

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051520\
 Data File : BF120321.D
 Acq On : 15 May 2020 15:03
 Operator : MA/SJ
 Sample : L2646-07MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-B-DMS

Quant Time: May 15 16:11:47 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 15 12:31:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	286603	20.00	ng	0.00
21) Naphthalene-d8	7.90	136	1176878	20.00	ng	0.00
39) Acenaphthene-d10	9.66	164	659489	20.00	ng	0.00
64) Phenanthrene-d10	11.14	188	1375766	20.00	ng	0.00
76) Chrysene-d12	13.77	240	823889	20.00	ng	0.00
87) Perylene-d12	15.16	264	789407	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.23	112	1867328	126.77	ng	0.01
7) Phenol-d6	6.28	99	2249261	120.75	ng	0.00
23) Nitrobenzene-d5	7.19	82	1394115	81.10	ng	0.00
42) 2,4,6-Tribromophenol	10.45	330	671671	124.91	ng	0.00
45) 2-Fluorobiphenyl	8.98	172	2911798	90.71	ng	0.00
79) Terphenyl-d14	12.73	244	3288791	88.19	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.25	88	332745	56.787	ng	99
3) Pyridine	2.92	79	798271	43.339	ng	100
4) n-Nitrosodimethylamine	2.87	42	399042	55.329	ng	98
6) Aniline	6.28	93	939686	39.445	ng	96
8) 2-Chlorophenol	6.40	128	866573	50.456	ng	99
9) Benzaldehyde	6.16	77	543836	47.359	ng	98
10) Phenol	6.29	94	1095240	50.368	ng	# 78
11) bis(2-Chloroethyl)ether	6.36	93	803661	46.268	ng	96
12) 1,3-Dichlorobenzene	6.55	146	820743	44.659	ng	99
13) 1,4-Dichlorobenzene	6.63	146	849535	44.882	ng	97
14) 1,2-Dichlorobenzene	6.79	146	792682	46.505	ng	99
15) Benzyl Alcohol	6.77	79	675171	51.019	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.90	45	1293916	47.269	ng	65
17) 2-Methylphenol	6.90	107	688327	47.475	ng	94
18) Hexachloroethane	7.12	117	316939	43.954	ng	97
19) n-Nitroso-di-n-propylamine	7.05	70	578779	47.427	ng	96
20) 3+4-Methylphenols	7.05	107	890792	47.256	ng	98
22) Acetophenone	7.03	105	1150896	47.736	ng	98
24) Nitrobenzene	7.20	77	870495	47.056	ng	96
25) Isophorone	7.45	82	1662273	46.477	ng	99
26) 2-Nitrophenol	7.52	139	472886	48.877	ng	92
27) 2,4-Dimethylphenol	7.57	122	736734	52.347	ng	96
28) bis(2-Chloroethoxy)methane	7.66	93	1092850	48.614	ng	99
29) 2,4-Dichlorophenol	7.77	162	755039	52.235	ng	99
30) 1,2,4-Trichlorobenzene	7.85	180	747434	46.662	ng	98
31) Naphthalene	7.92	128	2408901	48.498	ng	100
32) Benzoic acid	7.74	122	491319	53.259	ng	98
33) 4-Chloroaniline	7.98	127	649475	28.693	ng	98
34) Hexachlorobutadiene	8.04	225	414544	44.775	ng	97
35) Caprolactam	8.37	113	253455m	53.597	ng	
36) 4-Chloro-3-methylphenol	8.49	107	819906	52.434	ng	99
37) 2-Methylnaphthalene	8.62	142	1643777	48.360	ng	97
38) 1-Methylnaphthalene	8.72	142	1637594	49.674	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.78	216	746979	44.919	ng	99

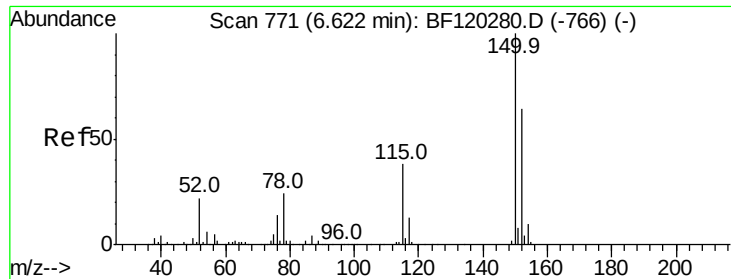
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051520\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.77	237	636309	91.704	nq	98
43) 2,4,6-Trichlorophenol	8.90	196	542106	48.566	nq	99
44) 2,4,5-Trichlorophenol	8.95	196	587491	45.830	nq	99
46) 1,1'-Biphenyl	9.08	154	2105310	48.722	nq	99
47) 2-Chloronaphthalene	9.10	162	1595048	46.018	nq	100
48) 2-Nitroaniline	9.21	65	582839	46.087	nq	99
49) Acenaphthylene	9.52	152	2603749	49.177	nq	100
50) Dimethylphthalate	9.39	163	2378966	57.064	nq	100
51) 2,6-Dinitrotoluene	9.46	165	440289	47.319	nq	87
52) Acenaphthene	9.69	154	1498076	47.203	nq	100
53) 3-Nitroaniline	9.62	138	305873	27.566	nq	97
54) 2,4-Dinitrophenol	9.74	184	387107	88.137	nq	93
55) Dibenzofuran	9.86	168	2140077	46.826	nq	98
56) 4-Nitrophenol	9.82	139	570154	95.630	nq	86
57) 2,4-Dinitrotoluene	9.86	165	517182	47.384	nq	98
58) Fluorene	10.20	166	1682203	48.331	nq	100
59) 2,3,4,6-Tetrachlorophenol	9.99	232	451996	46.853	nq	99
60) Diethylphthalate	10.09	149	1944029	48.301	nq	99
61) 4-Chlorophenyl-phenylether	10.20	204	819534	45.287	nq	96
62) 4-Nitroaniline	10.25	138	504354	48.813	nq	99
63) Azobenzene	10.36	77	1923821	50.575	nq	95
65) 4,6-Dinitro-2-methylphenol	10.27	198	328492	47.213	nq	92
66) n-Nitrosodiphenylamine	10.32	169	1657526	43.548	nq	99
67) 4-Bromophenyl-phenylether	10.69	248	537203	40.240	nq	98
68) Hexachlorobenzene	10.75	284	583049	41.746	nq	95
69) Atrazine	10.86	200	444907	39.064	nq	99
70) Pentachlorophenol	10.95	266	553679	93.211	nq	99
71) Phenanthrene	11.16	178	2666142	46.119	nq	99
72) Anthracene	11.22	178	2997156	48.429	nq	100
73) Carbazole	11.37	167	2828532	48.915	nq	99
74) Di-n-butylphthalate	11.71	149	3268578	46.902	nq	99
75) Fluoranthene	12.35	202	2907508	46.924	nq	99
77) Benzidine	12.48	184	1799104	74.779	nq	96
78) Pyrene	12.57	202	2856455	48.633	nq	99
80) Butylbenzylphthalate	13.20	149	1501290	54.281	nq	96
81) Benzo(a)anthracene	13.77	228	2061444	47.439	nq	99
82) 3,3'-Dichlorobenzidine	13.73	252	541297	33.055	nq	98
83) Chrysene	13.80	228	2197849	47.101	nq	99
84) Bis(2-ethylhexyl)phthalate	13.76	149	1597512	46.425	nq	100
85) Di-n-octyl phthalate	14.37	149	3065992	49.528	nq	99
86) Indeno(1,2,3-cd)pyrene	16.50	276	2305636	54.442	nq	100
88) Benzo(b)fluoranthene	14.78	252	2158068	50.058	nq	99
89) Benzo(k)fluoranthene	14.81	252	1910259	51.144	nq	99
90) Benzo(a)pyrene	15.11	252	1870033	48.367	nq	99
91) Dibenzo(a,h)anthracene	16.51	278	1891511	55.223	nq	99
92) Benzo(g,h,i)perylene	16.89	276	1957947	56.687	nq	100

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.62 min Scan# 770

Delta R.T. -0.00 min

Lab File: BF120321.D

Acq: 15 May 2020 15:03

Instrument :

BNA_F

ClientSampleId :

TP-B-DMS

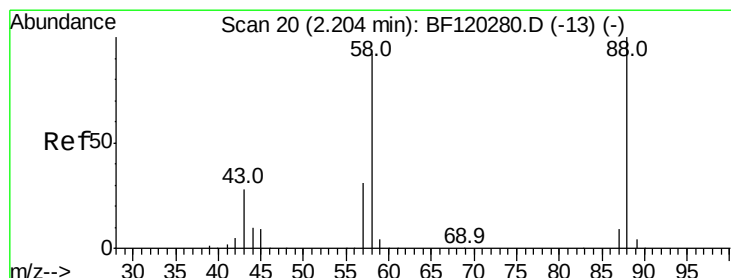
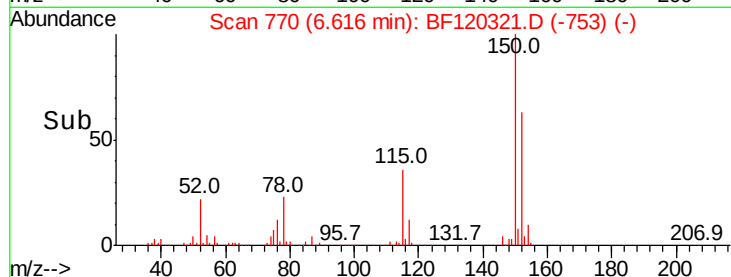
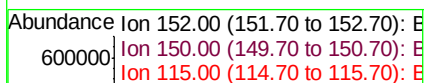
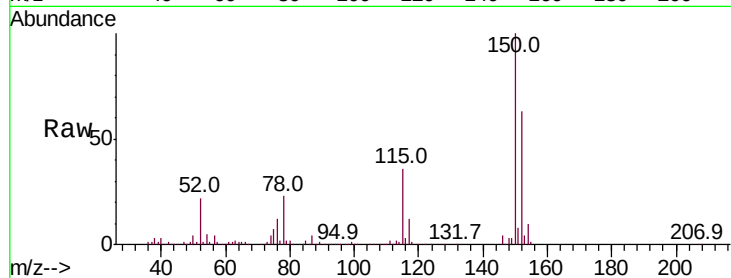
Tot Ion:152 Resp: 286603

Ion Ratio Lower Upper

152 100

150 159.6 126.2 189.2

115 58.1 47.9 71.9



#2

1,4-Dioxane

Concen: 56.787 ng

RT: 2.25 min Scan# 28

Delta R.T. 0.05 min

Lab File: BF120321.D

Acq: 15 May 2020 15:03

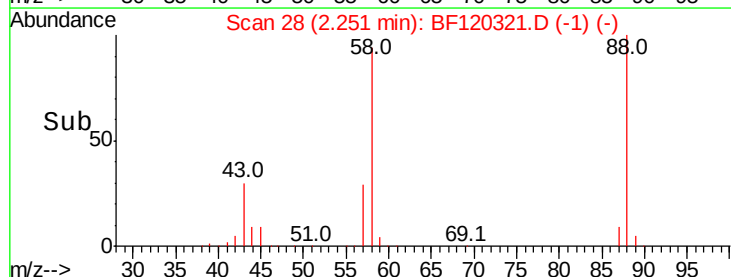
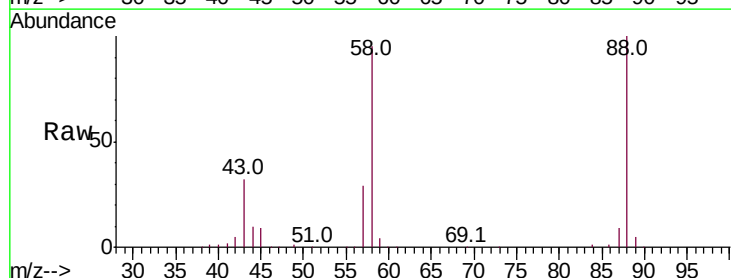
Tgt Ion: 88 Resp: 332745

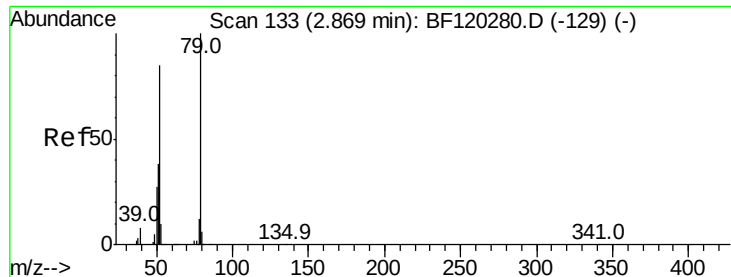
Ion Ratio Lower Upper

88 100

58 94.4 75.8 113.6

43 28.7 23.6 35.4





#3

Pvridine

Concen: 43.339 ng

RT: 2.92 min Scan# 142

Delta R.T. 0.06 min

Lab File: BF120321.D

Acq: 15 May 2020 15:03

Instrument :

BNA_F

ClientSampleId :

TP-B-DMS

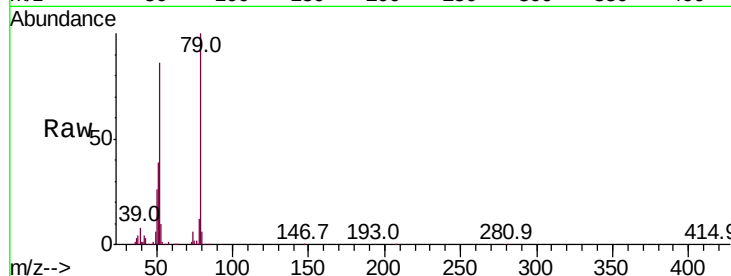
Tot Ion: 79 Resp: 798271

Ion Ratio Lower Upper

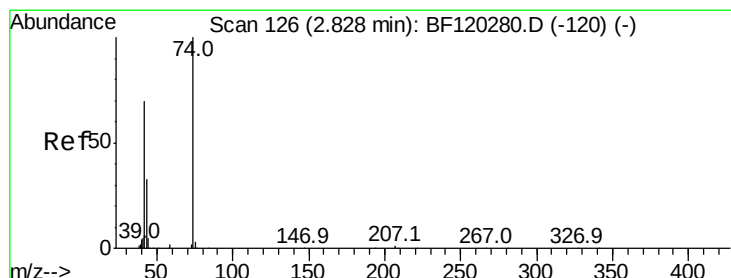
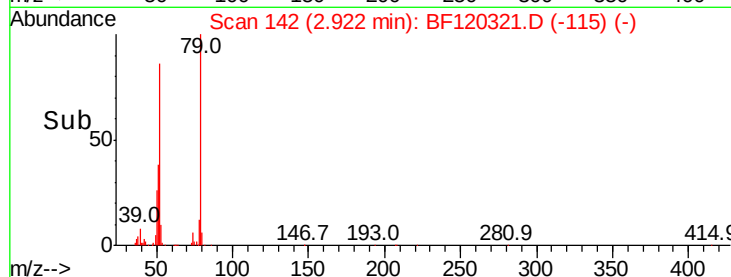
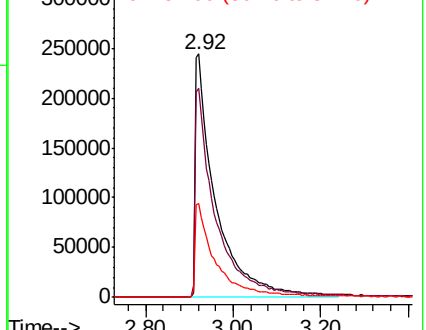
79 100

52 86.0 68.4 102.6

51 38.6 31.0 46.4



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: 55.329 ng

RT: 2.87 min Scan# 134

Delta R.T. 0.05 min

Lab File: BF120321.D

Acq: 15 May 2020 15:03

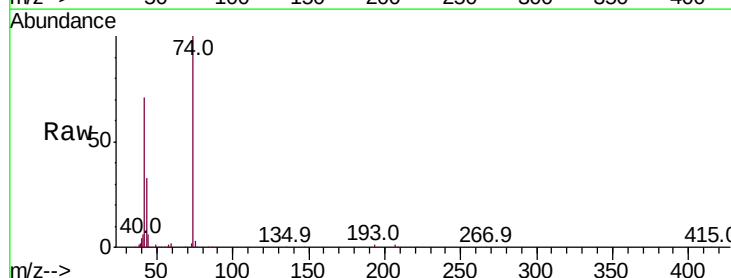
Tgt Ion: 42 Resp: 399042

Ion Ratio Lower Upper

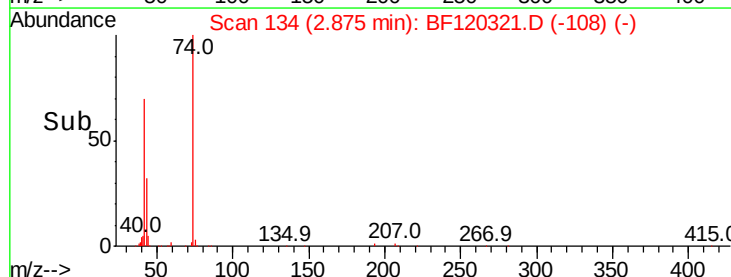
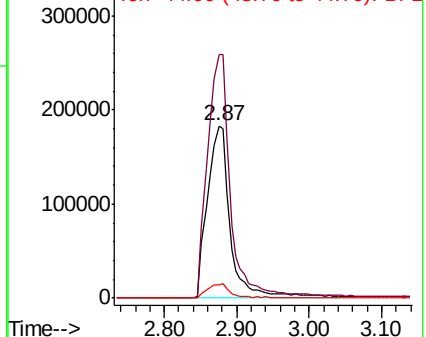
42 100

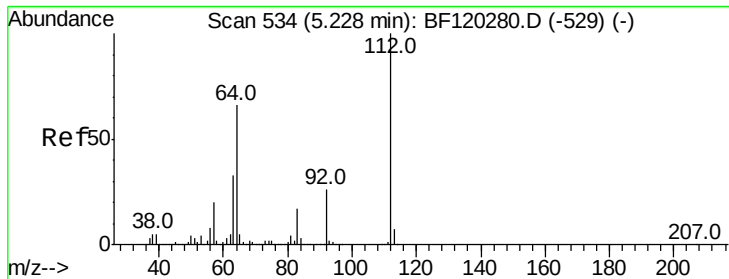
74 141.4 114.8 172.2

44 7.8 5.6 8.4



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: 126.770 ng

RT: 5.23 min Scan# 535

Delta R.T. 0.01 min

Lab File: BF120321.D

Acq: 15 May 2020 15:03

Instrument :

BNA_F

ClientSampleId :

TP-B-DMS

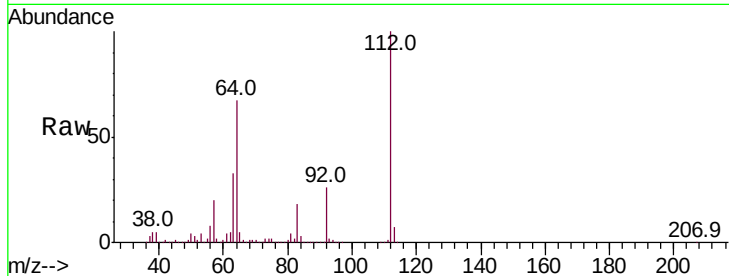
Tot Ion:112 Resp: 1867328

Ion Ratio Lower Upper

112 100

64 66.5 52.7 79.1

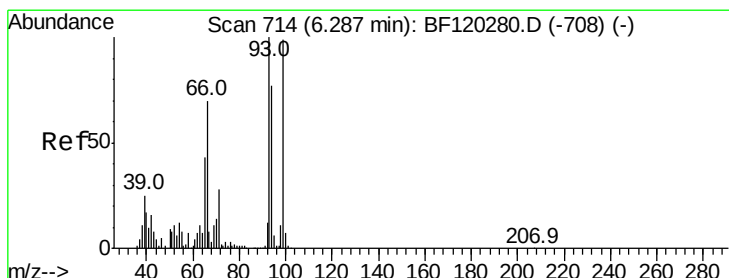
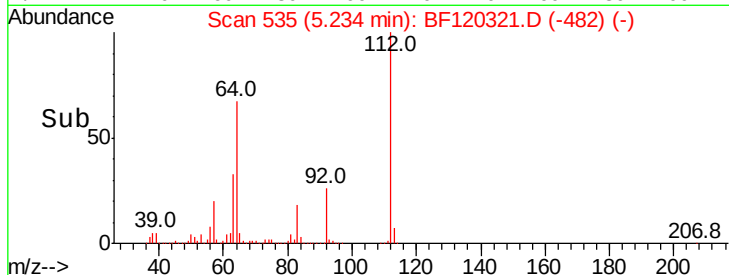
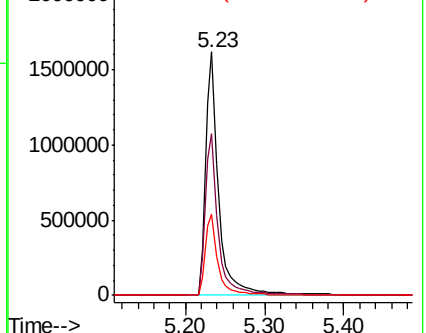
63 33.3 26.2 39.4



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 39.445 ng

RT: 6.28 min Scan# 713

Delta R.T. -0.00 min

Lab File: BF120321.D

Acq: 15 May 2020 15:03

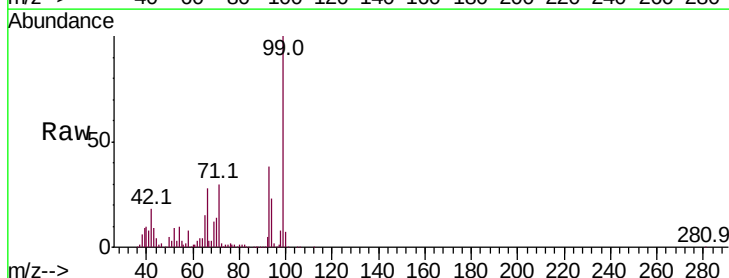
Tgt Ion: 93 Resp: 939686

Ion Ratio Lower Upper

93 100

66 73.2 56.2 84.4

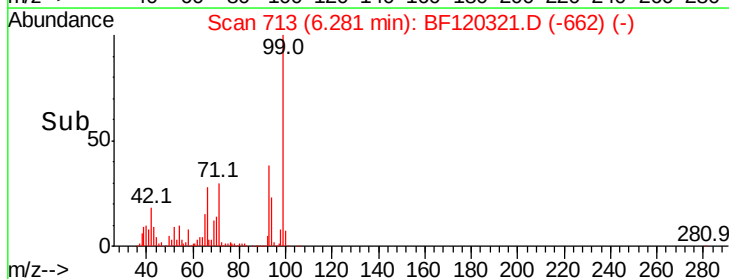
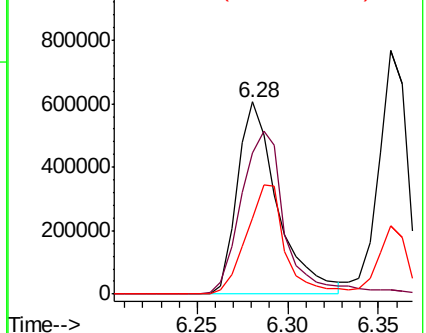
65 39.3 34.2 51.2

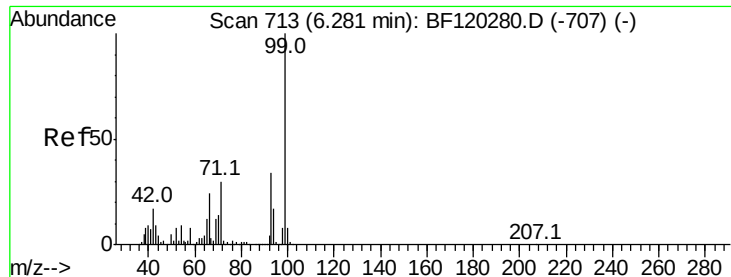


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 120.750 ng

RT: 6.28 min Scan# 713

Delta R.T. 0.01 min

Lab File: BF120321.D

Acq: 15 May 2020 15:03

Instrument :

BNA_F

ClientSampleId :

TP-B-DMS

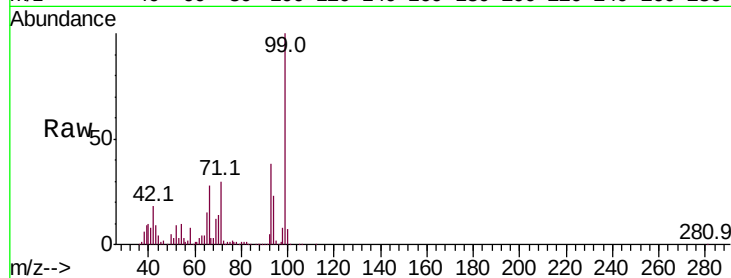
Tot Ion: 99 Resp: 2249261

Ion Ratio Lower Upper

99 100

42 17.6 13.6 20.4

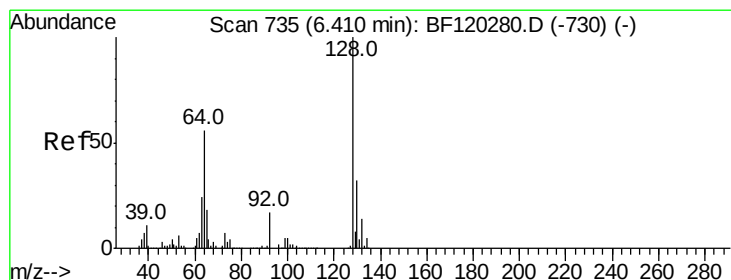
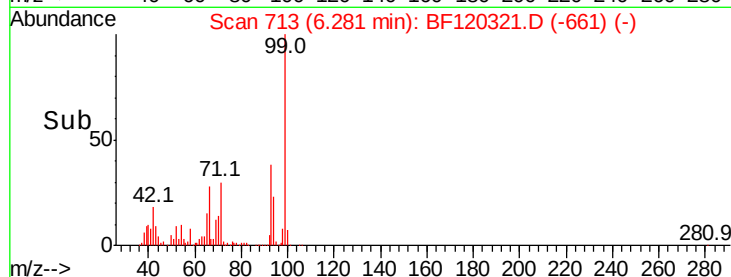
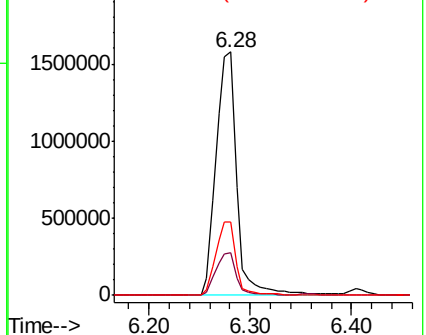
71 30.3 24.2 36.4



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 50.456 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.00 min

Lab File: BF120321.D

Acq: 15 May 2020 15:03

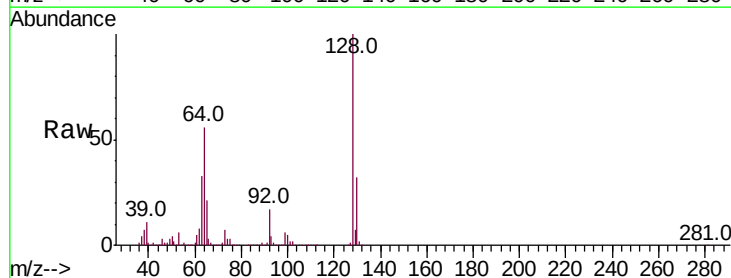
Tgt Ion: 128 Resp: 866573

Ion Ratio Lower Upper

128 100

130 32.4 12.4 52.4

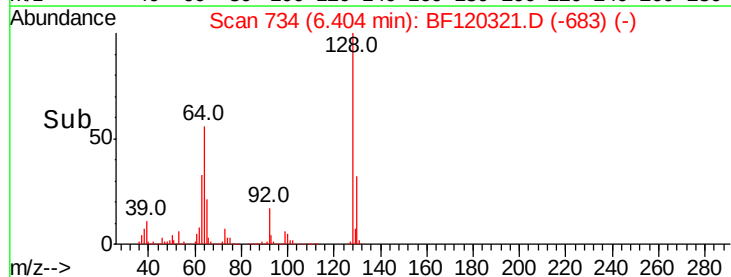
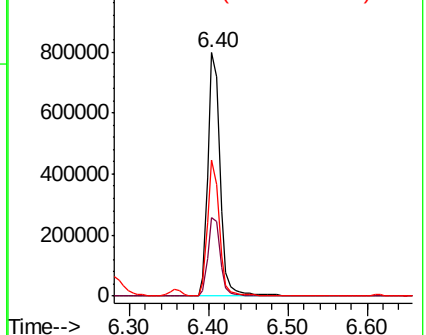
64 55.7 36.7 76.7

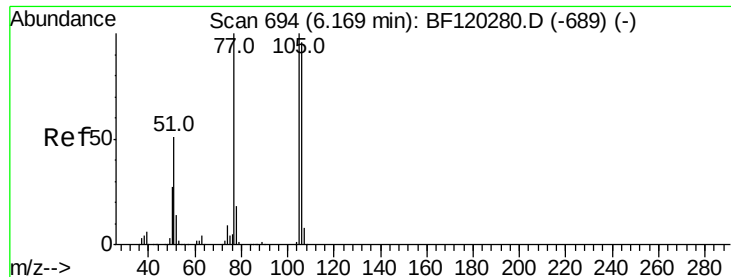


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 47.359 ng

RT: 6.16 min Scan# 693

Delta R.T. -0.00 min

Lab File: BF120321.D

Acq: 15 May 2020 15:03

Instrument :

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ClientSampleId :

TP-B-DMS

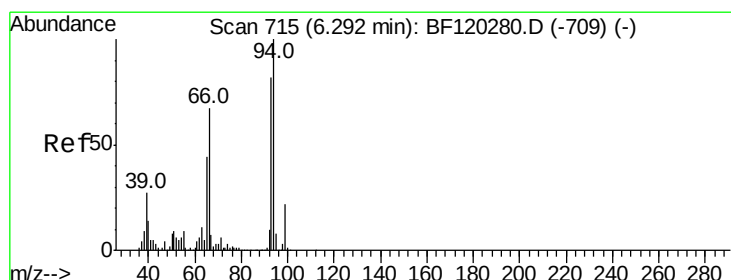
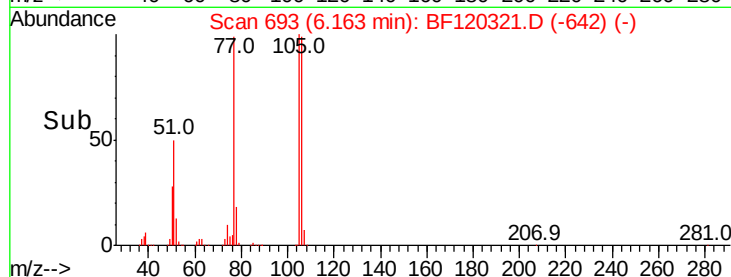
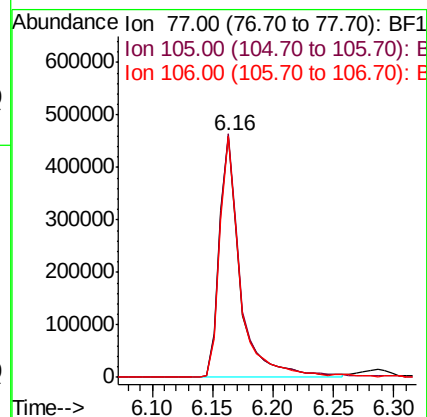
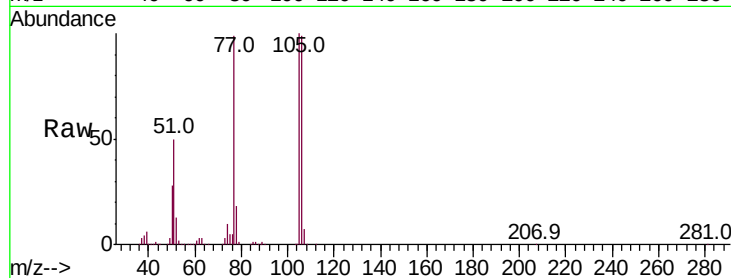
Tot Ion: 77 Resp: 543836

Ion Ratio Lower Upper

77 100

105 100.8 79.9 119.9

106 99.7 75.7 115.7



#10

Phenol

Concen: 50.368 ng

RT: 6.29 min Scan# 715

Delta R.T. 0.01 min

Lab File: BF120321.D

Acq: 15 May 2020 15:03

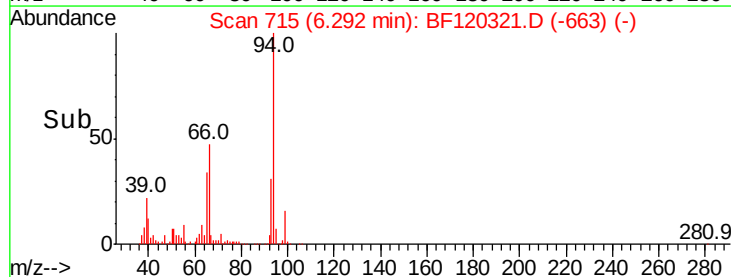
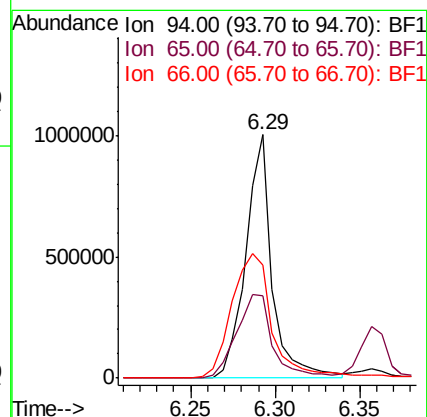
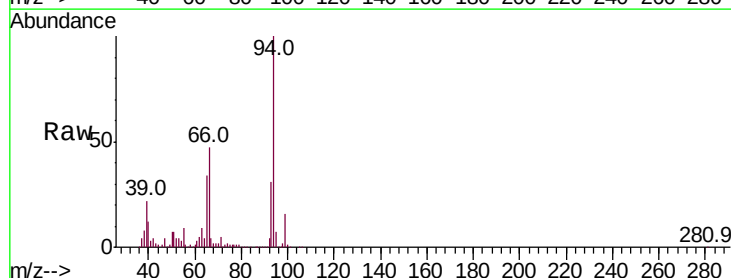
Tgt Ion: 94 Resp: 1095240

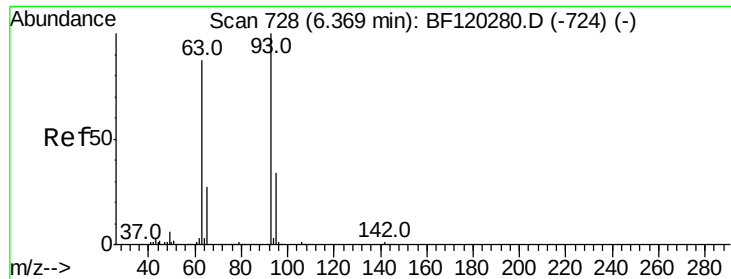
Ion Ratio Lower Upper

94 100

65 33.8 24.1 64.1

66 46.7 47.5 87.5#





#11

bis(2-Chloroethyl)ether

Concen: 46.268 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF120321.D

Acq: 15 May 2020 15:03

Instrument :

BNA_F

ClientSampleId :

TP-B-DMS

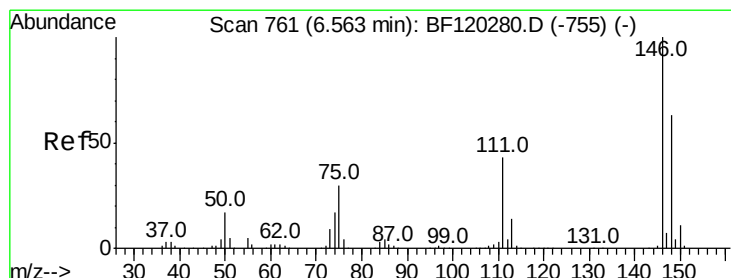
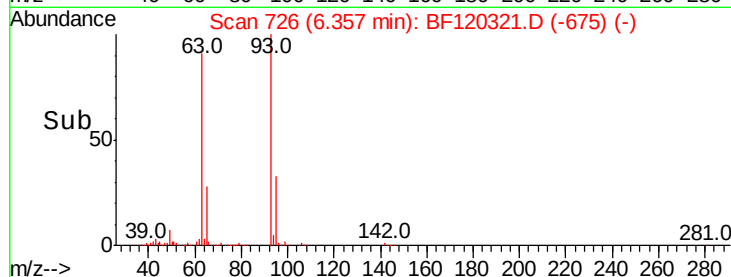
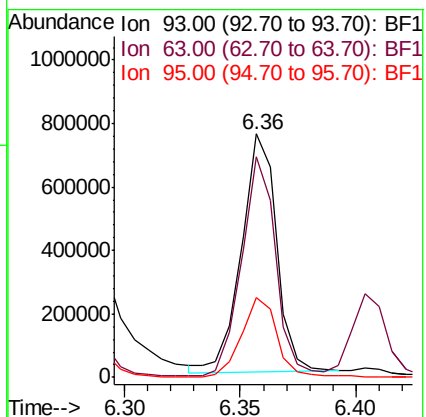
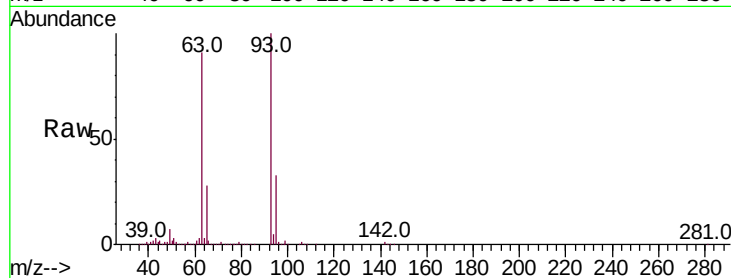
Tot Ion: 93 Resp: 803661

Ion Ratio Lower Upper

93 100

63 90.6 65.4 105.4

95 32.9 12.9 52.9



#12

1,3-Dichlorobenzene

Concen: 44.659 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.01 min

Lab File: BF120321.D

Acq: 15 May 2020 15:03

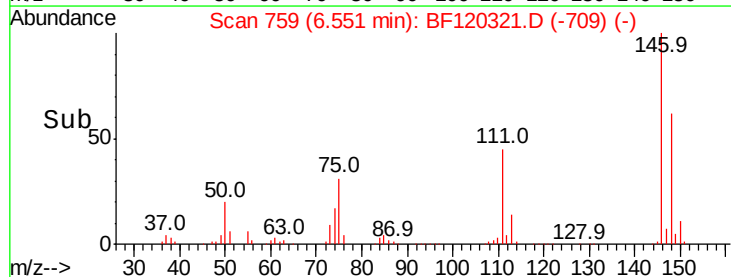
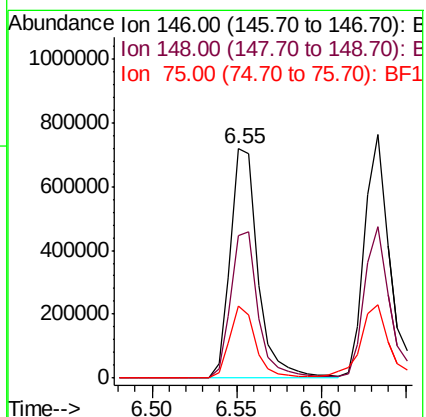
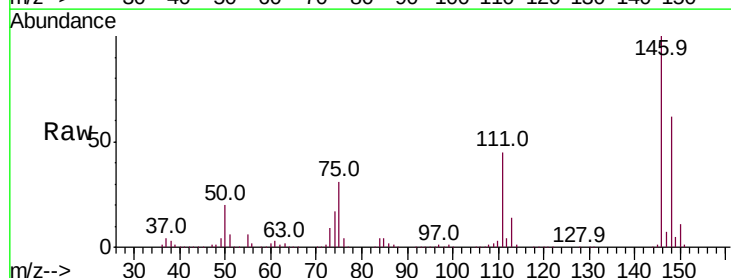
Tgt Ion: 146 Resp: 820743

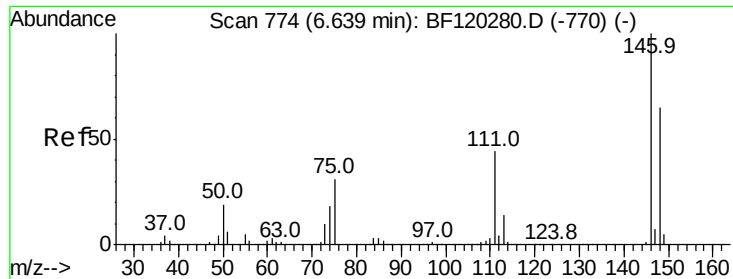
Ion Ratio Lower Upper

146 100

148 62.2 50.5 75.7

75 31.3 24.2 36.4

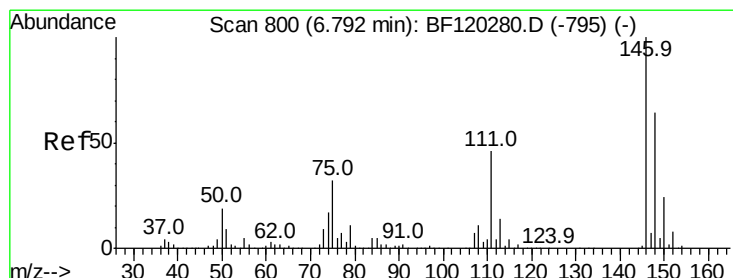
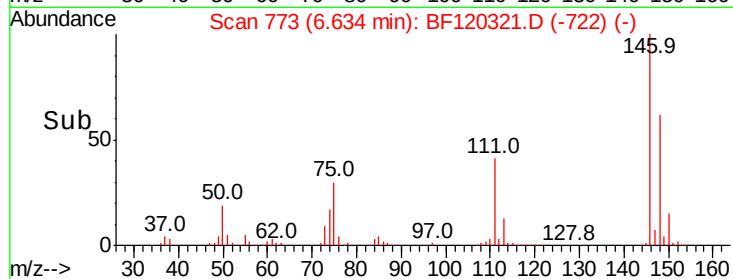
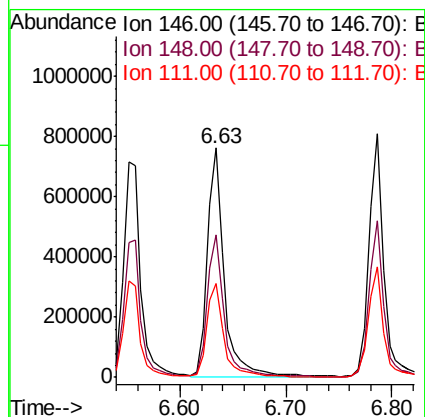
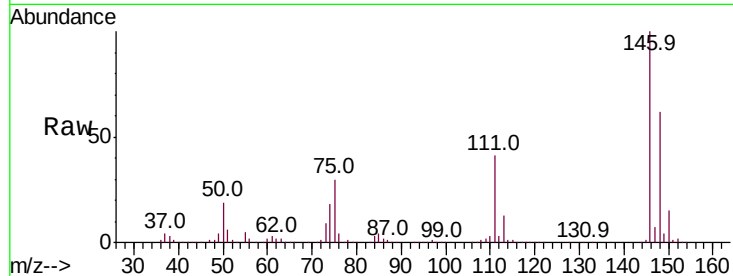




#13
 1,4-Dichlorobenzene
 Concen: 44.882 ng
 RT: 6.63 min Scan# 773
 Delta R.T. -0.00 min
 Lab File: BF120321.D
 Acq: 15 May 2020 15:03

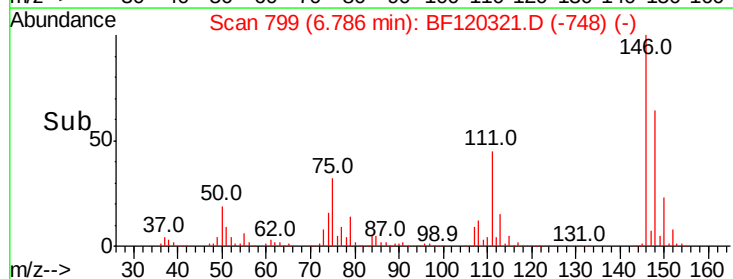
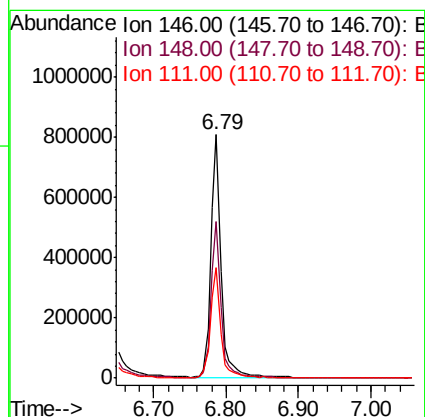
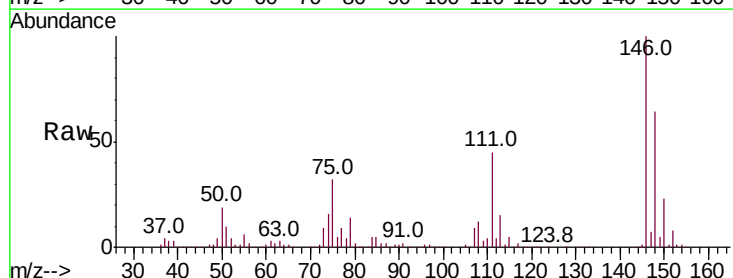
Instrument :
 BNA_F
 ClientSampleID :
 TP-B-DMS

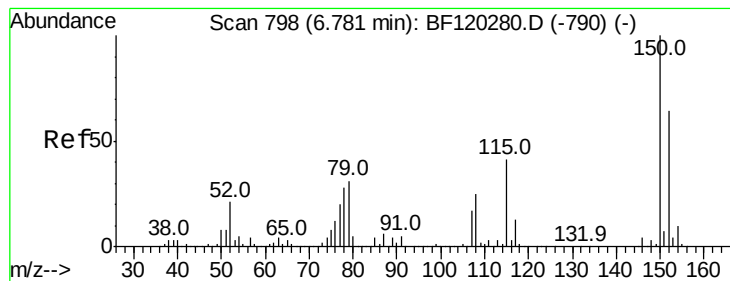
Tot Ion	Ratio	Lower	Upper
146	100		
148	62.4	51.6	77.4
111	40.9	35.1	52.7



#14
 1,2-Dichlorobenzene
 Concen: 46.505 ng
 RT: 6.79 min Scan# 799
 Delta R.T. -0.00 min
 Lab File: BF120321.D
 Acq: 15 May 2020 15:03

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.1	76.7
111	45.2	36.6	55.0





#15

Benzyl Alcohol

Concen: 51.019 ng

RT: 6.77 min Scan# 797

Delta R.T. -0.00 min

Lab File: BF120321.D

Acq: 15 May 2020 15:03

Instrument :

BNA_F

ClientSampleId :

TP-B-DMS

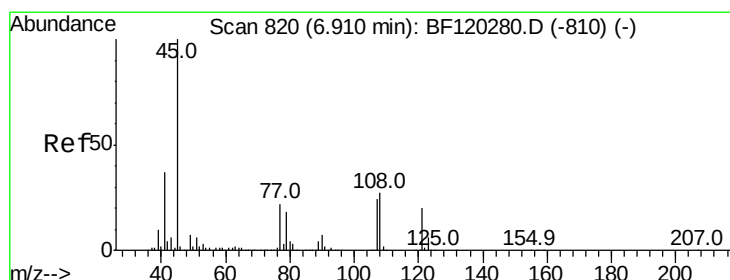
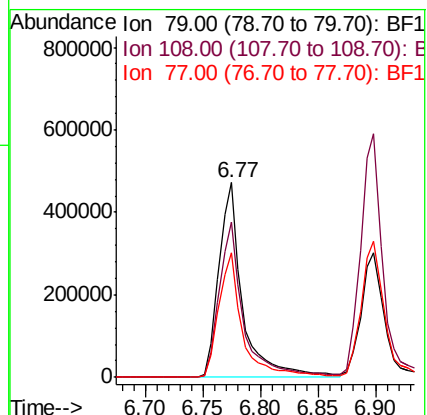
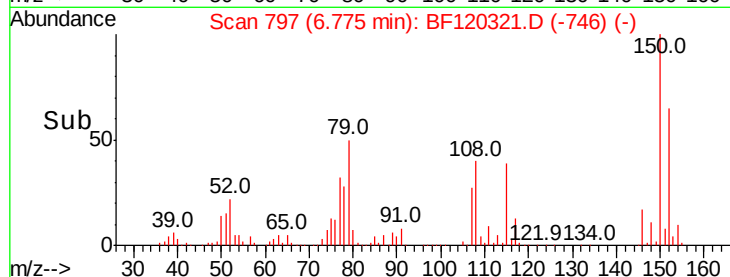
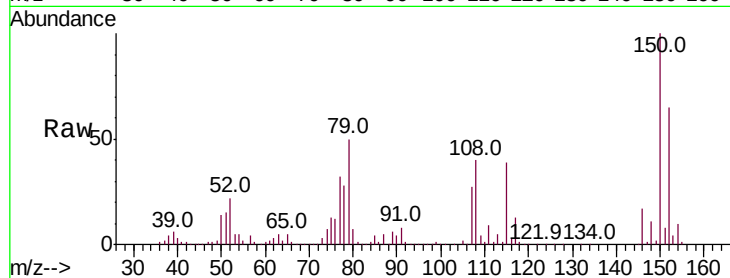
Tot Ion: 79 Resp: 675171

Ion Ratio Lower Upper

79 100

108 79.6 64.2 96.4

77 63.8 51.6 77.4



#16

2,2'-oxybis(1-chloropropane)

Concen: 47.269 ng

RT: 6.90 min Scan# 818

Delta R.T. -0.01 min

Lab File: BF120321.D

Acq: 15 May 2020 15:03

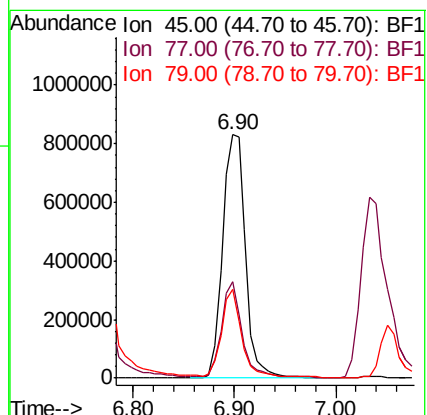
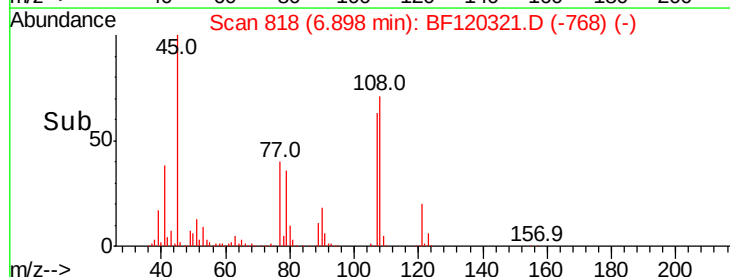
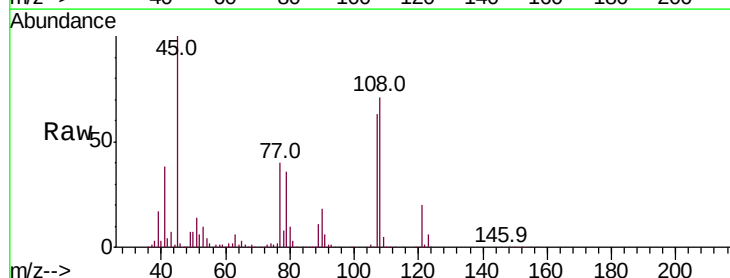
Tgt Ion: 45 Resp: 1293916

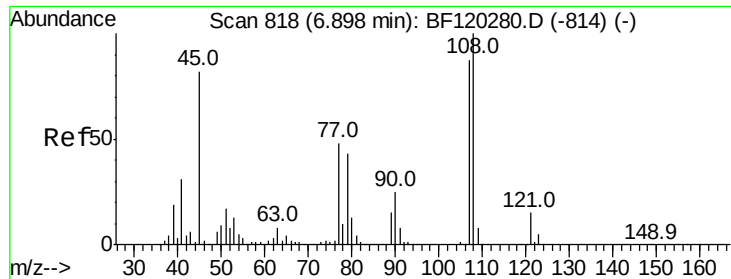
Ion Ratio Lower Upper

45 100

77 39.8 3.1 43.1

79 36.4 0.0 40.0

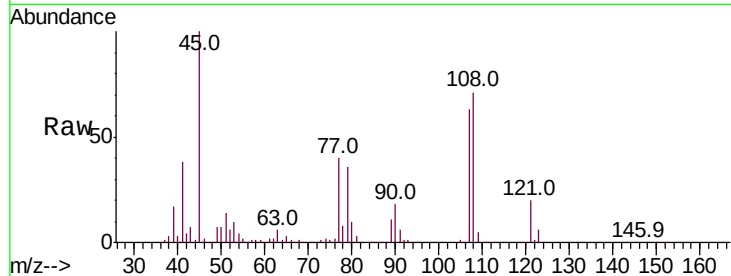




#17
2-Methylphenol
Concen: 47.475 ng
RT: 6.90 min Scan# 818
Delta R.T. 0.01 min
Lab File: BF120321.D
Acq: 15 May 2020 15:03

Instrument :
BNA_F
ClientSampleId :
TP-B-DMS

Tot Ion:	107	Resp:	688327
Ion	Ratio	Lower	Upper
107	100		
108	113.3	92.4	138.6
77	63.5	44.5	66.7
79	58.0	40.4	60.6



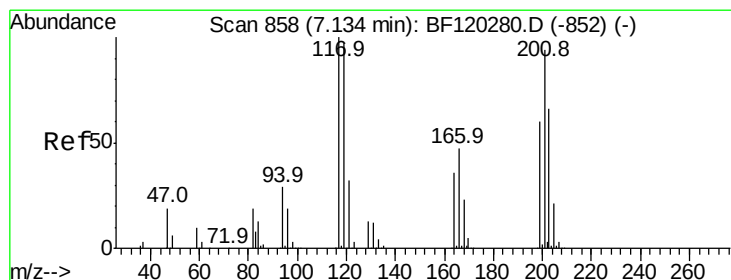
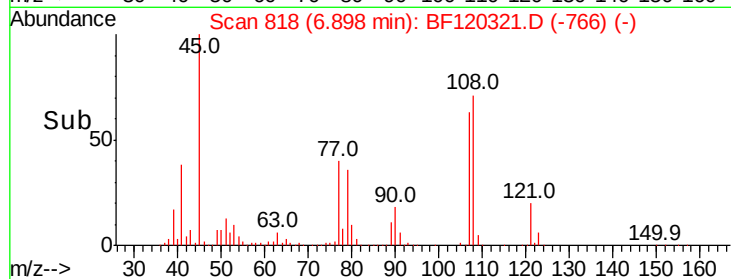
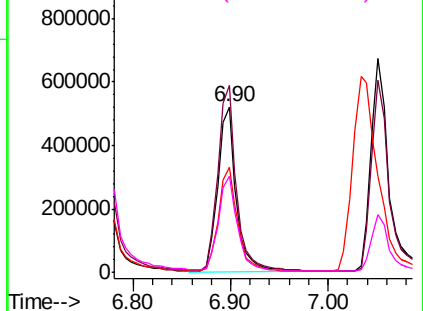
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

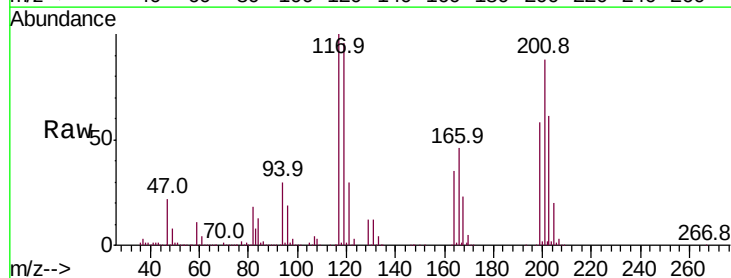
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 43.954 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.00 min
Lab File: BF120321.D
Acq: 15 May 2020 15:03

Tgt Ion:	117	Resp:	316939
Ion	Ratio	Lower	Upper
117	100		
119	96.1	77.4	116.0
201	87.7	74.9	112.3

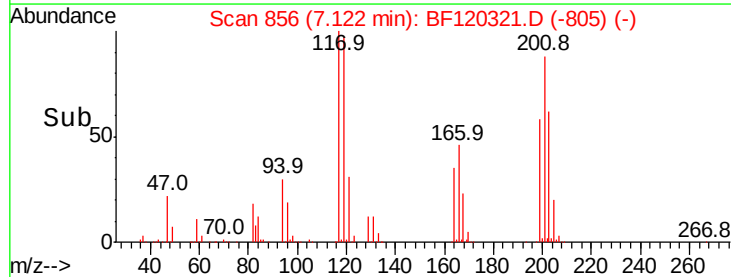
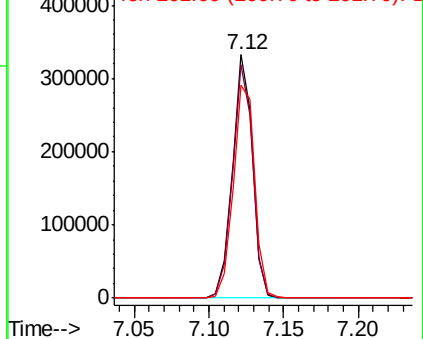


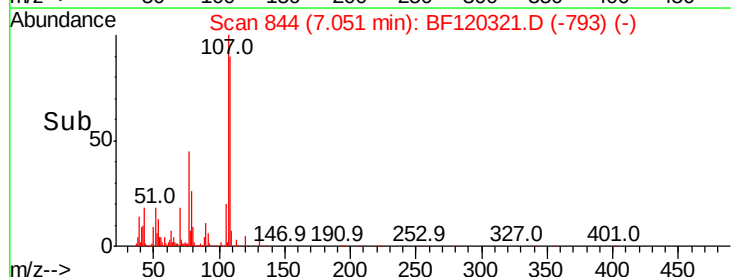
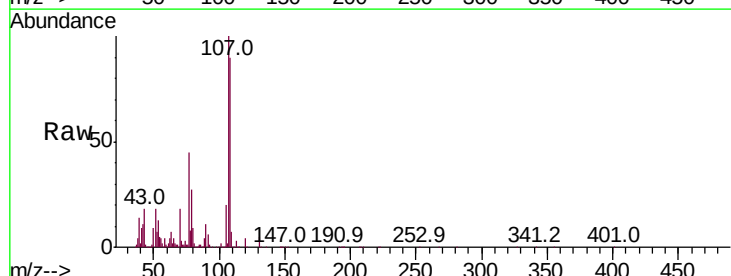
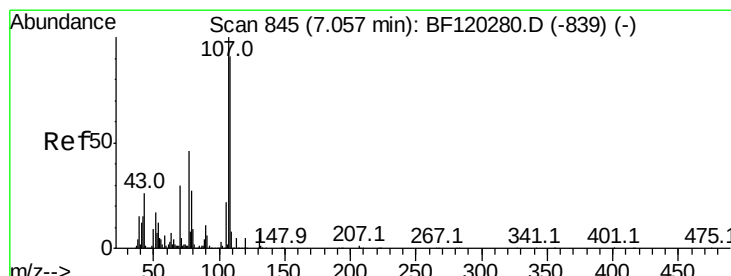
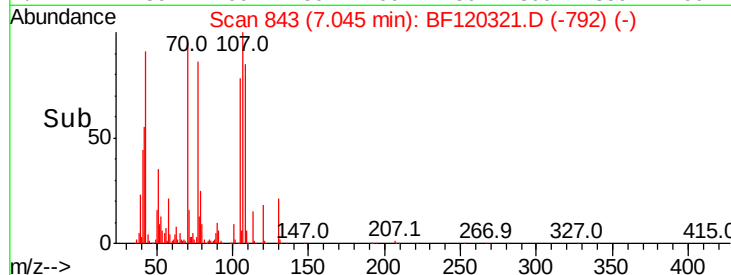
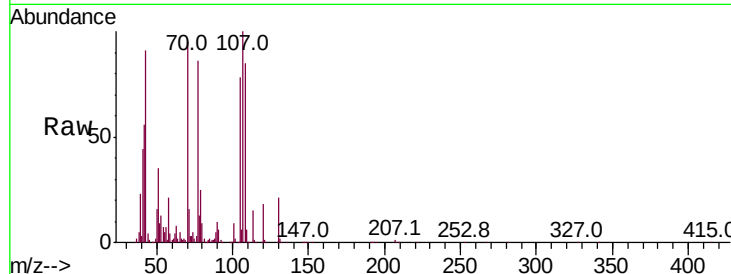
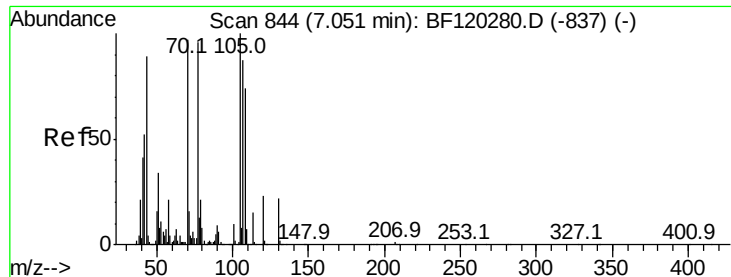
Abundance

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

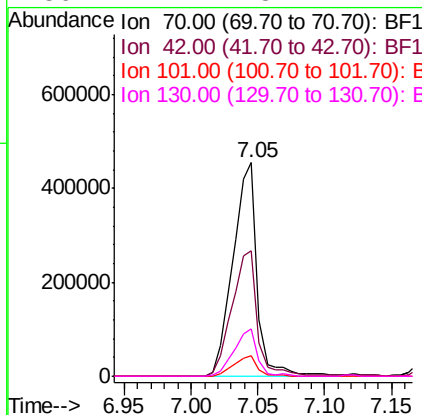




#19
n-Nitroso-di-n-propylamine
Concen: 47.427 ng
RT: 7.05 min Scan# 843
Delta R.T. -0.00 min
Lab File: BF120321.D
Acq: 15 May 2020 15:03

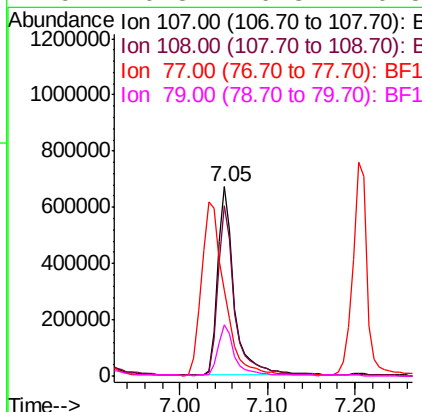
Instrument :
BNA_F
ClientSampleId :
TP-B-DMS

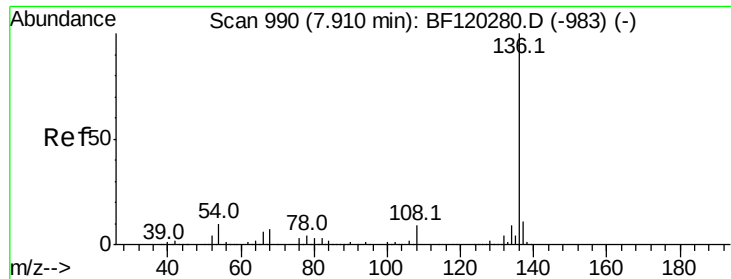
Tot Ion:	70	Resp:	578779
Ion	Ratio	Lower	Upper
70	100		
42	58.5	43.4	65.0
101	9.5	7.8	11.8
130	22.1	18.2	27.4



#20
3+4-Methylphenols
Concen: 47.256 ng
RT: 7.05 min Scan# 844
Delta R.T. -0.00 min
Lab File: BF120321.D
Acq: 15 May 2020 15:03

Tgt Ion:	107	Resp:	890792
Ion	Ratio	Lower	Upper
107	100		
108	90.1	71.1	111.1
77	45.1	28.1	68.1
79	26.8	6.8	46.8

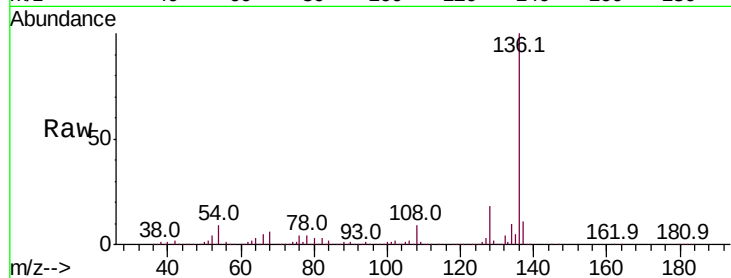




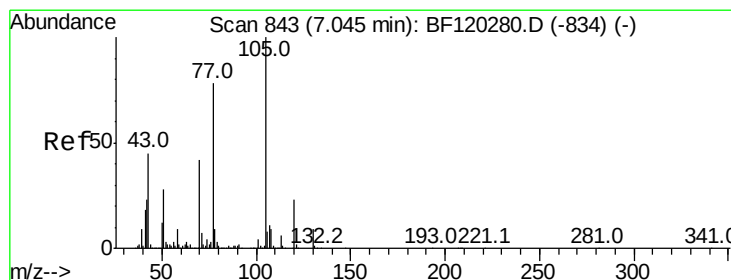
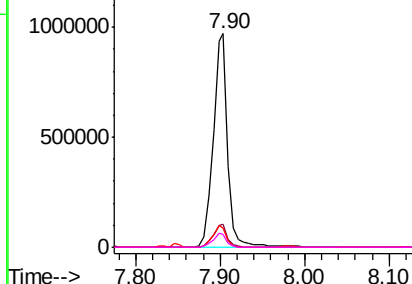
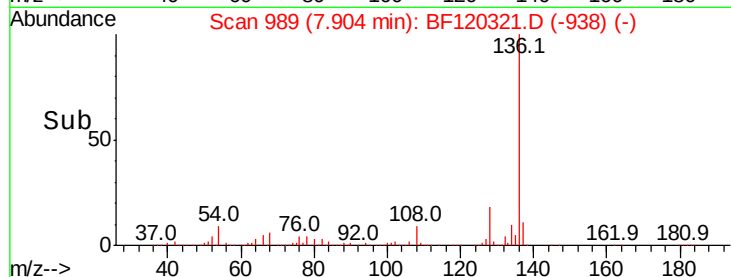
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.90 min Scan# 989
Delta R.T. -0.00 min
Lab File: BF120321.D
Acq: 15 May 2020 15:03

Instrument :
BNA_F
ClientSampleId :
TP-B-DMS

Tot Ion:136 Resp: 1176878
Ion Ratio Lower Upper
136 100
137 11.1 9.1 13.7
54 9.2 7.9 11.9
68 6.2 5.4 8.2

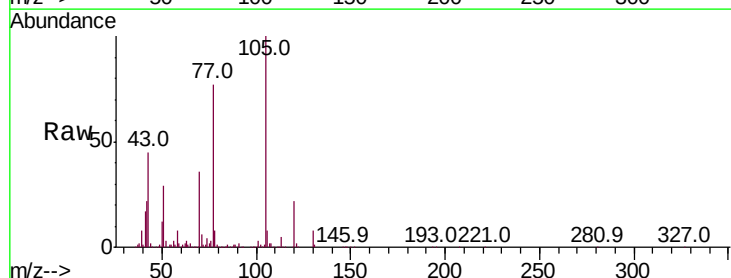


Abundance Ion 136.00 (135.70 to 136.70): E
1500000 Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

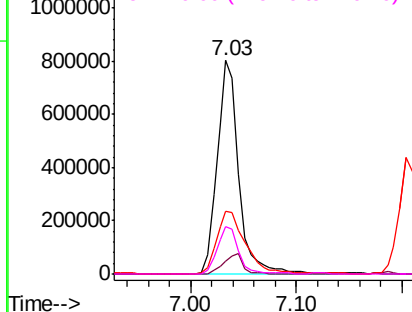
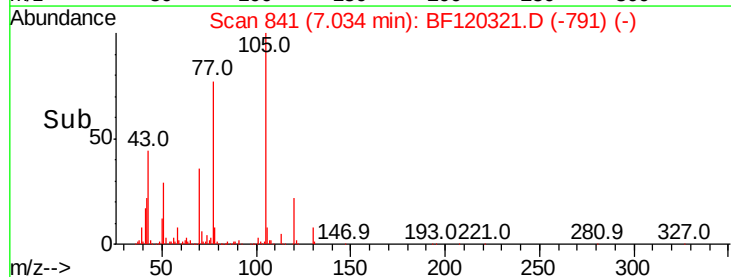


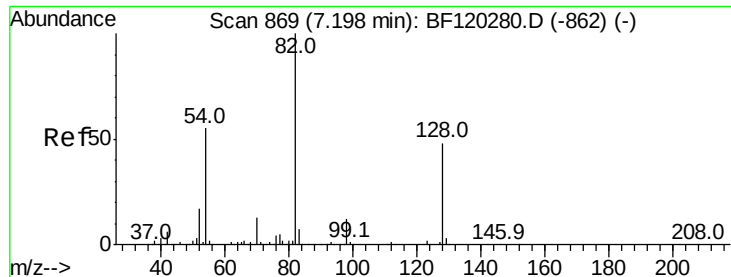
#22
Acetophenone
Concen: 47.736 ng
RT: 7.03 min Scan# 841
Delta R.T. -0.01 min
Lab File: BF120321.D
Acq: 15 May 2020 15:03

Tgt Ion:105 Resp: 1150896
Ion Ratio Lower Upper
105 100
71 6.3 5.6 8.4
51 29.4 22.6 34.0
120 22.0 18.7 28.1



Abundance Ion 105.00 (104.70 to 105.70): E
1200000 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

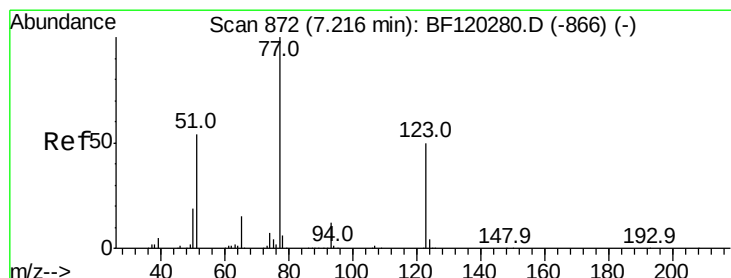
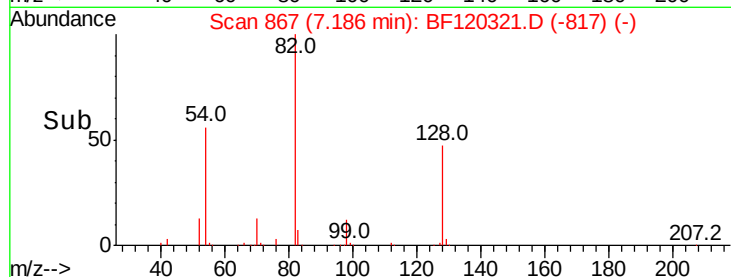
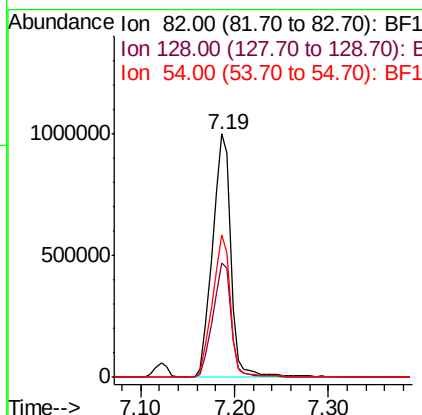
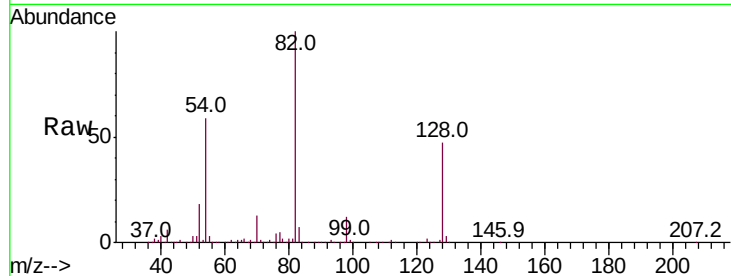




#23
 Nitrobenzene-d5
 Concen: 81.105 ng
 RT: 7.19 min Scan# 867
 Delta R.T. -0.01 min
 Lab File: BF120321.D
 Acq: 15 May 2020 15:03

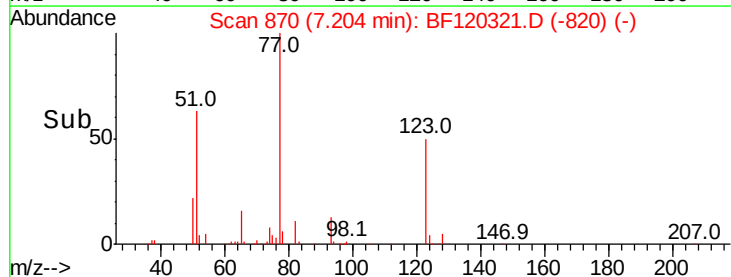
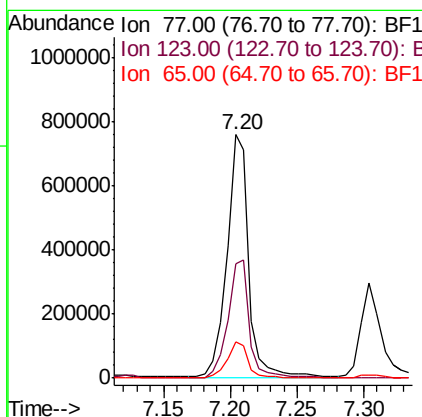
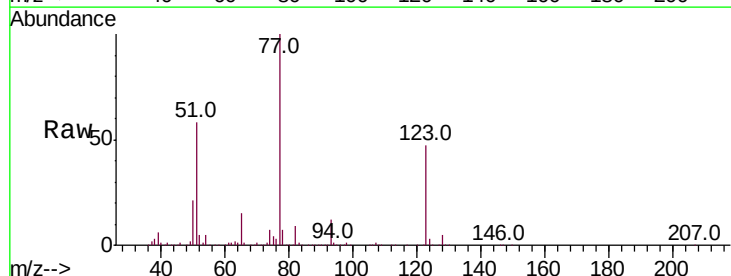
Instrument :
 BNA_F
 ClientSampled :
 TP-B-DMS

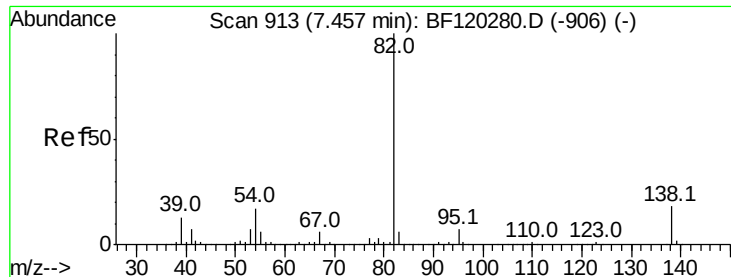
Tot Ion: 82 Resp: 1394115
 Ion Ratio Lower Upper
 82 100
 128 46.7 38.3 57.5
 54 58.8 43.9 65.9



#24
 Nitrobenzene
 Concen: 47.056 ng
 RT: 7.20 min Scan# 870
 Delta R.T. -0.01 min
 Lab File: BF120321.D
 Acq: 15 May 2020 15:03

Tgt Ion: 77 Resp: 870495
 Ion Ratio Lower Upper
 77 100
 123 46.9 40.0 60.0
 65 14.8 11.7 17.5





#25

Isophorone

Concen: 46.477 ng

RT: 7.45 min Scan# 912

Delta R.T. -0.00 min

Lab File: BF120321.D

Acq: 15 May 2020 15:03

Instrument :

BNA_F

ClientSampleId :

TP-B-DMS

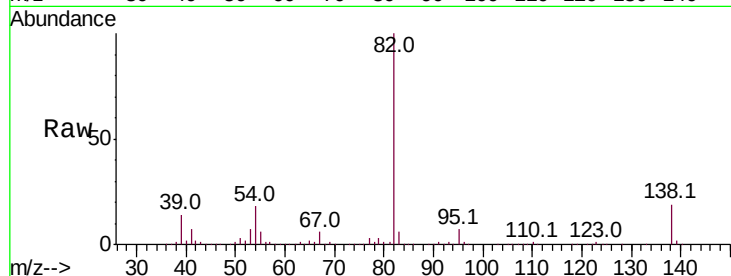
Tot Ion: 82 Resp: 1662273

Ion Ratio Lower Upper

82 100

95 6.6 5.4 8.0

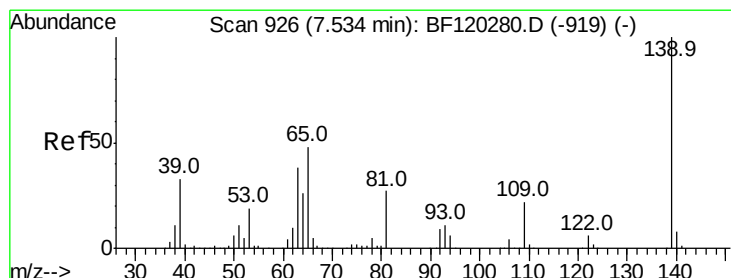
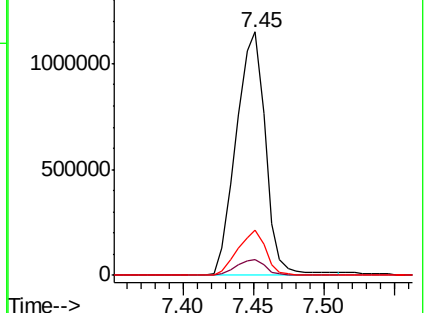
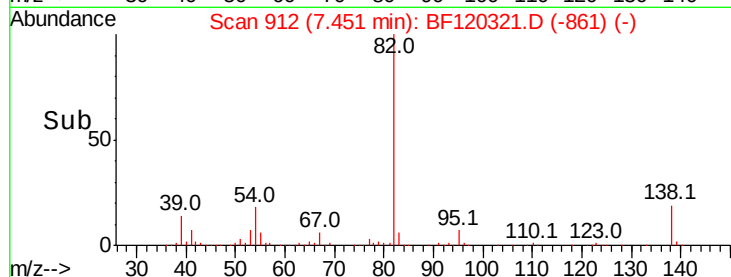
138 18.7 14.7 22.1



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: 48.877 ng

RT: 7.52 min Scan# 924

Delta R.T. -0.00 min

Lab File: BF120321.D

Acq: 15 May 2020 15:03

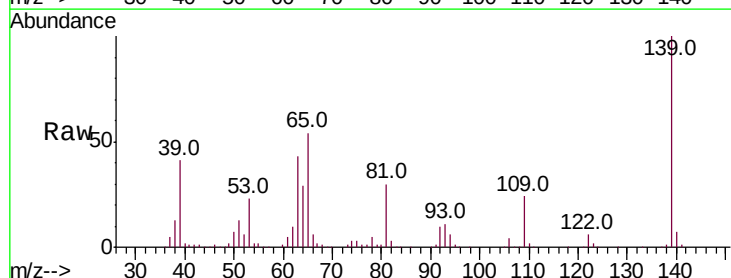
Tgt Ion: 139 Resp: 472886

Ion Ratio Lower Upper

139 100

109 24.1 17.7 26.5

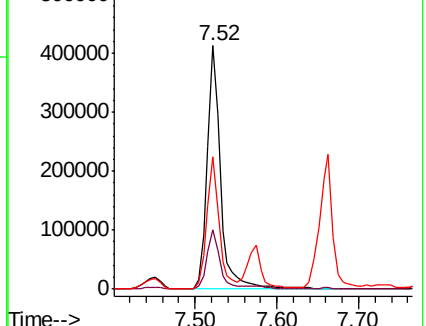
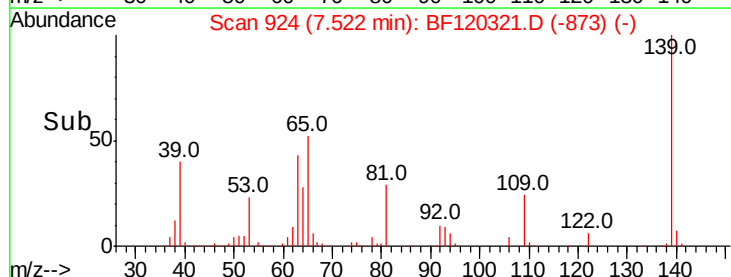
65 54.1 38.3 57.5

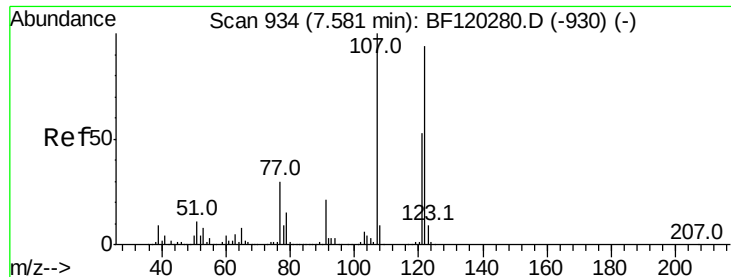


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

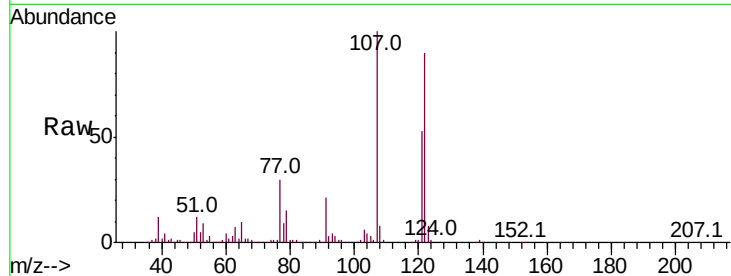




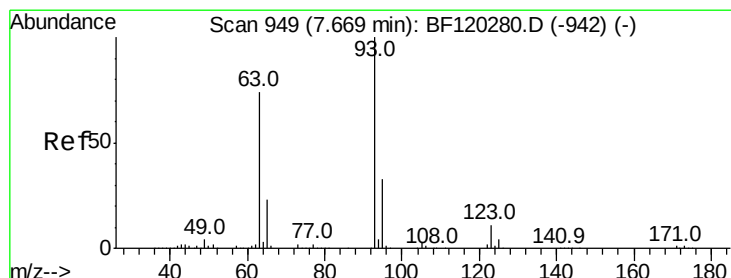
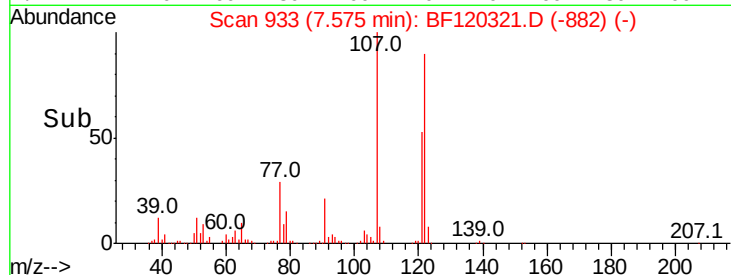
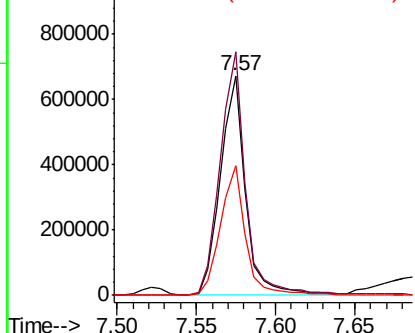
#27
2,4-Dimethylphenol
Concen: 52.347 ng
RT: 7.57 min Scan# 933
Delta R.T. -0.00 min
Lab File: BF120321.D
Acq: 15 May 2020 15:03

Instrument :
BNA_F
ClientSampleId :
TP-B-DMS

Tot Ion:122 Resp: 736734
Ion Ratio Lower Upper
122 100
107 111.0 85.0 127.6
121 59.0 45.1 67.7

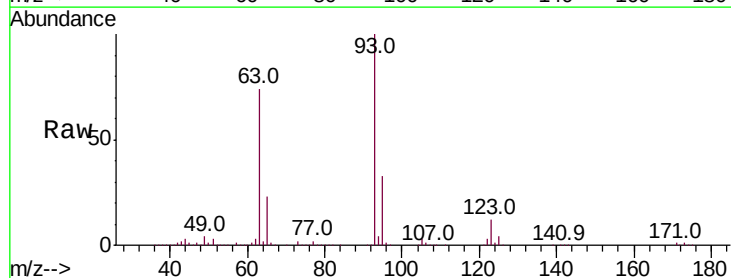


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

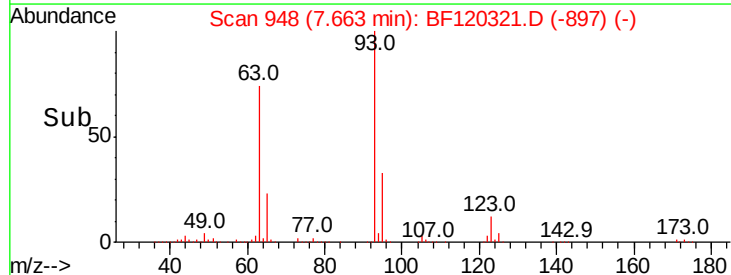
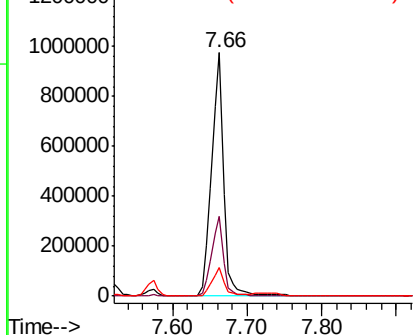


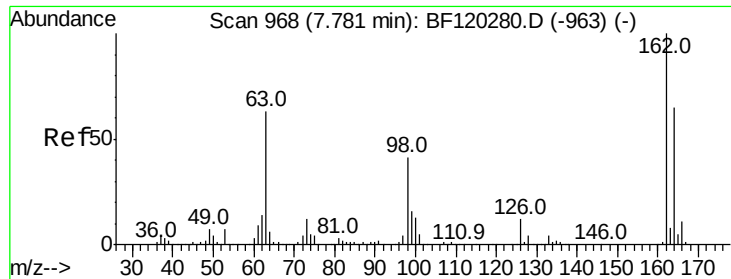
#28
bis(2-Chloroethoxy)methane
Concen: 48.614 ng
RT: 7.66 min Scan# 948
Delta R.T. -0.00 min
Lab File: BF120321.D
Acq: 15 May 2020 15:03

Tgt Ion: 93 Resp: 1092850
Ion Ratio Lower Upper
93 100
95 33.0 26.8 40.2
123 11.8 9.2 13.8



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

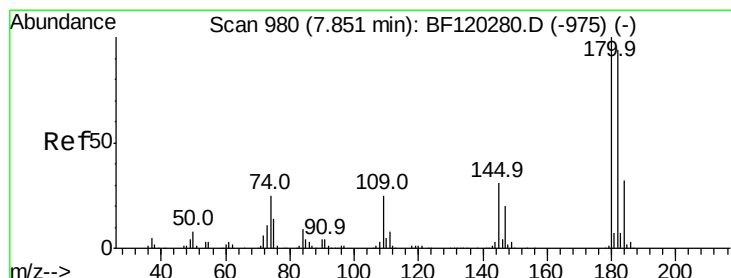
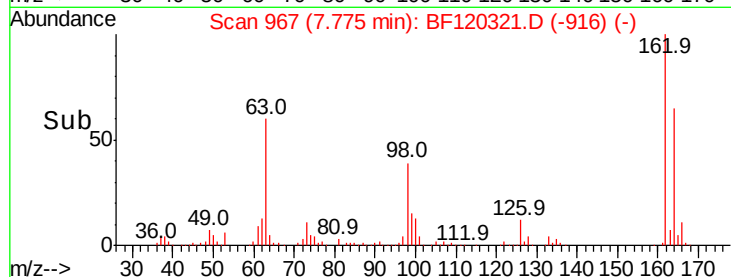
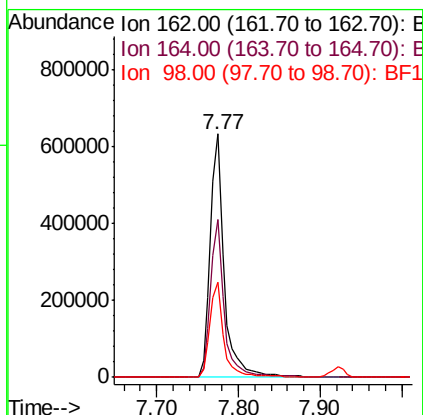
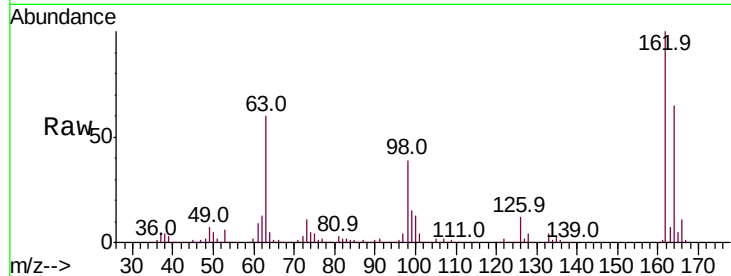




#29
 2,4-Dichlorophenol
 Concen: 52.235 ng
 RT: 7.77 min Scan# 967
 Delta R.T. -0.00 min
 Lab File: BF120321.D
 Acq: 15 May 2020 15:03

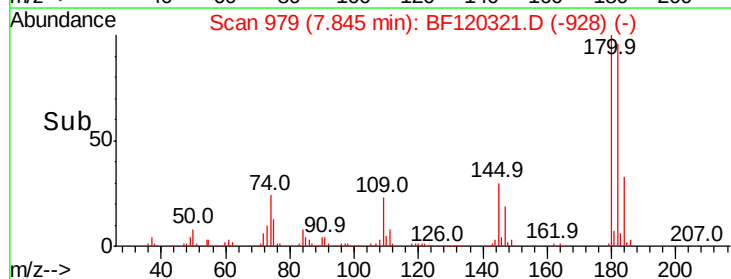
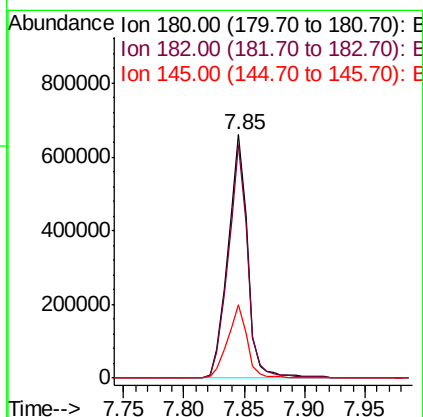
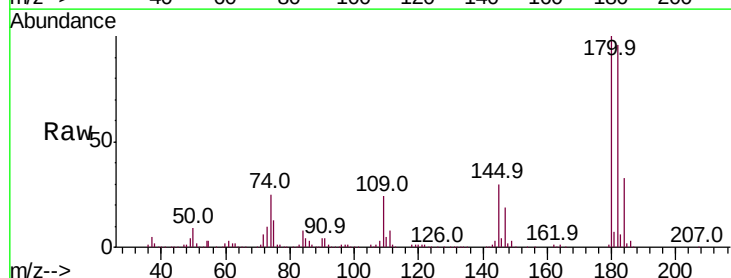
Instrument :
 BNA_F
 ClientSampleId :
 TP-B-DMS

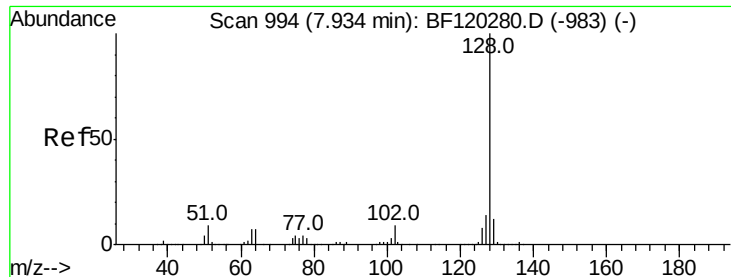
Tot Ion:162	Resp:	755039
Ion	Ratio	Lower Upper
162	100	
164	64.9	44.9 84.9
98	39.0	20.7 60.7



#30
 1,2,4-Trichlorobenzene
 Concen: 46.662 ng
 RT: 7.85 min Scan# 979
 Delta R.T. -0.00 min
 Lab File: BF120321.D
 Acq: 15 May 2020 15:03

Tgt Ion:180	Resp:	747434
Ion	Ratio	Lower Upper
180	100	
182	96.0	75.3 112.9
145	30.1	24.9 37.3

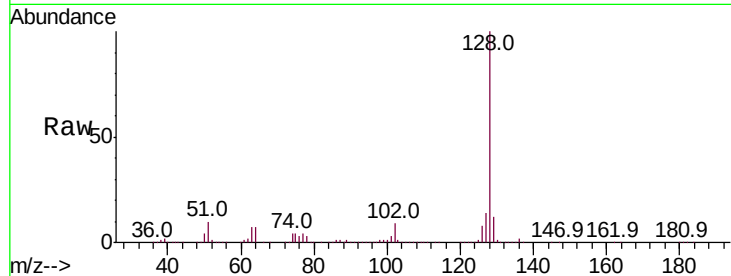




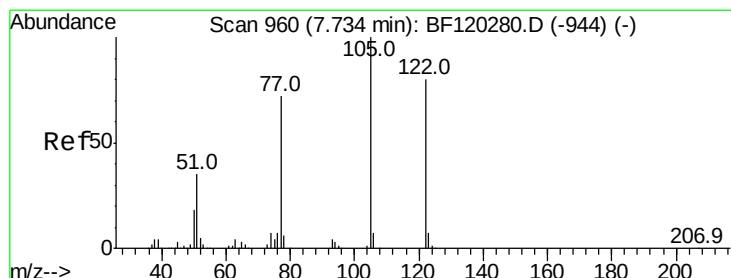
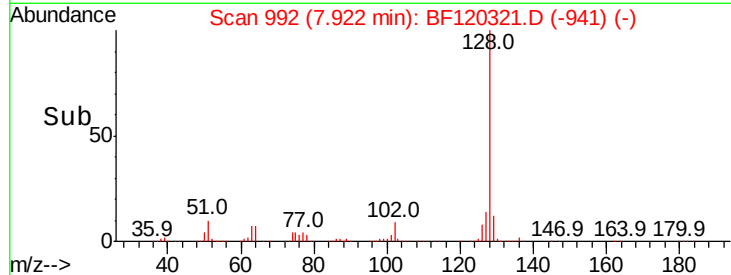
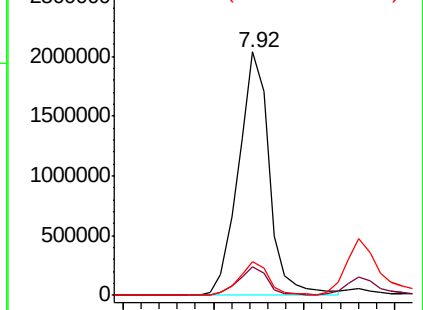
#31
Naphthalene
Concen: 48.498 ng
RT: 7.92 min Scan# 992
Delta R.T. -0.00 min
Lab File: BF120321.D
Acq: 15 May 2020 15:03

Instrument :
BNA_F
ClientSampleId :
TP-B-DMS

Tot Ion:128 Resp: 2408901
Ion Ratio Lower Upper
128 100
129 11.8 9.3 13.9
127 13.8 11.2 16.8

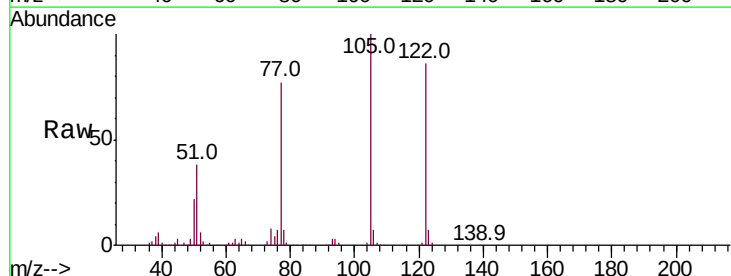


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

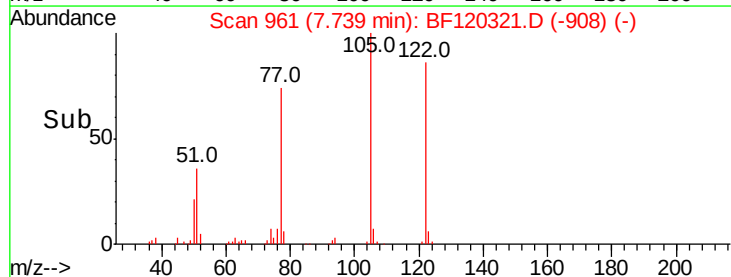
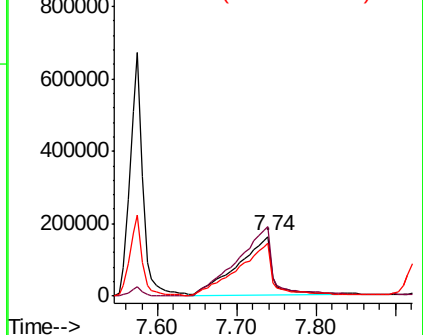


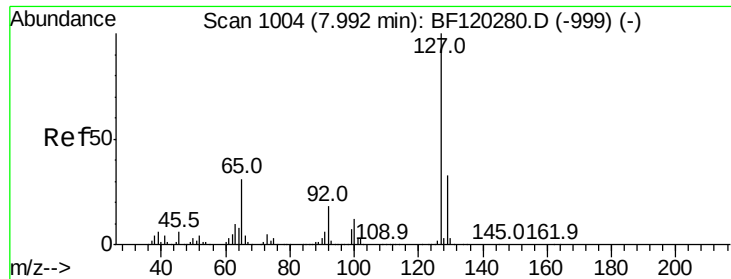
#32
Benzoic acid
Concen: 53.259 ng
RT: 7.74 min Scan# 961
Delta R.T. 0.01 min
Lab File: BF120321.D
Acq: 15 May 2020 15:03

Tgt Ion:122 Resp: 491319
Ion Ratio Lower Upper
122 100
105 116.3 98.1 138.1
77 89.2 66.7 106.7



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

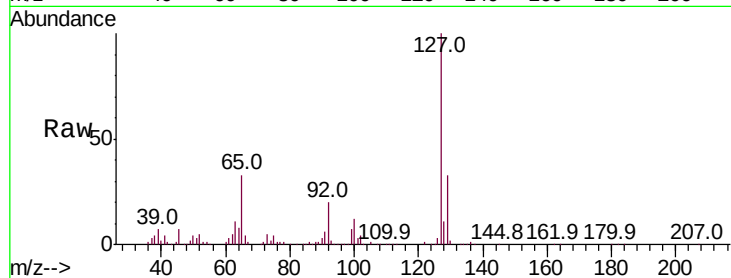




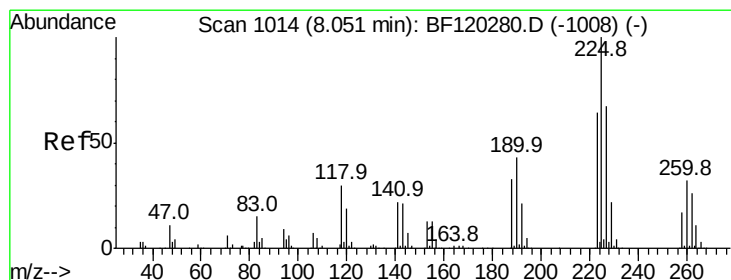
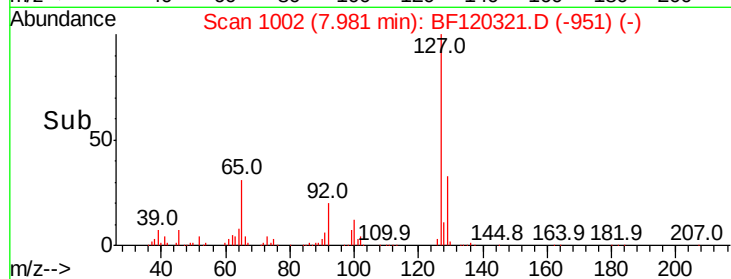
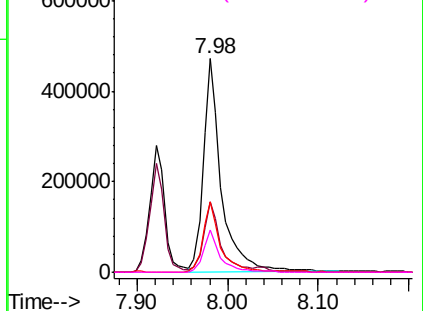
#33
4-Chloroaniline
Concen: 28.693 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.00 min
Lab File: BF120321.D
Acq: 15 May 2020 15:03

Instrument :
BNA_F
ClientSampleId :
TP-B-DMS

Tot Ion:	127	Resp:	649475
Ion	Ratio	Lower	Upper
127	100		
129	33.2	26.4	39.6
65	33.0	24.8	37.2
92	19.9	14.5	21.7

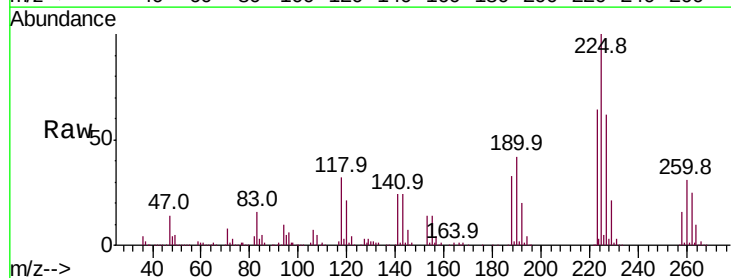


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

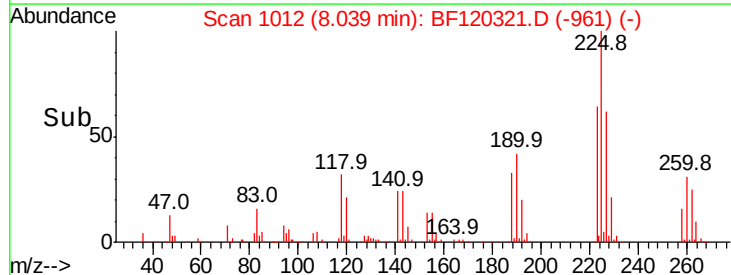
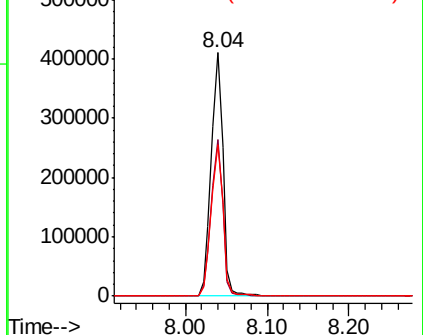


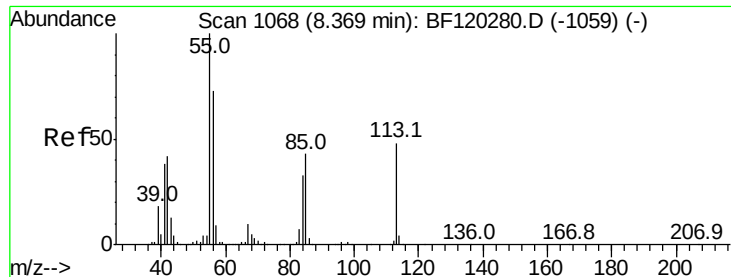
#34
Hexachlorobutadiene
Concen: 44.775 ng
RT: 8.04 min Scan# 1012
Delta R.T. -0.00 min
Lab File: BF120321.D
Acq: 15 May 2020 15:03

Tgt Ion:	225	Resp:	414544
Ion	Ratio	Lower	Upper
225	100		
223	64.2	51.4	77.0
227	62.2	54.0	81.0



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: 53.597 ng/ml

RT: 8.37 min Scan# 1068

Delta R.T. -0.00 min

Lab File: BF120321.D

Acq: 15 May 2020 15:03

Instrument :

BNA_F

ClientSampleId :

TP-B-DMS

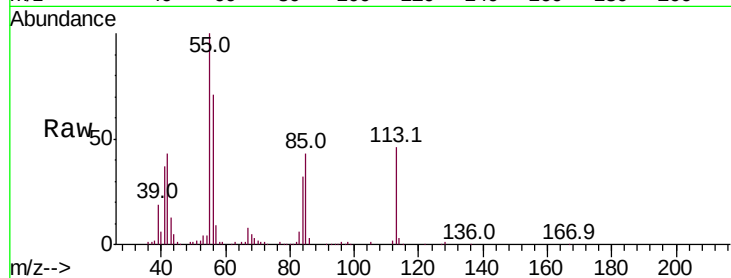
Tot Ion:113 Resp: 253455

Ion Ratio Lower Upper

113 100

55 216.9 190.4 230.4

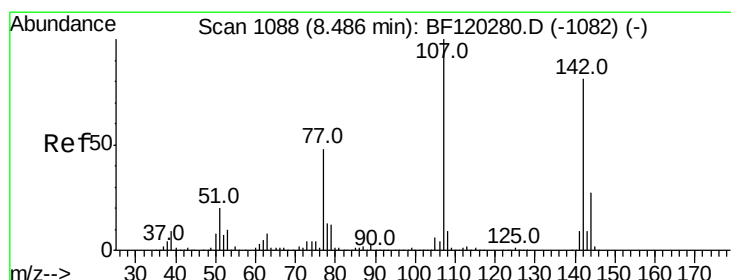
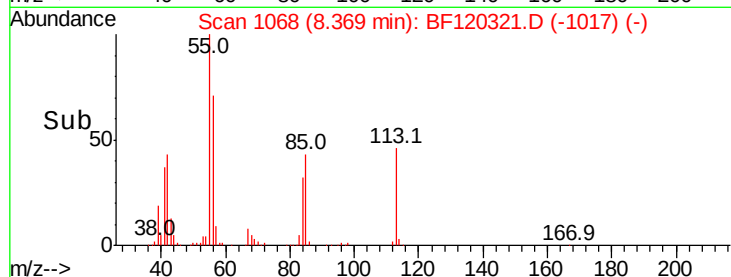
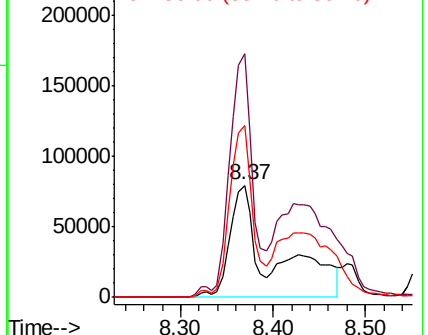
56 153.7 132.7 172.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 52.434 ng/ml

RT: 8.49 min Scan# 1088

Delta R.T. 0.01 min

Lab File: BF120321.D

Acq: 15 May 2020 15:03

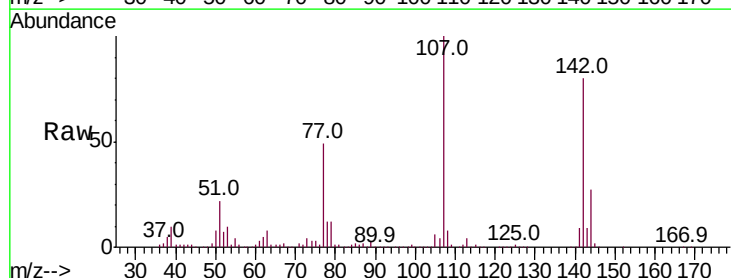
Tgt Ion:107 Resp: 819906

Ion Ratio Lower Upper

107 100

144 26.7 21.4 32.2

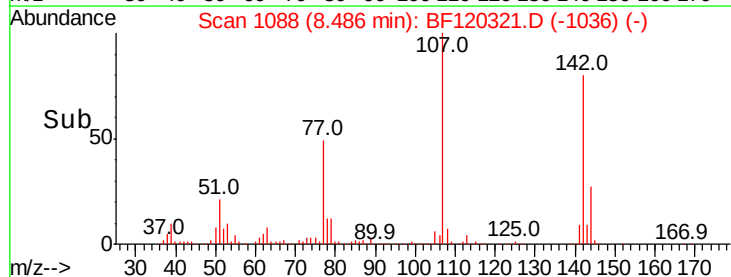
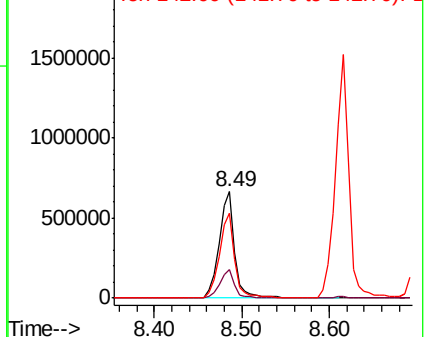
142 80.4 65.1 97.7

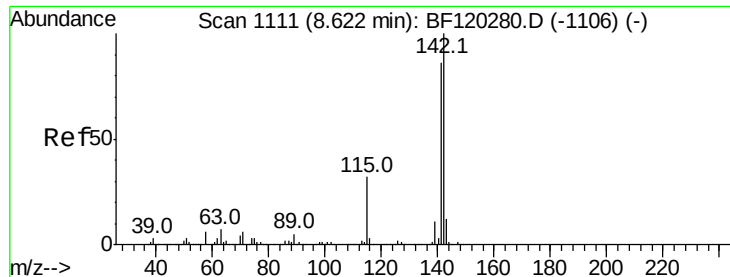


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 48.360 ng

RT: 8.62 min Scan# 1110

Delta R.T. -0.00 min

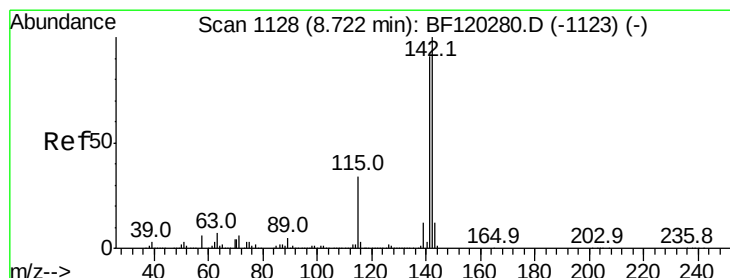
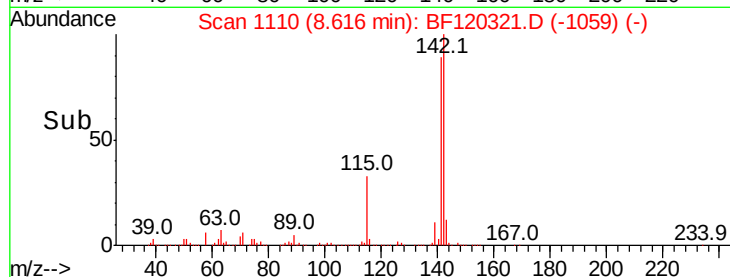
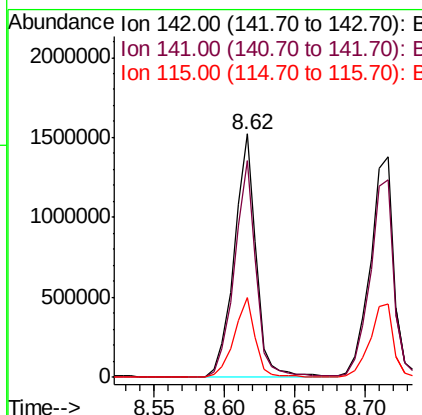
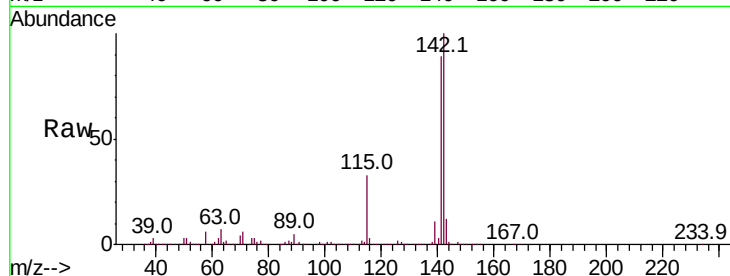
Lab File: BF120321.D

Acq: 15 May 2020 15:03

Instrument :
BNA_F
ClientSampleId :
TP-B-DMS

Tot Ion:142 Resp: 1643777

Ion	Ratio	Lower	Upper
142	100		
141	88.9	68.8	103.2
115	32.7	25.7	38.5



#38

1-Methylnaphthalene

Concen: 49.674 ng

RT: 8.72 min Scan# 1127

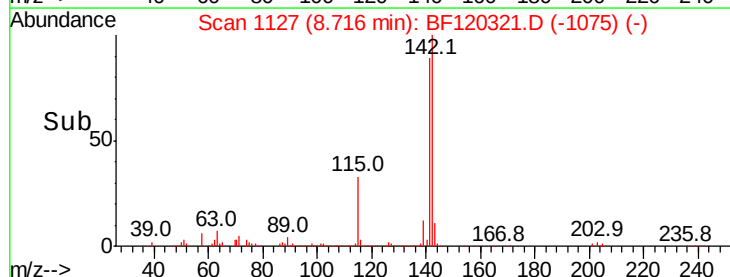
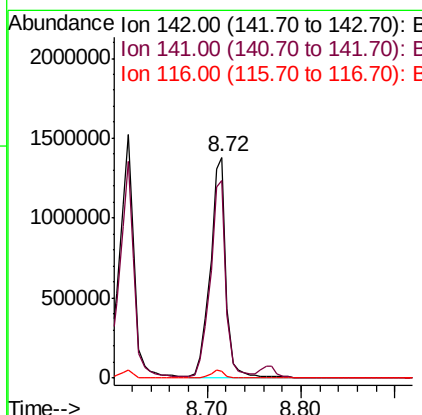
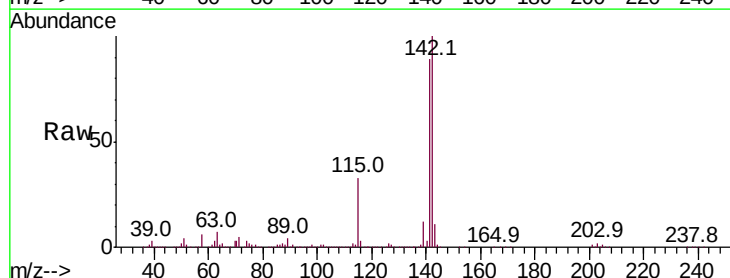
Delta R.T. 0.01 min

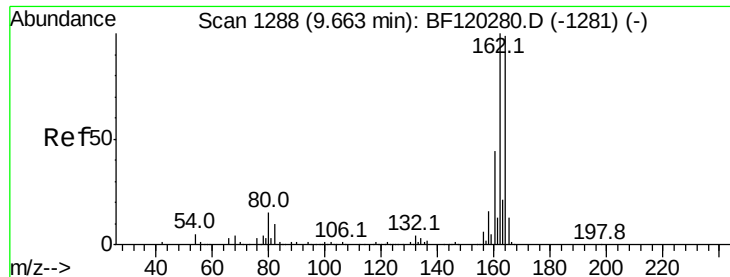
Lab File: BF120321.D

Acq: 15 May 2020 15:03

Tgt Ion:142 Resp: 1637594

Ion	Ratio	Lower	Upper
142	100		
141	89.2	73.0	109.6
116	3.3	2.7	4.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.66 min Scan# 1287

Delta R.T. 0.01 min

Lab File: BF120321.D

Acq: 15 May 2020 15:03

Instrument :

BNA_F

ClientSampleId :

TP-B-DMS

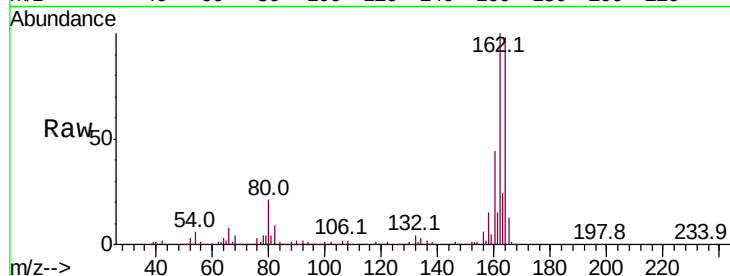
Tot Ion:164 Resp: 659489

Ion Ratio Lower Upper

164 100

162 102.4 81.2 121.8

160 45.5 35.8 53.6

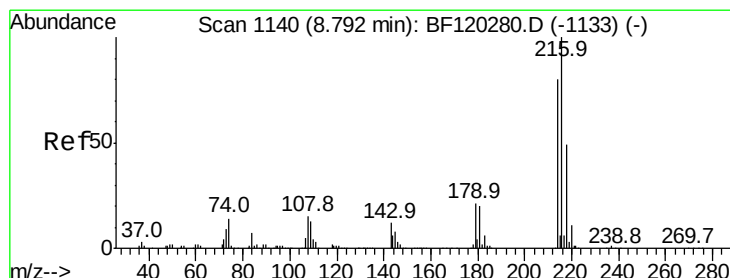
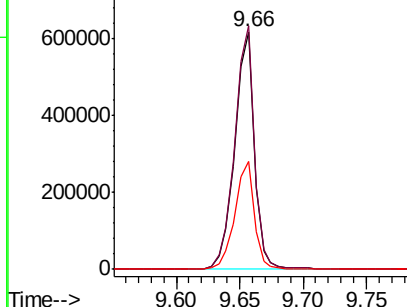
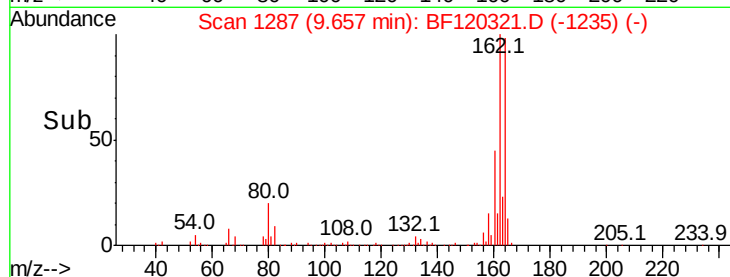


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.919 ng

RT: 8.78 min Scan# 1138

Delta R.T. -0.00 min

Lab File: BF120321.D

Acq: 15 May 2020 15:03

Tgt Ion:216 Resp: 746979

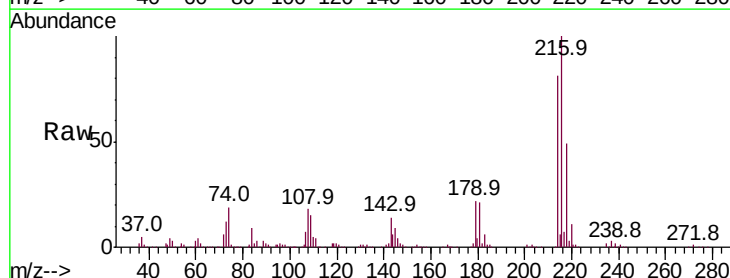
Ion Ratio Lower Upper

216 100

214 79.7 64.0 96.0

179 21.0 16.9 25.3

108 18.9 14.2 21.2



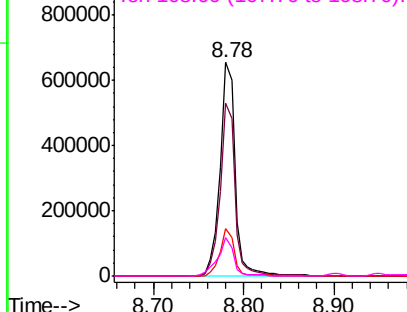
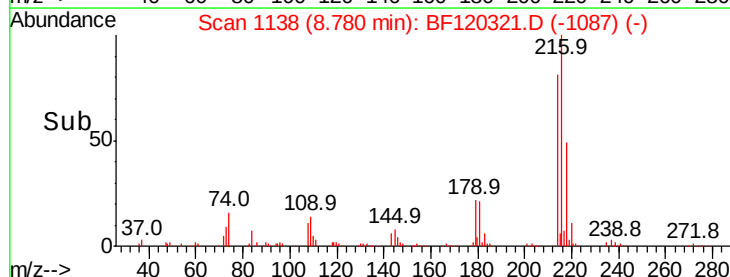
Abundance

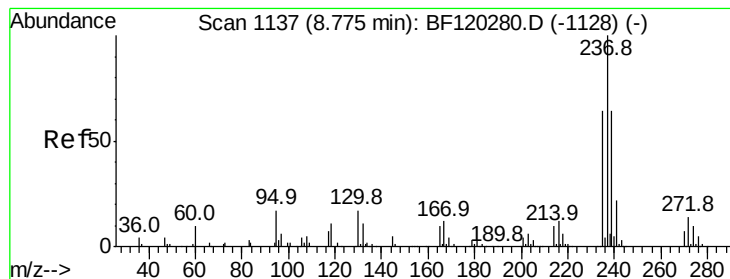
Ion 216.00 (215.70 to 216.70): E

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: 91.704 ng

RT: 8.77 min Scan# 1136

Delta R.T. 0.01 min

Lab File: BF120321.D

Acq: 15 May 2020 15:03

Instrument :

BNA_F

ClientSampleId :

TP-B-DMS

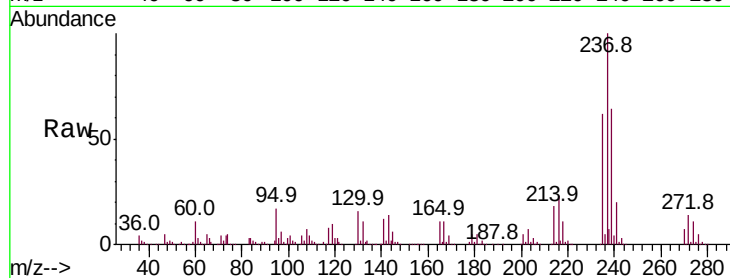
Tot Ion:237 Resp: 636309

Ion Ratio Lower Upper

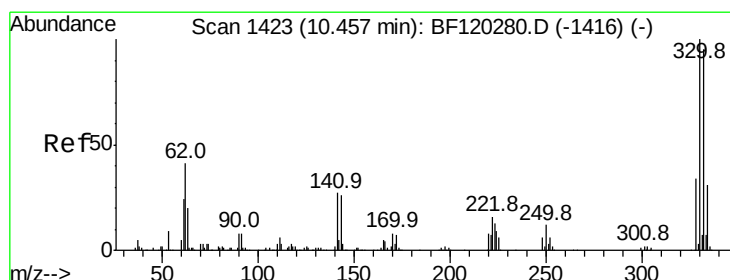
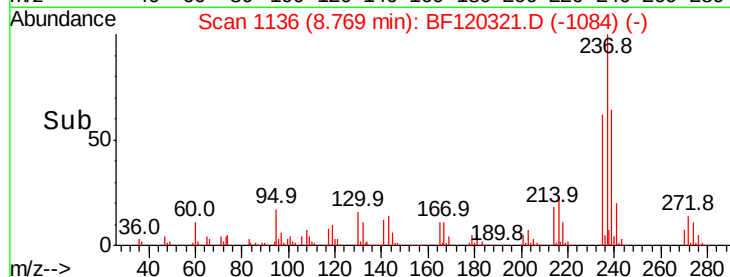
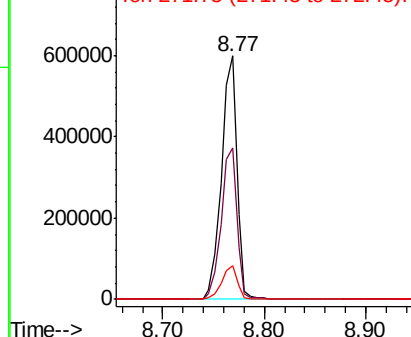
237 100

235 62.3 43.8 83.8

272 13.8 0.0 33.9



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



#42

2,4,6-Tribromophenol

Concen: 124.913 ng

RT: 10.45 min Scan# 1422

Delta R.T. 0.01 min

Lab File: BF120321.D

Acq: 15 May 2020 15:03

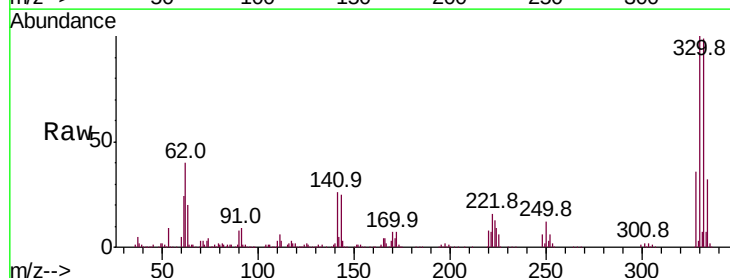
Tgt Ion:330 Resp: 671671

Ion Ratio Lower Upper

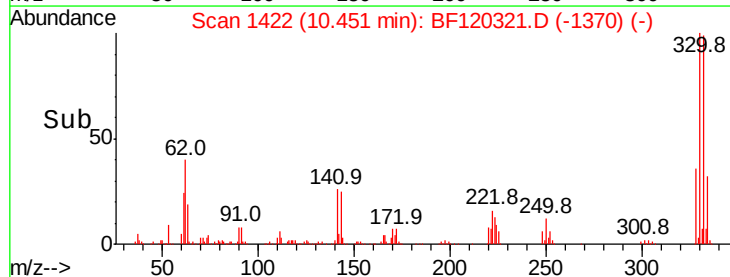
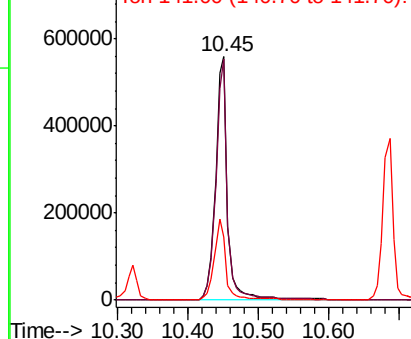
330 100

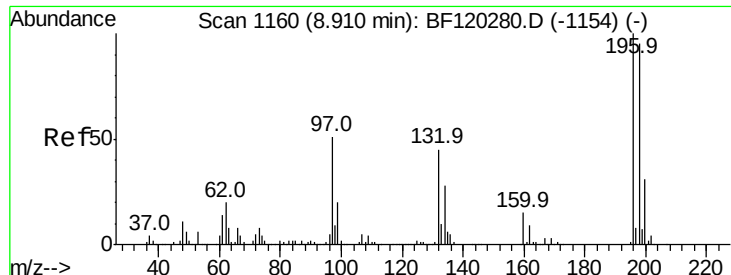
332 95.6 76.5 114.7

141 31.5 25.4 38.0



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

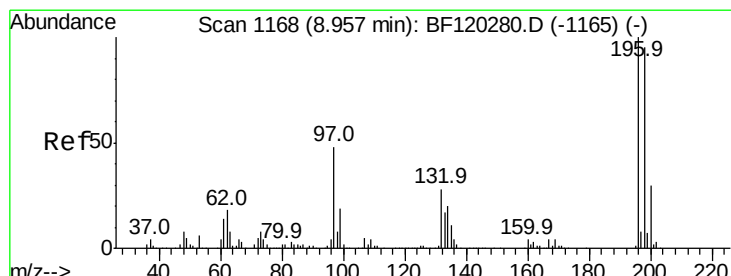
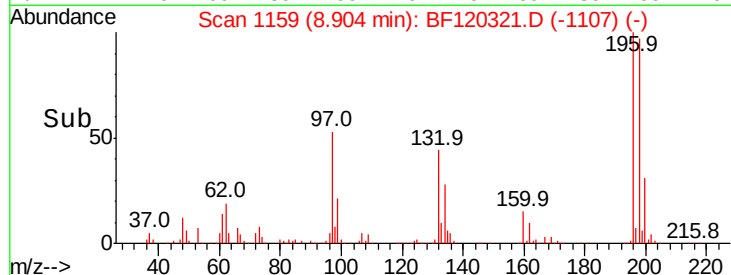
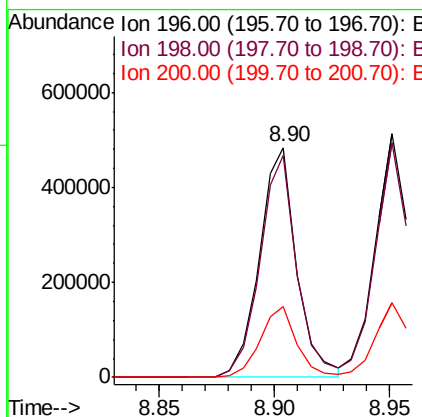
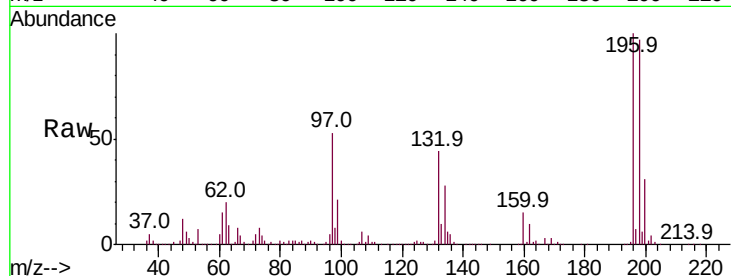




#43
 2,4,6-Trichlorophenol
 Concen: 48.566 ng
 RT: 8.90 min Scan# 1159
 Delta R.T. 0.01 min
 Lab File: BF120321.D
 Acq: 15 May 2020 15:03

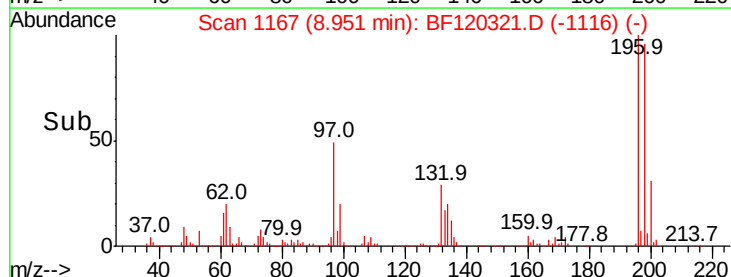
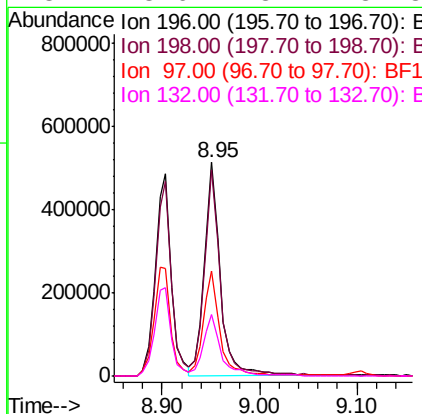
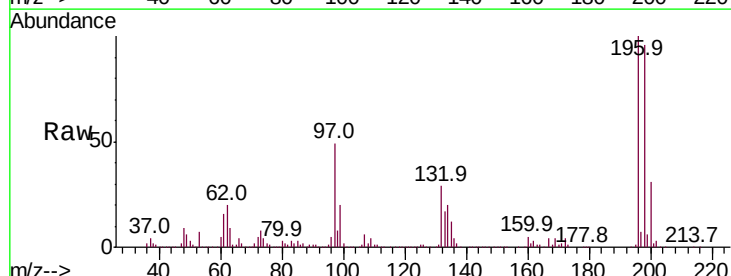
Instrument :
 BNA_F
 ClientSampleId :
 TP-B-DMS

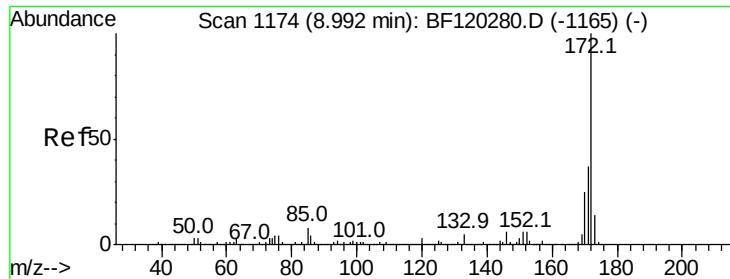
Tot Ion:	196	Resp:	542106
Ion	Ratio	Lower	Upper
196	100		
198	96.7	76.2	114.4
200	30.8	24.9	37.3



#44
 2,4,5-Trichlorophenol
 Concen: 45.830 ng
 RT: 8.95 min Scan# 1167
 Delta R.T. -0.00 min
 Lab File: BF120321.D
 Acq: 15 May 2020 15:03

Tgt Ion:	196	Resp:	587491
Ion	Ratio	Lower	Upper
196	100		
198	96.3	76.2	114.4
97	49.2	38.6	57.8
132	28.6	23.2	34.8

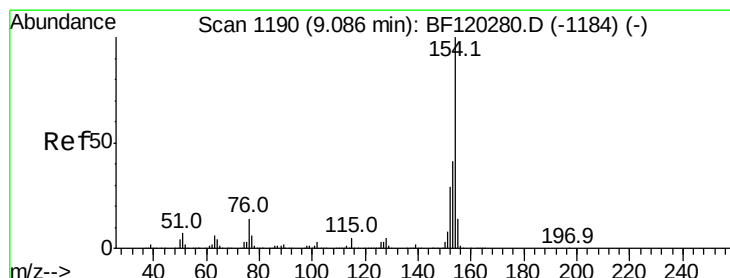
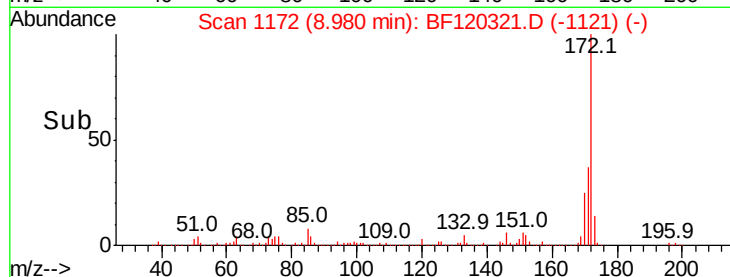
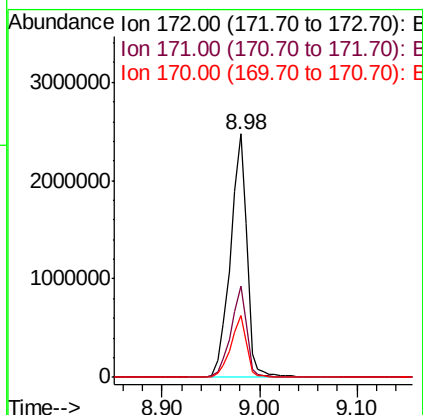
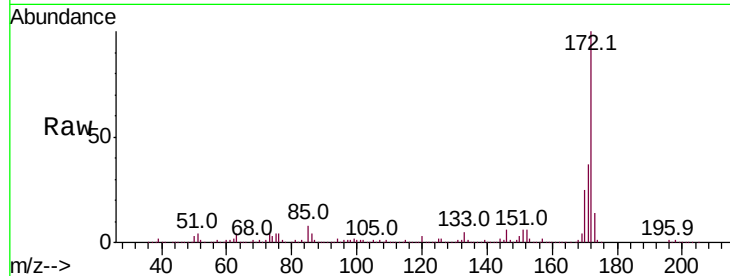




#45
2-Fluorobiphenyl
Concen: 90.710 ng
RT: 8.98 min Scan# 1172
Delta R.T. -0.00 min
Lab File: BF120321.D
Acq: 15 May 2020 15:03

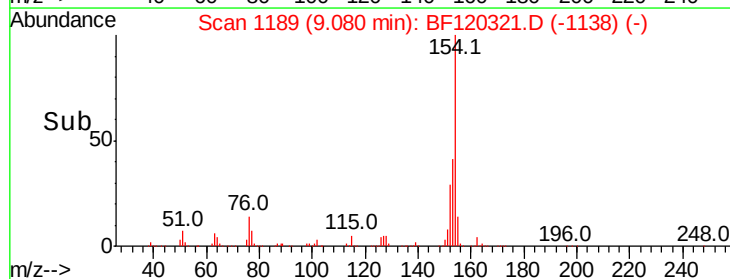
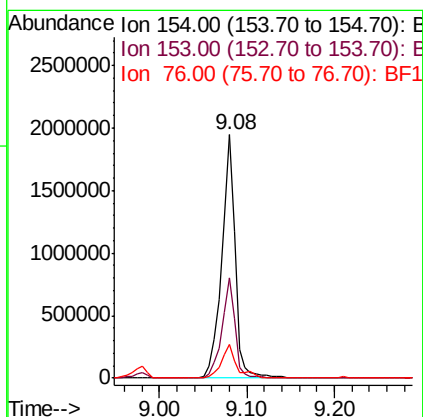
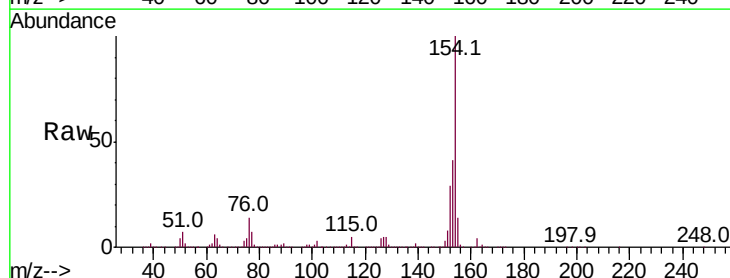
Instrument :
BNA_F
ClientSampleId :
TP-B-DMS

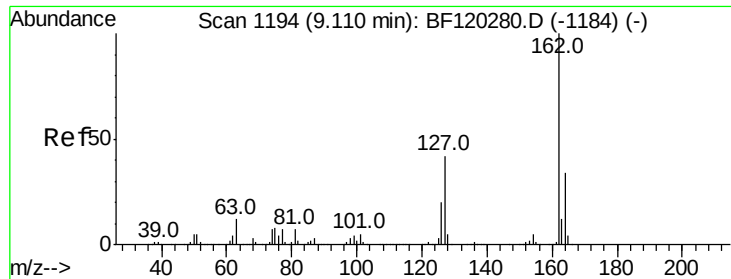
Tot Ion:172 Resp: 2911798
Ion Ratio Lower Upper
172 100
171 37.3 29.7 44.5
170 25.2 19.9 29.9



#46
1,1'-Biphenyl
Concen: 48.722 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.00 min
Lab File: BF120321.D
Acq: 15 May 2020 15:03

Tgt Ion:154 Resp: 2105310
Ion Ratio Lower Upper
154 100
153 41.4 20.8 60.8
76 13.9 0.0 34.3

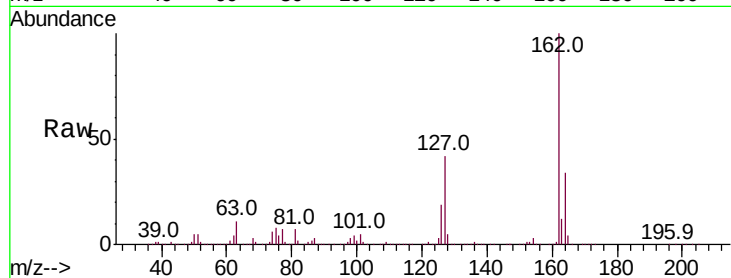




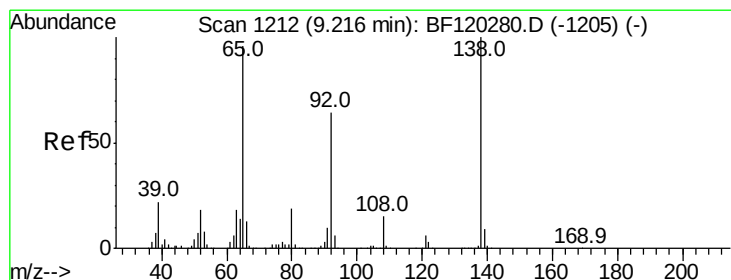
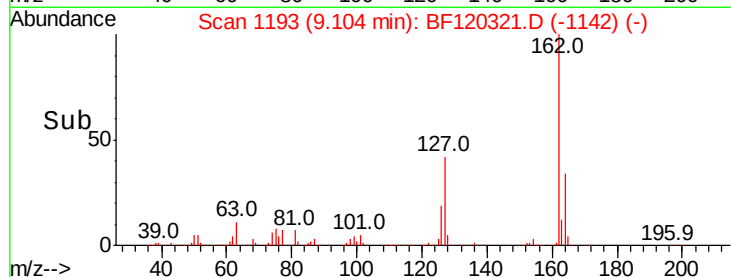
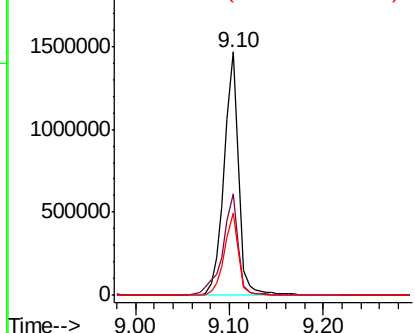
#47
 2-Chloronaphthalene
 Concen: 46.018 ng
 RT: 9.10 min Scan# 1193
 Delta R.T. -0.00 min
 Lab File: BF120321.D
 Acq: 15 May 2020 15:03

Instrument :
 BNA_F
 ClientSampleId :
 TP-B-DMS

Tot Ion:162 Resp: 1595048
 Ion Ratio Lower Upper
 162 100
 127 41.6 33.4 50.0
 164 33.7 27.0 40.6

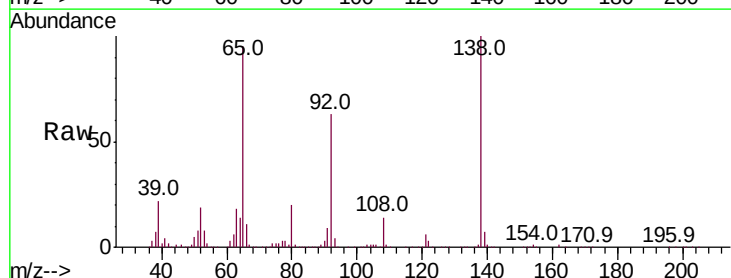


Abundance Ion 162.00 (161.70 to 162.70): E
 2000000
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

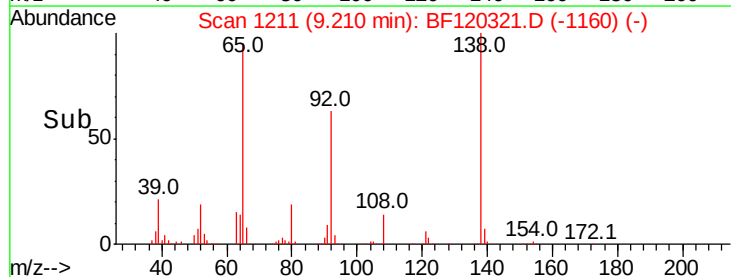
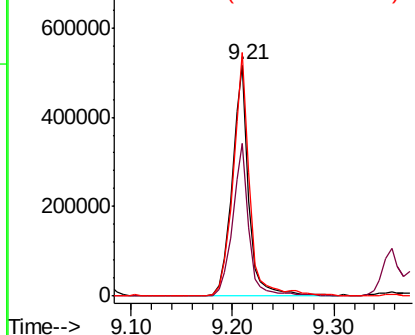


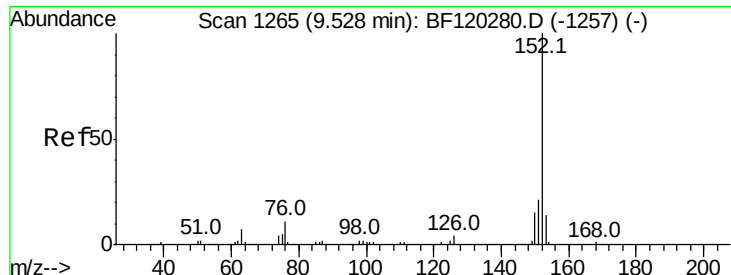
#48
 2-Nitroaniline
 Concen: 46.087 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.00 min
 Lab File: BF120321.D
 Acq: 15 May 2020 15:03

Tgt Ion: 65 Resp: 582839
 Ion Ratio Lower Upper
 65 100
 92 66.3 52.9 79.3
 138 105.3 83.0 124.4



Abundance Ion 65.00 (64.70 to 65.70): BF1
 600000
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 49.177 ng

RT: 9.52 min Scan# 1263

Delta R.T. -0.00 min

Lab File: BF120321.D

Acq: 15 May 2020 15:03

Instrument :

BNA_F

ClientSampleId :

TP-B-DMS

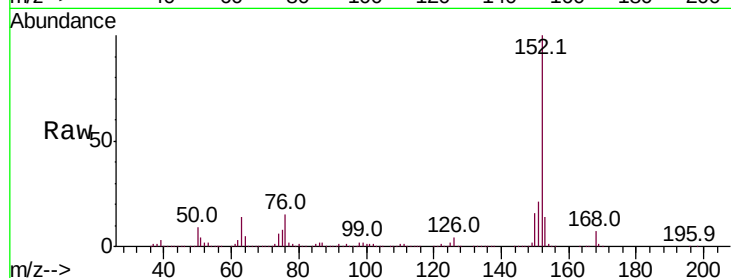
Tot Ion:152 Resp: 2603749

Ion Ratio Lower Upper

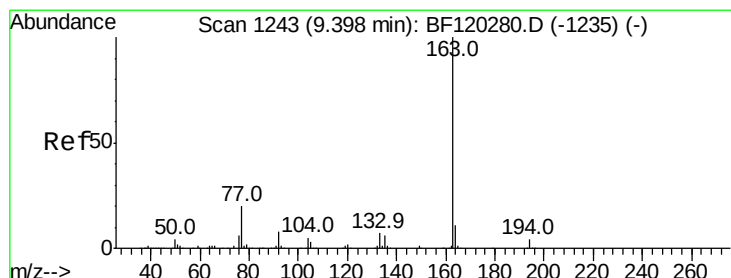
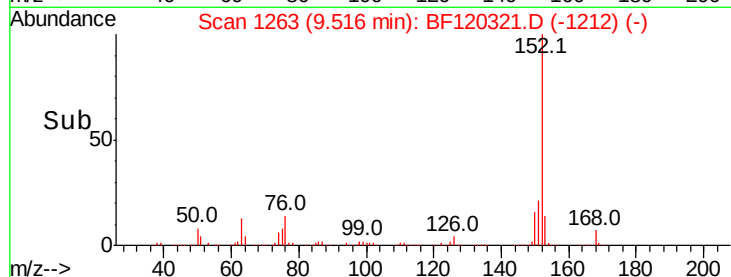
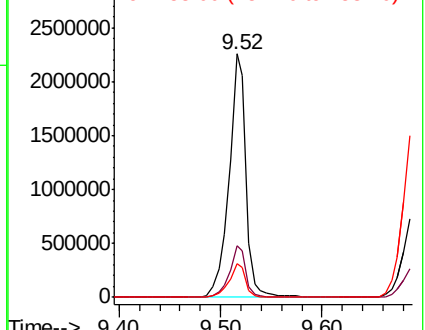
152 100

151 21.0 16.6 25.0

153 14.1 11.1 16.7



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: 57.064 ng

RT: 9.39 min Scan# 1242

Delta R.T. 0.01 min

Lab File: BF120321.D

Acq: 15 May 2020 15:03

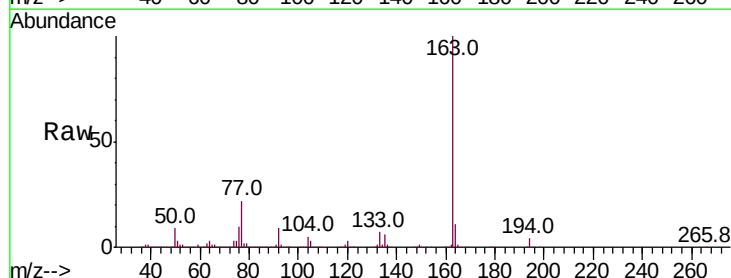
Tgt Ion:163 Resp: 2378966

Ion Ratio Lower Upper

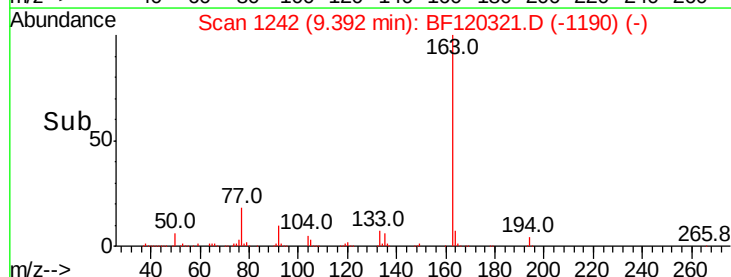
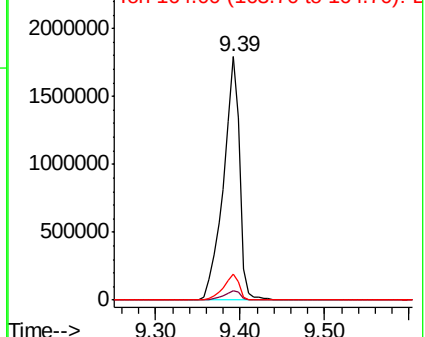
163 100

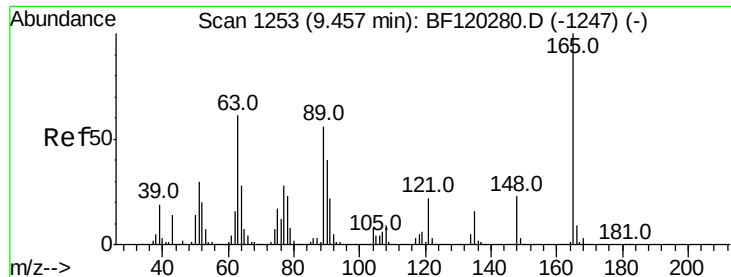
194 3.8 3.1 4.7

164 10.8 8.6 12.8



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: 47.319 ng

RT: 9.46 min Scan# 1253

Delta R.T. 0.01 min

Lab File: BF120321.D

Acq: 15 May 2020 15:03

Instrument :

BNA_F

ClientSampleId :

TP-B-DMS

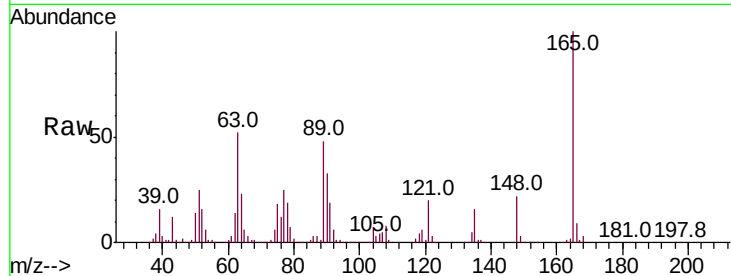
Tot Ion:165 Resp: 440289

Ion Ratio Lower Upper

165 100

63 51.6 50.2 75.2

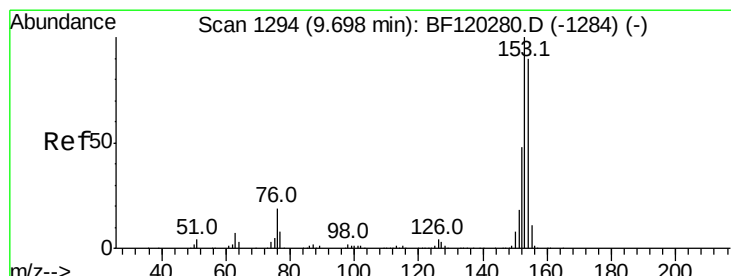
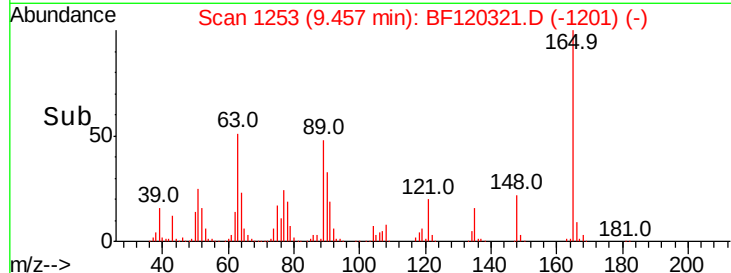
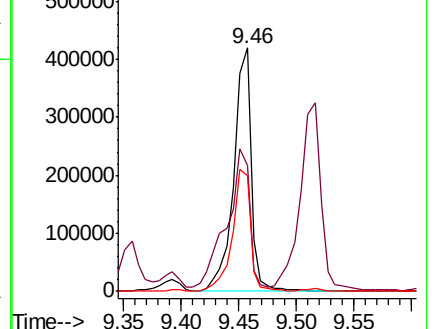
89 47.6 44.6 66.8



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 47.203 ng

RT: 9.69 min Scan# 1292

Delta R.T. -0.00 min

Lab File: BF120321.D

Acq: 15 May 2020 15:03

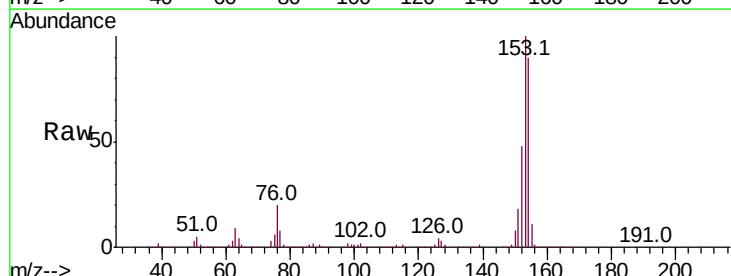
Tgt Ion:154 Resp: 1498076

Ion Ratio Lower Upper

154 100

153 110.8 89.0 133.4

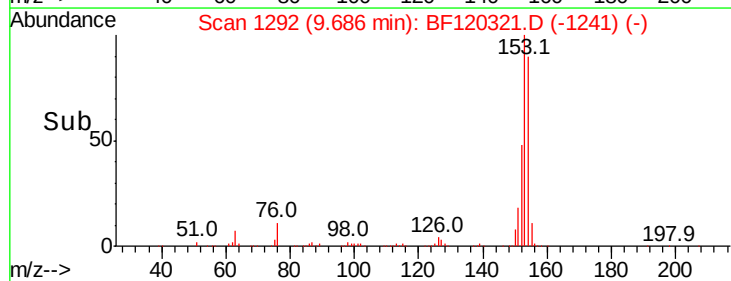
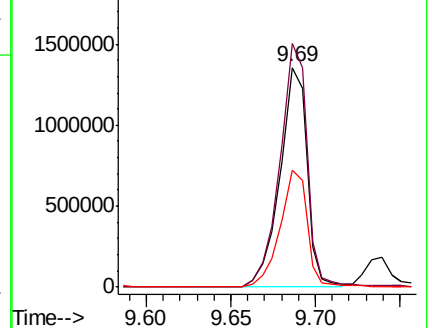
152 53.4 42.6 64.0

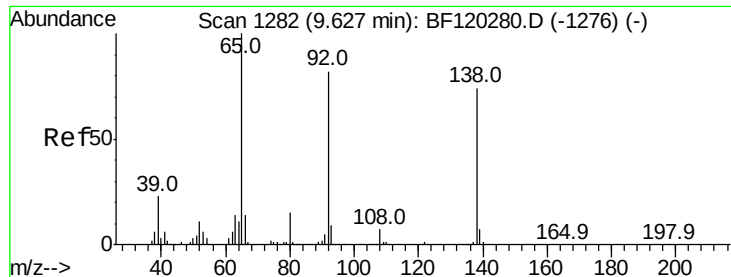


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

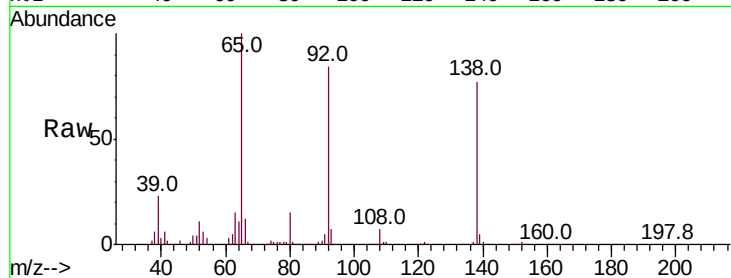




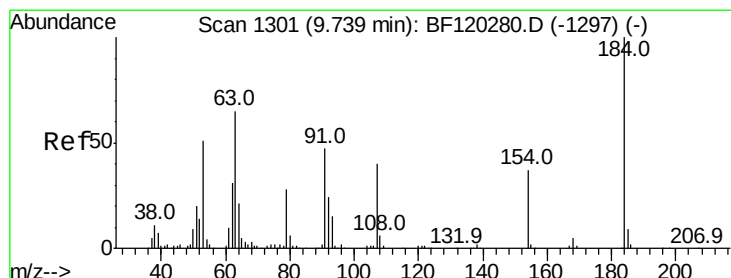
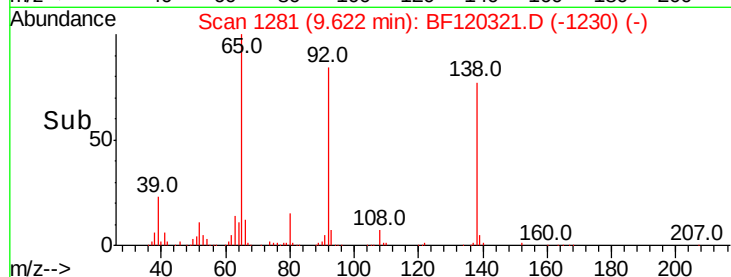
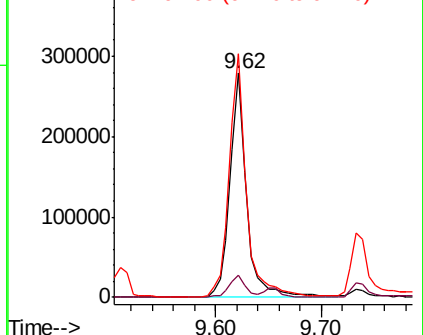
#53
3-Nitroaniline
Concen: 27.566 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.00 min
Lab File: BF120321.D
Acq: 15 May 2020 15:03

Instrument :
BNA_F
ClientSampleId :
TP-B-DMS

Tot Ion:138 Resp: 305873
Ion Ratio Lower Upper
138 100
108 9.6 8.2 12.2
92 108.6 89.6 134.4

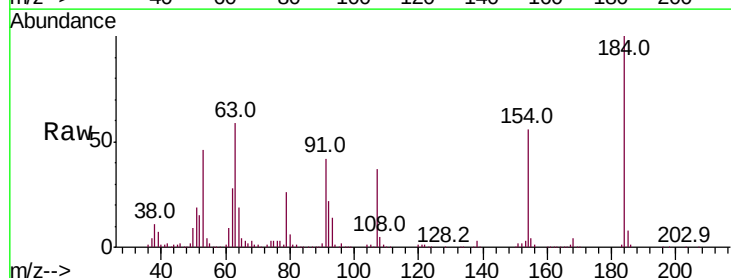


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

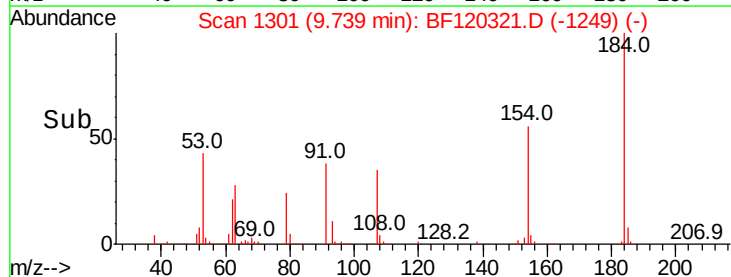
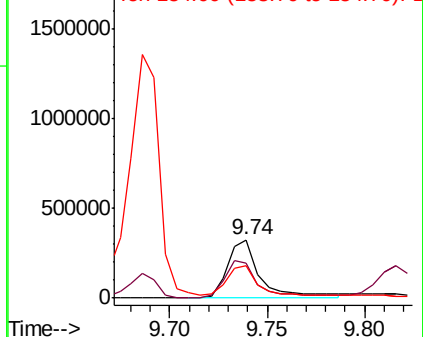


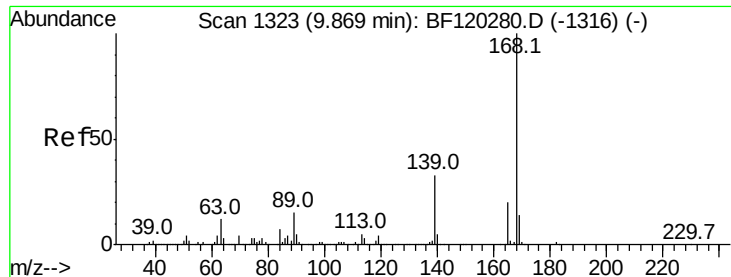
#54
2,4-Dinitrophenol
Concen: 88.137 ng
RT: 9.74 min Scan# 1301
Delta R.T. 0.01 min
Lab File: BF120321.D
Acq: 15 May 2020 15:03

Tgt Ion:184 Resp: 387107
Ion Ratio Lower Upper
184 100
63 59.2 53.6 80.4
154 55.9 46.8 70.2



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

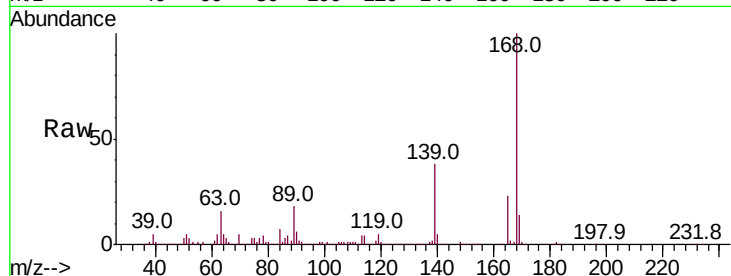




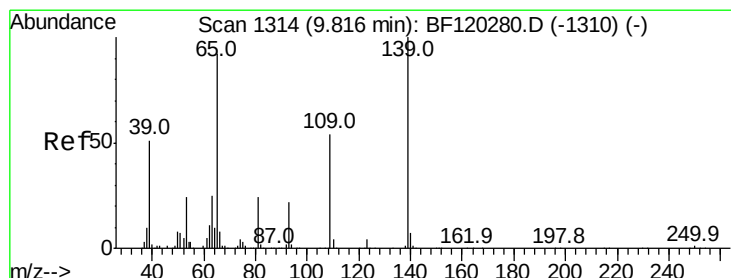
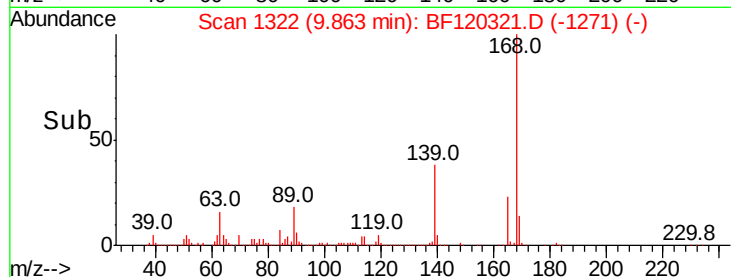
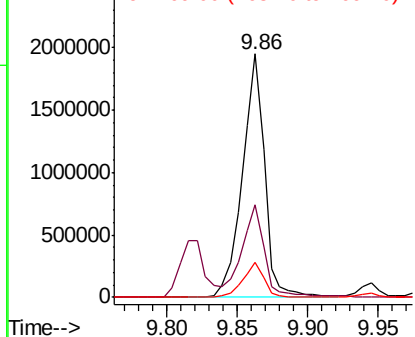
#55
Dibenzofuran
Concen: 46.826 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BF120321.D
Acq: 15 May 2020 15:03

Instrument :
BNA_F
ClientSampleId :
TP-B-DMS

Tot Ion:168 Resp: 2140077
Ion Ratio Lower Upper
168 100
139 38.2 29.8 44.6
169 14.3 11.0 16.6

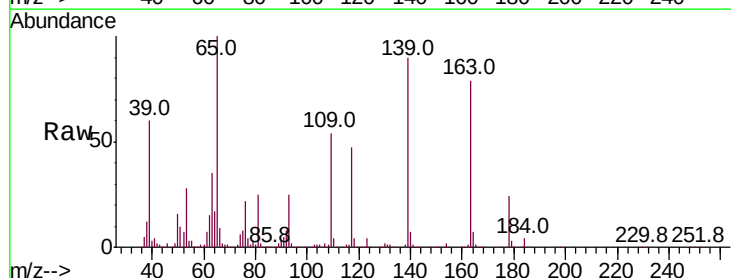


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

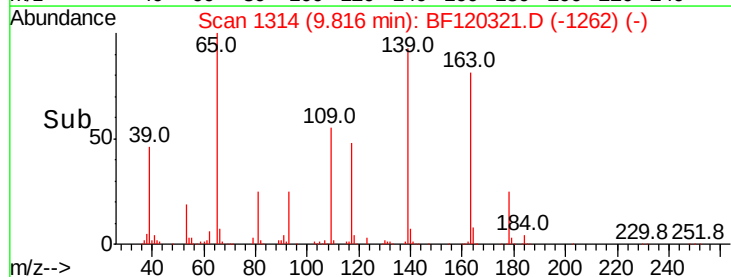
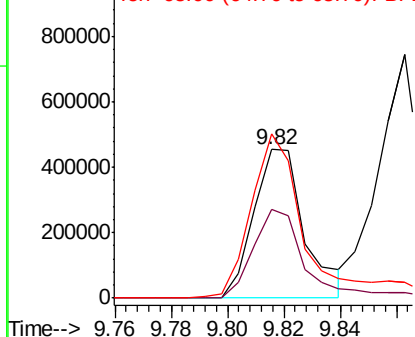


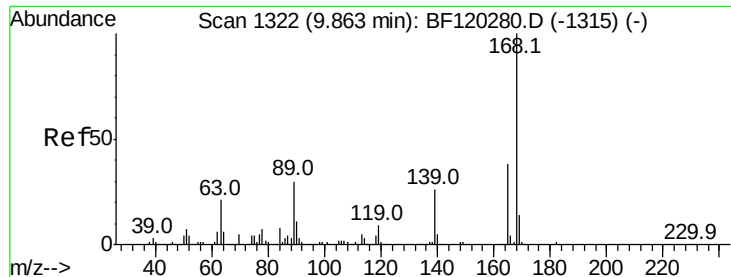
#56
4-Nitrophenol
Concen: 95.630 ng
RT: 9.82 min Scan# 1314
Delta R.T. 0.01 min
Lab File: BF120321.D
Acq: 15 May 2020 15:03

Tgt Ion:139 Resp: 570154
Ion Ratio Lower Upper
139 100
109 59.4 34.6 74.6
65 110.6 73.3 113.3



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

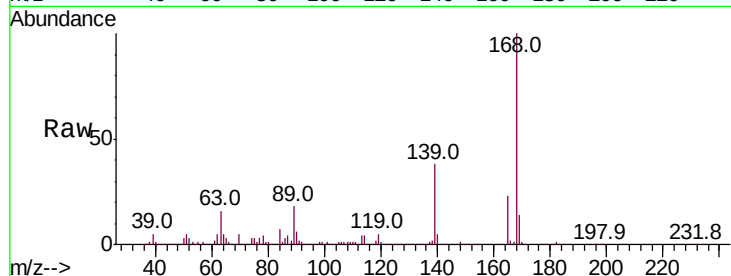




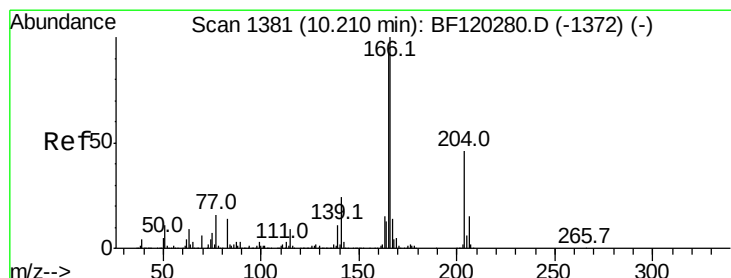
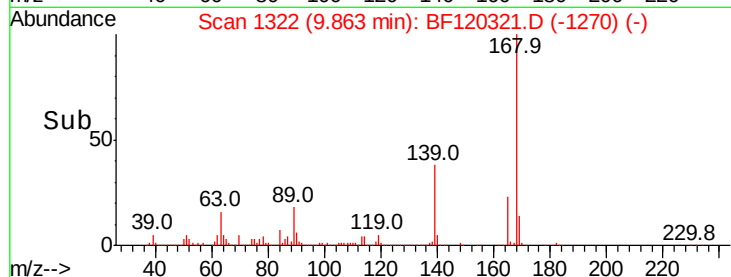
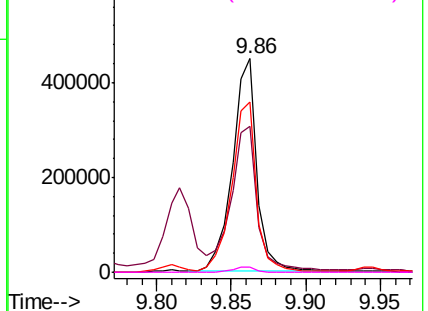
#57
 2,4-Dinitrotoluene
 Concen: 47.384 ng
 RT: 9.86 min Scan# 1322
 Delta R.T. 0.01 min
 Lab File: BF120321.D
 Acq: 15 May 2020 15:03

Instrument :
 BNA_F
 ClientSampleId :
 TP-B-DMS

Tot Ion:165 Resp: 517182
 Ion Ratio Lower Upper
 165 100
 63 68.3 51.8 77.8
 89 79.6 64.2 96.4
 182 2.6 2.0 3.0

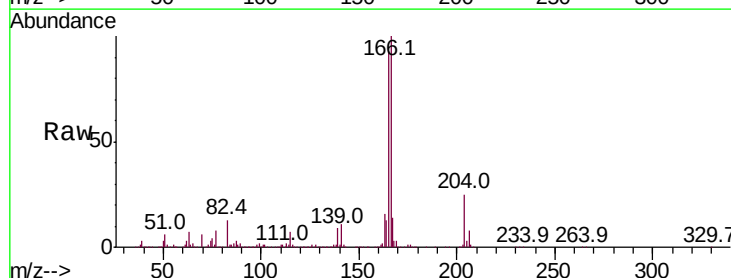


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

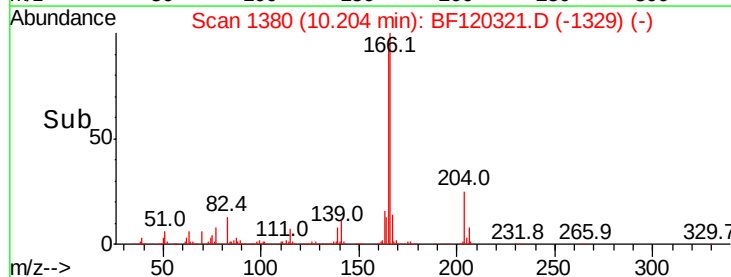
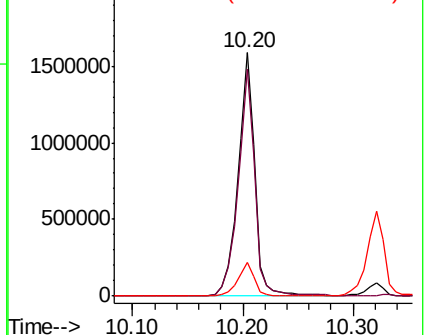


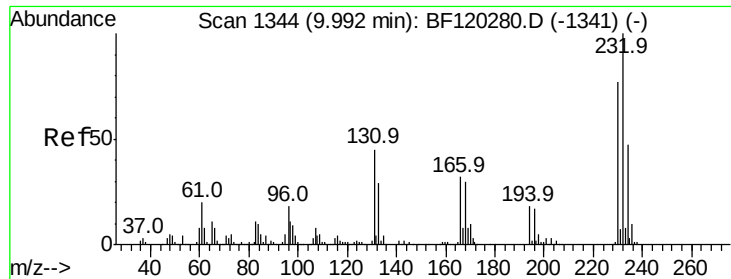
#58
 Fluorene
 Concen: 48.331 ng
 RT: 10.20 min Scan# 1380
 Delta R.T. -0.00 min
 Lab File: BF120321.D
 Acq: 15 May 2020 15:03

Tgt Ion:166 Resp: 1682203
 Ion Ratio Lower Upper
 166 100
 165 93.0 74.7 112.1
 167 14.0 11.4 17.0



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





#59

2,3,4,6-Tetrachlorophenol

Concen: 46.853 ng

RT: 9.99 min Scan# 1343

Delta R.T. -0.00 min

Lab File: BF120321.D

Acq: 15 May 2020 15:03

Instrument :

BNA_F

ClientSampleId :

TP-B-DMS

Tot Ion:232 Resp: 451996

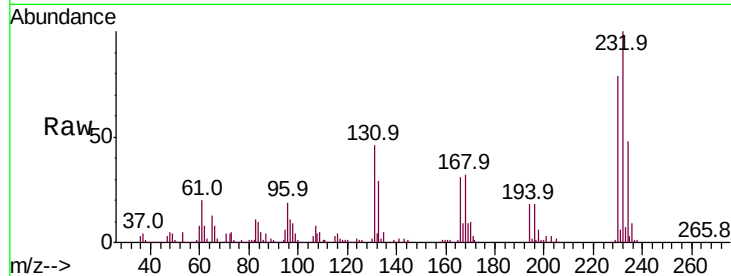
Ion Ratio Lower Upper

232 100

131 43.3 34.1 51.1

130 2.4 1.7 2.5

166 29.8 23.3 34.9

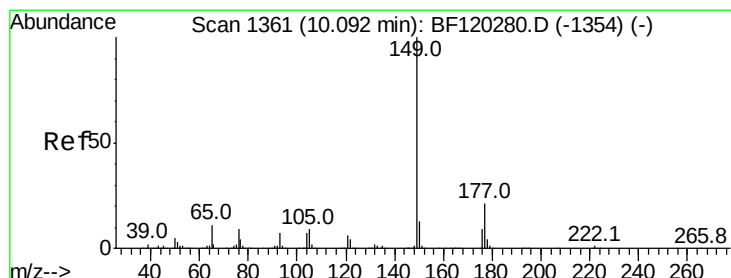
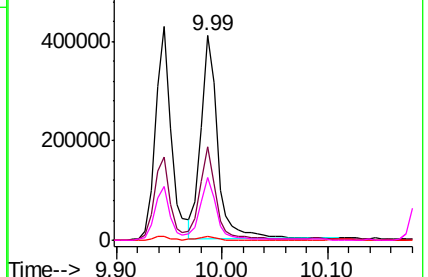
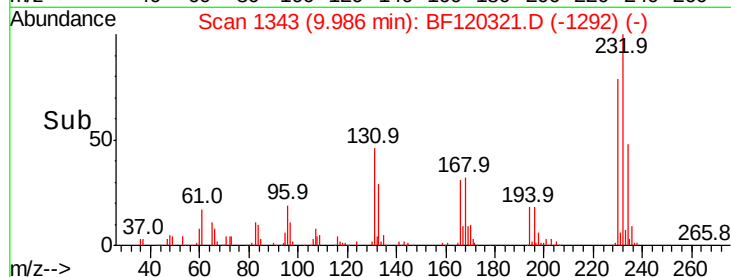


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 48.301 ng

RT: 10.09 min Scan# 1361

Delta R.T. 0.01 min

Lab File: BF120321.D

Acq: 15 May 2020 15:03

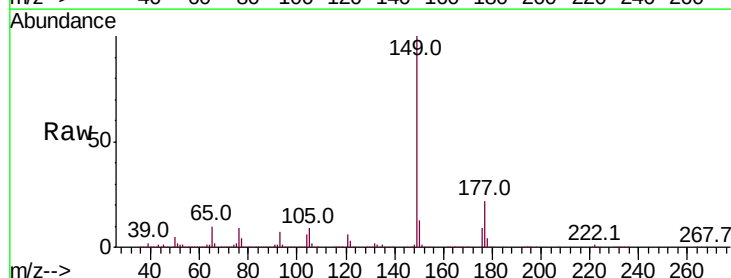
Tgt Ion:149 Resp: 1944029

Ion Ratio Lower Upper

149 100

177 22.0 17.1 25.7

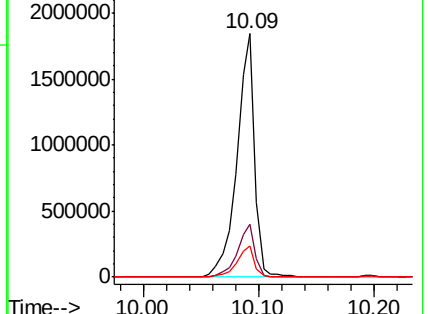
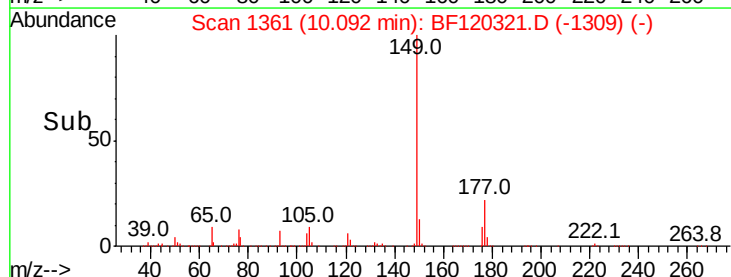
150 12.6 10.3 15.5

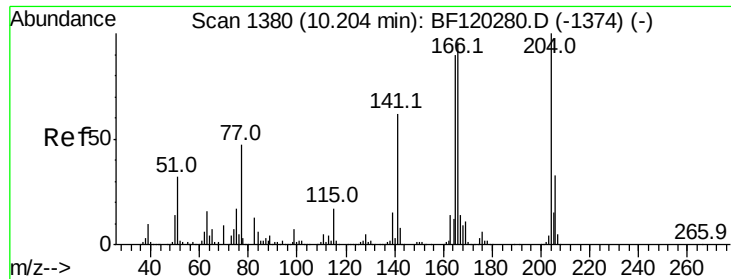


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

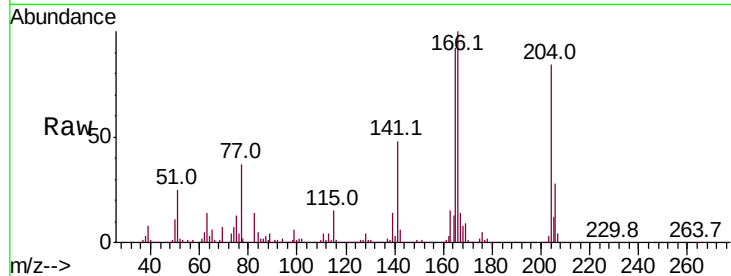




#61
 4-Chlorophenyl-phenylether
 Concen: 45.287 ng
 RT: 10.20 min Scan# 1379
 Delta R.T. -0.00 min
 Lab File: BF120321.D
 Acq: 15 May 2020 15:03

Instrument :
 BNA_F
 ClientSampleId :
 TP-B-DMS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.4	26.8	40.2
141	57.4	49.5	74.3

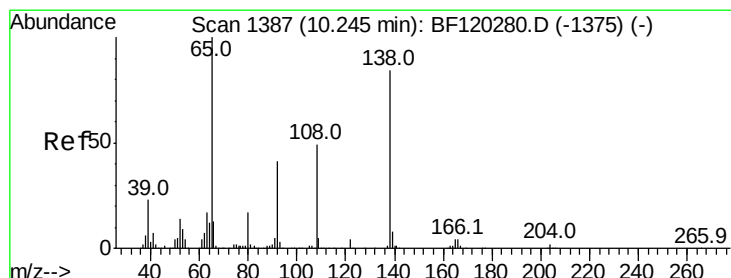
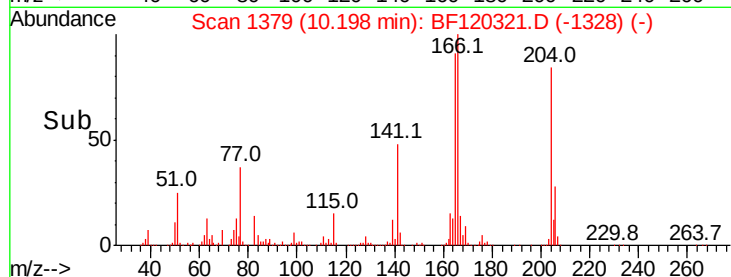
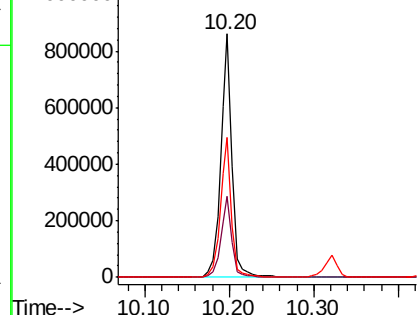


Abundance

Ion 204.00 (203.70 to 204.70): E

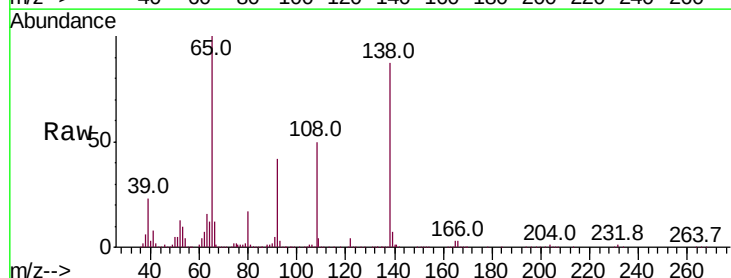
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
 4-Nitroaniline
 Concen: 48.813 ng
 RT: 10.25 min Scan# 1387
 Delta R.T. 0.01 min
 Lab File: BF120321.D
 Acq: 15 May 2020 15:03

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.8	28.9	68.9
108	57.4	38.4	78.4

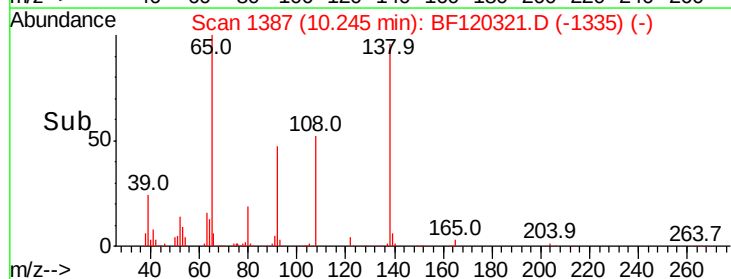
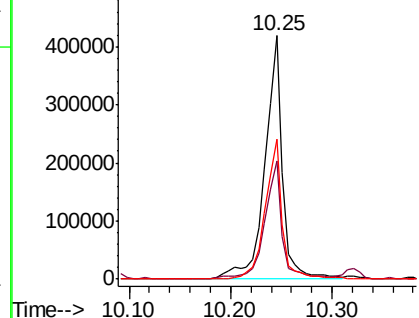


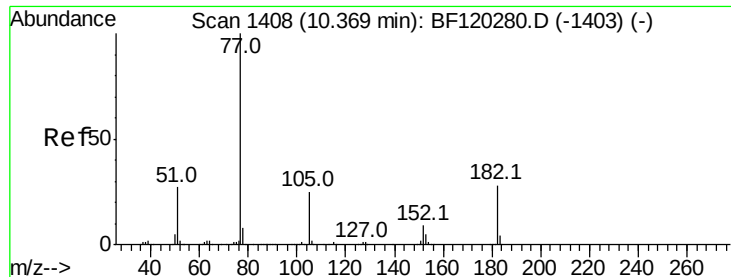
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 50.575 ng

RT: 10.36 min Scan# 1406

Delta R.T. -0.00 min

Lab File: BF120321.D

Acq: 15 May 2020 15:03

Instrument :

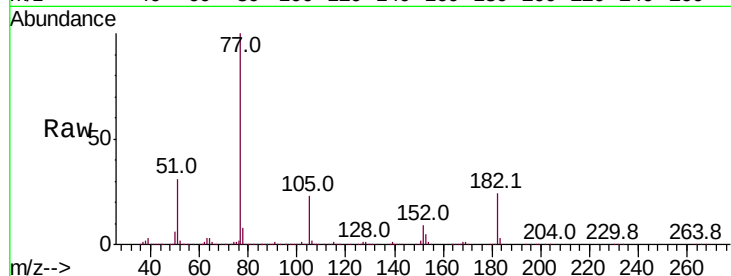
BNA_F

ClientSampleId :

TP-B-DMS

Tot Ion: 77 Resp: 1923821

Ion	Ratio	Lower	Upper
77	100		
182	23.5	7.4	47.4
105	23.1	4.4	44.4
51	30.7	8.3	48.3

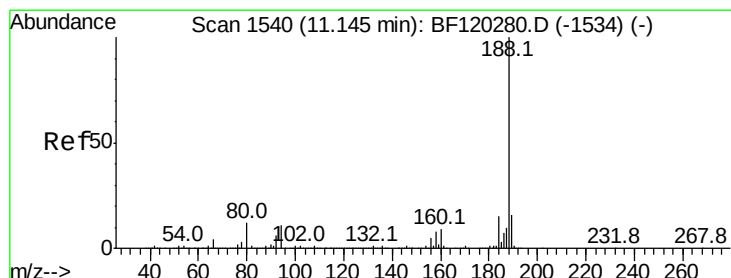
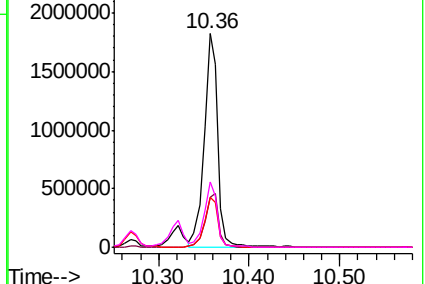
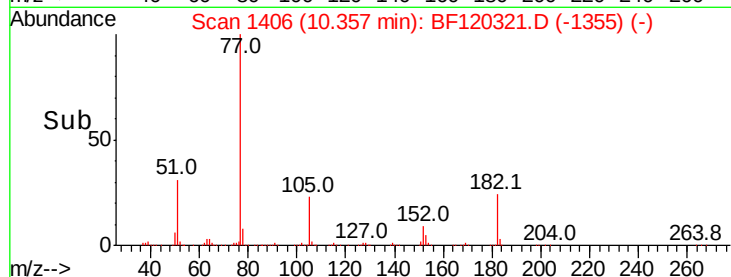


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.14 min Scan# 1539

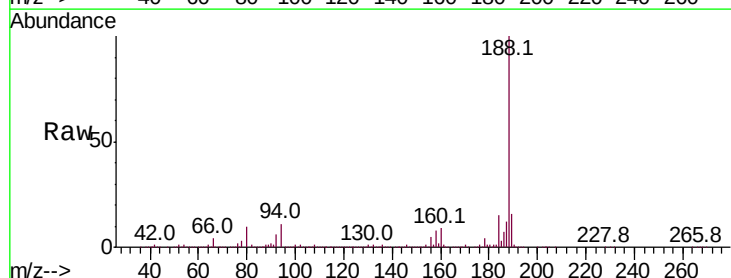
Delta R.T. 0.01 min

Lab File: BF120321.D

Acq: 15 May 2020 15:03

Tgt Ion: 188 Resp: 1375766

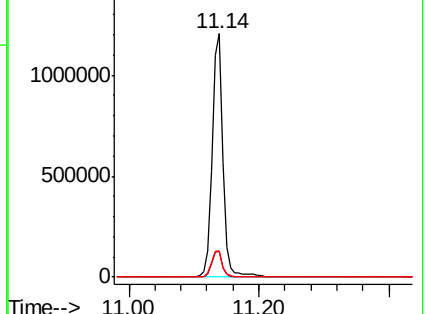
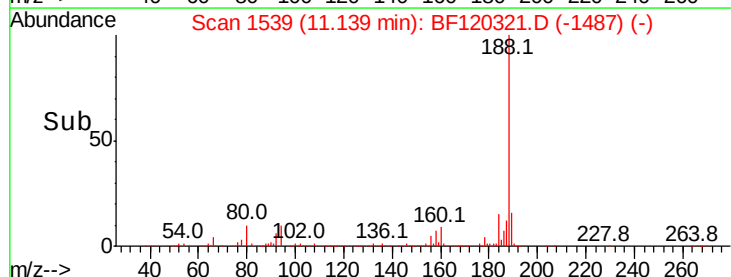
Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.6	13.0
80	10.5	9.2	13.8

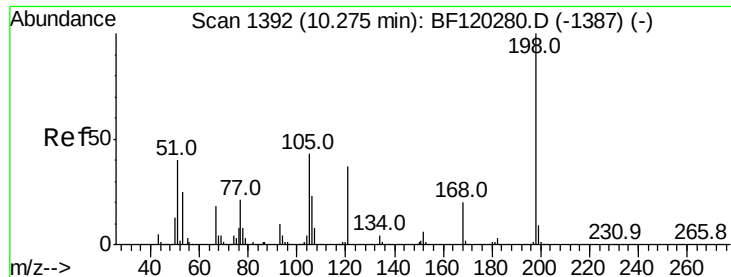


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

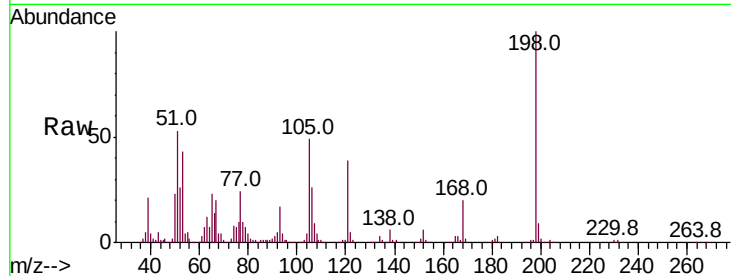




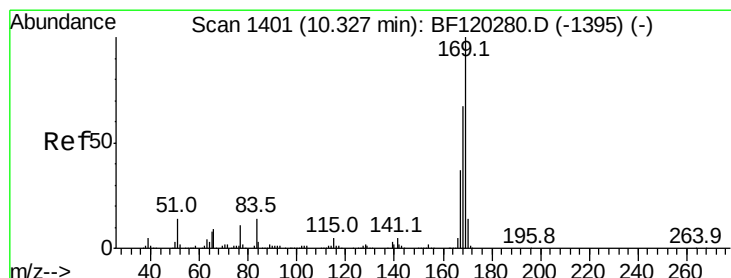
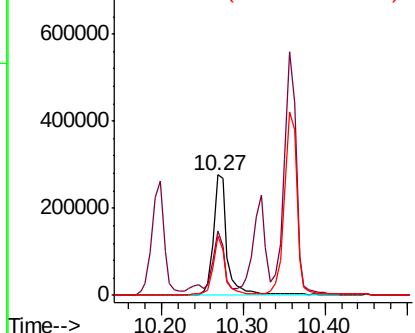
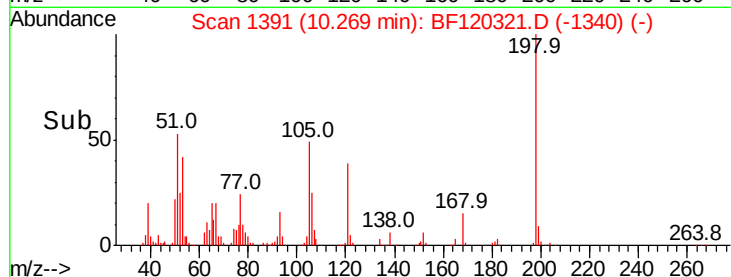
#65
4,6-Dinitro-2-methylphenol
Concen: 47.213 ng
RT: 10.27 min Scan# 1391
Delta R.T. -0.00 min
Lab File: BF120321.D
Acq: 15 May 2020 15:03

Instrument :
BNA_F
ClientSampleId :
TP-B-DMS

Tot Ion:198 Resp: 328492
Ion Ratio Lower Upper
198 100
51 53.3 27.1 67.1
105 48.7 24.3 64.3

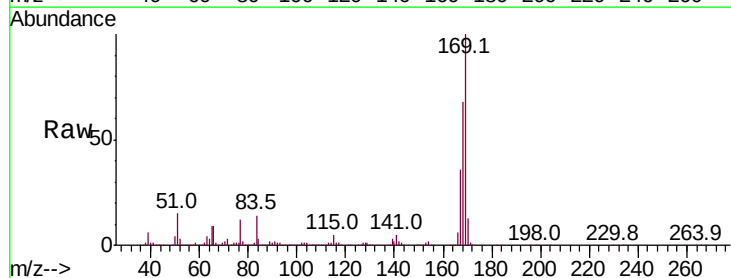


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

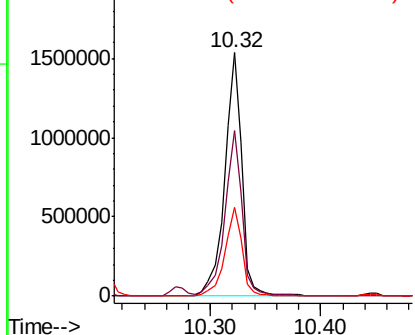
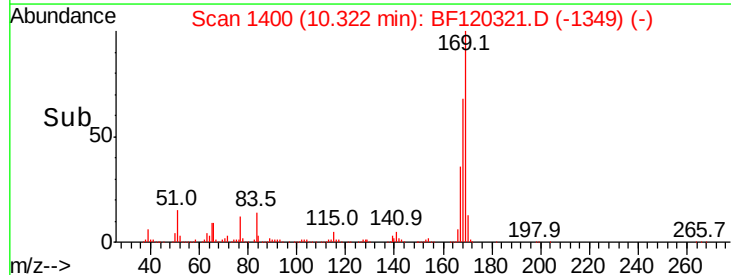


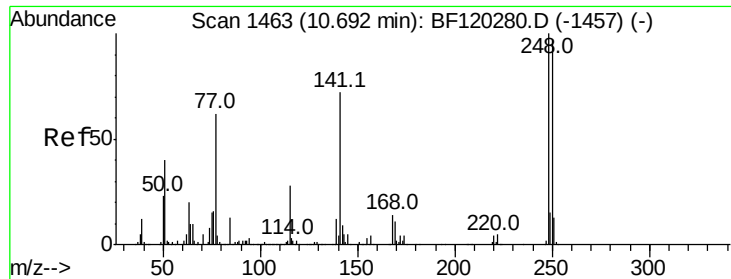
#66
n-Nitrosodiphenylamine
Concen: 43.548 ng
RT: 10.32 min Scan# 1400
Delta R.T. -0.00 min
Lab File: BF120321.D
Acq: 15 May 2020 15:03

Tgt Ion:169 Resp: 1657526
Ion Ratio Lower Upper
169 100
168 68.0 53.7 80.5
167 36.2 29.8 44.6



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

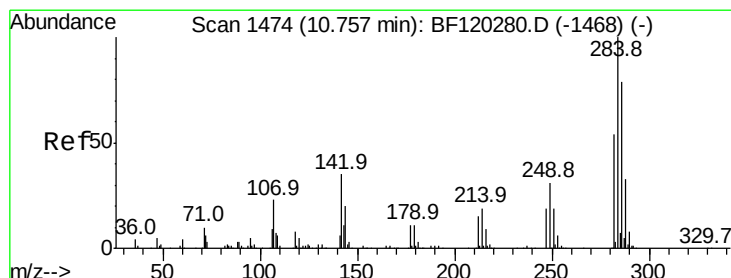
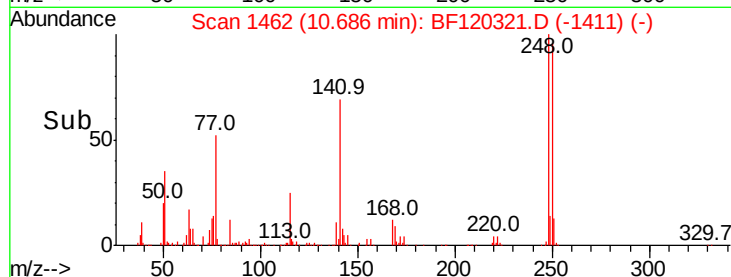
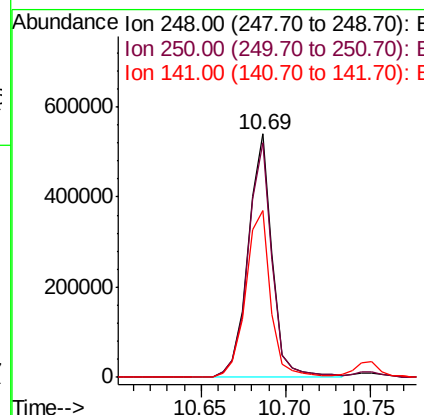
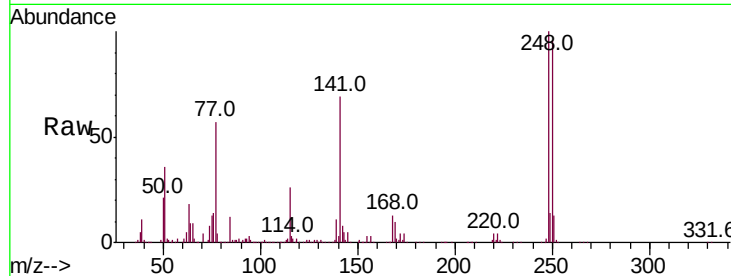




#67
4-Bromophenyl-phenylether
Concen: 40.240 ng
RT: 10.69 min Scan# 1462
Delta R.T. -0.00 min
Lab File: BF120321.D
Acq: 15 May 2020 15:03

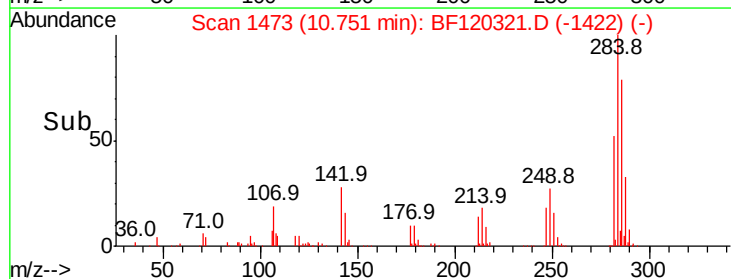
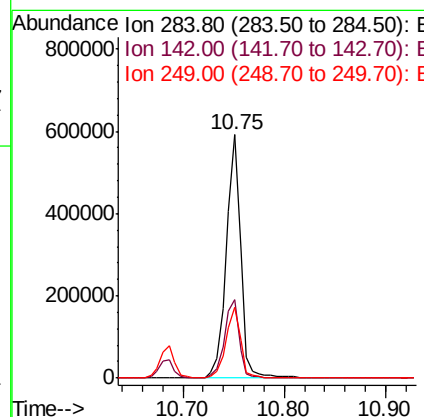
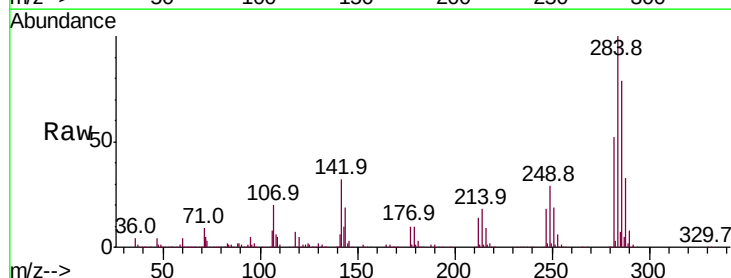
Instrument :
BNA_F
ClientSampleId :
TP-B-DMS

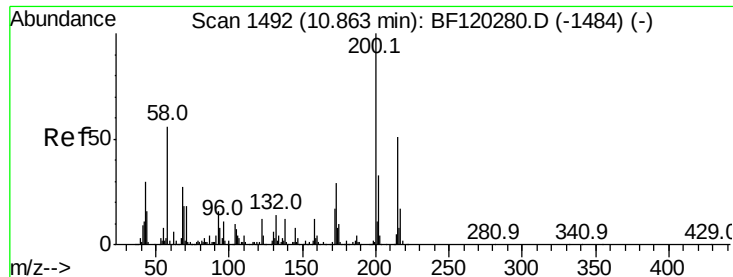
Tot Ion:248 Resp: 537203
Ion Ratio Lower Upper
248 100
250 96.4 77.8 116.6
141 68.8 57.7 86.5



#68
Hexachlorobenzene
Concen: 41.746 ng
RT: 10.75 min Scan# 1473
Delta R.T. -0.00 min
Lab File: BF120321.D
Acq: 15 May 2020 15:03

Tgt Ion:284 Resp: 583049
Ion Ratio Lower Upper
284 100
142 32.4 28.5 42.7
249 28.9 24.8 37.2





#69

Atrazine

Concen: 39.064 ng

RT: 10.86 min Scan# 1491

Delta R.T. 0.01 min

Lab File: BF120321.D

Acq: 15 May 2020 15:03

Instrument :

BNA_F

ClientSampleId :

TP-B-DMS

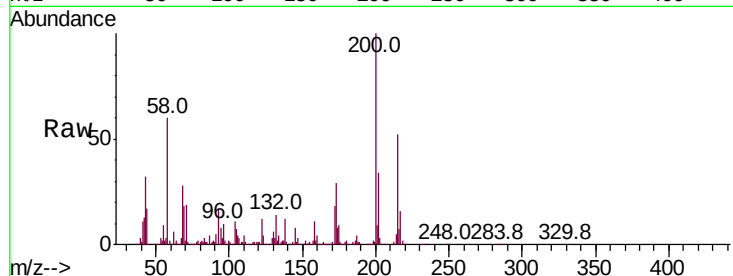
Tot Ion:200 Resp: 444907

Ion Ratio Lower Upper

200 100

173 28.7 8.7 48.7

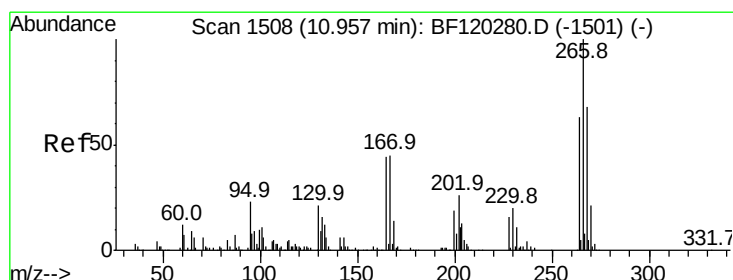
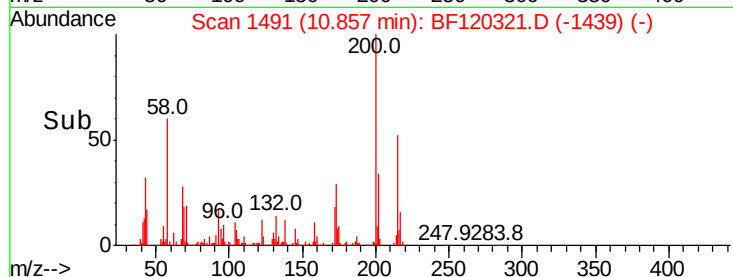
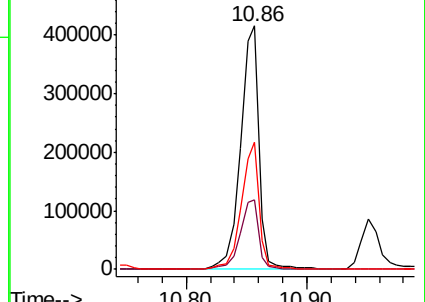
215 52.0 30.6 70.6



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 93.211 ng

RT: 10.95 min Scan# 1507

Delta R.T. -0.00 min

Lab File: BF120321.D

Acq: 15 May 2020 15:03

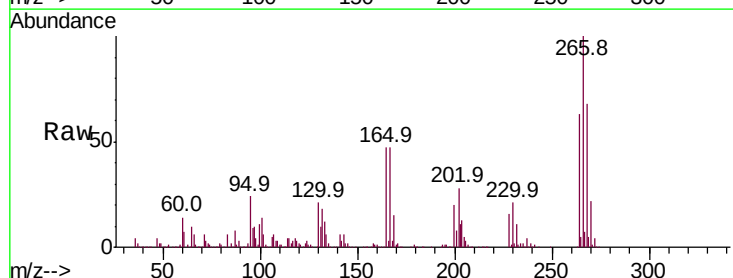
Tgt Ion:266 Resp: 553679

Ion Ratio Lower Upper

266 100

268 67.5 54.2 81.4

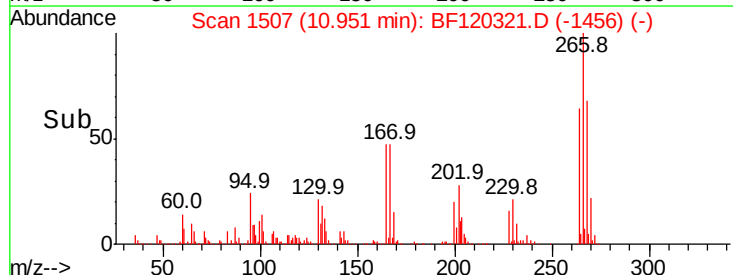
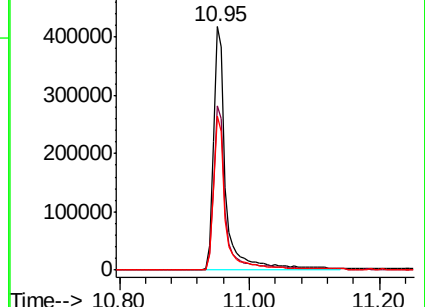
264 63.4 50.2 75.4

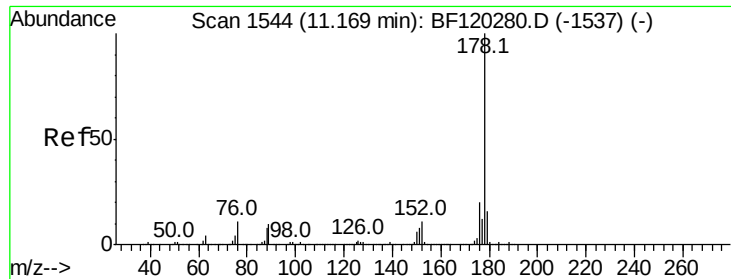


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 46.119 ng

RT: 11.16 min Scan# 1543

Delta R.T. -0.00 min

Lab File: BF120321.D

Acq: 15 May 2020 15:03

Instrument :

BNA_F

ClientSampleId :

TP-B-DMS

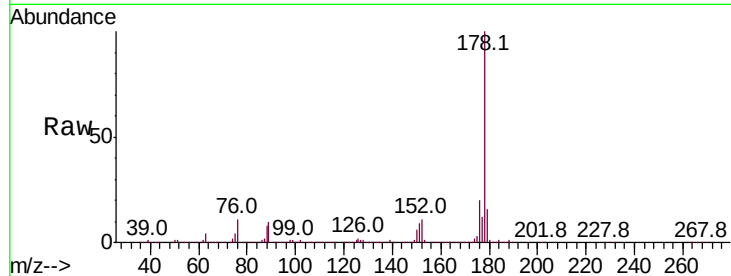
Tot Ion:178 Resp: 2666142

Ion Ratio Lower Upper

178 100

176 20.3 15.8 23.8

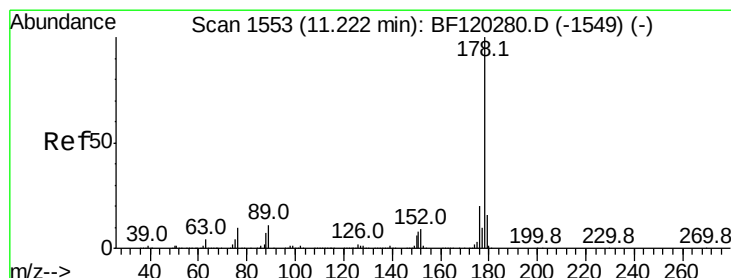
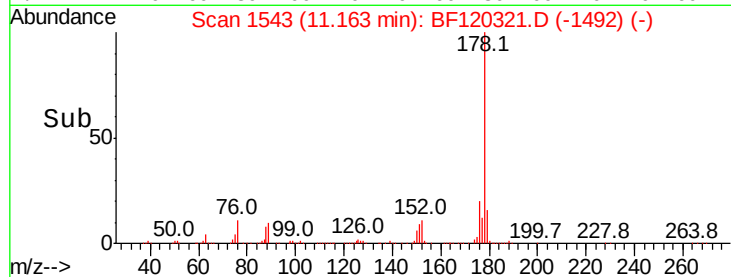
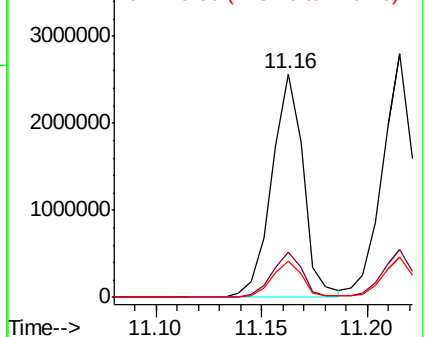
179 16.3 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 48.429 ng

RT: 11.22 min Scan# 1552

Delta R.T. 0.01 min

Lab File: BF120321.D

Acq: 15 May 2020 15:03

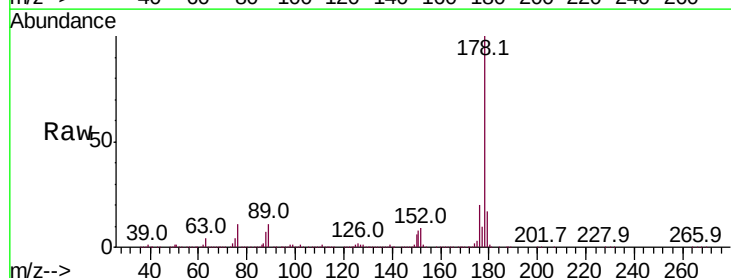
Tgt Ion:178 Resp: 2997156

Ion Ratio Lower Upper

178 100

176 19.8 15.7 23.5

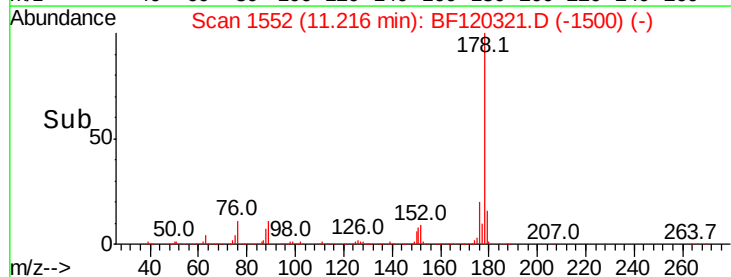
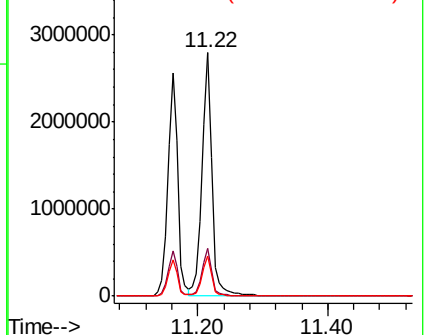
179 16.6 13.0 19.6

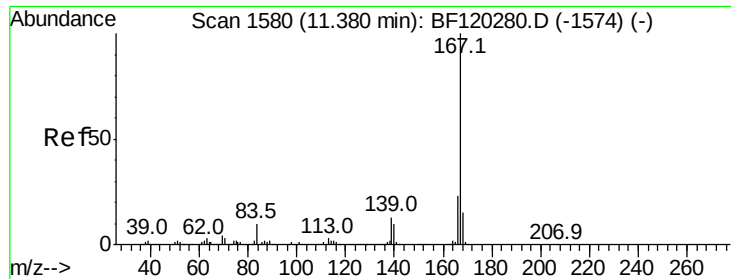


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



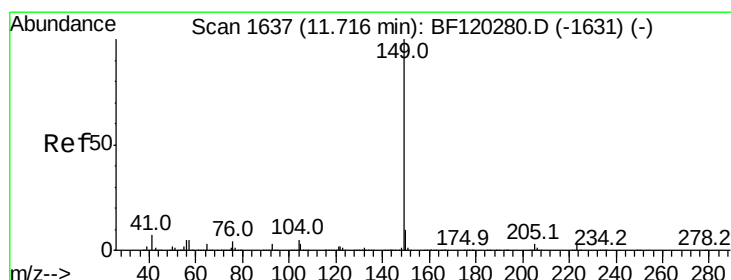
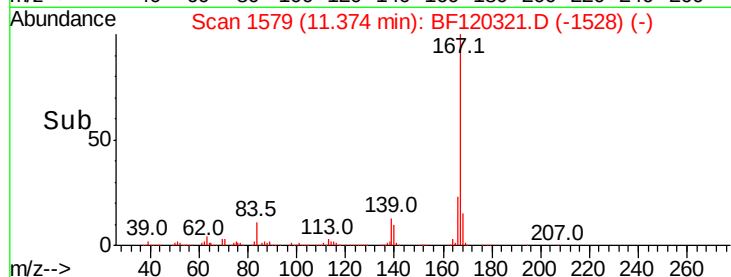
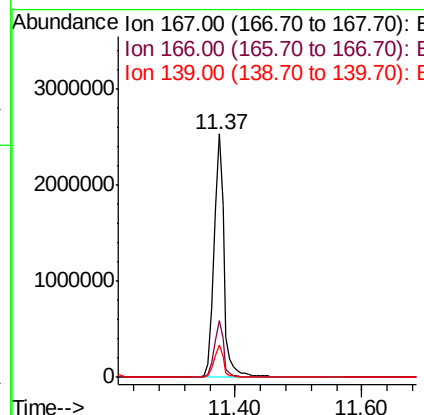
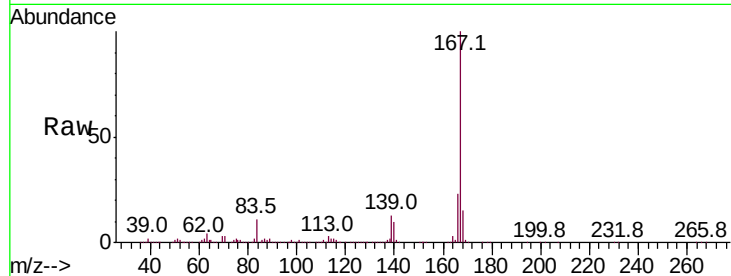


#73
 Carbazole
 Concen: 48.915 ng
 RT: 11.37 min Scan# 1579
 Delta R.T. -0.00 min
 Lab File: BF120321.D
 Acq: 15 May 2020 15:03

Instrument :
 BNA_F
 ClientSampleId :
 TP-B-DMS

Tot Ion:167 Resp: 2828532

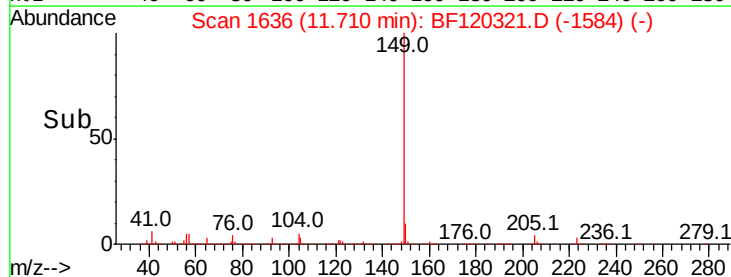
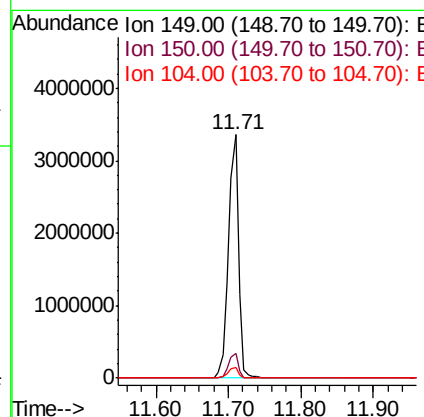
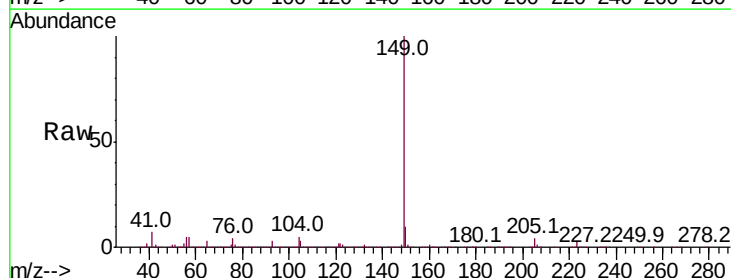
Ion	Ratio	Lower	Upper
167	100		
166	23.1	18.1	27.1
139	13.5	10.6	15.8

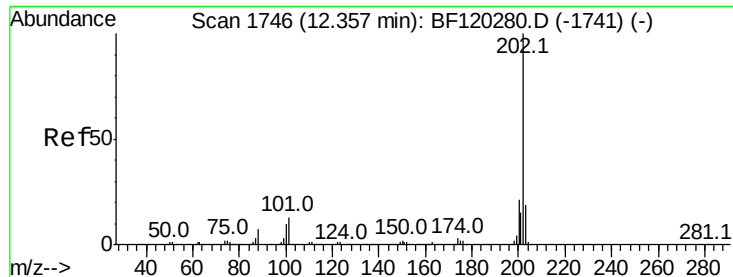


#74
 Di-n-butylphthalate
 Concen: 46.902 ng
 RT: 11.71 min Scan# 1636
 Delta R.T. 0.01 min
 Lab File: BF120321.D
 Acq: 15 May 2020 15:03

Tgt Ion:149 Resp: 3268578

Ion	Ratio	Lower	Upper
149	100		
150	10.1	8.2	12.4
104	4.6	3.8	5.8





#75

Fluoranthene

Concen: 46.924 ng

RT: 12.35 min Scan# 1745

Delta R.T. 0.01 min

Lab File: BF120321.D

Acq: 15 May 2020 15:03

Instrument :

BNA_F

ClientSampleId :

TP-B-DMS

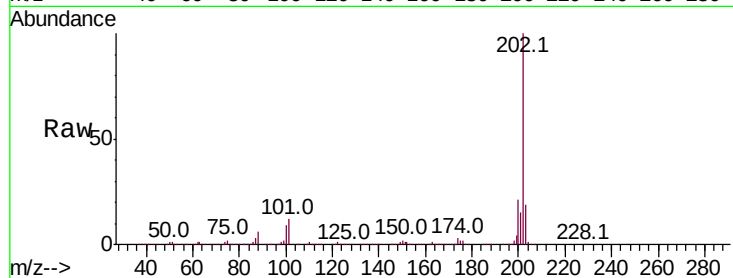
Tot Ion:202 Resp: 2907508

Ion Ratio Lower Upper

202 100

101 12.4 0.0 33.2

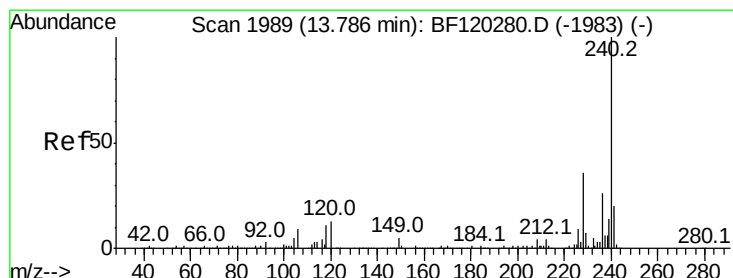
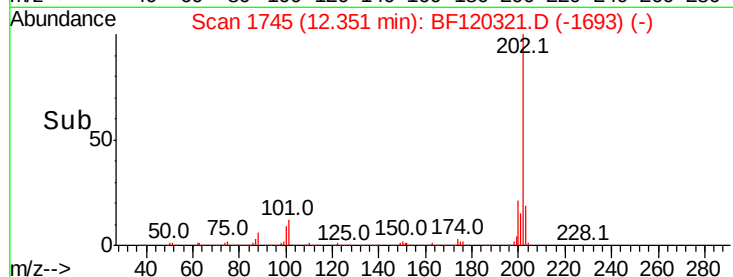
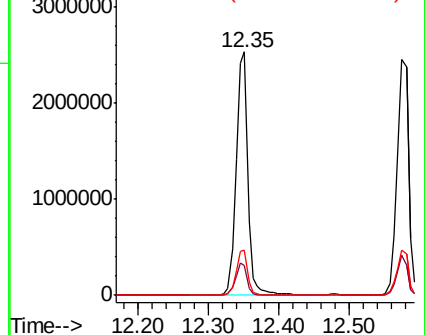
203 18.8 0.0 39.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.77 min Scan# 1987

Delta R.T. -0.00 min

Lab File: BF120321.D

Acq: 15 May 2020 15:03

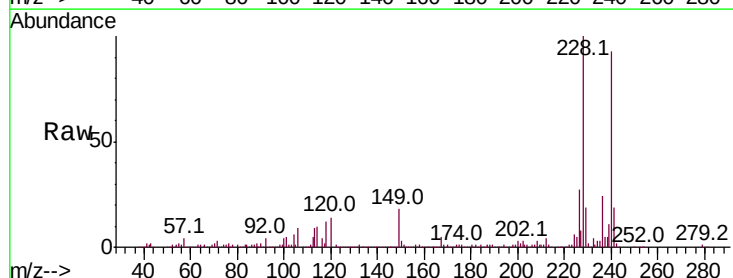
Tgt Ion:240 Resp: 823889

Ion Ratio Lower Upper

240 100

120 14.5 10.4 15.6

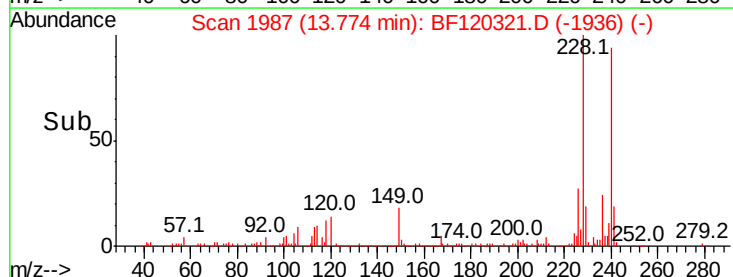
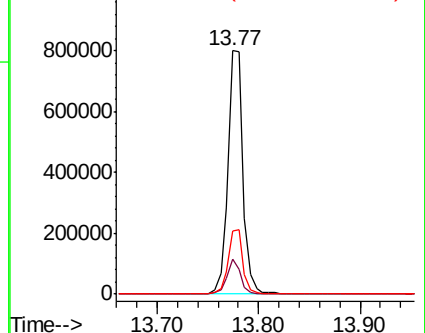
236 25.9 21.0 31.6

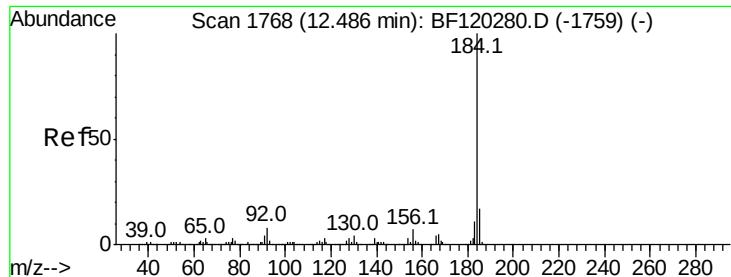


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 74.779 ng

RT: 12.48 min Scan# 1767

Delta R.T. 0.01 min

Lab File: BF120321.D

Acq: 15 May 2020 15:03

Instrument :

BNA_F

ClientSampleId :

TP-B-DMS

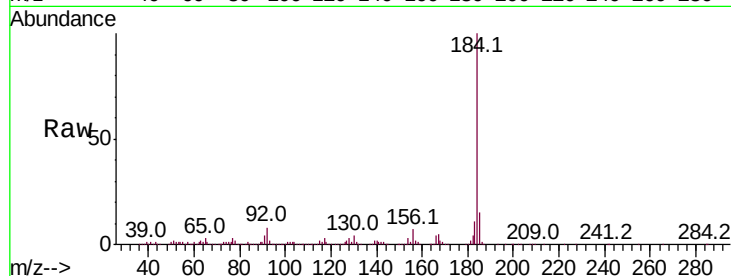
Tot Ion:184 Resp: 1799104

Ion Ratio Lower Upper

184 100

185 14.7 13.7 20.5

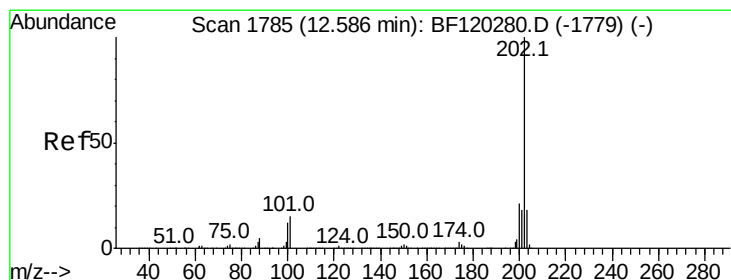
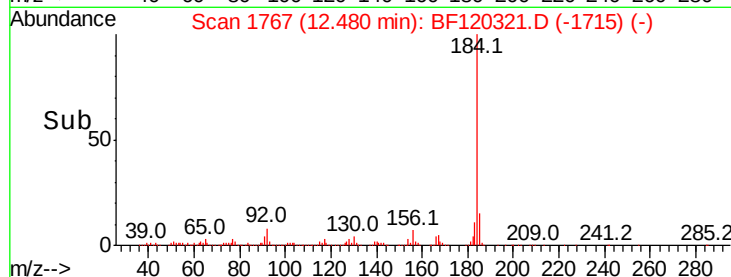
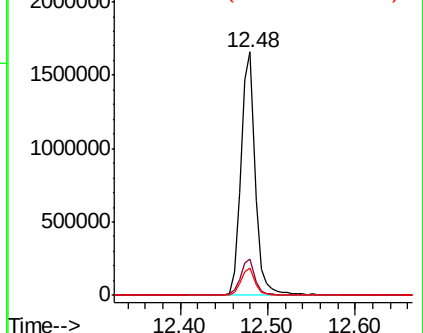
183 11.4 8.7 13.1



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: 48.633 ng

RT: 12.57 min Scan# 1783

Delta R.T. -0.00 min

Lab File: BF120321.D

Acq: 15 May 2020 15:03

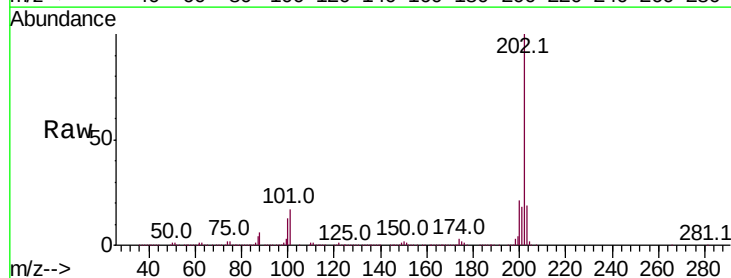
Tgt Ion:202 Resp: 2856455

Ion Ratio Lower Upper

202 100

200 21.3 16.6 25.0

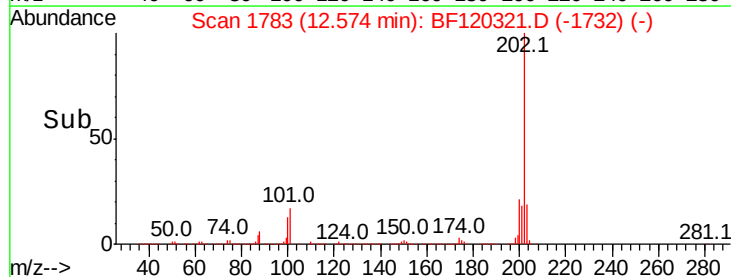
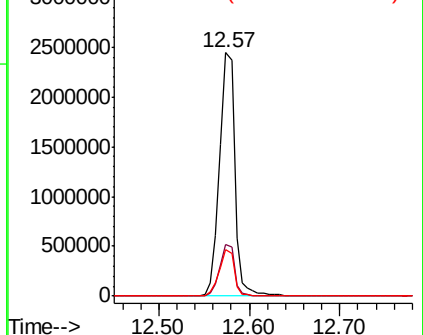
203 19.1 14.6 22.0

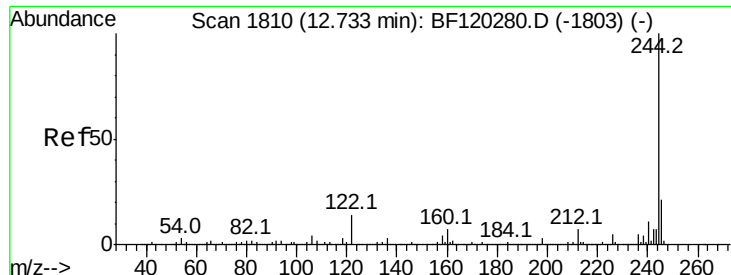


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 88.187 ng

RT: 12.73 min Scan# 1809

Delta R.T. 0.01 min

Lab File: BF120321.D

Acq: 15 May 2020 15:03

Instrument :

BNA_F

ClientSampleId :

TP-B-DMS

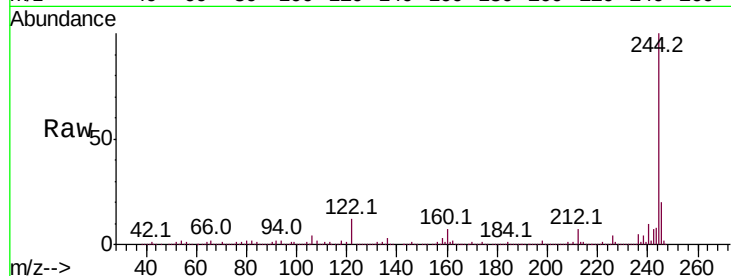
Tot Ion:244 Resp: 3288791

Ion Ratio Lower Upper

244 100

212 6.6 5.8 8.6

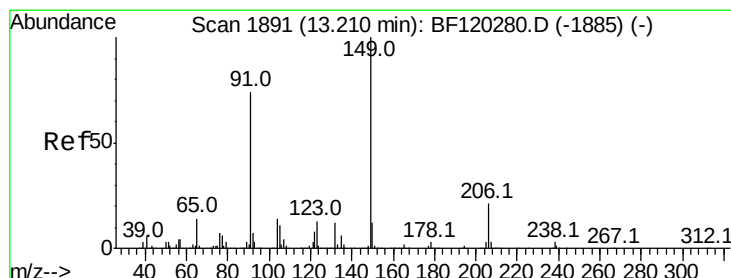
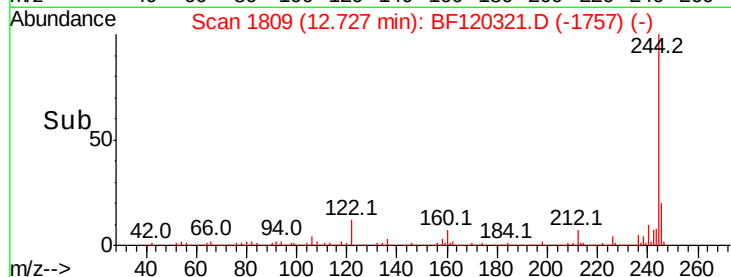
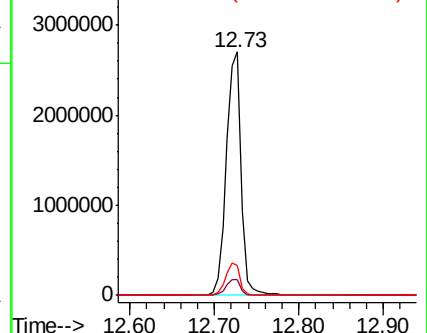
122 12.4 10.8 16.2



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: 54.281 ng

RT: 13.20 min Scan# 1890

Delta R.T. 0.01 min

Lab File: BF120321.D

Acq: 15 May 2020 15:03

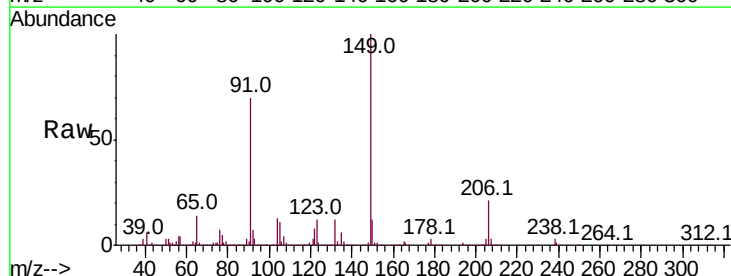
Tgt Ion:149 Resp: 1501290

Ion Ratio Lower Upper

149 100

91 69.7 59.0 88.4

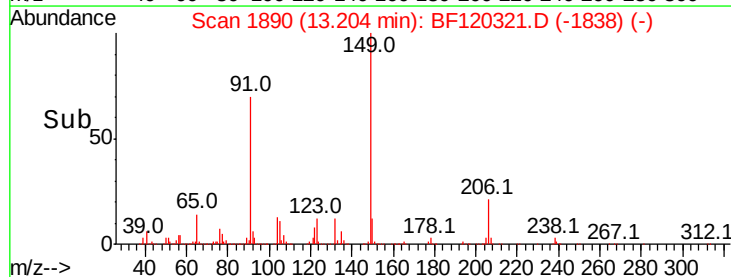
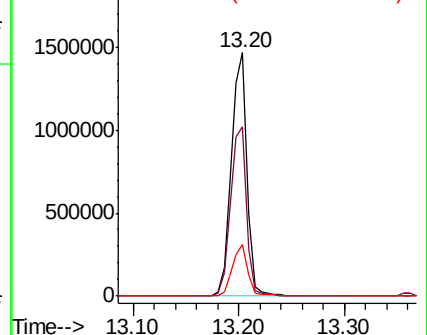
206 21.3 16.8 25.2

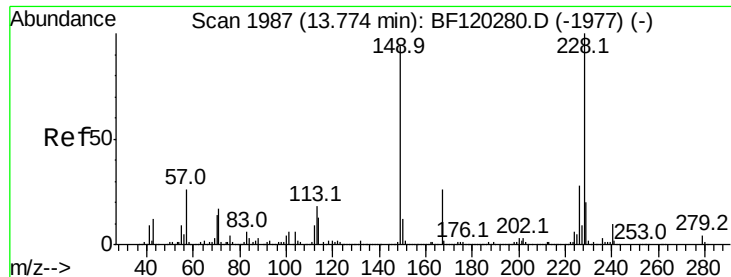


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

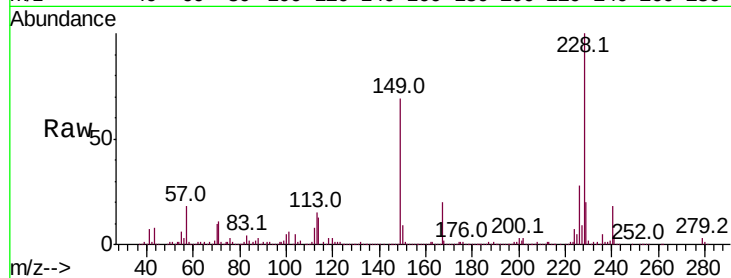




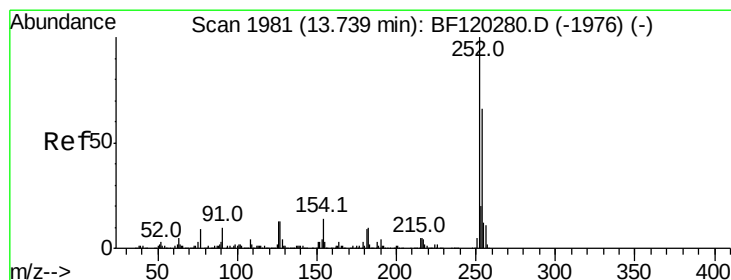
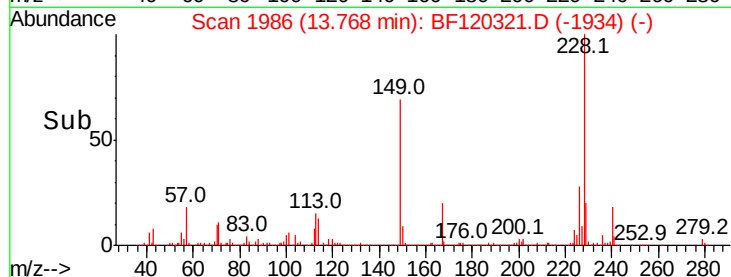
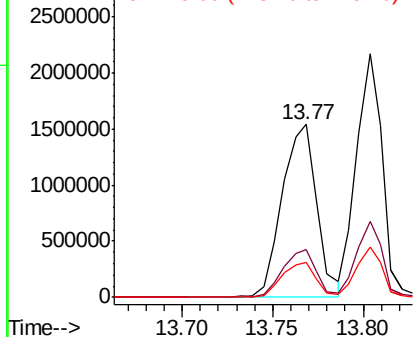
#81
Benzo(a)anthracene
Concen: 47.439 ng
RT: 13.77 min Scan# 1986
Delta R.T. 0.01 min
Lab File: BF120321.D
Acq: 15 May 2020 15:03

Instrument :
BNA_F
ClientSampleId :
TP-B-DMS

Tot Ion:228 Resp: 2061444
Ion Ratio Lower Upper
228 100
226 27.9 22.6 33.8
229 20.0 16.4 24.6

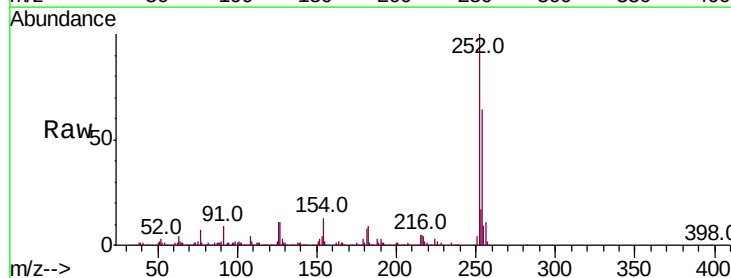


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

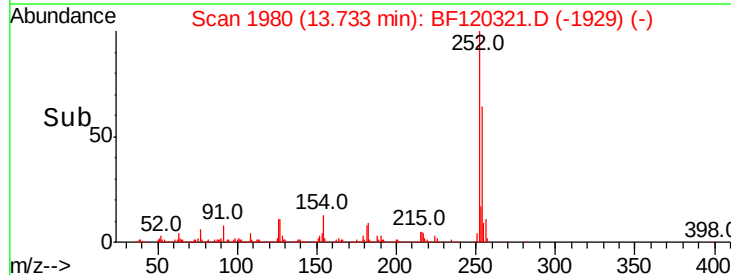
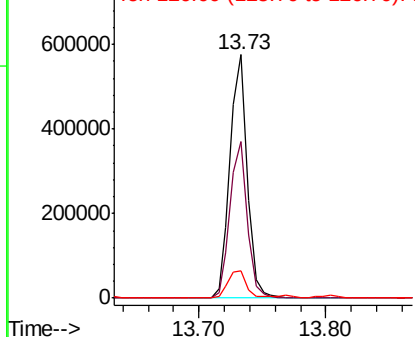


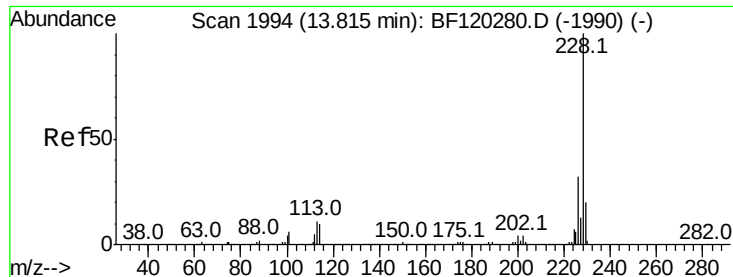
#82
3,3'-Dichlorobenzidine
Concen: 33.055 ng
RT: 13.73 min Scan# 1980
Delta R.T. -0.00 min
Lab File: BF120321.D
Acq: 15 May 2020 15:03

Tgt Ion:252 Resp: 541297
Ion Ratio Lower Upper
252 100
254 64.5 52.6 78.8
126 11.3 10.7 16.1



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: 47.101 ng

RT: 13.80 min Scan# 1992

Delta R.T. -0.00 min

Lab File: BF120321.D

Acq: 15 May 2020 15:03

Instrument :

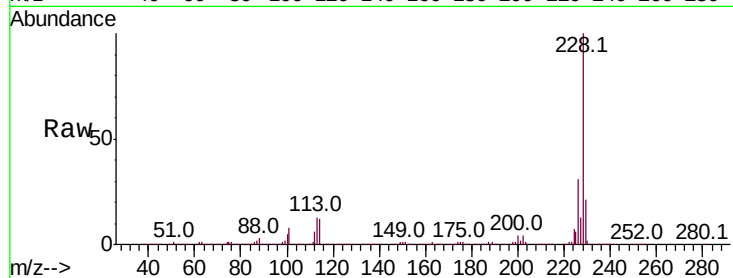
BNA_F

ClientSampleId :

TP-B-DMS

Tot Ion:228 Resp: 2197849

Ion	Ratio	Lower	Upper
228	100		
226	31.2	25.0	37.6
229	20.9	16.2	24.4

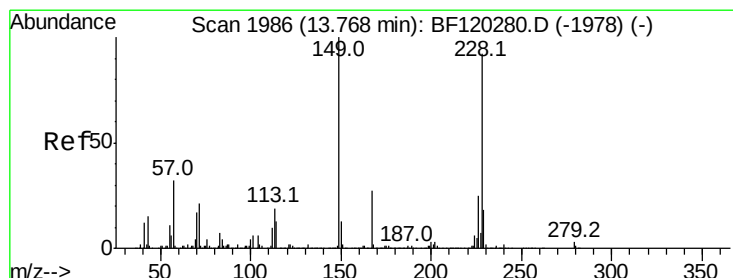
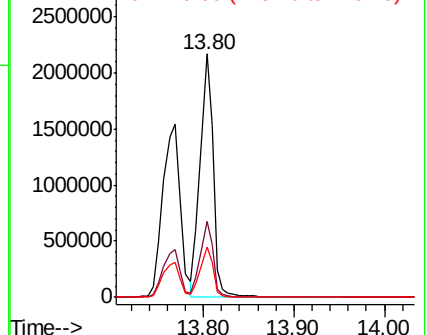
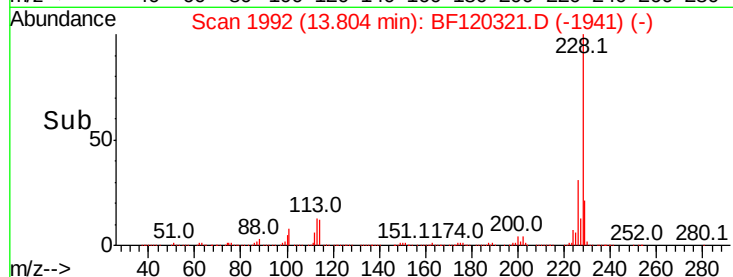


Abundance

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: 46.425 ng

RT: 13.76 min Scan# 1985

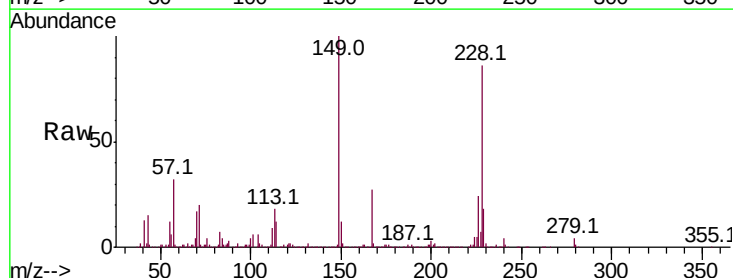
Delta R.T. -0.00 min

Lab File: BF120321.D

Acq: 15 May 2020 15:03

Tgt Ion:149 Resp: 1597512

Ion	Ratio	Lower	Upper
149	100		
167	27.5	21.8	32.8
279	3.6	2.8	4.2

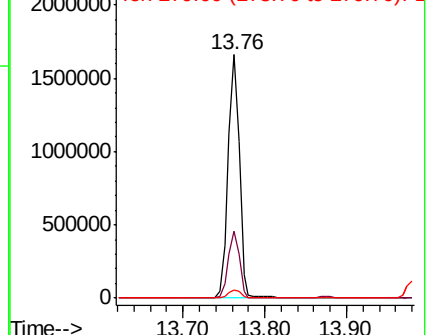
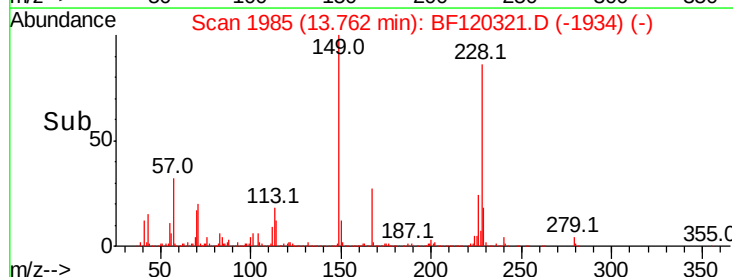


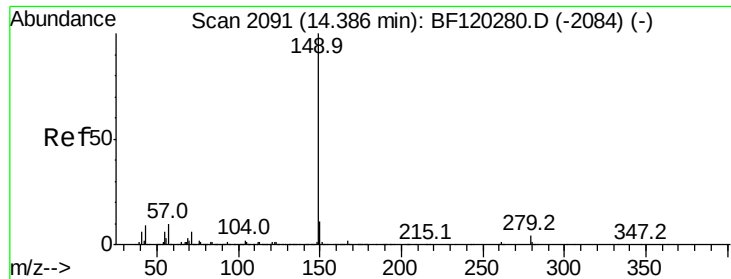
Abundance

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

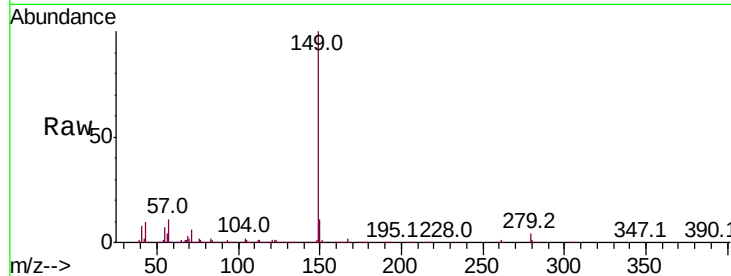




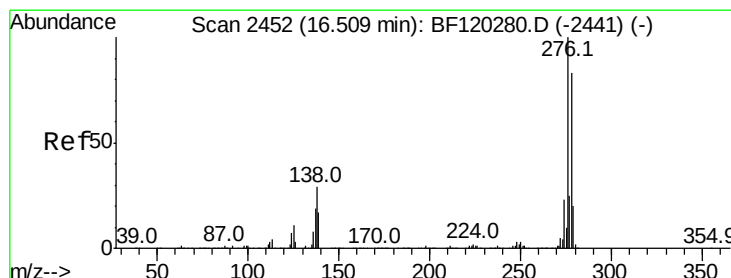
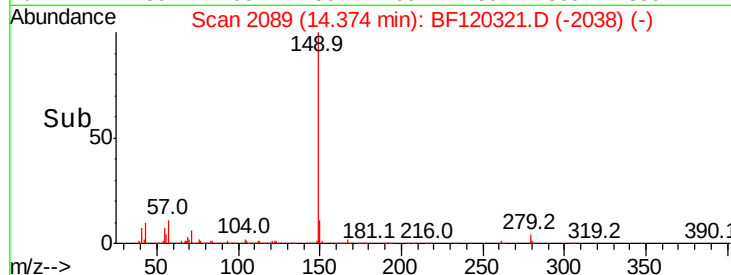
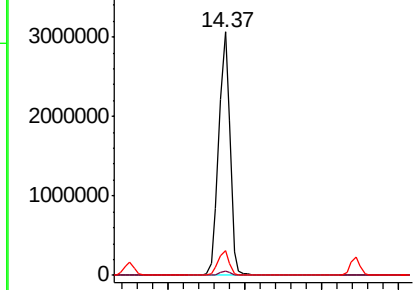
#85
Di-n-octyl phthalate
Concen: 49.528 ng
RT: 14.37 min Scan# 2089
Delta R.T. -0.00 min
Lab File: BF120321.D
Acq: 15 May 2020 15:03

Instrument :
BNA_F
ClientSampleId :
TP-B-DMS

Tot Ion:149 Resp: 3065992
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.9 7.5 11.3

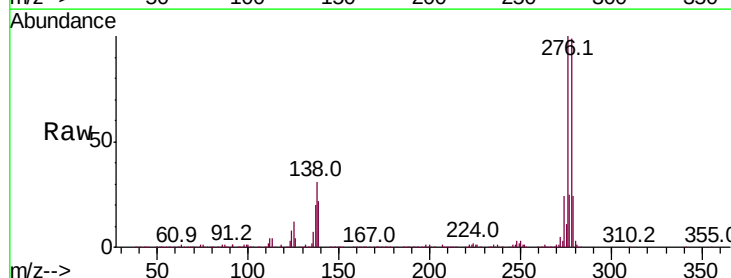


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

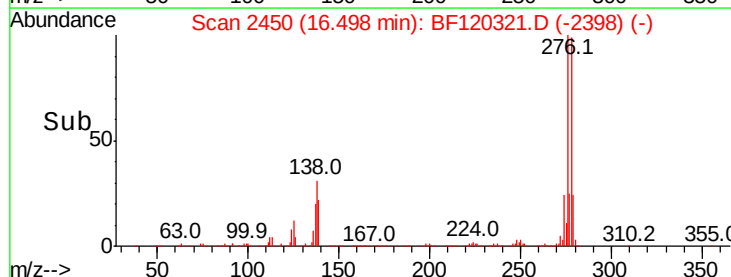
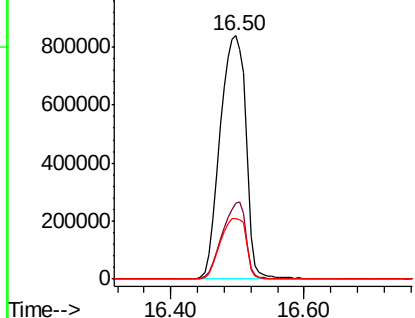


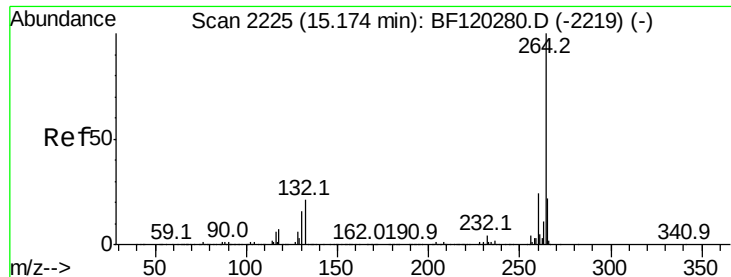
#86
Indeno(1,2,3-cd)pyrene
Concen: 54.442 ng
RT: 16.50 min Scan# 2450
Delta R.T. 0.01 min
Lab File: BF120321.D
Acq: 15 May 2020 15:03

Tgt Ion:276 Resp: 2305636
Ion Ratio Lower Upper
276 100
138 29.1 23.3 34.9
277 25.3 20.2 30.4



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: 15.16 min Scan# 2223

Delta R.T. -0.00 min

Lab File: BF120321.D

Acq: 15 May 2020 15:03

Instrument :

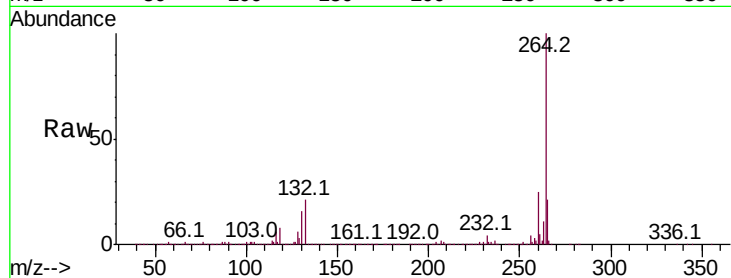
BNA_F

ClientSampleId :

TP-B-DMS

Tot Ion:264 Resp: 789407

Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.0	28.6
265	21.2	17.5	26.3

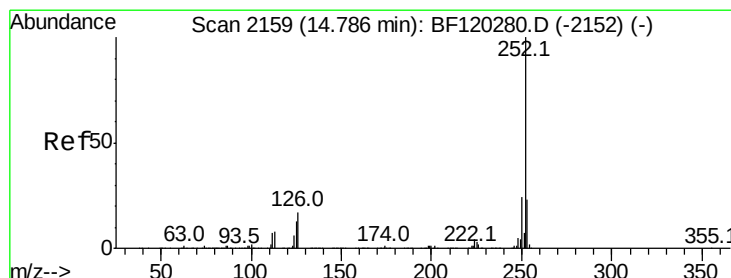
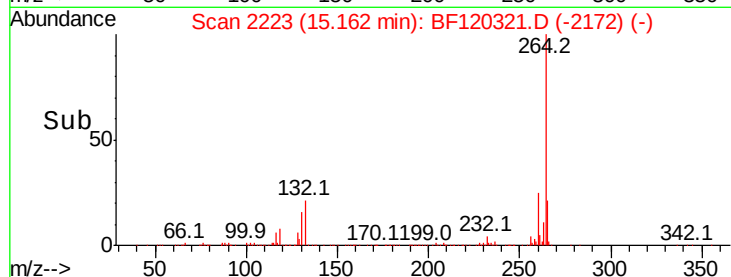
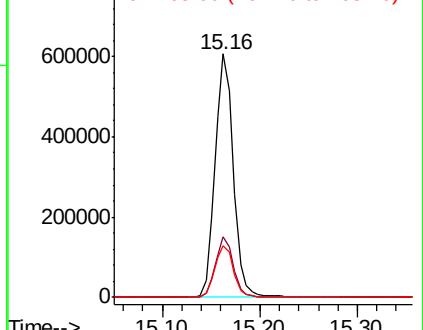


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 50.058 ng

RT: 14.78 min Scan# 2158

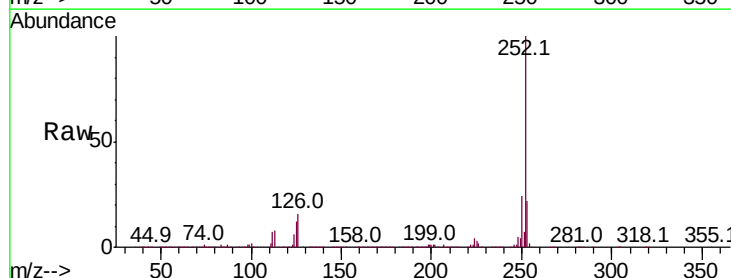
Delta R.T. -0.00 min

Lab File: BF120321.D

Acq: 15 May 2020 15:03

Tgt Ion:252 Resp: 2158068

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.1	27.1
125	12.2	10.4	15.6

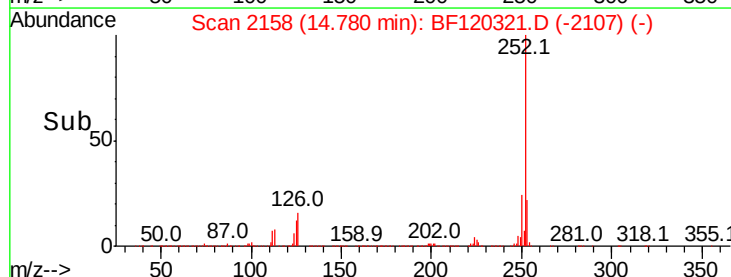
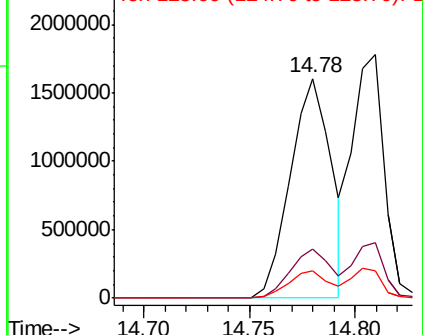


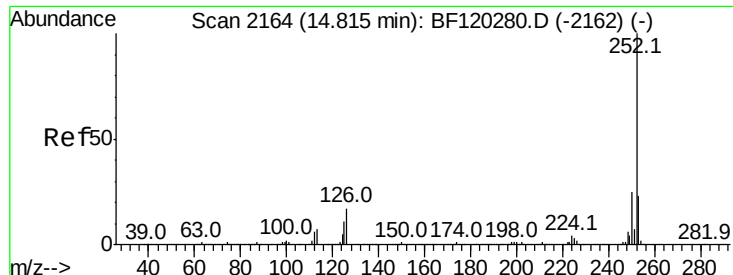
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

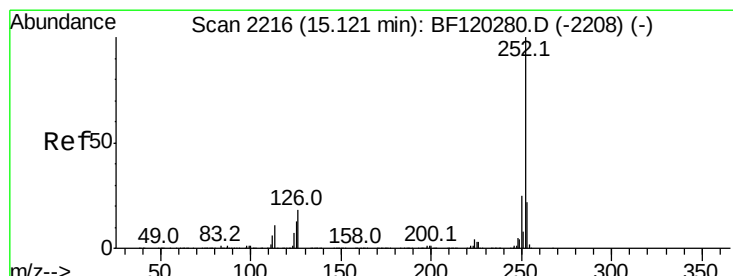
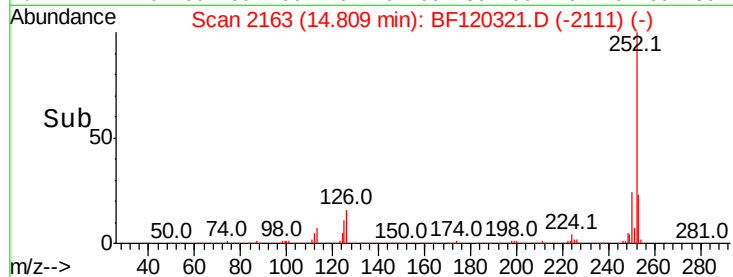
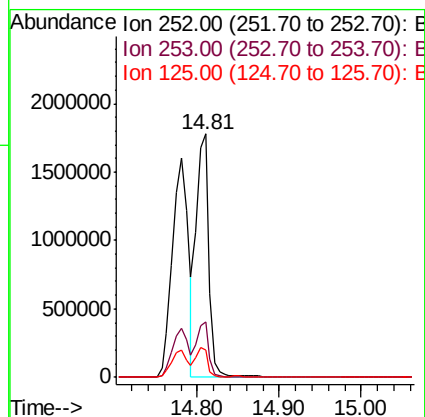
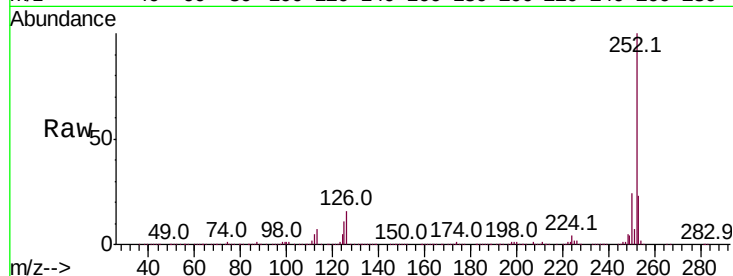




#89
Benzo(k)fluoranthene
Concen: 51.144 ng
RT: 14.81 min Scan# 2163
Delta R.T. 0.01 min
Lab File: BF120321.D
Acq: 15 May 2020 15:03

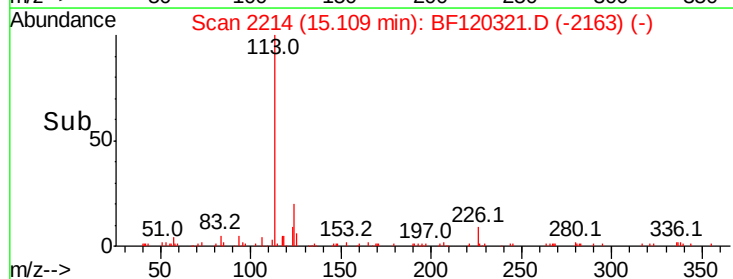
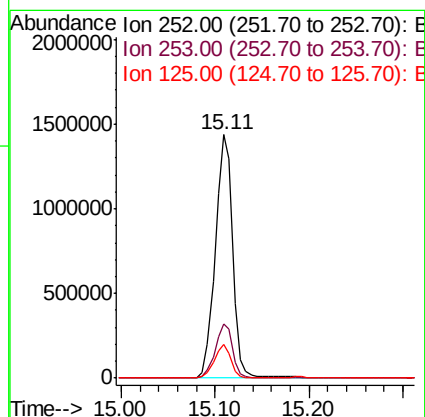
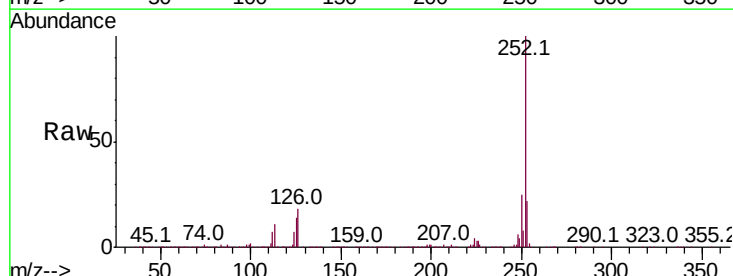
Instrument :
BNA_F
ClientSampleId :
TP-B-DMS

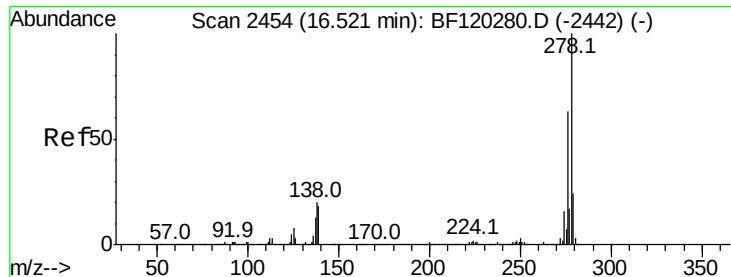
Tot Ion:252 Resp: 1910259
Ion Ratio Lower Upper
252 100
253 22.8 18.2 27.2
125 11.2 9.9 14.9



#90
Benzo(a)pyrene
Concen: 48.367 ng
RT: 15.11 min Scan# 2214
Delta R.T. -0.00 min
Lab File: BF120321.D
Acq: 15 May 2020 15:03

Tgt Ion:252 Resp: 1870033
Ion Ratio Lower Upper
252 100
253 22.4 17.6 26.4
125 14.0 10.6 16.0





#91

Dibenzo(a,h)anthracene

Concen: 55.223 ng

RT: 16.51 min Scan# 2452

Delta R.T. 0.01 min

Lab File: BF120321.D

Acq: 15 May 2020 15:03

Instrument :

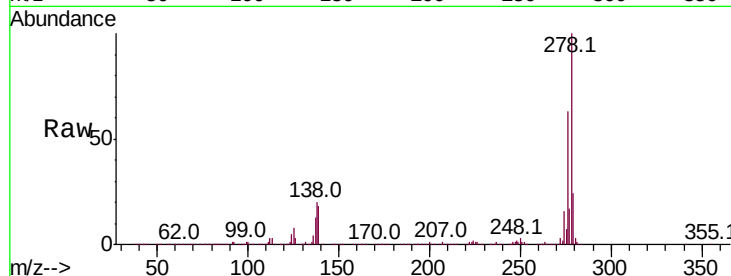
BNA_F

ClientSampleId :

TP-B-DMS

Tot Ion:278 Resp: 1891511

Ion	Ratio	Lower	Upper
278	100		
139	18.1	14.7	22.1
279	24.2	19.2	28.8

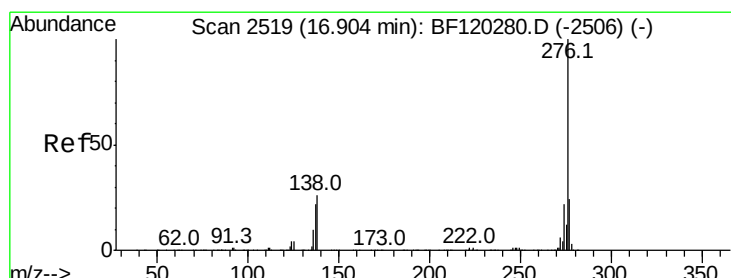
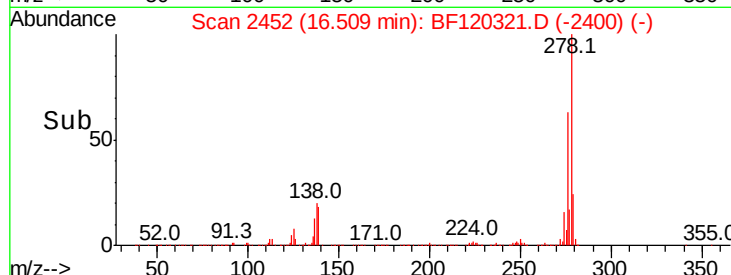
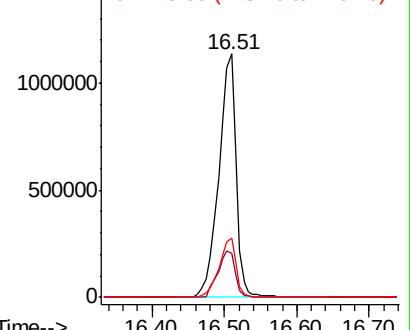


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 56.687 ng

RT: 16.89 min Scan# 2517

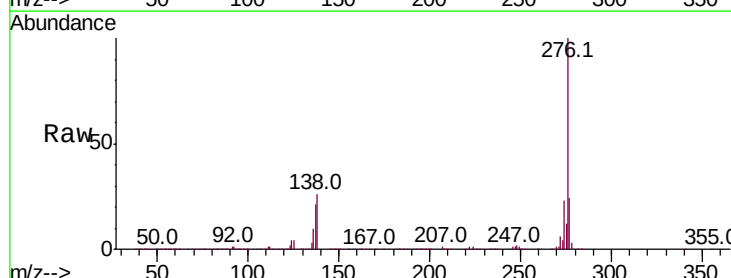
Delta R.T. 0.01 min

Lab File: BF120321.D

Acq: 15 May 2020 15:03

Tgt Ion:276 Resp: 1957947

Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.1	28.7
138	26.0	20.8	31.2



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

