

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041720\
 Data File : BF120070.D
 Acq On : 17 Apr 2020 20:16
 Operator : MA/SJ
 Sample : L2198-12MS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 18 01:39:41 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	167323	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	617216	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	282434	20.00	ng	0.00
64) Phenanthrene-d10	11.26	188	413703	20.00	ng	0.00
76) Chrysene-d12	13.90	240	202116	20.00	ng	0.00
87) Perylene-d12	15.33	264	180856	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.35	112	941946	97.29	ng	0.02
7) Phenol-d6	6.38	99	1212636	97.20	ng	0.01
23) Nitrobenzene-d5	7.30	82	755656	63.34	ng	0.00
42) 2,4,6-Tribromophenol	10.57	330	224030	64.79	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	1433737	72.07	ng	0.00
79) Terphenyl-d14	12.85	244	977448	81.37	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.46	88	196556	45.580	ng	97
3) Pyridine	3.17	79	603287	50.989	ng	99
4) n-Nitrosodimethylamine	3.14	42	355448	58.799	ng	100
6) Aniline	6.39	93	610669	37.294	ng	# 1
8) 2-Chlorophenol	6.52	128	695537	64.295	ng	96
9) Benzaldehyde	6.27	77	312691	54.752	ng	97
10) Phenol	6.39	94	856736	60.531	ng	88
11) bis(2-Chloroethyl)ether	6.47	93	678514	62.088	ng	99
12) 1,3-Dichlorobenzene	6.67	146	697225	58.870	ng	99
13) 1,4-Dichlorobenzene	6.75	146	703117	58.280	ng	98
14) 1,2-Dichlorobenzene	6.90	146	668582	60.132	ng	97
15) Benzyl Alcohol	6.88	79	562758	58.077	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.02	45	1146742	53.924	ng	95
17) 2-Methylphenol	7.00	107	547265	56.687	ng	94
18) Hexachloroethane	7.24	117	242999	53.895	ng	97
19) n-Nitroso-di-n-propylamine	7.16	70	483940	60.323	ng	99
20) 3+4-Methylphenols	7.16	107	667480	56.531	ng	# 74
22) Acetophenone	7.15	105	917245	63.463	ng	# 96
24) Nitrobenzene	7.32	77	707387	58.940	ng	98
25) Isophorone	7.56	82	1326196	57.664	ng	99
26) 2-Nitrophenol	7.63	139	292526	48.786	ng	95
27) 2,4-Dimethylphenol	7.68	122	563375	62.298	ng	99
28) bis(2-Chloroethoxy)methane	7.77	93	854893	63.169	ng	99
29) 2,4-Dichlorophenol	7.88	162	531270	57.313	ng	97
30) 1,2,4-Trichlorobenzene	7.96	180	594794	56.630	ng	99
31) Naphthalene	8.04	128	1875144	57.744	ng	99
32) Benzoic acid	7.82	122	239982	30.216	ng	97
33) 4-Chloroaniline	8.09	127	269516	19.065	ng	99
34) Hexachlorobutadiene	8.16	225	346852	55.167	ng	98
35) Caprolactam	8.49	113	128859	45.445	ng	94
36) 4-Chloro-3-methylphenol	8.59	107	556769	55.478	ng	98
37) 2-Methylnaphthalene	8.73	142	1241212	56.378	ng	98
38) 1-Methylnaphthalene	8.83	142	1156087	55.712	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.90	216	555853	62.312	ng	99

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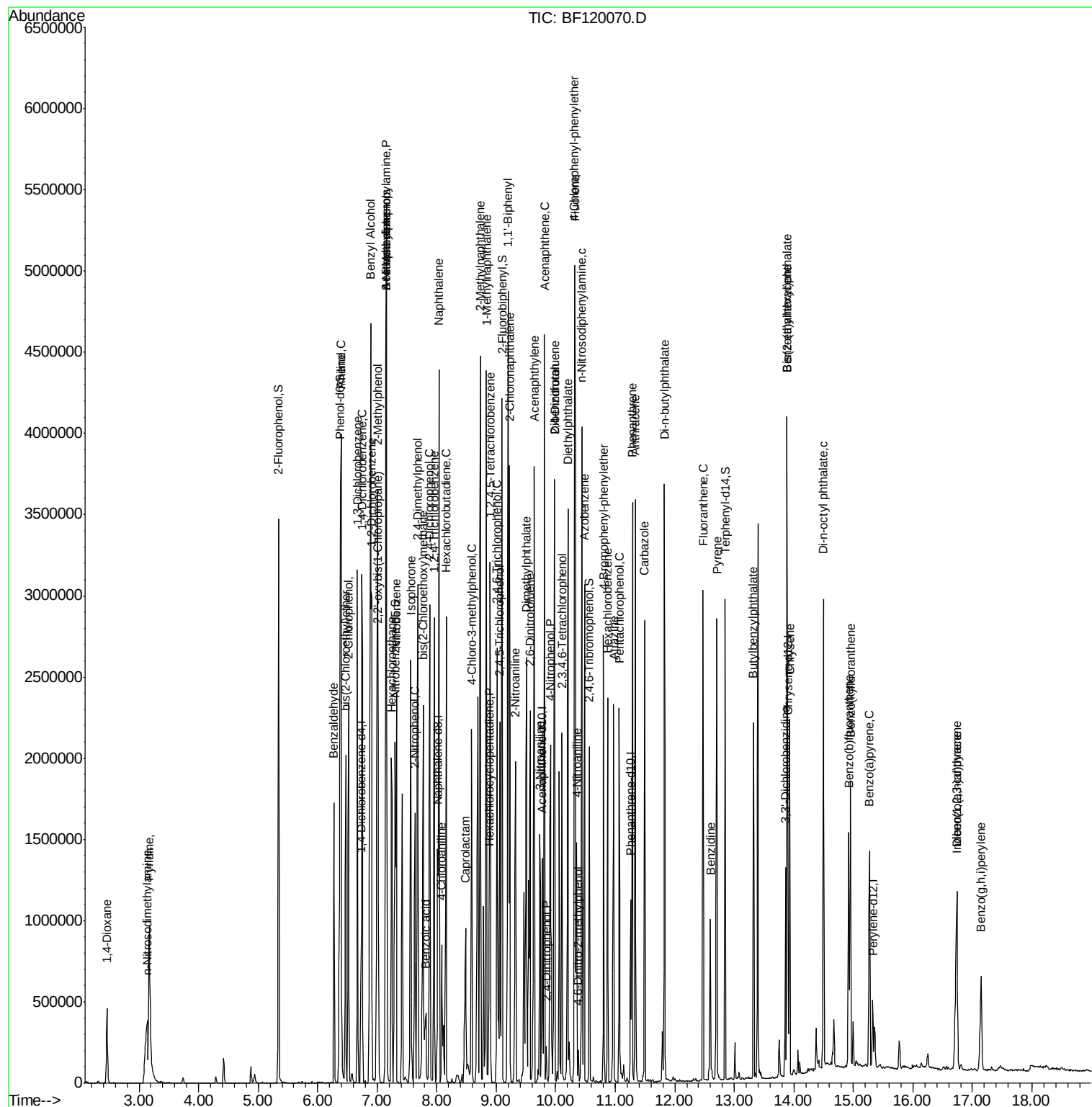
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.88	237	128762	25.384	nq	96
43) 2,4,6-Trichlorophenol	9.02	196	354591	57.564	nq	99
44) 2,4,5-Trichlorophenol	9.06	196	350812	50.564	nq	93
46) 1,1'-Biphenyl	9.20	154	1448391	60.757	nq	98
47) 2-Chloronaphthalene	9.22	162	1106446	60.250	nq	97
48) 2-Nitroaniline	9.32	65	395558	59.438	nq	97
49) Acenaphthylene	9.64	152	1622999	58.112	nq	100
50) Dimethylphthalate	9.51	163	1563091	71.551	nq	99
51) 2,6-Dinitrotoluene	9.57	165	261427	54.647	nq	92
52) Acenaphthene	9.81	154	984670	52.853	nq	99
53) 3-Nitroaniline	9.73	138	234696	42.956	nq	92
54) 2,4-Dinitrophenol	9.84	184	28306	9.883	nq	93
55) Dibenzofuran	9.98	168	1434237	56.101	nq	98
56) 4-Nitrophenol	9.91	139	299470	73.666	nq	98
57) 2,4-Dinitrotoluene	9.97	165	307175	48.736	nq	96
58) Fluorene	10.33	166	1066028	52.139	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.10	232	246551	46.464	nq	98
60) Diethylphthalate	10.20	149	1359285	60.034	nq	100
61) 4-Chlorophenyl-phenylether	10.32	204	547912	52.285	nq	95
62) 4-Nitroaniline	10.35	138	266147	51.114	nq	98
63) Azobenzene	10.48	77	1148141	56.583	nq	94
65) 4,6-Dinitro-2-methylphenol	10.38	198	24785	9.094	nq	96
66) n-Nitrosodiphenylamine	10.44	169	996306	72.413	nq	98
67) 4-Bromophenyl-phenylether	10.80	248	315724	61.367	nq	94
68) Hexachlorobenzene	10.87	284	313575	60.081	nq	99
69) Atrazine	10.97	200	255245	66.677	nq	98
70) Pentachlorophenol	11.07	266	240352	79.912	nq	98
71) Phenanthrene	11.29	178	1301498	59.111	nq	98
72) Anthracene	11.34	178	1316015	58.509	nq	99
73) Carbazole	11.49	167	1164567	54.751	nq	99
74) Di-n-butylphthalate	11.83	149	1759261	62.916	nq	100
75) Fluoranthene	12.47	202	1187193	49.973	nq	99
77) Benzidine	12.60	184	389818	57.057	nq	95
78) Pyrene	12.70	202	1166907	68.485	nq	100
80) Butylbenzylphthalate	13.33	149	547837	66.261	nq	93
81) Benzo(a)anthracene	13.89	228	822584	61.865	nq	100
82) 3,3'-Dichlorobenzidine	13.86	252	245895	49.563	nq	98
83) Chrysene	13.93	228	807336	59.757	nq	100
84) Bis(2-ethylhexyl)phthalate	13.89	149	682732	60.979	nq	# 97
85) Di-n-octyl phthalate	14.50	149	1214389	63.702	nq	100
86) Indeno(1,2,3-cd)pyrene	16.73	276	616876	51.798	nq	98
88) Benzo(b)fluoranthene	14.92	252	719207	55.280	nq	99
89) Benzo(k)fluoranthene	14.95	252	758678	67.585	nq	98
90) Benzo(a)pyrene	15.27	252	643210	58.799	nq	98
91) Dibenzo(a,h)anthracene	16.74	278	519484	53.612	nq	96
92) Benzo(g,h,i)perylene	17.14	276	480453	50.232	nq	97

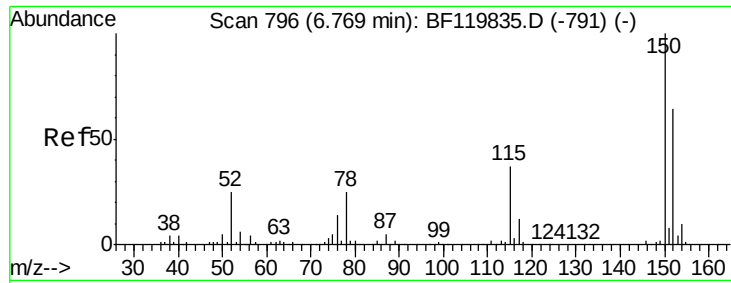
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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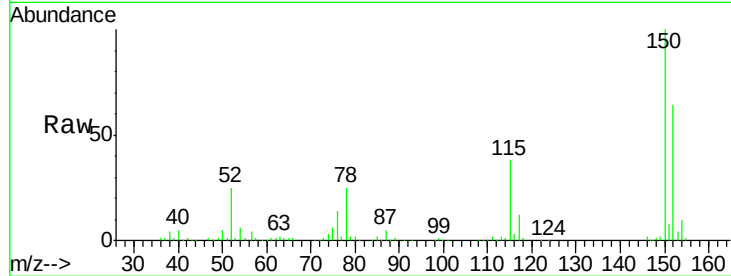


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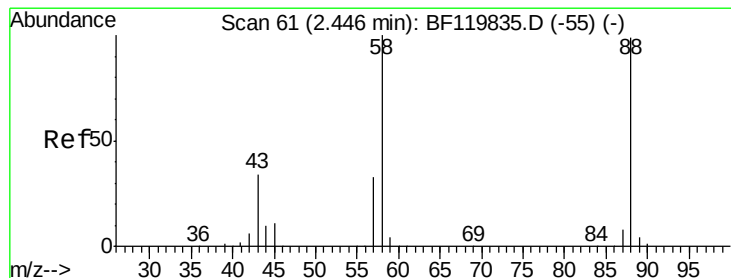
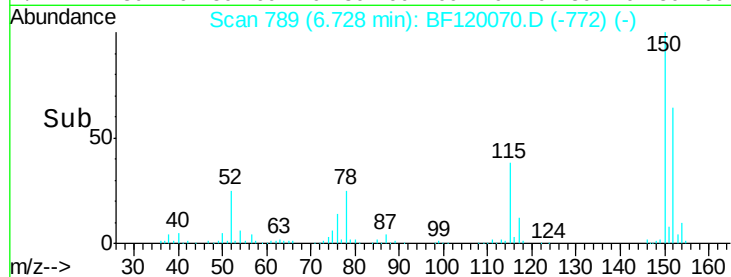
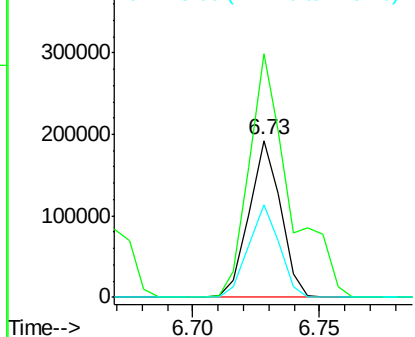
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. 0.00 min
Lab File: BF120070.D
Acq: 17 Apr 2020 20:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 167323
Ion Ratio Lower Upper
152 100
150 155.5 124.8 187.2
115 59.5 46.5 69.7



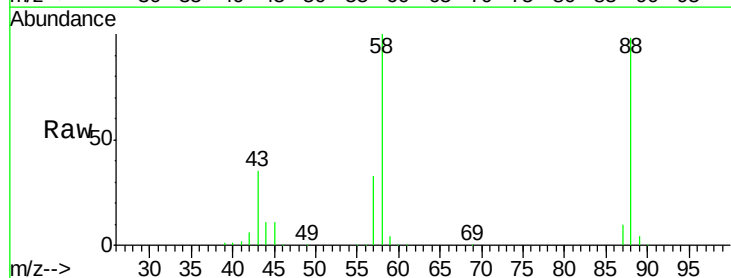
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



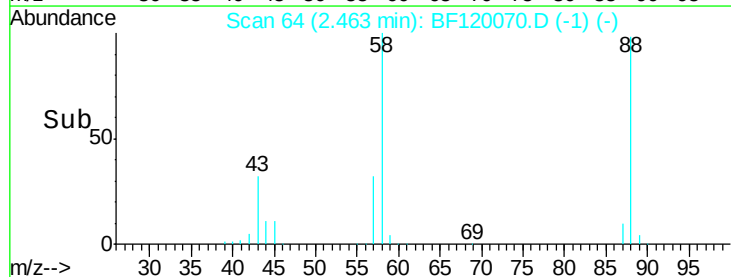
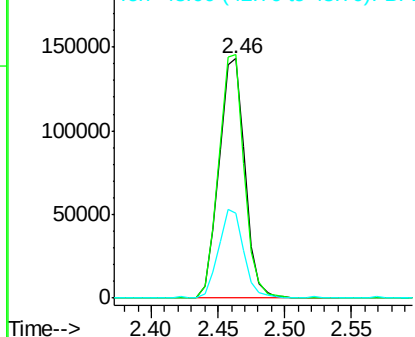
#2

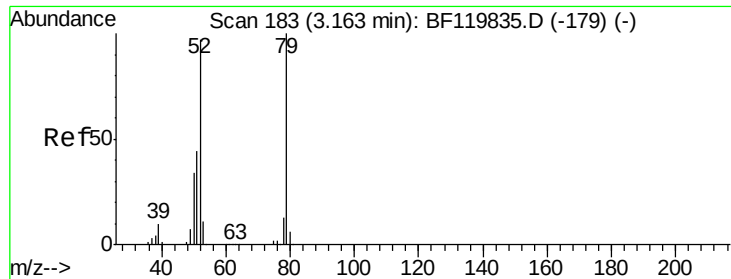
1,4-Dioxane
Concen: 45.580 ng
RT: 2.46 min Scan# 64
Delta R.T. 0.09 min
Lab File: BF120070.D
Acq: 17 Apr 2020 20:16

Tgt Ion: 88 Resp: 196556
Ion Ratio Lower Upper
88 100
58 99.5 82.6 123.8
43 36.6 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: 50.989 ng

RT: 3.17 min Scan# 184

Delta R.T. 0.09 min

Lab File: BF120070.D

Acq: 17 Apr 2020 20:16

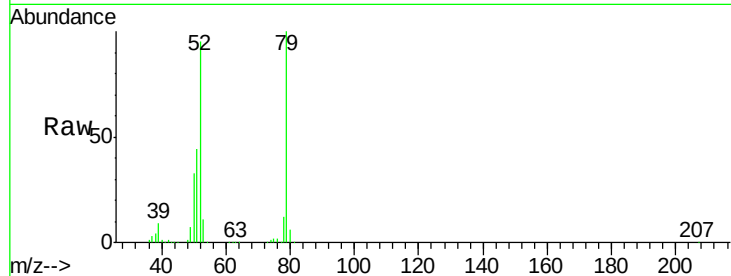
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 79 Resp: 603287

Ion	Ratio	Lower	Upper
79	100		
52	95.4	77.4	116.0
51	43.7	35.3	52.9

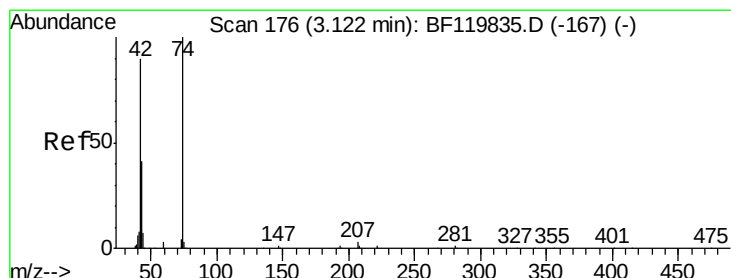
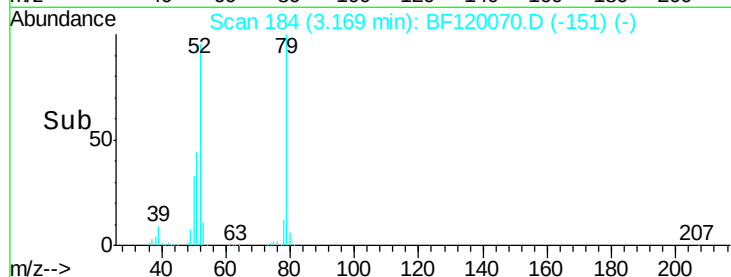
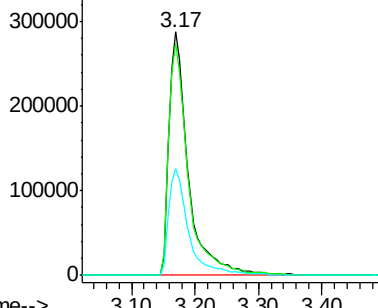


Abundance

Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 58.799 ng

RT: 3.14 min Scan# 179

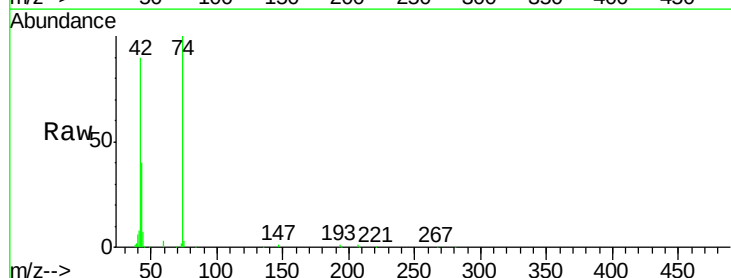
Delta R.T. 0.10 min

Lab File: BF120070.D

Acq: 17 Apr 2020 20:16

Tgt Ion: 42 Resp: 355448

Ion	Ratio	Lower	Upper
42	100		
74	111.2	89.0	133.4
44	7.4	6.2	9.4

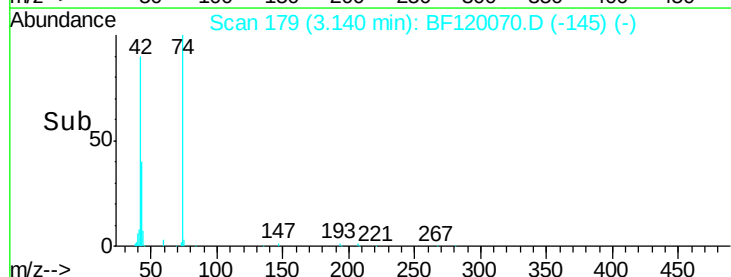
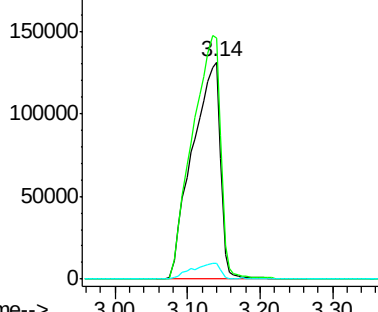


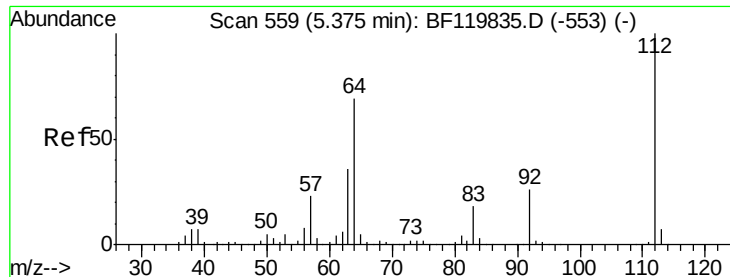
Abundance

Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 97.288 ng

RT: 5.35 min Scan# 554

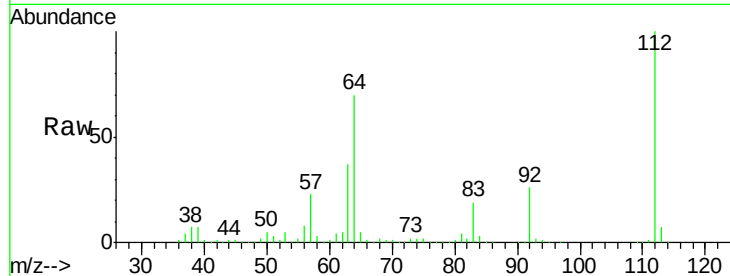
Delta R.T. 0.02 min

Lab File: BF120070.D

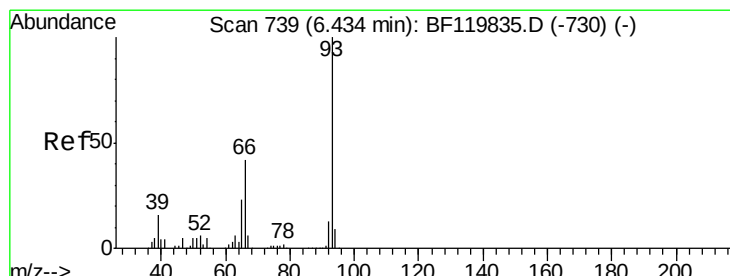
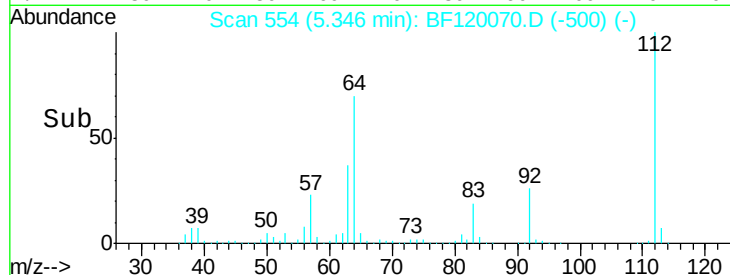
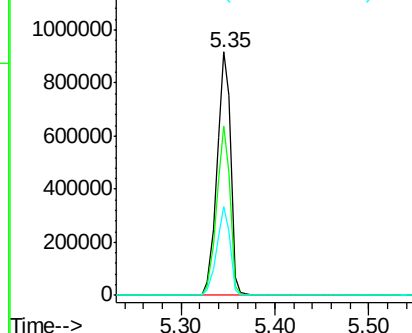
Acq: 17 Apr 2020 20:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	112	Resp:	941946
Ion	Ratio	Lower	Upper
112	100		
64	69.6	55.5	83.3
63	36.6	29.1	43.7



Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 37.294 ng

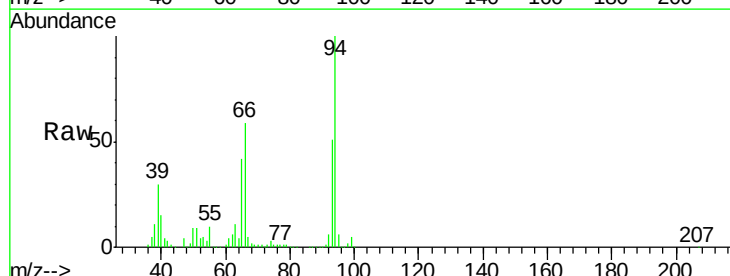
RT: 6.39 min Scan# 732

Delta R.T. 0.00 min

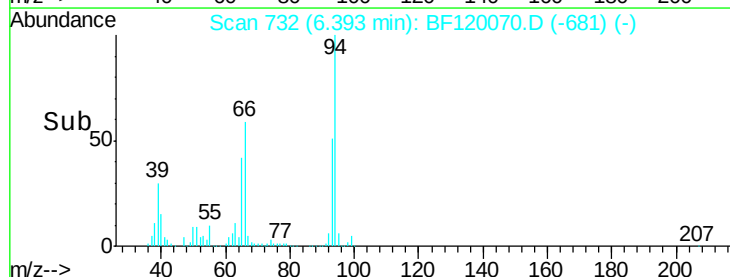
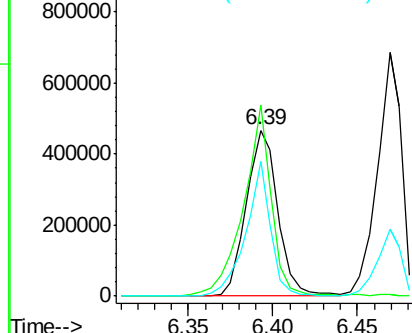
Lab File: BF120070.D

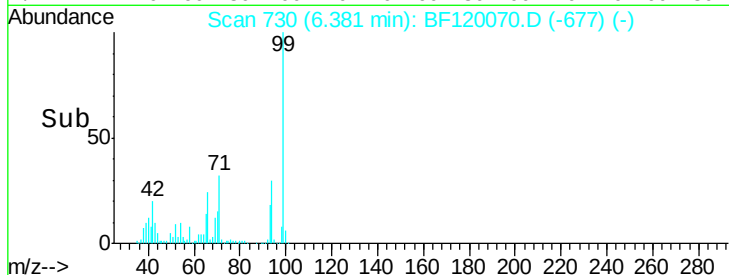
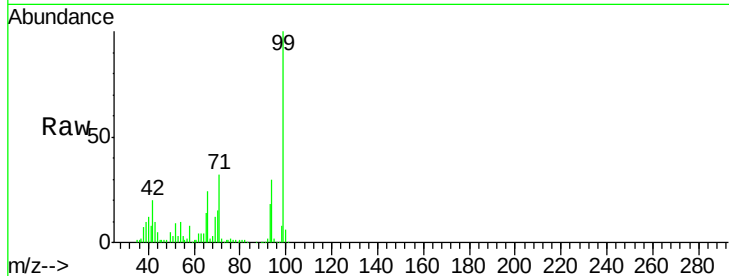
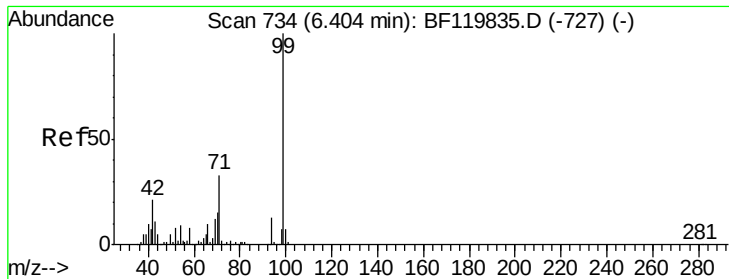
Acq: 17 Apr 2020 20:16

Tgt Ion:	93	Resp:	610669
Ion	Ratio	Lower	Upper
93	100		
66	115.4	34.2	51.2#
65	81.3	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: 97.199 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.01 min

Lab File: BF120070.D

Acq: 17 Apr 2020 20:16

Instrument :

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ClientSampled :

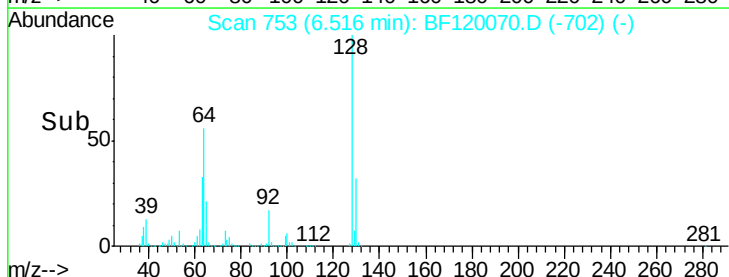
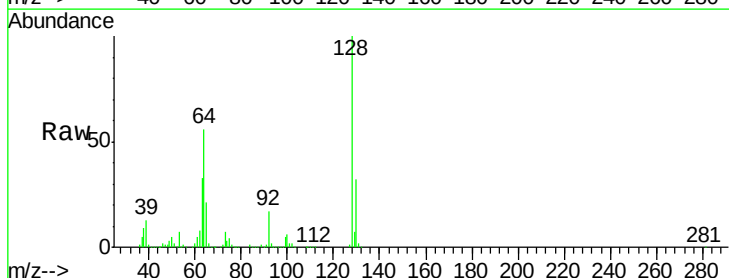
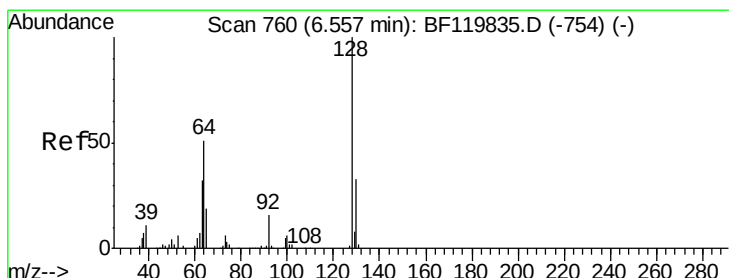
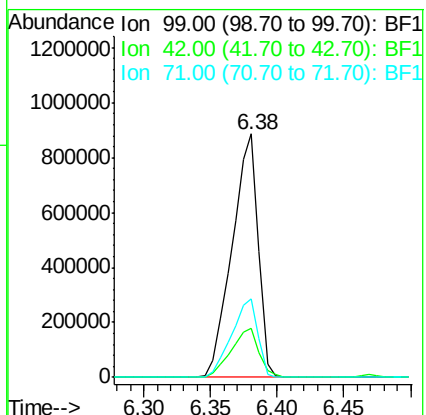
Tot Ion: 99 Resp: 1212636

Ion Ratio Lower Upper

99 100

42 20.1 16.9 25.3

71 32.1 26.3 39.5



#8

2-Chlorophenol

Concen: 64.295 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF120070.D

Acq: 17 Apr 2020 20:16

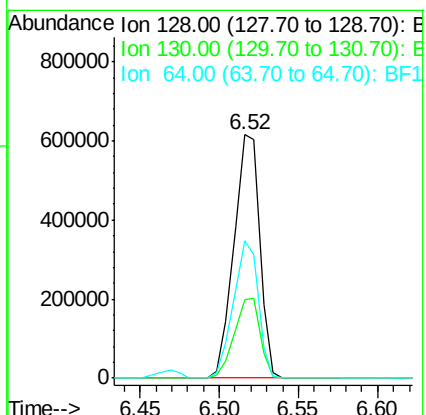
Tgt Ion: 128 Resp: 695537

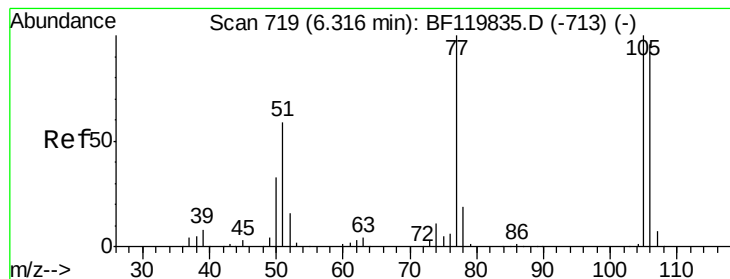
Ion Ratio Lower Upper

128 100

130 32.5 12.6 52.6

64 56.5 32.0 72.0





#9

Benzaldehyde

Concen: 54.752 ng

RT: 6.27 min Scan# 712

Delta R.T. 0.00 min

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Acq: 17 Apr 2020 20:16

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ClientSampleId :

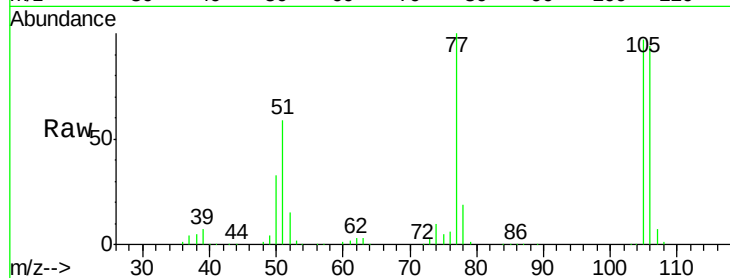
Tot Ion: 77 Resp: 312691

Ion Ratio Lower Upper

77 100

105 97.4 79.9 119.9

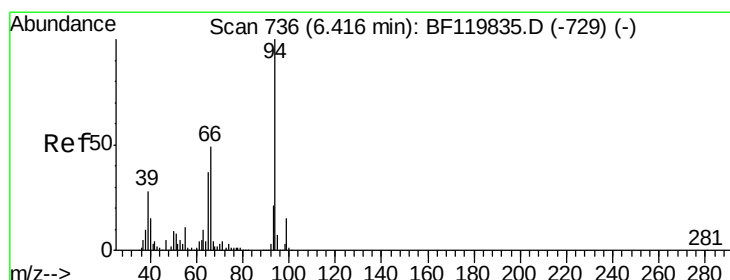
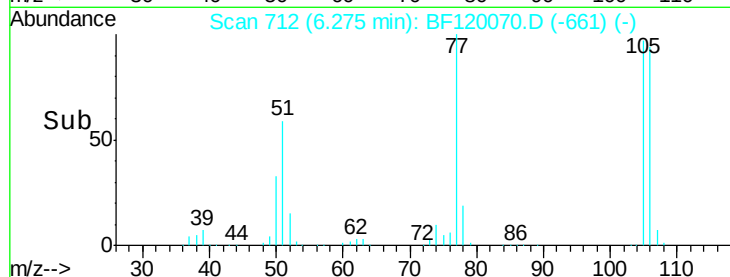
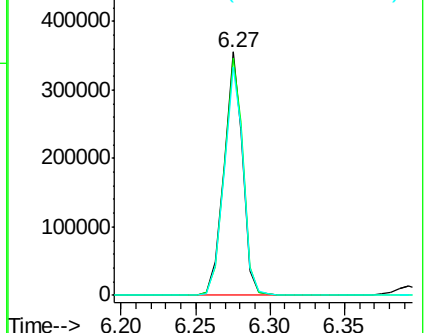
106 93.6 76.4 116.4



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 60.531 ng

RT: 6.39 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF120070.D

Acq: 17 Apr 2020 20:16

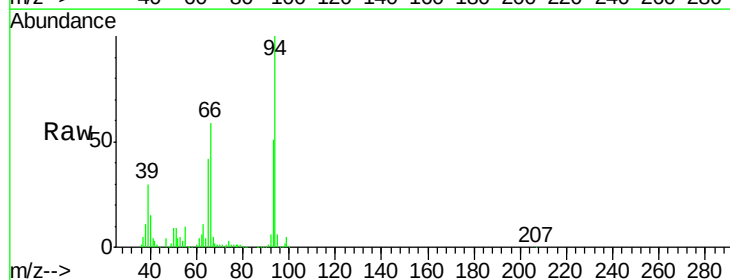
Tgt Ion: 94 Resp: 856736

Ion Ratio Lower Upper

94 100

65 41.5 16.6 56.6

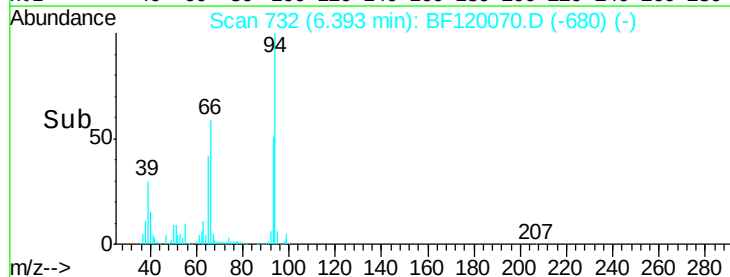
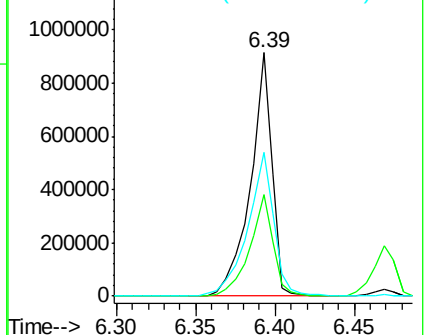
66 59.0 29.3 69.3

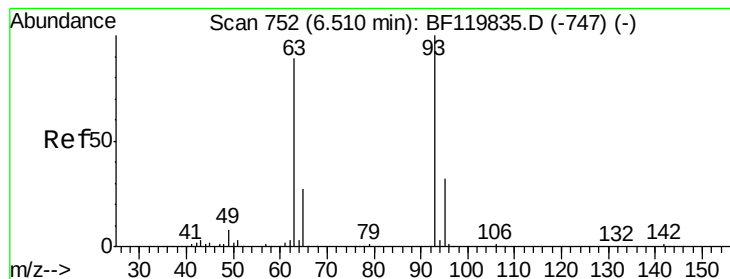


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 62.088 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.00 min

Lab File: BF120070.D

Acq: 17 Apr 2020 20:16

Instrument :

BNA_F

ClientSampleId :

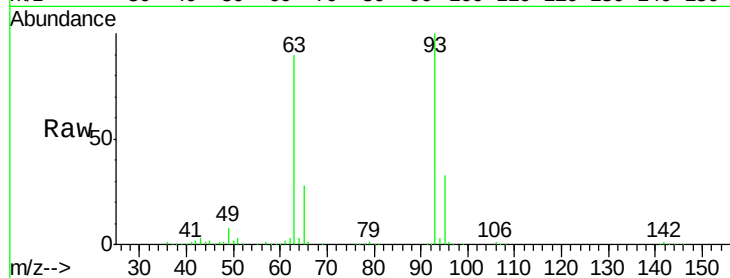
Tot Ion: 93 Resp: 678514

Ion Ratio Lower Upper

93 100

63 90.3 69.1 109.1

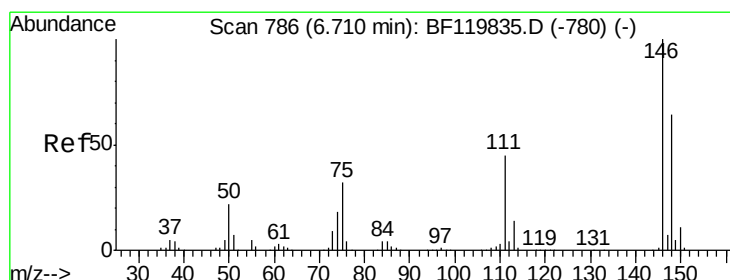
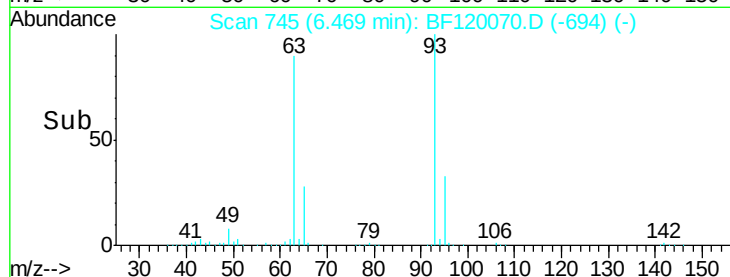
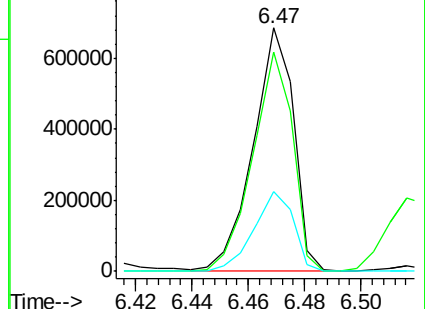
95 32.6 12.3 52.3



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 58.870 ng

RT: 6.67 min Scan# 779

Delta R.T. 0.00 min

Lab File: BF120070.D

Acq: 17 Apr 2020 20:16

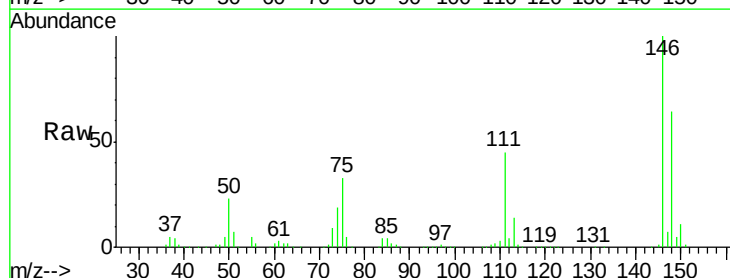
Tgt Ion: 146 Resp: 697225

Ion Ratio Lower Upper

146 100

148 63.6 51.3 76.9

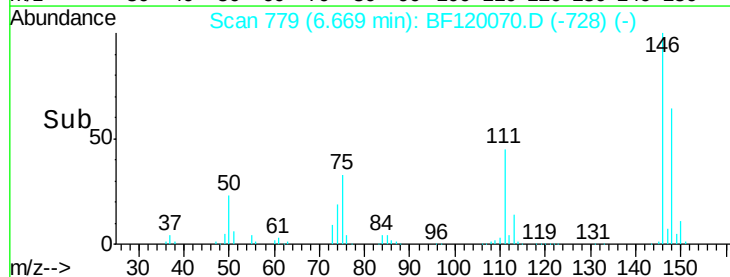
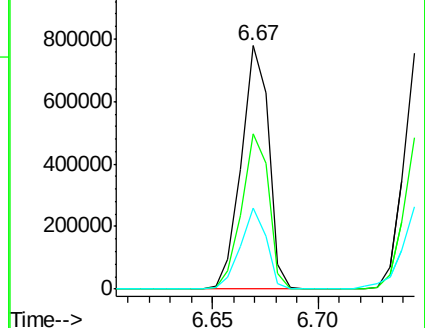
75 33.2 25.3 37.9

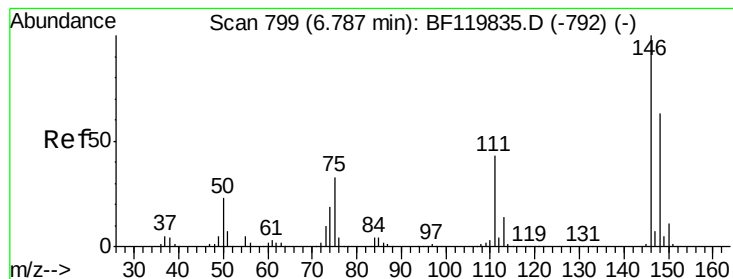


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 58.280 ng

RT: 6.75 min Scan# 792

Delta R.T. 0.00 min

Lab File: BF120070.D

Acq: 17 Apr 2020 20:16

Instrument :

BNA_F

ClientSampleId :

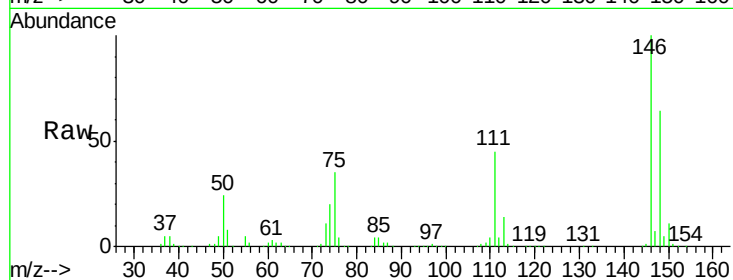
Tot Ion:146 Resp: 703117

Ion Ratio Lower Upper

146 100

148 64.4 50.5 75.7

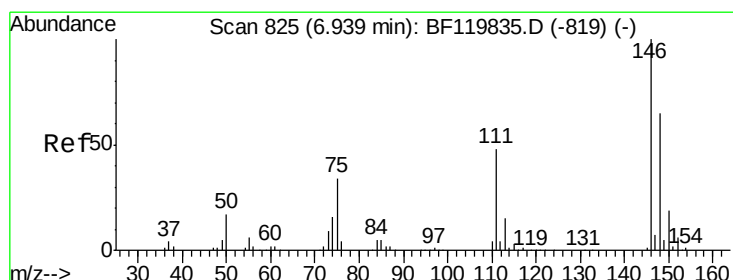
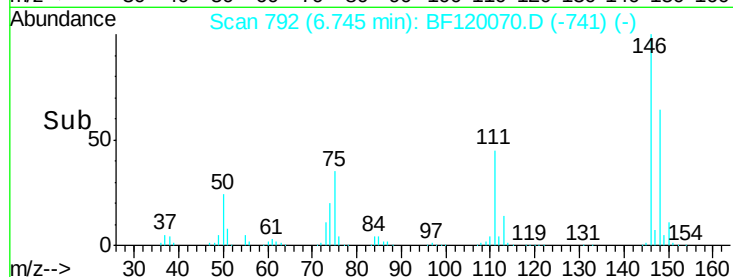
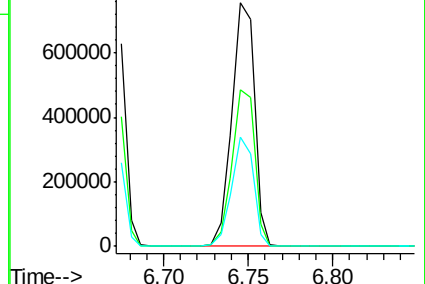
111 44.7 34.7 52.1



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: 60.132 ng

RT: 6.90 min Scan# 819

Delta R.T. 0.01 min

Lab File: BF120070.D

Acq: 17 Apr 2020 20:16

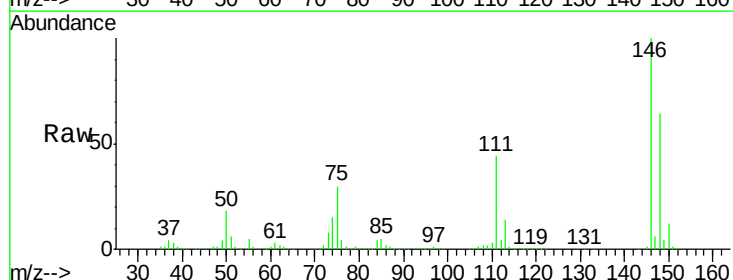
Tgt Ion:146 Resp: 668582

Ion Ratio Lower Upper

146 100

148 64.0 51.8 77.8

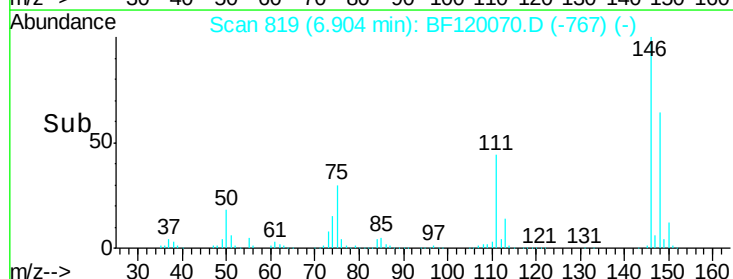
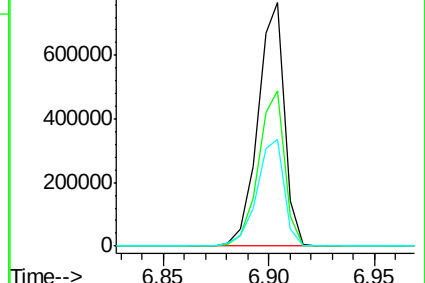
111 43.6 38.0 57.0

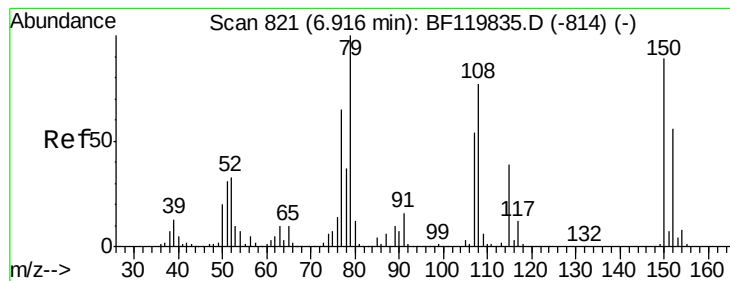


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 58.077 ng

RT: 6.88 min Scan# 815

Delta R.T. 0.01 min

Lab File: BF120070.D

Acq: 17 Apr 2020 20:16

Instrument :

BNA_F

ClientSampled :

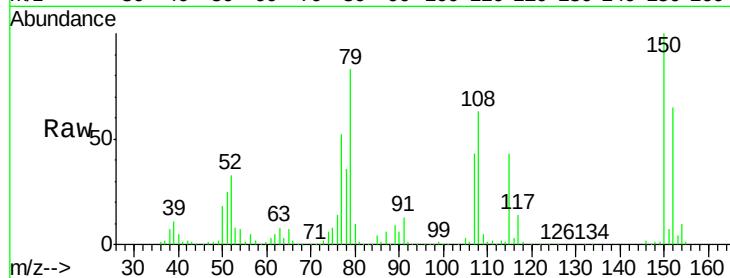
Tot Ion: 79 Resp: 562758

Ion Ratio Lower Upper

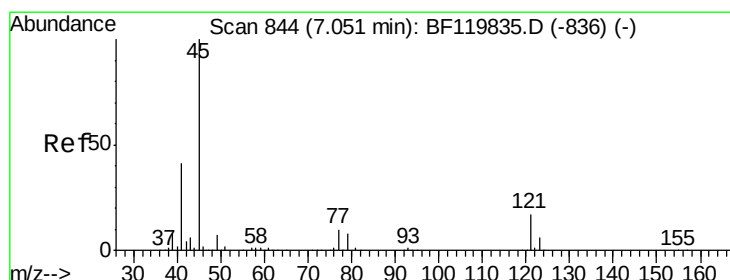
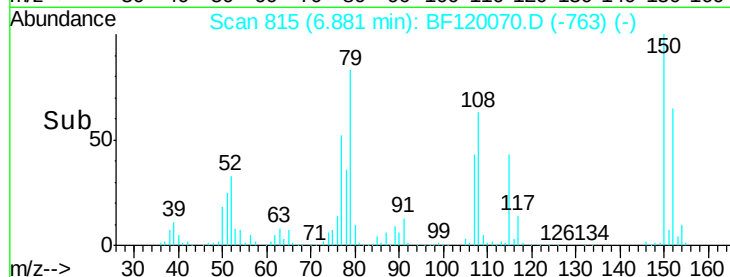
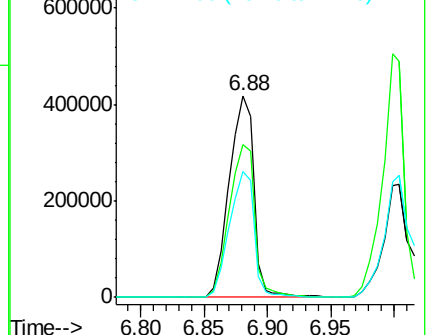
79 100

108 75.6 62.0 93.0

77 62.5 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: 53.924 ng

RT: 7.02 min Scan# 838

Delta R.T. 0.01 min

Lab File: BF120070.D

Acq: 17 Apr 2020 20:16

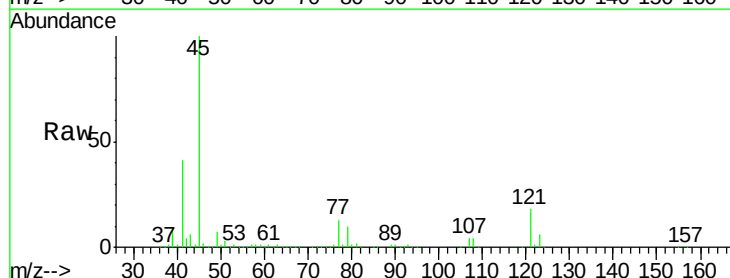
Tgt Ion: 45 Resp: 1146742

Ion Ratio Lower Upper

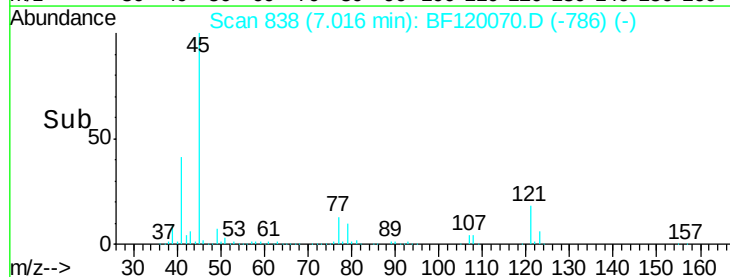
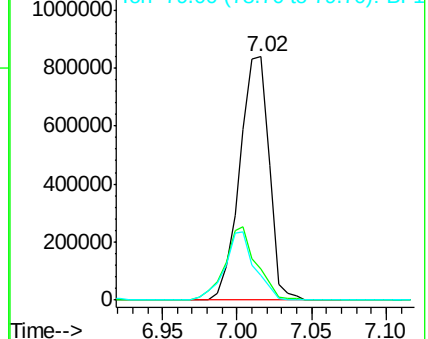
45 100

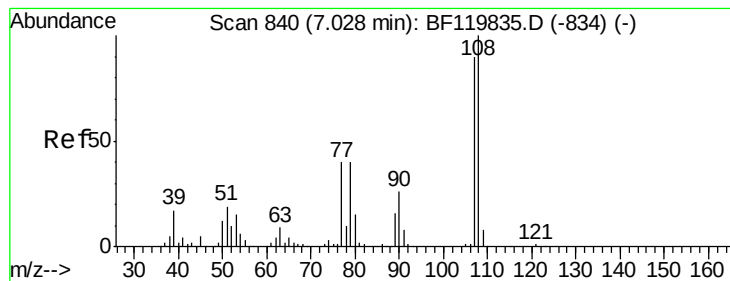
77 12.8 0.0 30.7

79 10.4 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

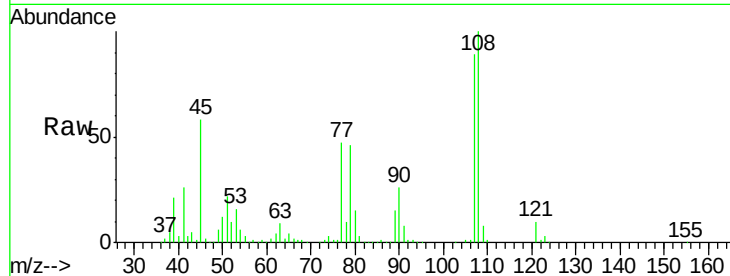




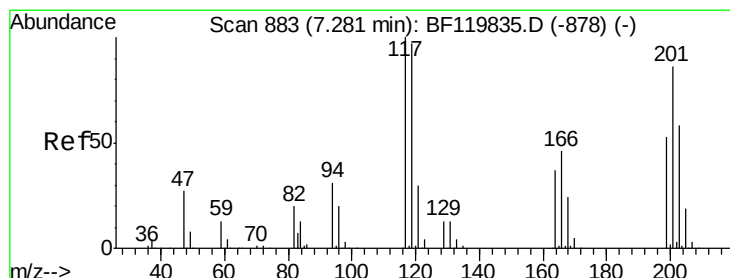
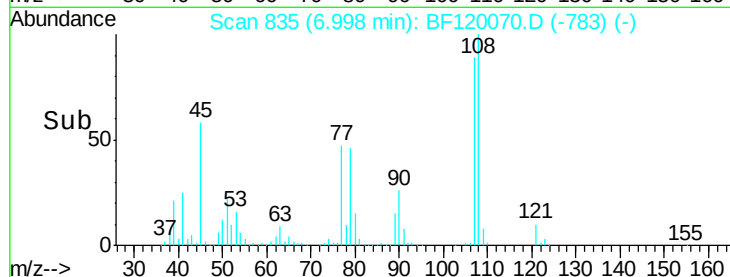
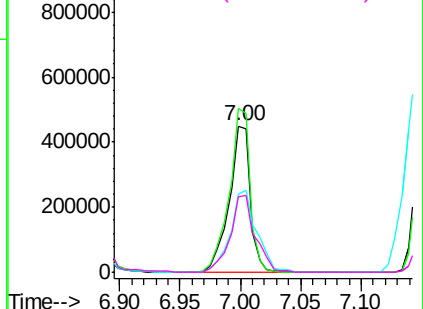
#17
2-Methylphenol
Concen: 56.687 ng
RT: 7.00 min Scan# 835
Delta R.T. 0.01 min
Lab File: BF120070.D
Acq: 17 Apr 2020 20:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 547265
Ion Ratio Lower Upper
107 100
108 112.4 88.8 133.2
77 53.3 36.0 54.0
79 51.5 35.7 53.5

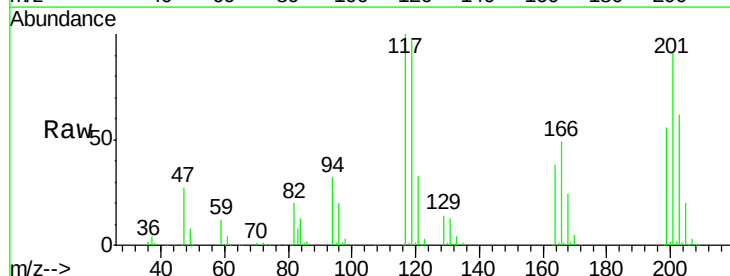


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

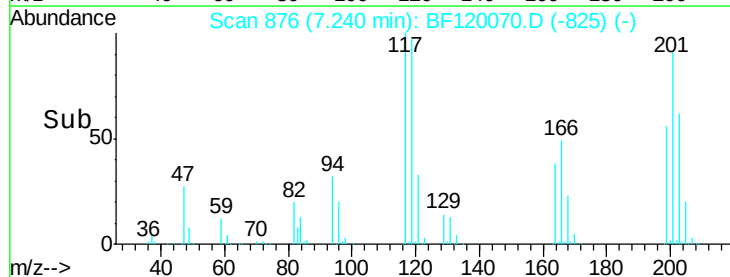
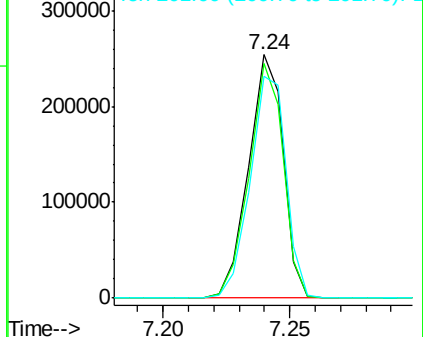


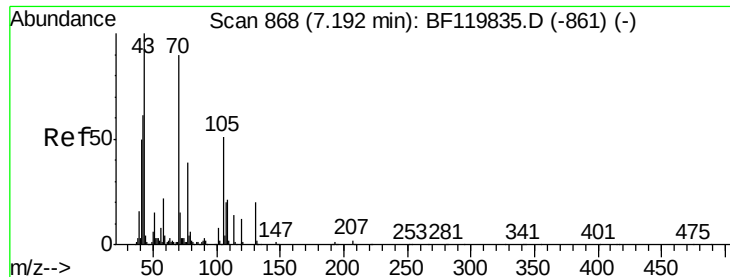
#18
Hexachloroethane
Concen: 53.895 ng
RT: 7.24 min Scan# 876
Delta R.T. 0.00 min
Lab File: BF120070.D
Acq: 17 Apr 2020 20:16

Tgt Ion:117 Resp: 242999
Ion Ratio Lower Upper
117 100
119 96.5 77.4 116.0
201 91.2 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

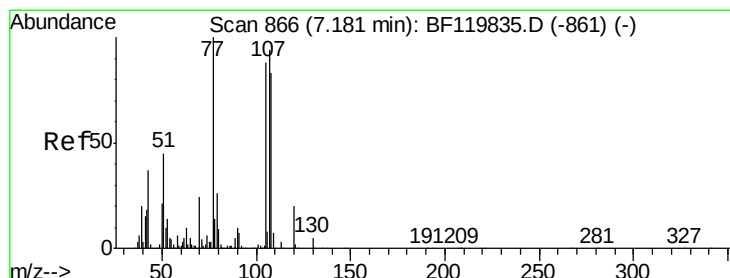
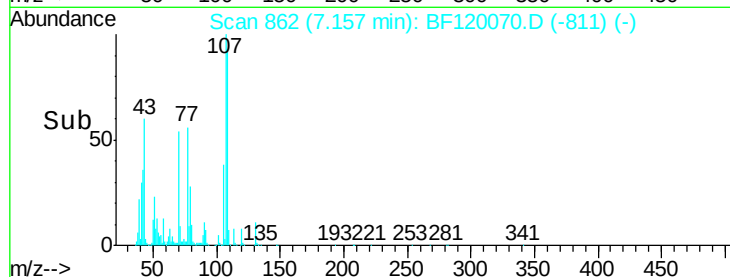
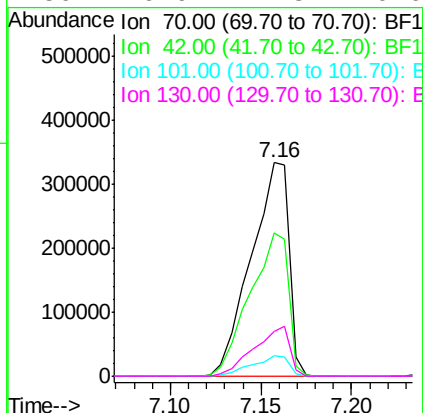
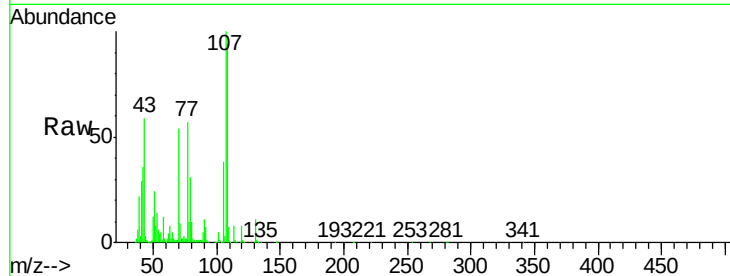




#19
n-Nitroso-di-n-propylamine
Concen: 60.323 ng
RT: 7.16 min Scan# 862
Delta R.T. 0.00 min
Lab File: BF120070.D
Acq: 17 Apr 2020 20:16

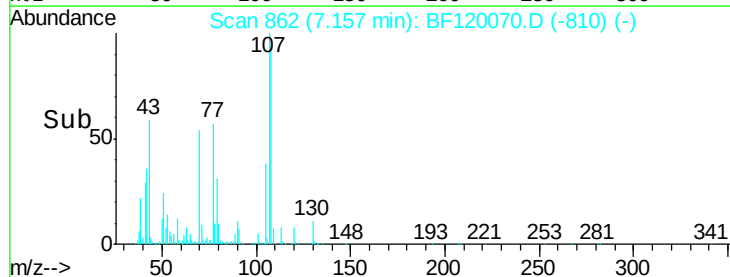
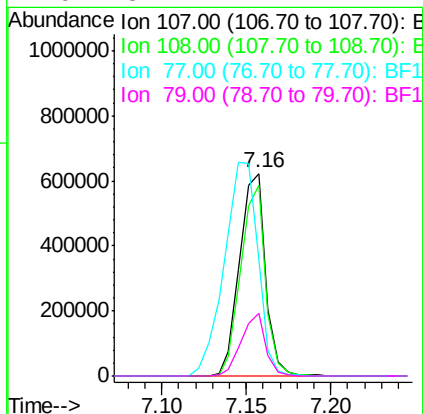
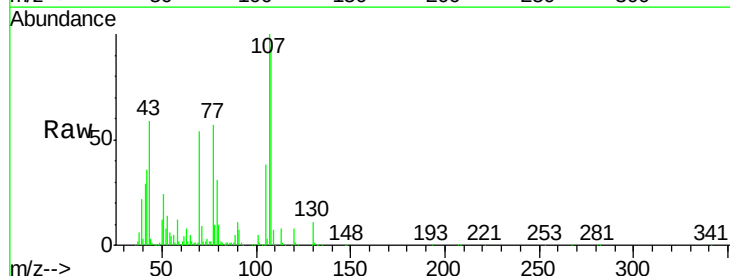
Instrument :
BNA_F
ClientSampled :

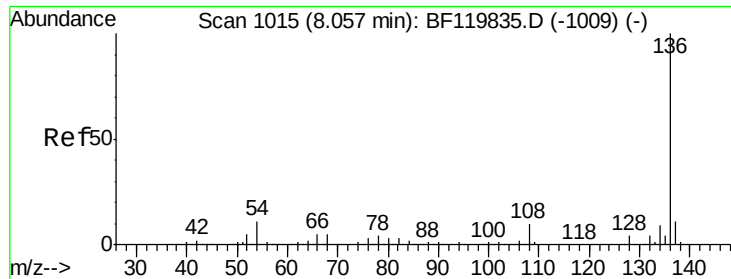
Tot Ion:	70	Resp:	483940
Ion	Ratio	Lower	Upper
70	100		
42	67.0	54.2	81.4
101	9.6	7.4	11.2
130	20.9	17.8	26.6



#20
3+4-Methylphenols
Concen: 56.531 ng
RT: 7.16 min Scan# 862
Delta R.T. 0.01 min
Lab File: BF120070.D
Acq: 17 Apr 2020 20:16

Tgt Ion:	107	Resp:	667480
Ion	Ratio	Lower	Upper
107	100		
108	93.8	68.2	108.2
77	57.4	86.6	126.6#
79	31.1	7.7	47.7

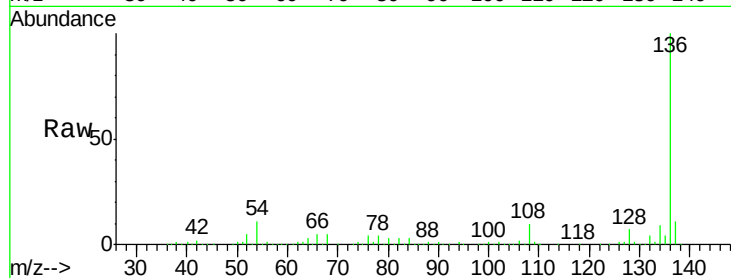




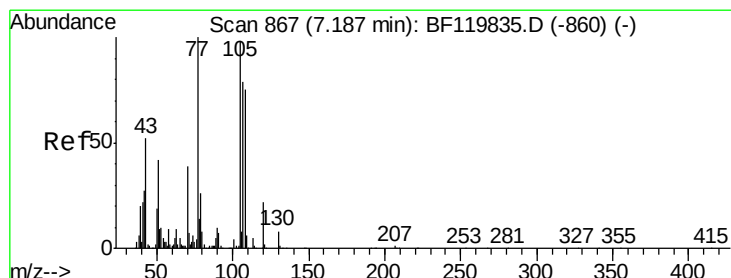
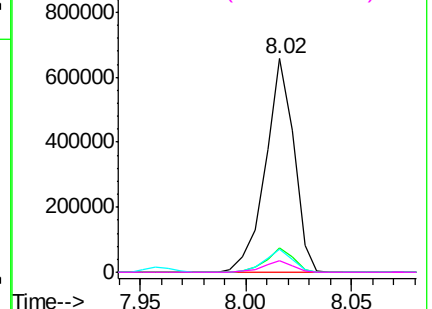
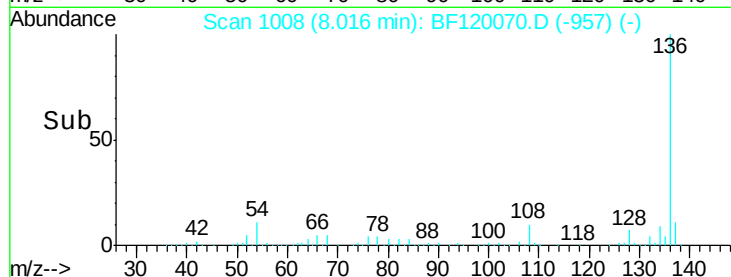
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1008
Delta R.T. 0.00 min
Lab File: BF120070.D
Acq: 17 Apr 2020 20:16

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp:	617216
Ion Ratio	Lower	Upper
136	100	
137	11.2	8.7 13.1
54	10.8	8.5 12.7
68	5.1	3.9 5.9

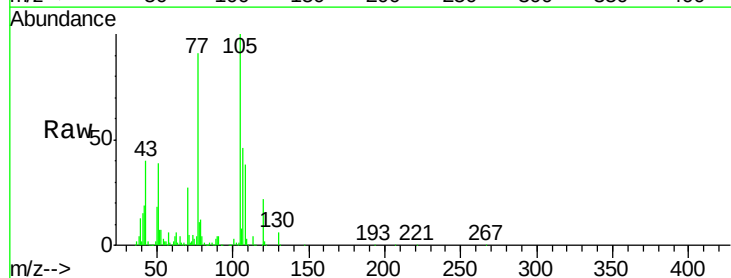


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

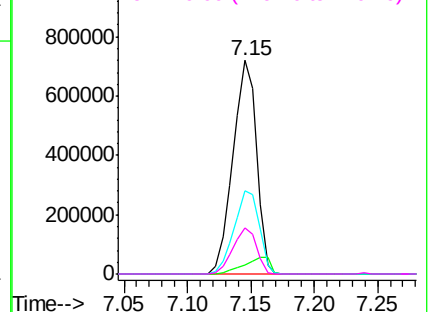
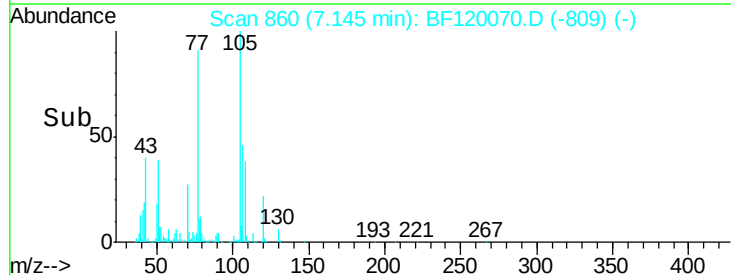


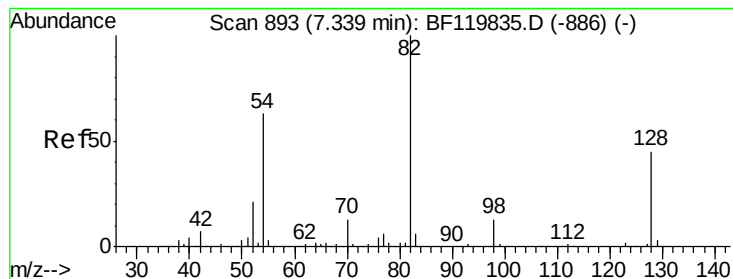
#22
Acetophenone
Concen: 63.463 ng
RT: 7.15 min Scan# 860
Delta R.T. 0.00 min
Lab File: BF120070.D
Acq: 17 Apr 2020 20:16

Tgt Ion:105	Resp:	917245
Ion Ratio	Lower	Upper
105	100	
71	4.5	5.6 8.4#
51	39.0	33.9 50.9
120	21.9	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: 63.337 ng

RT: 7.30 min Scan# 886

Delta R.T. 0.00 min

Lab File: BF120070.D

Acq: 17 Apr 2020 20:16

Instrument :

BNA_F

ClientSampleId :

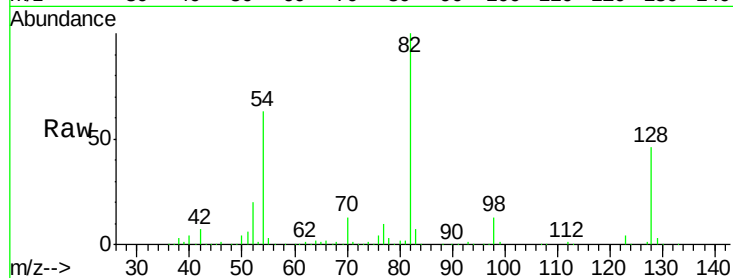
Tot Ion: 82 Resp: 755656

Ion Ratio Lower Upper

82 100

128 45.6 36.2 54.4

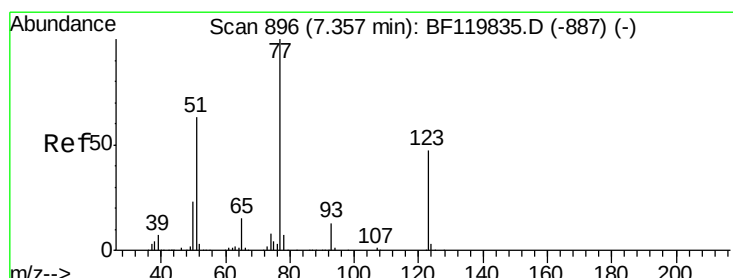
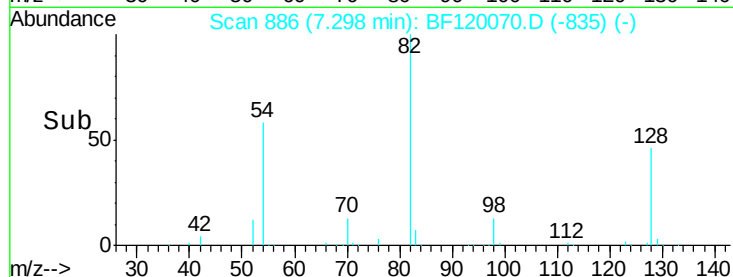
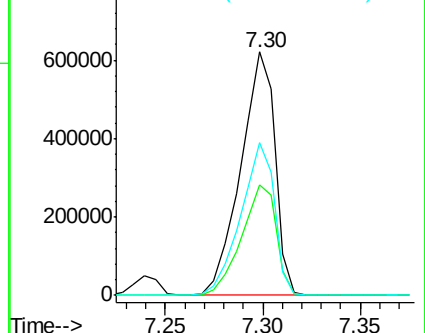
54 62.5 50.4 75.6



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 58.940 ng

RT: 7.32 min Scan# 890

Delta R.T. 0.01 min

Lab File: BF120070.D

Acq: 17 Apr 2020 20:16

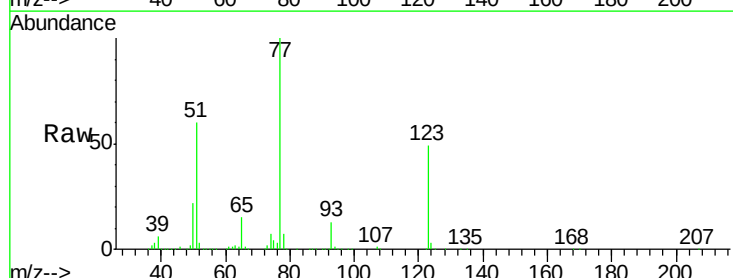
Tgt Ion: 77 Resp: 707387

Ion Ratio Lower Upper

77 100

123 49.2 37.8 56.8

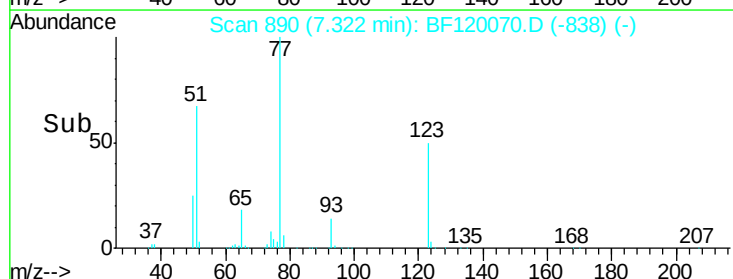
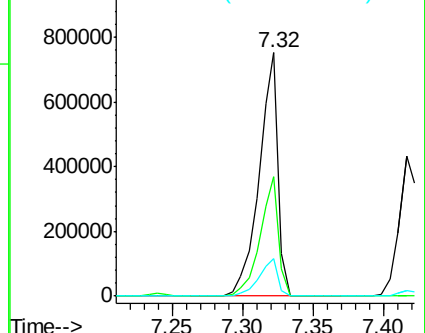
65 15.4 12.2 18.2

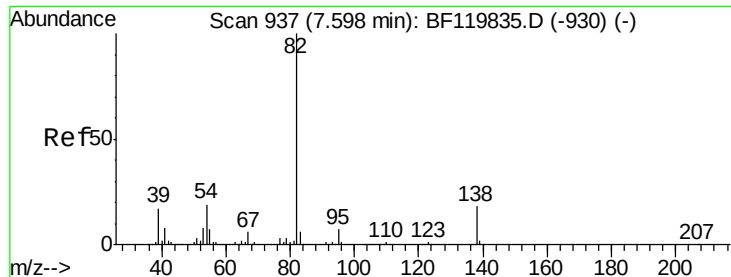


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 57.664 ng

RT: 7.56 min Scan# 931

Delta R.T. 0.00 min

Lab File: BF120070.D

Acq: 17 Apr 2020 20:16

Instrument :

BNA_F

ClientSampled :

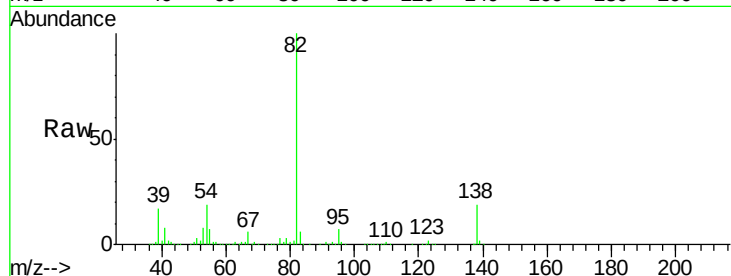
Tot Ion: 82 Resp: 1326196

Ion Ratio Lower Upper

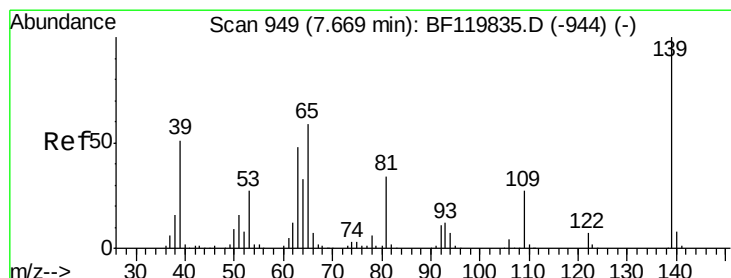
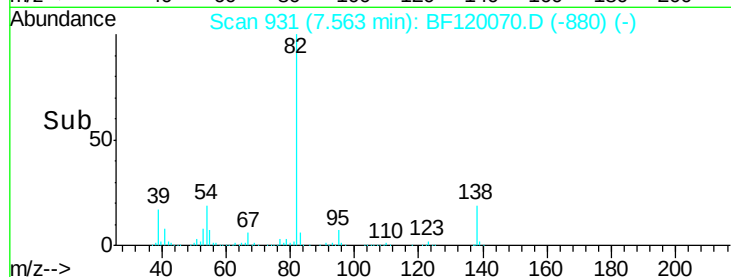
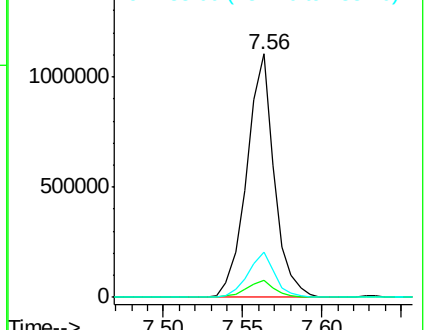
82 100

95 7.1 5.8 8.6

138 18.5 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: 48.786 ng

RT: 7.63 min Scan# 943

Delta R.T. 0.00 min

Lab File: BF120070.D

Acq: 17 Apr 2020 20:16

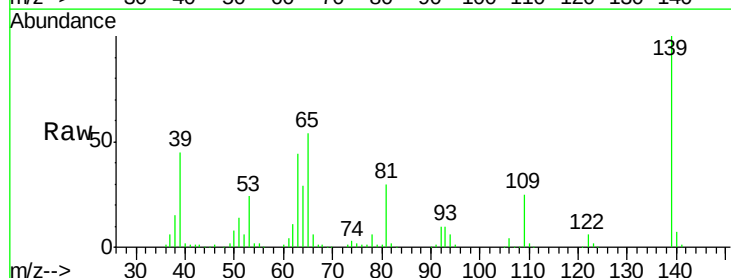
Tgt Ion: 139 Resp: 292526

Ion Ratio Lower Upper

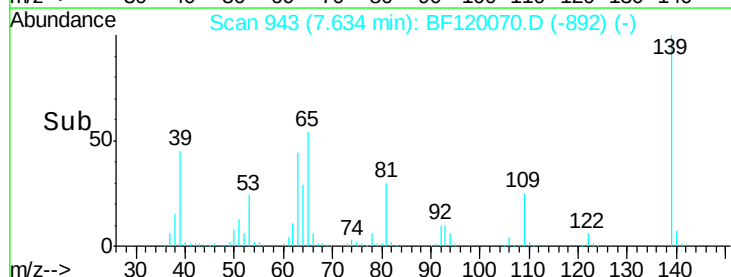
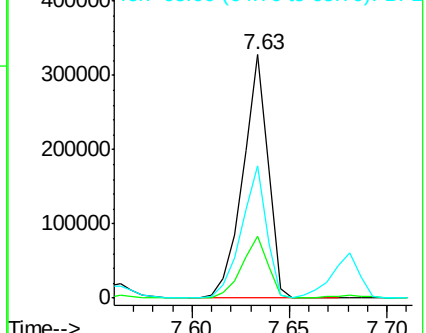
139 100

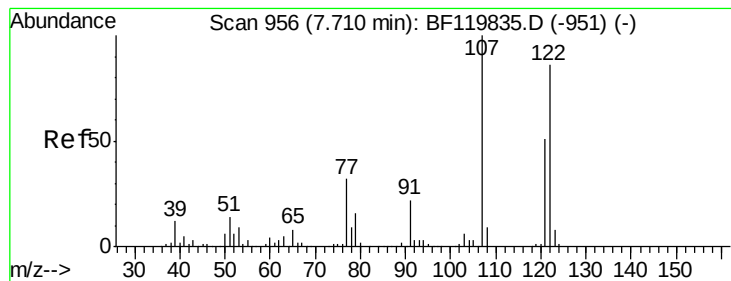
109 25.2 21.8 32.6

65 54.4 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: 62.298 ng

RT: 7.68 min Scan# 951

Delta R.T. 0.01 min

Lab File: BF120070.D

Acq: 17 Apr 2020 20:16

Instrument :

BNA_F

ClientSampleId :

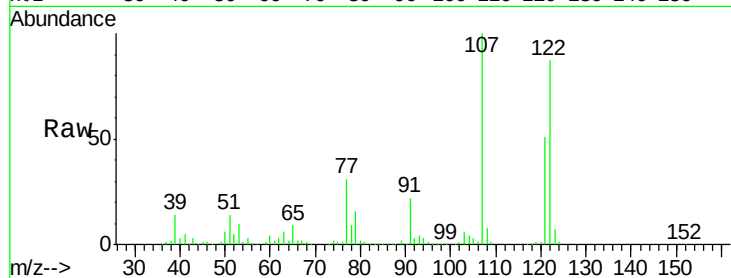
Tot Ion:122 Resp: 563375

Ion Ratio Lower Upper

122 100

107 115.1 92.3 138.5

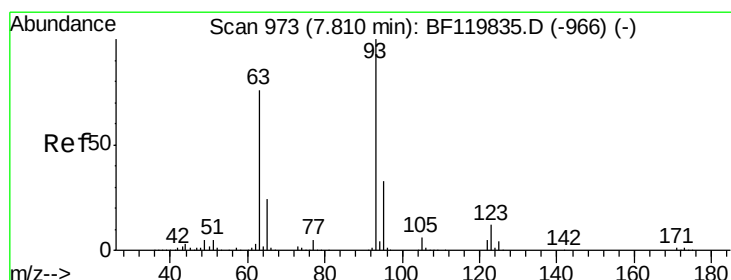
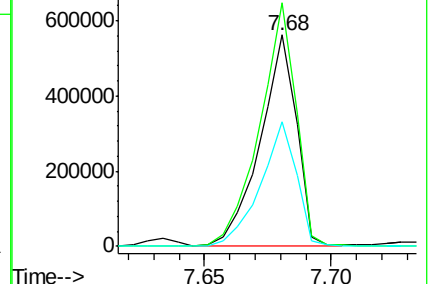
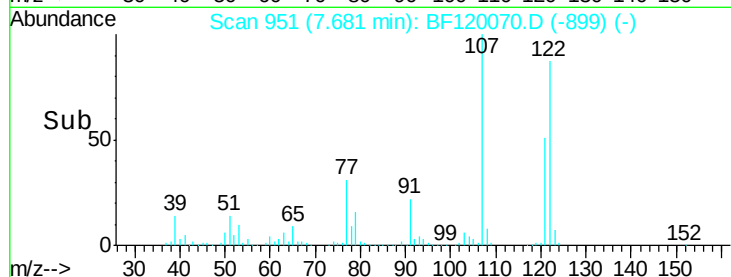
121 59.2 46.6 70.0



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: 63.169 ng

RT: 7.77 min Scan# 967

Delta R.T. 0.01 min

Lab File: BF120070.D

Acq: 17 Apr 2020 20:16

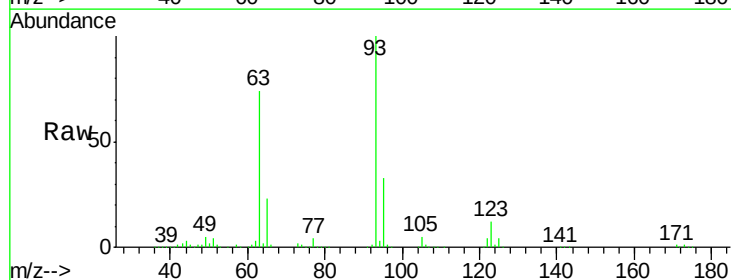
Tgt Ion: 93 Resp: 854893

Ion Ratio Lower Upper

93 100

95 32.6 26.4 39.6

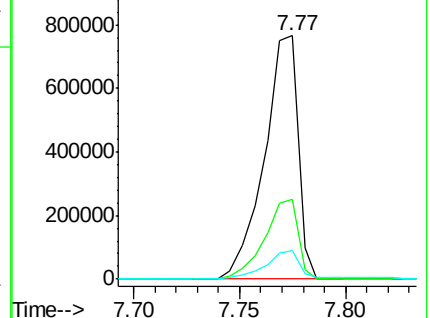
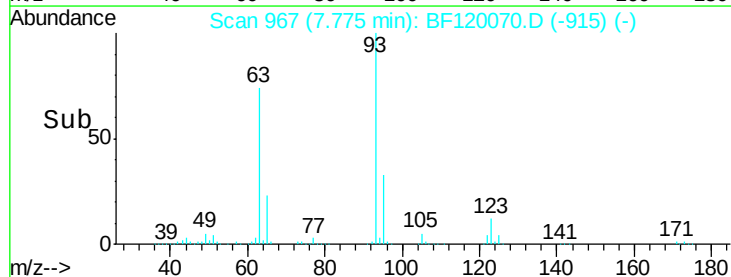
123 11.9 9.7 14.5

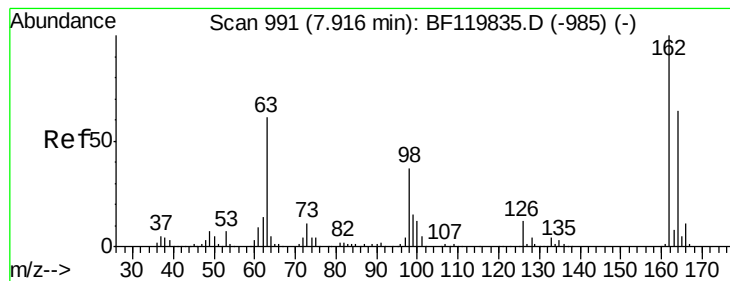


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 57.313 ng

RT: 7.88 min Scan# 985

Delta R.T. 0.01 min

Lab File: BF120070.D

Acq: 17 Apr 2020 20:16

Instrument :

BNA_F

ClientSampleId :

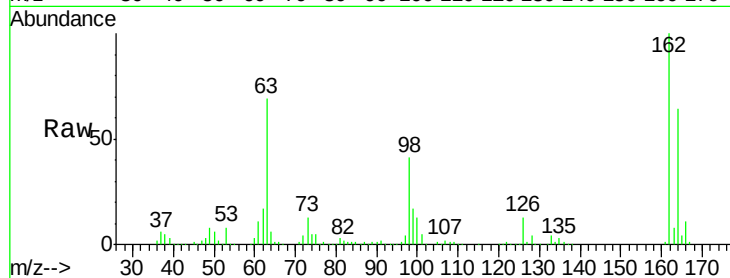
Tot Ion:162 Resp: 531270

Ion Ratio Lower Upper

162 100

164 63.8 44.4 84.4

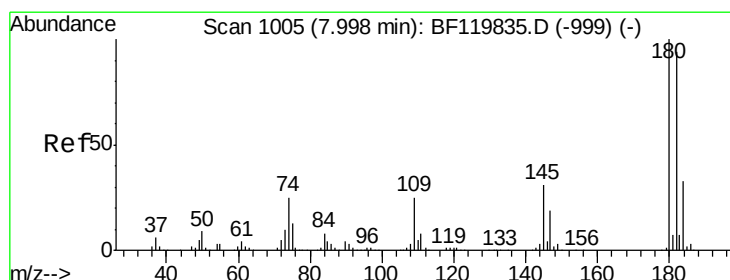
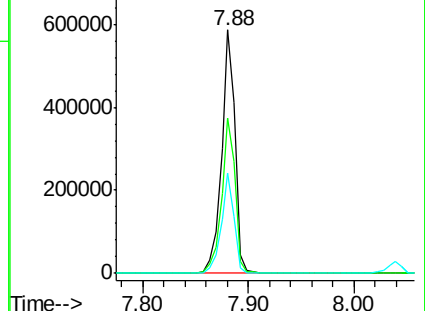
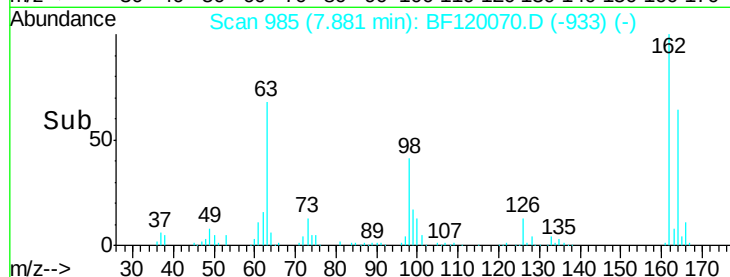
98 41.4 17.3 57.3



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 56.630 ng

RT: 7.96 min Scan# 998

Delta R.T. 0.00 min

Lab File: BF120070.D

Acq: 17 Apr 2020 20:16

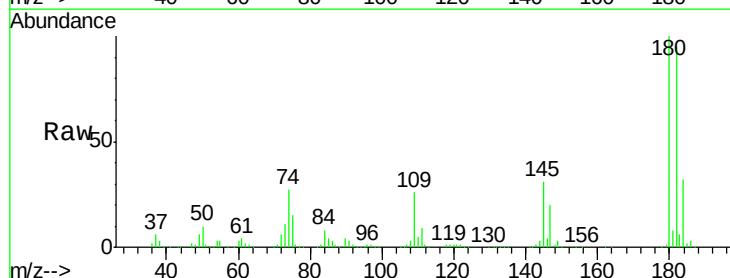
Tgt Ion:180 Resp: 594794

Ion Ratio Lower Upper

180 100

182 94.6 75.4 113.0

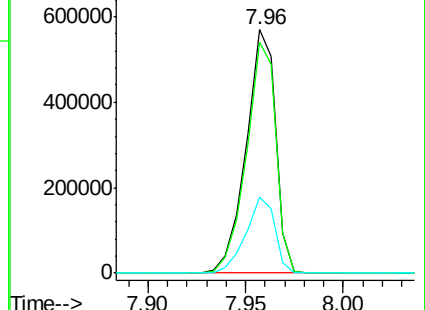
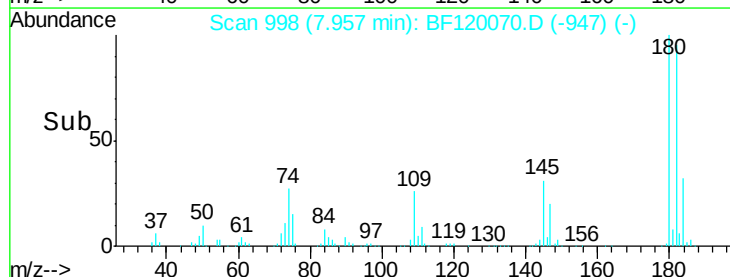
145 31.3 24.6 37.0

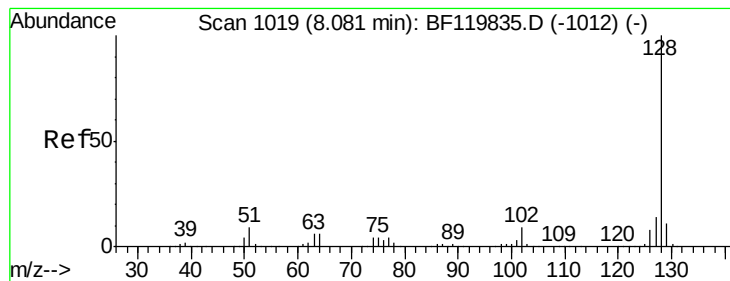


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 57.744 ng

RT: 8.04 min Scan# 1012

Delta R.T. 0.00 min

Lab File: BF120070.D

Acq: 17 Apr 2020 20:16

Instrument :

BNA_F

ClientSampleId :

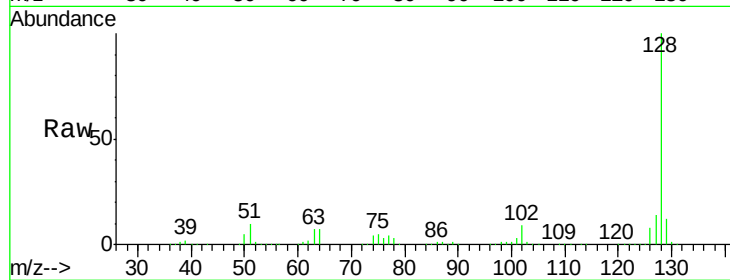
Tot Ion:128 Resp: 1875144

Ion Ratio Lower Upper

128 100

129 11.9 9.0 13.6

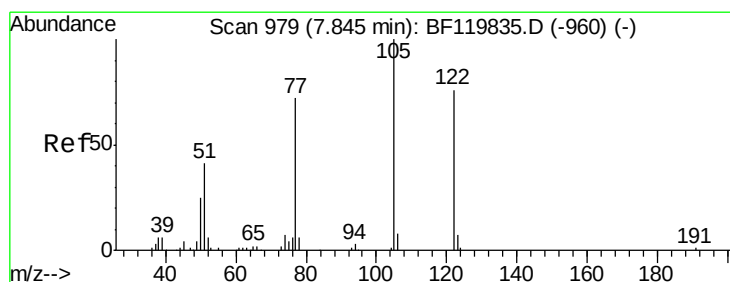
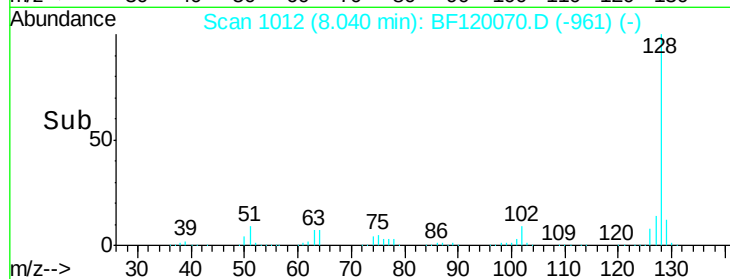
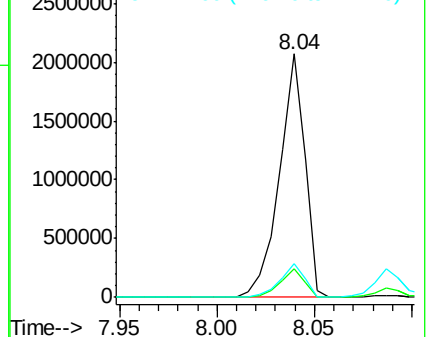
127 13.7 11.0 16.4



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: 30.216 ng

RT: 7.82 min Scan# 975

Delta R.T. 0.00 min

Lab File: BF120070.D

Acq: 17 Apr 2020 20:16

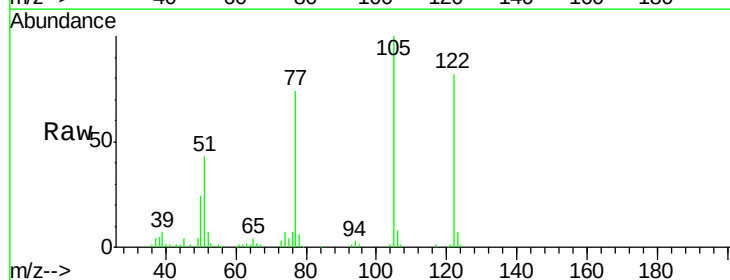
Tgt Ion:122 Resp: 239982

Ion Ratio Lower Upper

122 100

105 122.0 106.7 146.7

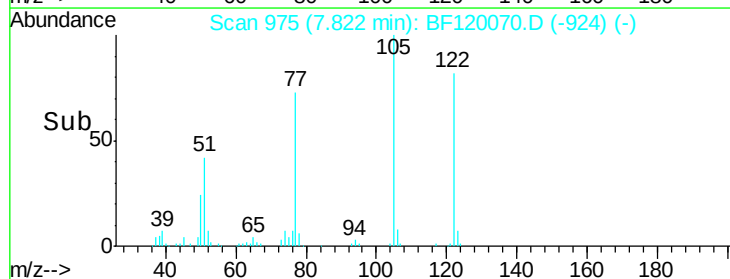
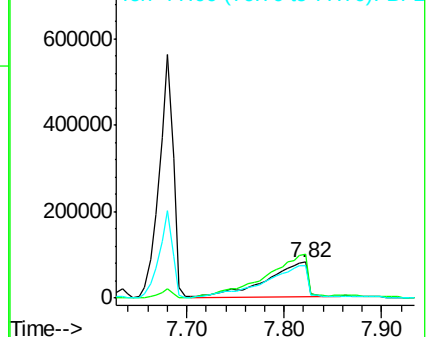
77 90.4 72.1 112.1

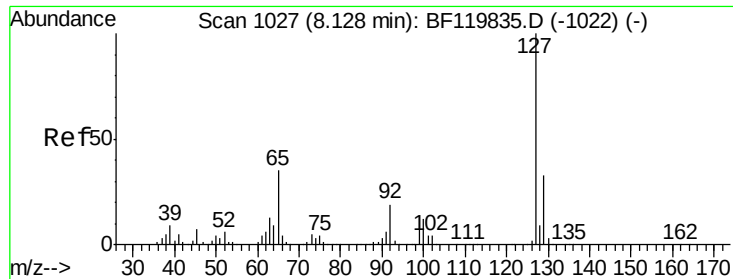


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

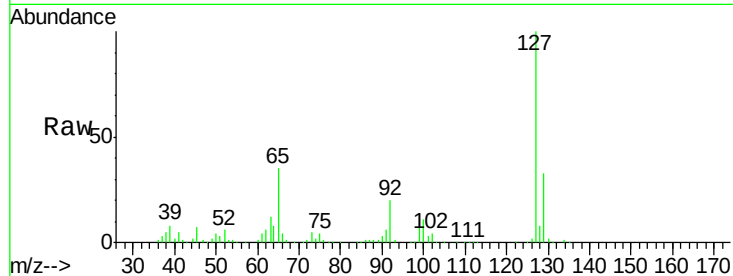




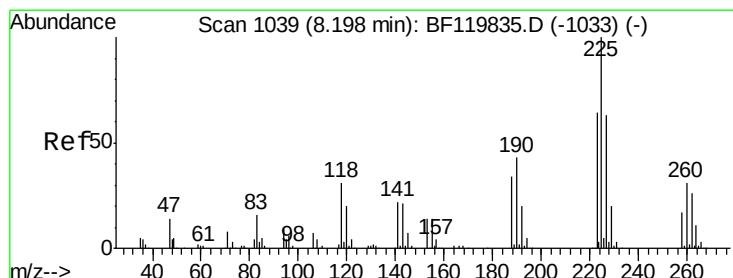
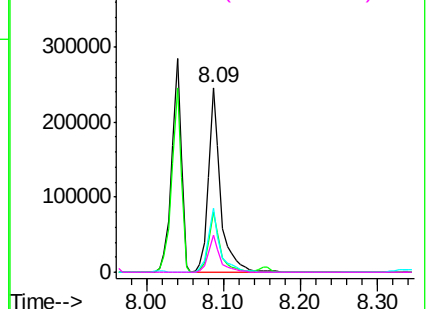
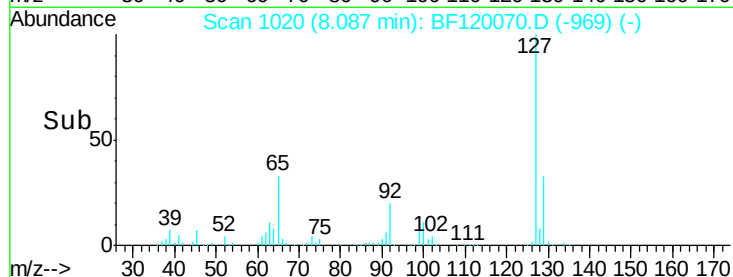
#33
4-Chloroaniline
Concen: 19.065 ng
RT: 8.09 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BF120070.D
Acq: 17 Apr 2020 20:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	269516
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.2	39.2
65	34.6	28.3	42.5
92	19.8	15.4	23.2

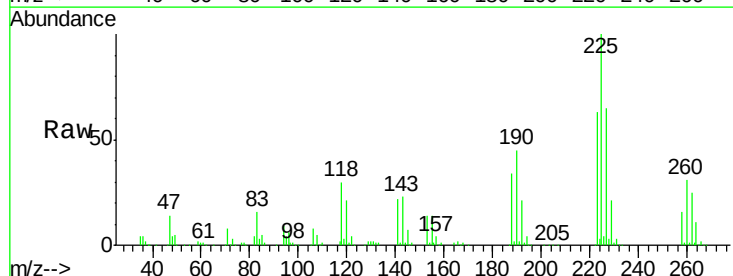


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

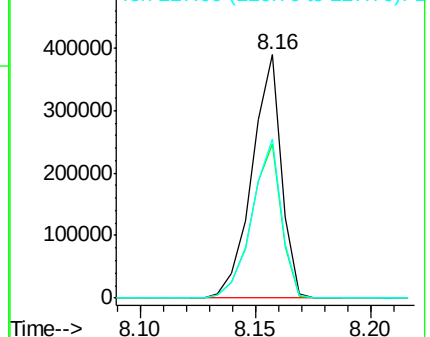
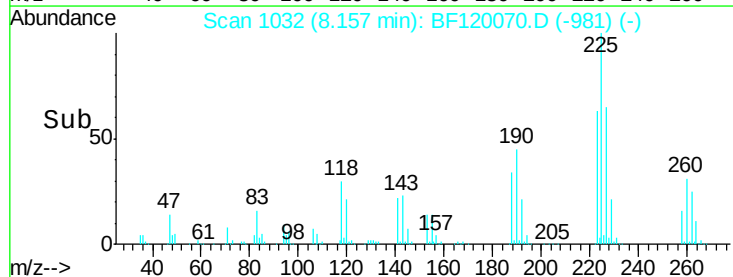


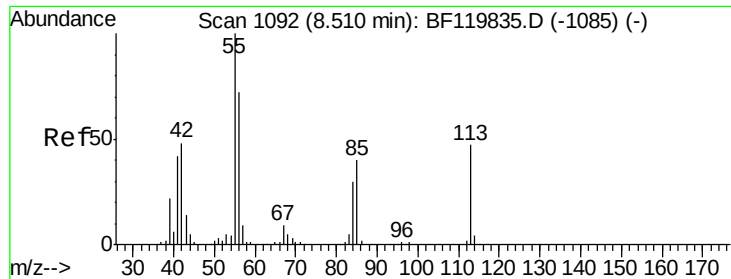
#34
Hexachlorobutadiene
Concen: 55.167 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF120070.D
Acq: 17 Apr 2020 20:16

Tgt Ion:	225	Resp:	346852
Ion	Ratio	Lower	Upper
225	100		
223	63.2	51.0	76.6
227	65.5	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

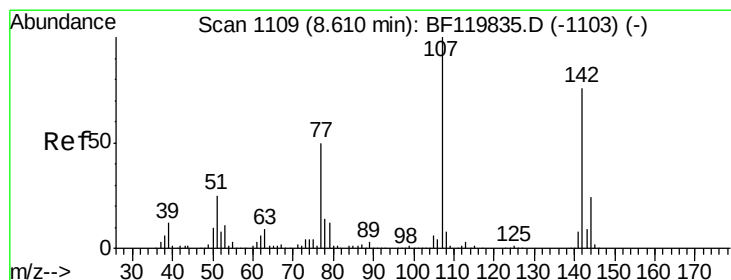
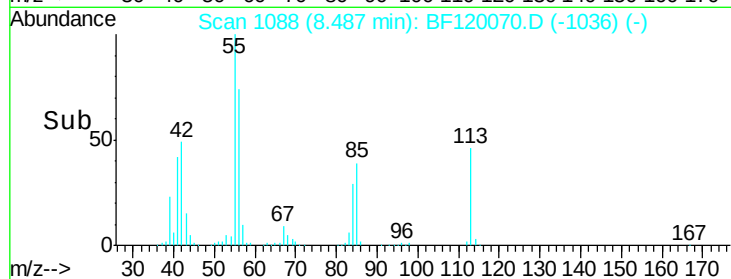
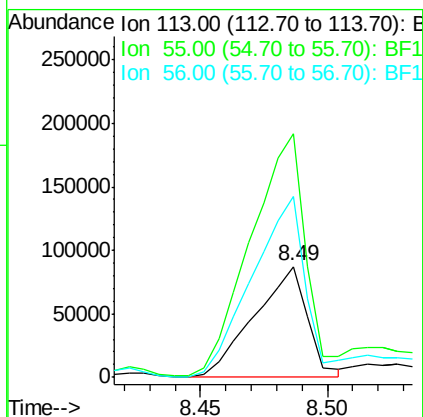
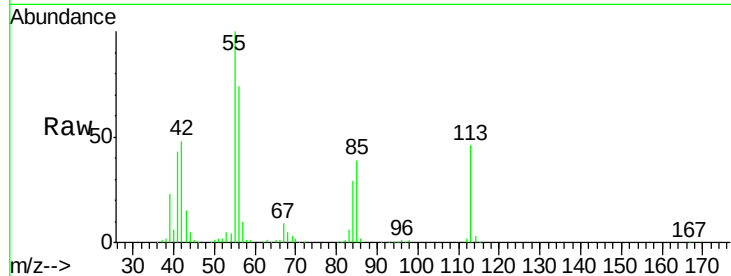




#35
Caprolactam
Concen: 45.445 ng
RT: 8.49 min Scan# 1088
Delta R.T. 0.01 min
Lab File: BF120070.D
Acq: 17 Apr 2020 20:16

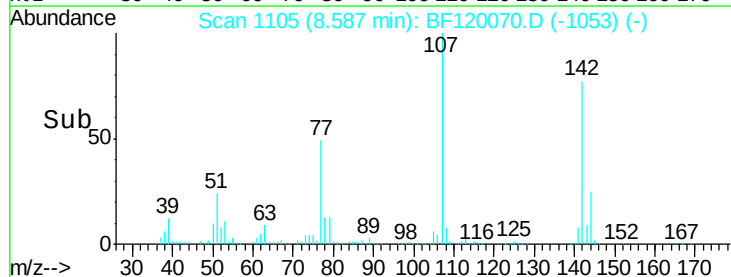
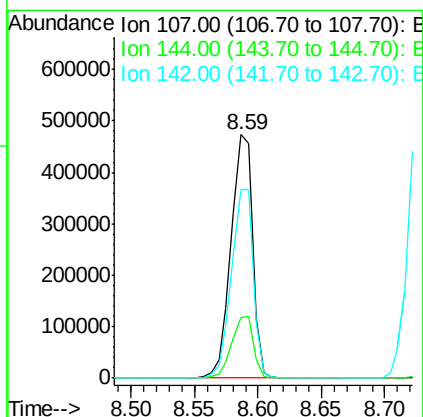
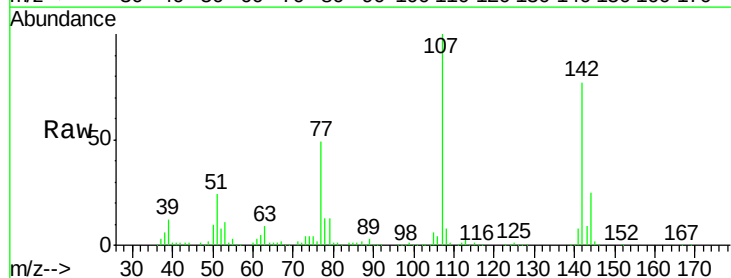
Instrument :
BNA_F
ClientSampleId :

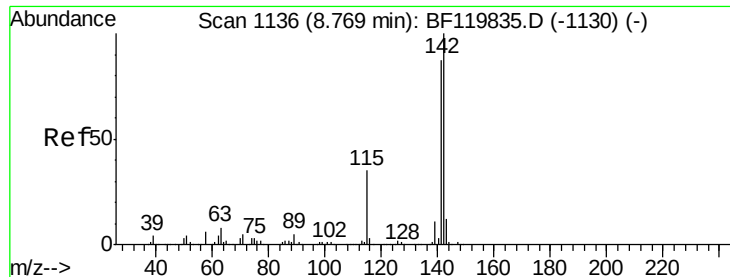
Tot Ion:113 Resp: 128859
Ion Ratio Lower Upper
113 100
55 219.4 192.7 232.7
56 162.7 133.3 173.3



#36
4-Chloro-3-methylphenol
Concen: 55.478 ng
RT: 8.59 min Scan# 1105
Delta R.T. 0.01 min
Lab File: BF120070.D
Acq: 17 Apr 2020 20:16

Tgt Ion:107 Resp: 556769
Ion Ratio Lower Upper
107 100
144 24.7 19.5 29.3
142 77.3 60.5 90.7

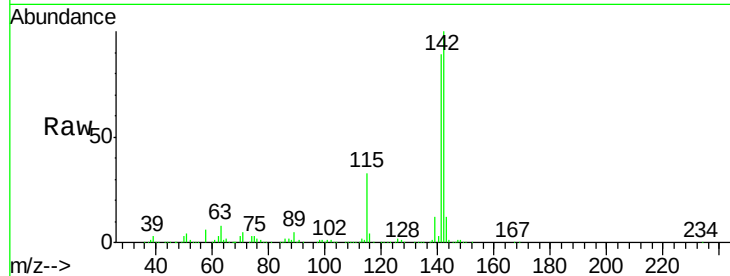




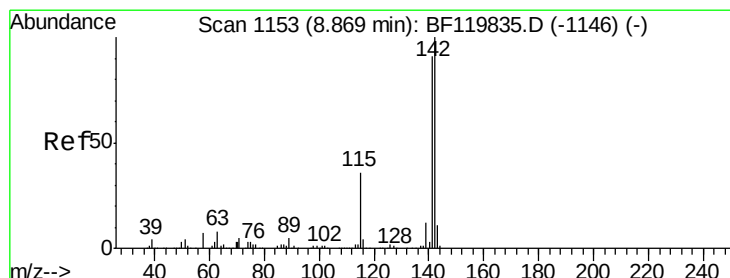
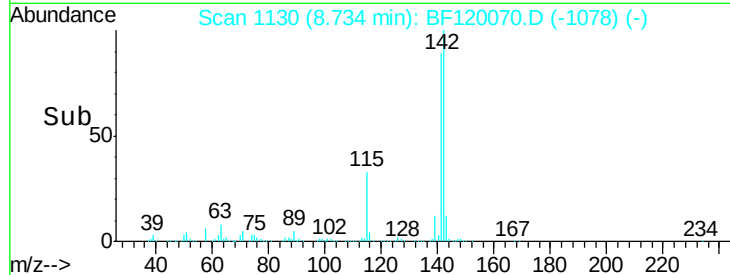
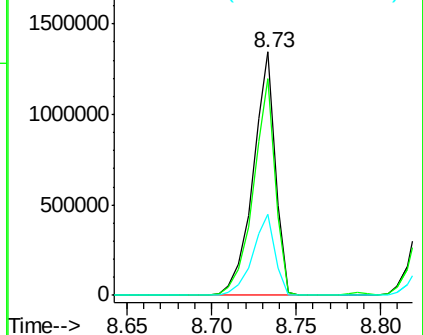
#37
2-Methylnaphthalene
Concen: 56.378 ng
RT: 8.73 min Scan# 1130
Delta R.T. 0.01 min
Lab File: BF120070.D
Acq: 17 Apr 2020 20:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 1241212
Ion Ratio Lower Upper
142 100
141 88.8 69.9 104.9
115 33.5 28.0 42.0

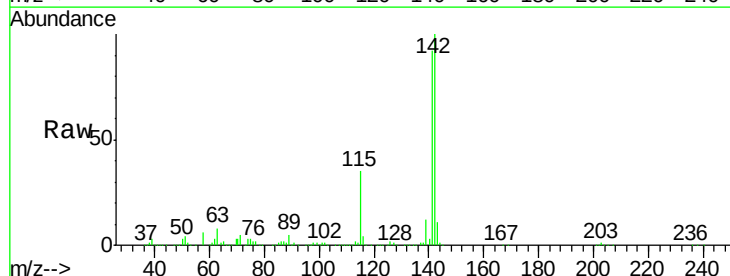


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

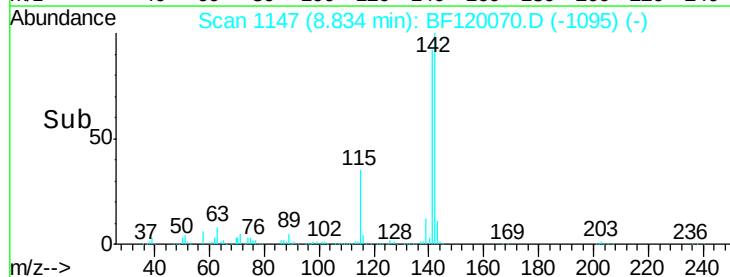
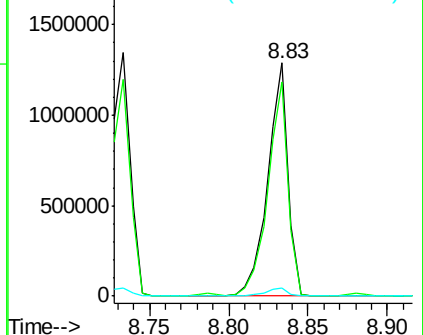


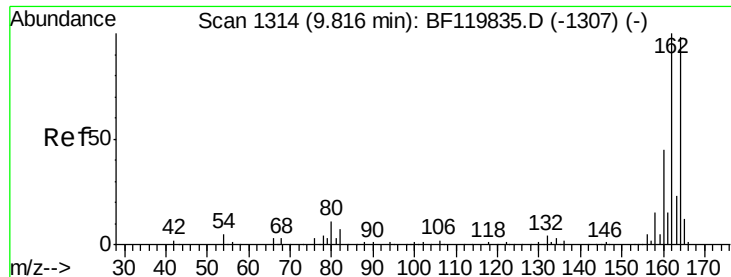
#38
1-Methylnaphthalene
Concen: 55.712 ng
RT: 8.83 min Scan# 1147
Delta R.T. 0.01 min
Lab File: BF120070.D
Acq: 17 Apr 2020 20:16

Tgt Ion:142 Resp: 1156087
Ion Ratio Lower Upper
142 100
141 91.9 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: BF120070.D

Acq: 17 Apr 2020 20:16

Instrument :

BNA_F

ClientSampleId :

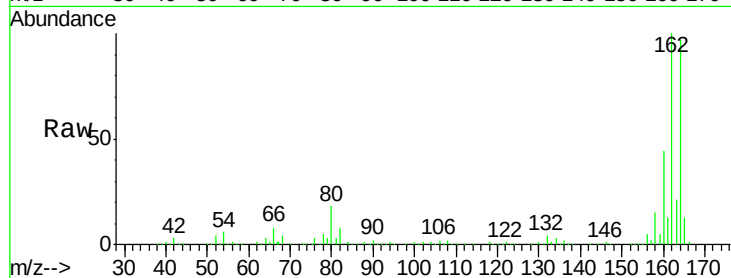
Tot Ion:164 Resp: 282434

Ion Ratio Lower Upper

164 100

162 102.9 81.9 122.9

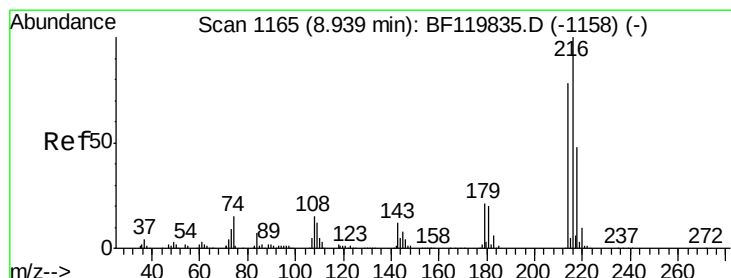
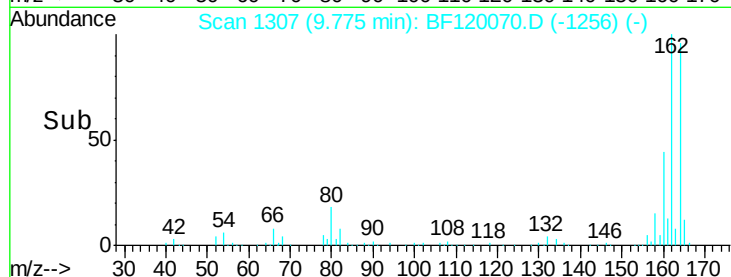
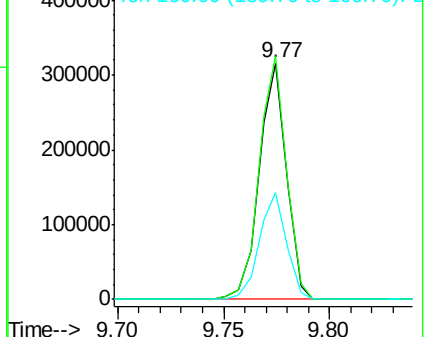
160 45.2 36.6 54.8



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 62.312 ng

RT: 8.90 min Scan# 1158

Delta R.T. 0.00 min

Lab File: BF120070.D

Acq: 17 Apr 2020 20:16

Tgt Ion:216 Resp: 555853

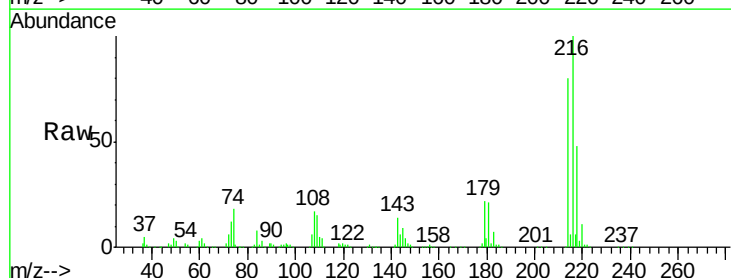
Ion Ratio Lower Upper

216 100

214 79.5 63.1 94.7

179 21.1 17.0 25.4

108 17.0 14.8 22.2

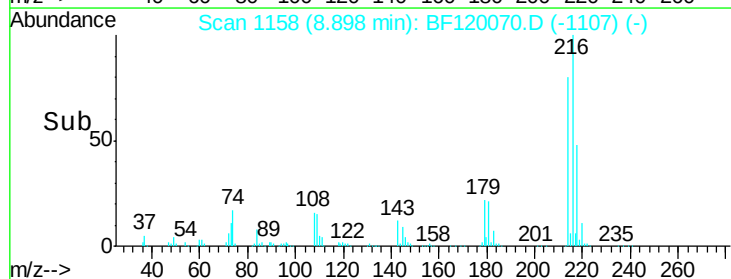
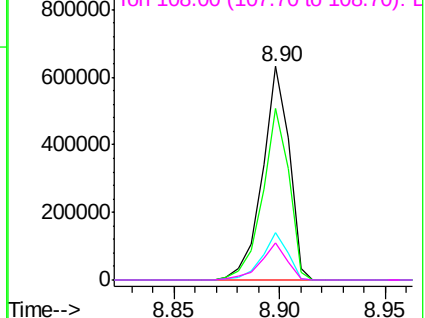


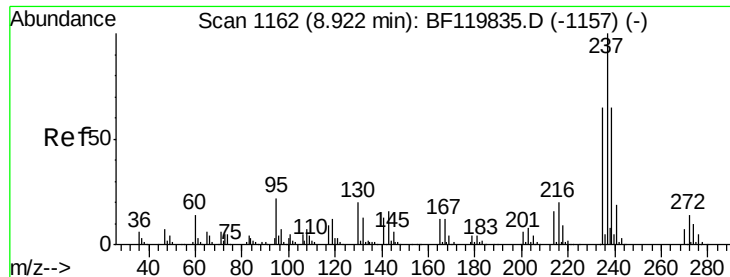
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 25.384 ng

RT: 8.88 min Scan# 1155

Delta R.T. -0.01 min

Lab File: BF120070.D

Acq: 17 Apr 2020 20:16

Instrument :

BNA_F

ClientSampleId :

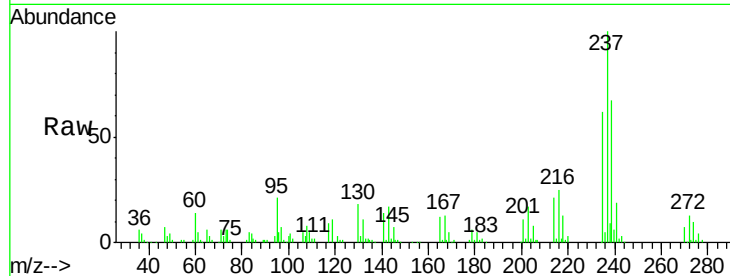
Tot Ion:237 Resp: 128762

Ion Ratio Lower Upper

237 100

235 61.6 44.9 84.9

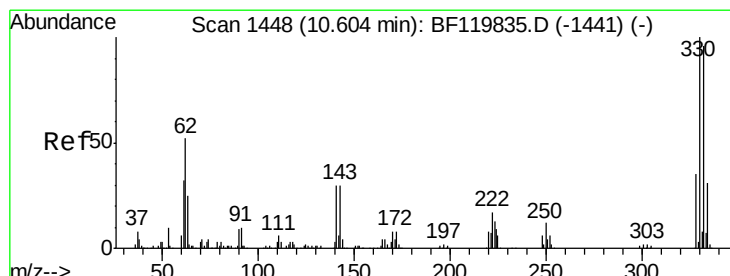
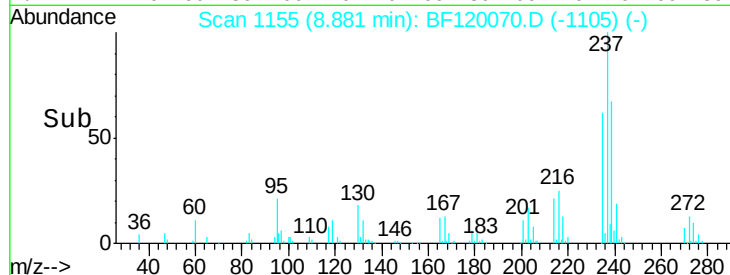
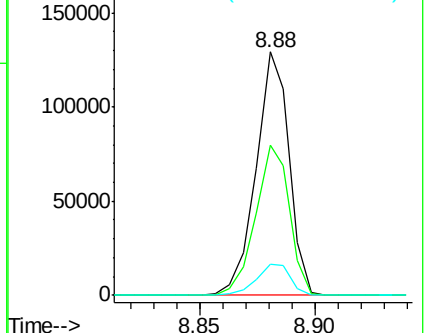
272 12.7 0.0 33.6



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: 64.787 ng

RT: 10.57 min Scan# 1442

Delta R.T. 0.00 min

Lab File: BF120070.D

Acq: 17 Apr 2020 20:16

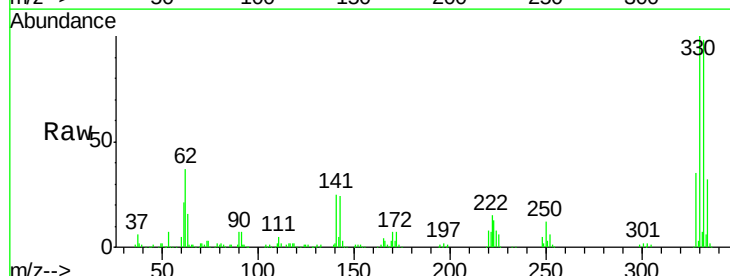
Tgt Ion:330 Resp: 224030

Ion Ratio Lower Upper

330 100

332 96.1 76.8 115.2

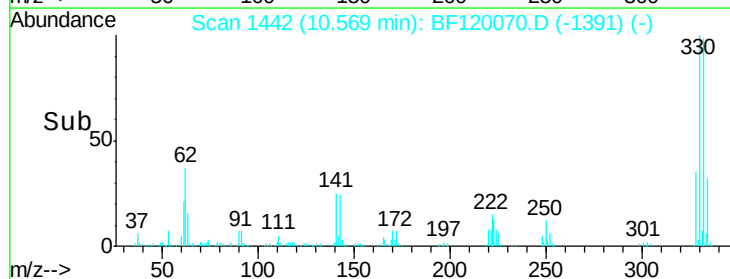
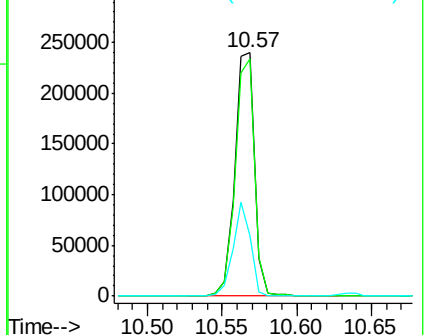
141 34.8 25.1 37.7

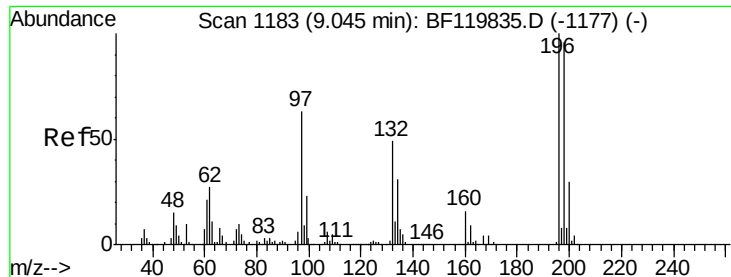


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

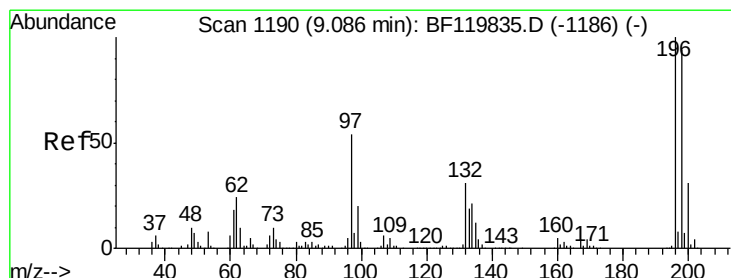
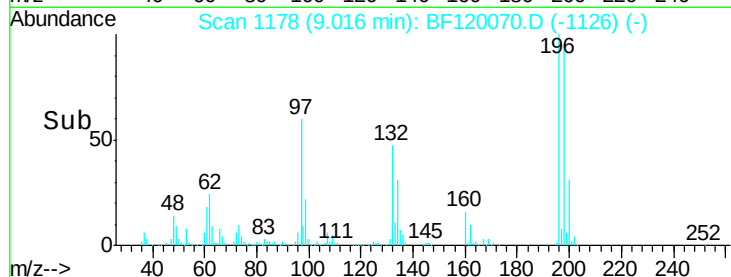
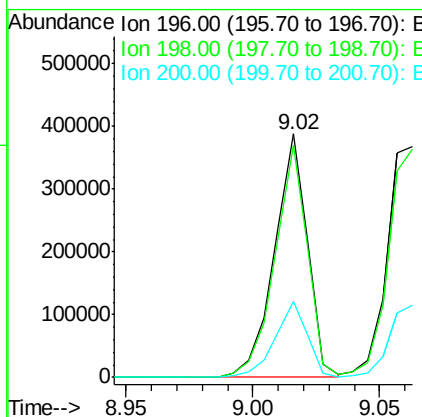
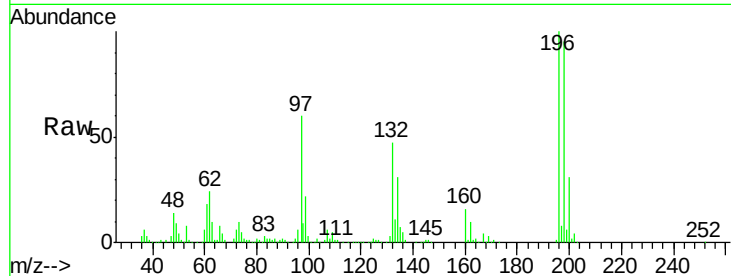




#43
 2,4,6-Trichlorophenol
 Concen: 57.564 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. 0.01 min
 Lab File: BF120070.D
 Acq: 17 Apr 2020 20:16

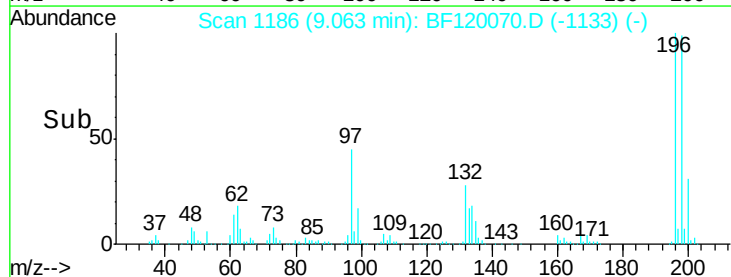
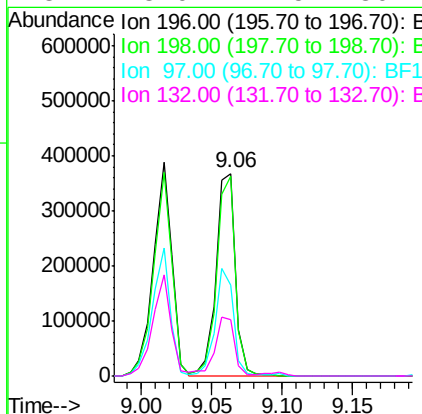
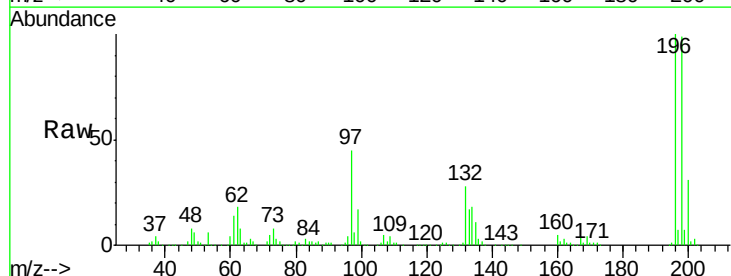
Instrument :
 BNA_F
 ClientSampled :

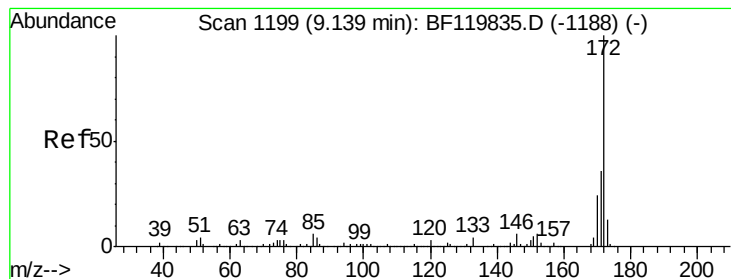
Tot Ion:196 Resp: 354591
 Ion Ratio Lower Upper
 196 100
 198 95.3 76.6 115.0
 200 31.2 24.2 36.2



#44
 2,4,5-Trichlorophenol
 Concen: 50.564 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. 0.01 min
 Lab File: BF120070.D
 Acq: 17 Apr 2020 20:16

Tgt Ion:196 Resp: 350812
 Ion Ratio Lower Upper
 196 100
 198 98.6 75.1 112.7
 97 44.8 43.4 65.2
 132 28.0 24.5 36.7





#45

2-Fluorobiphenyl

Concen: 72.073 ng

RT: 9.10 min Scan# 1192

Delta R.T. 0.00 min

Lab File: BF120070.D

Acq: 17 Apr 2020 20:16

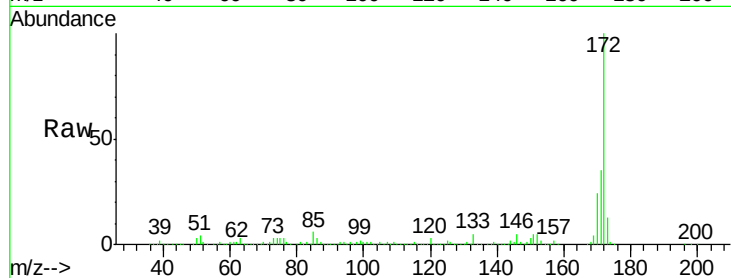
Instrument :

BNA_F

ClientSampleId :

Tot Ion:172 Resp: 1433737

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.9	43.3
170	23.5	19.4	29.2

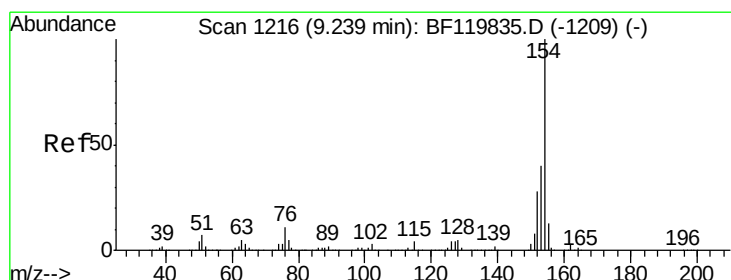
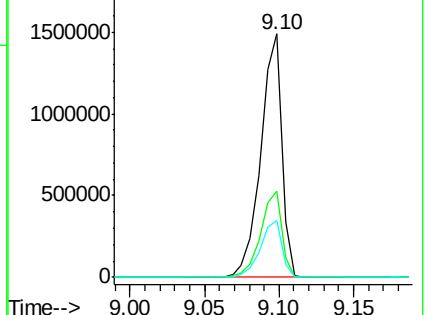
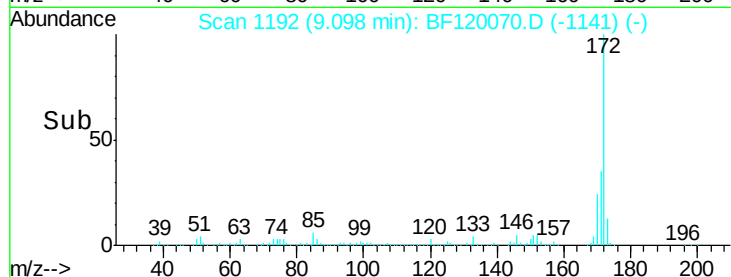


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 60.757 ng

RT: 9.20 min Scan# 1209

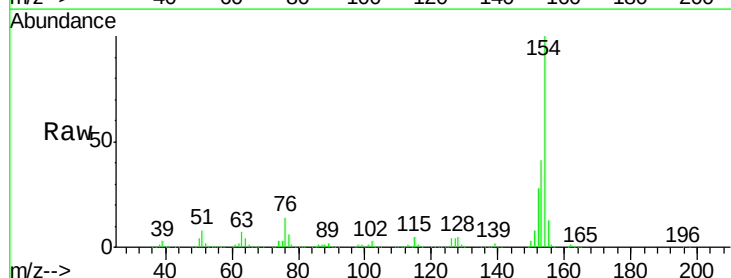
Delta R.T. 0.00 min

Lab File: BF120070.D

Acq: 17 Apr 2020 20:16

Tgt Ion:154 Resp: 1448391

Ion	Ratio	Lower	Upper
154	100		
153	40.5	20.5	60.5
76	13.5	0.0	30.6

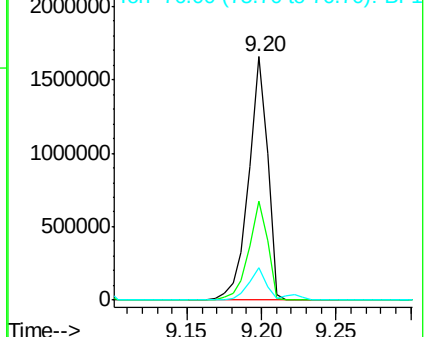
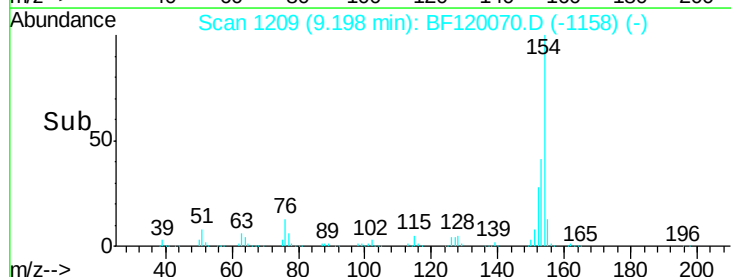


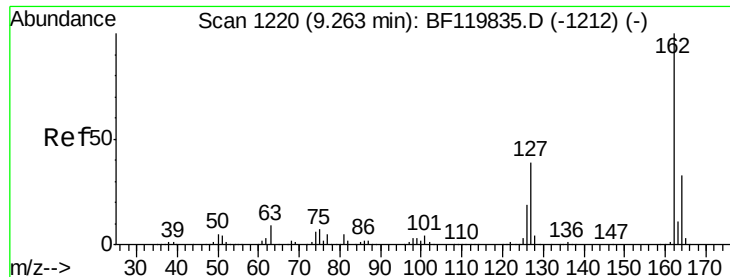
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

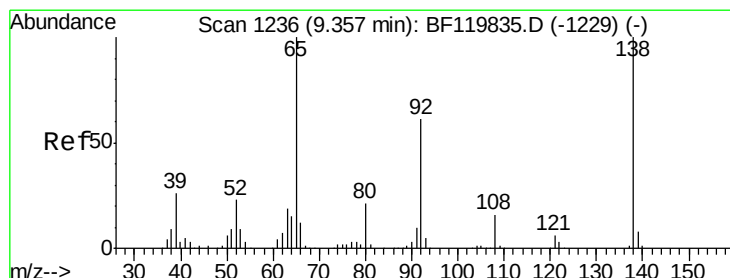
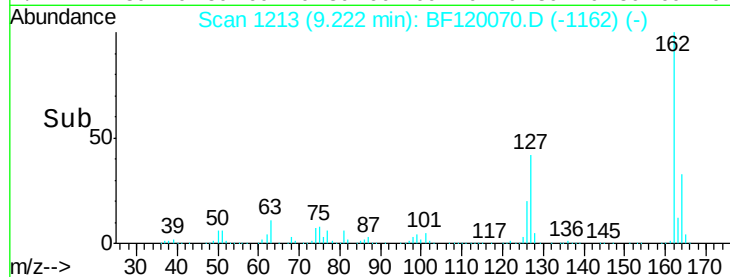
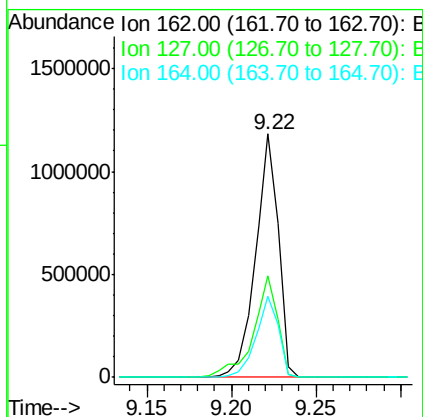
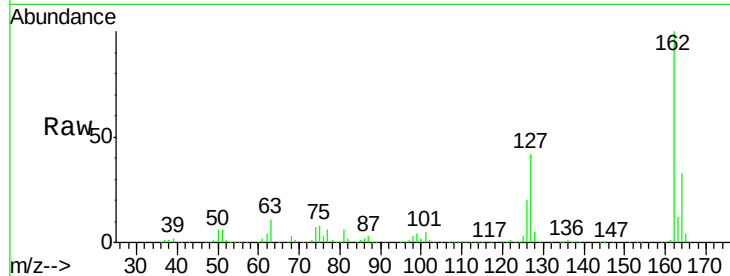




#47
 2-Chloronaphthalene
 Concen: 60.250 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. 0.00 min
 Lab File: BF120070.D
 Acq: 17 Apr 2020 20:16

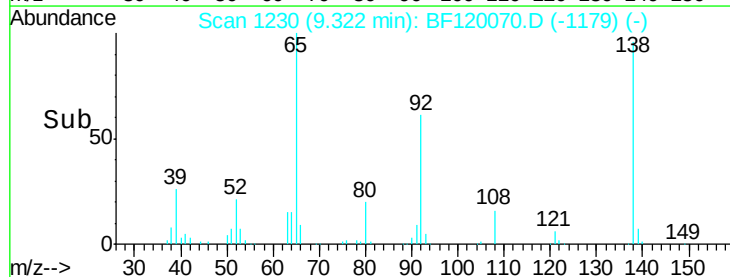
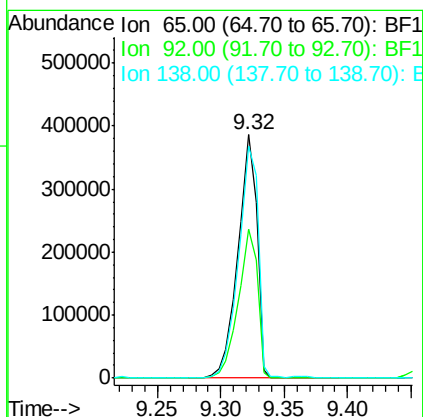
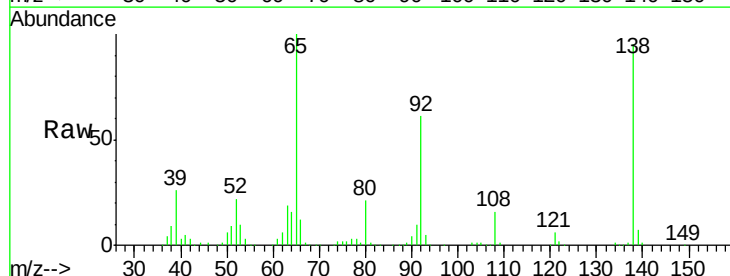
Instrument :
 BNA_F
 ClientSampleId :

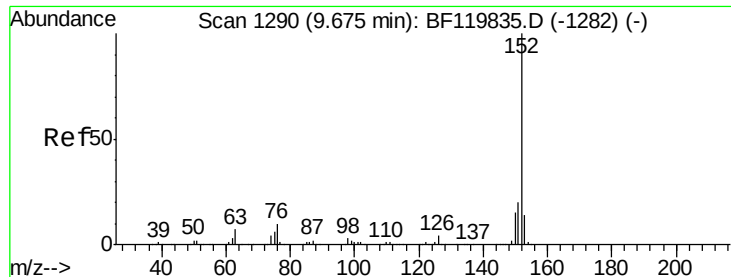
Tot Ion:162 Resp: 1106446
 Ion Ratio Lower Upper
 162 100
 127 41.9 31.2 46.8
 164 33.1 26.3 39.5



#48
 2-Nitroaniline
 Concen: 59.438 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. 0.00 min
 Lab File: BF120070.D
 Acq: 17 Apr 2020 20:16

Tgt Ion: 65 Resp: 395558
 Ion Ratio Lower Upper
 65 100
 92 61.2 49.0 73.6
 138 95.5 79.7 119.5





#49

Acenaphthylene

Concen: 58.112 ng

RT: 9.64 min Scan# 1284

Delta R.T. 0.01 min

Lab File: BF120070.D

Acq: 17 Apr 2020 20:16

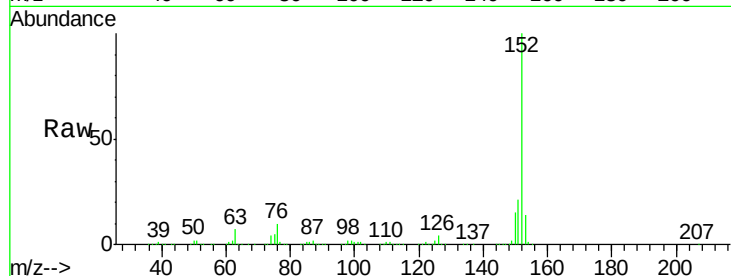
Instrument :

BNA_F

ClientSampleId :

Tot Ion:152 Resp: 1622999

Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.2	24.4
153	13.7	10.9	16.3

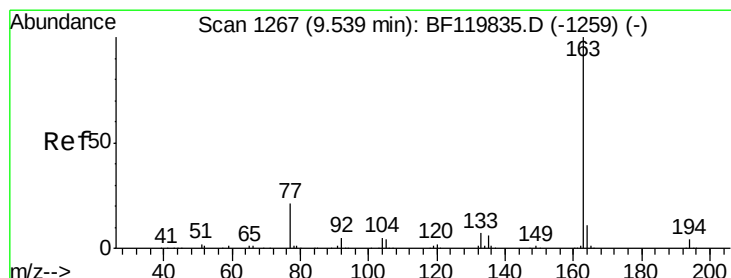
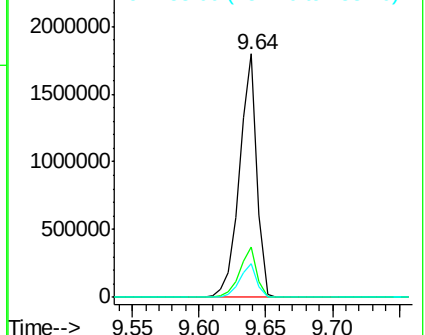
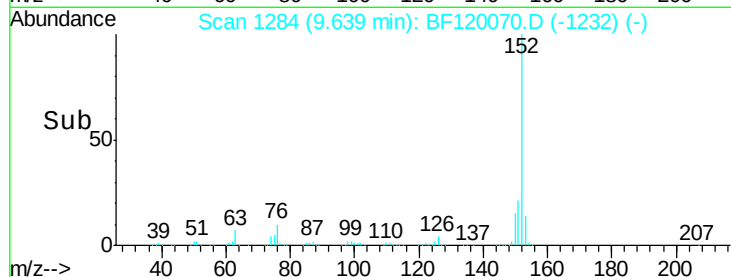


Abundance

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: 71.551 ng

RT: 9.51 min Scan# 1262

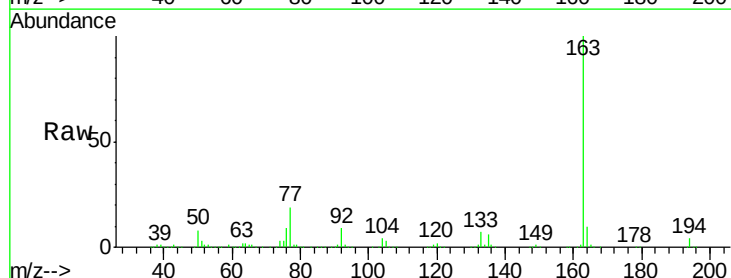
Delta R.T. 0.01 min

Lab File: BF120070.D

Acq: 17 Apr 2020 20:16

Tgt Ion:163 Resp: 1563091

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.0	4.4
164	10.1	8.4	12.6

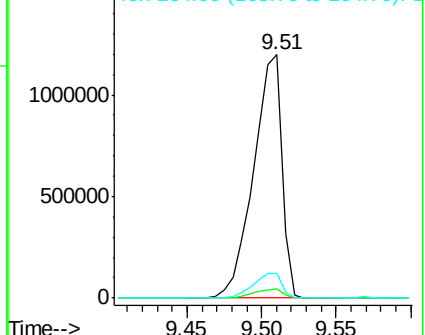
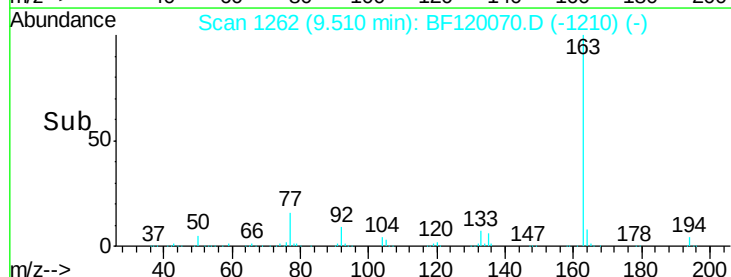


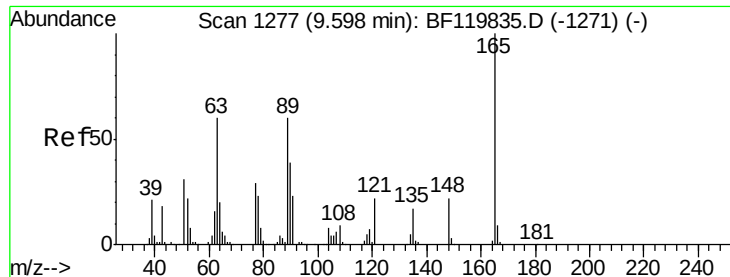
Abundance

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

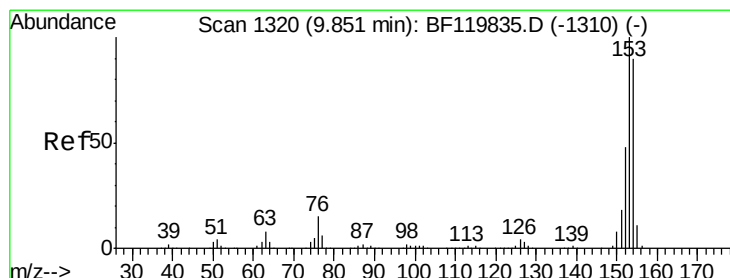
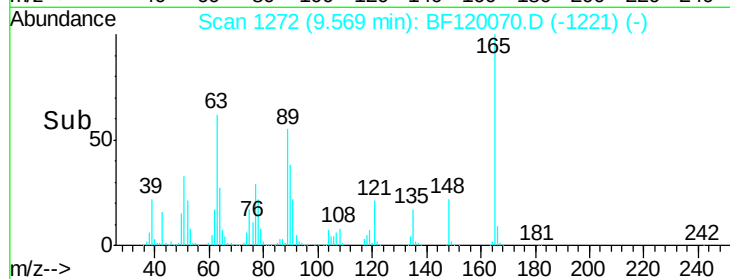
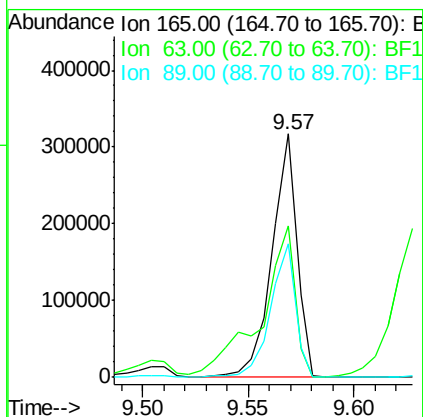
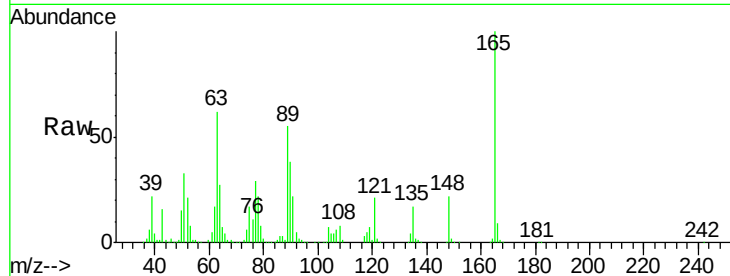




#51
 2,6-Dinitrotoluene
 Concen: 54.647 ng
 RT: 9.57 min Scan# 1272
 Delta R.T. 0.00 min
 Lab File: BF120070.D
 Acq: 17 Apr 2020 20:16

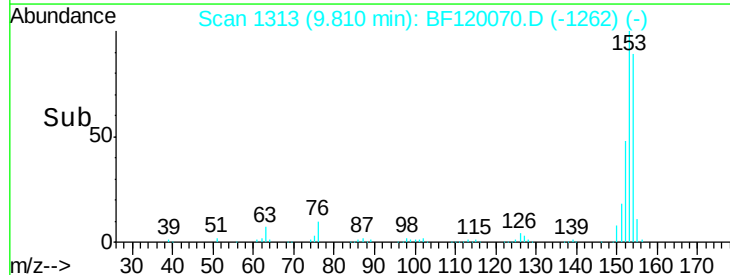
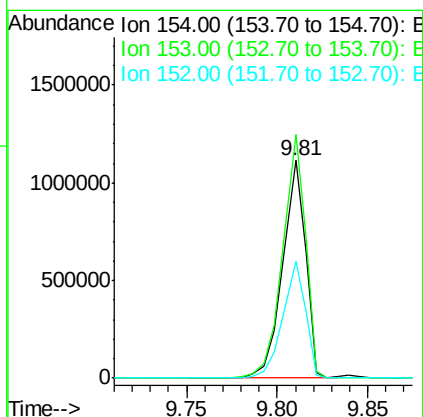
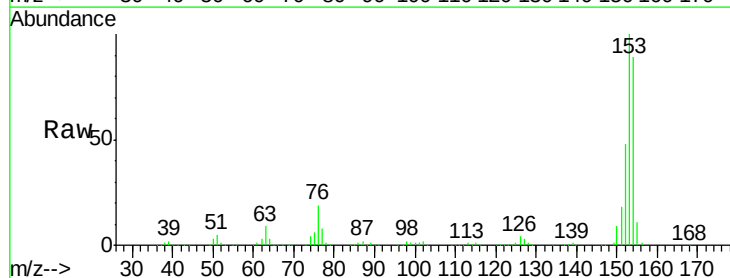
Instrument :
 BNA_F
 ClientSampleId :

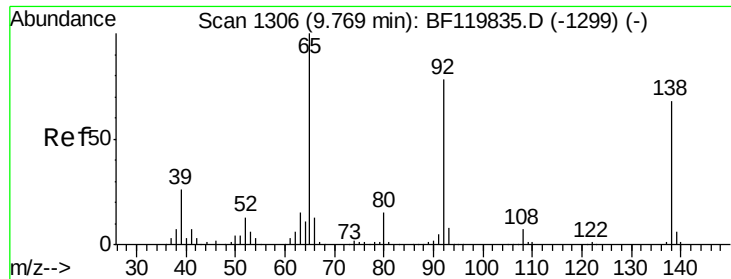
Tot Ion	Ratio	Lower	Upper
165	100		
63	62.2	55.6	83.4
89	54.7	47.9	71.9



#52
 Acenaphthene
 Concen: 52.853 ng
 RT: 9.81 min Scan# 1313
 Delta R.T. 0.00 min
 Lab File: BF120070.D
 Acq: 17 Apr 2020 20:16

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.7	88.8	133.2
152	53.5	42.4	63.6

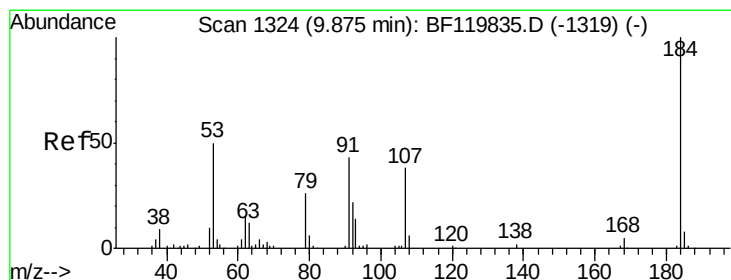
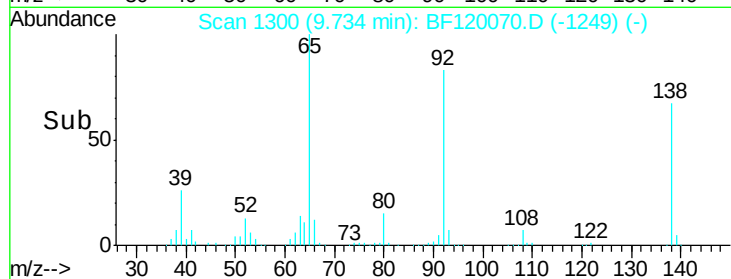
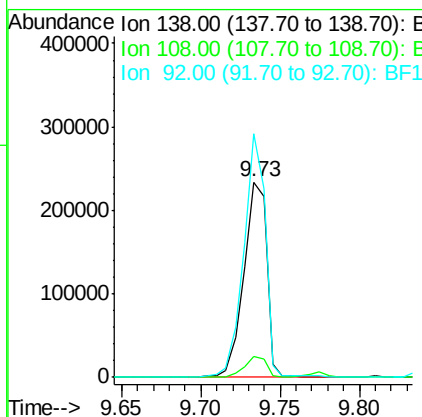
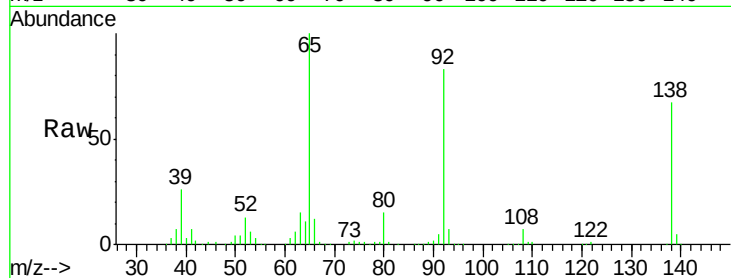




#53
 3-Nitroaniline
 Concen: 42.956 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. 0.00 min
 Lab File: BF120070.D
 Acq: 17 Apr 2020 20:16

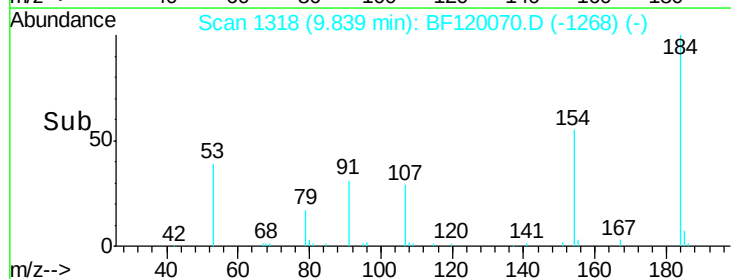
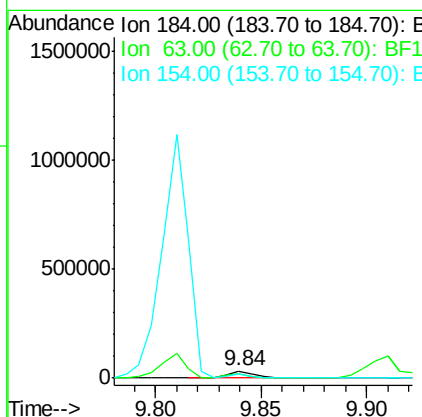
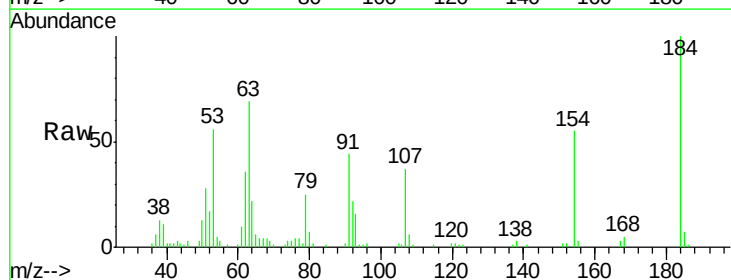
Instrument :
 BNA_F
 ClientSampleId :

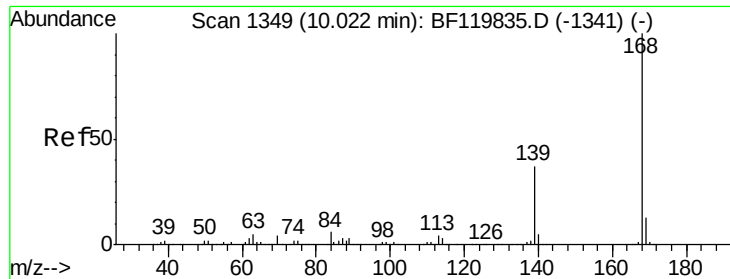
Tot Ion:138 Resp: 234696
 Ion Ratio Lower Upper
 138 100
 108 10.5 8.0 12.0
 92 124.8 92.1 138.1



#54
 2,4-Dinitrophenol
 Concen: 9.883 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.01 min
 Lab File: BF120070.D
 Acq: 17 Apr 2020 20:16

Tgt Ion:184 Resp: 28306
 Ion Ratio Lower Upper
 184 100
 63 69.4 49.8 74.6
 154 55.1 46.5 69.7

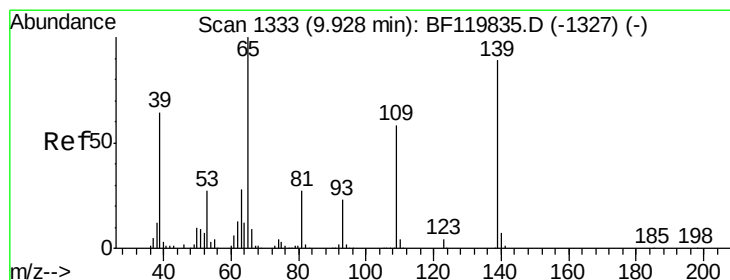
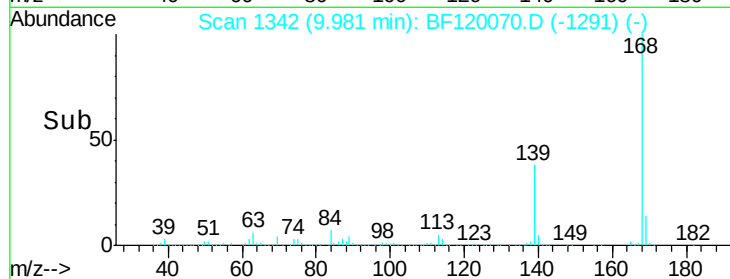
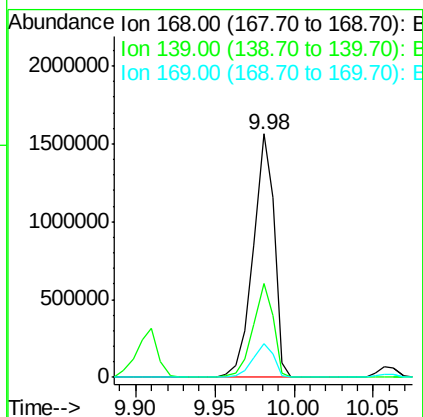
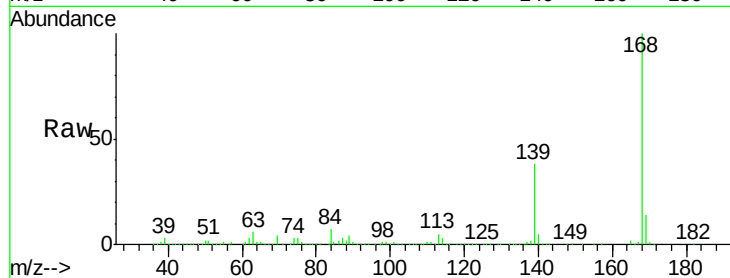




#55
Dibenzofuran
Concen: 56.101 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.00 min
Lab File: BF120070.D
Acq: 17 Apr 2020 20:16

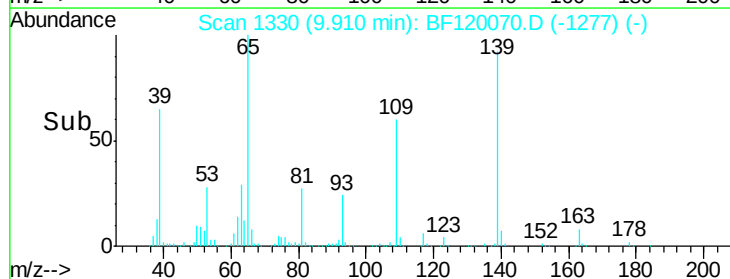
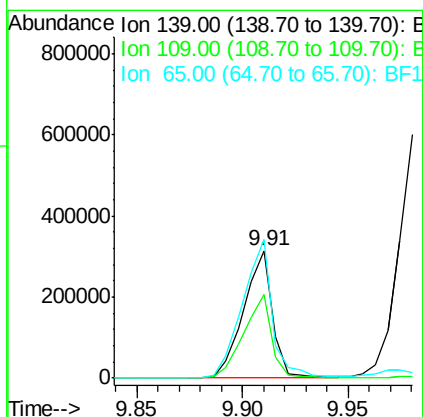
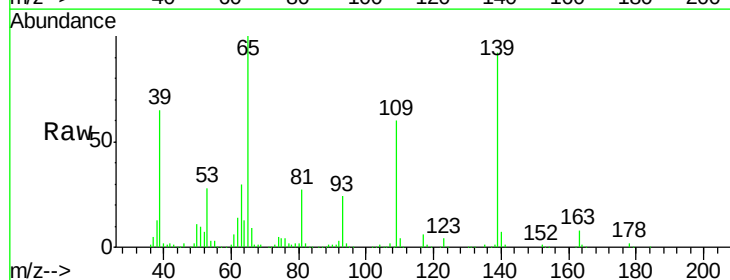
Instrument :
BNA_F
ClientSampleId :

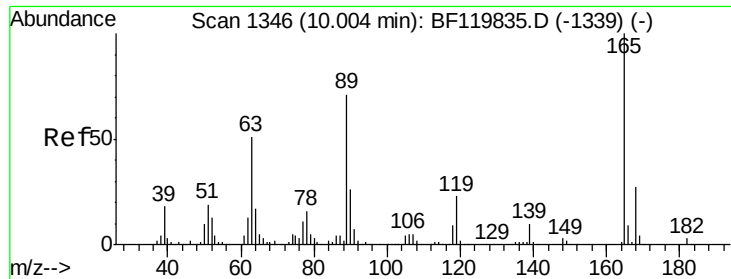
Tot Ion:168 Resp: 1434237
Ion Ratio Lower Upper
168 100
139 38.4 29.8 44.6
169 13.7 10.6 15.8



#56
4-Nitrophenol
Concen: 73.666 ng
RT: 9.91 min Scan# 1330
Delta R.T. 0.01 min
Lab File: BF120070.D
Acq: 17 Apr 2020 20:16

Tgt Ion:139 Resp: 299470
Ion Ratio Lower Upper
139 100
109 65.6 45.5 85.5
65 108.6 92.3 132.3

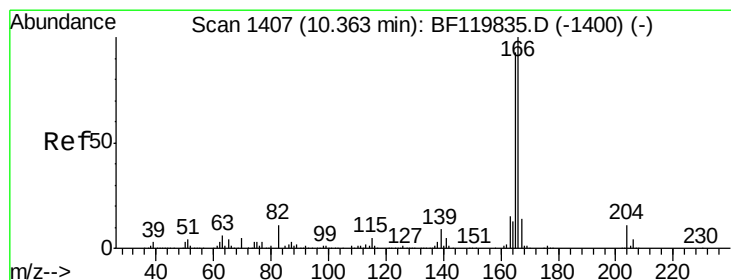
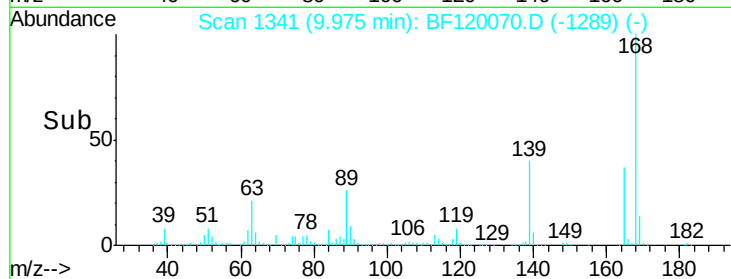
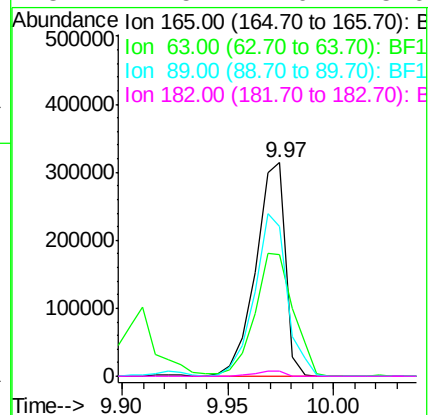
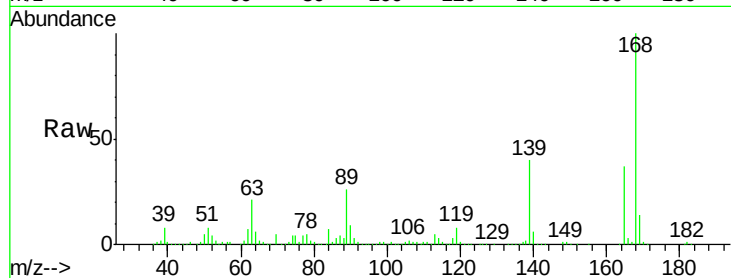




#57
2,4-Dinitrotoluene
Concen: 48.736 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.01 min
Lab File: BF120070.D
Acq: 17 Apr 2020 20:16

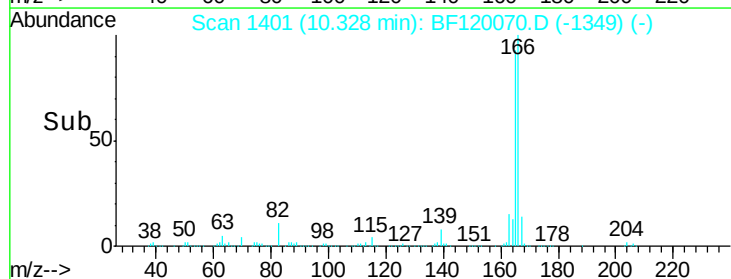
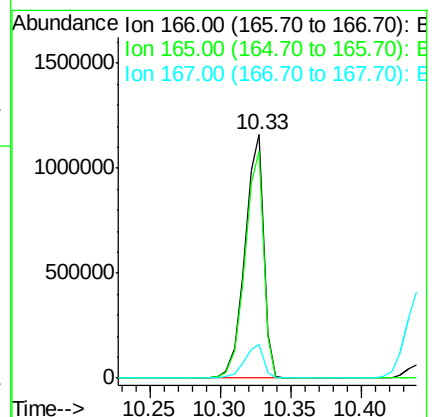
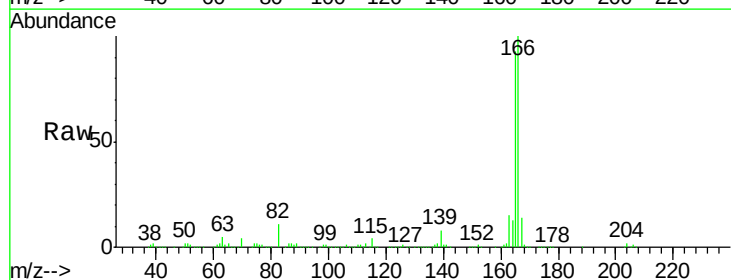
Instrument :
BNA_F
ClientSampled :

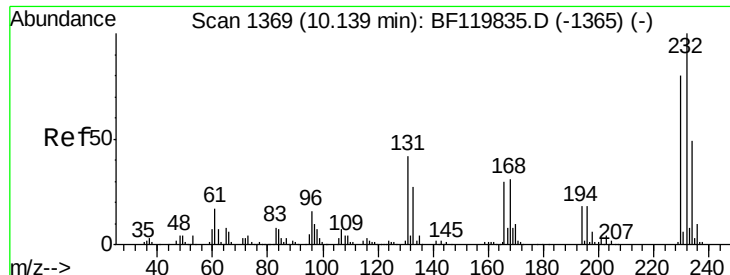
Tot Ion	Ratio	Lower	Upper
165	100		
63	57.0	40.8	61.2
89	70.1	56.9	85.3
182	2.5	2.0	3.0



#58
Fluorene
Concen: 52.139 ng
RT: 10.33 min Scan# 1401
Delta R.T. 0.01 min
Lab File: BF120070.D
Acq: 17 Apr 2020 20:16

Tgt Ion	Ratio	Lower	Upper
166	100		
165	93.5	74.2	111.2
167	13.7	10.8	16.2

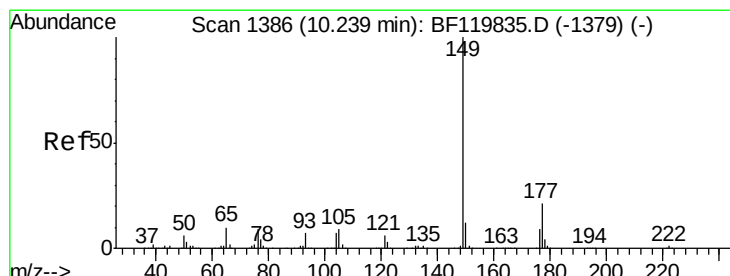
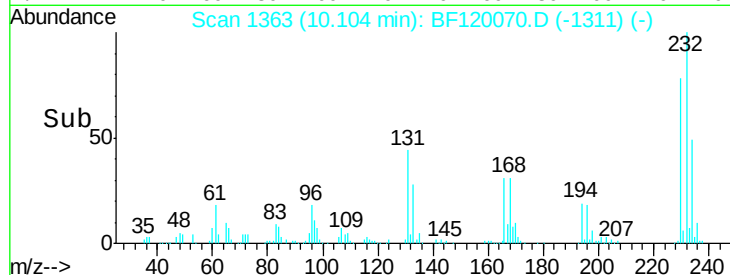
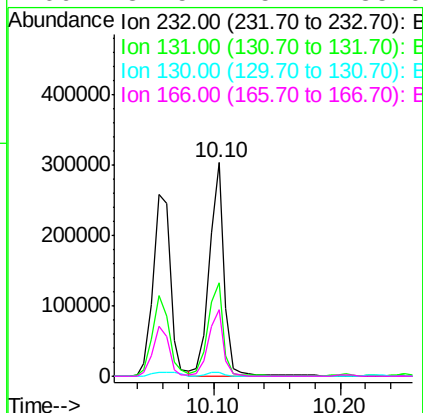
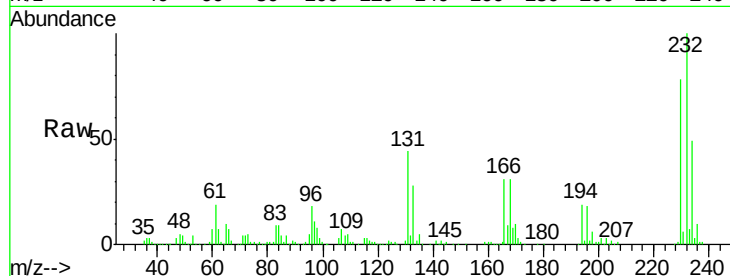




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.464 ng
 RT: 10.10 min Scan# 1363
 Delta R.T. 0.01 min
 Lab File: BF120070.D
 Acq: 17 Apr 2020 20:16

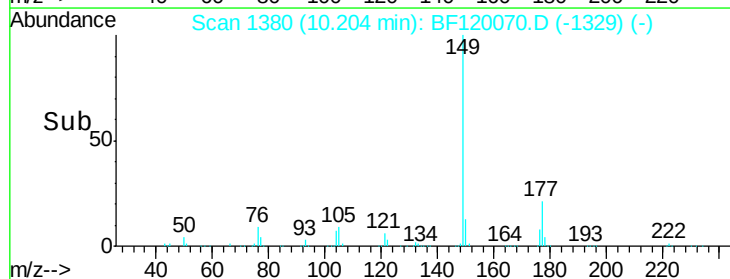
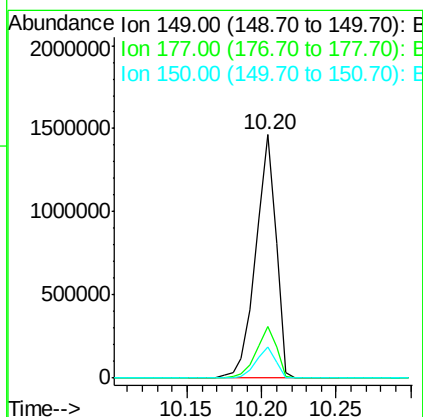
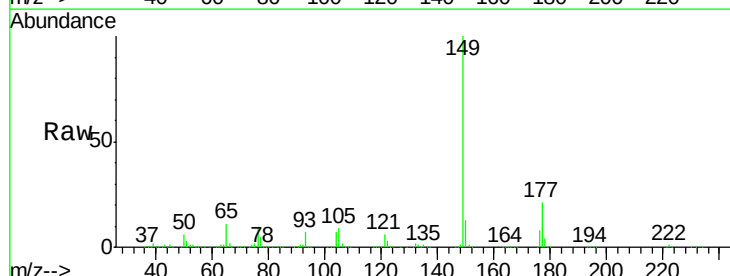
Instrument :
 BNA_F
 ClientSampleId :

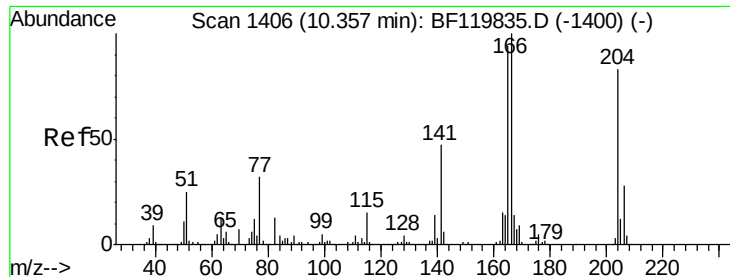
Tot Ion:232 Resp: 246551
 Ion Ratio Lower Upper
 232 100
 131 44.8 37.9 56.9
 130 2.1 1.8 2.6
 166 31.5 25.4 38.0



#60
 Diethylphthalate
 Concen: 60.034 ng
 RT: 10.20 min Scan# 1380
 Delta R.T. 0.00 min
 Lab File: BF120070.D
 Acq: 17 Apr 2020 20:16

Tgt Ion:149 Resp: 1359285
 Ion Ratio Lower Upper
 149 100
 177 21.0 16.8 25.2
 150 12.5 9.8 14.6

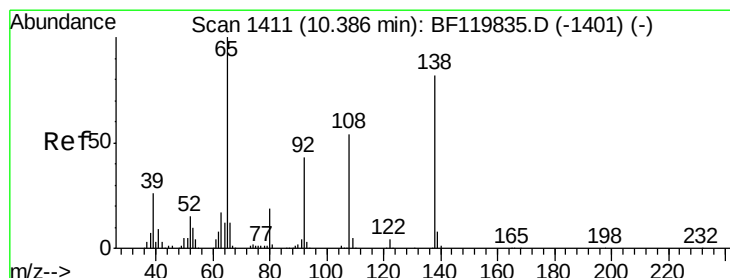
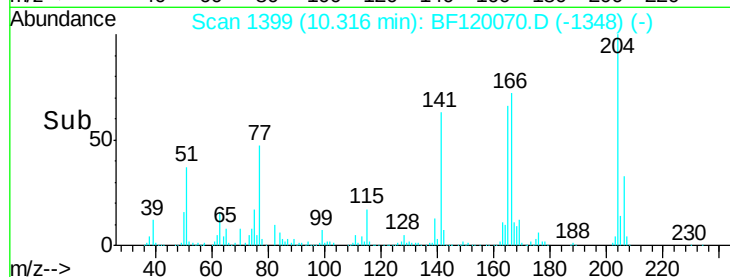
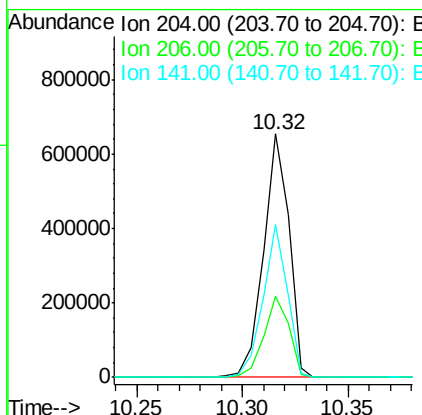
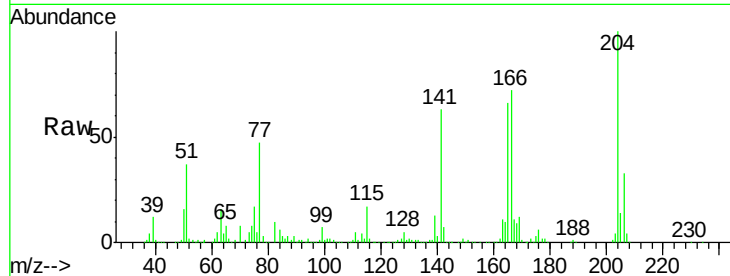




#61
 4-Chlorophenyl-phenylether
 Concen: 52.285 ng
 RT: 10.32 min Scan# 1399
 Delta R.T. 0.00 min
 Lab File: BF120070.D
 Acq: 17 Apr 2020 20:16

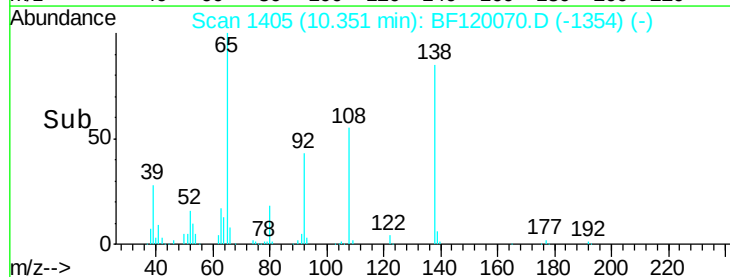
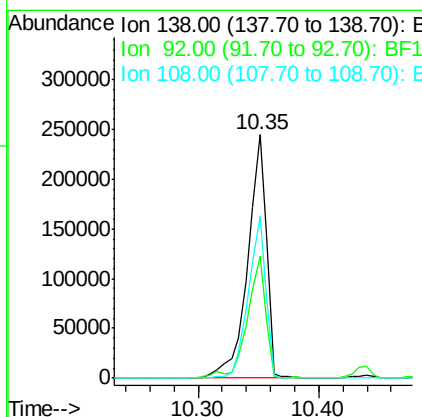
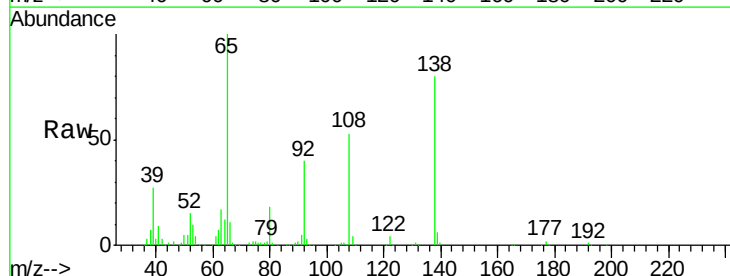
Instrument :
 BNA_F
 ClientSampleId :

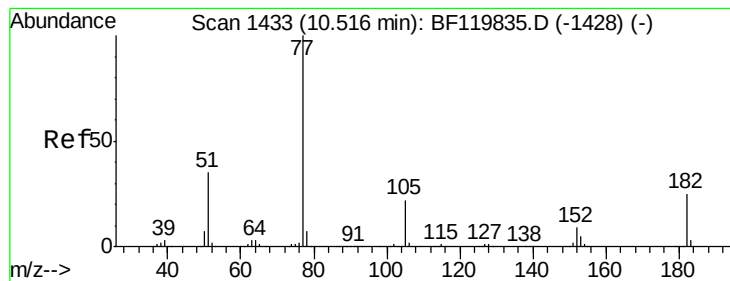
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.3	26.7	40.1
141	62.7	45.8	68.8



#62
 4-Nitroaniline
 Concen: 51.114 ng
 RT: 10.35 min Scan# 1405
 Delta R.T. 0.00 min
 Lab File: BF120070.D
 Acq: 17 Apr 2020 20:16

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.2	31.6	71.6
108	66.3	45.2	85.2





#63

Azobenzene

Concen: 56.583 ng

RT: 10.48 min Scan# 1427

Delta R.T. 0.00 min

Lab File: BF120070.D

Acq: 17 Apr 2020 20:16

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 1148141

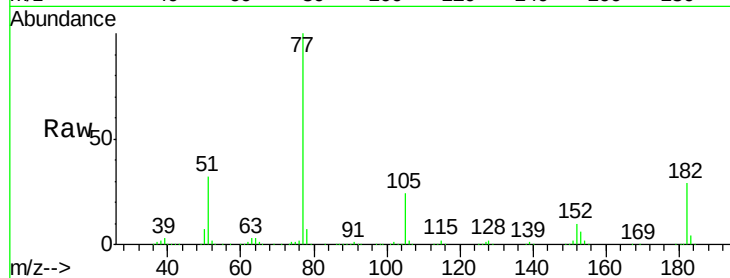
Ion	Ratio	Lower	Upper
77	100		
182	28.6	4.5	44.5
105	23.8	2.2	42.2
51	31.9	15.1	55.1

77 100

182 28.6 4.5 44.5

105 23.8 2.2 42.2

51 31.9 15.1 55.1

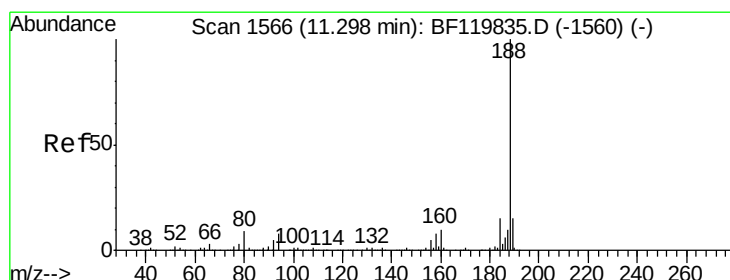
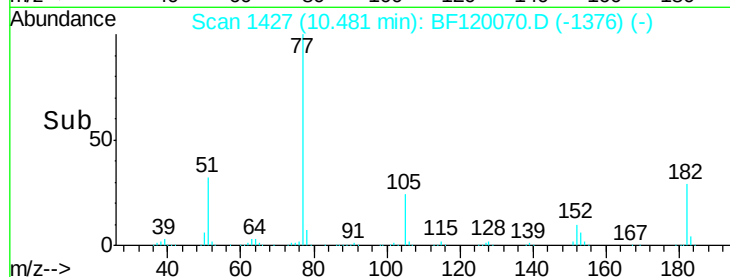
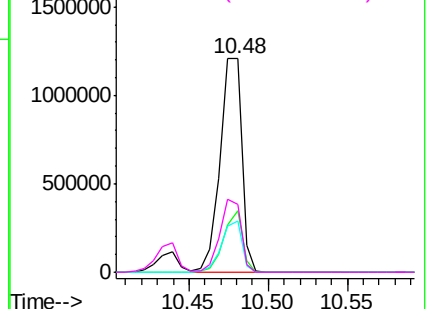


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.26 min Scan# 1559

Delta R.T. 0.00 min

Lab File: BF120070.D

Acq: 17 Apr 2020 20:16

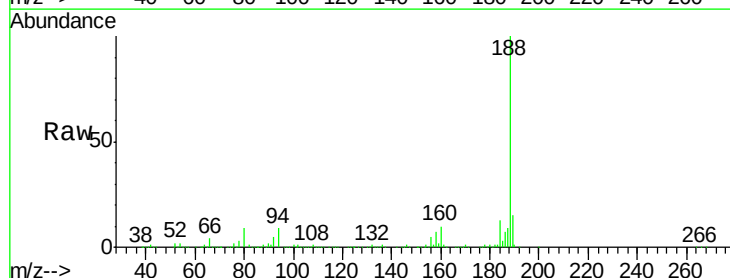
Tgt Ion: 188 Resp: 413703

Ion	Ratio	Lower	Upper
188	100		
94	9.2	6.7	10.1
80	9.4	7.4	11.2

188 100

94 9.2 6.7 10.1

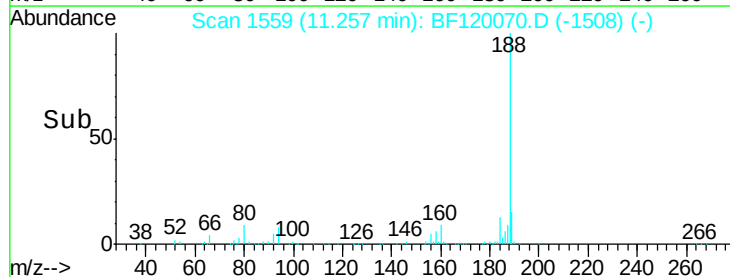
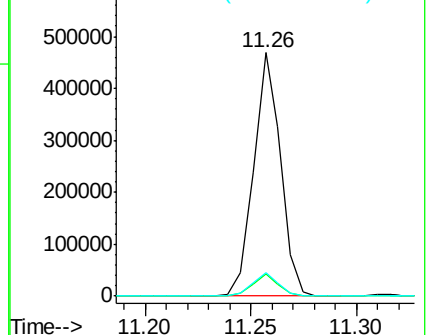
80 9.4 7.4 11.2

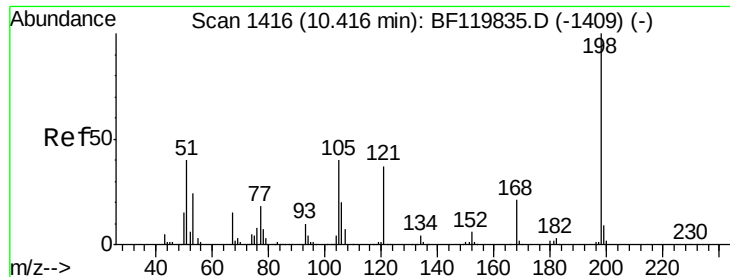


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

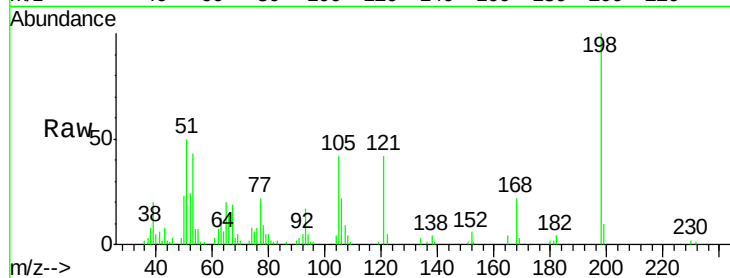




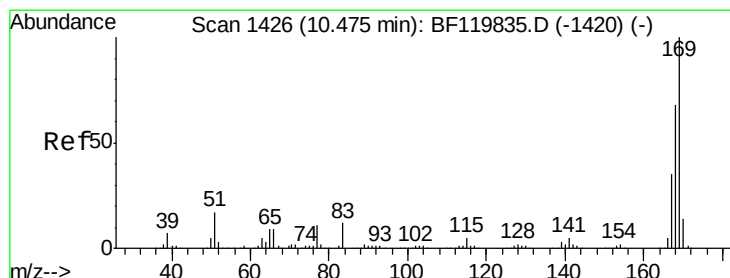
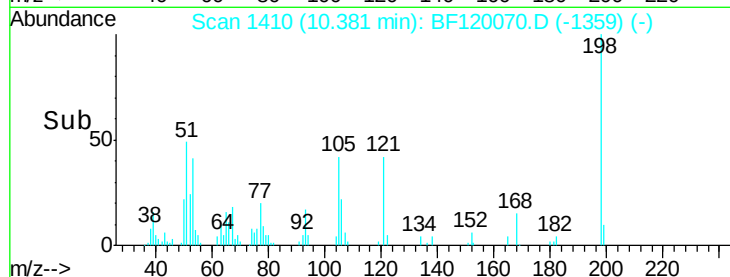
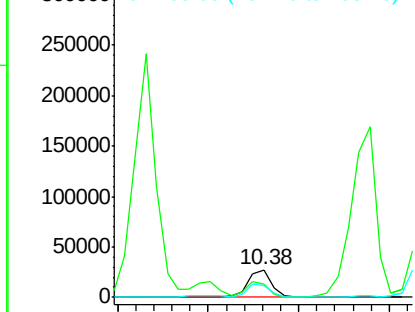
#65
 4,6-Dinitro-2-methylphenol
 Concen: 9.094 ng
 RT: 10.38 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: BF120070.D
 Acq: 17 Apr 2020 20:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:198 Resp: 24785
 Ion Ratio Lower Upper
 198 100
 51 49.7 25.2 65.2
 105 41.8 20.8 60.8

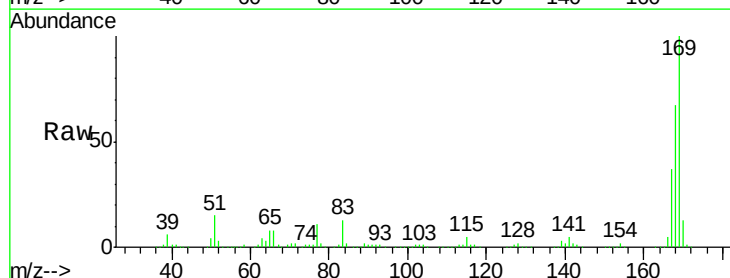


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

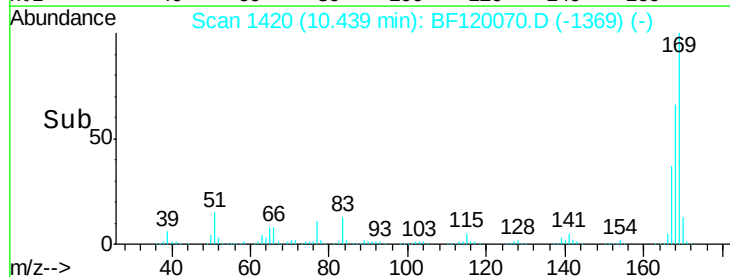
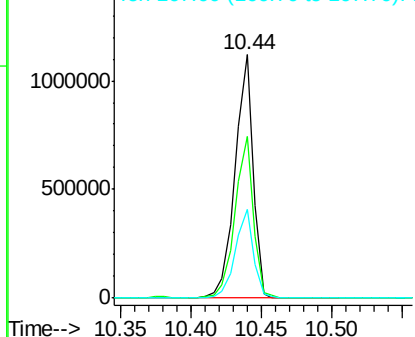


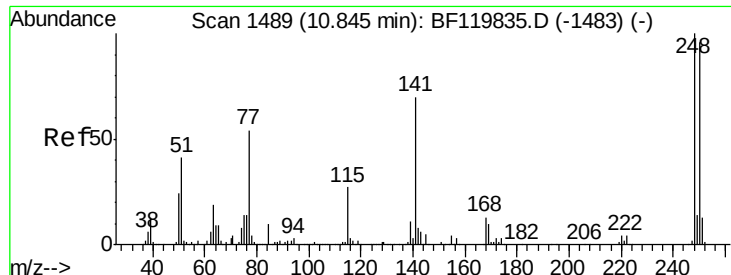
#66
 n-Nitrosodiphenylamine
 Concen: 72.413 ng
 RT: 10.44 min Scan# 1420
 Delta R.T. 0.00 min
 Lab File: BF120070.D
 Acq: 17 Apr 2020 20:16

Tgt Ion:169 Resp: 996306
 Ion Ratio Lower Upper
 169 100
 168 66.5 54.2 81.4
 167 36.6 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

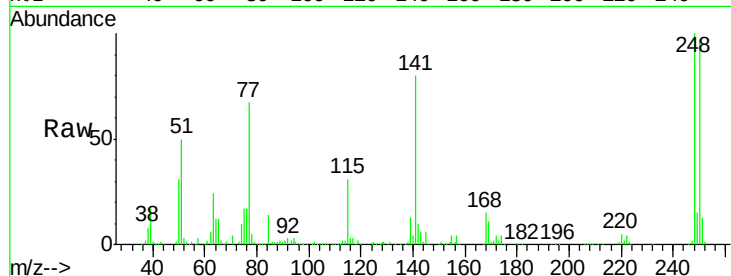




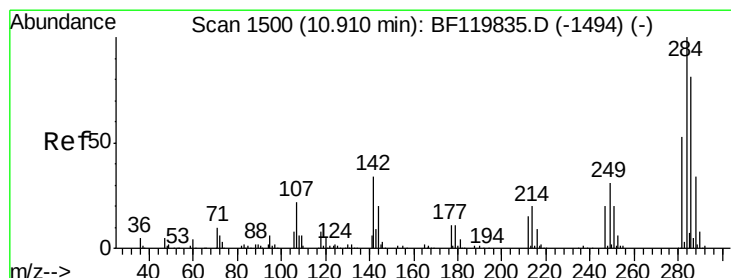
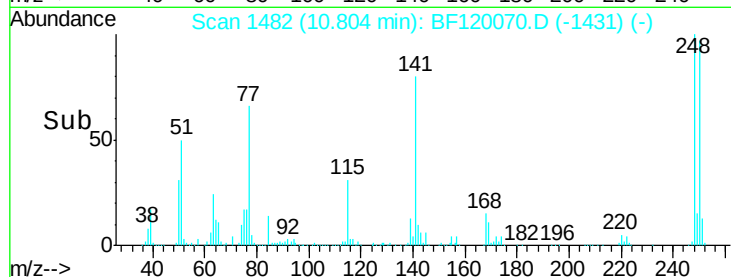
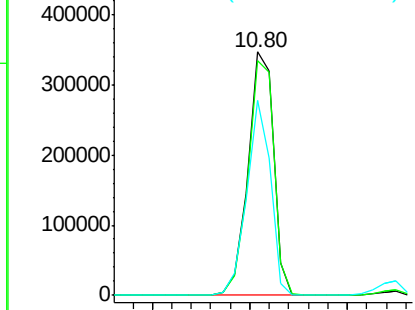
#67
 4-Bromophenyl-phenylether
 Concen: 61.367 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. 0.00 min
 Lab File: BF120070.D
 Acq: 17 Apr 2020 20:16

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 315724
 Ion Ratio Lower Upper
 248 100
 250 96.6 76.6 114.8
 141 79.9 55.9 83.9

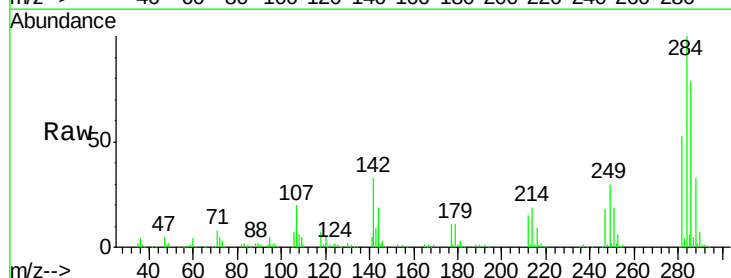


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

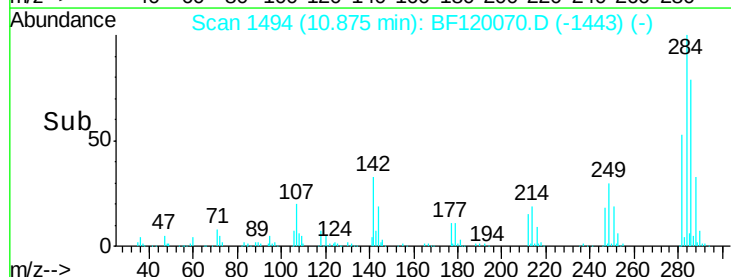
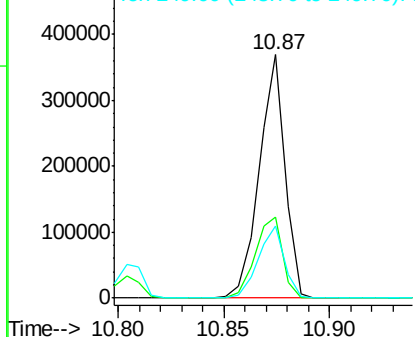


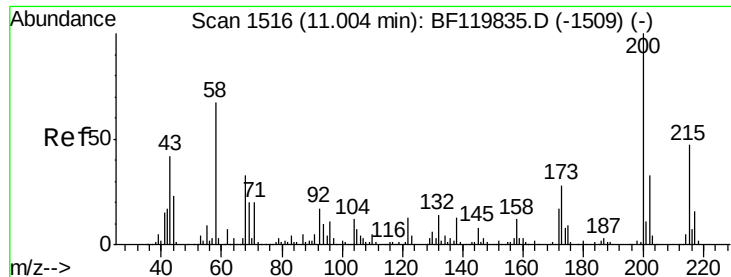
#68
 Hexachlorobenzene
 Concen: 60.081 ng
 RT: 10.87 min Scan# 1494
 Delta R.T. 0.00 min
 Lab File: BF120070.D
 Acq: 17 Apr 2020 20:16

Tgt Ion:284 Resp: 313575
 Ion Ratio Lower Upper
 284 100
 142 33.1 26.9 40.3
 249 29.8 24.6 37.0



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

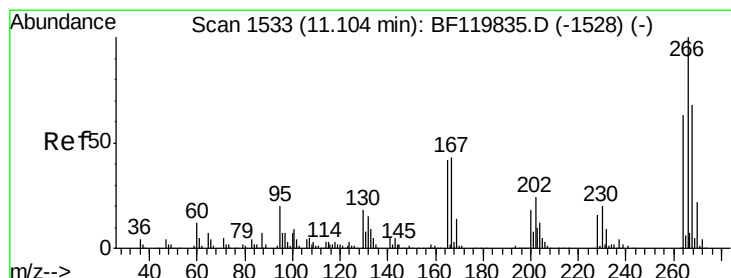
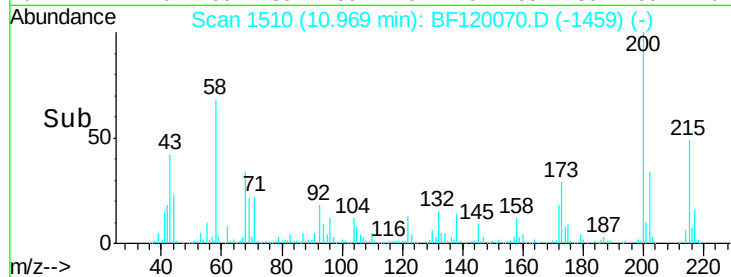
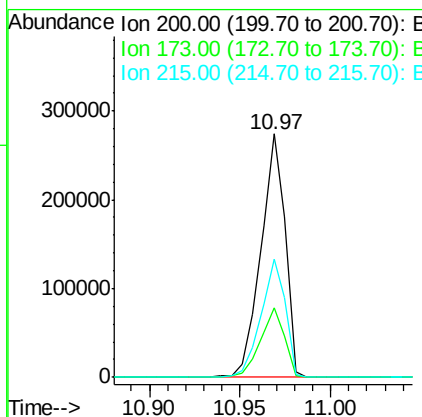
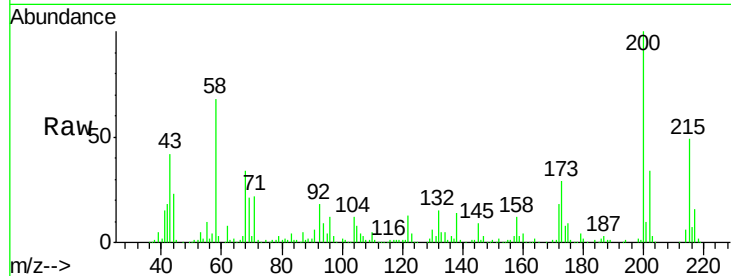




#69
 Atrazine
 Concen: 66.677 ng
 RT: 10.97 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: BF120070.D
 Acq: 17 Apr 2020 20:16

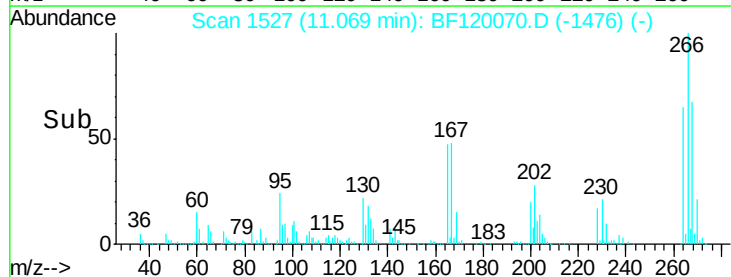
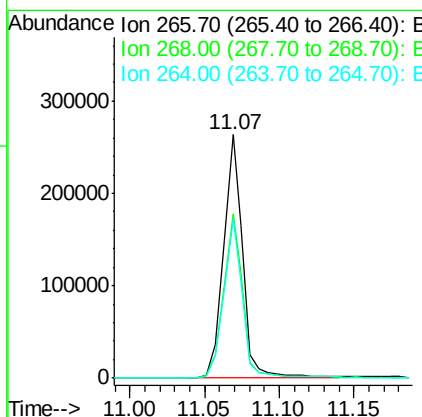
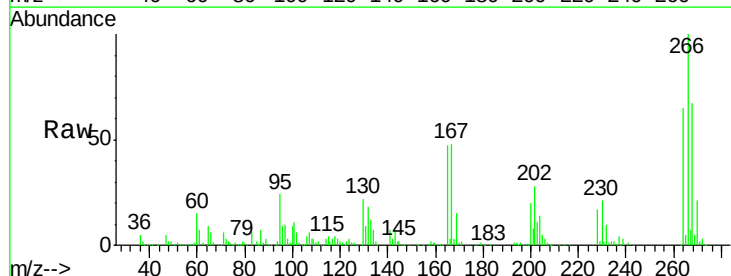
Instrument :
 BNA_F
 ClientSampleId :

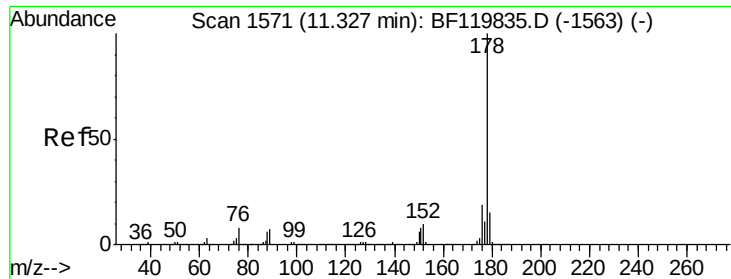
Tot Ion	Ratio	Lower	Upper
200	100		
173	28.5	8.0	48.0
215	48.5	27.1	67.1



#70
 Pentachlorophenol
 Concen: 79.912 ng
 RT: 11.07 min Scan# 1527
 Delta R.T. 0.00 min
 Lab File: BF120070.D
 Acq: 17 Apr 2020 20:16

Tgt Ion	Ratio	Lower	Upper
266	100		
268	67.2	54.2	81.4
264	65.4	50.6	76.0

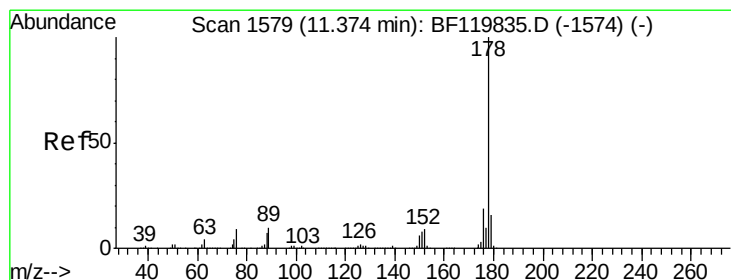
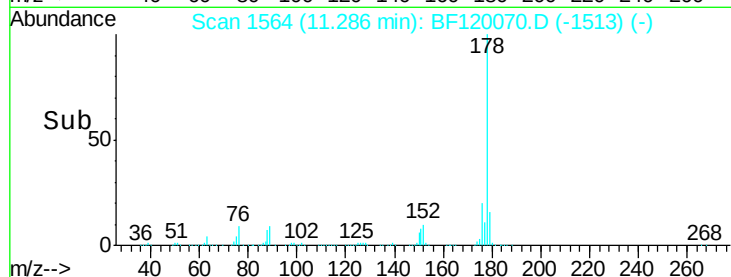
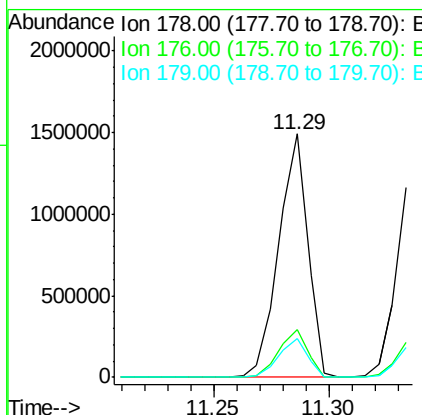
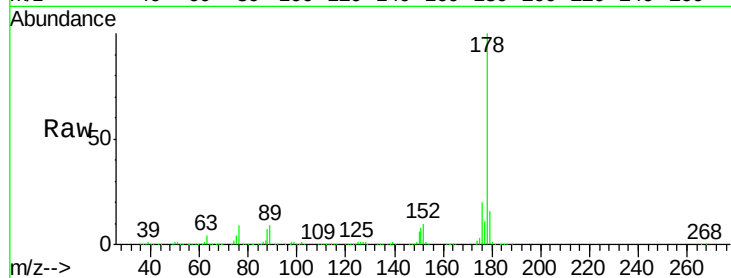




#71
Phenanthrene
Concen: 59.111 ng
RT: 11.29 min Scan# 1564
Delta R.T. 0.00 min
Lab File: BF120070.D
Acq: 17 Apr 2020 20:16

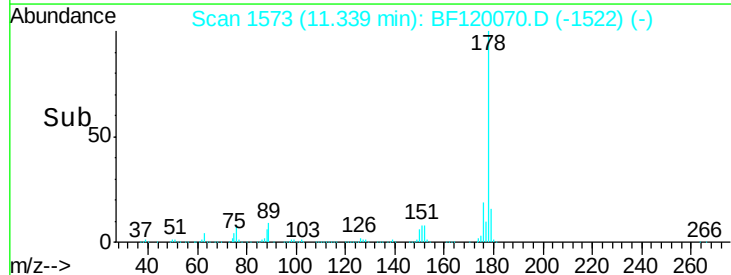
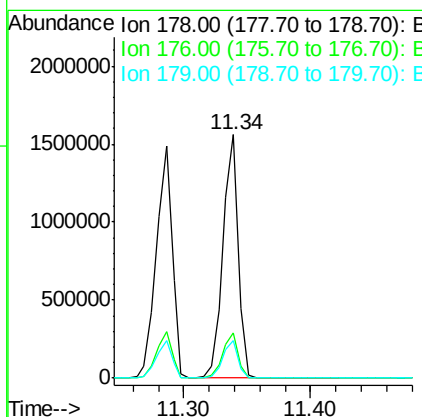
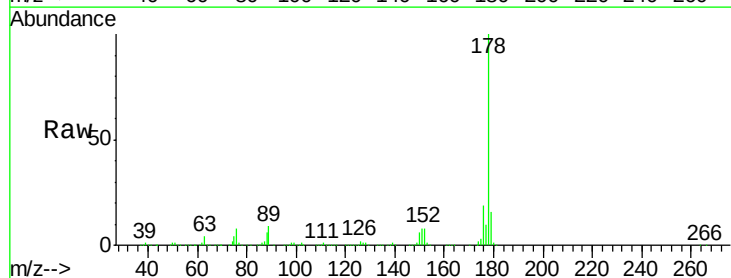
Instrument :
BNA_F
ClientSampleId :

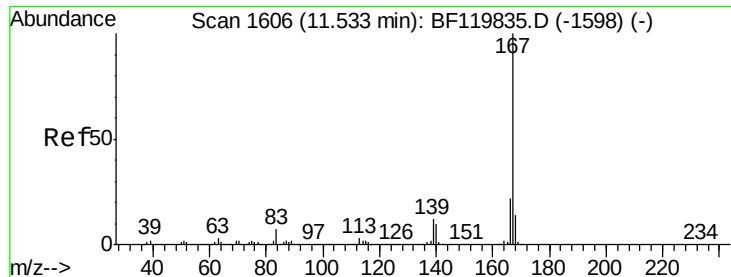
Tot Ion:178 Resp: 1301498
Ion Ratio Lower Upper
178 100
176 19.7 15.1 22.7
179 15.9 12.2 18.4



#72
Anthracene
Concen: 58.509 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.00 min
Lab File: BF120070.D
Acq: 17 Apr 2020 20:16

Tgt Ion:178 Resp: 1316015
Ion Ratio Lower Upper
178 100
176 18.8 15.4 23.2
179 15.6 12.8 19.2

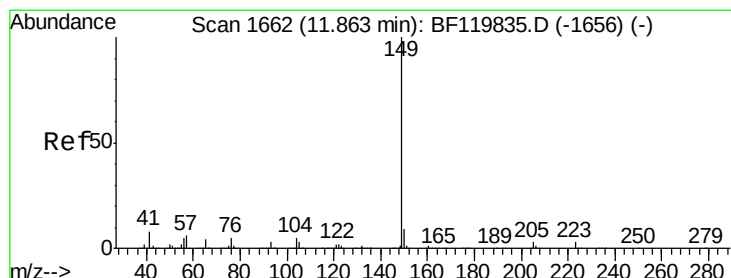
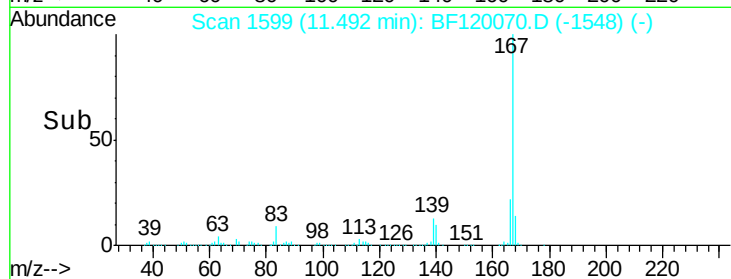
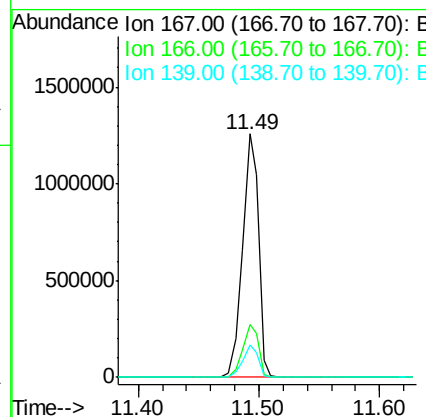
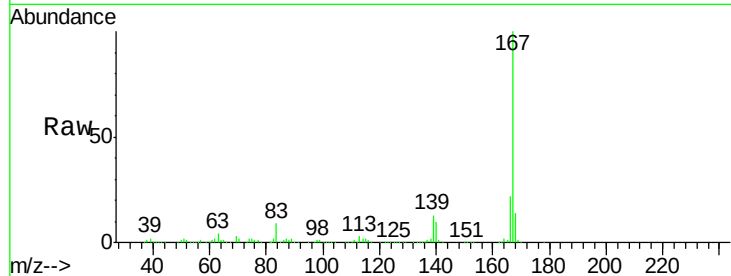




#73
 Carbazole
 Concen: 54.751 ng
 RT: 11.49 min Scan# 1599
 Delta R.T. 0.00 min
 Lab File: BF120070.D
 Acq: 17 Apr 2020 20:16

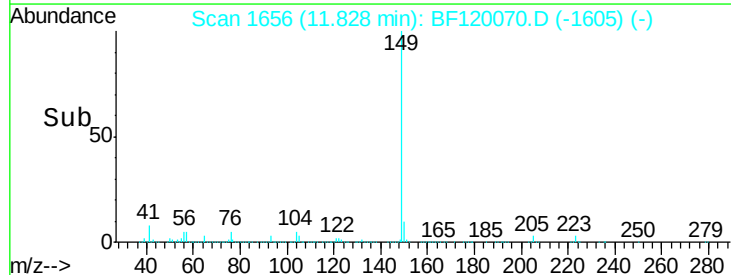
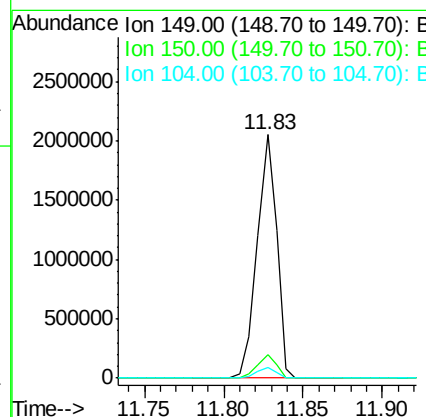
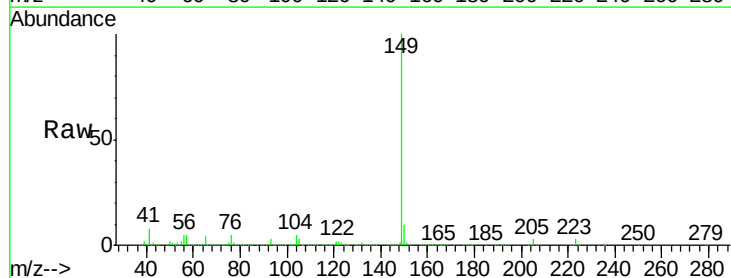
Instrument :
 BNA_F
 ClientSampleId :

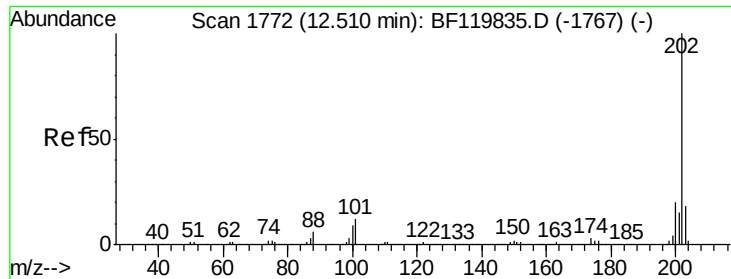
Tot Ion:167 Resp: 1164567
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.4 26.0
 139 13.1 9.8 14.8



#74
 Di-n-butylphthalate
 Concen: 62.916 ng
 RT: 11.83 min Scan# 1656
 Delta R.T. 0.00 min
 Lab File: BF120070.D
 Acq: 17 Apr 2020 20:16

Tgt Ion:149 Resp: 1759261
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.6 11.4
 104 4.6 3.8 5.6

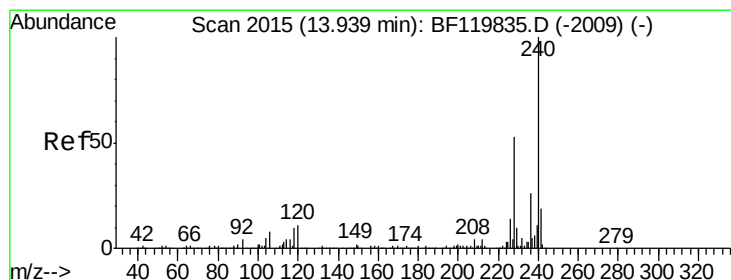
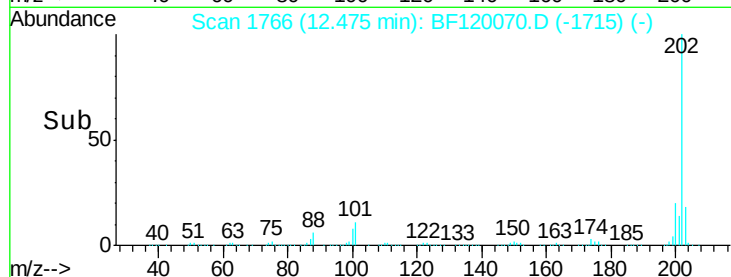
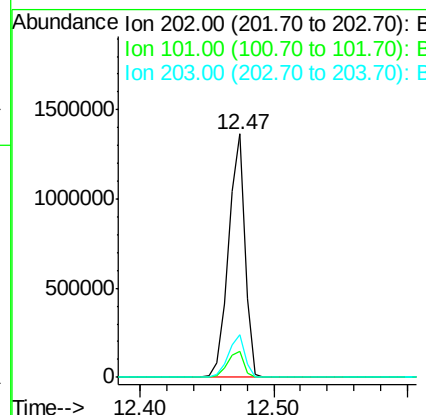
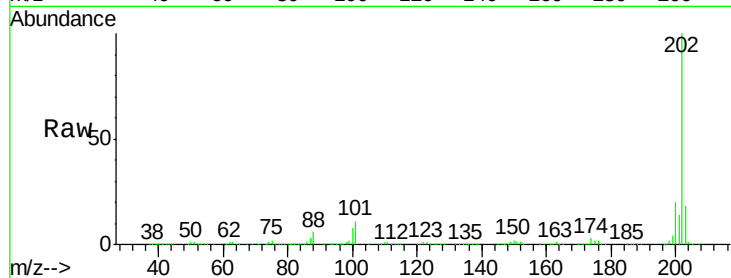




#75
Fluoranthene
Concen: 49.973 ng
RT: 12.47 min Scan# 1766
Delta R.T. 0.00 min
Lab File: BF120070.D
Acq: 17 Apr 2020 20:16

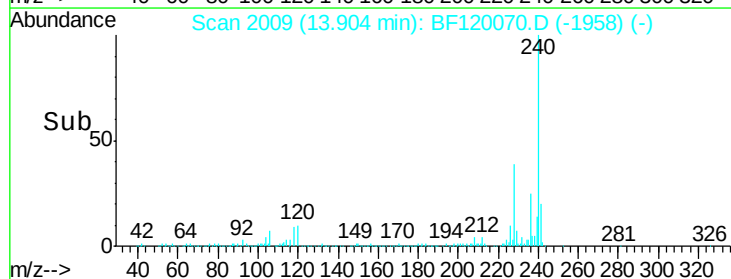
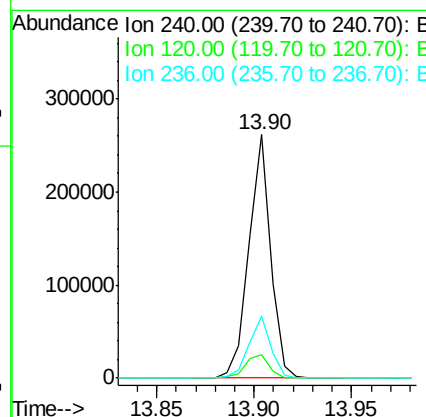
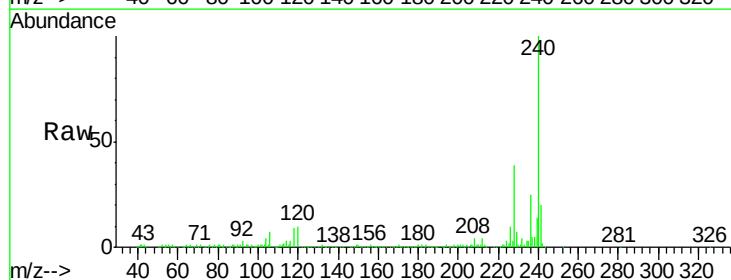
Instrument :
BNA_F
ClientSampleId :

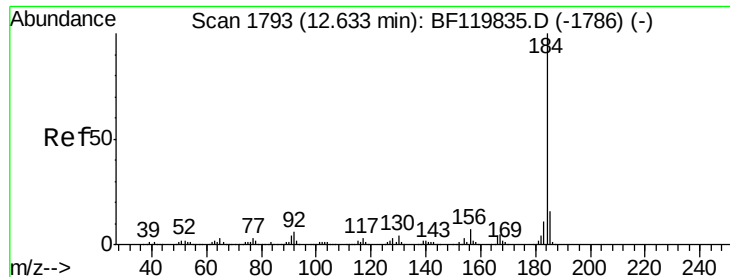
Tot Ion:202 Resp: 1187193
Ion Ratio Lower Upper
202 100
101 10.9 0.0 32.3
203 17.6 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.90 min Scan# 2009
Delta R.T. 0.00 min
Lab File: BF120070.D
Acq: 17 Apr 2020 20:16

Tgt Ion:240 Resp: 202116
Ion Ratio Lower Upper
240 100
120 9.9 9.0 13.6
236 25.2 20.7 31.1





#77

Benzidine

Concen: 57.057 ng

RT: 12.60 min Scan# 1787

Delta R.T. 0.01 min

Lab File: BF120070.D

Acq: 17 Apr 2020 20:16

Instrument :

BNA_F

ClientSampled :

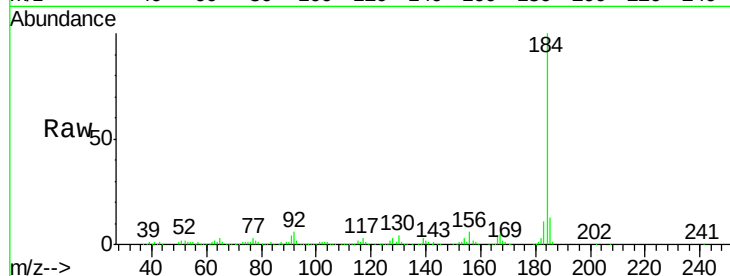
Tot Ion:184 Resp: 389818

Ion Ratio Lower Upper

184 100

185 13.5 13.2 19.8

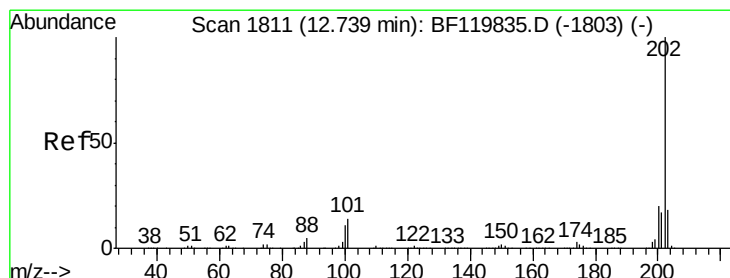
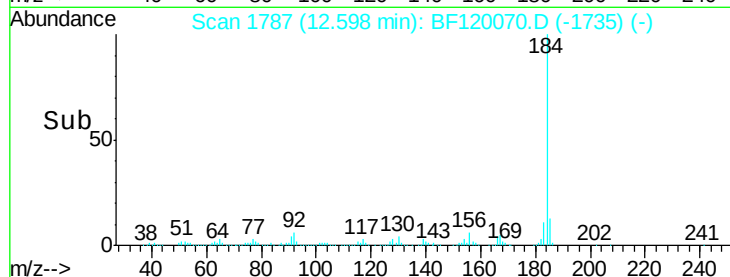
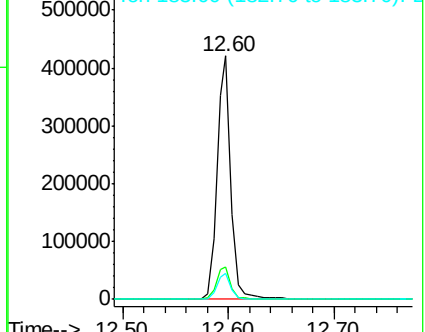
183 10.8 9.1 13.7



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: 68.485 ng

RT: 12.70 min Scan# 1805

Delta R.T. 0.00 min

Lab File: BF120070.D

Acq: 17 Apr 2020 20:16

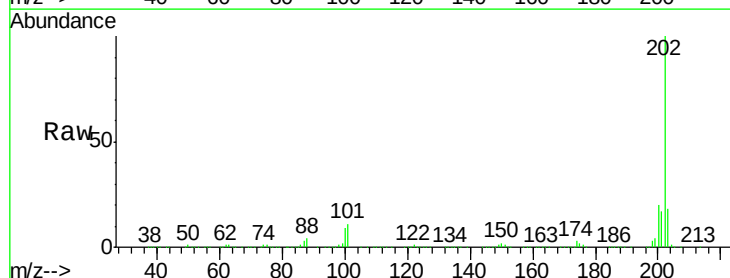
Tgt Ion:202 Resp: 1166907

Ion Ratio Lower Upper

202 100

200 20.4 16.2 24.2

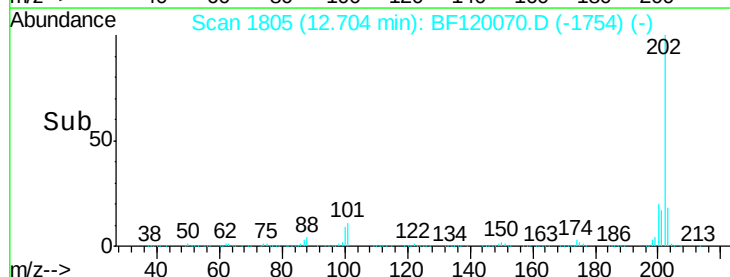
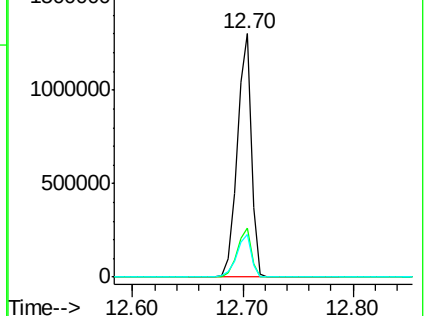
203 17.6 14.1 21.1

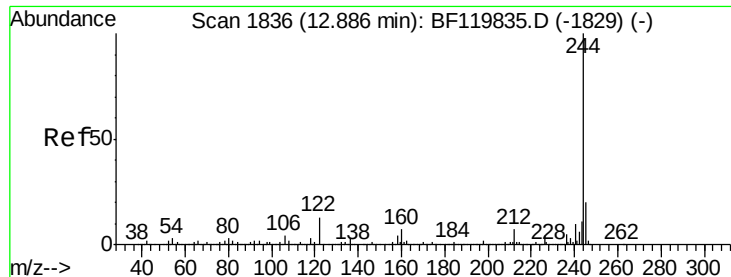


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 81.374 ng

RT: 12.85 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF120070.D

Acq: 17 Apr 2020 20:16

Instrument :

BNA_F

ClientSampled :

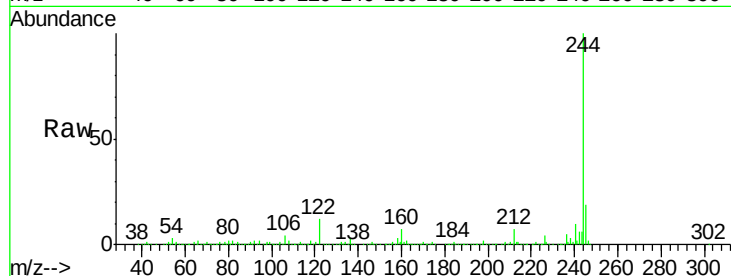
Tot Ion:244 Resp: 977448

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

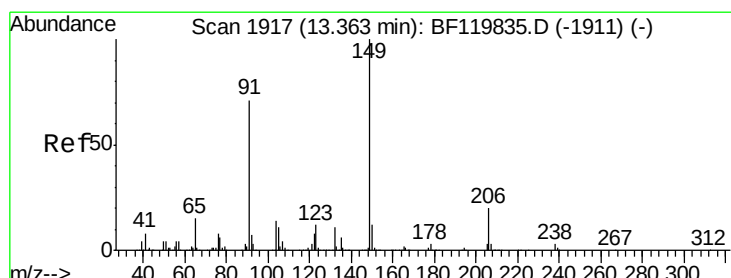
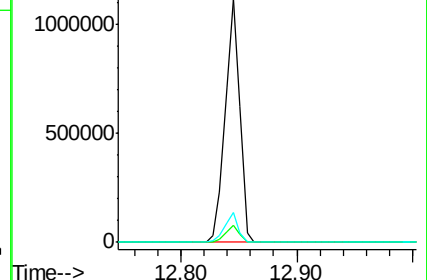
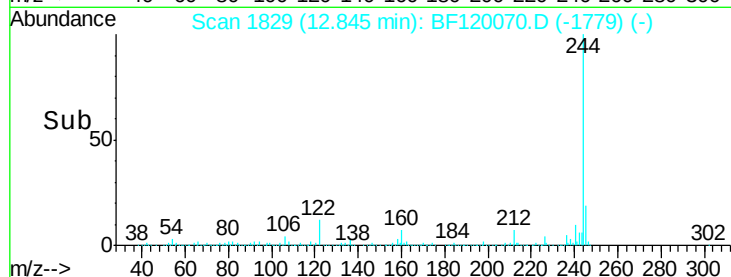
122 12.1 10.3 15.5



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: 66.261 ng

RT: 13.33 min Scan# 1911

Delta R.T. 0.00 min

Lab File: BF120070.D

Acq: 17 Apr 2020 20:16

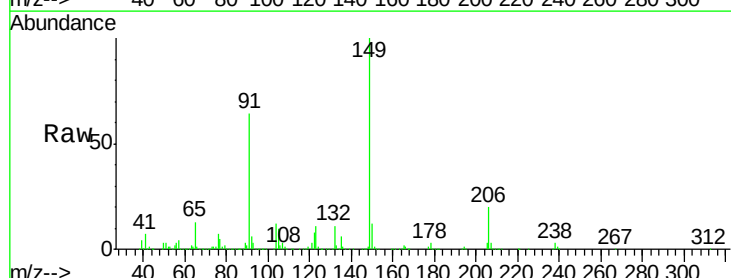
Tgt Ion:149 Resp: 547837

Ion Ratio Lower Upper

149 100

91 64.3 56.7 85.1

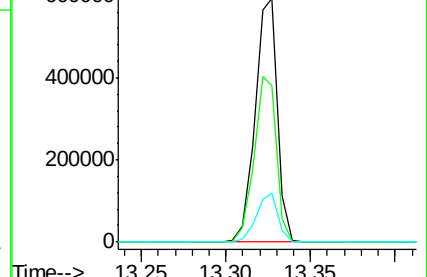
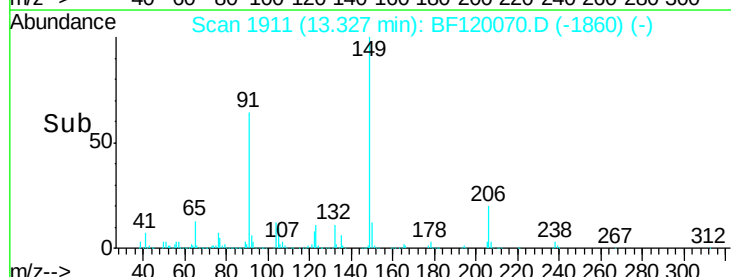
206 20.4 15.7 23.5

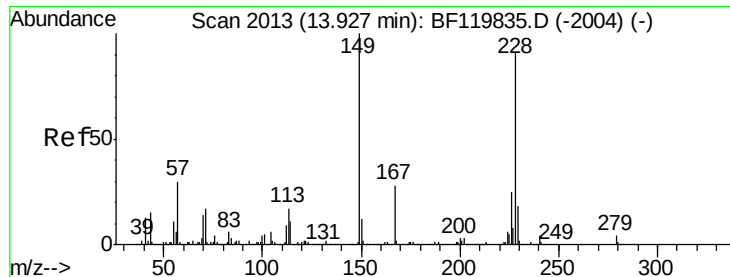


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 61.865 ng

RT: 13.89 min Scan# 2007

Delta R.T. 0.00 min

Lab File: BF120070.D

Acq: 17 Apr 2020 20:16

Instrument :

BNA_F

ClientSampleId :

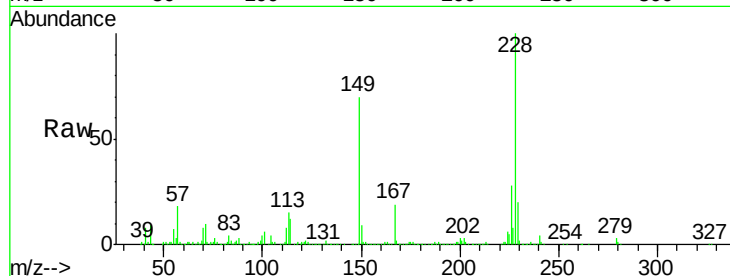
Tot Ion:228 Resp: 822584

Ion Ratio Lower Upper

228 100

226 27.5 21.9 32.9

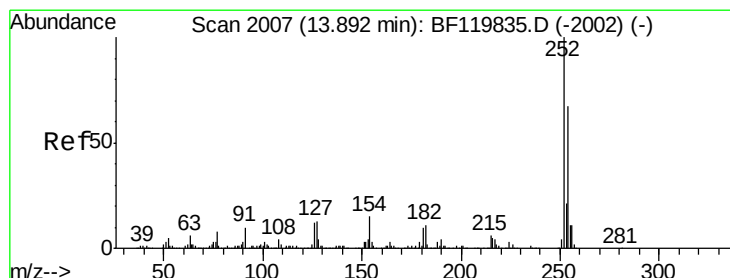
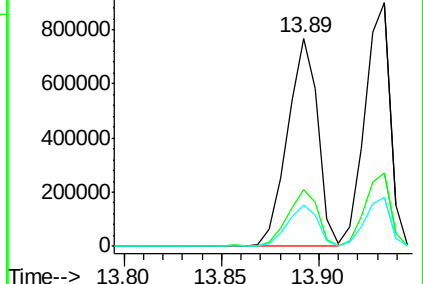
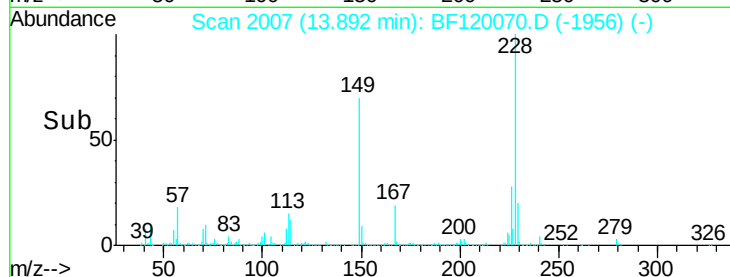
229 20.0 15.9 23.9



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: 49.563 ng

RT: 13.86 min Scan# 2001

Delta R.T. 0.00 min

Lab File: BF120070.D

Acq: 17 Apr 2020 20:16

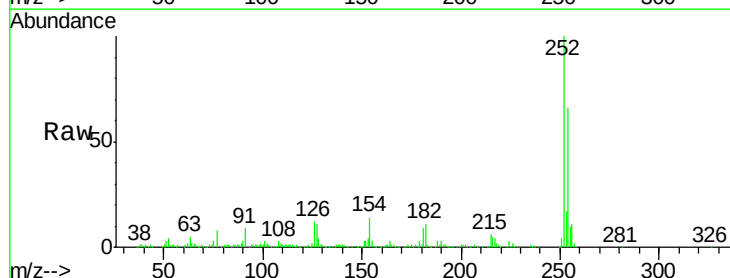
Tgt Ion:252 Resp: 245895

Ion Ratio Lower Upper

252 100

254 65.9 53.9 80.9

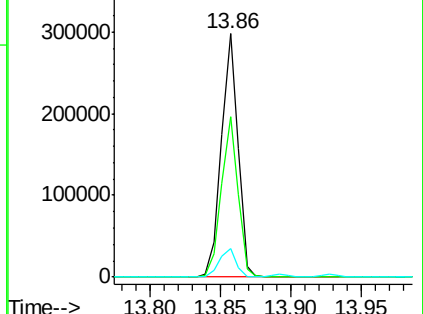
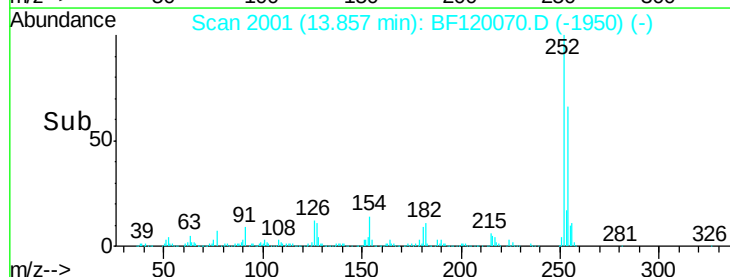
126 11.6 9.7 14.5

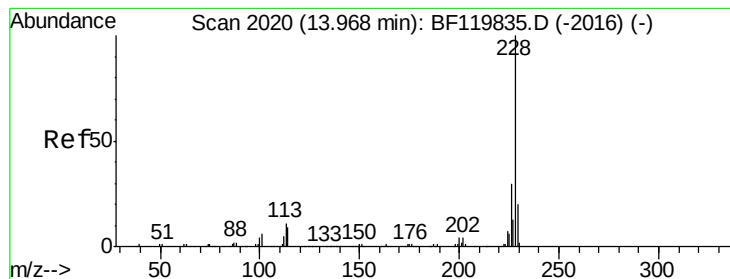


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 59.757 ng

RT: 13.93 min Scan# 2014

Delta R.T. 0.00 min

Lab File: BF120070.D

Acq: 17 Apr 2020 20:16

Instrument :

BNA_F

ClientSampled :

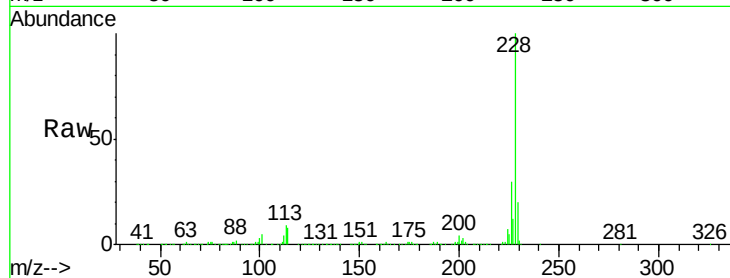
Tot Ion:228 Resp: 807336

Ion Ratio Lower Upper

228 100

226 30.0 24.2 36.2

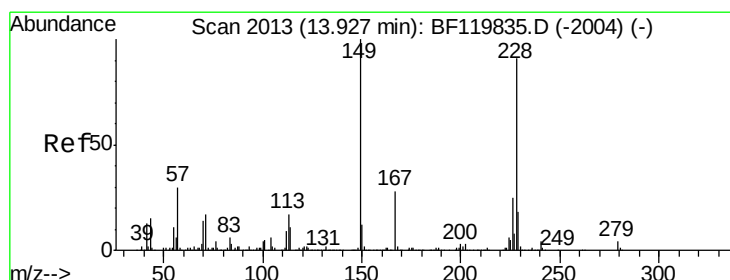
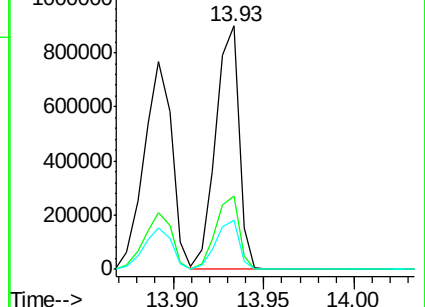
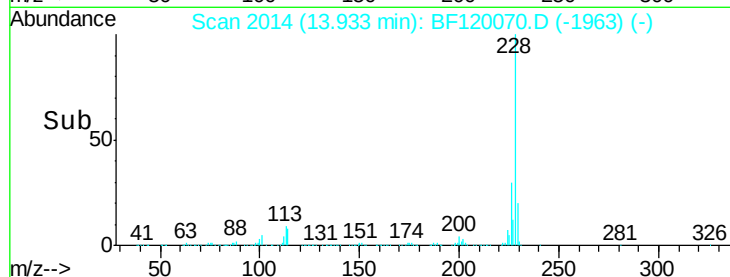
229 20.0 15.9 23.9



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: 60.979 ng

RT: 13.89 min Scan# 2006

Delta R.T. 0.00 min

Lab File: BF120070.D

Acq: 17 Apr 2020 20:16

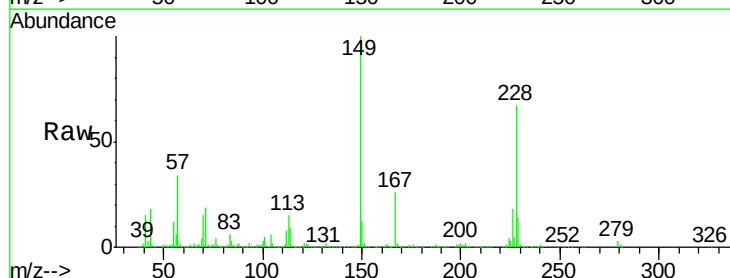
Tgt Ion:149 Resp: 682732

Ion Ratio Lower Upper

149 100

167 26.3 22.2 33.2

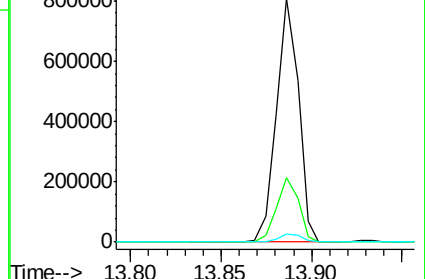
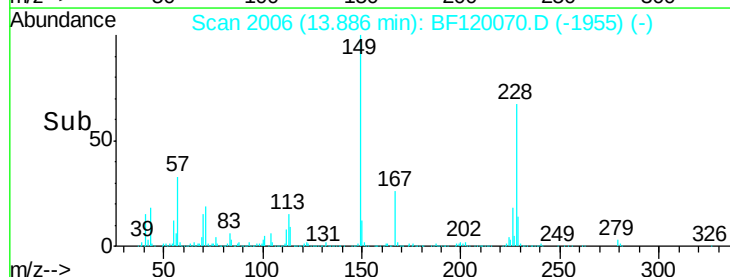
279 3.1 3.4 5.0#

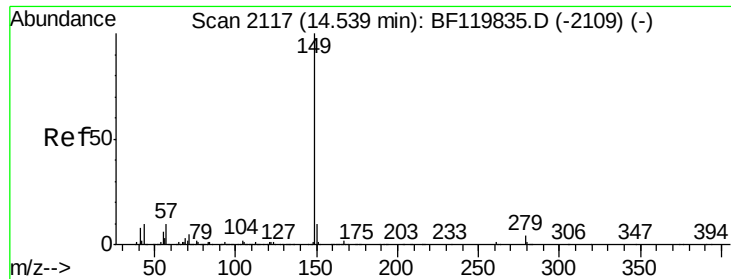


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 63.702 ng

RT: 14.50 min Scan# 2110

Delta R.T. 0.00 min

Lab File: BF120070.D

Acq: 17 Apr 2020 20:16

Instrument :

BNA_F

ClientSampleId :

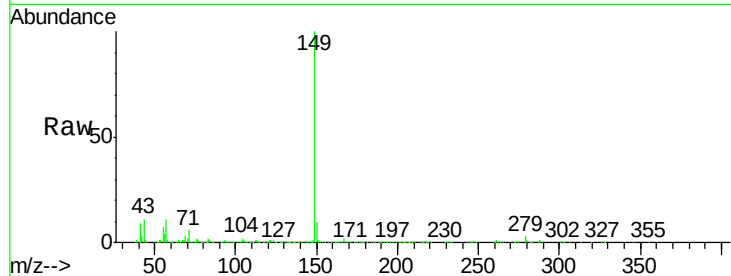
Tot Ion:149 Resp: 1214389

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

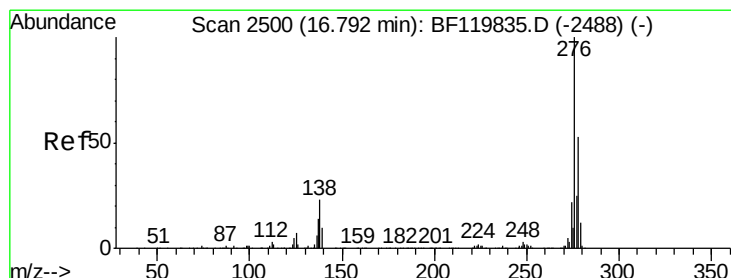
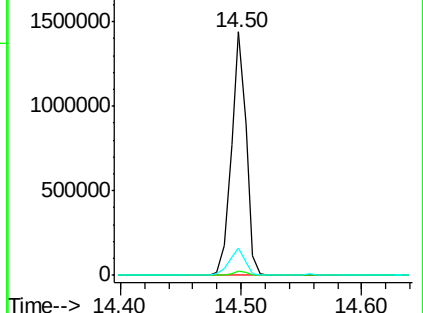
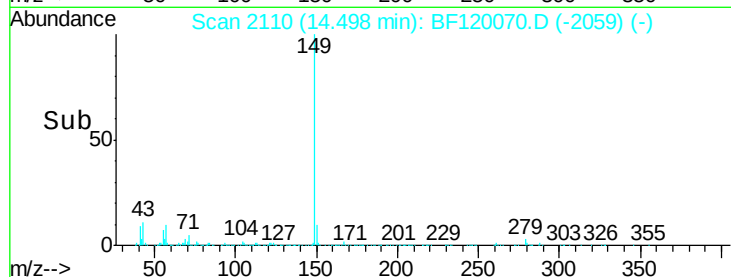
43 11.5 9.2 13.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 51.798 ng

RT: 16.73 min Scan# 2489

Delta R.T. 0.01 min

Lab File: BF120070.D

Acq: 17 Apr 2020 20:16

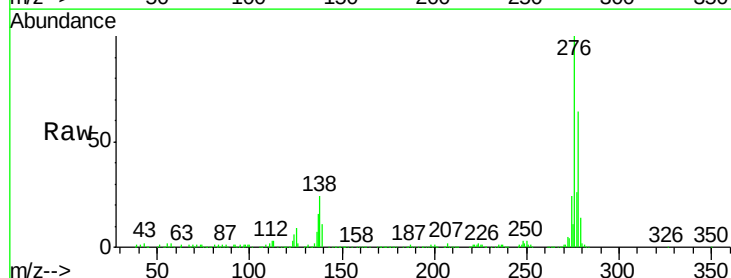
Tgt Ion:276 Resp: 616876

Ion Ratio Lower Upper

276 100

138 24.1 18.0 27.0

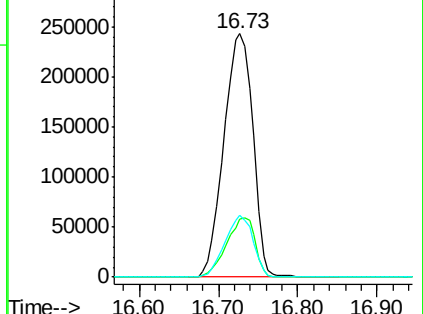
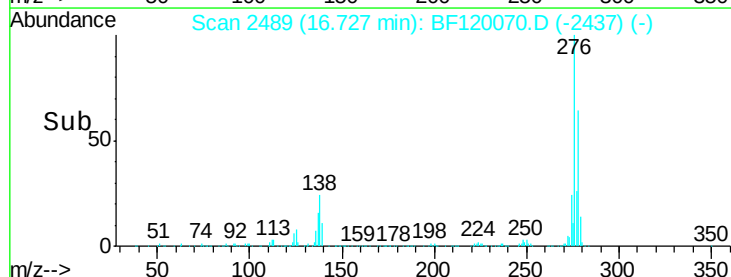
277 24.6 20.1 30.1

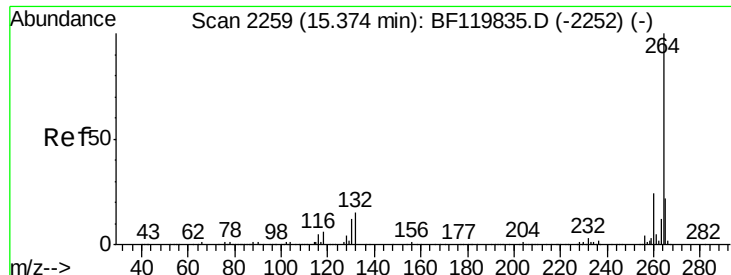


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

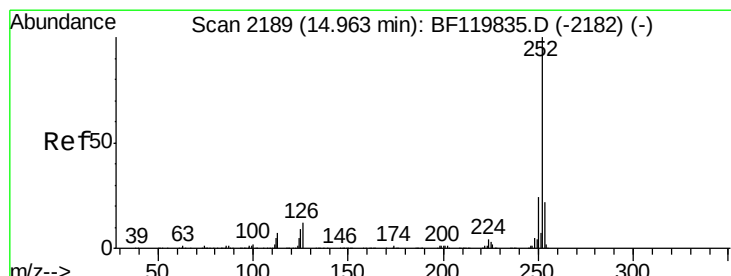
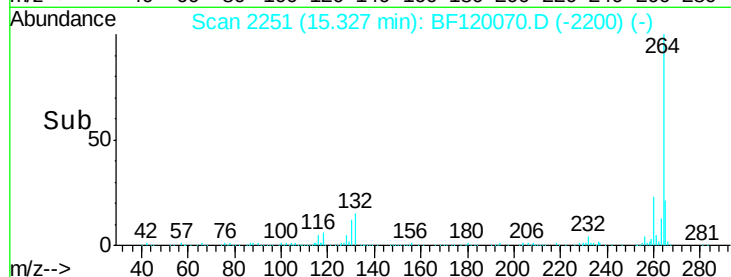
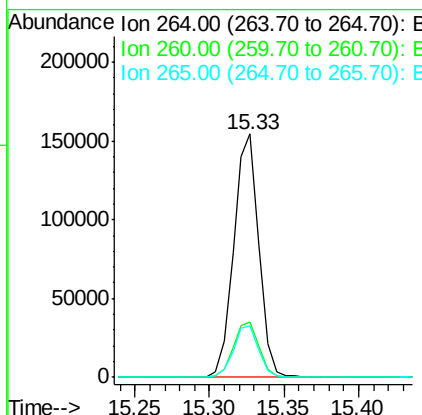
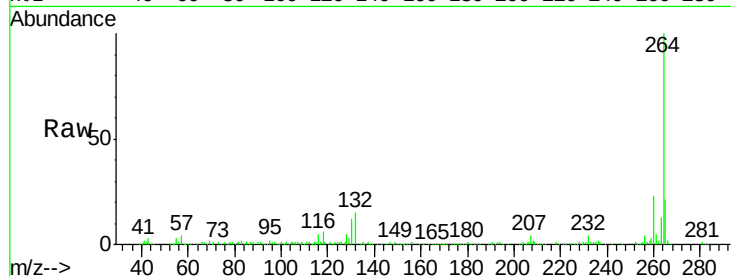




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2251
Delta R.T. 0.00 min
Lab File: BF120070.D
Acq: 17 Apr 2020 20:16

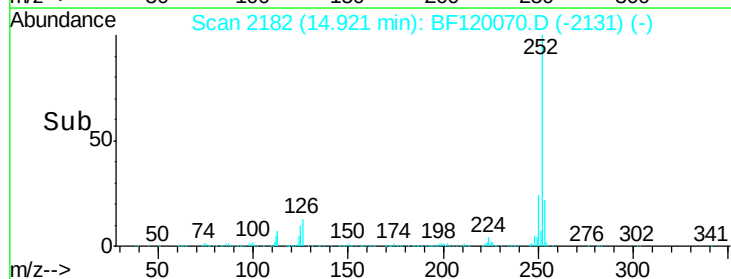
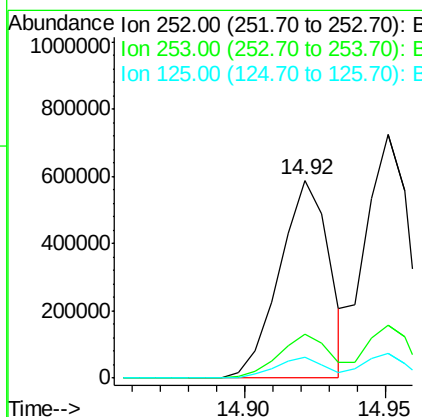
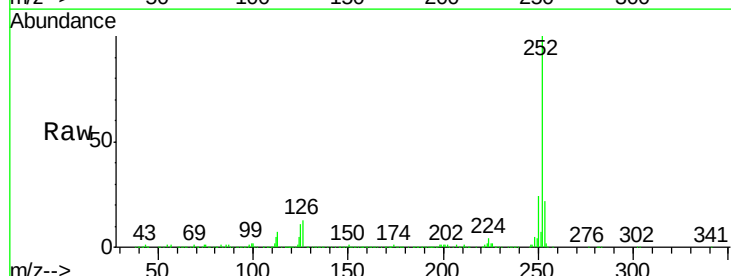
Instrument :
BNA_F
ClientSampleId :

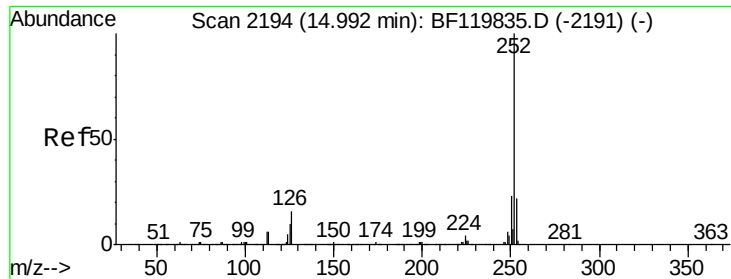
Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.3	28.9
265	21.2	17.6	26.4



#88
Benzo(b)fluoranthene
Concen: 55.280 ng
RT: 14.92 min Scan# 2182
Delta R.T. 0.00 min
Lab File: BF120070.D
Acq: 17 Apr 2020 20:16

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.7	26.5
125	10.6	7.4	11.2

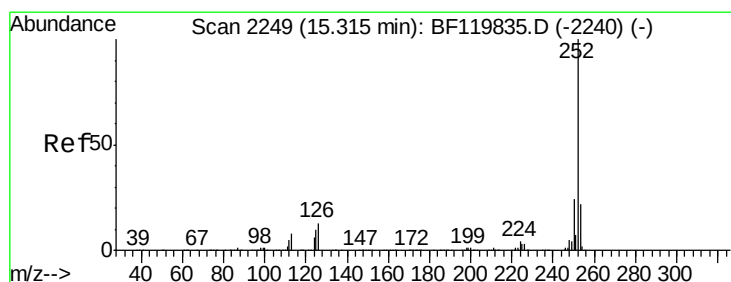
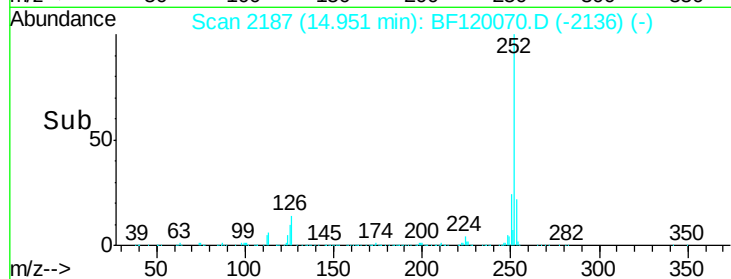
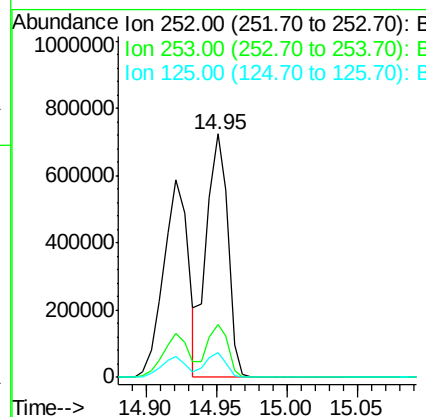
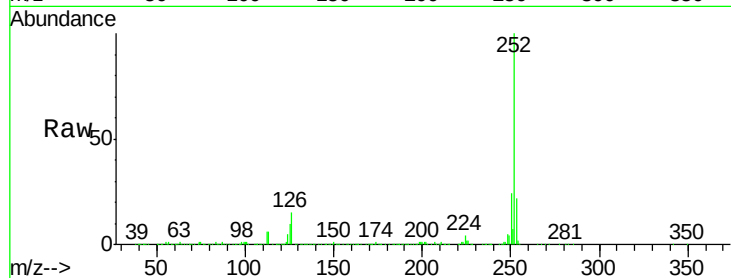




#89
Benzo(k)fluoranthene
Concen: 67.585 ng
RT: 14.95 min Scan# 2187
Delta R.T. 0.00 min
Lab File: BF120070.D
Acq: 17 Apr 2020 20:16

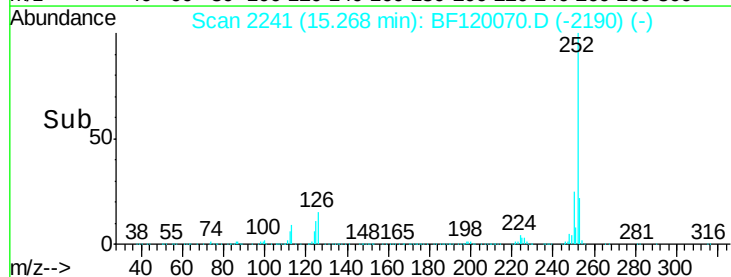
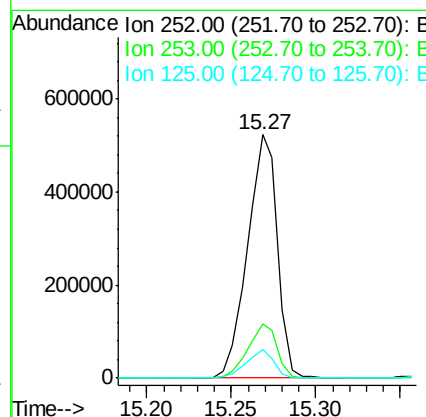
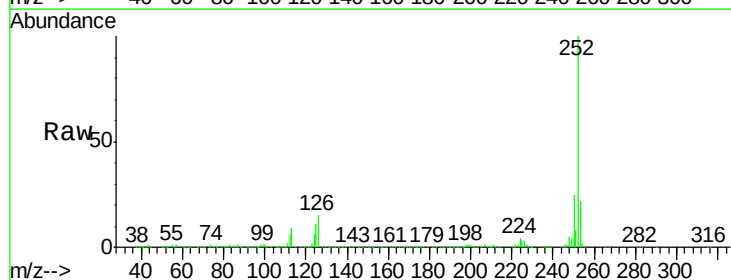
Instrument :
BNA_F
ClientSampleId :

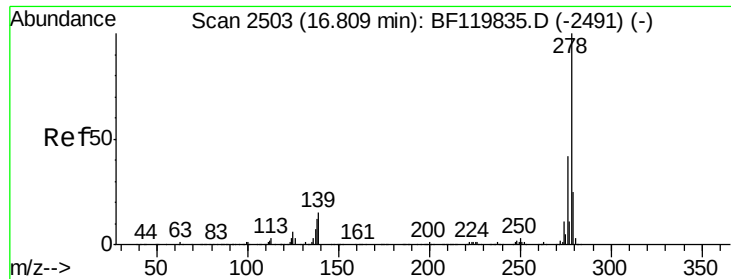
Tot Ion:252 Resp: 758678
Ion Ratio Lower Upper
252 100
253 21.6 17.8 26.8
125 10.3 7.7 11.5



#90
Benzo(a)pyrene
Concen: 58.799 ng
RT: 15.27 min Scan# 2241
Delta R.T. 0.00 min
Lab File: BF120070.D
Acq: 17 Apr 2020 20:16

Tgt Ion:252 Resp: 643210
Ion Ratio Lower Upper
252 100
253 22.5 17.4 26.2
125 11.5 8.3 12.5





#91

Dibenzo(a,h)anthracene

Concen: 53.612 ng

RT: 16.74 min Scan# 2491

Delta R.T. 0.00 min

Lab File: BF120070.D

Acq: 17 Apr 2020 20:16

Instrument :

BNA_F

ClientSampleId :

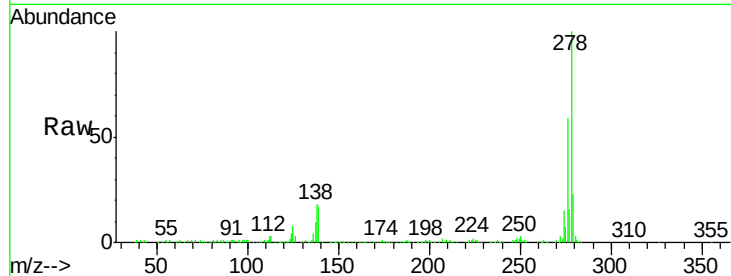
Tot Ion:278 Resp: 519484

Ion Ratio Lower Upper

278 100

139 16.9 11.6 17.4

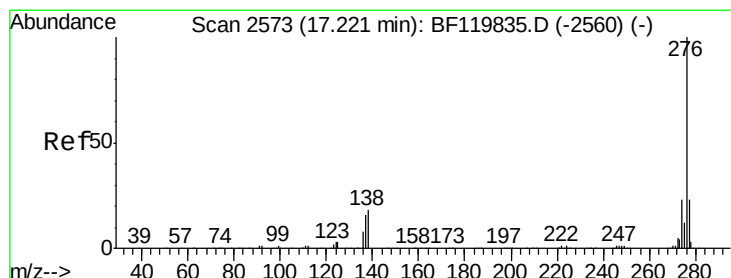
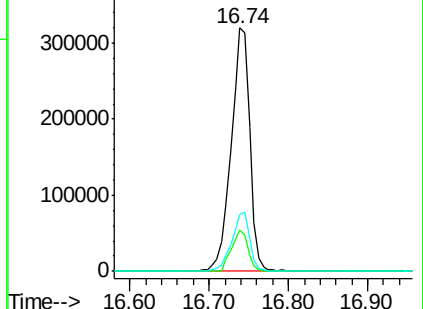
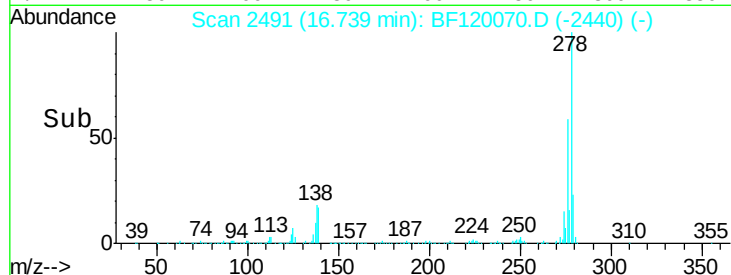
279 23.2 19.7 29.5



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: 50.232 ng

RT: 17.14 min Scan# 2560

Delta R.T. 0.00 min

Lab File: BF120070.D

Acq: 17 Apr 2020 20:16

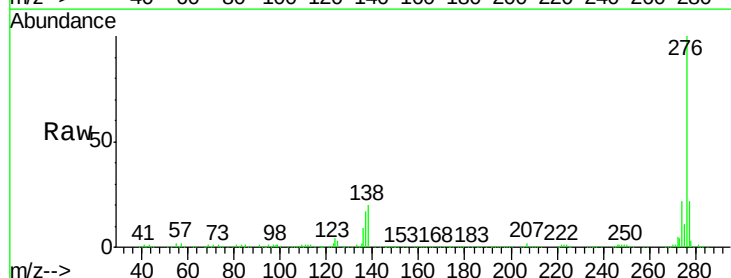
Tgt Ion:276 Resp: 480453

Ion Ratio Lower Upper

276 100

277 22.4 18.5 27.7

138 20.2 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

