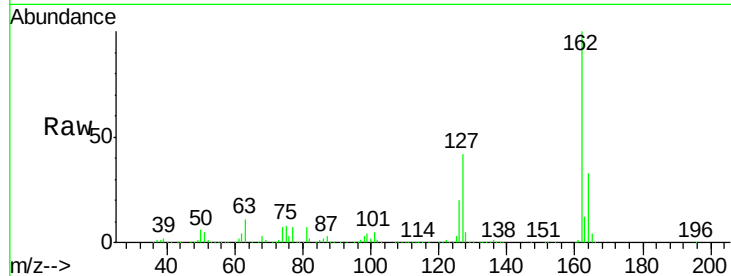




#47
 2-Chloronaphthalene
 Concen: 61.066 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. 0.00 min
 Lab File: BF120071.D
 Acq: 17 Apr 2020 20:44

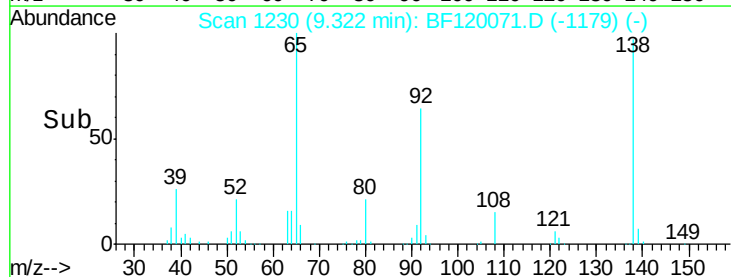
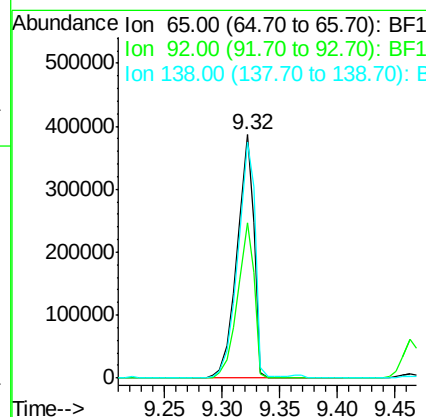
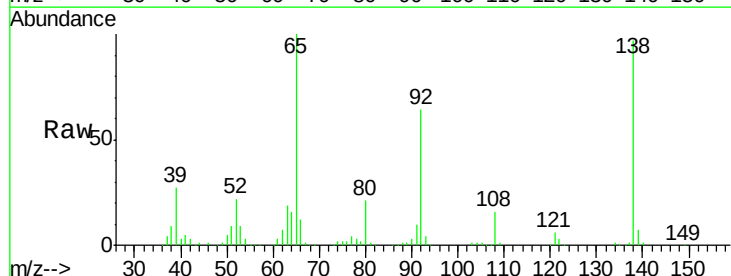
Instrument :
 BNA_F
 ClientSampleId :

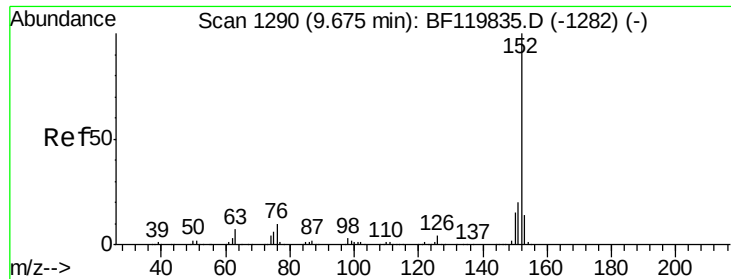
Tot Ion:162 Resp: 1105883
 Ion Ratio Lower Upper
 162 100
 127 42.2 31.2 46.8
 164 33.2 26.3 39.5



#48
 2-Nitroaniline
 Concen: 59.345 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. 0.00 min
 Lab File: BF120071.D
 Acq: 17 Apr 2020 20:44

Tgt Ion: 65 Resp: 389461
 Ion Ratio Lower Upper
 65 100
 92 63.8 49.0 73.6
 138 96.9 79.7 119.5





#49

Acenaphthylene

Concen: 58.638 ng

RT: 9.64 min Scan# 1284

Delta R.T. 0.01 min

Lab File: BF120071.D

Acq: 17 Apr 2020 20:44

Instrument :

BNA_F

ClientSampleId :

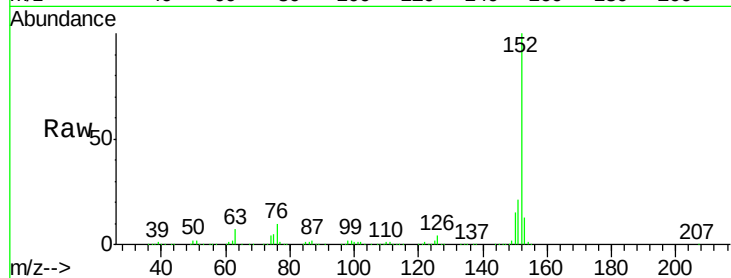
Tot Ion:152 Resp: 1614967

Ion Ratio Lower Upper

152 100

151 20.9 16.2 24.4

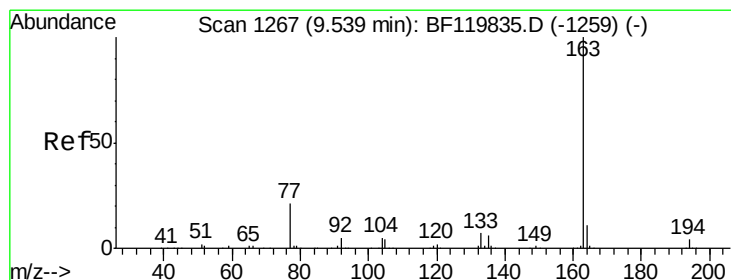
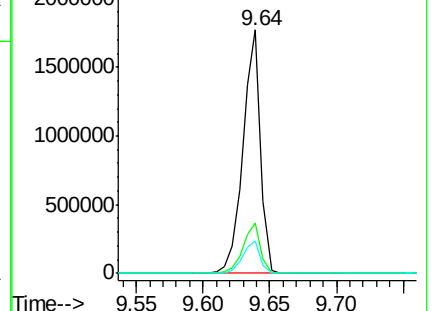
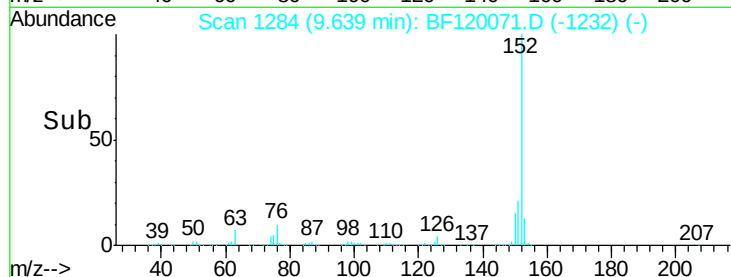
153 13.4 10.9 16.3



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: 71.928 ng

RT: 9.51 min Scan# 1262

Delta R.T. 0.01 min

Lab File: BF120071.D

Acq: 17 Apr 2020 20:44

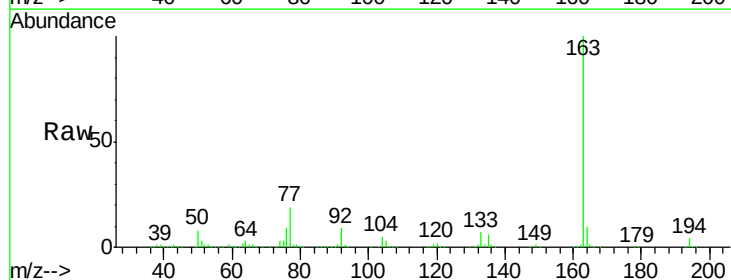
Tgt Ion:163 Resp: 1549530

Ion Ratio Lower Upper

163 100

194 4.1 3.0 4.4

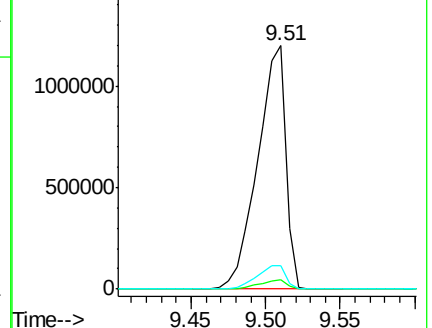
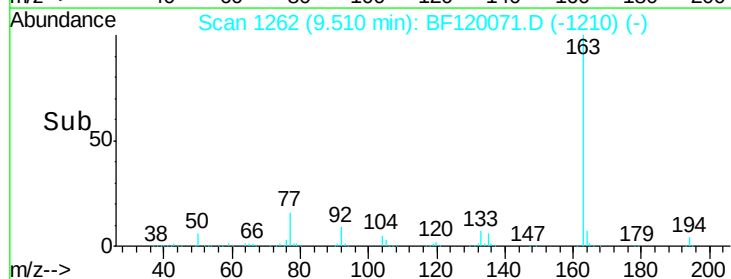
164 9.7 8.4 12.6

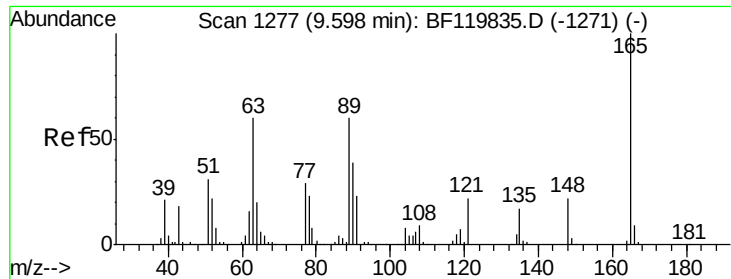


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

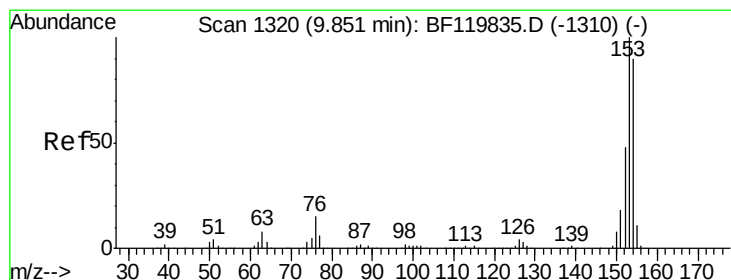
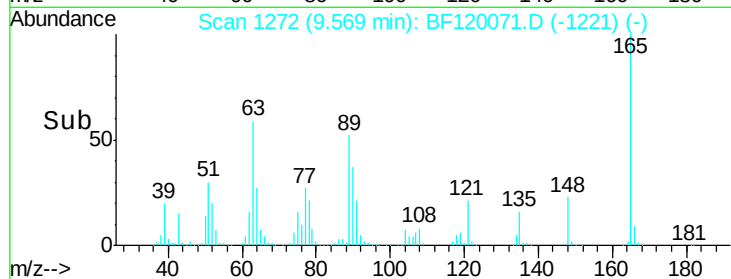
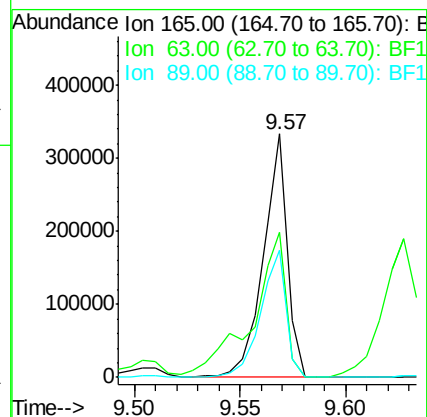
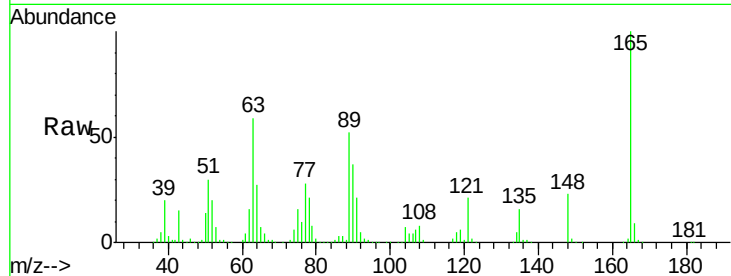




#51
 2,6-Dinitrotoluene
 Concen: 55.924 ng
 RT: 9.57 min Scan# 1272
 Delta R.T. 0.00 min
 Lab File: BF120071.D
 Acq: 17 Apr 2020 20:44

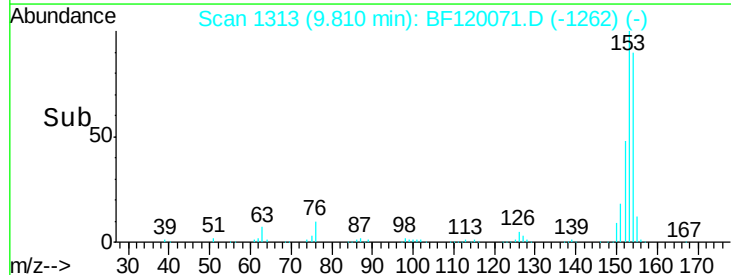
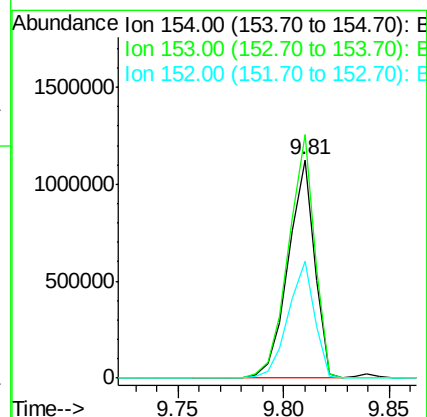
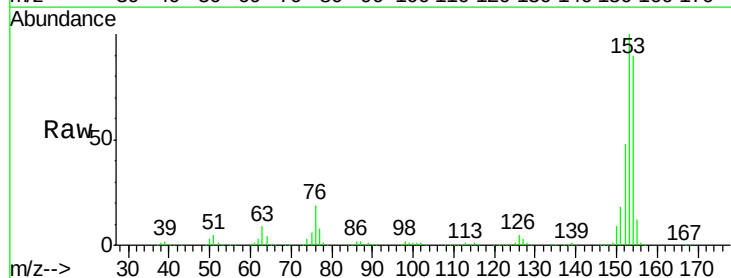
Instrument :
 BNA_F
 ClientSampleId :

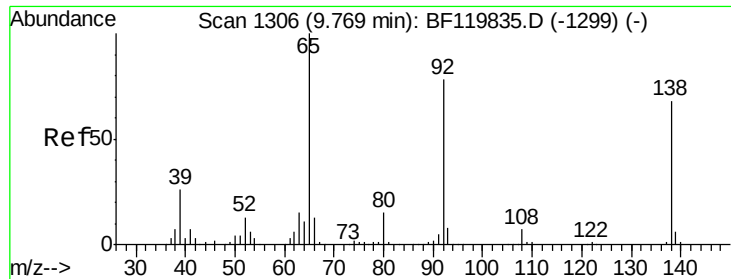
Tot Ion:165 Resp: 263824
 Ion Ratio Lower Upper
 165 100
 63 59.4 55.6 83.4
 89 52.2 47.9 71.9



#52
 Acenaphthene
 Concen: 53.647 ng
 RT: 9.81 min Scan# 1313
 Delta R.T. 0.00 min
 Lab File: BF120071.D
 Acq: 17 Apr 2020 20:44

Tgt Ion:154 Resp: 985587
 Ion Ratio Lower Upper
 154 100
 153 111.7 88.8 133.2
 152 53.3 42.4 63.6

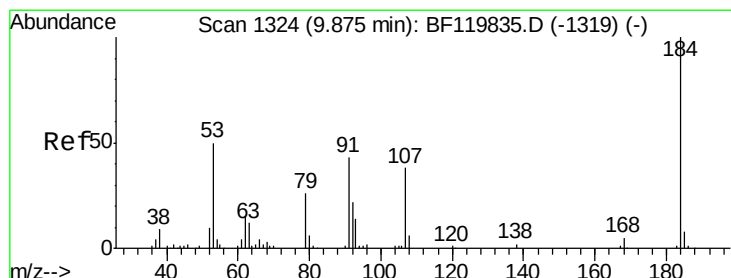
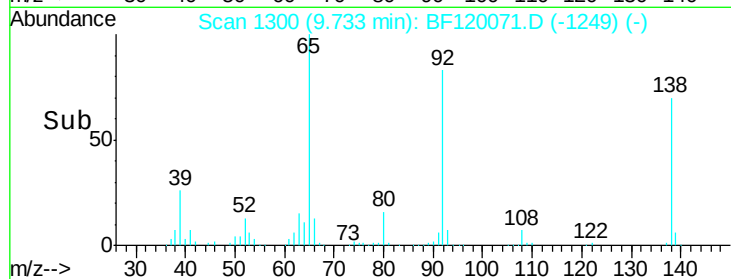
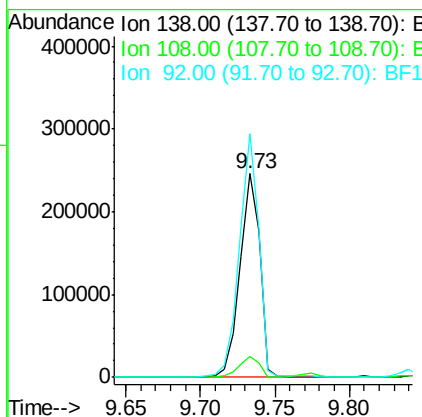
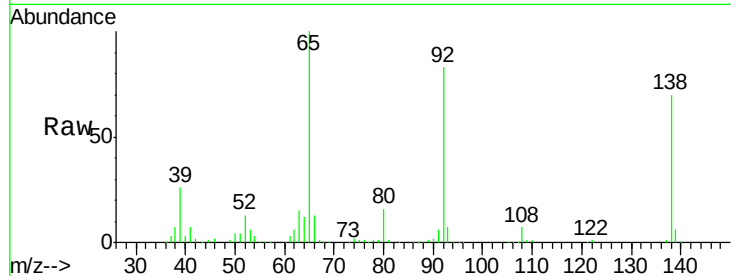




#53
 3-Nitroaniline
 Concen: 42.590 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. 0.00 min
 Lab File: BF120071.D
 Acq: 17 Apr 2020 20:44

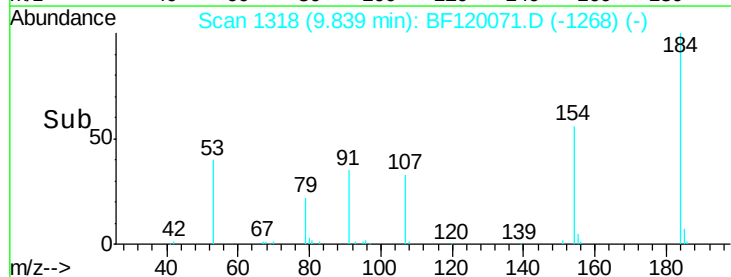
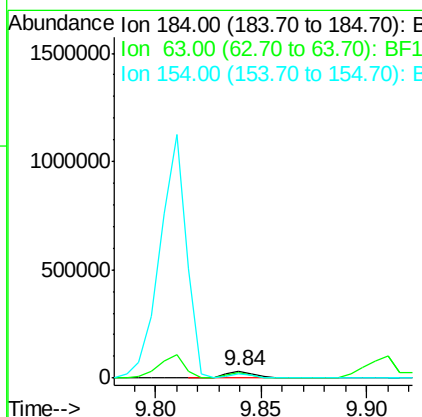
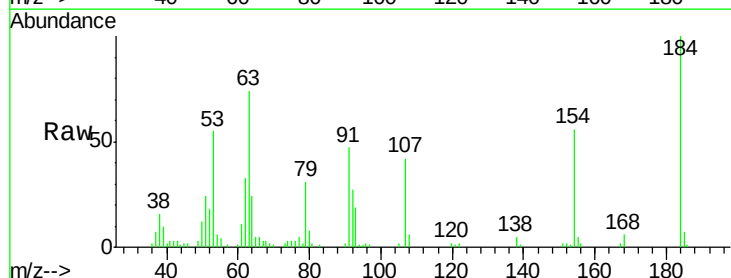
Instrument :
 BNA_F
 ClientSampleId :

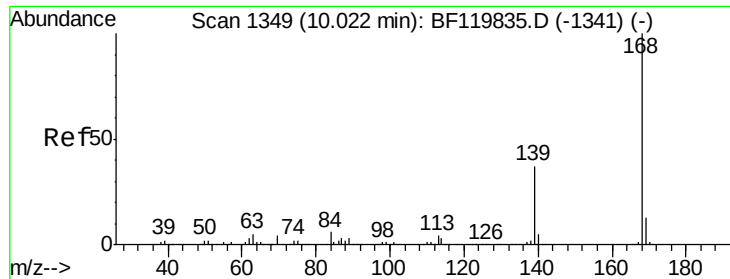
Tot Ion:138 Resp: 229472
 Ion Ratio Lower Upper
 138 100
 108 10.6 8.0 12.0
 92 119.4 92.1 138.1



#54
 2,4-Dinitrophenol
 Concen: 11.392 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.01 min
 Lab File: BF120071.D
 Acq: 17 Apr 2020 20:44

Tgt Ion:184 Resp: 32176
 Ion Ratio Lower Upper
 184 100
 63 74.0 49.8 74.6
 154 56.0 46.5 69.7

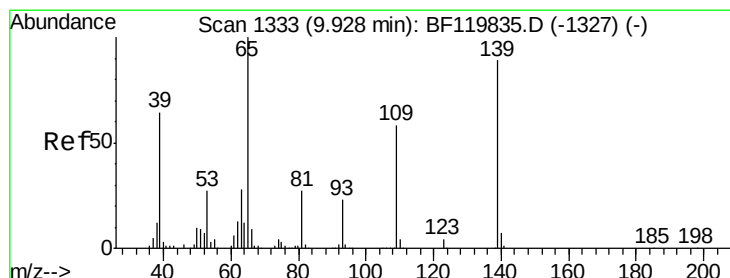
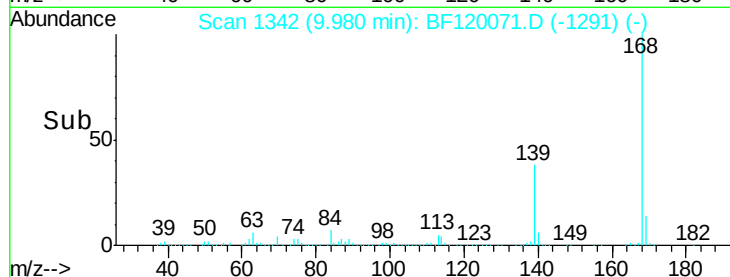
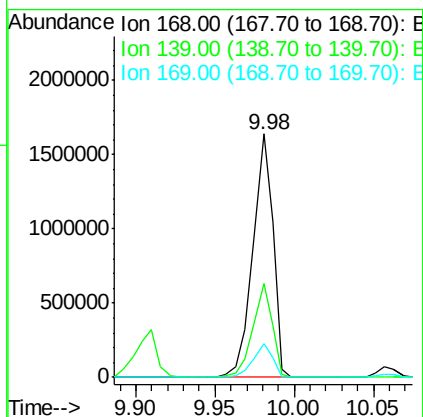
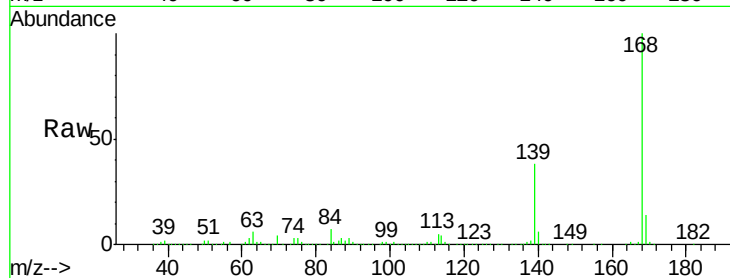




#55
Dibenzofuran
Concen: 57.226 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.00 min
Lab File: BF120071.D
Acq: 17 Apr 2020 20:44

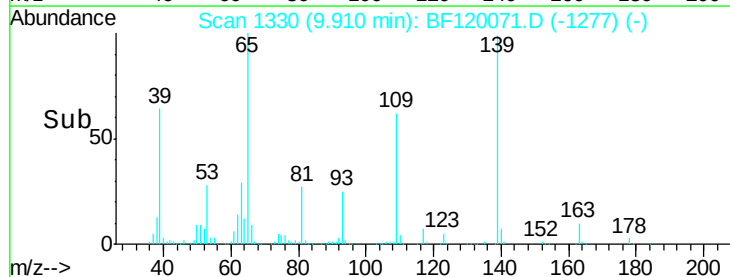
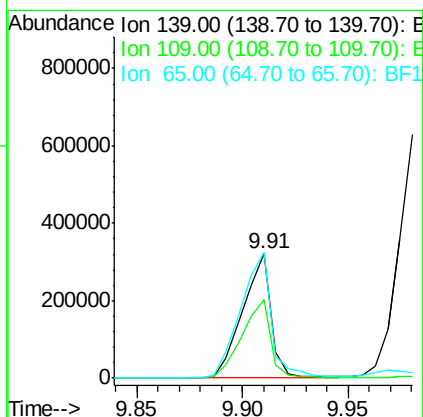
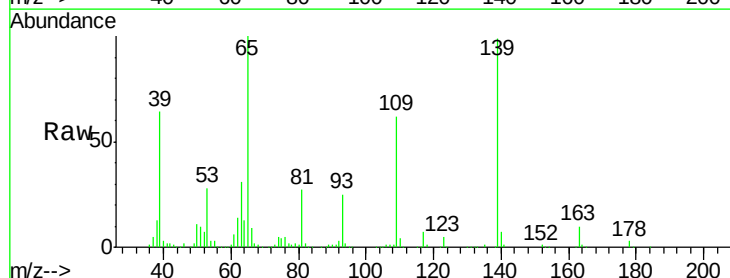
Instrument :
BNA_F
ClientSampleId :

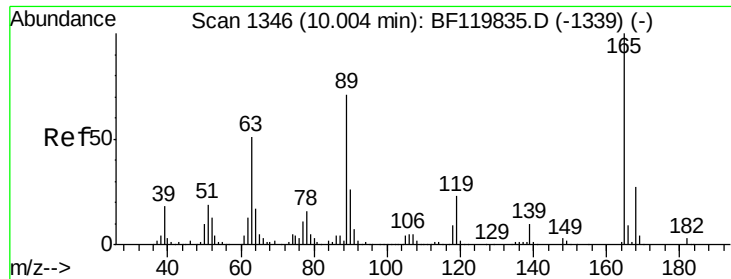
Tot Ion:168 Resp: 1442718
Ion Ratio Lower Upper
168 100
139 38.4 29.8 44.6
169 13.6 10.6 15.8



#56
4-Nitrophenol
Concen: 75.467 ng
RT: 9.91 min Scan# 1330
Delta R.T. 0.01 min
Lab File: BF120071.D
Acq: 17 Apr 2020 20:44

Tgt Ion:139 Resp: 302535
Ion Ratio Lower Upper
139 100
109 62.9 45.5 85.5
65 101.4 92.3 132.3

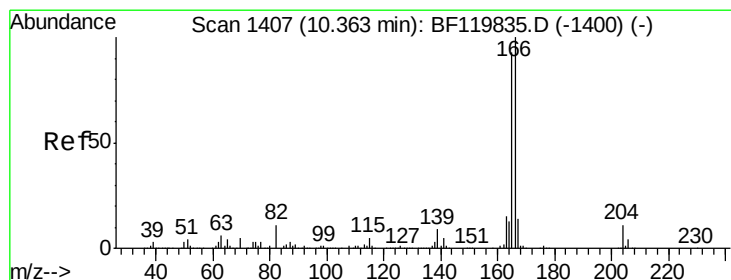
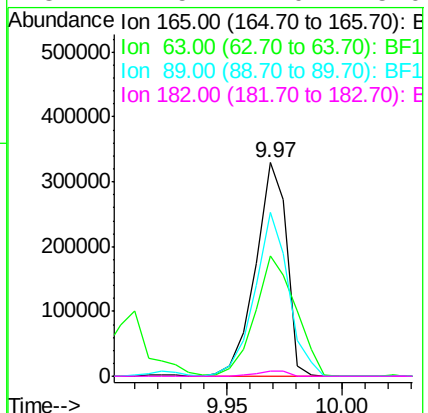
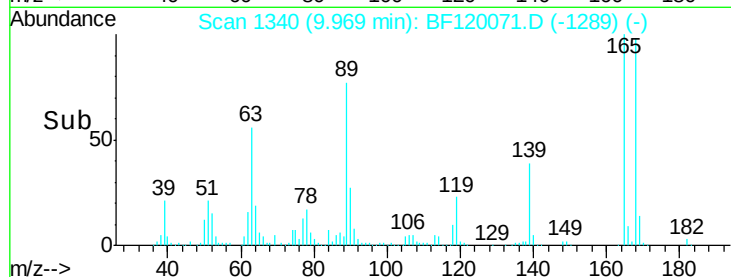
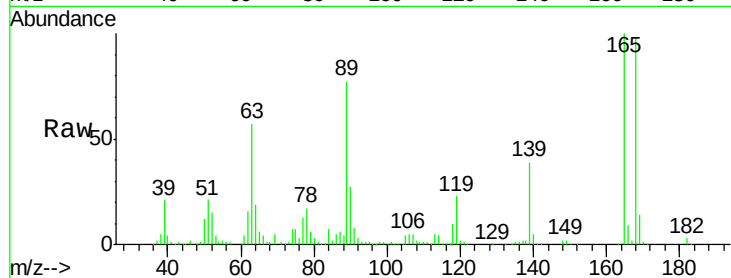




#57
2,4-Dinitrotoluene
Concen: 50.039 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.00 min
Lab File: BF120071.D
Acq: 17 Apr 2020 20:44

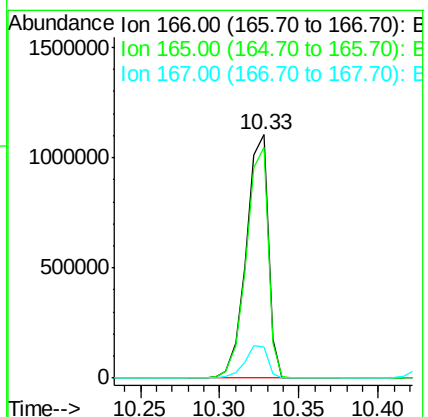
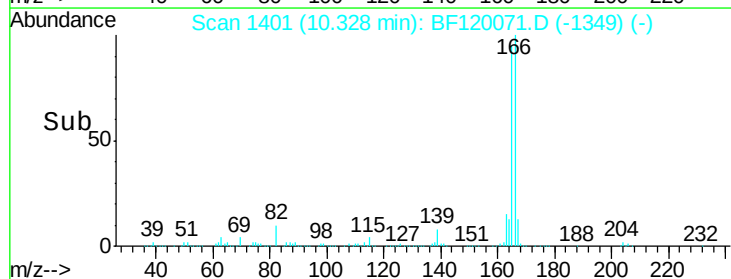
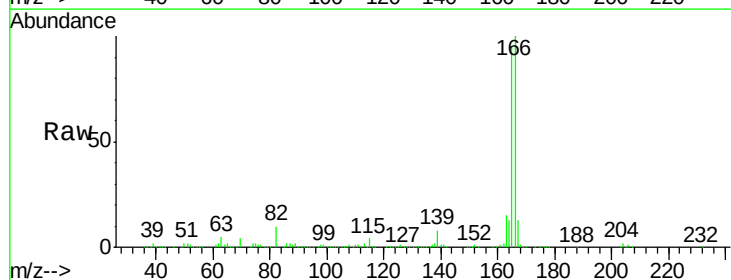
Instrument :
BNA_F
ClientSampleId :

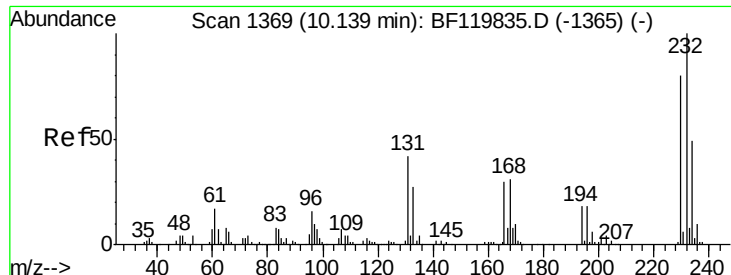
Tot Ion:165	Resp:	311012
Ion	Ratio	Lower Upper
165	100	
63	56.6	40.8 61.2
89	76.8	56.9 85.3
182	2.5	2.0 3.0



#58
Fluorene
Concen: 52.468 ng
RT: 10.33 min Scan# 1401
Delta R.T. 0.01 min
Lab File: BF120071.D
Acq: 17 Apr 2020 20:44

Tgt Ion:166	Resp:	1057885
Ion	Ratio	Lower Upper
166	100	
165	94.8	74.2 111.2
167	13.0	10.8 16.2

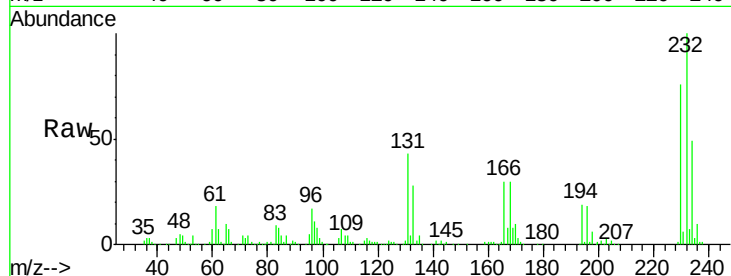




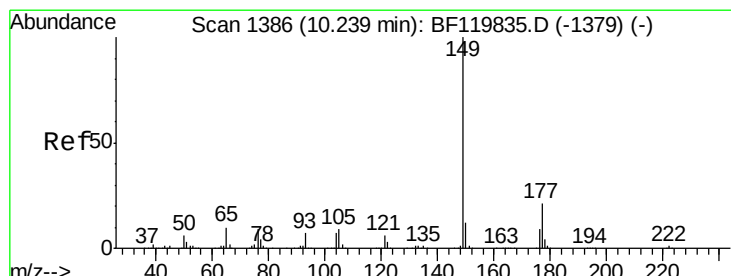
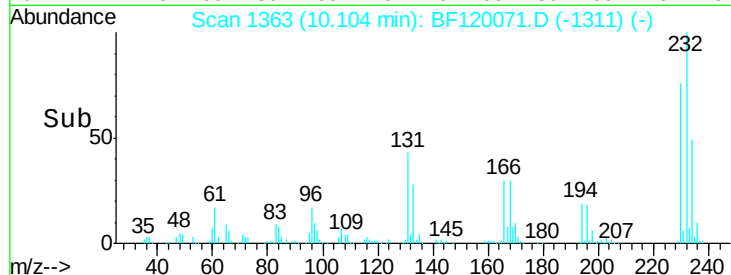
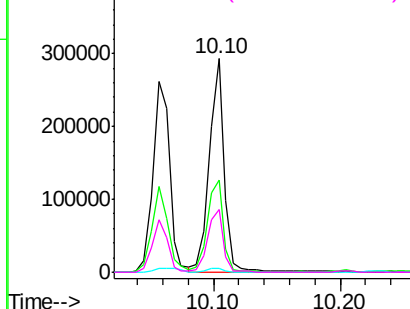
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.555 ng
 RT: 10.10 min Scan# 1363
 Delta R.T. 0.01 min
 Lab File: BF120071.D
 Acq: 17 Apr 2020 20:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:232 Resp: 243608
 Ion Ratio Lower Upper
 232 100
 131 45.6 37.9 56.9
 130 2.2 1.8 2.6
 166 31.0 25.4 38.0

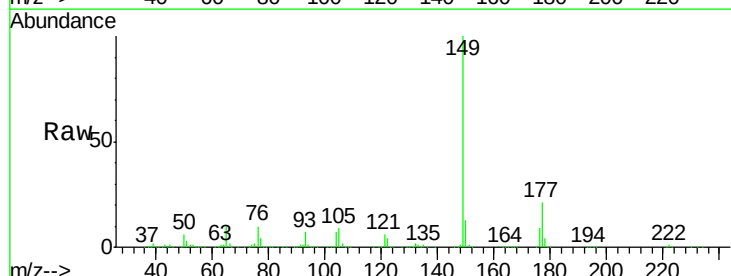


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

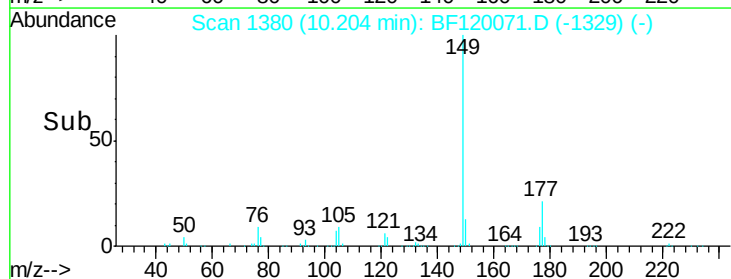
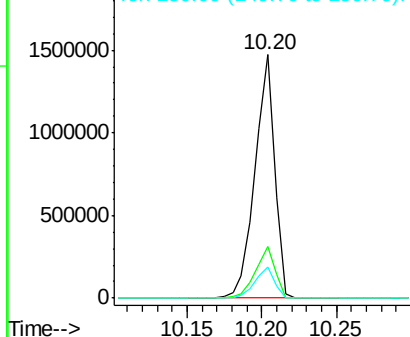


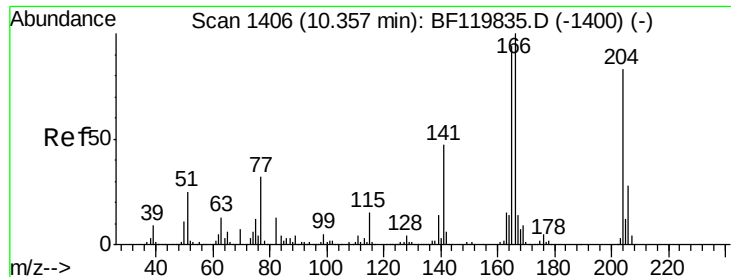
#60
 Diethylphthalate
 Concen: 59.795 ng
 RT: 10.20 min Scan# 1380
 Delta R.T. 0.00 min
 Lab File: BF120071.D
 Acq: 17 Apr 2020 20:44

Tgt Ion:149 Resp: 1335098
 Ion Ratio Lower Upper
 149 100
 177 21.3 16.8 25.2
 150 12.9 9.8 14.6



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

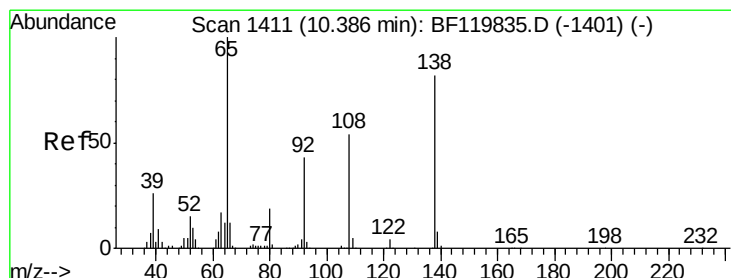
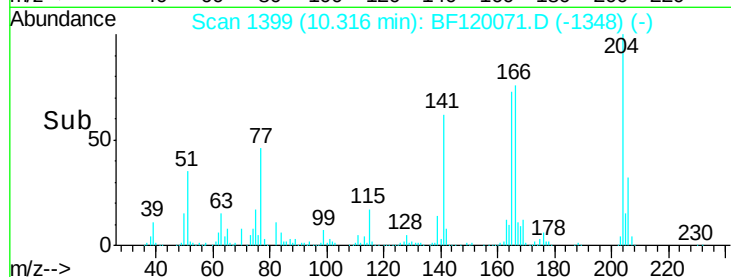
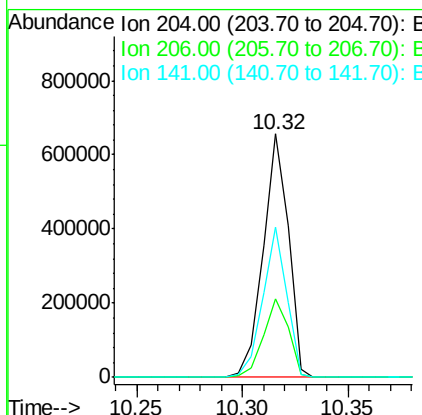
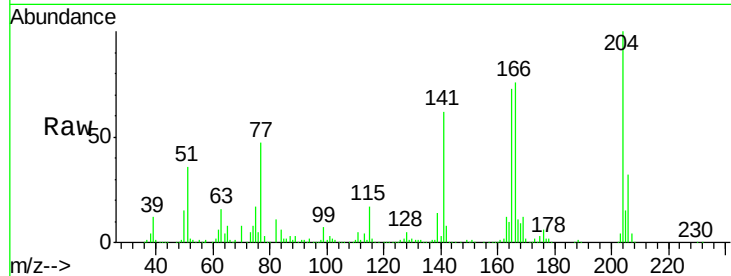




#61
 4-Chlorophenyl-phenylether
 Concen: 52.695 ng
 RT: 10.32 min Scan# 1399
 Delta R.T. 0.00 min
 Lab File: BF120071.D
 Acq: 17 Apr 2020 20:44

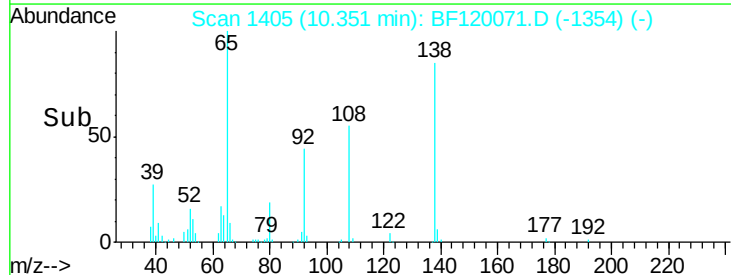
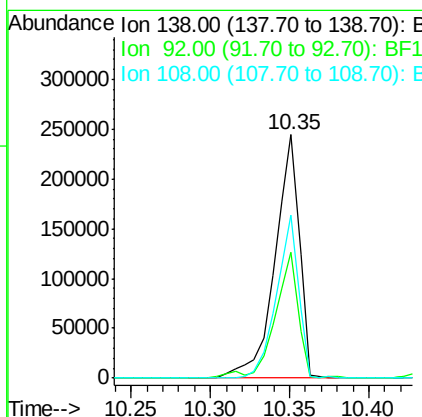
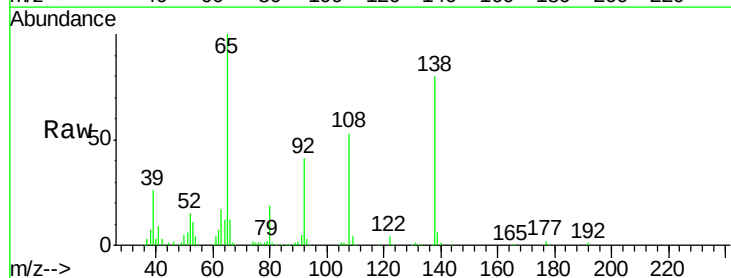
Instrument :
 BNA_F
 ClientSampled :

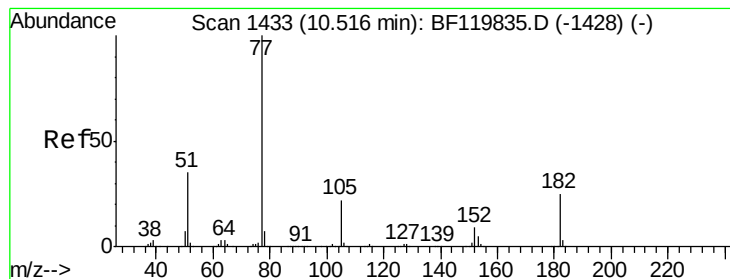
Tot Ion:204 Resp: 544542
 Ion Ratio Lower Upper
 204 100
 206 32.2 26.7 40.1
 141 61.6 45.8 68.8



#62
 4-Nitroaniline
 Concen: 51.008 ng
 RT: 10.35 min Scan# 1405
 Delta R.T. 0.00 min
 Lab File: BF120071.D
 Acq: 17 Apr 2020 20:44

Tgt Ion:138 Resp: 261909
 Ion Ratio Lower Upper
 138 100
 92 51.7 31.6 71.6
 108 66.8 45.2 85.2





#63

Azobenzene

Concen: 56.982 ng

RT: 10.47 min Scan# 1426

Delta R.T. -0.01 min

Lab File: BF120071.D

Acq: 17 Apr 2020 20:44

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 1140205

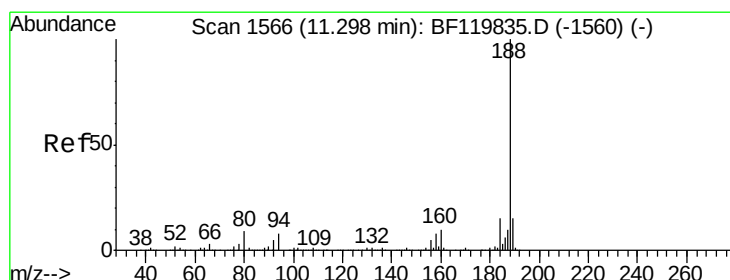
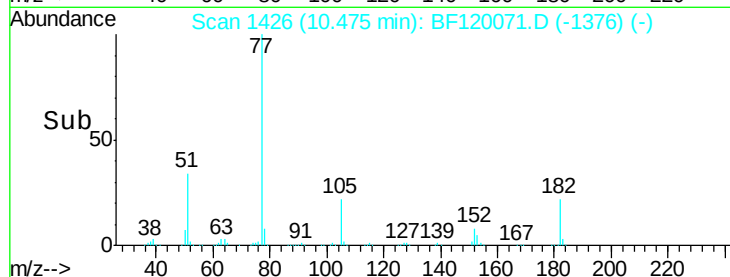
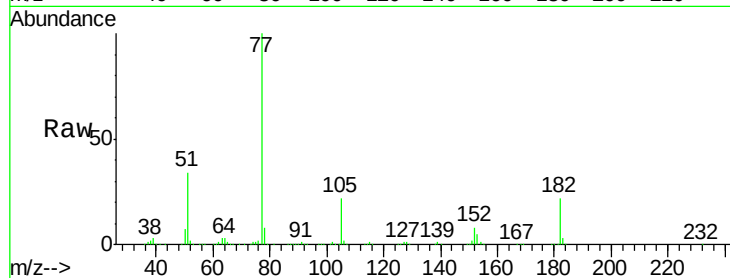
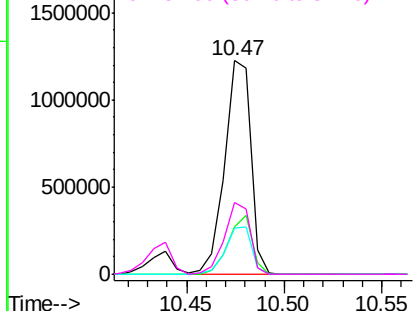
Ion	Ratio	Lower	Upper
77	100		
182	22.3	4.5	44.5
105	21.9	2.2	42.2
51	33.8	15.1	55.1

Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.26 min Scan# 1559

Delta R.T. 0.00 min

Lab File: BF120071.D

Acq: 17 Apr 2020 20:44

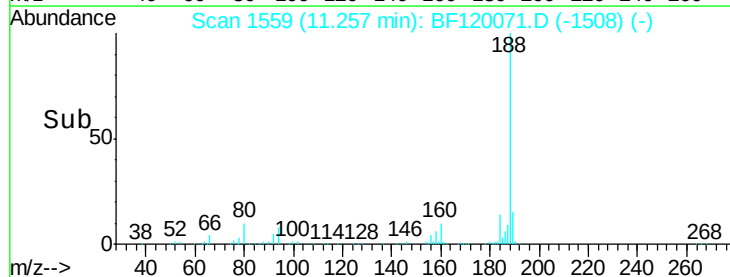
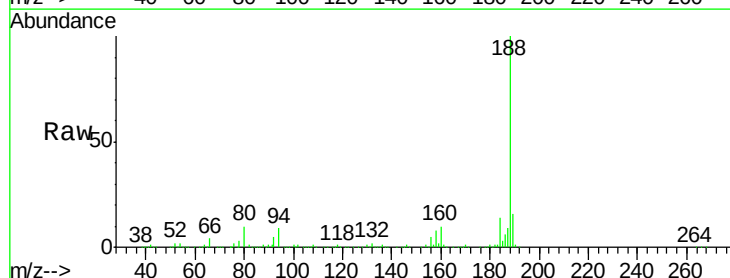
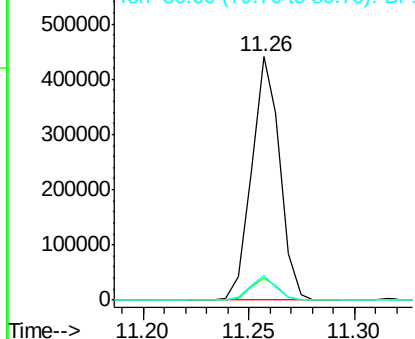
Tgt Ion: 188 Resp: 407644

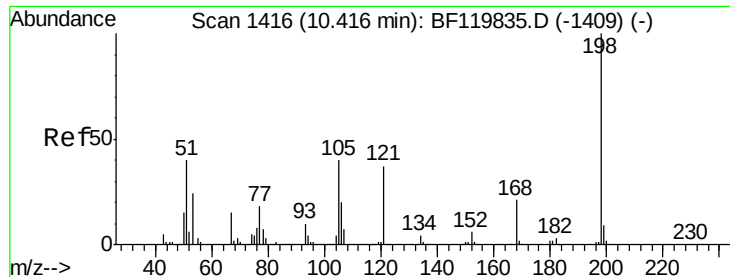
Ion	Ratio	Lower	Upper
188	100		
94	9.3	6.7	10.1
80	10.3	7.4	11.2

Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

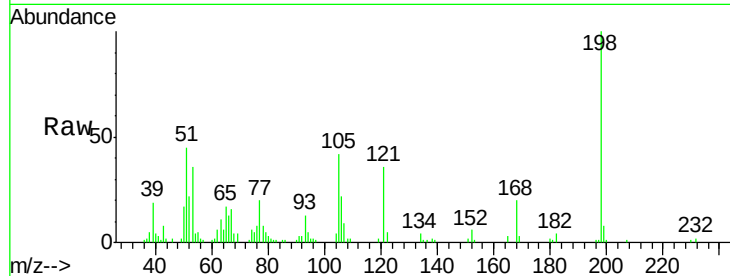




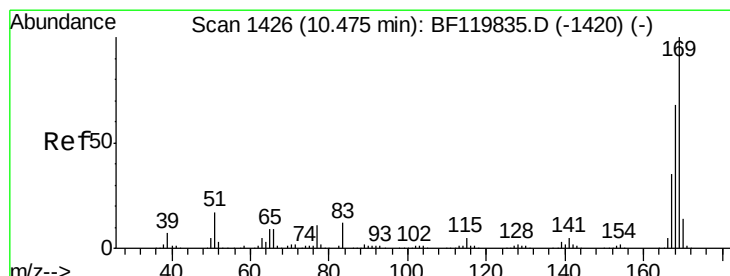
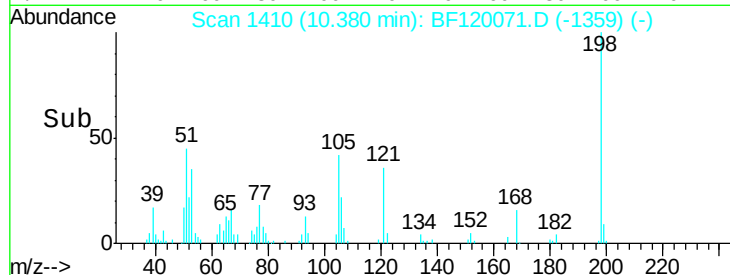
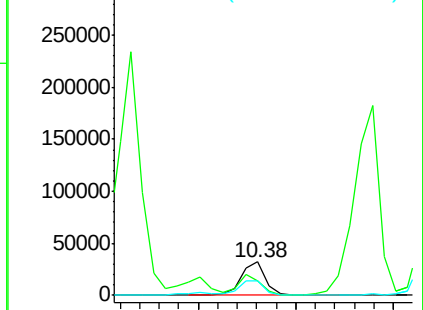
#65
4,6-Dinitro-2-methylphenol
Concen: 10.483 ng
RT: 10.38 min Scan# 1410
Delta R.T. 0.00 min
Lab File: BF120071.D
Acq: 17 Apr 2020 20:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 28152
Ion Ratio Lower Upper
198 100
51 44.7 25.2 65.2
105 42.0 20.8 60.8

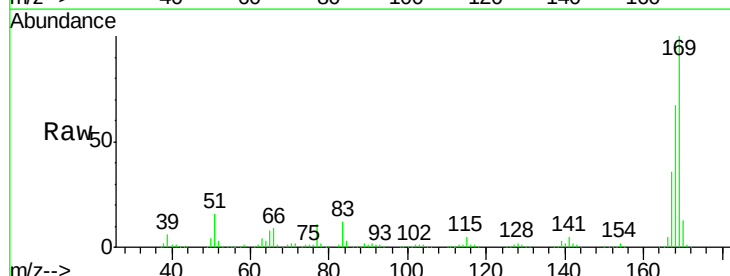


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

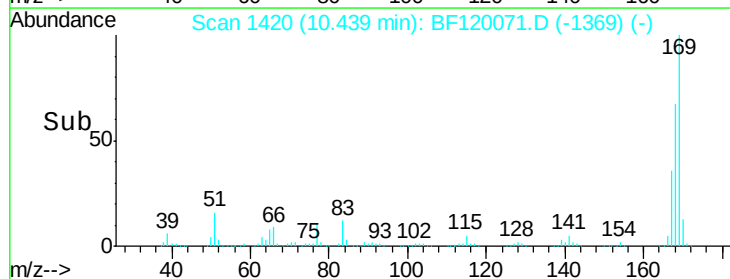
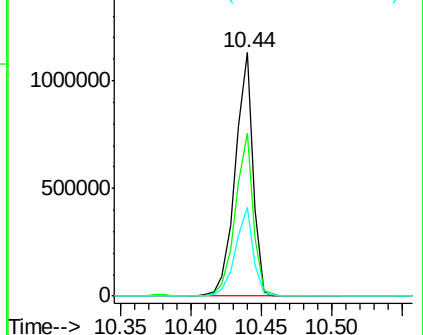


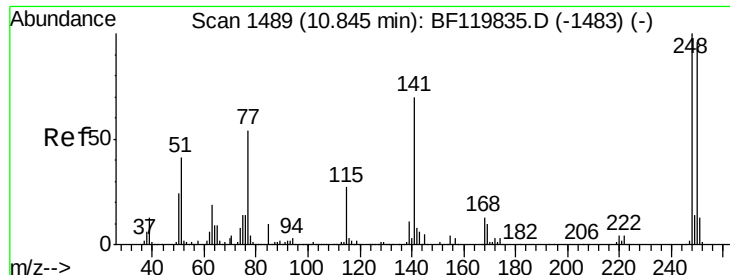
#66
n-Nitrosodiphenylamine
Concen: 72.540 ng
RT: 10.44 min Scan# 1420
Delta R.T. 0.00 min
Lab File: BF120071.D
Acq: 17 Apr 2020 20:44

Tgt Ion:169 Resp: 983438
Ion Ratio Lower Upper
169 100
168 66.8 54.2 81.4
167 36.4 28.3 42.5



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

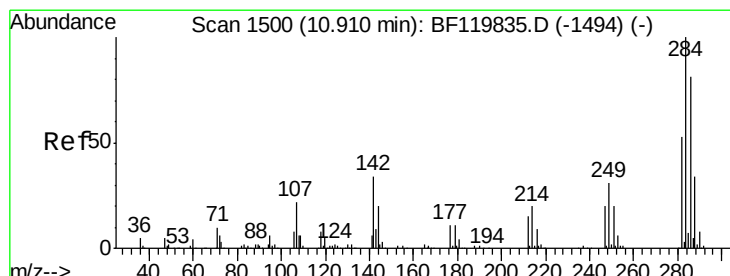
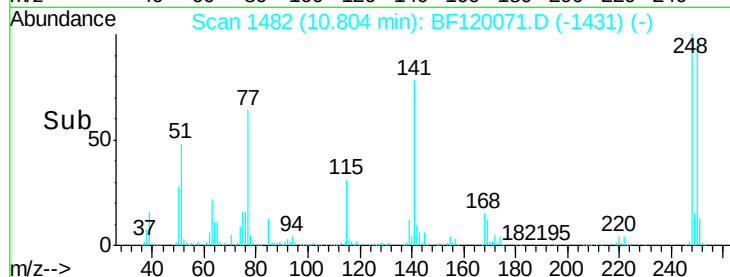
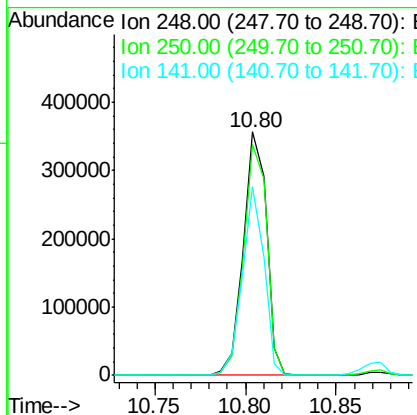
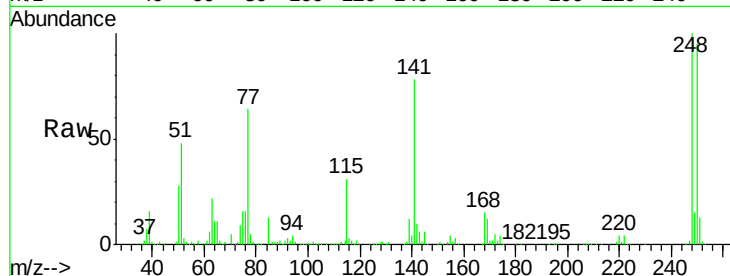




#67
 4-Bromophenyl-phenylether
 Concen: 62.578 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. 0.00 min
 Lab File: BF120071.D
 Acq: 17 Apr 2020 20:44

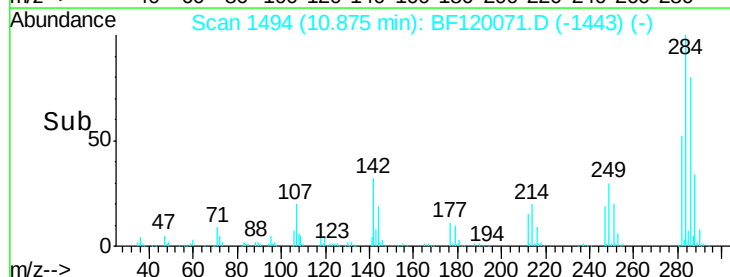
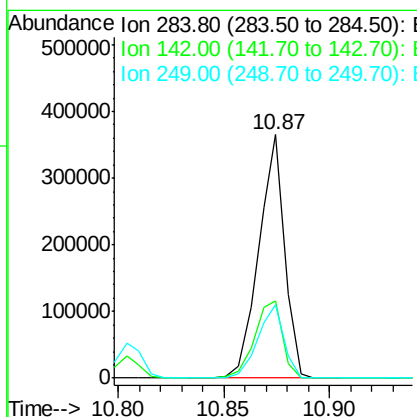
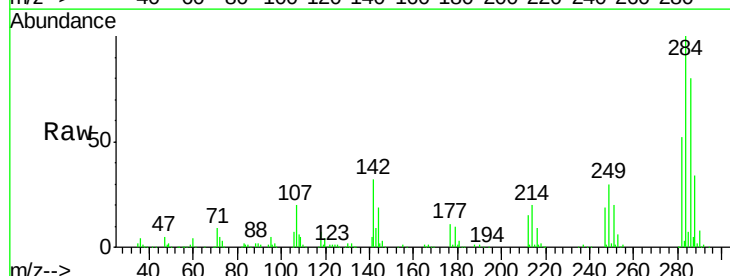
Instrument :
 BNA_F
 ClientSampled :

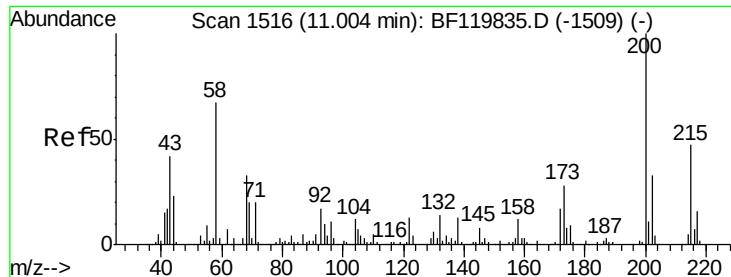
Tot Ion:248 Resp: 317236
 Ion Ratio Lower Upper
 248 100
 250 94.9 76.6 114.8
 141 77.7 55.9 83.9



#68
 Hexachlorobenzene
 Concen: 60.331 ng
 RT: 10.87 min Scan# 1494
 Delta R.T. 0.00 min
 Lab File: BF120071.D
 Acq: 17 Apr 2020 20:44

Tgt Ion:284 Resp: 310266
 Ion Ratio Lower Upper
 284 100
 142 31.7 26.9 40.3
 249 30.0 24.6 37.0

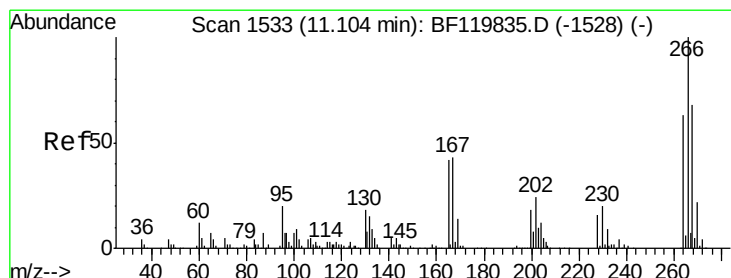
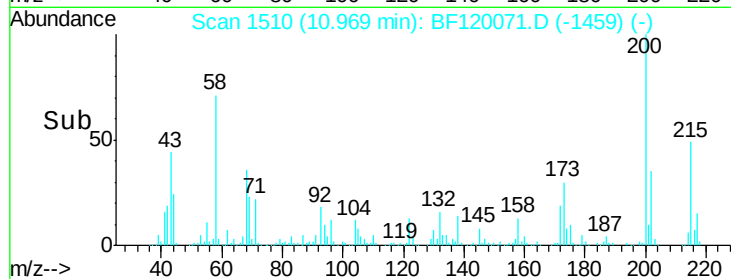
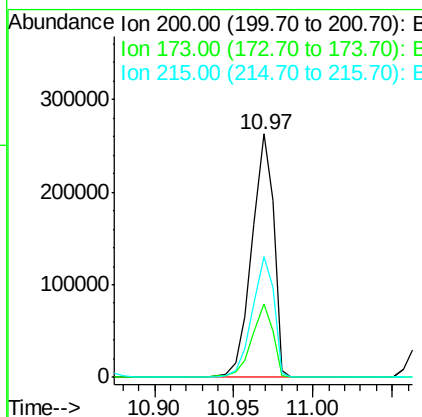
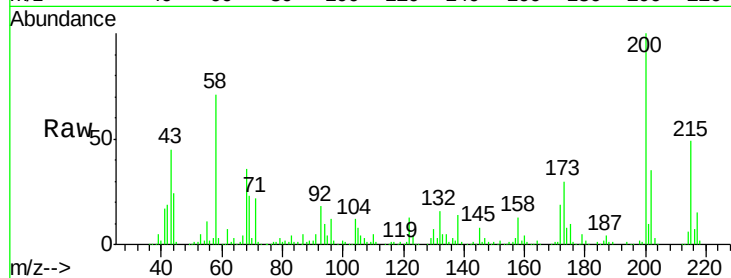




#69
 Atrazine
 Concen: 66.748 ng
 RT: 10.97 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: BF120071.D
 Acq: 17 Apr 2020 20:44

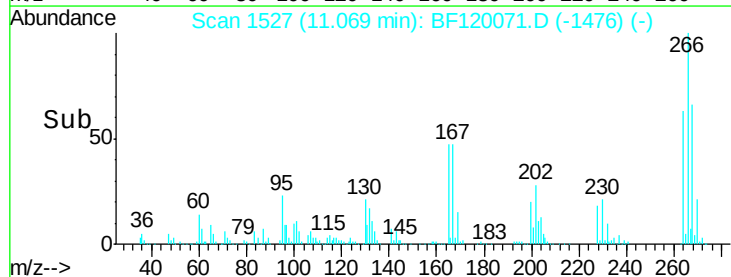
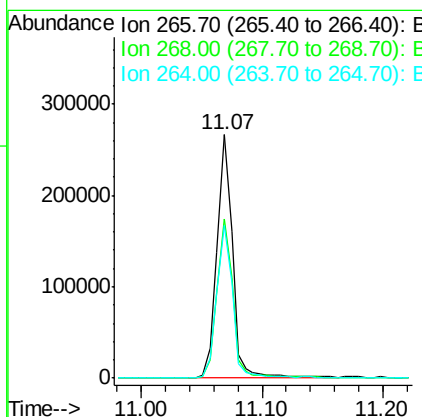
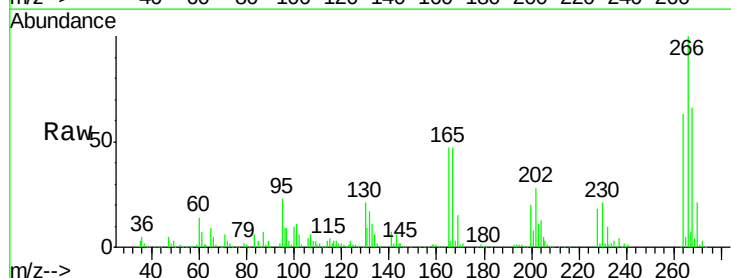
Instrument :
 BNA_F
 ClientSampleId :

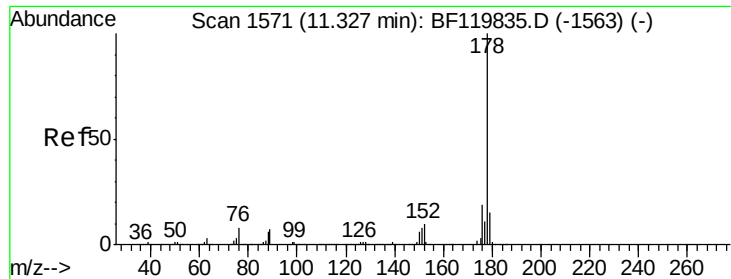
Tot Ion	Ratio	Lower	Upper
200	100		
173	30.1	8.0	48.0
215	49.3	27.1	67.1



#70
 Pentachlorophenol
 Concen: 80.186 ng
 RT: 11.07 min Scan# 1527
 Delta R.T. 0.00 min
 Lab File: BF120071.D
 Acq: 17 Apr 2020 20:44

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.6	54.2	81.4
264	62.7	50.6	76.0





#71

Phenanthrene

Concen: 60.251 ng

RT: 11.29 min Scan# 1564

Delta R.T. 0.00 min

Lab File: BF120071.D

Acq: 17 Apr 2020 20:44

Instrument :

BNA_F

ClientSampleId :

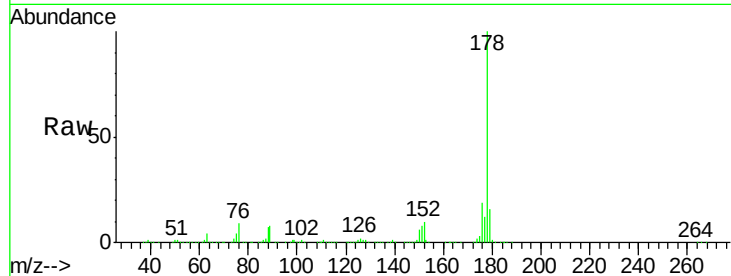
Tot Ion:178 Resp: 1307156

Ion Ratio Lower Upper

178 100

176 19.5 15.1 22.7

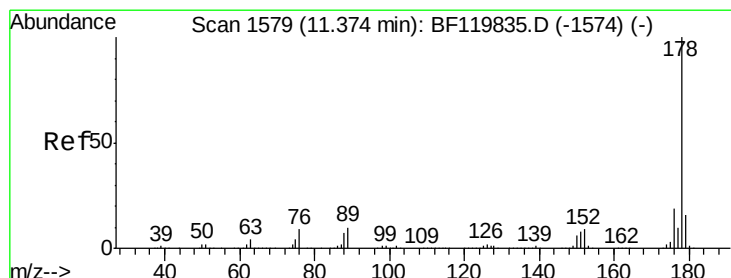
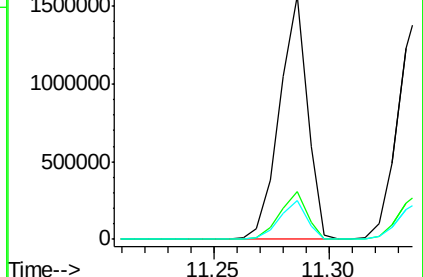
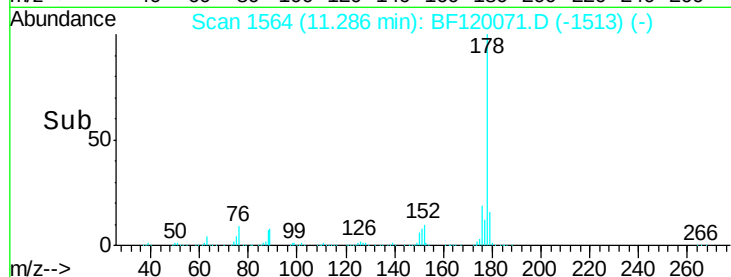
179 15.9 12.2 18.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 59.802 ng

RT: 11.34 min Scan# 1573

Delta R.T. 0.00 min

Lab File: BF120071.D

Acq: 17 Apr 2020 20:44

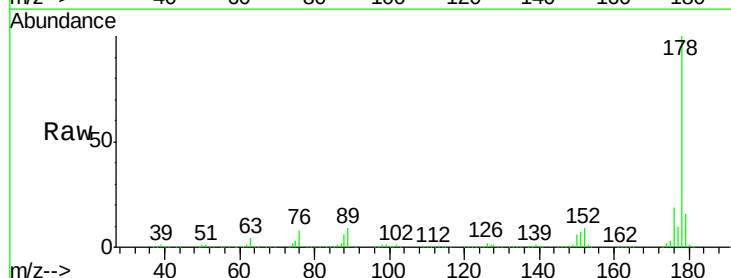
Tgt Ion:178 Resp: 1325393

Ion Ratio Lower Upper

178 100

176 19.2 15.4 23.2

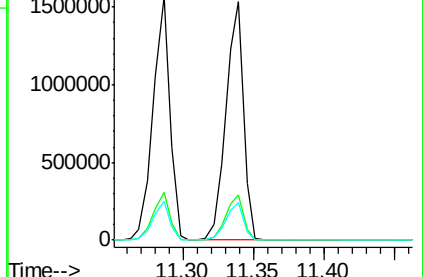
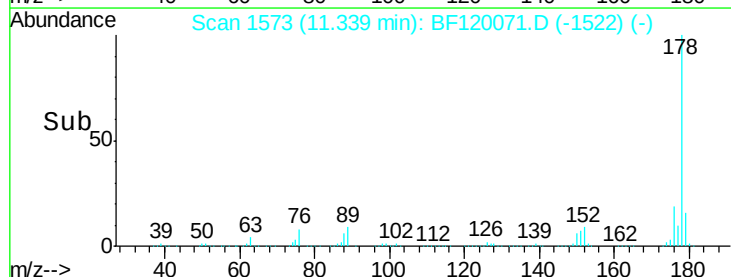
179 15.6 12.8 19.2

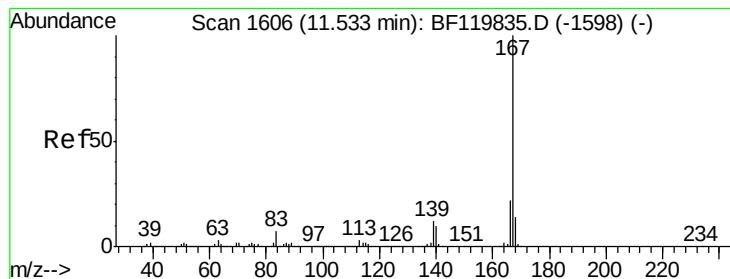


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 56.088 ng

RT: 11.49 min Scan# 1599

Delta R.T. 0.00 min

Lab File: BF120071.D

Acq: 17 Apr 2020 20:44

Instrument :

BNA_F

ClientSampleId :

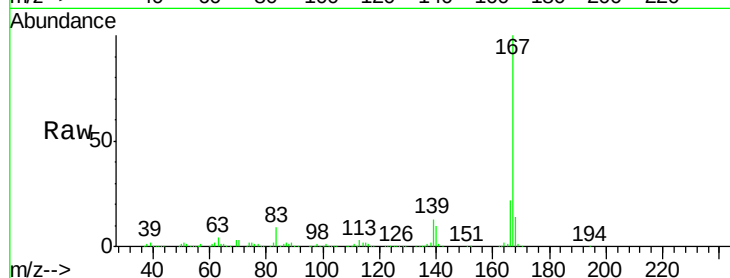
Tot Ion:167 Resp: 1175533

Ion Ratio Lower Upper

167 100

166 21.6 17.4 26.0

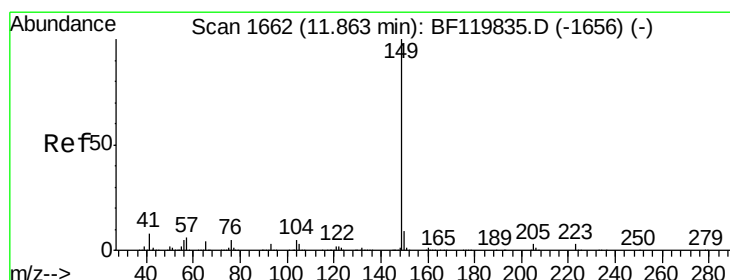
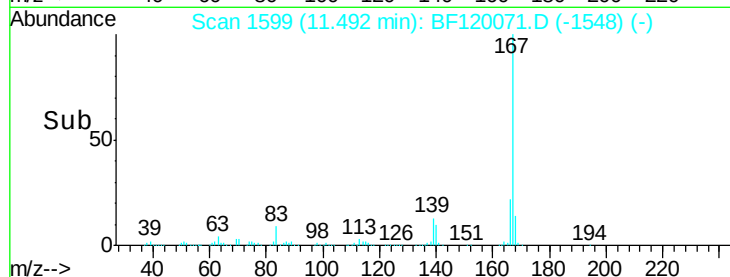
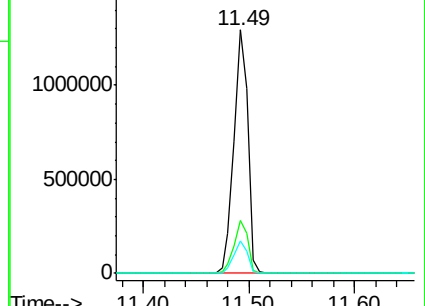
139 13.1 9.8 14.8



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 65.616 ng

RT: 11.83 min Scan# 1656

Delta R.T. 0.00 min

Lab File: BF120071.D

Acq: 17 Apr 2020 20:44

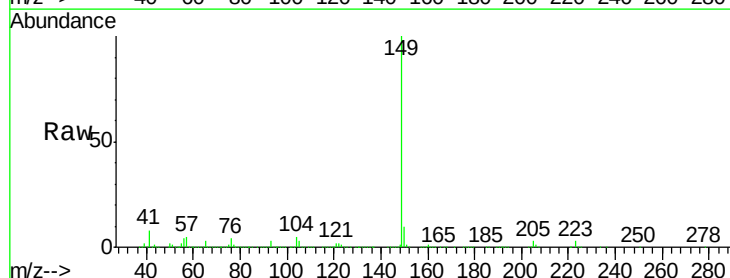
Tgt Ion:149 Resp: 1807874

Ion Ratio Lower Upper

149 100

150 9.6 7.6 11.4

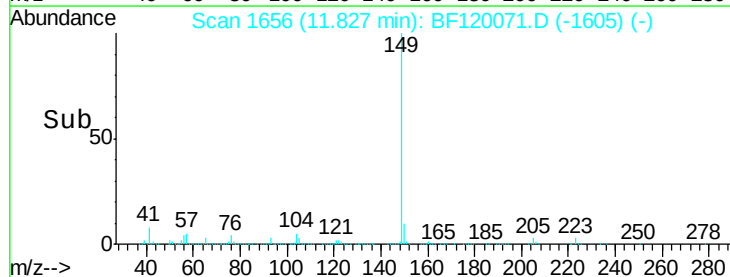
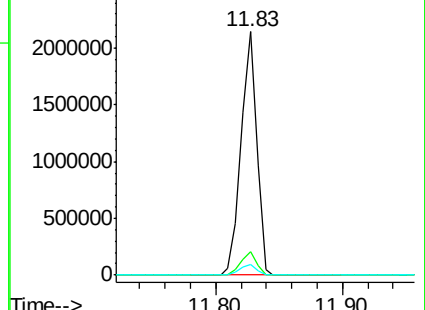
104 4.6 3.8 5.6

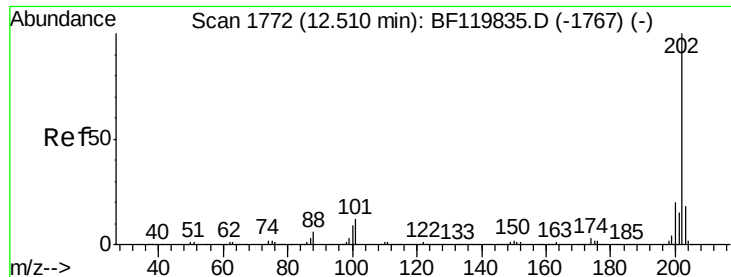


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

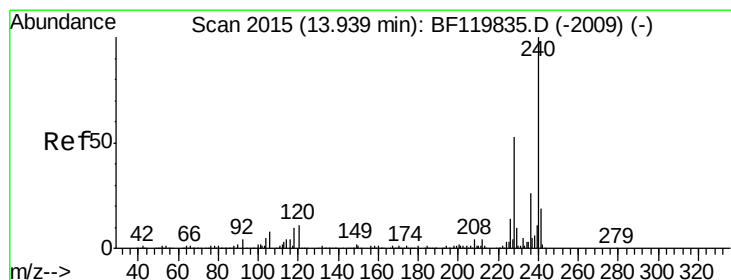
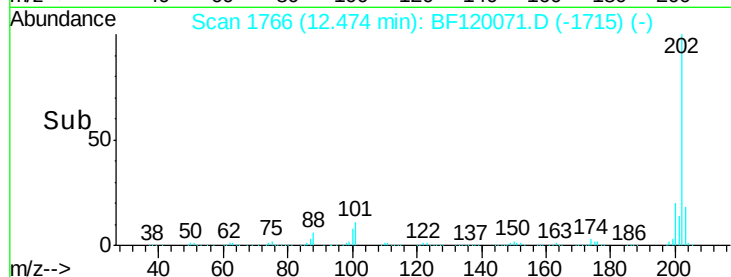
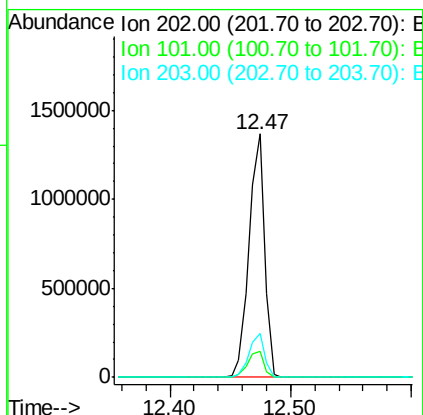
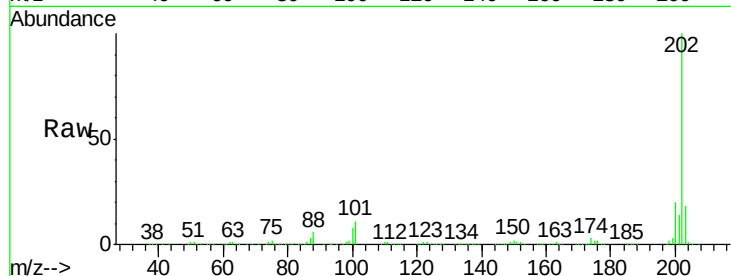




#75
Fluoranthene
Concen: 53.287 ng
RT: 12.47 min Scan# 1766
Delta R.T. 0.00 min
Lab File: BF120071.D
Acq: 17 Apr 2020 20:44

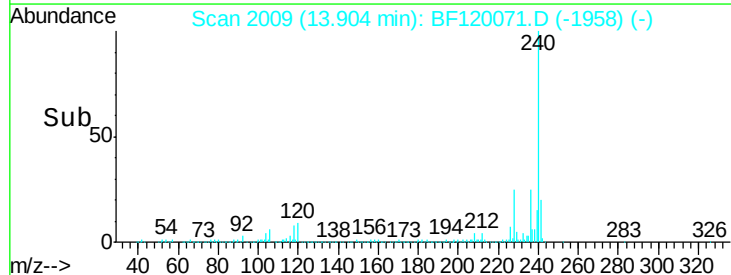
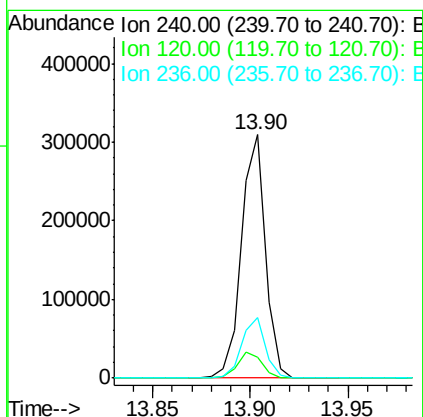
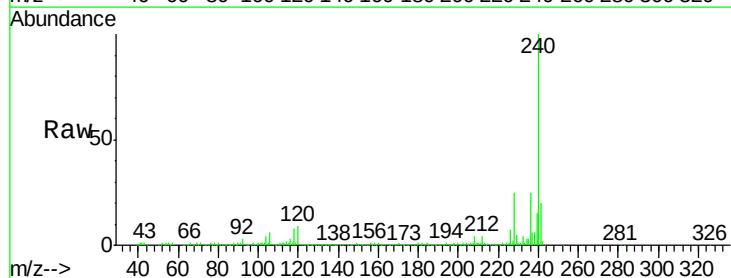
Instrument :
BNA_F
ClientSampleId :

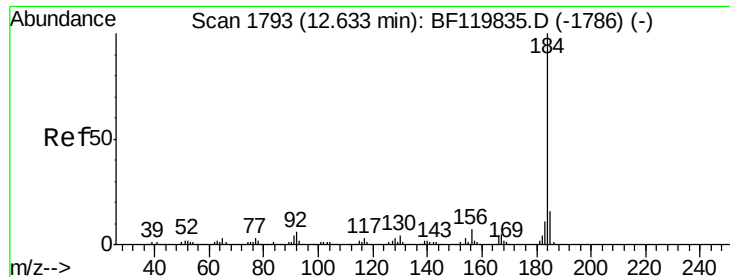
Tot Ion:202 Resp: 1247397
Ion Ratio Lower Upper
202 100
101 10.6 0.0 32.3
203 18.1 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.90 min Scan# 2009
Delta R.T. 0.00 min
Lab File: BF120071.D
Acq: 17 Apr 2020 20:44

Tgt Ion:240 Resp: 262769
Ion Ratio Lower Upper
240 100
120 8.8 9.0 13.6#
236 24.8 20.7 31.1





#77

Benzidine

Concen: 48.150 ng

RT: 12.59 min Scan# 1786

Delta R.T. 0.00 min

Lab File: BF120071.D

Acq: 17 Apr 2020 20:44

Instrument :

BNA_F

ClientSampled :

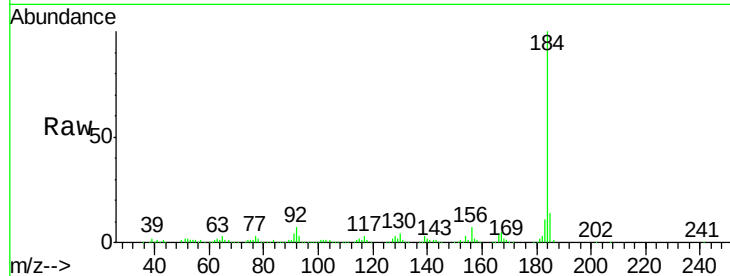
Tot Ion:184 Resp: 427681

Ion Ratio Lower Upper

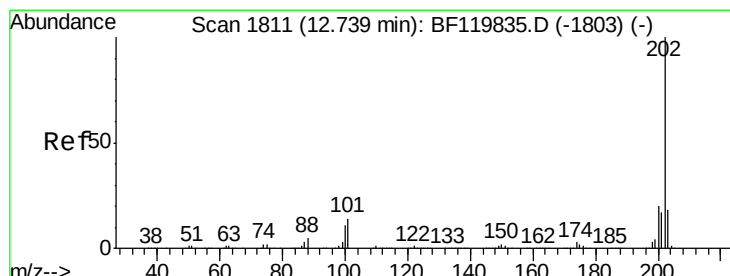
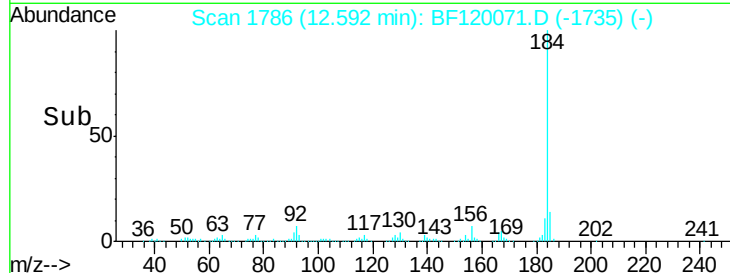
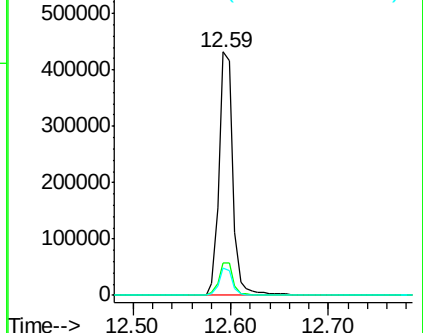
184 100

185 13.5 13.2 19.8

183 11.1 9.1 13.7



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: 56.113 ng

RT: 12.70 min Scan# 1805

Delta R.T. 0.00 min

Lab File: BF120071.D

Acq: 17 Apr 2020 20:44

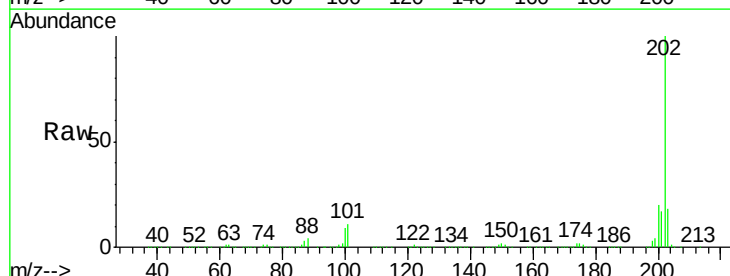
Tgt Ion:202 Resp: 1243020

Ion Ratio Lower Upper

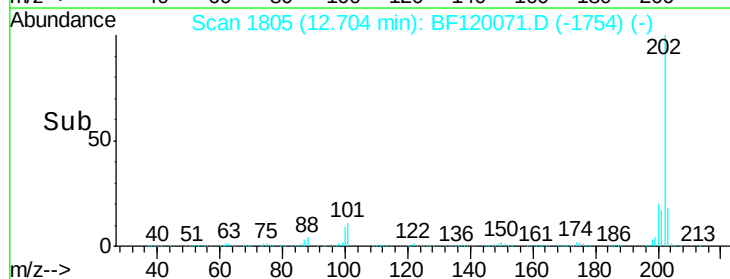
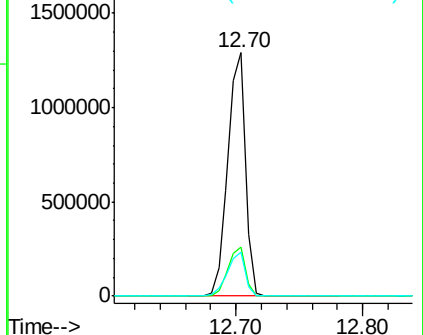
202 100

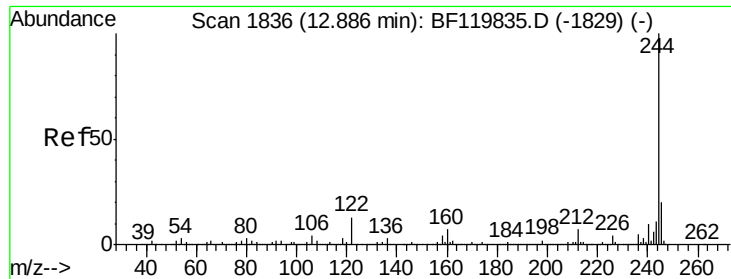
200 19.9 16.2 24.2

203 17.9 14.1 21.1



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 59.263 ng

RT: 12.85 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF120071.D

Acq: 17 Apr 2020 20:44

Instrument :

BNA_F

ClientSampled :

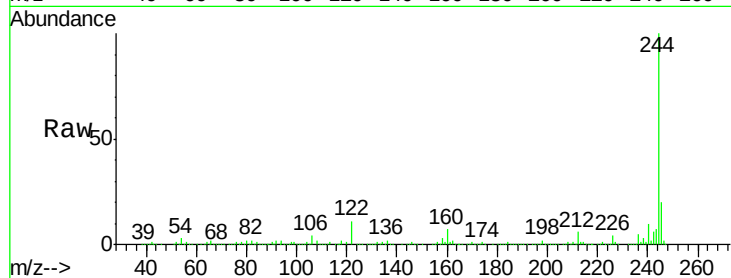
Tot Ion:244 Resp: 925465

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

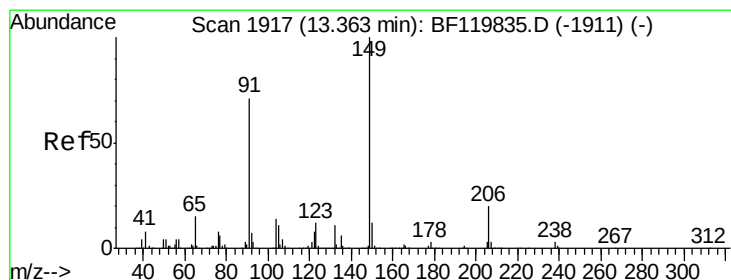
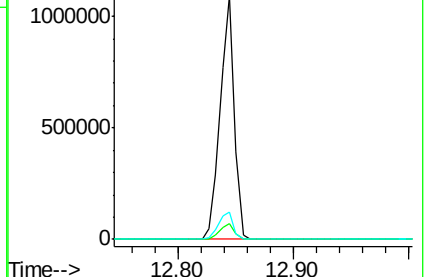
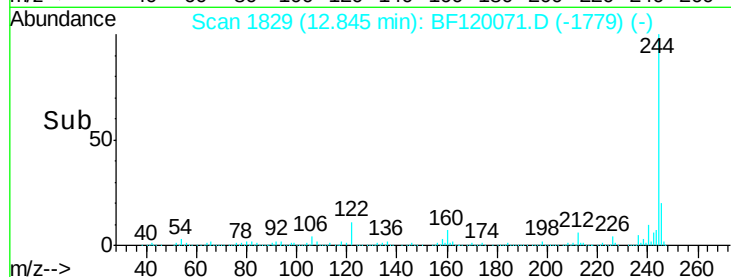
122 11.0 10.3 15.5



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: 55.819 ng

RT: 13.32 min Scan# 1910

Delta R.T. -0.01 min

Lab File: BF120071.D

Acq: 17 Apr 2020 20:44

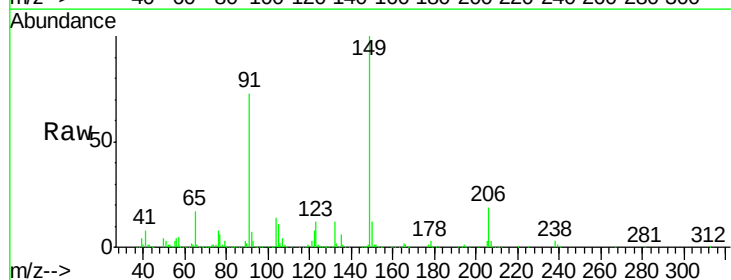
Tgt Ion:149 Resp: 599995

Ion Ratio Lower Upper

149 100

91 73.5 56.7 85.1

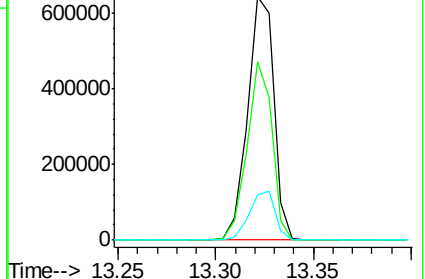
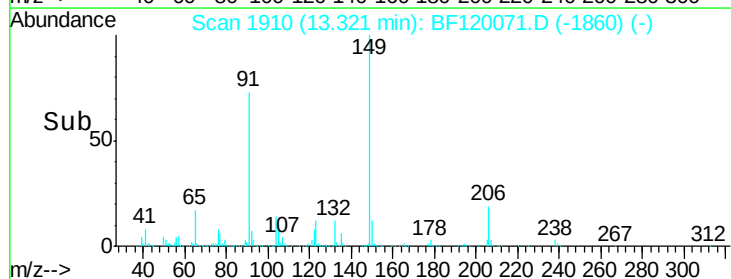
206 18.8 15.7 23.5

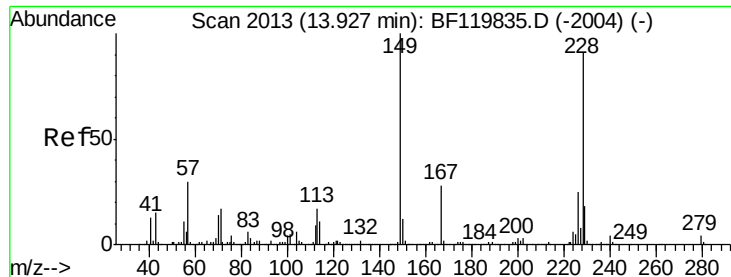


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 61.119 ng

RT: 13.89 min Scan# 2007

Delta R.T. 0.00 min

Lab File: BF120071.D

Acq: 17 Apr 2020 20:44

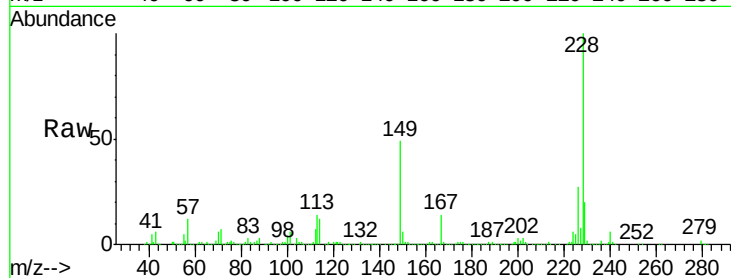
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 1056547

Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.9	32.9
229	20.2	15.9	23.9

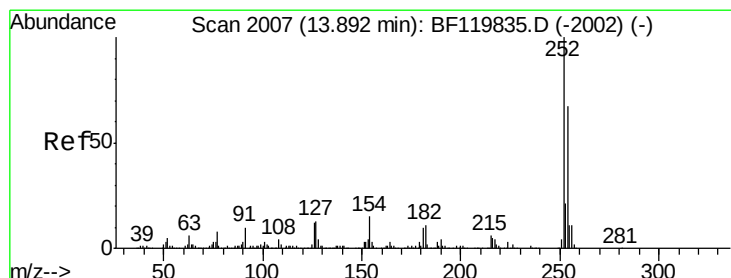
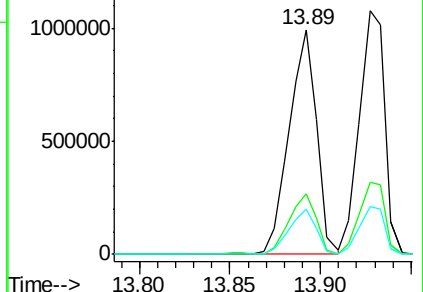
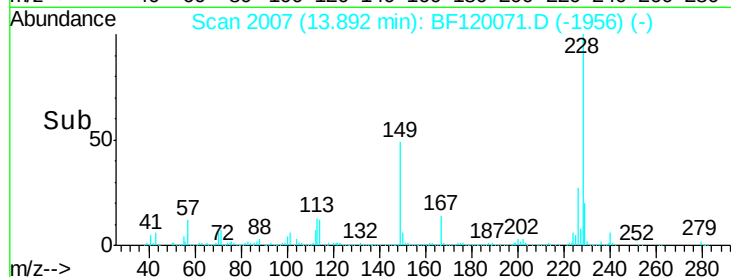


Abundance

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: 50.423 ng

RT: 13.86 min Scan# 2001

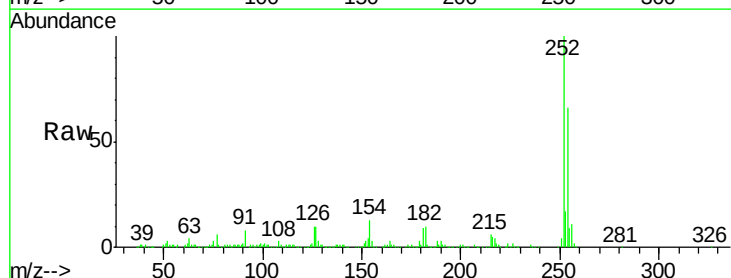
Delta R.T. 0.00 min

Lab File: BF120071.D

Acq: 17 Apr 2020 20:44

Tgt Ion:252 Resp: 325227

Ion	Ratio	Lower	Upper
252	100		
254	66.2	53.9	80.9
126	10.4	9.7	14.5

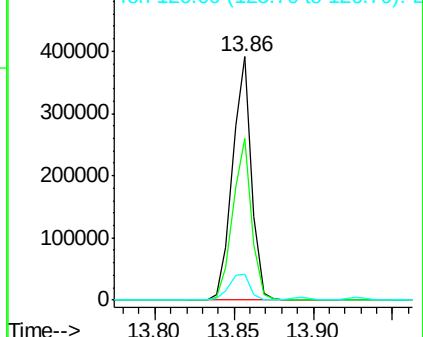
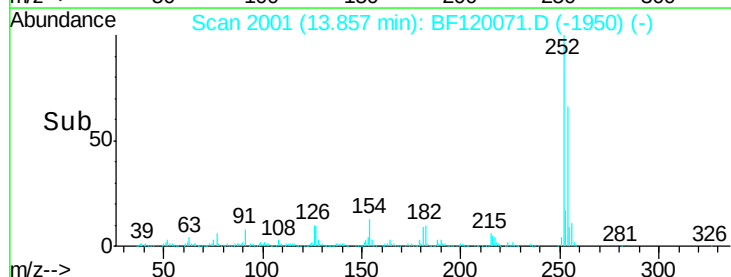


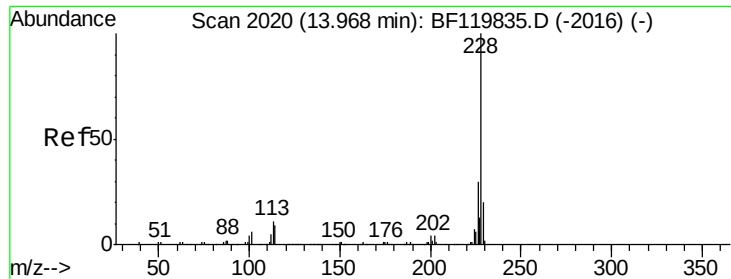
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 59.587 ng

RT: 13.93 min Scan# 2013

Delta R.T. -0.01 min

Lab File: BF120071.D

Acq: 17 Apr 2020 20:44

Instrument :

BNA_F

ClientSampleId :

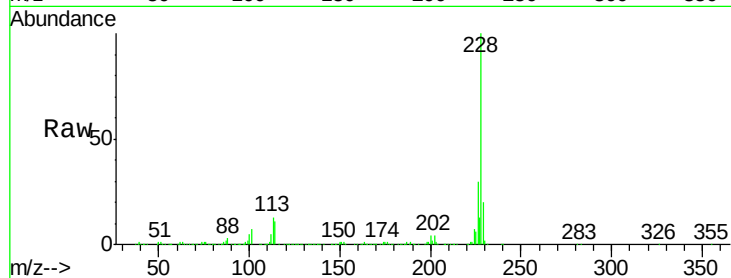
Tot Ion:228 Resp: 1046636

Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.2	36.2
229	19.7	15.9	23.9

228 100

226 29.9 24.2 36.2

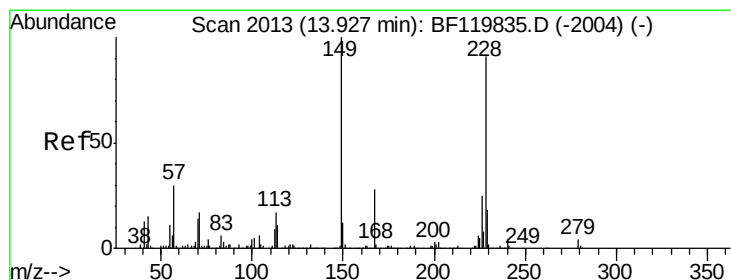
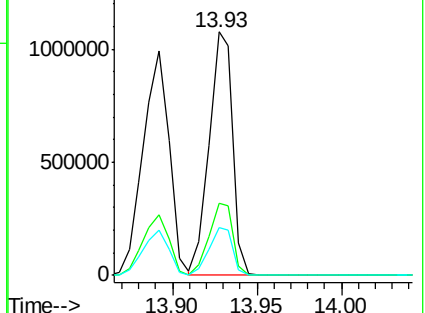
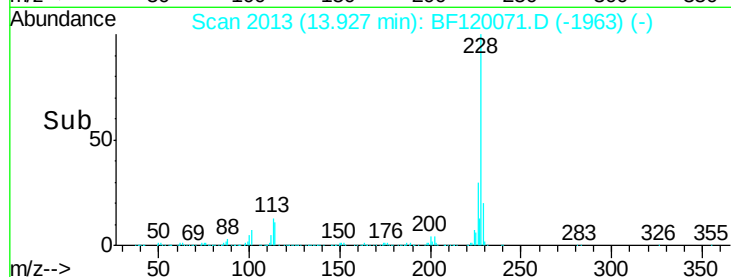
229 19.7 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 58.238 ng

RT: 13.89 min Scan# 2006

Delta R.T. 0.00 min

Lab File: BF120071.D

Acq: 17 Apr 2020 20:44

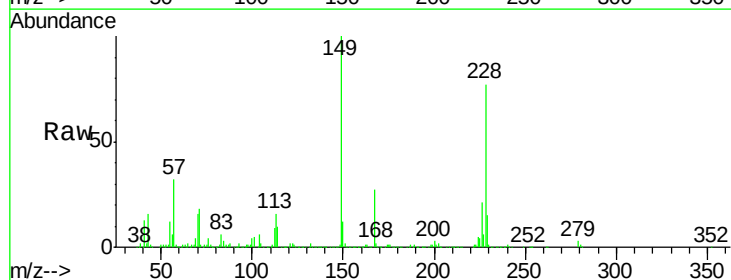
Tgt Ion:149 Resp: 847719

Ion	Ratio	Lower	Upper
149	100		
167	26.6	22.2	33.2
279	3.3	3.4	5.0

149 100

167 26.6 22.2 33.2

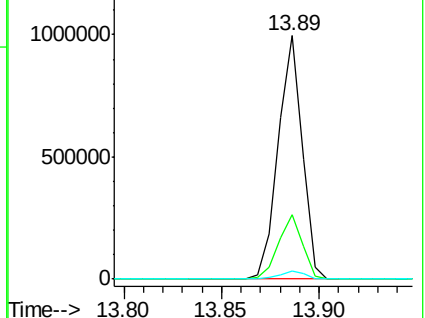
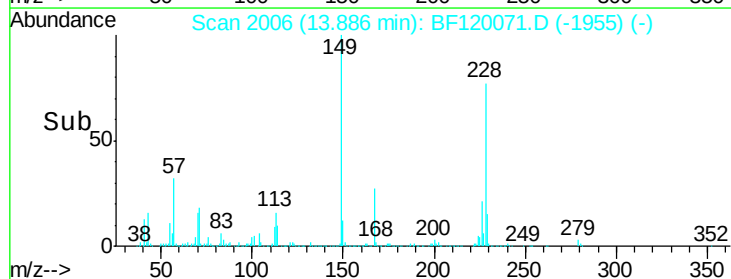
279 3.3 3.4 5.0

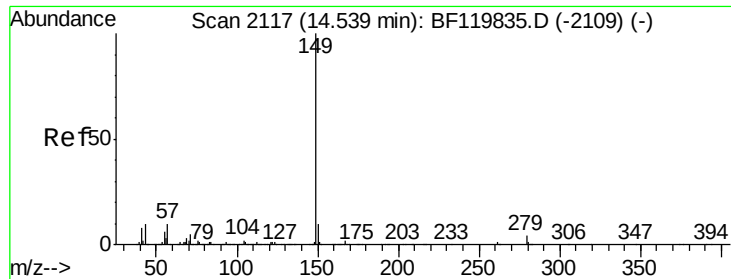


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

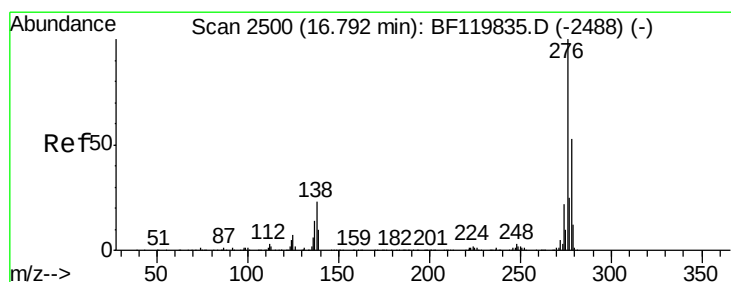
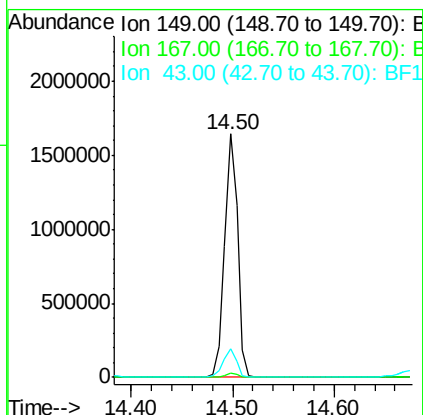
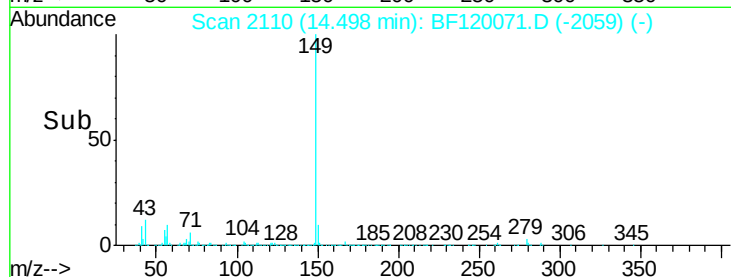
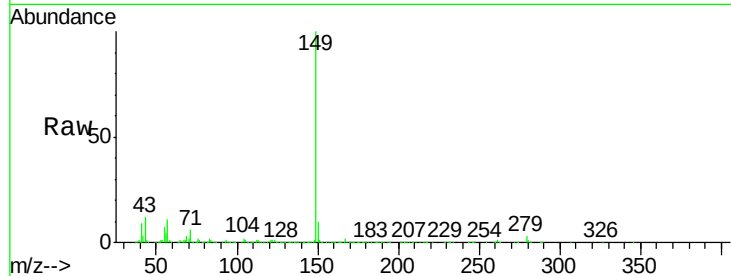




#85
Di-n-octyl phthalate
Concen: 58.713 ng
RT: 14.50 min Scan# 2110
Delta R.T. 0.00 min
Lab File: BF120071.D
Acq: 17 Apr 2020 20:44

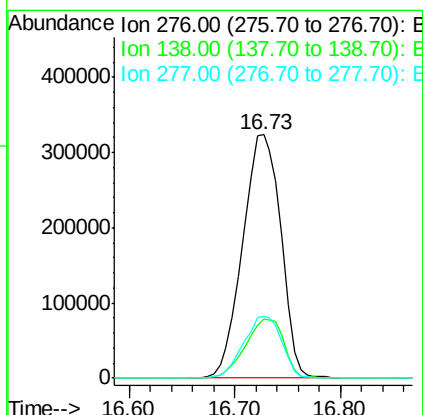
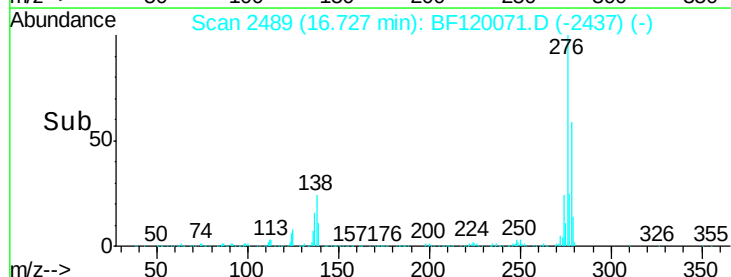
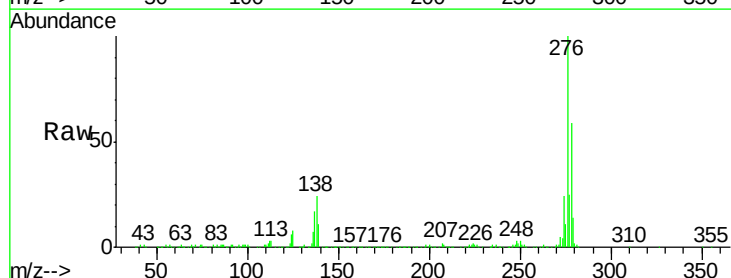
Instrument :
BNA_F
ClientSampleId :

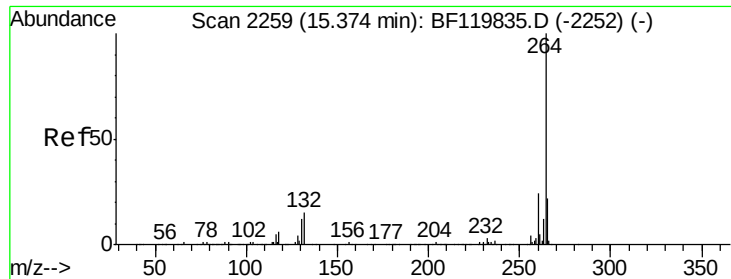
Tot Ion:149 Resp: 1455156
Ion Ratio Lower Upper
149 100
167 1.7 1.2 1.8
43 11.8 9.2 13.8



#86
Indeno(1,2,3-cd)pyrene
Concen: 52.579 ng
RT: 16.73 min Scan# 2489
Delta R.T. 0.01 min
Lab File: BF120071.D
Acq: 17 Apr 2020 20:44

Tgt Ion:276 Resp: 814088
Ion Ratio Lower Upper
276 100
138 24.7 18.0 27.0
277 25.7 20.1 30.1





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.33 min Scan# 2251

Delta R.T. 0.00 min

Lab File: BF120071.D

Acq: 17 Apr 2020 20:44

Instrument :

BNA_F

ClientSampleId :

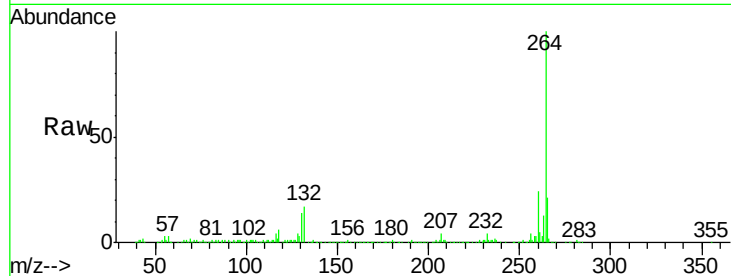
Tot Ion:264 Resp: 219213

Ion Ratio Lower Upper

264 100

260 24.2 19.3 28.9

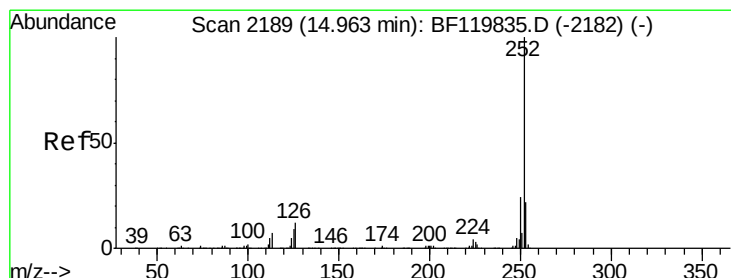
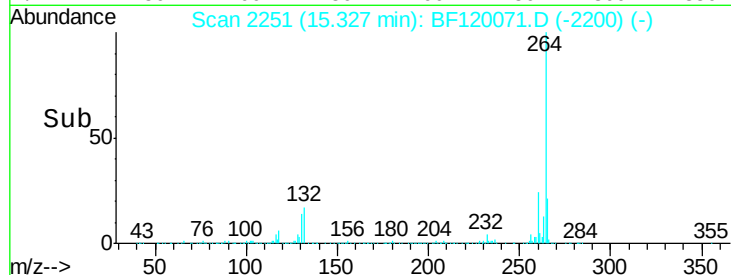
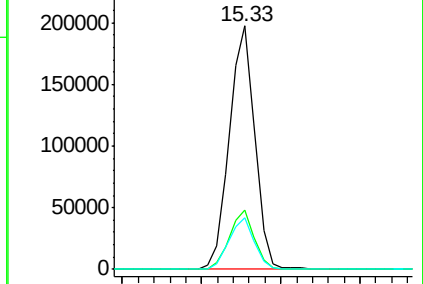
265 21.2 17.6 26.4



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



#88

Benzo(b)fluoranthene

Concen: 60.307 ng

RT: 14.92 min Scan# 2182

Delta R.T. 0.00 min

Lab File: BF120071.D

Acq: 17 Apr 2020 20:44

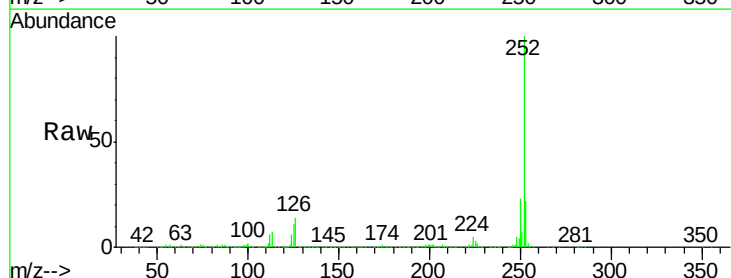
Tgt Ion:252 Resp: 951027

Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

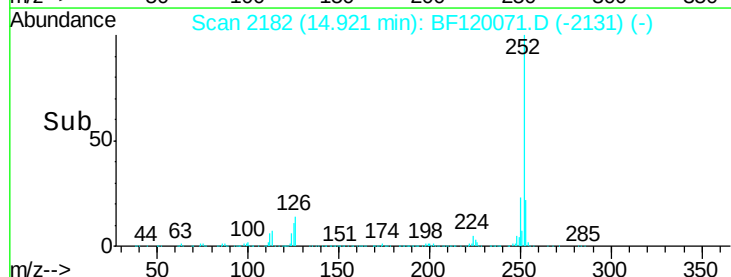
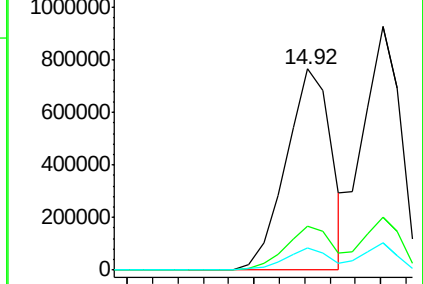
125 11.0 7.4 11.2

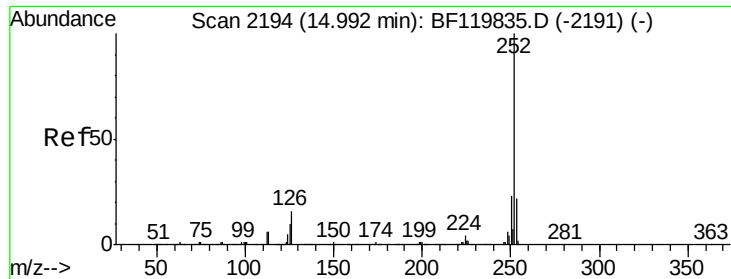


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

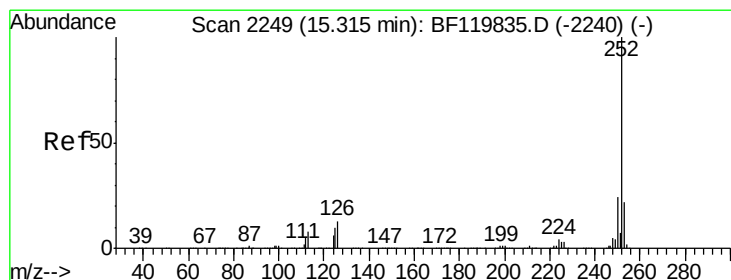
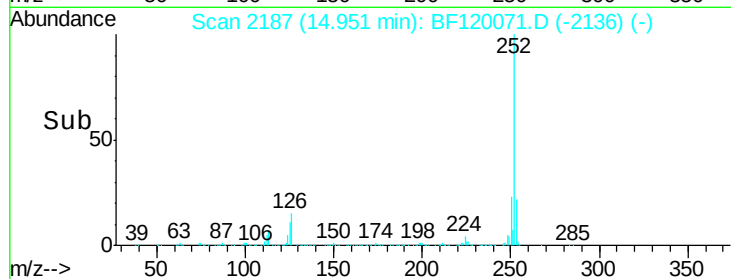
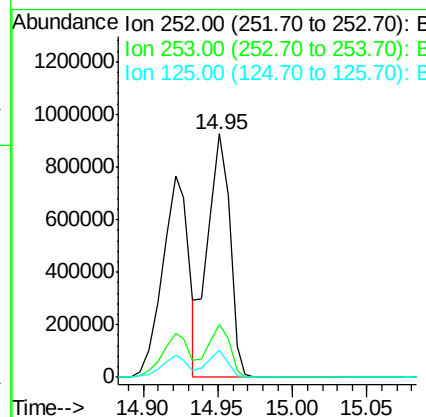
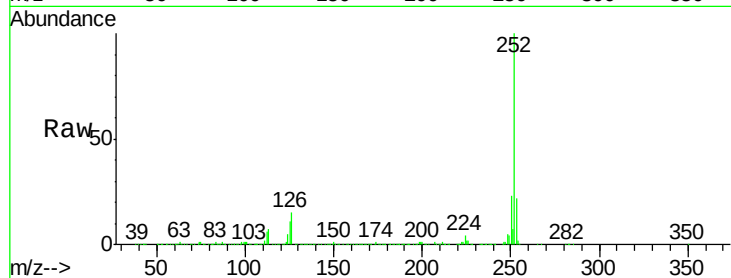




#89
Benzo(k)fluoranthene
Concen: 69.555 ng
RT: 14.95 min Scan# 2187
Delta R.T. 0.00 min
Lab File: BF120071.D
Acq: 17 Apr 2020 20:44

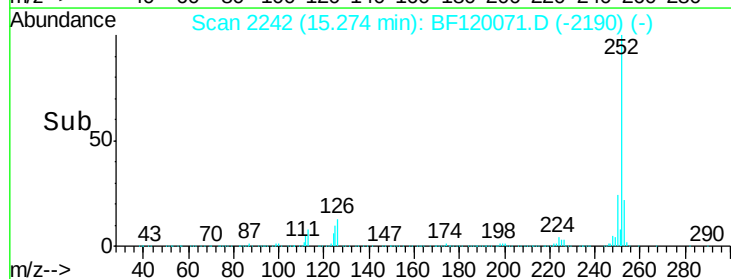
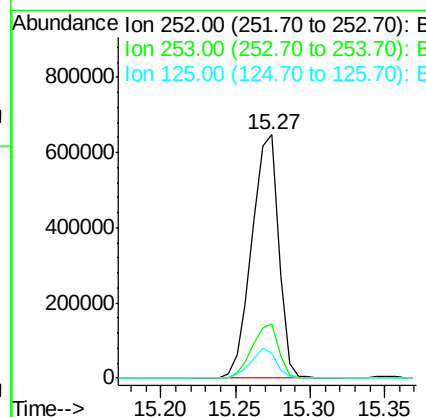
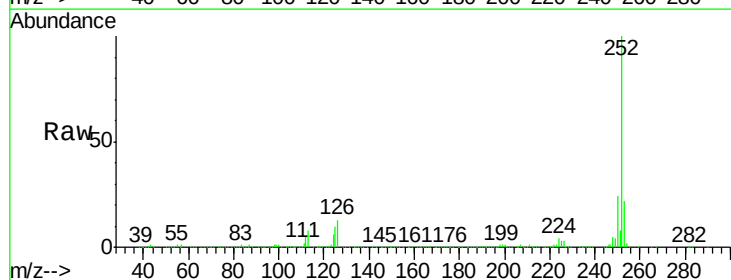
Instrument :
BNA_F
ClientSampleId :

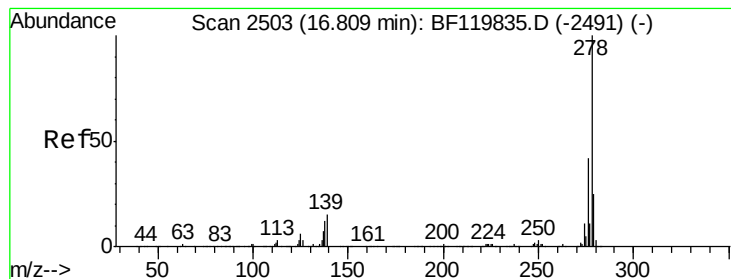
Tot Ion:252 Resp: 946395
Ion Ratio Lower Upper
252 100
253 21.8 17.8 26.8
125 11.3 7.7 11.5



#90
Benzo(a)pyrene
Concen: 60.559 ng
RT: 15.27 min Scan# 2242
Delta R.T. 0.01 min
Lab File: BF120071.D
Acq: 17 Apr 2020 20:44

Tgt Ion:252 Resp: 802954
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.2
125 10.2 8.3 12.5





#91

Dibenzo(a,h)anthracene

Concen: 59.022 ng

RT: 16.74 min Scan# 2492

Delta R.T. 0.01 min

Lab File: BF120071.D

Acq: 17 Apr 2020 20:44

Instrument :

BNA_F

ClientSampleId :

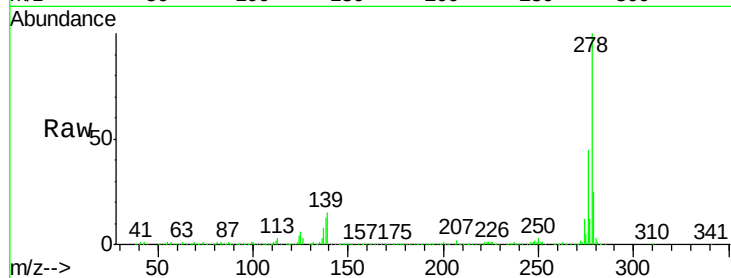
Tot Ion:278 Resp: 693202

Ion Ratio Lower Upper

278 100

139 15.1 11.6 17.4

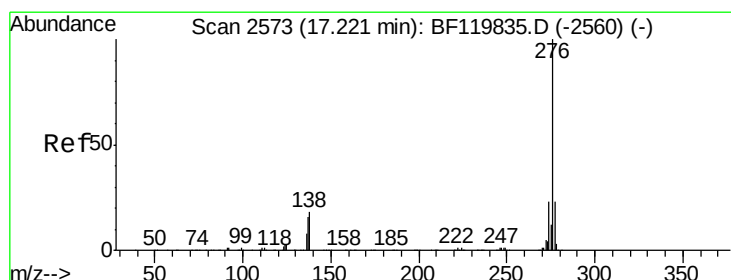
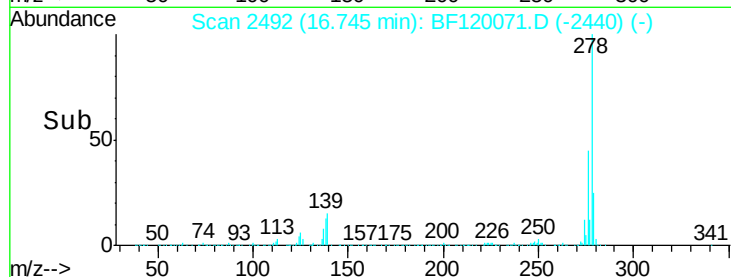
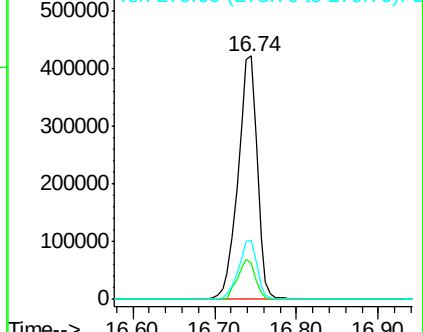
279 24.6 19.7 29.5



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 56.104 ng

RT: 17.15 min Scan# 2561

Delta R.T. 0.01 min

Lab File: BF120071.D

Acq: 17 Apr 2020 20:44

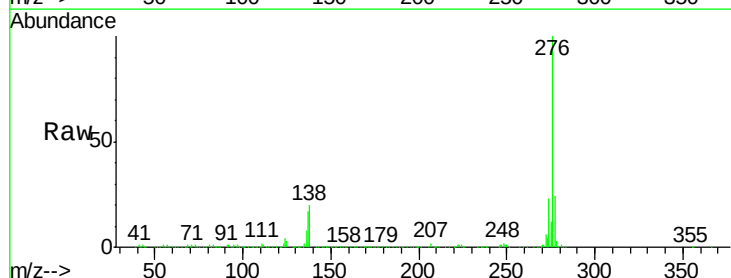
Tgt Ion:276 Resp: 650431

Ion Ratio Lower Upper

276 100

277 23.9 18.5 27.7

138 20.0 14.6 22.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

