

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF110819\
 Data File : BF117745.D
 Acq On : 8 Nov 2019 21:37
 Operator : JU
 Sample : K5722-19MS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 3-CMS

Quant Time: Nov 09 01:26:08 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 06 17:27:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	338924	20.00	ng	-0.01
21) Naphthalene-d8	8.22	136	1326433	20.00	ng	-0.01
39) Acenaphthene-d10	9.98	164	718190	20.00	ng	0.00
64) Phenanthrene-d10	11.47	188	1367692	20.00	ng	0.00
76) Chrysene-d12	14.12	240	709062	20.00	ng	0.00
87) Perylene-d12	15.63	264	785924	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.55	112	2128915	113.70	ng	0.00
7) Phenol-d6	6.56	99	2795434	121.08	ng	0.00
23) Nitrobenzene-d5	7.49	82	1791692	79.75	ng	-0.01
42) 2,4,6-Tribromophenol	10.77	330	861068	122.56	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	3101302	85.20	ng	0.00
79) Terphenyl-d14	13.06	244	3055283	88.70	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.79	88	338271	36.260	ng	99
3) Pyridine	3.55	79	896374	34.931	ng	97
4) n-Nitrosodimethylamine	3.50	42	474749	41.982	ng	97
6) Aniline	6.59	93	1221912	37.713	ng	98
8) 2-Chlorophenol	6.72	128	976031	46.860	ng	98
9) Benzaldehyde	6.47	77	536471	33.397	ng	98
10) Phenol	6.57	94	1206950	48.517	ng	97
11) bis(2-Chloroethyl)ether	6.66	93	919226	44.748	ng	98
12) 1,3-Dichlorobenzene	6.87	146	1039082	43.037	ng	98
13) 1,4-Dichlorobenzene	6.95	146	1062426	43.959	ng	98
14) 1,2-Dichlorobenzene	7.10	146	988044	44.400	ng	98
15) Benzyl Alcohol	7.07	79	878335	47.715	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.20	45	1355102	41.721	ng	99
17) 2-Methylphenol	7.17	107	842009	47.069	ng	99
18) Hexachloroethane	7.45	117	383303	42.906	ng	94
19) n-Nitroso-di-n-propylamine	7.35	70	654747	43.132	ng	98
20) 3+4-Methylphenols	7.33	107	989789	46.466	ng	94
22) Acetophenone	7.34	105	1280748	42.246	ng	# 98
24) Nitrobenzene	7.52	77	1046327	44.599	ng	97
25) Isophorone	7.76	82	1922628	44.742	ng	100
26) 2-Nitrophenol	7.83	139	556146	51.062	ng	98
27) 2,4-Dimethylphenol	7.86	122	967147	52.663	ng	98
28) bis(2-Chloroethoxy)methane	7.96	93	1162142	42.131	ng	100
29) 2,4-Dichlorophenol	8.07	162	873006	46.141	ng	99
30) 1,2,4-Trichlorobenzene	8.16	180	931668	43.014	ng	98
31) Naphthalene	8.24	128	2784082	45.920	ng	100
32) Benzoic acid	7.99	122	732156	50.364	ng	94
33) 4-Chloroaniline	8.28	127	686736	24.377	ng	98
34) Hexachlorobutadiene	8.36	225	515642	41.572	ng	97
35) Caprolactam	8.66	113	187959	29.972	ng	98
36) 4-Chloro-3-methylphenol	8.76	107	924724	48.434	ng	98
37) 2-Methylnaphthalene	8.93	142	1944575	47.113	ng	100
38) 1-Methylnaphthalene	9.03	142	1832618	46.755	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.10	216	841446	42.826	ng	99

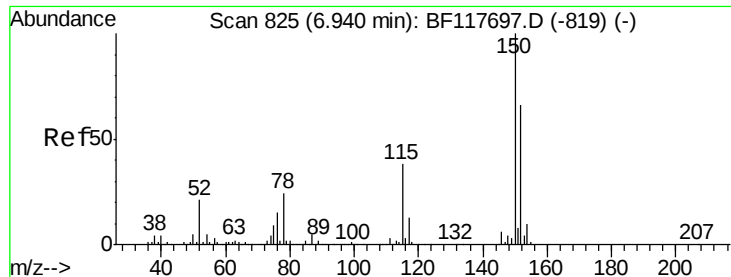
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF110819\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.09	237	866675	81.764	ng	98
43) 2,4,6-Trichlorophenol	9.21	196	656850	45.902	ng	99
44) 2,4,5-Trichlorophenol	9.25	196	710362	48.974	ng	99
46) 1,1'-Biphenyl	9.40	154	2299124	45.709	ng	99
47) 2-Chloronaphthalene	9.43	162	1812210	43.415	ng	99
48) 2-Nitroaniline	9.52	65	591150	45.192	ng	98
49) Acenaphthylene	9.85	152	2908071	47.839	ng	99
50) Dimethylphthalate	9.70	163	2478382	51.046	ng	99
51) 2,6-Dinitrotoluene	9.76	165	524573	48.250	ng	# 85
52) Acenaphthene	10.02	154	1856690	47.334	ng	99
53) 3-Nitroaniline	9.93	138	384904	29.345	ng	96
54) 2,4-Dinitrophenol	10.03	184	322956	86.648	ng	# 80
55) Dibenzofuran	10.19	168	2559324	46.628	ng	99
56) 4-Nitrophenol	10.09	139	892605	90.489	ng	97
57) 2,4-Dinitrotoluene	10.16	165	695223	49.849	ng	# 89
58) Fluorene	10.53	166	1869993	46.226	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.30	232	575958	47.767	ng	100
60) Diethylphthalate	10.40	149	2175078	45.553	ng	99
61) 4-Chlorophenyl-phenylether	10.52	204	951320	45.175	ng	98
62) 4-Nitroaniline	10.55	138	532174	41.222	ng	97
63) Azobenzene	10.69	77	2050380	45.338	ng	95
65) 4,6-Dinitro-2-methylphenol	10.57	198	252848	46.298	ng	85
66) n-Nitrosodiphenylamine	10.64	169	1786768	44.233	ng	99
67) 4-Bromophenyl-phenylether	11.02	248	652018	43.652	ng	96
68) Hexachlorobenzene	11.08	284	725905	42.069	ng	97
69) Atrazine	11.17	200	635547	47.745	ng	99
70) Pentachlorophenol	11.27	266	797600	82.687	ng	99
71) Phenanthrene	11.50	178	3107808	47.407	ng	100
72) Anthracene	11.55	178	2978390	45.666	ng	98
73) Carbazole	11.70	167	2633053	44.162	ng	100
74) Di-n-butylphthalate	12.03	149	3234804	44.619	ng	99
75) Fluoranthene	12.69	202	3642136	54.410	ng	98
77) Benzidine	12.80	184	994457	40.340	ng	98
78) Pyrene	12.92	202	3524429	68.091	ng	97
80) Butylbenzylphthalate	13.54	149	1295395	54.182	ng	91
81) Benzo(a)anthracene	14.11	228	2446262	55.425	ng	98
82) 3,3'-Dichlorobenzidine	14.07	252	646952	39.247	ng	97
83) Chrysene	14.15	228	2459781	56.434	ng	99
84) Bis(2-ethylhexyl)phthalate	14.10	149	1764200	57.204	ng	98
85) Di-n-octyl phthalate	14.72	149	2780041	57.284	ng	98
86) Indeno(1,2,3-cd)pyrene	17.17	276	2564776	63.222	ng	99
88) Benzo(b)fluoranthene	15.19	252	2925365	59.100	ng	99
89) Benzo(k)fluoranthene	15.22	252	1988205	45.035	ng	98
90) Benzo(a)pyrene	15.57	252	2216655	51.659	ng	99
91) Dibenzo(a,h)anthracene	17.19	278	1931874	50.200	ng	99
92) Benzo(g,h,i)perylene	17.64	276	2129288	57.092	ng	100

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

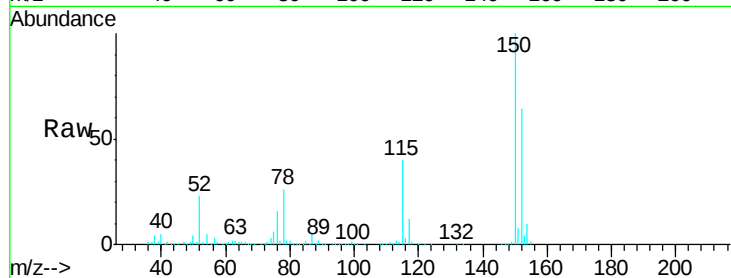


#1

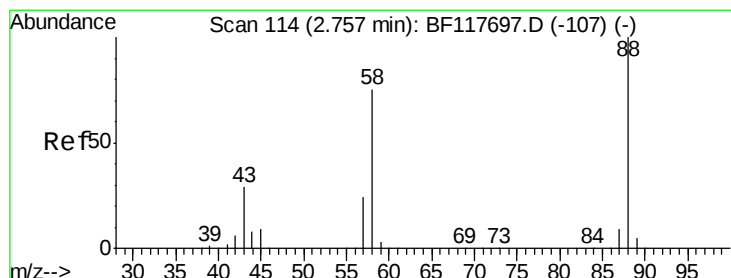
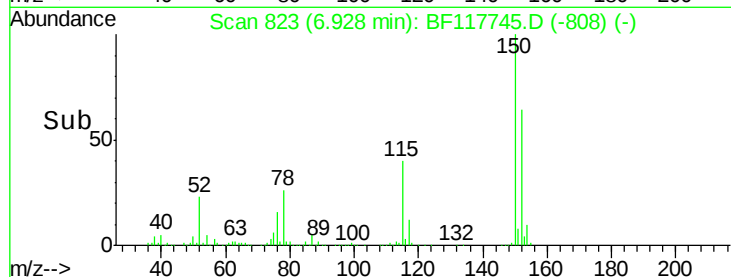
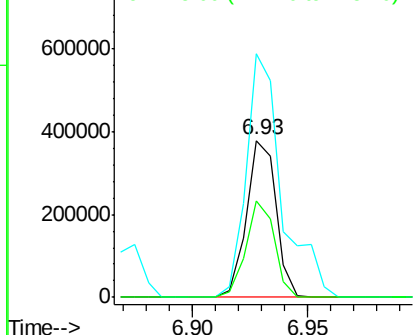
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 823
Delta R.T. -0.01 min
Lab File: BF117745.D
Acq: 8 Nov 2019 21:37

Instrument :
BNA_F
ClientSampleId :
3-CMS

Tgt Ion:152 Resp: 338924
Ion Ratio Lower Upper
152 100
150 155.1 121.4 182.2
115 61.5 46.7 70.1



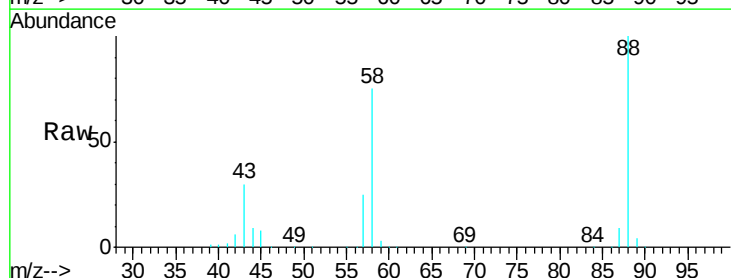
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



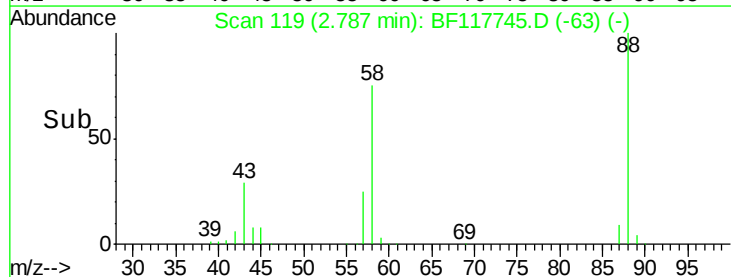
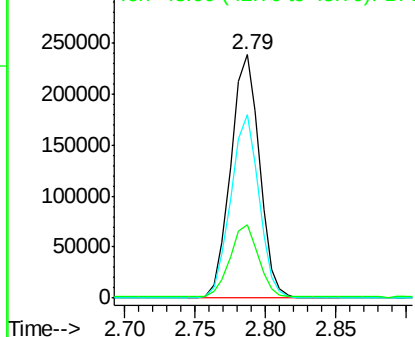
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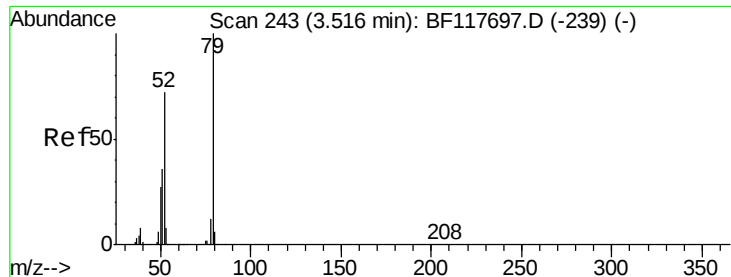
1,4-Dioxane
Concen: 36.260 ng
RT: 2.79 min Scan# 119
Delta R.T. 0.03 min
Lab File: BF117745.D
Acq: 8 Nov 2019 21:37

Tgt Ion: 88 Resp: 338271
Ion Ratio Lower Upper
88 100
58 74.2 60.1 90.1
43 29.5 24.0 36.0



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1

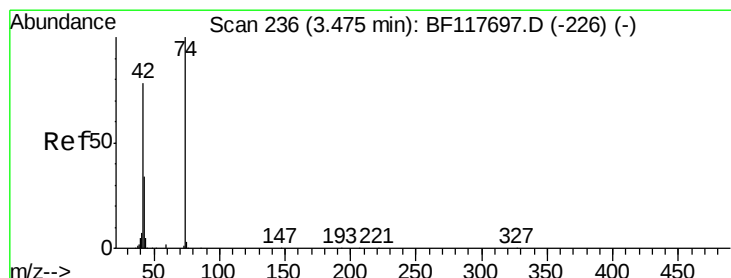
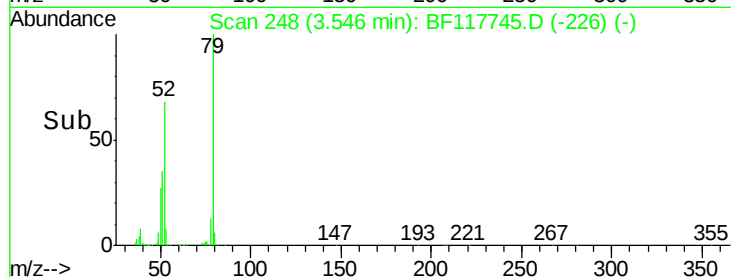
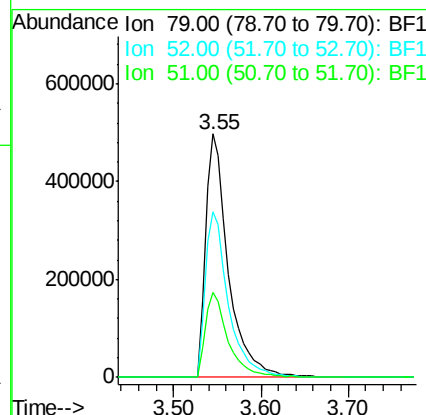
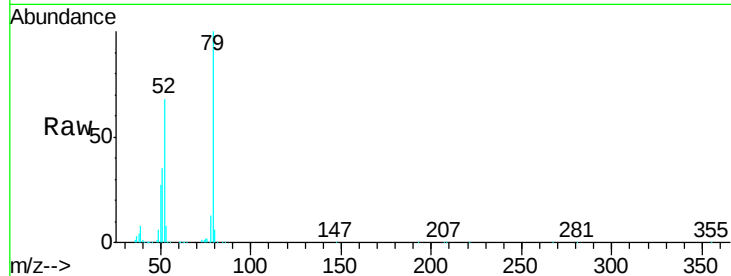




#3
 Pyridine
 Concen: 34.931 ng
 RT: 3.55 min Scan# 248
 Delta R.T. 0.03 min
 Lab File: BF117745.D
 Acq: 8 Nov 2019 21:37

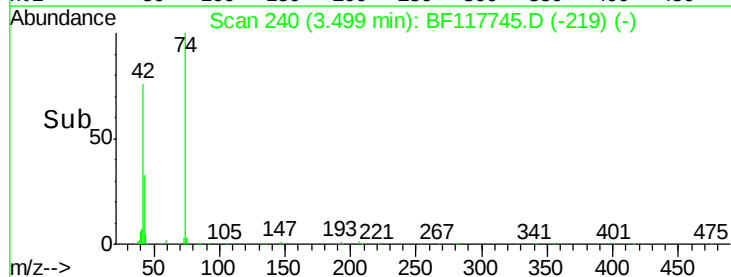
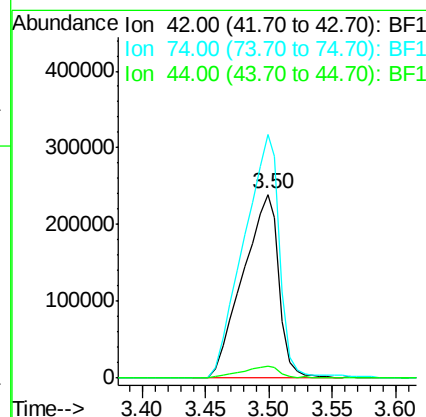
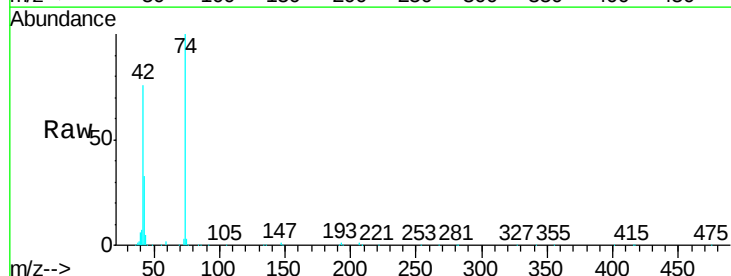
Instrument :
 BNA_F
 ClientSampleId :
 3-CMS

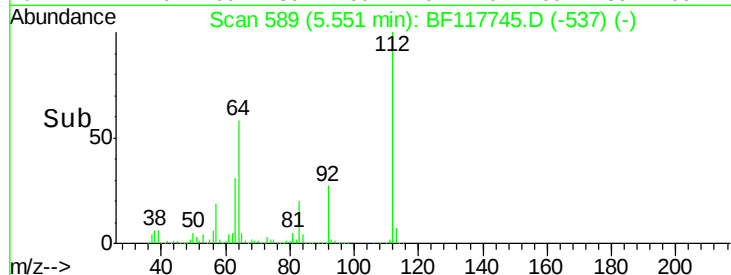
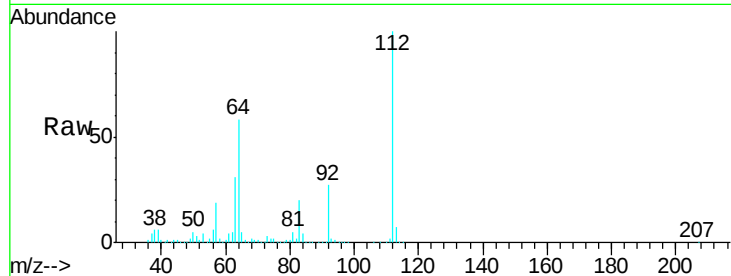
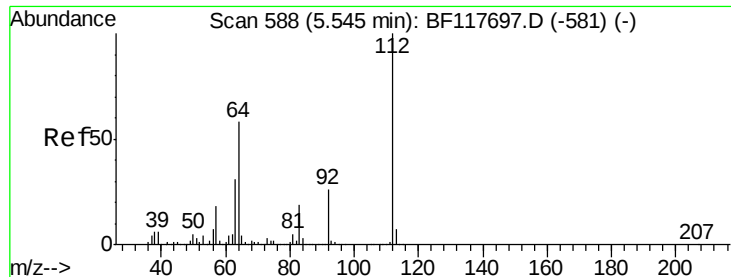
Tgt Ion: 79 Resp: 896374
 Ion Ratio Lower Upper
 79 100
 52 68.3 57.2 85.8
 51 34.9 28.6 42.8



#4
 n-Nitrosodimethylamine
 Concen: 41.982 ng
 RT: 3.50 min Scan# 240
 Delta R.T. 0.02 min
 Lab File: BF117745.D
 Acq: 8 Nov 2019 21:37

Tgt Ion: 42 Resp: 474749
 Ion Ratio Lower Upper
 42 100
 74 132.4 103.1 154.7
 44 6.4 5.0 7.6





#5

2-Fluorophenol

Concen: 113.703 ng

RT: 5.55 min Scan# 589

Delta R.T. 0.01 min

Lab File: BF117745.D

Acq: 8 Nov 2019 21:37

Instrument :

BNA_F

ClientSampleId :

3-CMS

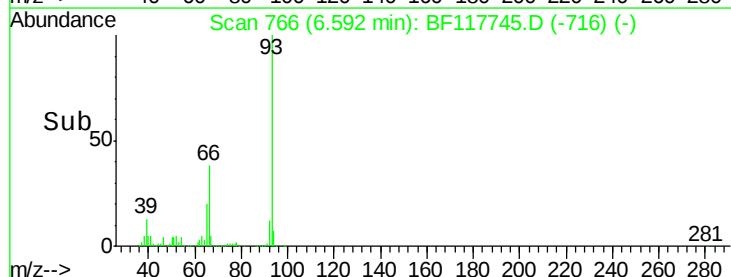
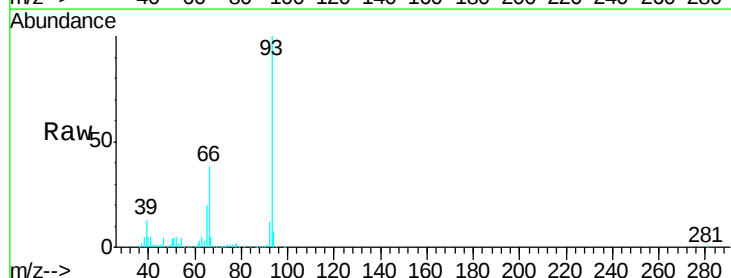
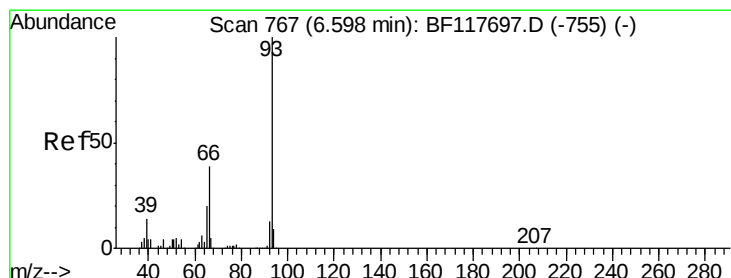
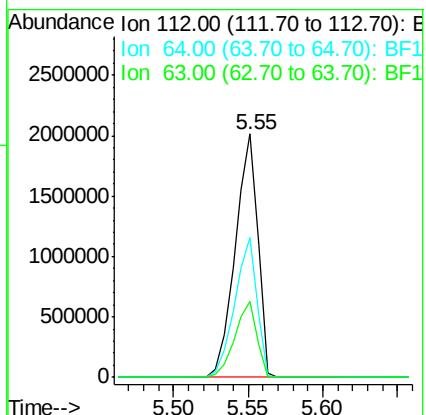
Tgt Ion:112 Resp: 2128915

Ion Ratio Lower Upper

112 100

64 57.6 46.4 69.6

63 31.5 24.6 37.0



#6

Aniline

Concen: 37.713 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF117745.D

Acq: 8 Nov 2019 21:37

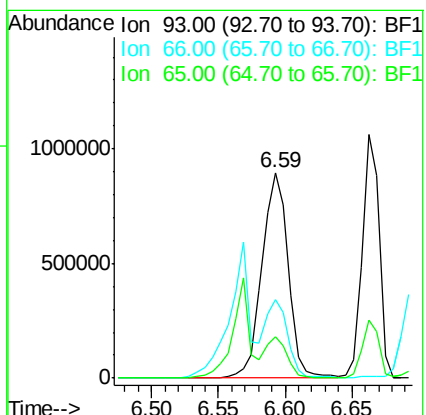
Tgt Ion: 93 Resp: 1221912

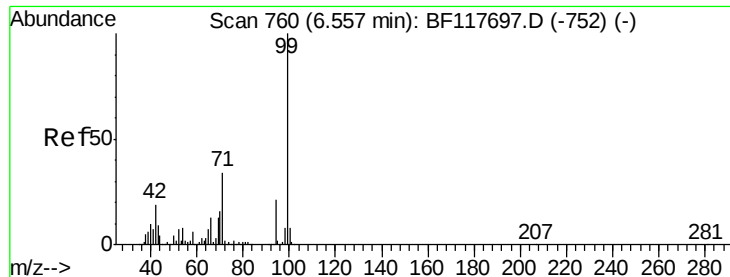
Ion Ratio Lower Upper

93 100

66 38.1 31.7 47.5

65 19.9 15.8 23.8





#7

Phenol-d6

Concen: 121.085 ng

RT: 6.56 min Scan# 760

Delta R.T. -0.00 min

Lab File: BF117745.D

Acq: 8 Nov 2019 21:37

Instrument :

BNA_F

ClientSampleId :

3-CMS

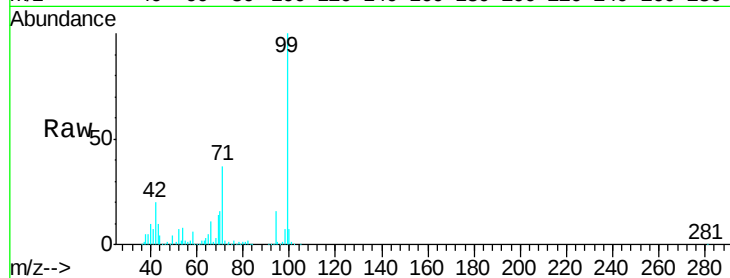
Tgt Ion: 99 Resp: 2795434

Ion Ratio Lower Upper

99 100

42 19.8 15.3 22.9

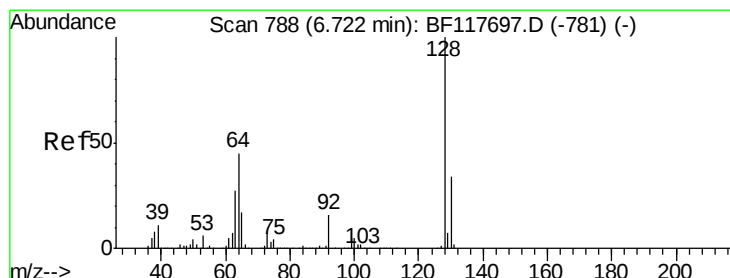
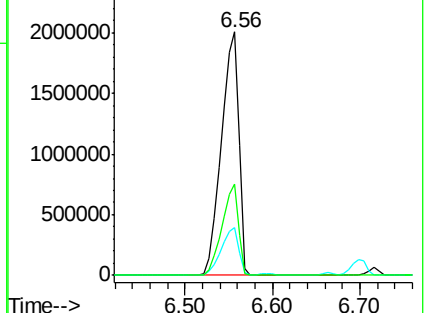
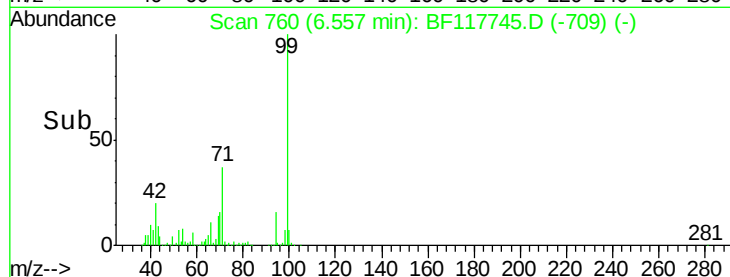
71 37.4 26.8 40.2



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: 46.860 ng

RT: 6.72 min Scan# 787

Delta R.T. -0.01 min

Lab File: BF117745.D

Acq: 8 Nov 2019 21:37

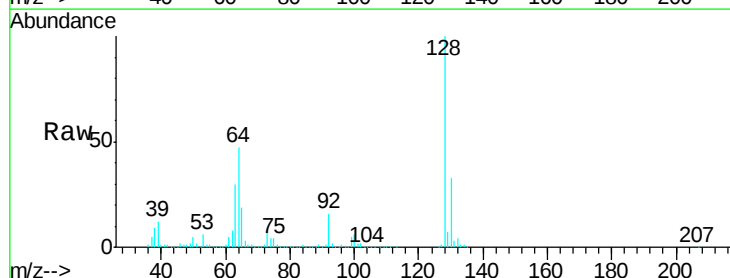
Tgt Ion: 128 Resp: 976031

Ion Ratio Lower Upper

128 100

130 33.3 13.6 53.6

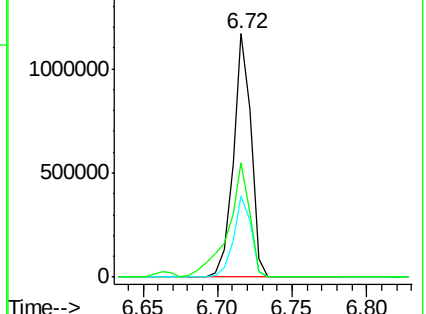
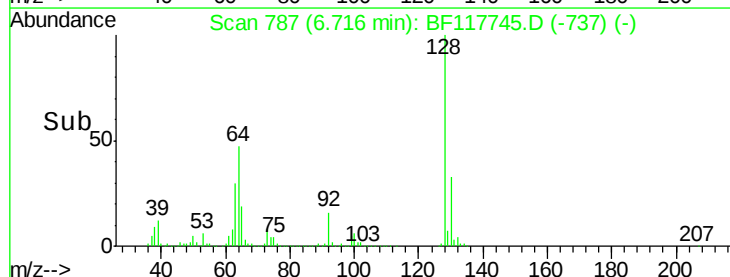
64 46.8 25.2 65.2

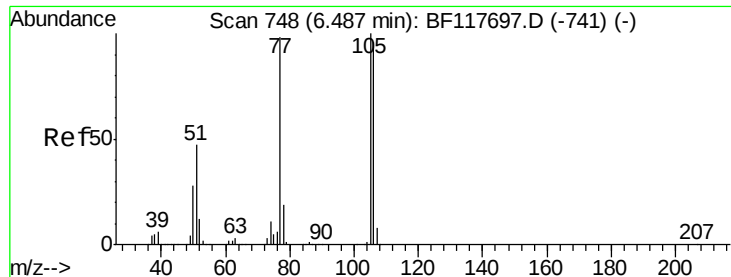


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 33.397 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF117745.D

Acq: 8 Nov 2019 21:37

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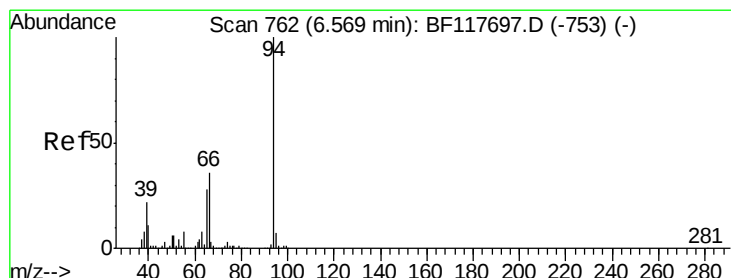
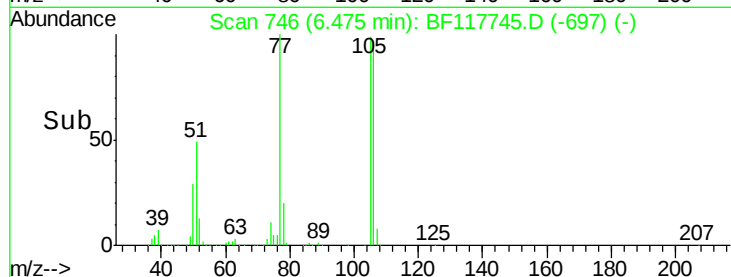
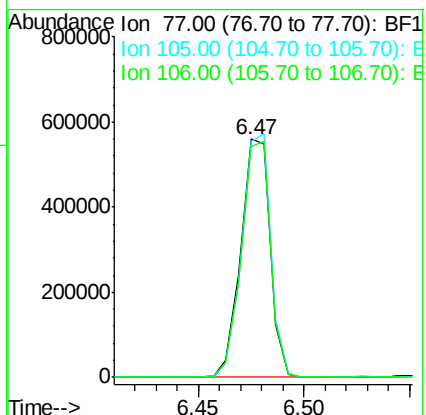
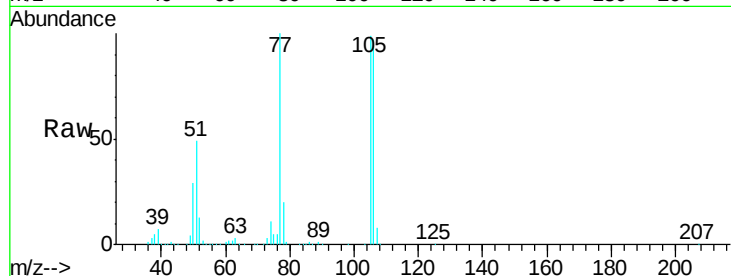
Tgt Ion: 77 Resp: 536471

Ion Ratio Lower Upper

77 100

105 98.9 82.3 122.3

106 96.9 78.0 118.0



#10

Phenol

Concen: 48.517 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.00 min

Lab File: BF117745.D

Acq: 8 Nov 2019 21:37

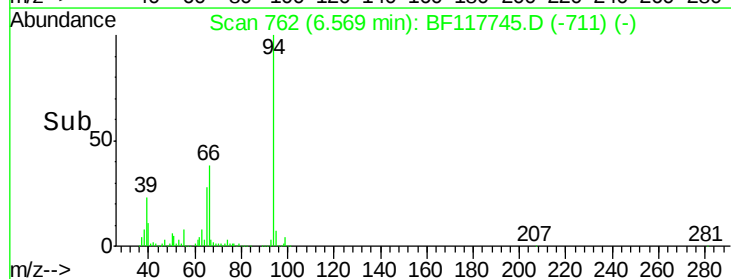
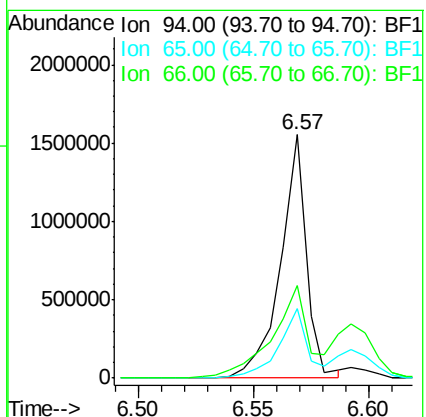
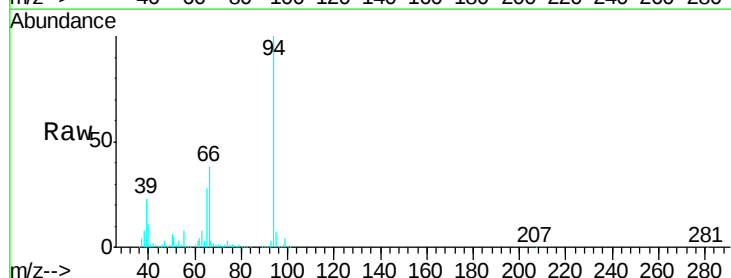
Tgt Ion: 94 Resp: 1206950

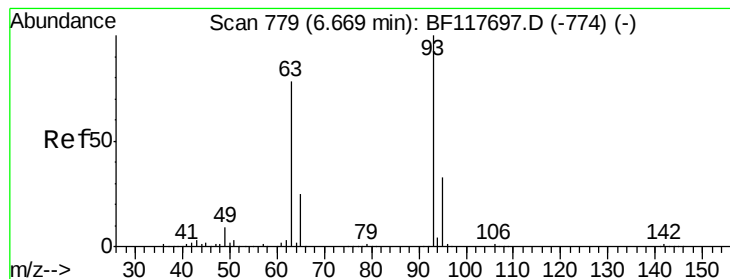
Ion Ratio Lower Upper

94 100

65 28.3 7.6 47.6

66 38.2 16.1 56.1





#11

bis(2-Chloroethyl)ether

Concen: 44.748 ng

RT: 6.66 min Scan# 778

Delta R.T. -0.01 min

Lab File: BF117745.D

Acq: 8 Nov 2019 21:37

Instrument :

BNA_F

ClientSampleId :

3-CMS

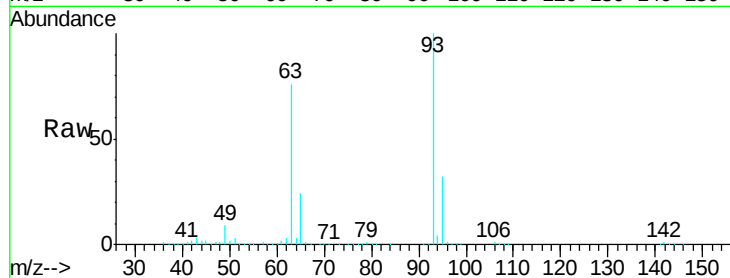
Tgt Ion: 93 Resp: 919226

Ion Ratio Lower Upper

93 100

63 75.5 57.6 97.6

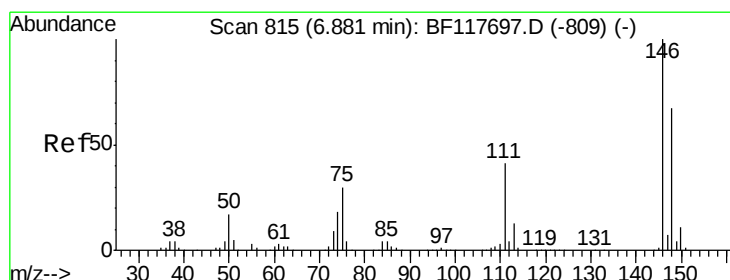
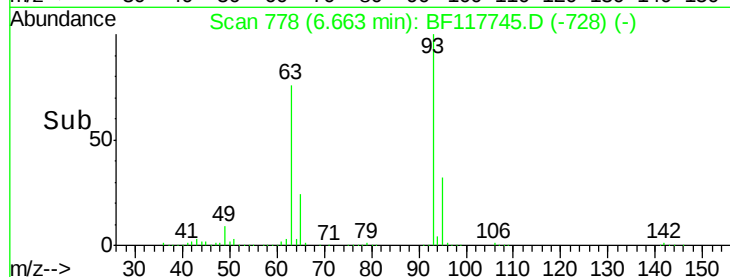
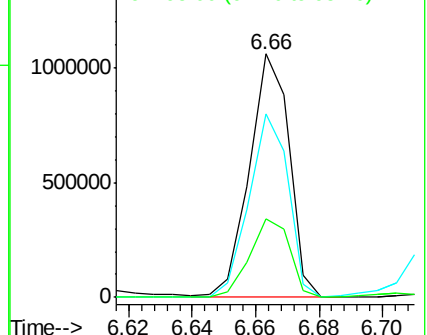
95 32.1 12.7 52.7



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 43.037 ng

RT: 6.87 min Scan# 814

Delta R.T. -0.01 min

Lab File: BF117745.D

Acq: 8 Nov 2019 21:37

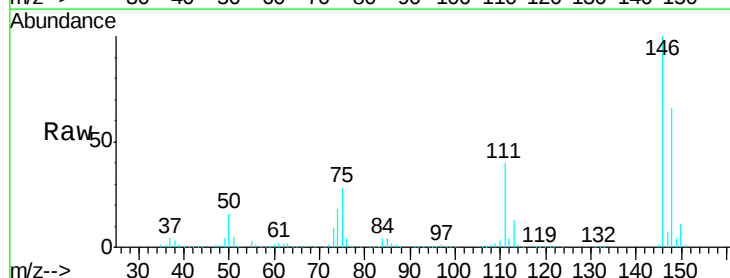
Tgt Ion: 146 Resp: 1039082

Ion Ratio Lower Upper

146 100

148 65.9 53.4 80.2

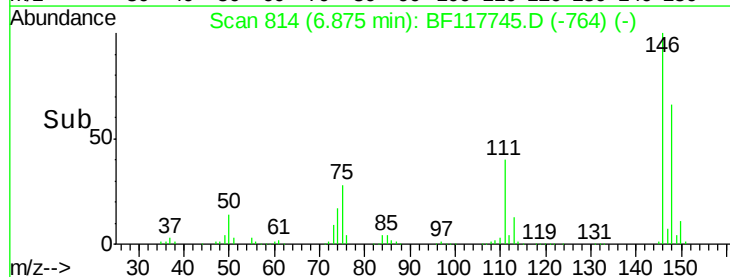
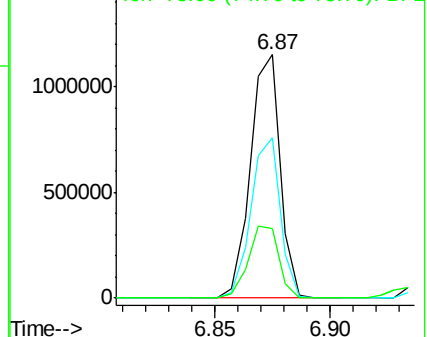
75 28.4 24.0 36.0

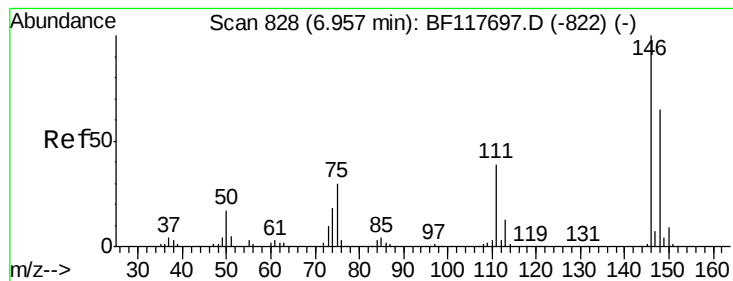


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 43.959 ng

RT: 6.95 min Scan# 826

Delta R.T. -0.01 min

Lab File: BF117745.D

Acq: 8 Nov 2019 21:37

Instrument :

BNA_F

ClientSampleId :

3-CMS

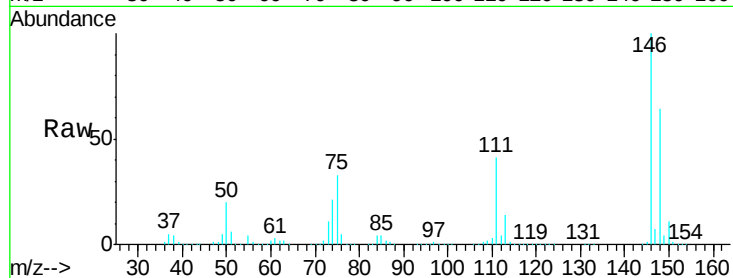
Tgt Ion:146 Resp: 1062426

Ion Ratio Lower Upper

146 100

148 64.2 51.9 77.9

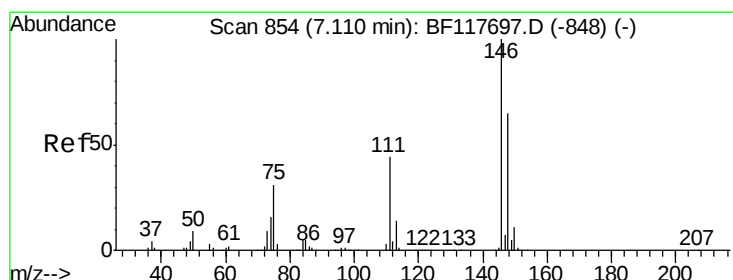
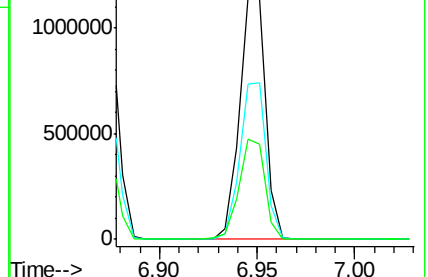
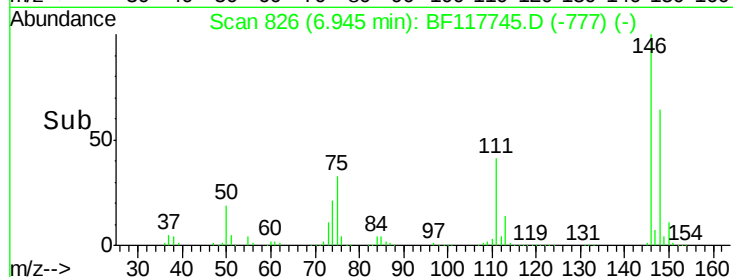
111 41.4 31.6 47.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 44.400 ng

RT: 7.10 min Scan# 853

Delta R.T. -0.01 min

Lab File: BF117745.D

Acq: 8 Nov 2019 21:37

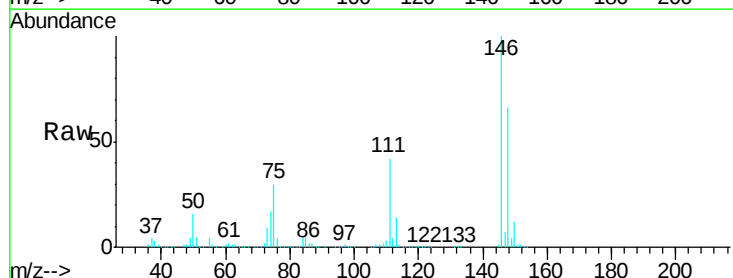
Tgt Ion:146 Resp: 988044

Ion Ratio Lower Upper

146 100

148 66.2 52.1 78.1

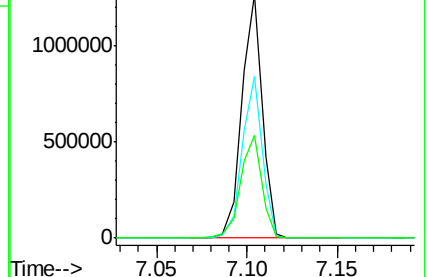
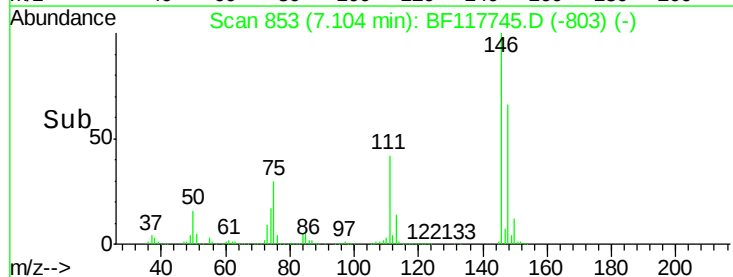
111 42.2 35.1 52.7

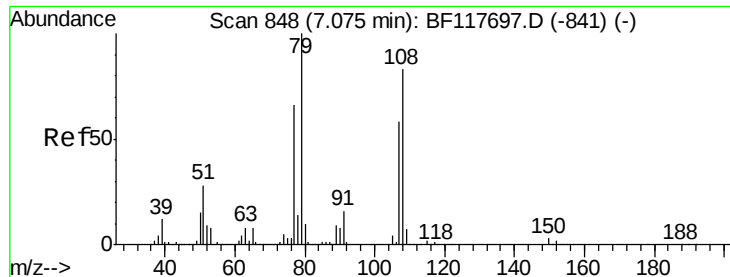


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 47.715 ng

RT: 7.07 min Scan# 847

Delta R.T. -0.01 min

Lab File: BF117745.D

Acq: 8 Nov 2019 21:37

Instrument :

BNA_F

ClientSampleId :

3-CMS

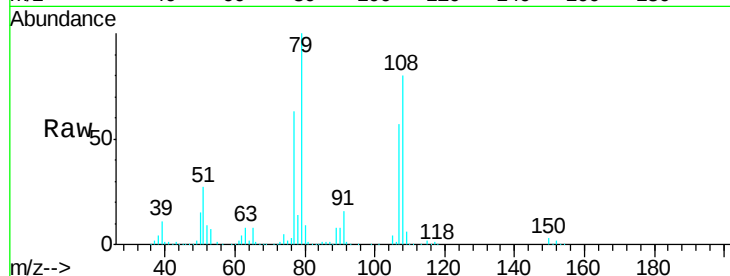
Tgt Ion: 79 Resp: 878335

Ion Ratio Lower Upper

79 100

108 79.7 66.5 99.7

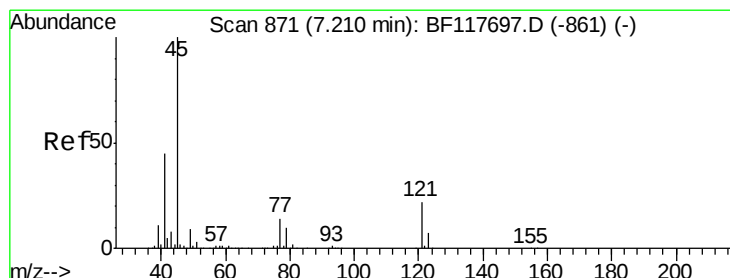
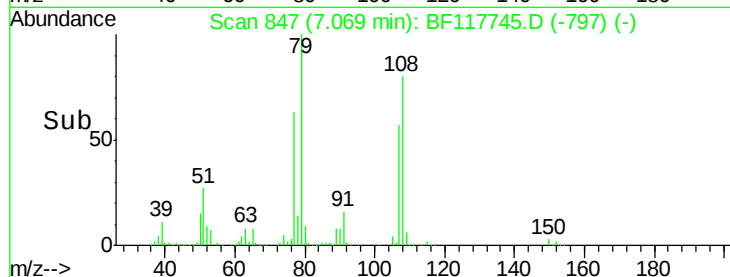
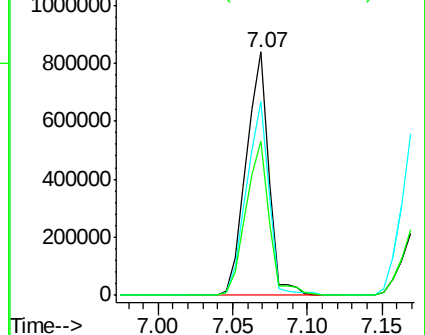
77 63.4 52.9 79.3



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.721 ng

RT: 7.20 min Scan# 870

Delta R.T. -0.01 min

Lab File: BF117745.D

Acq: 8 Nov 2019 21:37

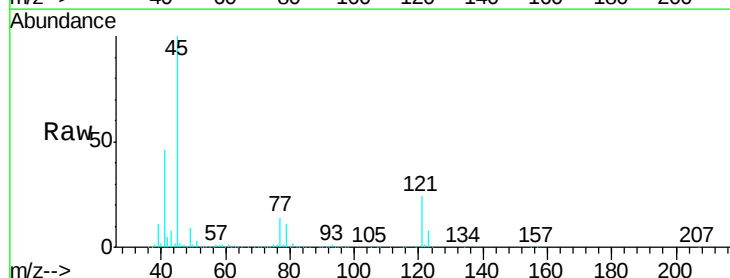
Tgt Ion: 45 Resp: 1355102

Ion Ratio Lower Upper

45 100

77 14.4 0.0 33.8

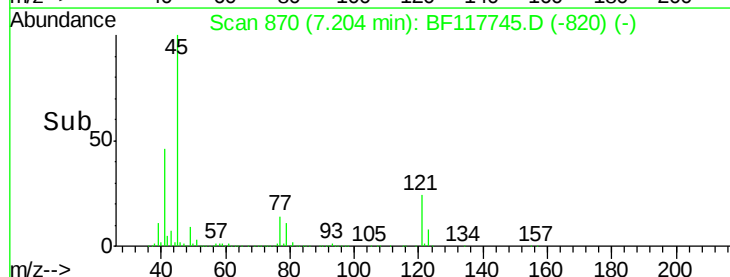
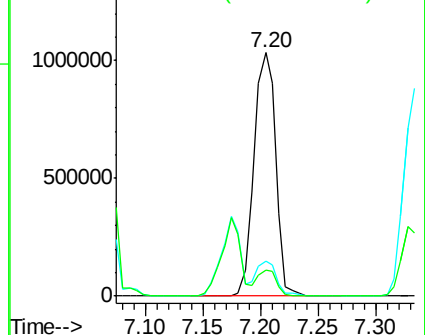
79 10.9 0.0 30.5

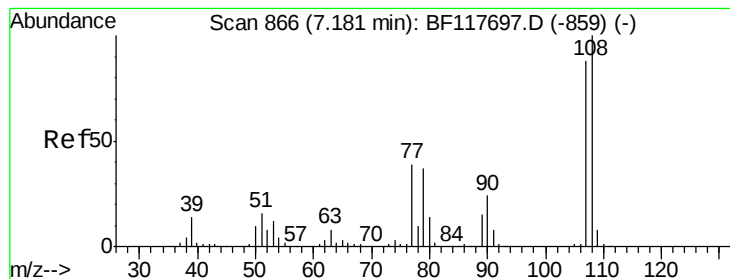


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 47.069 ng

RT: 7.17 min Scan# 865

Delta R.T. -0.01 min

Lab File: BF117745.D

Acq: 8 Nov 2019 21:37

Instrument :

BNA_F

ClientSampleId :

3-CMS

Tgt Ion:107 Resp: 842009

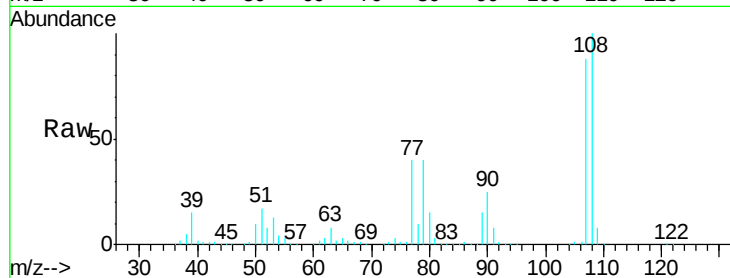
Ion Ratio Lower Upper

107 100

108 113.7 91.1 136.7

77 45.9 35.8 53.8

79 45.0 34.1 51.1

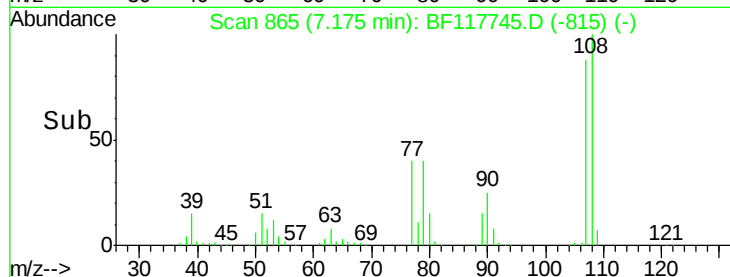


Abundance Ion 107.00 (106.70 to 107.70): E

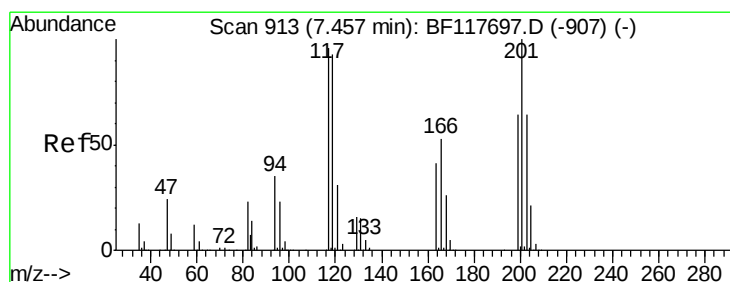
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



Time-->



#18

Hexachloroethane

Concen: 42.906 ng

RT: 7.45 min Scan# 911

Delta R.T. -0.01 min

Lab File: BF117745.D

Acq: 8 Nov 2019 21:37

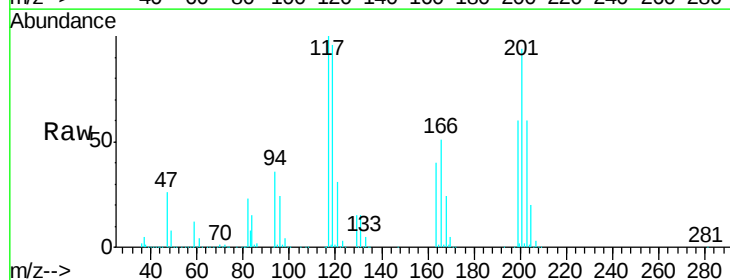
Tgt Ion:117 Resp: 383303

Ion Ratio Lower Upper

117 100

119 95.6 77.7 116.5

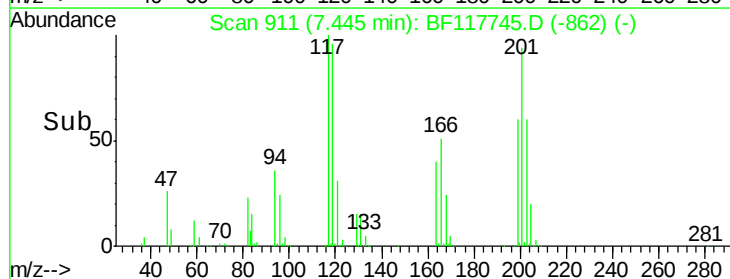
201 94.2 83.2 124.8



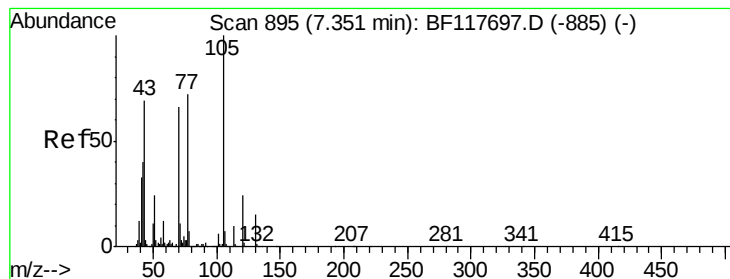
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



Time-->



#19

n-Nitroso-di-n-propylamine

Concen: 43.132 ng

RT: 7.35 min Scan# 894

Delta R.T. -0.01 min

Lab File: BF117745.D

Acq: 8 Nov 2019 21:37

Instrument :

BNA_F

ClientSampleId :

3-CMS

Tgt Ion: 70 Resp: 654747

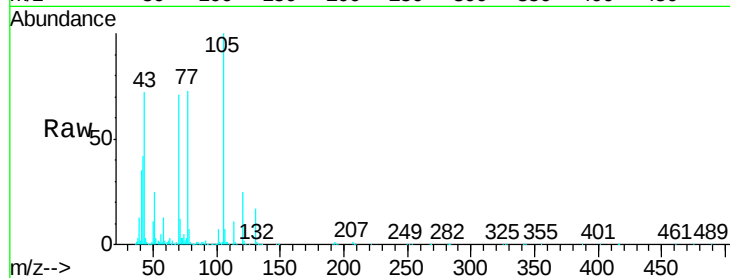
Ion Ratio Lower Upper

70 100

42 60.1 49.1 73.7

101 10.0 7.8 11.8

130 23.9 17.9 26.9

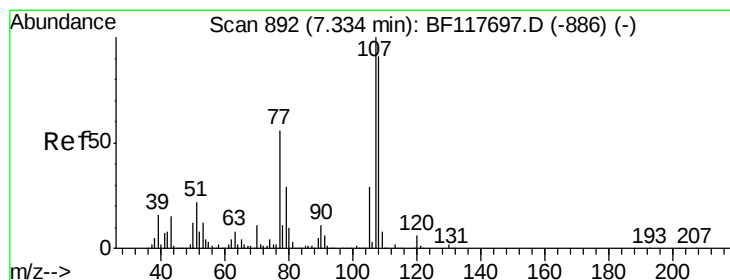
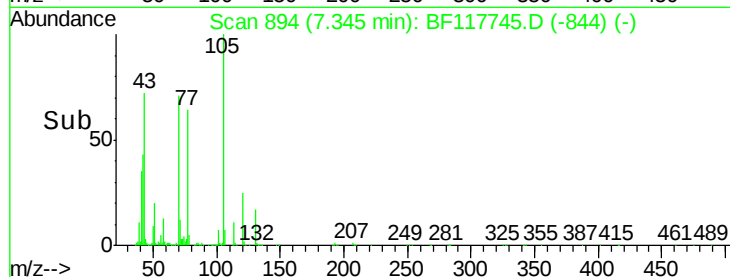
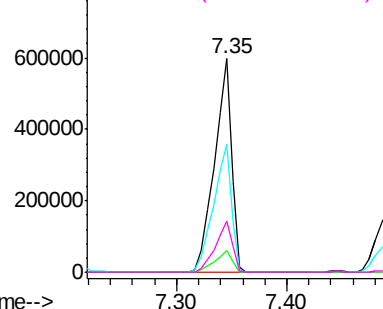


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20

3+4-Methylphenols

Concen: 46.466 ng

RT: 7.33 min Scan# 891

Delta R.T. -0.01 min

Lab File: BF117745.D

Acq: 8 Nov 2019 21:37

Tgt Ion: 107 Resp: 989789

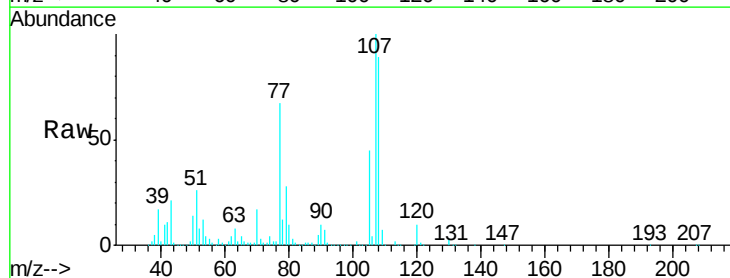
Ion Ratio Lower Upper

107 100

108 89.0 70.5 110.5

77 67.3 35.6 75.6

79 27.8 8.7 48.7

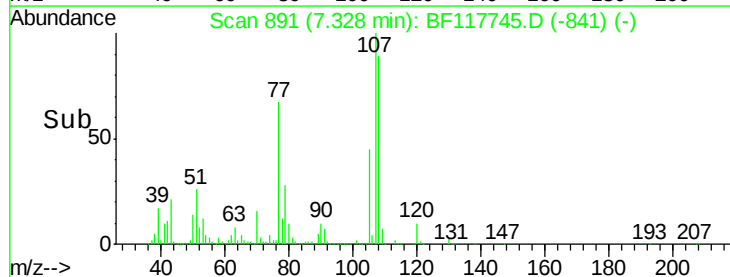
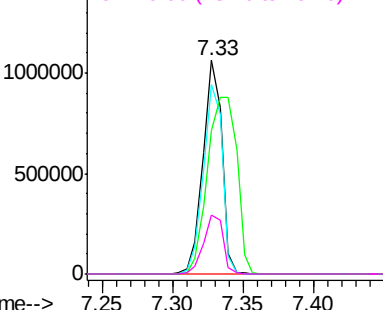


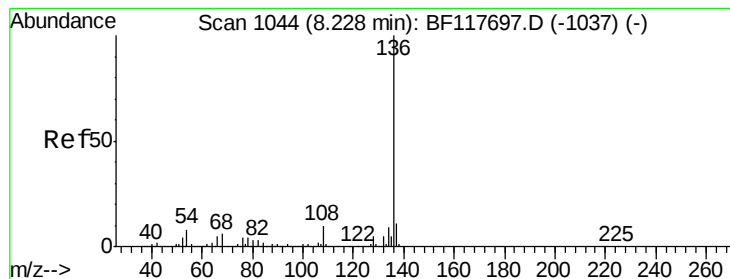
Abundance Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.22 min Scan# 1042

Delta R.T. -0.01 min

Lab File: BF117745.D

Acq: 8 Nov 2019 21:37

Instrument :

BNA_F

ClientSampleId :

3-CMS

Tgt Ion:136 Resp: 1326433

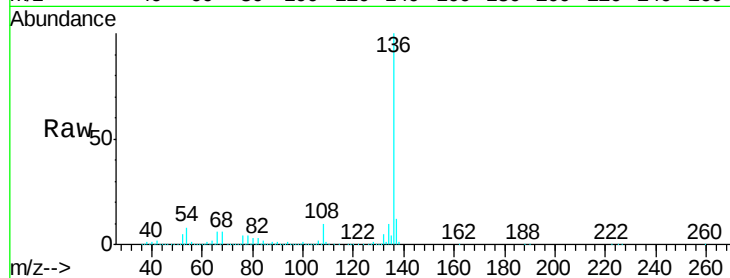
Ion Ratio Lower Upper

136 100

137 11.6 8.8 13.2

54 8.3 6.0 9.0

68 6.2 4.8 7.2

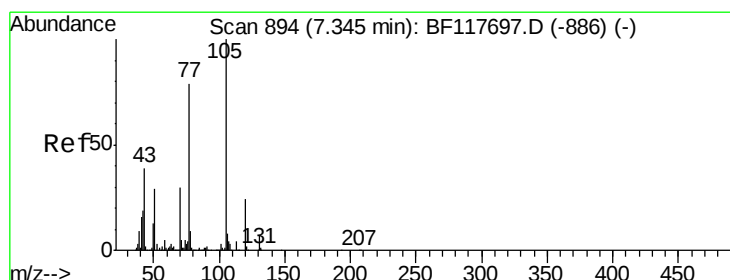
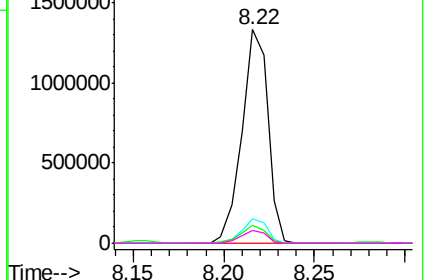
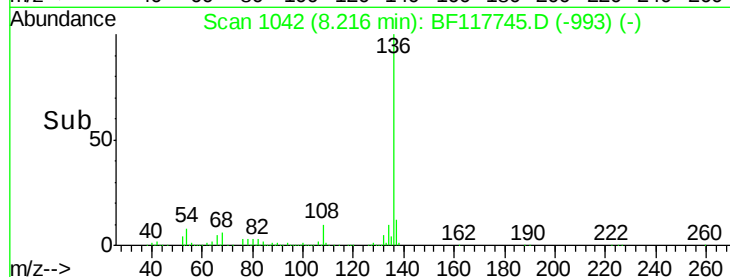


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 42.246 ng

RT: 7.34 min Scan# 893

Delta R.T. -0.01 min

Lab File: BF117745.D

Acq: 8 Nov 2019 21:37

Tgt Ion:105 Resp: 1280748

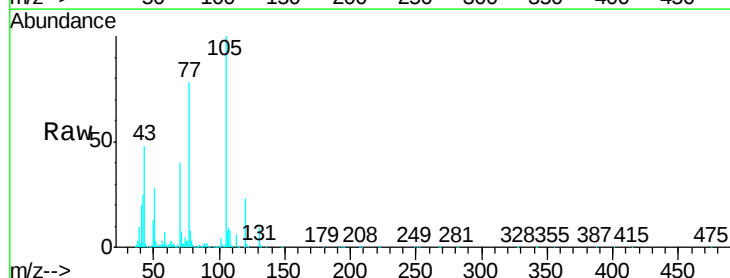
Ion Ratio Lower Upper

105 100

71 6.9 3.9 5.9#

51 27.9 23.0 34.4

120 23.5 19.1 28.7

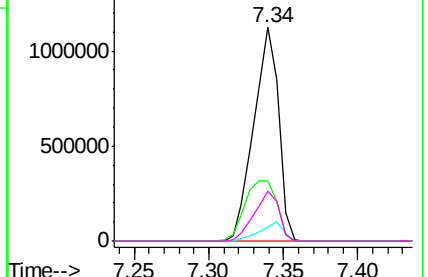
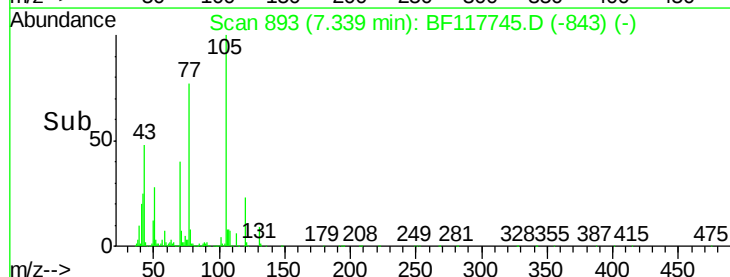


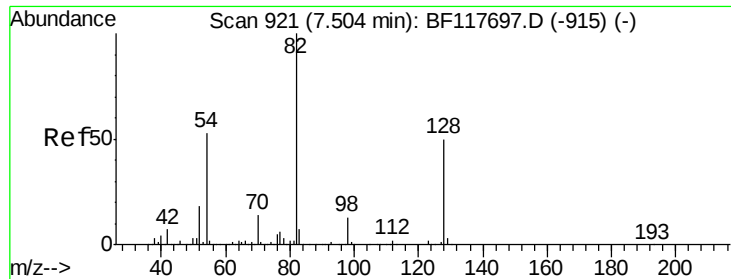
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

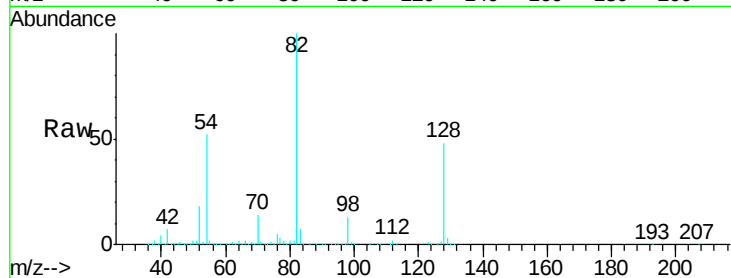




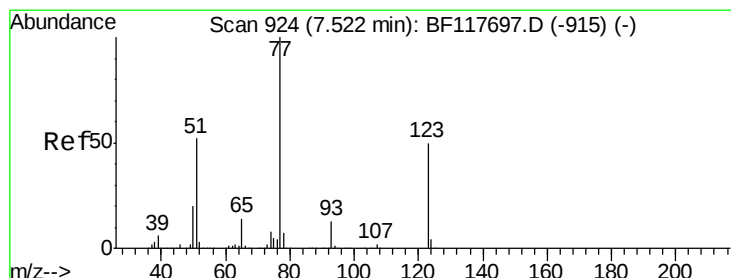
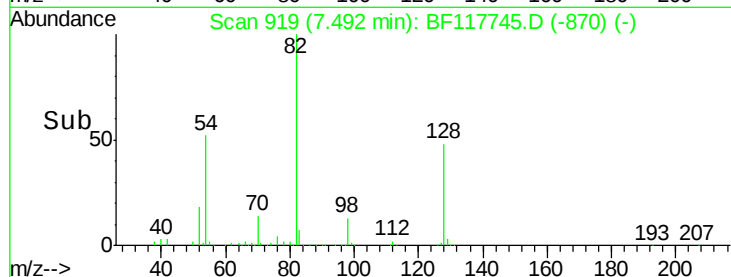
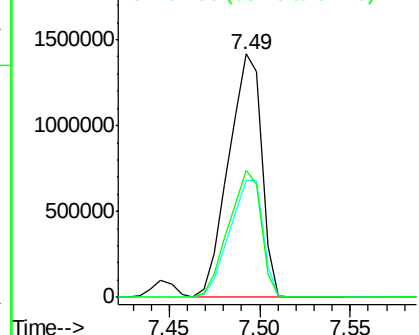
#23
 Nitrobenzene-d5
 Concen: 79.748 ng
 RT: 7.49 min Scan# 919
 Delta R.T. -0.01 min
 Lab File: BF117745.D
 Acq: 8 Nov 2019 21:37

Instrument :
 BNA_F
 ClientSampleId :
 3-CMS

Tgt Ion: 82 Resp: 1791692
 Ion Ratio Lower Upper
 82 100
 128 48.2 40.2 60.2
 54 52.1 42.0 63.0

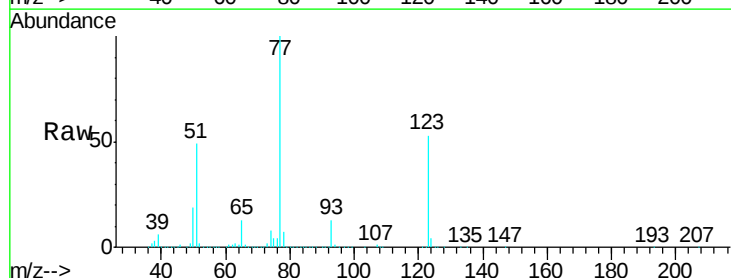


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

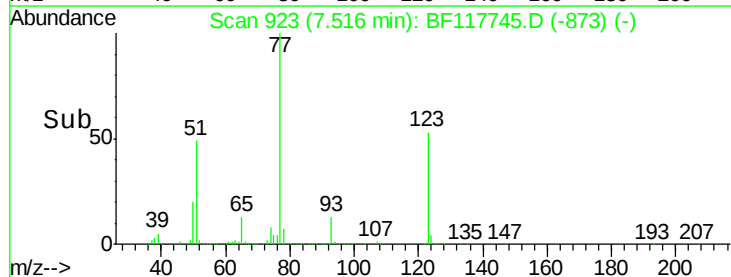
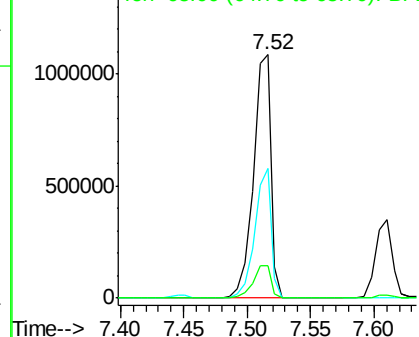


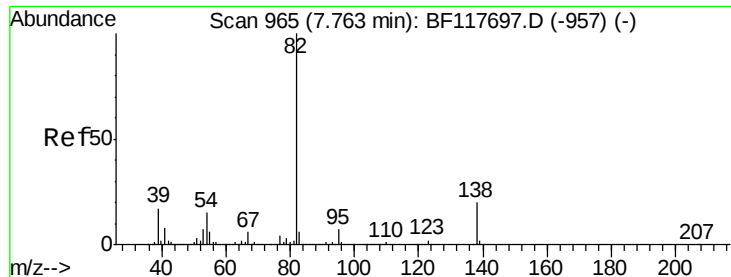
#24
 Nitrobenzene
 Concen: 44.599 ng
 RT: 7.52 min Scan# 923
 Delta R.T. -0.01 min
 Lab File: BF117745.D
 Acq: 8 Nov 2019 21:37

Tgt Ion: 77 Resp: 1046327
 Ion Ratio Lower Upper
 77 100
 123 53.2 40.4 60.6
 65 13.3 10.8 16.2



Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 44.742 ng

RT: 7.76 min Scan# 964

Delta R.T. -0.01 min

Lab File: BF117745.D

Acq: 8 Nov 2019 21:37

Instrument :

BNA_F

ClientSampleId :

3-CMS

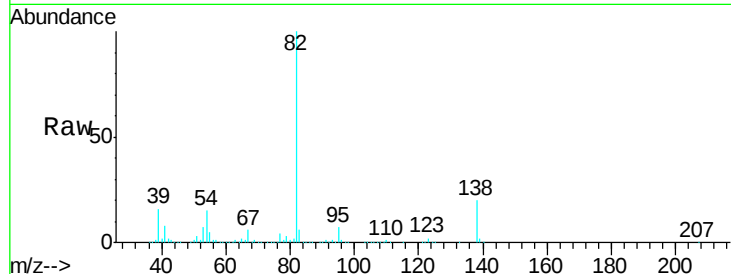
Tgt Ion: 82 Resp: 1922628

Ion Ratio Lower Upper

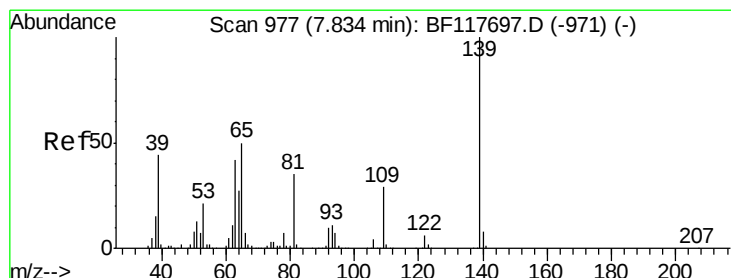
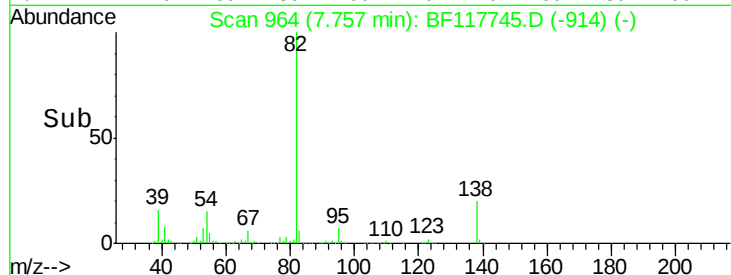
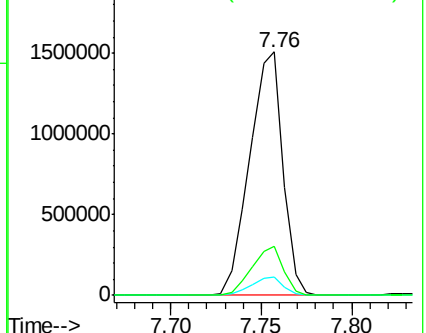
82 100

95 7.4 5.8 8.6

138 20.2 16.2 24.2



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: 51.062 ng

RT: 7.83 min Scan# 976

Delta R.T. -0.01 min

Lab File: BF117745.D

Acq: 8 Nov 2019 21:37

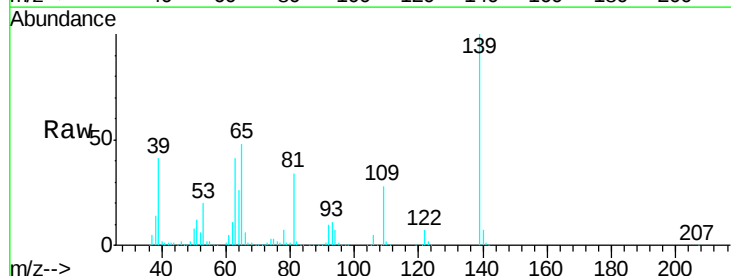
Tgt Ion: 139 Resp: 556146

Ion Ratio Lower Upper

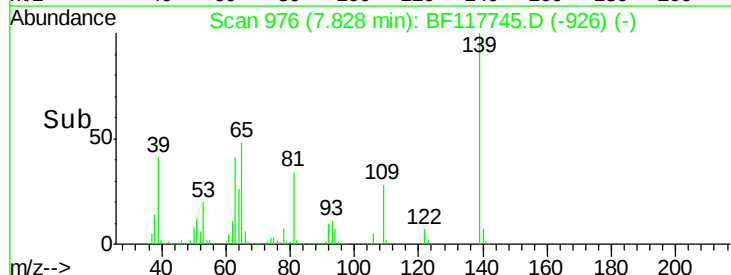
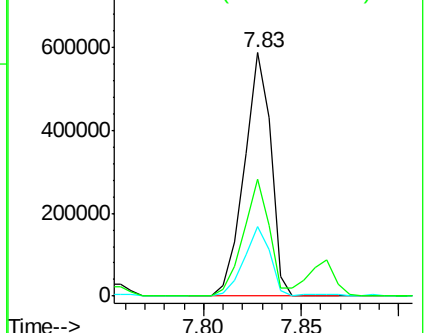
139 100

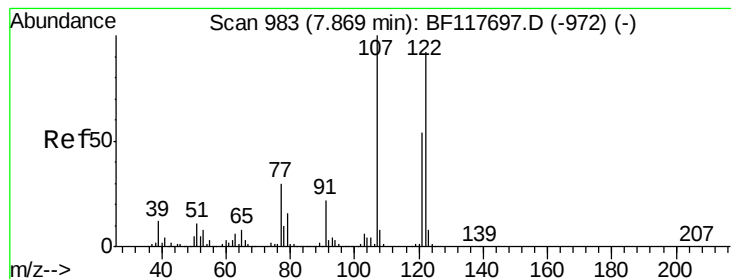
109 28.5 22.8 34.2

65 48.0 40.2 60.4



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





#27

2,4-Dimethylphenol

Concen: 52.663 ng

RT: 7.86 min Scan# 982

Delta R.T. -0.01 min

Lab File: BF117745.D

Acq: 8 Nov 2019 21:37

Instrument :

BNA_F

ClientSampleId :

3-CMS

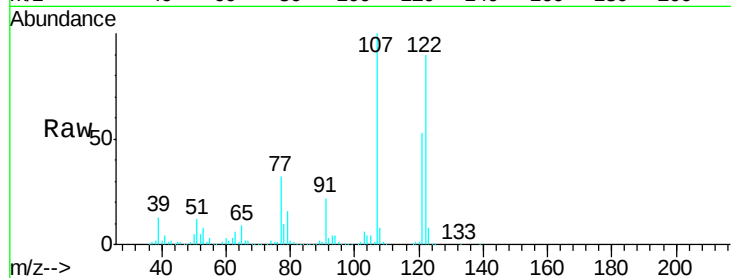
Tgt Ion:122 Resp: 967147

Ion Ratio Lower Upper

122 100

107 111.3 87.1 130.7

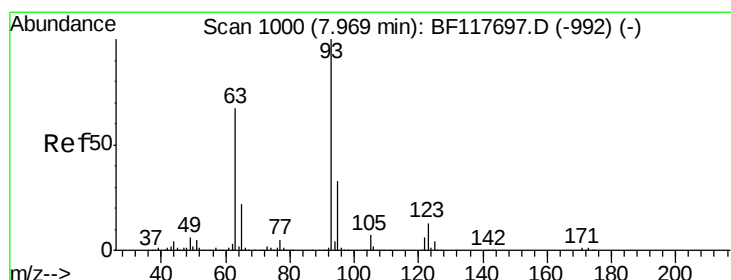
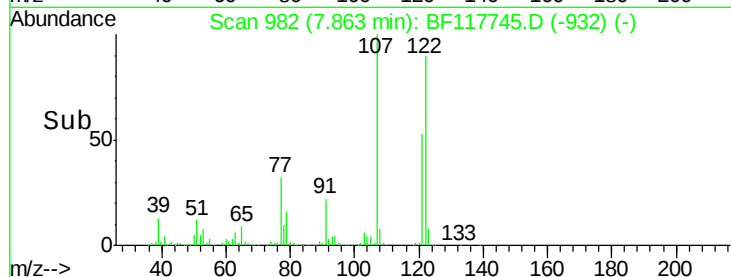
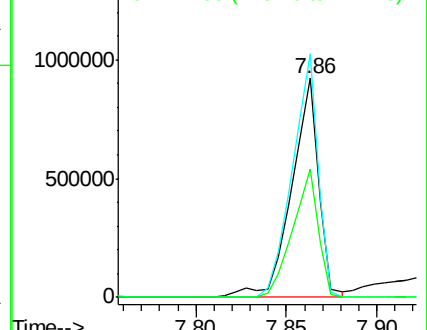
121 58.9 46.9 70.3



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: 42.131 ng

RT: 7.96 min Scan# 999

Delta R.T. -0.01 min

Lab File: BF117745.D

Acq: 8 Nov 2019 21:37

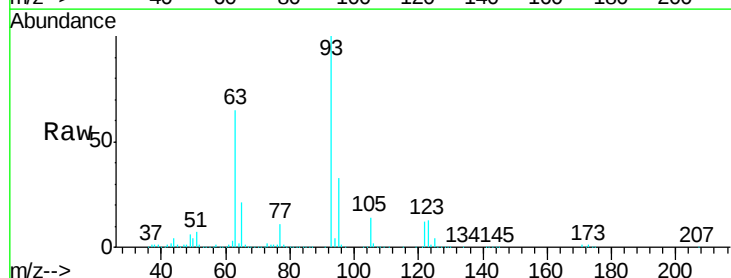
Tgt Ion: 93 Resp: 1162142

Ion Ratio Lower Upper

93 100

95 33.4 26.8 40.2

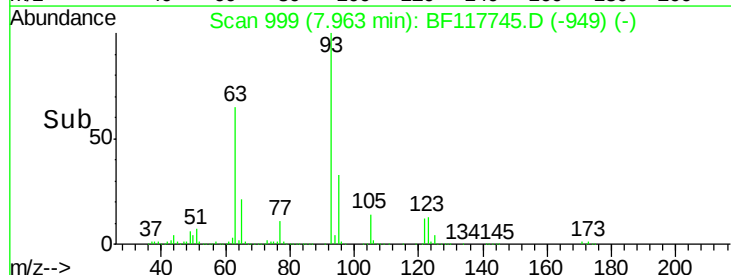
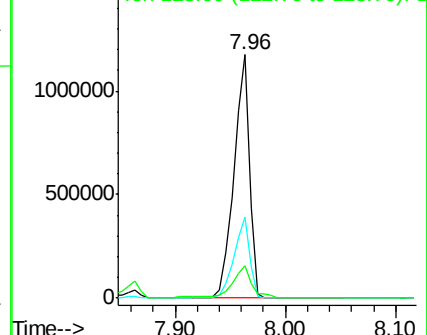
123 13.3 10.4 15.6

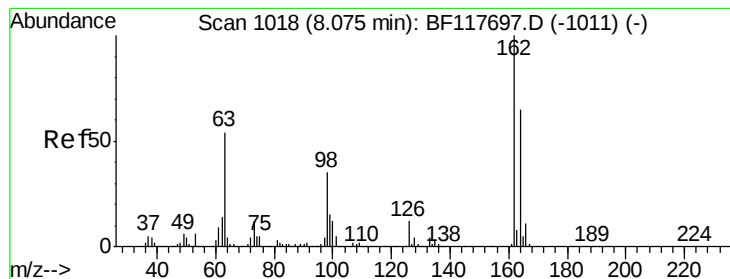


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 46.141 ng

RT: 8.07 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BF117745.D

Acq: 8 Nov 2019 21:37

Instrument :

BNA_F

ClientSampleId :

3-CMS

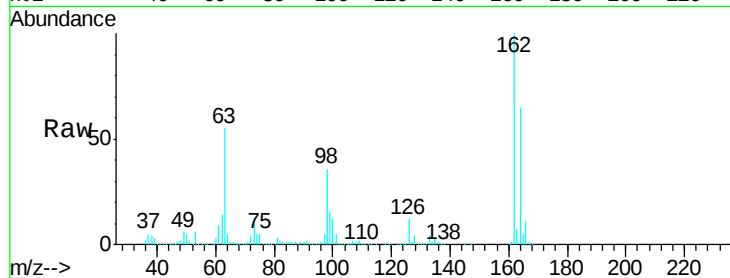
Tgt Ion:162 Resp: 873006

Ion Ratio Lower Upper

162 100

164 65.3 45.4 85.4

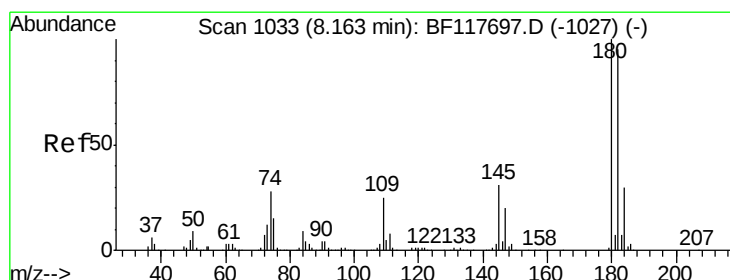
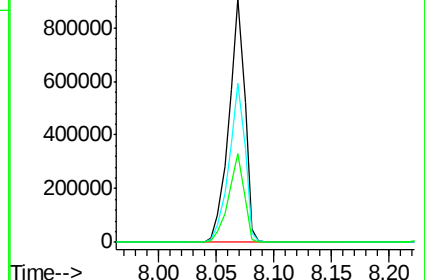
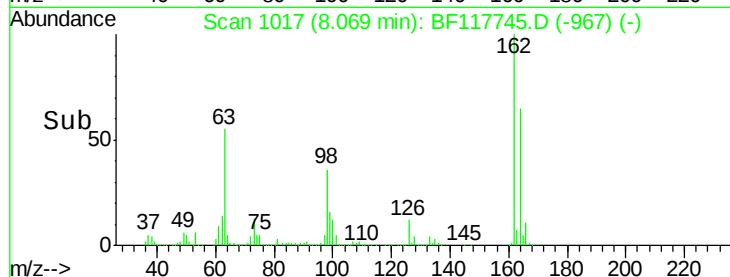
98 36.4 15.5 55.5



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 43.014 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF117745.D

Acq: 8 Nov 2019 21:37

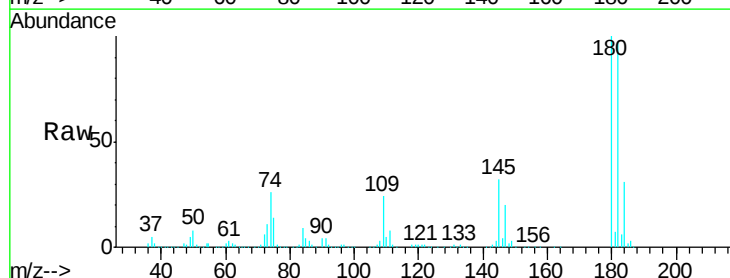
Tgt Ion:180 Resp: 931668

Ion Ratio Lower Upper

180 100

182 97.1 76.0 114.0

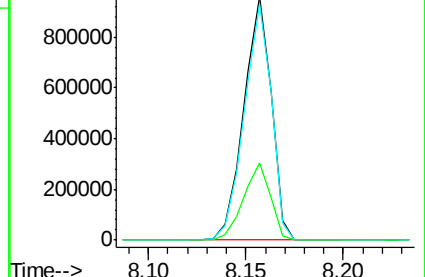
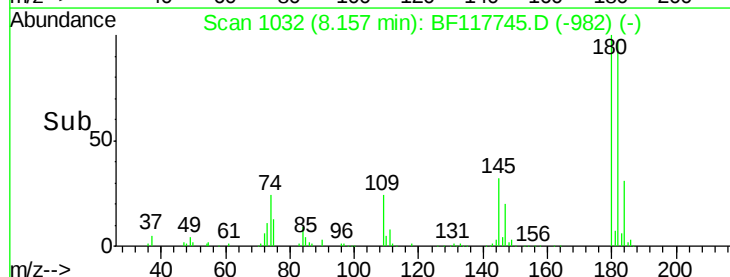
145 31.5 25.0 37.4

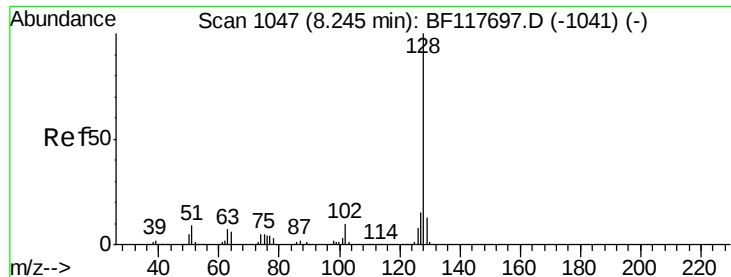


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

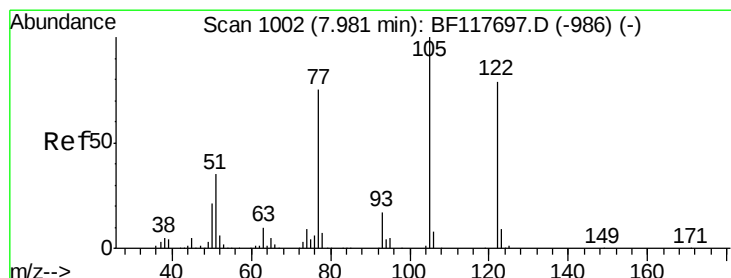
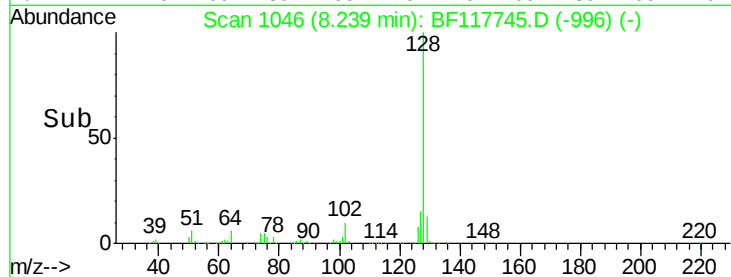
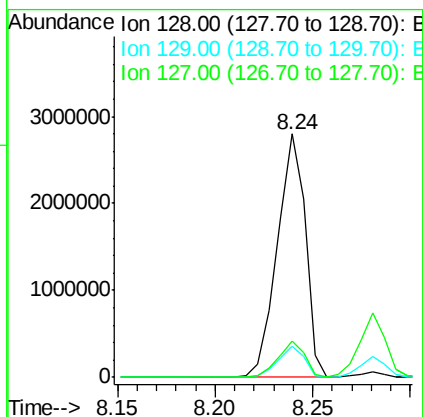
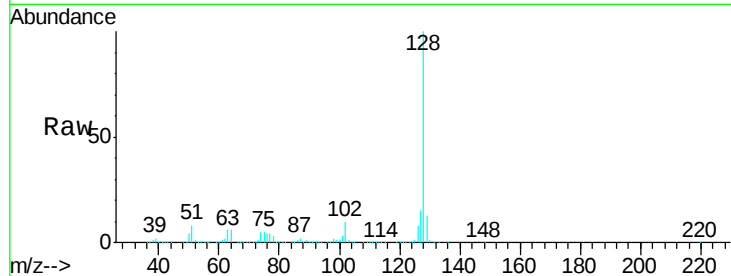




#31
Naphthalene
Concen: 45.920 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF117745.D
Acq: 8 Nov 2019 21:37

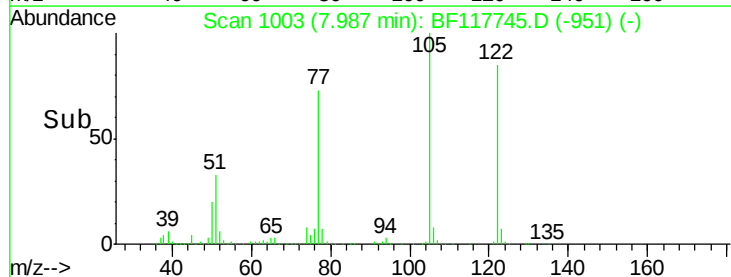
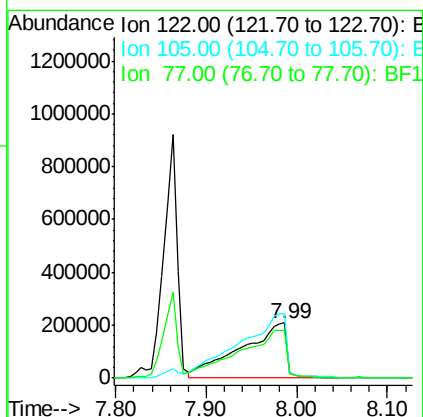
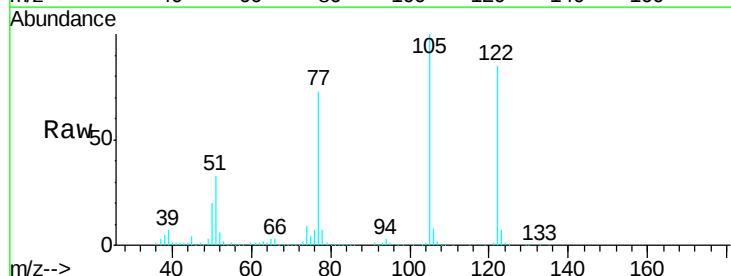
Instrument :
BNA_F
ClientSampleId :
3-CMS

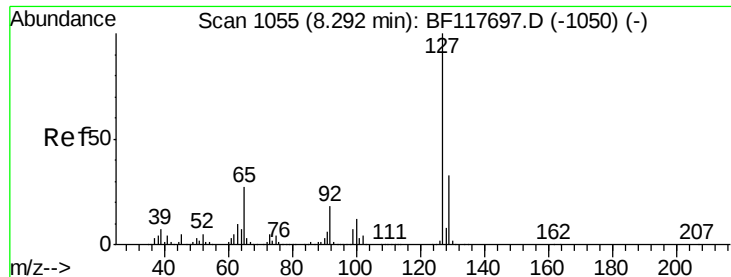
Tgt Ion:128 Resp: 2784082
Ion Ratio Lower Upper
128 100
129 12.5 10.1 15.1
127 14.7 11.8 17.6



#32
Benzoic acid
Concen: 50.364 ng
RT: 7.99 min Scan# 1003
Delta R.T. 0.01 min
Lab File: BF117745.D
Acq: 8 Nov 2019 21:37

Tgt Ion:122 Resp: 732156
Ion Ratio Lower Upper
122 100
105 117.5 102.8 142.8
77 86.1 73.2 113.2

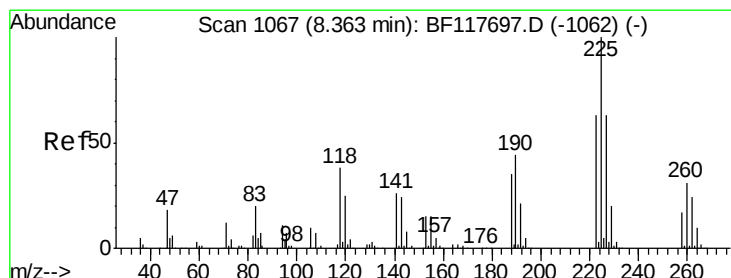
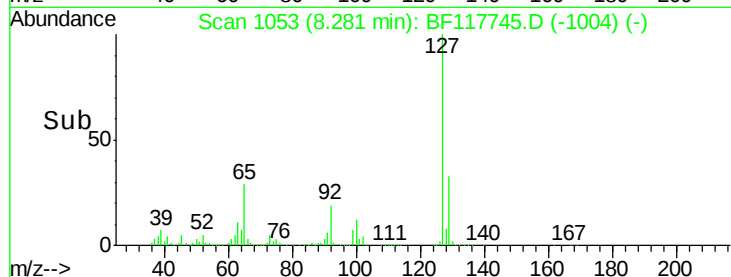
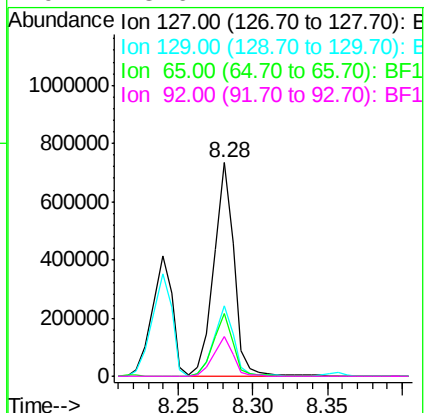
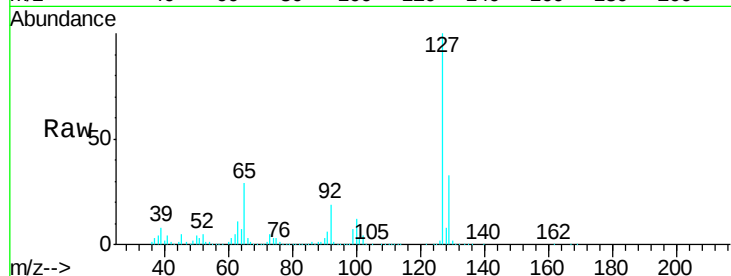




#33
4-Chloroaniline
Concen: 24.377 ng
RT: 8.28 min Scan# 1053
Delta R.T. -0.01 min
Lab File: BF117745.D
Acq: 8 Nov 2019 21:37

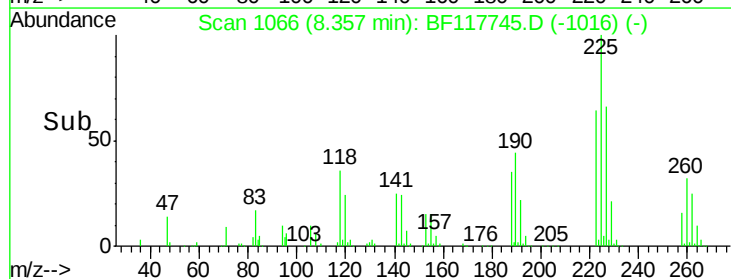
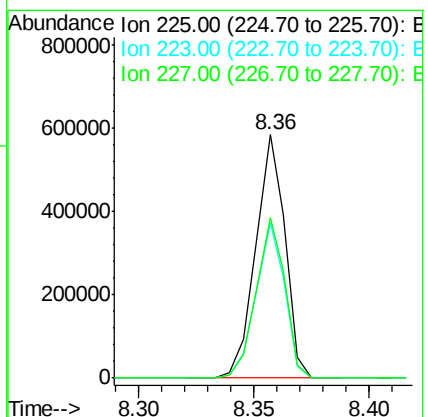
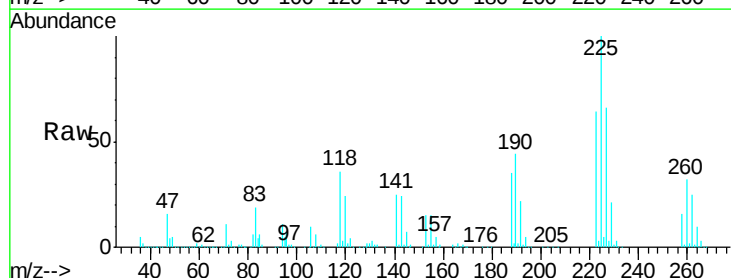
Instrument :
BNA_F
ClientSampleId :
3-CMS

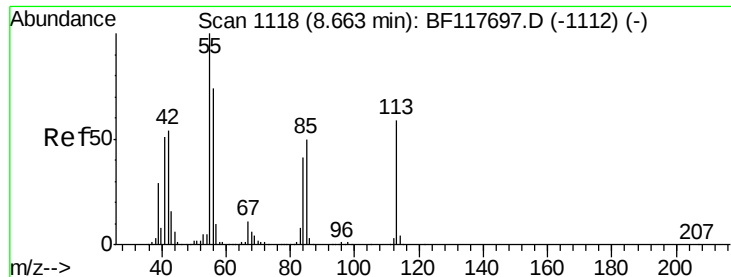
Tgt Ion:	127	Resp:	686736
Ion	Ratio	Lower	Upper
127	100		
129	33.1	26.6	39.8
65	29.4	21.7	32.5
92	18.6	14.1	21.1



#34
Hexachlorobutadiene
Concen: 41.572 ng
RT: 8.36 min Scan# 1066
Delta R.T. -0.01 min
Lab File: BF117745.D
Acq: 8 Nov 2019 21:37

Tgt Ion:	225	Resp:	515642
Ion	Ratio	Lower	Upper
225	100		
223	63.9	50.1	75.1
227	65.9	50.2	75.4

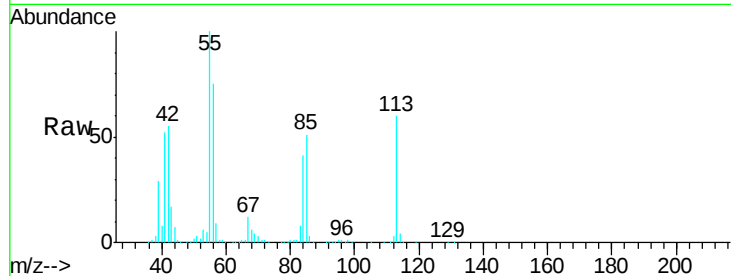




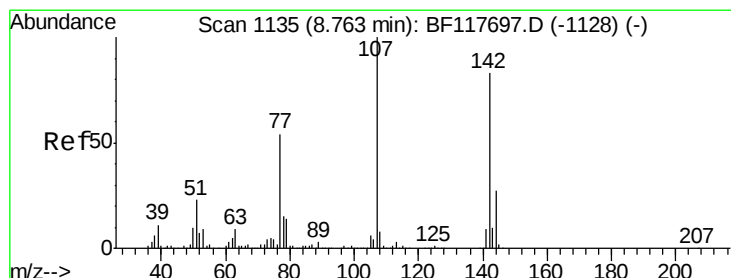
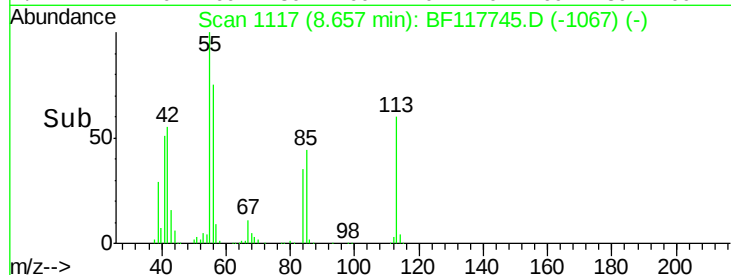
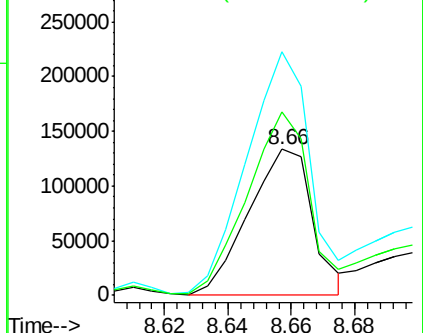
#35
 Caprolactam
 Concen: 29.972 ng
 RT: 8.66 min Scan# 1117
 Delta R.T. -0.01 min
 Lab File: BF117745.D
 Acq: 8 Nov 2019 21:37

Instrument :
 BNA_F
 ClientSampled :
 3-CMS

Tgt Ion:113 Resp: 187959
 Ion Ratio Lower Upper
 113 100
 55 166.8 150.5 190.5
 56 125.5 106.2 146.2

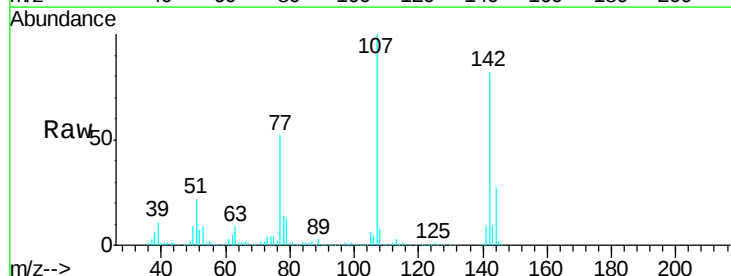


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

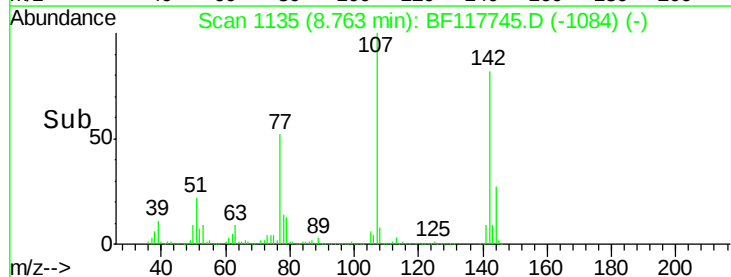
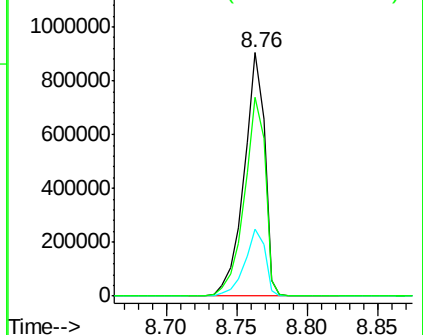


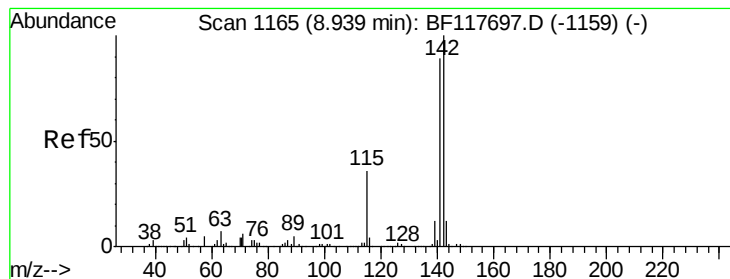
#36
 4-Chloro-3-methylphenol
 Concen: 48.434 ng
 RT: 8.76 min Scan# 1135
 Delta R.T. 0.00 min
 Lab File: BF117745.D
 Acq: 8 Nov 2019 21:37

Tgt Ion:107 Resp: 924724
 Ion Ratio Lower Upper
 107 100
 144 27.3 21.5 32.3
 142 81.6 66.7 100.1



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: 47.113 ng

RT: 8.93 min Scan# 1164

Delta R.T. -0.01 min

Lab File: BF117745.D

Acq: 8 Nov 2019 21:37

Instrument :

BNA_F

ClientSampleId :

3-CMS

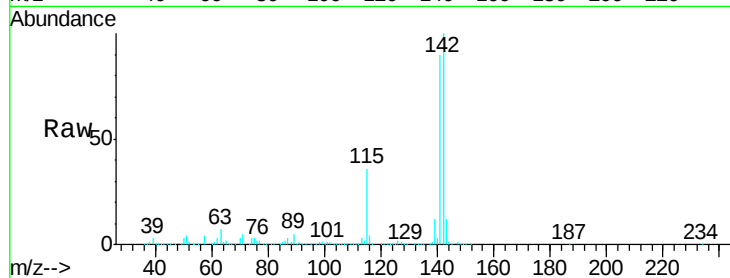
Tgt Ion:142 Resp: 1944575

Ion Ratio Lower Upper

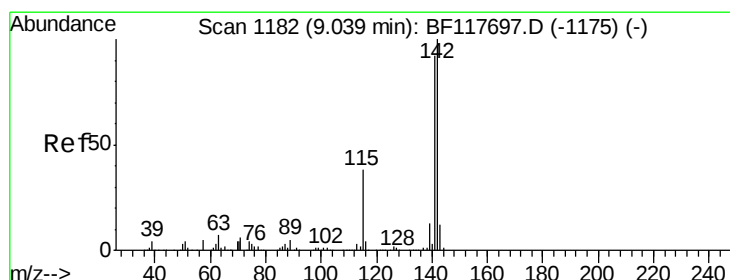
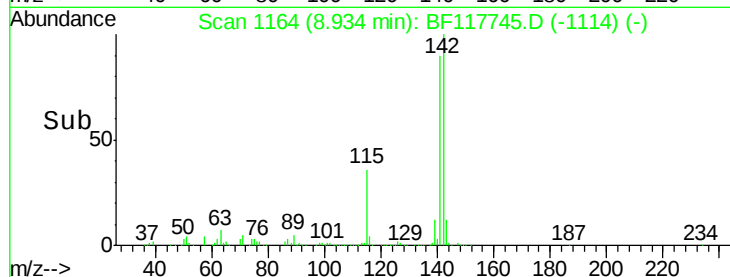
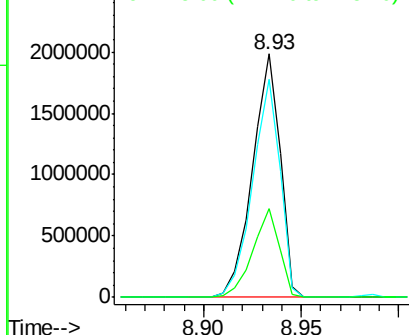
142 100

141 89.7 71.5 107.3

115 36.3 28.9 43.3



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



#38

1-Methylnaphthalene

Concen: 46.755 ng

RT: 9.03 min Scan# 1181

Delta R.T. -0.01 min

Lab File: BF117745.D

Acq: 8 Nov 2019 21:37

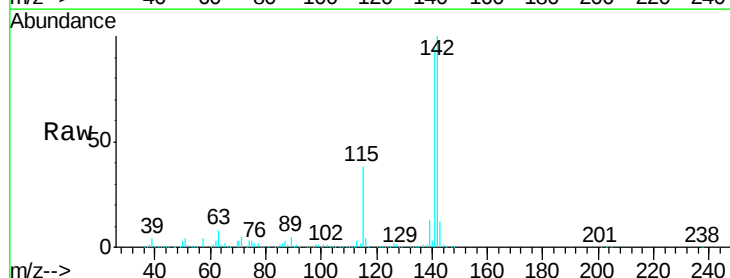
Tgt Ion:142 Resp: 1832618

Ion Ratio Lower Upper

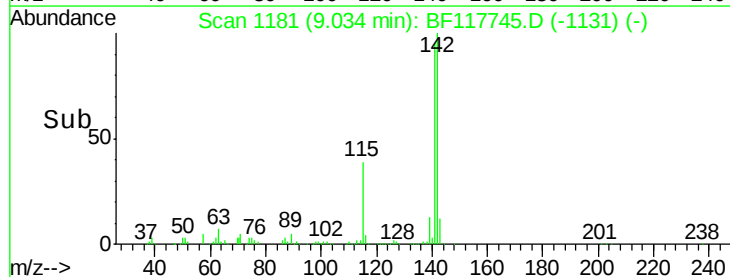
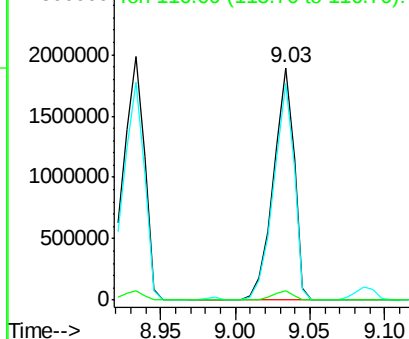
142 100

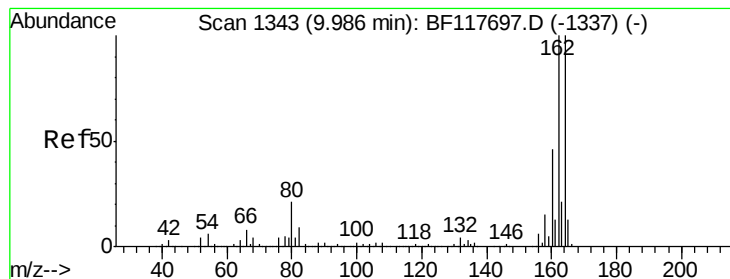
141 93.5 73.3 109.9

116 4.1 3.2 4.8



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.98 min Scan# 1342

Delta R.T. -0.01 min

Lab File: BF117745.D

Acq: 8 Nov 2019 21:37

Instrument :

BNA_F

ClientSampleId :

3-CMS

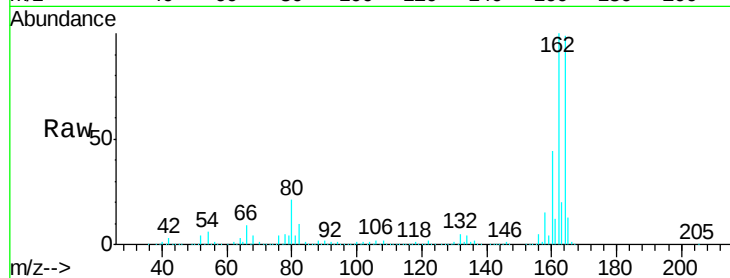
Tgt Ion:164 Resp: 718190

Ion Ratio Lower Upper

164 100

162 100.7 79.7 119.5

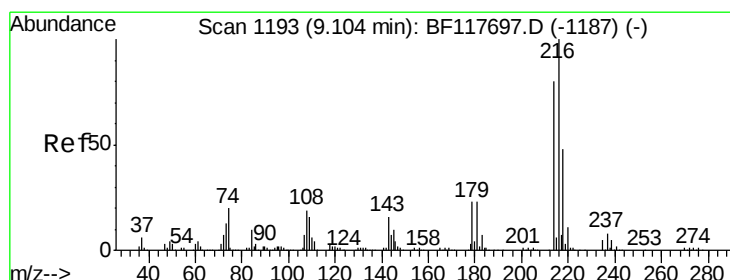
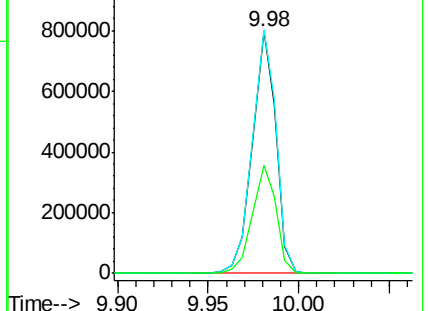
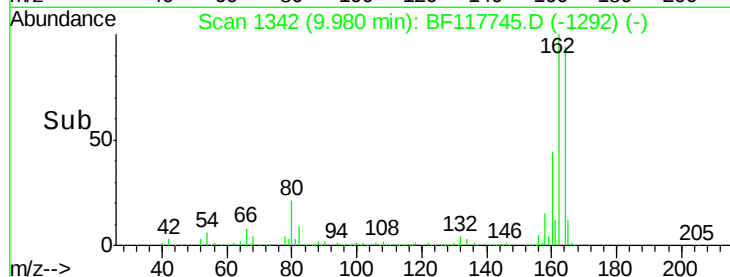
160 44.6 36.5 54.7



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: 42.826 ng

RT: 9.10 min Scan# 1192

Delta R.T. -0.01 min

Lab File: BF117745.D

Acq: 8 Nov 2019 21:37

Tgt Ion:216 Resp: 841446

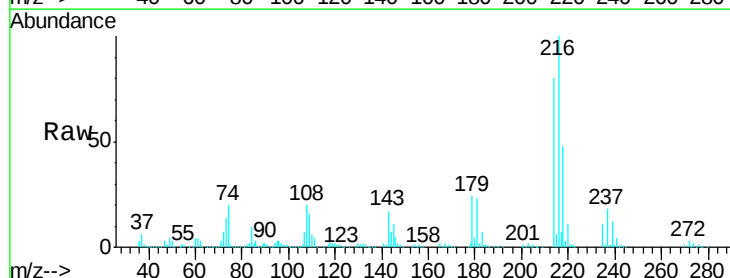
Ion Ratio Lower Upper

216 100

214 79.0 63.6 95.4

179 22.6 18.1 27.1

108 21.8 16.4 24.6

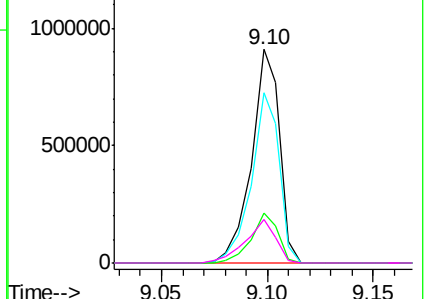
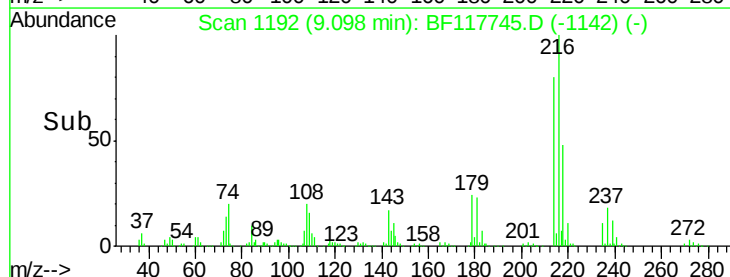


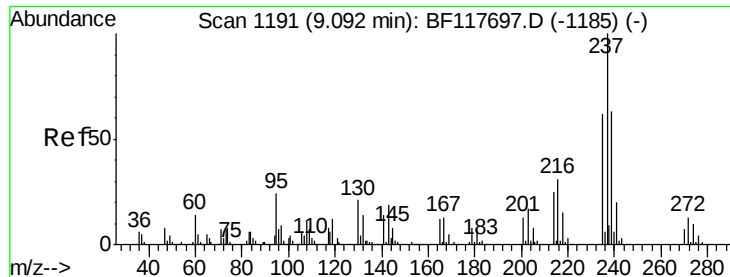
Abundance Ion 216.00 (215.70 to 216.70): E

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: 81.764 ng

RT: 9.09 min Scan# 1190

Delta R.T. -0.01 min

Lab File: BF117745.D

Acq: 8 Nov 2019 21:37

Instrument :

BNA_F

ClientSampleId :

3-CMS

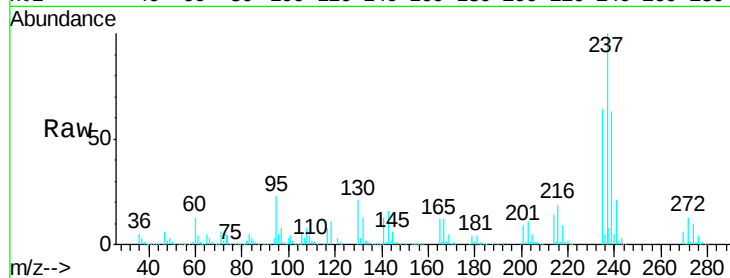
Tgt Ion: 237 Resp: 866675

Ion Ratio Lower Upper

237 100

235 63.7 42.2 82.2

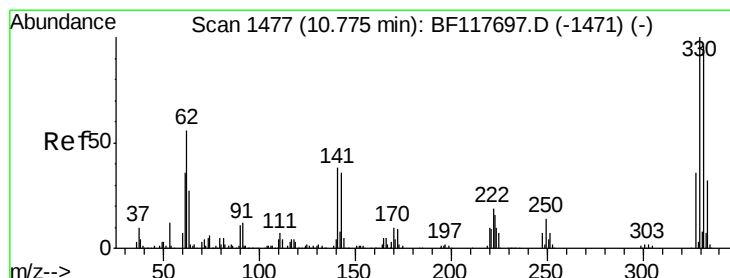
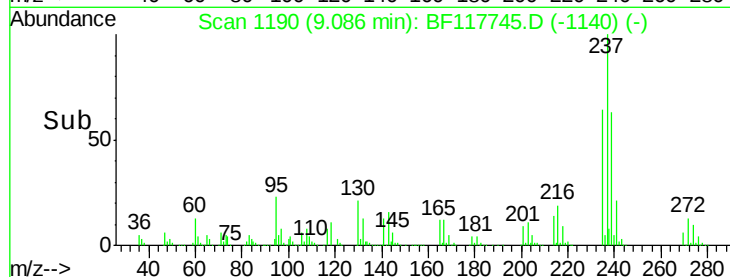
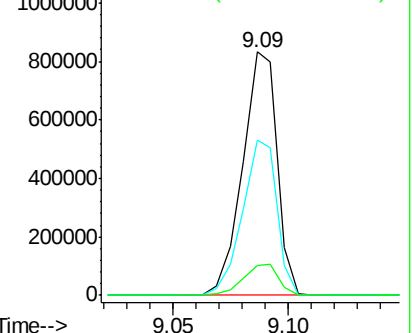
272 12.5 0.0 32.8



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: 122.563 ng

RT: 10.77 min Scan# 1477

Delta R.T. -0.00 min

Lab File: BF117745.D

Acq: 8 Nov 2019 21:37

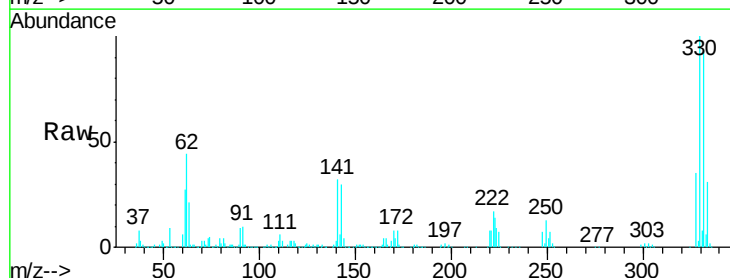
Tgt Ion: 330 Resp: 861068

Ion Ratio Lower Upper

330 100

332 94.7 77.4 116.0

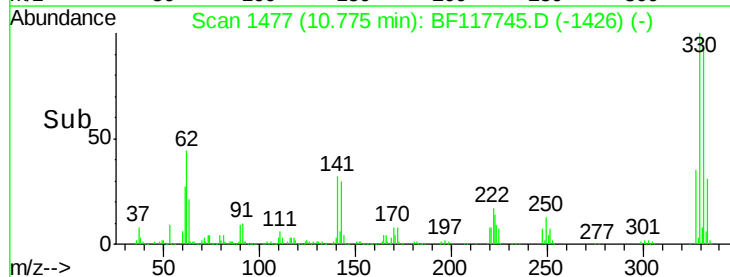
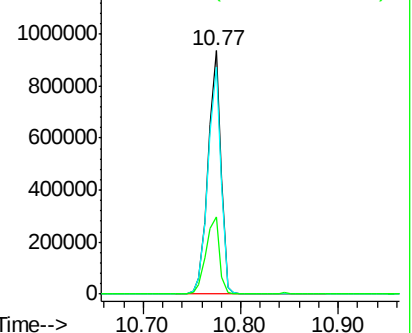
141 33.2 28.0 42.0

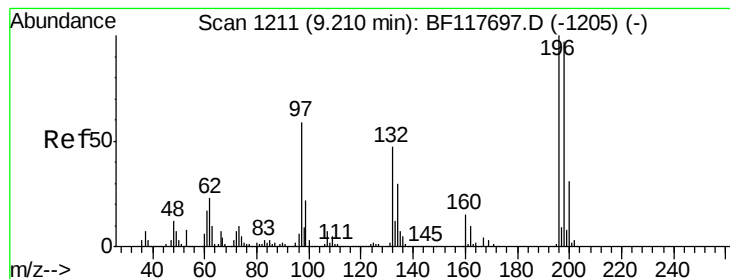


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#43

2,4,6-Trichlorophenol

Concen: 45.902 ng

RT: 9.21 min Scan# 1211

Delta R.T. -0.00 min

Lab File: BF117745.D

Acq: 8 Nov 2019 21:37

Instrument :

BNA_F

ClientSampleId :

3-CMS

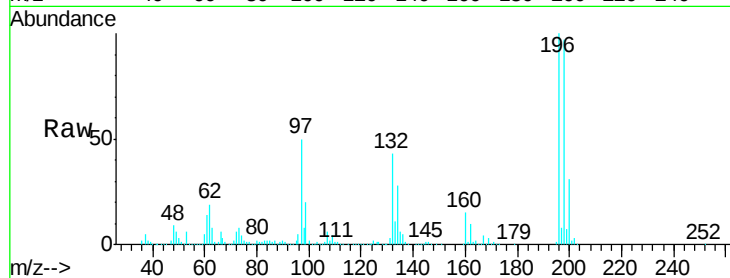
Tgt Ion:196 Resp: 656850

Ion Ratio Lower Upper

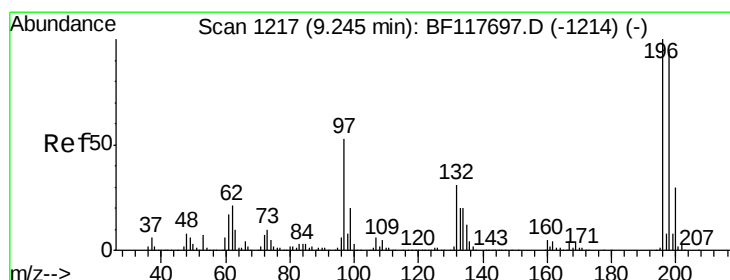
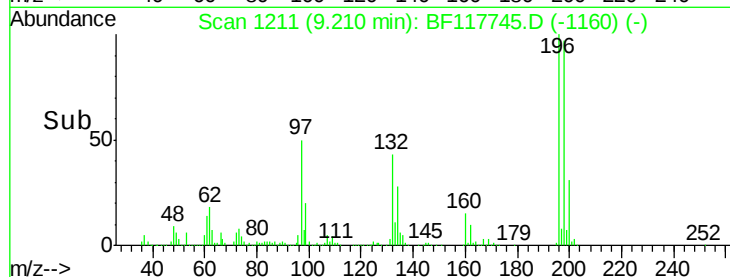
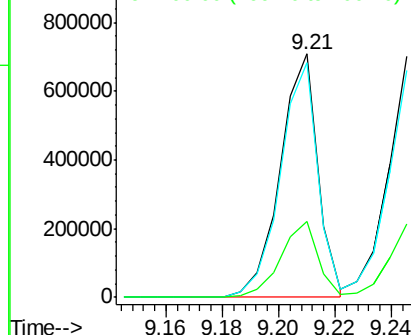
196 100

198 96.5 77.8 116.6

200 31.1 25.0 37.6



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



#44

2,4,5-Trichlorophenol

Concen: 48.974 ng

RT: 9.25 min Scan# 1217

Delta R.T. -0.00 min

Lab File: BF117745.D

Acq: 8 Nov 2019 21:37

Tgt Ion:196 Resp: 710362

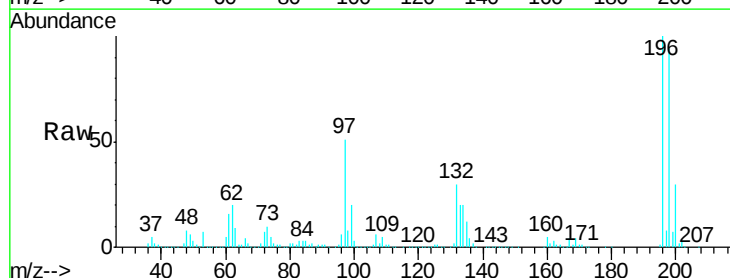
Ion Ratio Lower Upper

196 100

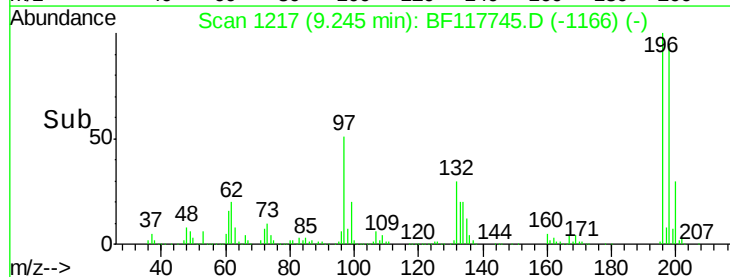
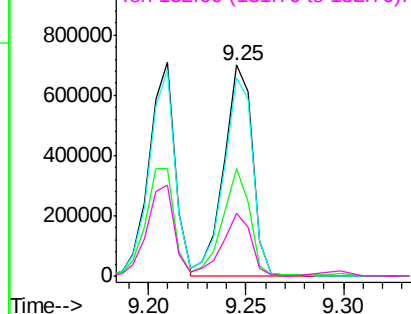
198 94.1 75.4 113.0

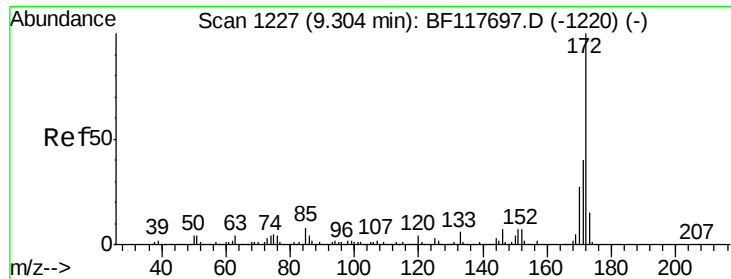
97 51.1 42.5 63.7

132 29.8 24.7 37.1



Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF1
Ion 132.00 (131.70 to 132.70): E

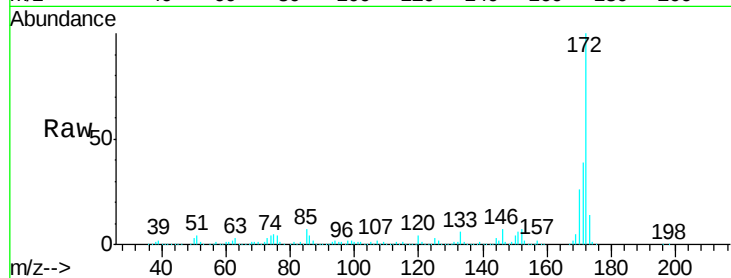




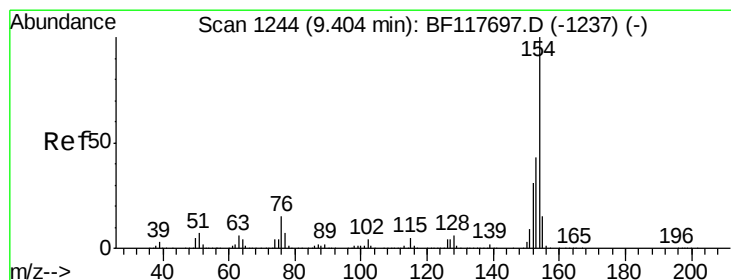
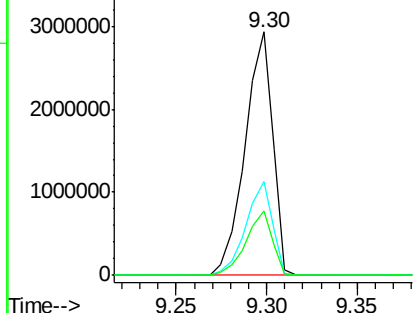
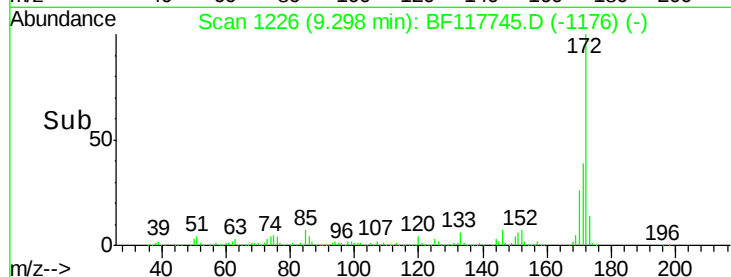
#45
 2-Fluorobiphenyl
 Concen: 85.199 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF117745.D
 Acq: 8 Nov 2019 21:37

Instrument :
 BNA_F
 ClientSampleId :
 3-CMS

Tgt Ion:172 Resp: 3101302
 Ion Ratio Lower Upper
 172 100
 171 38.6 31.8 47.8
 170 26.4 21.6 32.4

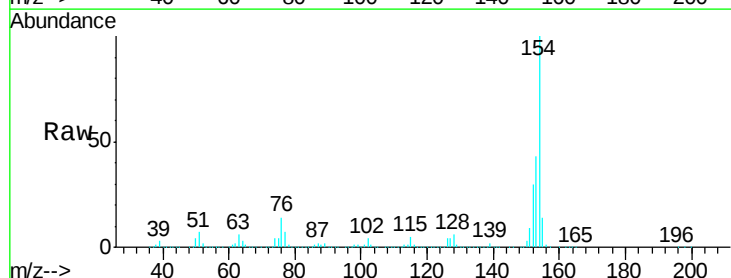


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

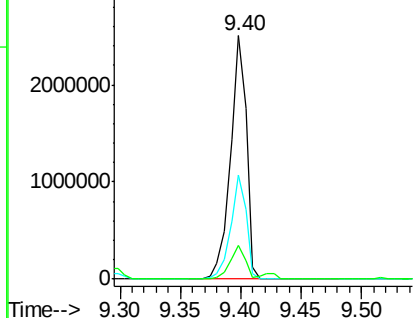
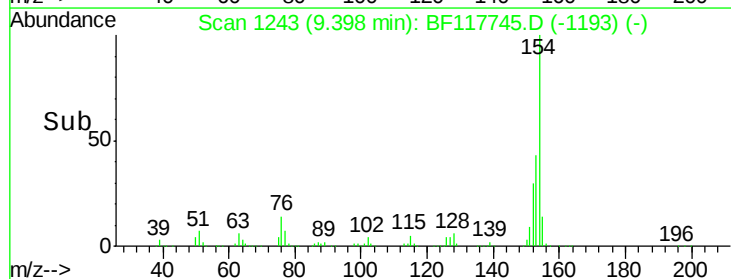


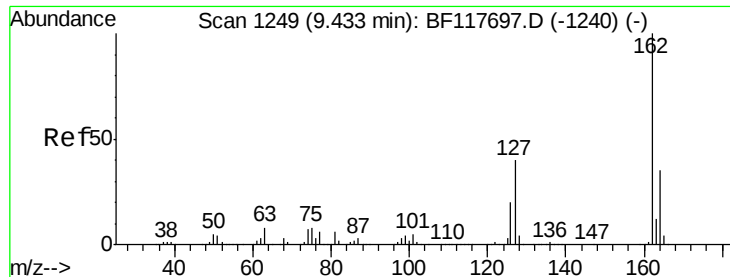
#46
 1,1'-Biphenyl
 Concen: 45.709 ng
 RT: 9.40 min Scan# 1243
 Delta R.T. -0.01 min
 Lab File: BF117745.D
 Acq: 8 Nov 2019 21:37

Tgt Ion:154 Resp: 2299124
 Ion Ratio Lower Upper
 154 100
 153 42.6 23.2 63.2
 76 14.1 0.0 34.7



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

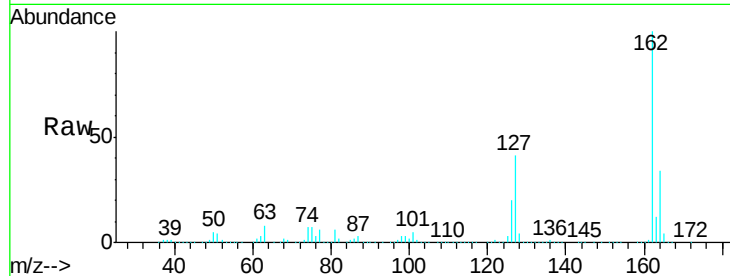




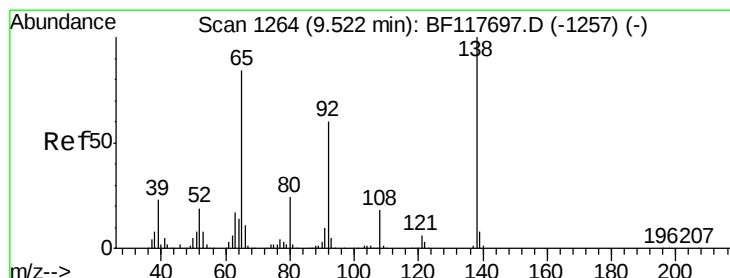
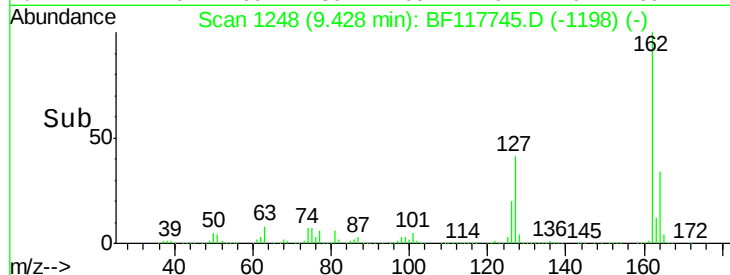
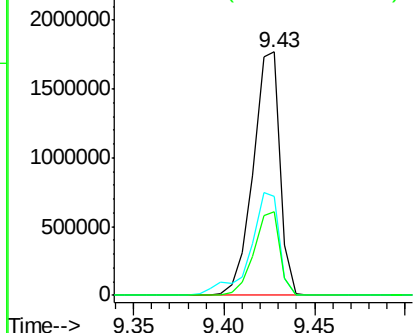
#47
2-Chloronaphthalene
Concen: 43.415 ng
RT: 9.43 min Scan# 1248
Delta R.T. -0.01 min
Lab File: BF117745.D
Acq: 8 Nov 2019 21:37

Instrument :
BNA_F
ClientSampleId :
3-CMS

Tgt Ion: 162 Resp: 1812210
Ion Ratio Lower Upper
162 100
127 40.7 32.2 48.4
164 34.3 28.1 42.1

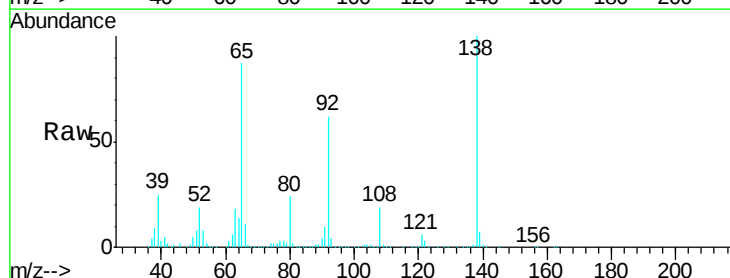


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

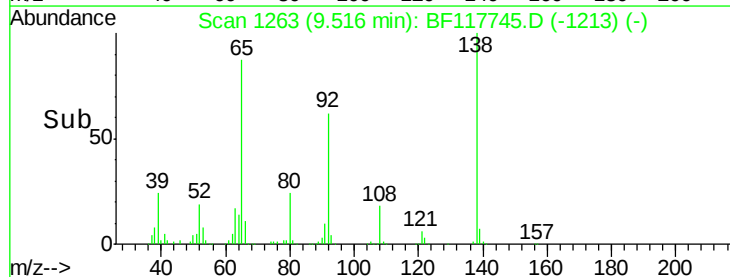
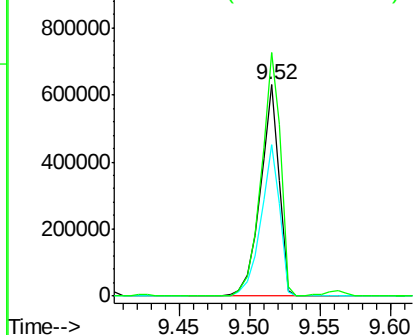


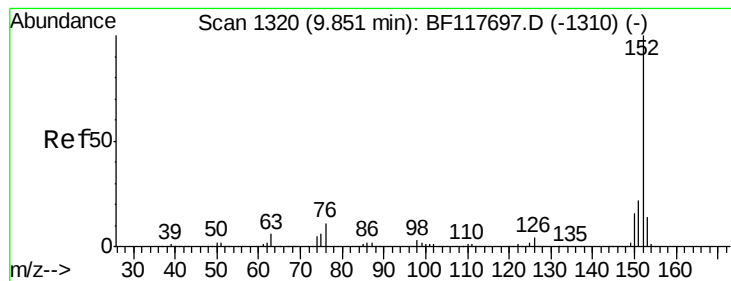
#48
2-Nitroaniline
Concen: 45.192 ng
RT: 9.52 min Scan# 1263
Delta R.T. -0.01 min
Lab File: BF117745.D
Acq: 8 Nov 2019 21:37

Tgt Ion: 65 Resp: 591150
Ion Ratio Lower Upper
65 100
92 71.6 57.3 85.9
138 115.2 95.0 142.6



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





#49

Acenaphthylene

Concen: 47.839 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BF117745.D

Acq: 8 Nov 2019 21:37

Instrument :

BNA_F

ClientSampleId :

3-CMS

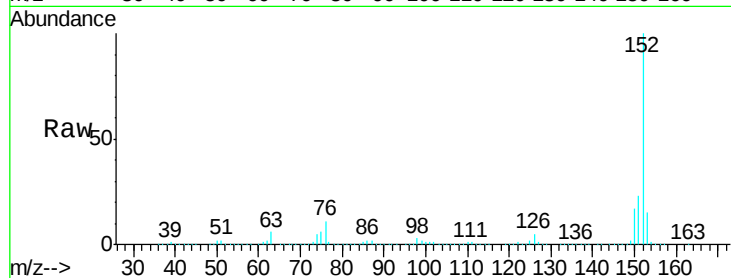
Tgt Ion:152 Resp: 2908071

Ion Ratio Lower Upper

152 100

151 22.7 17.8 26.6

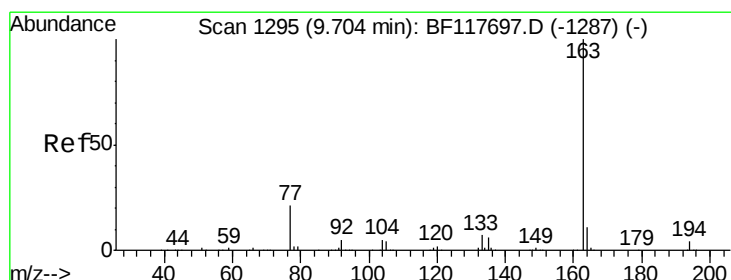
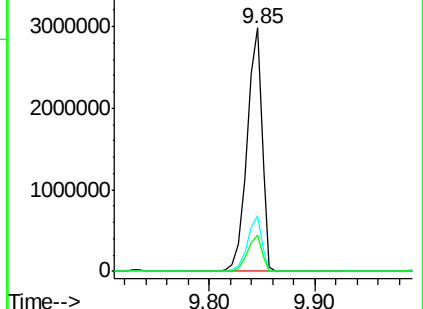
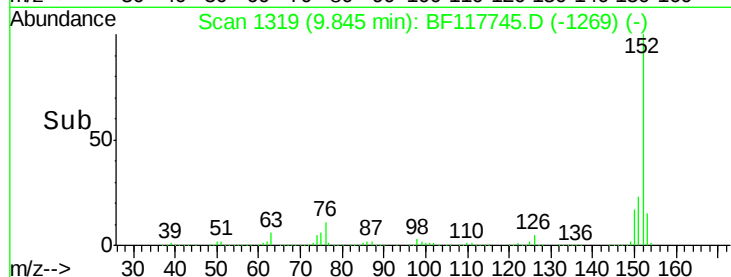
153 14.8 11.5 17.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 51.046 ng

RT: 9.70 min Scan# 1295

Delta R.T. 0.00 min

Lab File: BF117745.D

Acq: 8 Nov 2019 21:37

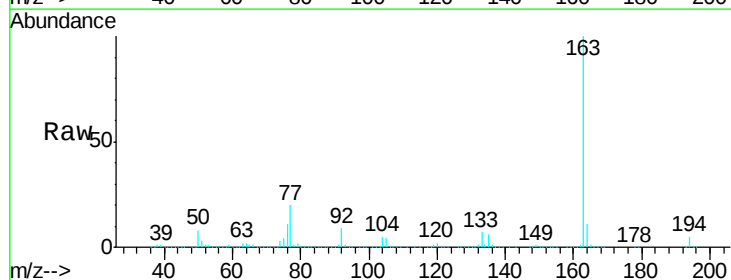
Tgt Ion:163 Resp: 2478382

Ion Ratio Lower Upper

163 100

194 4.6 3.4 5.0

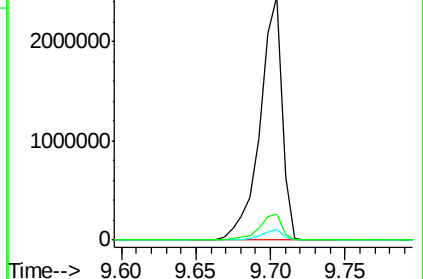
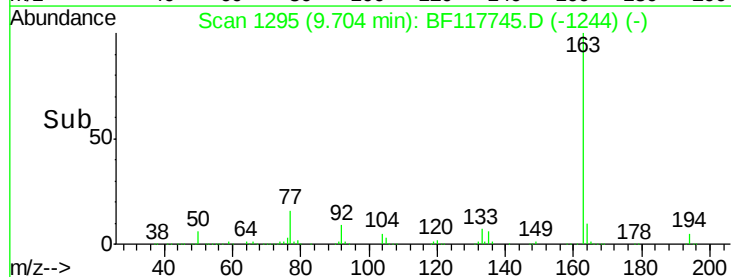
164 10.7 8.9 13.3

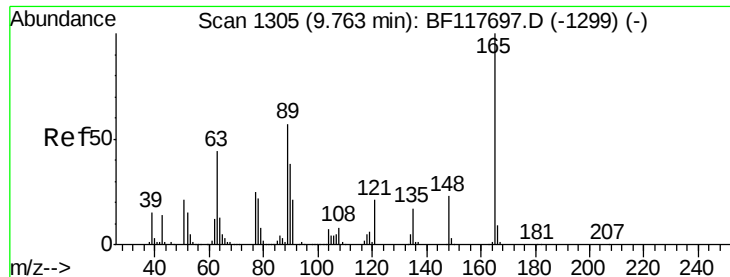


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 48.250 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.00 min

Lab File: BF117745.D

Acq: 8 Nov 2019 21:37

Instrument :

BNA_F

ClientSampleId :

3-CMS

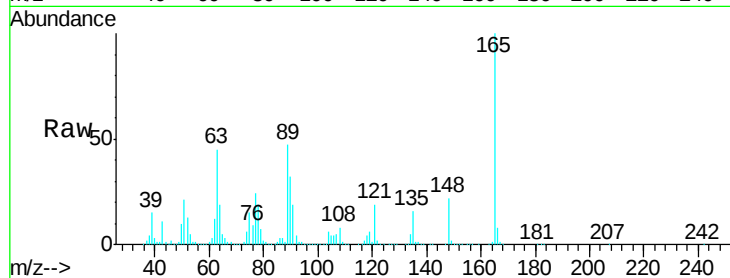
Tgt Ion:165 Resp: 524573

Ion Ratio Lower Upper

165 100

63 44.9 45.6 68.4#

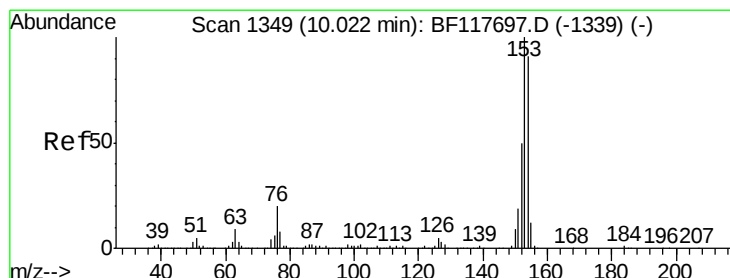
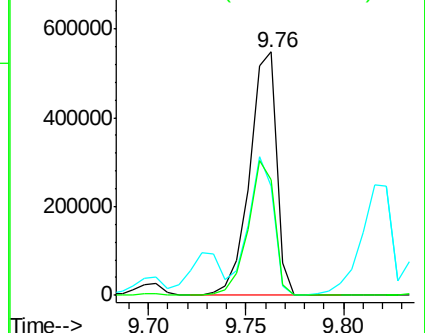
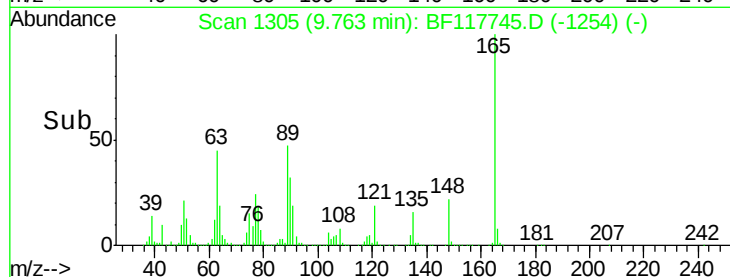
89 47.5 45.8 68.6



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: 47.334 ng

RT: 10.02 min Scan# 1348

Delta R.T. -0.01 min

Lab File: BF117745.D

Acq: 8 Nov 2019 21:37

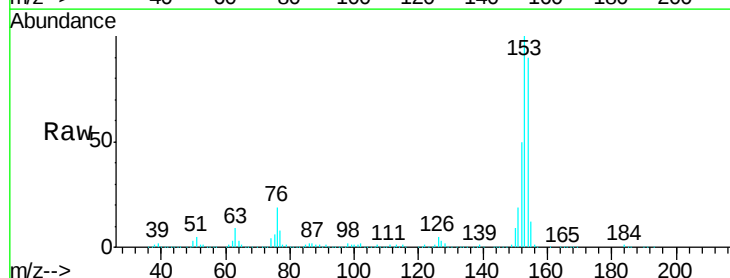
Tgt Ion:154 Resp: 1856690

Ion Ratio Lower Upper

154 100

153 110.6 87.8 131.6

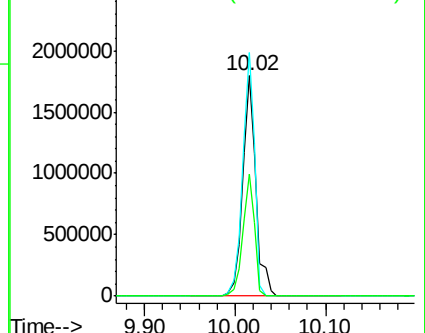
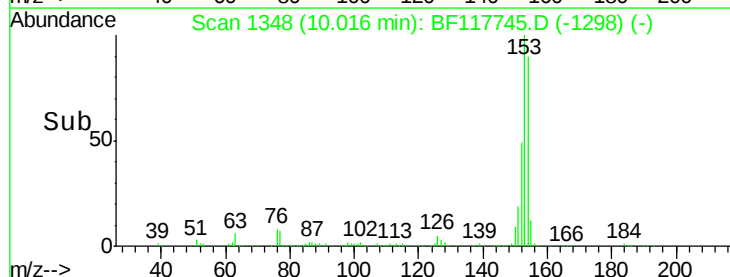
152 55.3 43.5 65.3

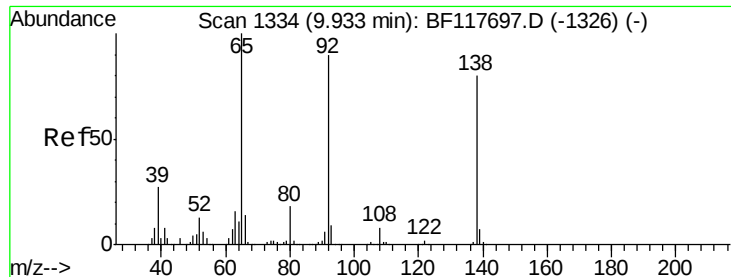


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

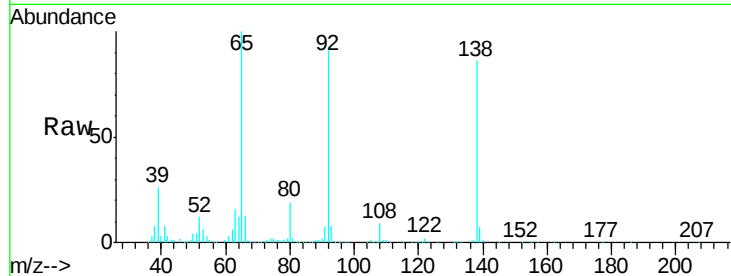




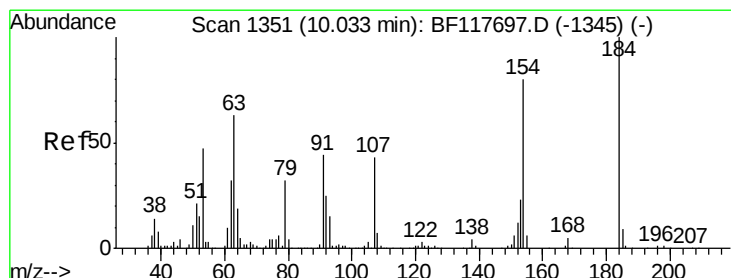
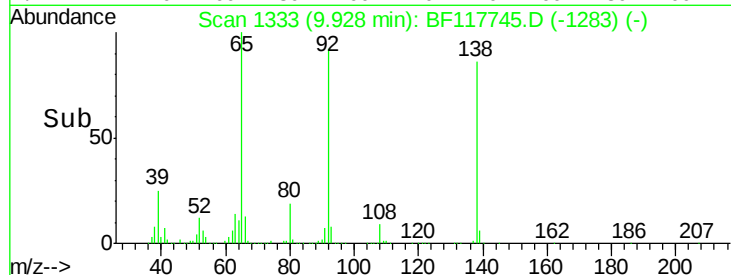
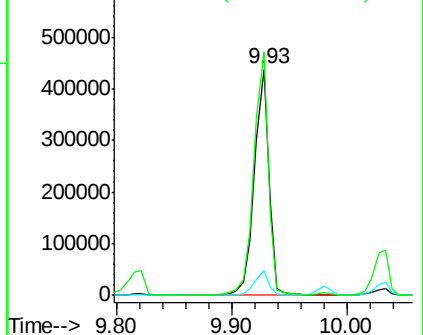
#53
 3-Nitroaniline
 Concen: 29.345 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. -0.01 min
 Lab File: BF117745.D
 Acq: 8 Nov 2019 21:37

Instrument :
 BNA_F
 ClientSampleId :
 3-CMS

Tgt Ion:138 Resp: 384904
 Ion Ratio Lower Upper
 138 100
 108 10.8 8.5 12.7
 92 107.8 89.8 134.8

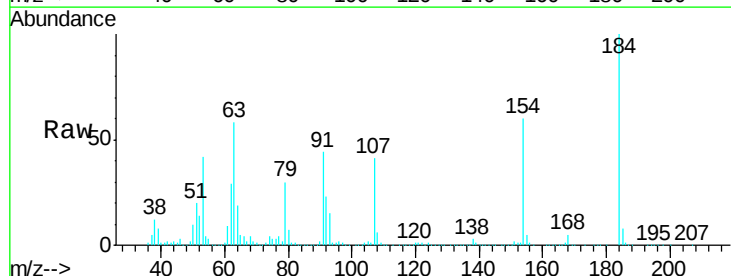


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

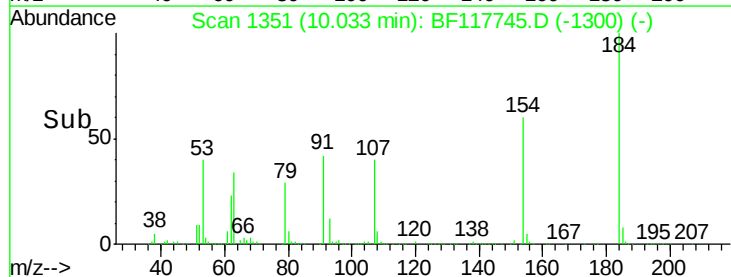
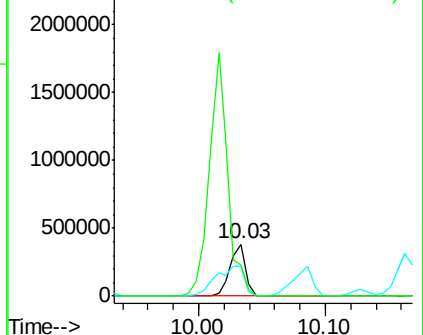


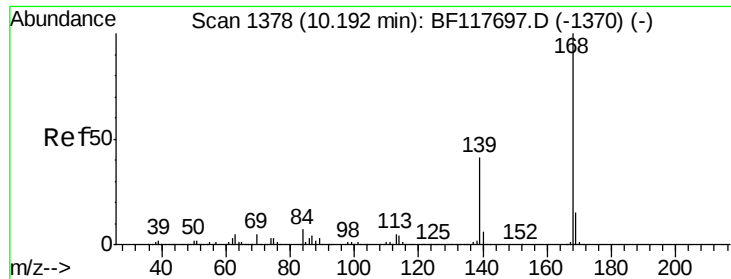
#54
 2,4-Dinitrophenol
 Concen: 86.648 ng
 RT: 10.03 min Scan# 1351
 Delta R.T. -0.00 min
 Lab File: BF117745.D
 Acq: 8 Nov 2019 21:37

Tgt Ion:184 Resp: 322956
 Ion Ratio Lower Upper
 184 100
 63 58.3 51.4 77.0
 154 59.9 70.2 105.2#



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

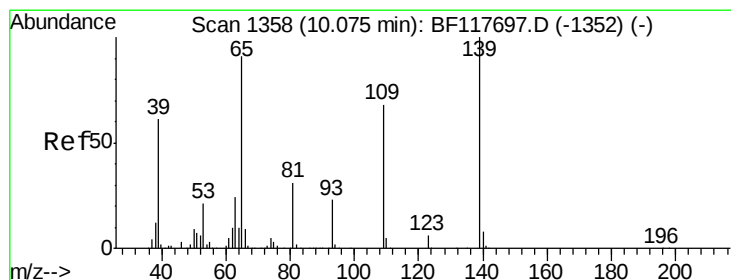
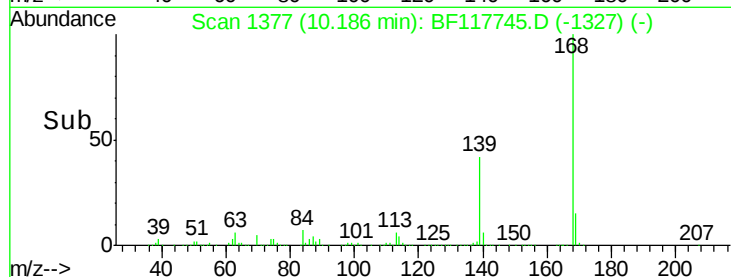
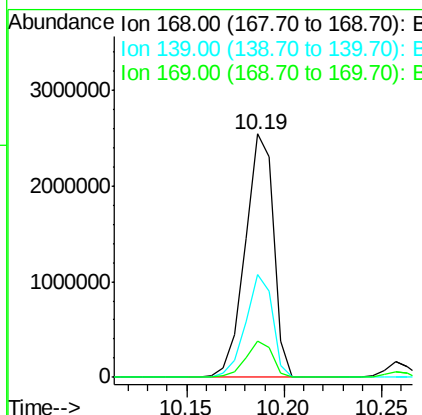
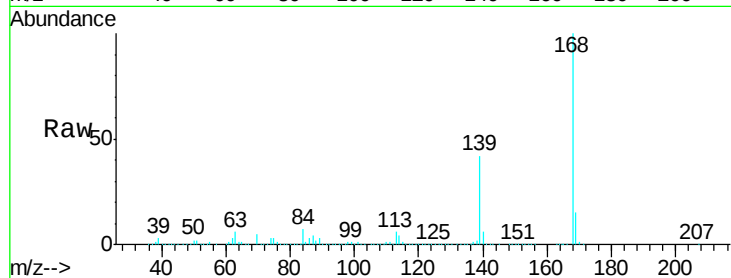




#55
Dibenzofuran
Concen: 46.628 ng
RT: 10.19 min Scan# 1377
Delta R.T. -0.01 min
Lab File: BF117745.D
Acq: 8 Nov 2019 21:37

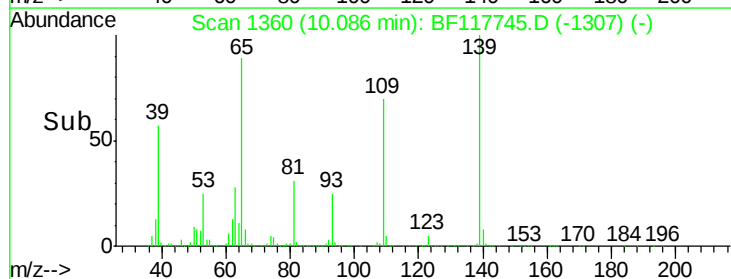
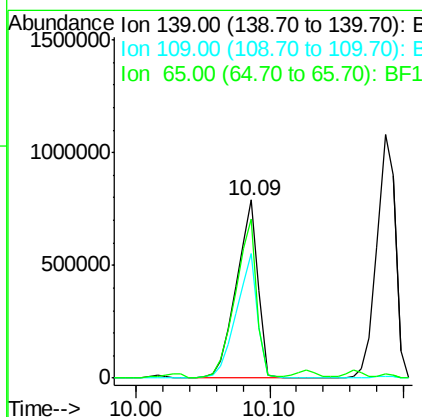
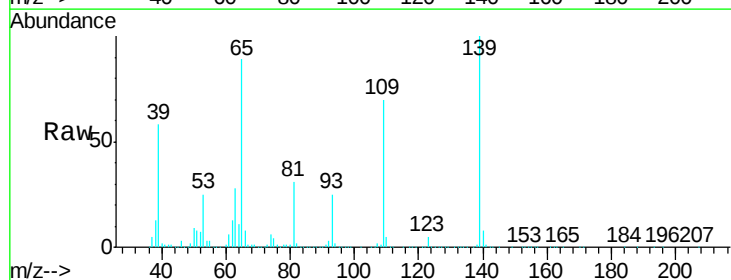
Instrument :
BNA_F
ClientSampleId :
3-CMS

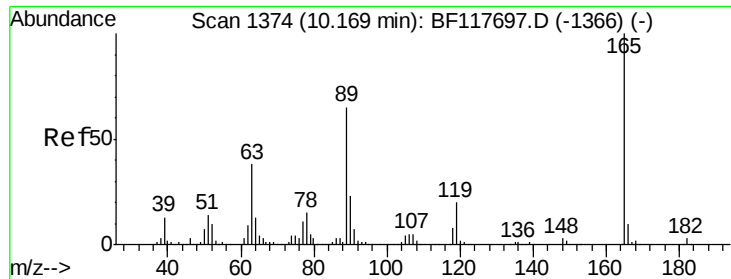
Tgt Ion:168 Resp: 2559324
Ion Ratio Lower Upper
168 100
139 42.5 33.2 49.8
169 15.0 11.7 17.5



#56
4-Nitrophenol
Concen: 90.489 ng
RT: 10.09 min Scan# 1360
Delta R.T. 0.01 min
Lab File: BF117745.D
Acq: 8 Nov 2019 21:37

Tgt Ion:139 Resp: 892605
Ion Ratio Lower Upper
139 100
109 69.7 47.7 87.7
65 89.5 71.9 111.9

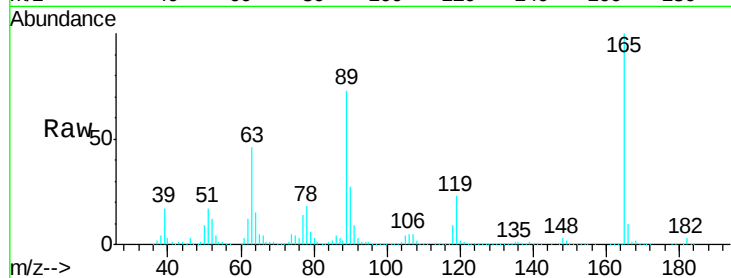




#57
2,4-Dinitrotoluene
Concen: 49.849 ng
RT: 10.16 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BF117745.D
Acq: 8 Nov 2019 21:37

Instrument :
BNA_F
ClientSampleId :
3-CMS

Tgt Ion	Ratio	Lower	Upper
165	100		
63	45.7	30.4	45.6#
89	73.5	52.2	78.4
182	2.9	2.3	3.5



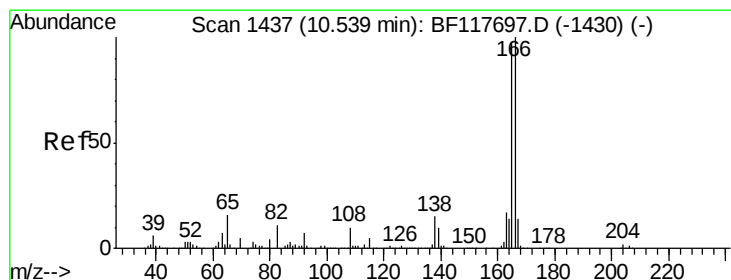
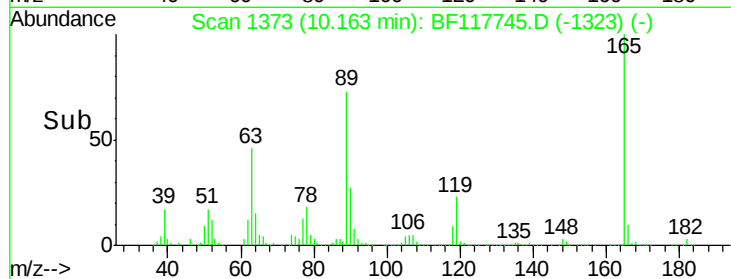
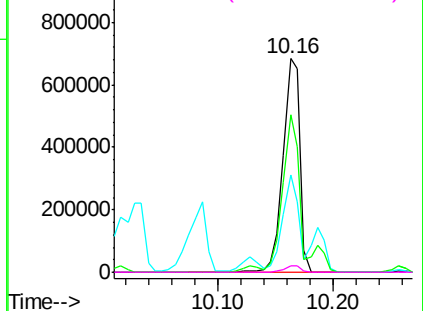
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

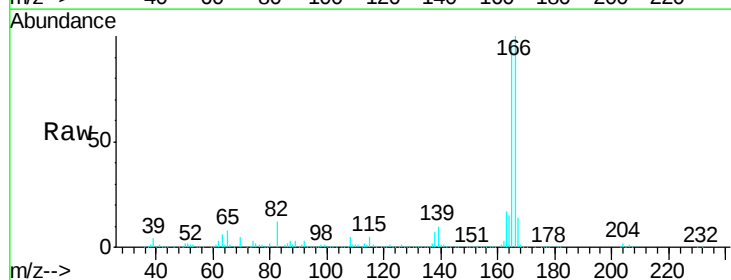
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 46.226 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BF117745.D
Acq: 8 Nov 2019 21:37

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.1	77.4	116.0
167	14.0	11.0	16.4

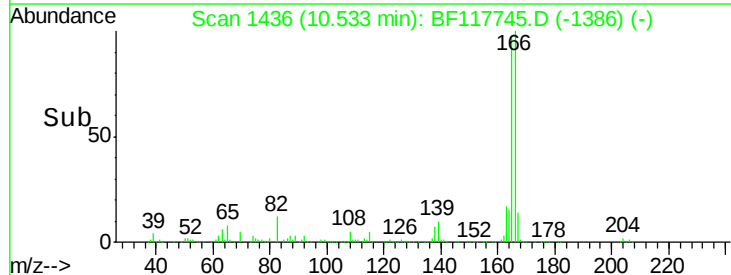
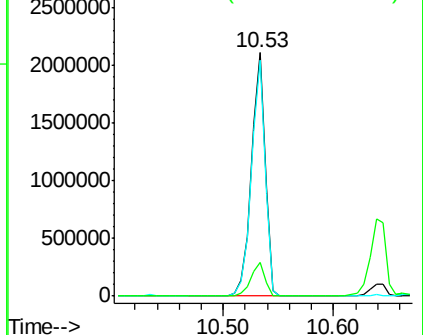


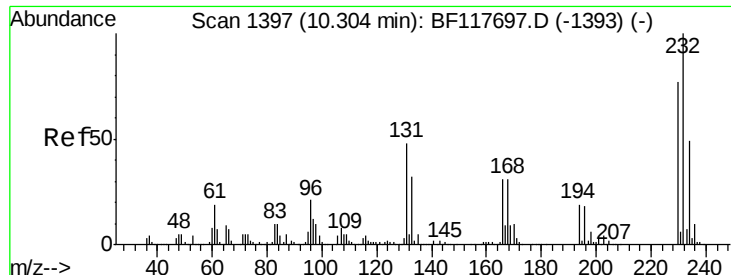
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

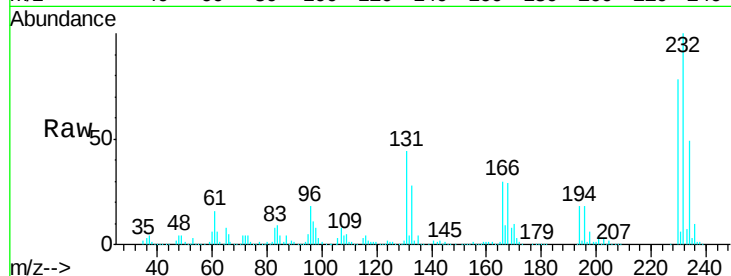




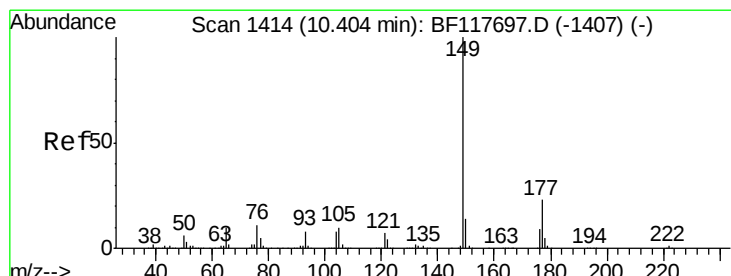
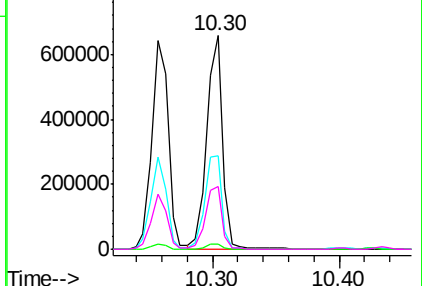
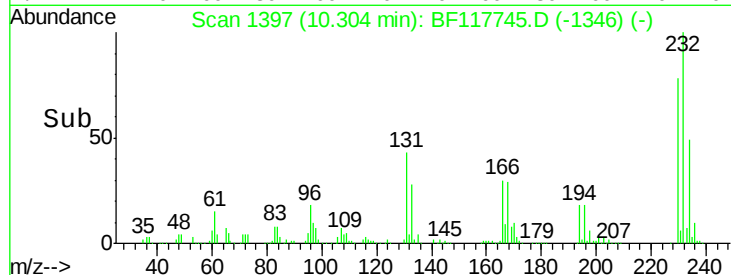
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.767 ng
 RT: 10.30 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: BF117745.D
 Acq: 8 Nov 2019 21:37

Instrument :
 BNA_F
 ClientSampleId :
 3-CMS

Tgt Ion:	232	Resp:	575958
Ion	Ratio	Lower	Upper
232	100		
131	47.3	37.8	56.8
130	2.4	1.9	2.9
166	30.9	24.6	36.8

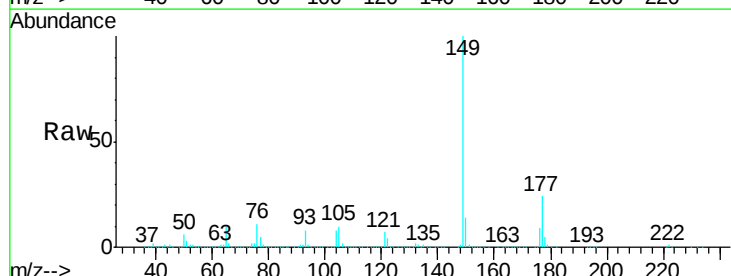


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

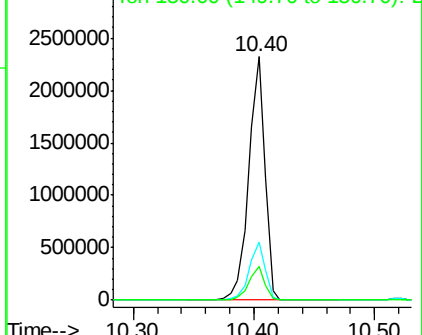
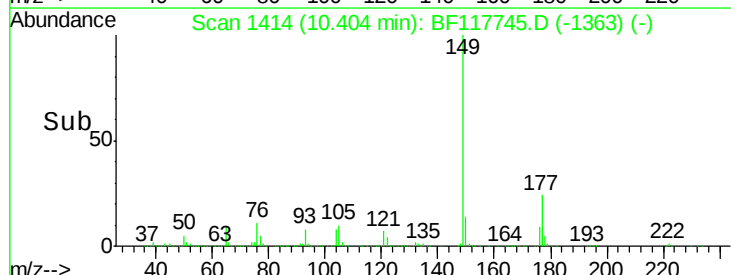


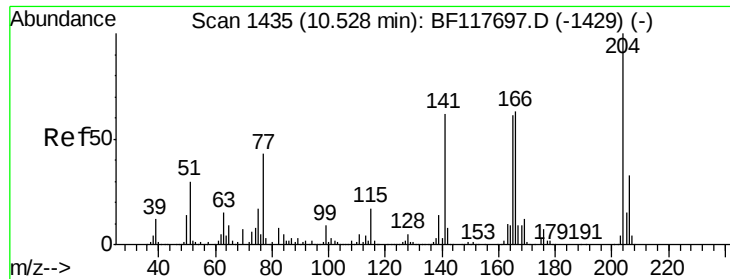
#60
 Diethylphthalate
 Concen: 45.553 ng
 RT: 10.40 min Scan# 1414
 Delta R.T. -0.00 min
 Lab File: BF117745.D
 Acq: 8 Nov 2019 21:37

Tgt Ion:	149	Resp:	2175078
Ion	Ratio	Lower	Upper
149	100		
177	24.1	18.8	28.2
150	13.6	10.8	16.2



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

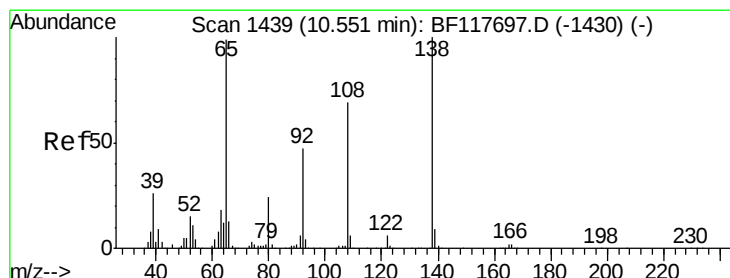
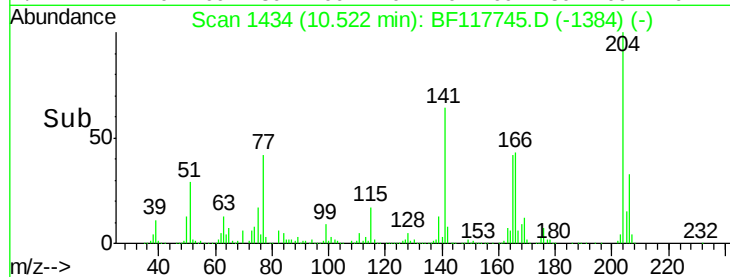
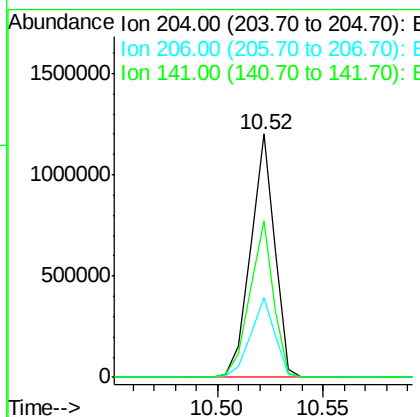
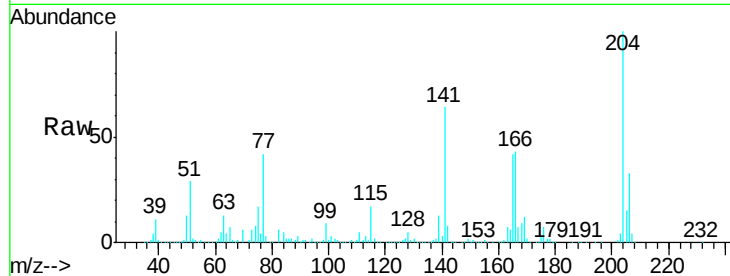




#61
4-Chlorophenyl-phenylether
Concen: 45.175 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF117745.D
Acq: 8 Nov 2019 21:37

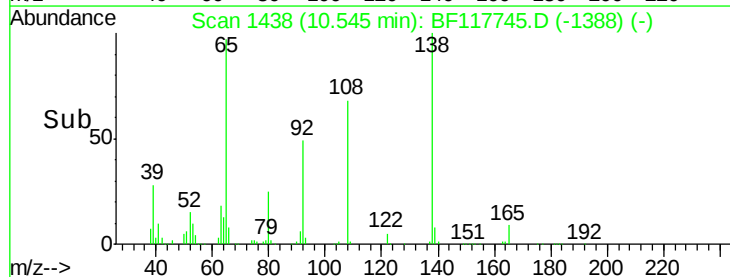
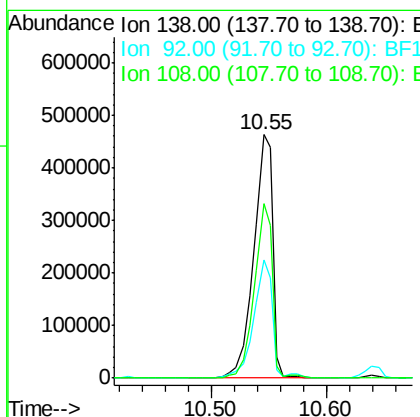
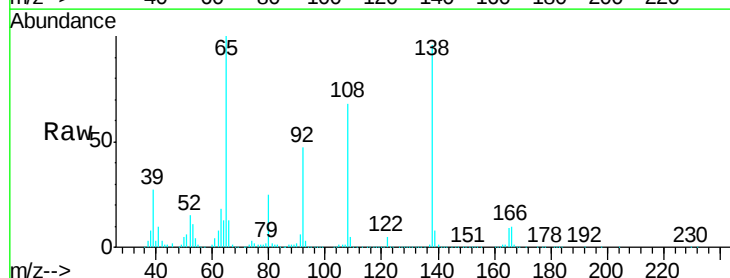
Instrument :
BNA_F
ClientSampleId :
3-CMS

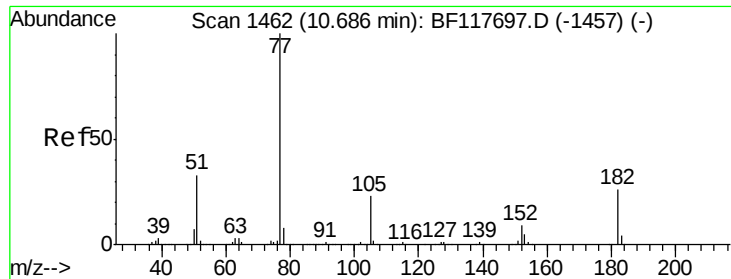
Tgt Ion: 204 Resp: 951320
Ion Ratio Lower Upper
204 100
206 33.0 26.2 39.4
141 64.4 49.7 74.5



#62
4-Nitroaniline
Concen: 41.222 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF117745.D
Acq: 8 Nov 2019 21:37

Tgt Ion: 138 Resp: 532174
Ion Ratio Lower Upper
138 100
92 48.7 26.9 66.9
108 71.5 49.1 89.1

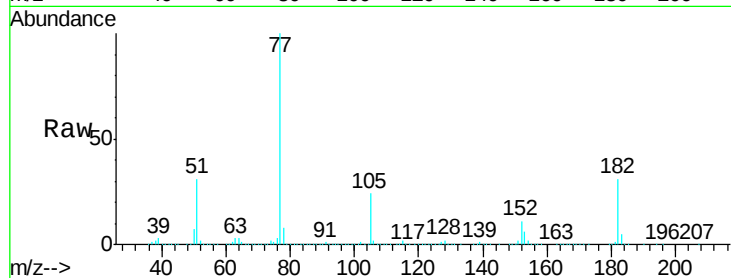




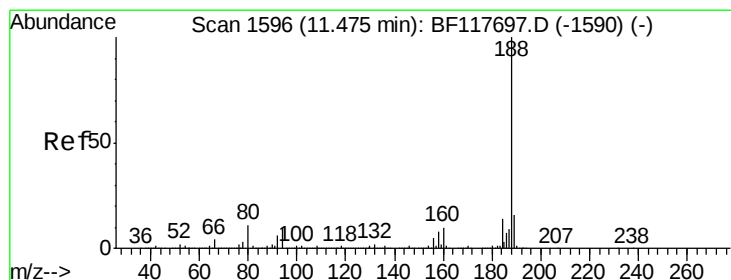
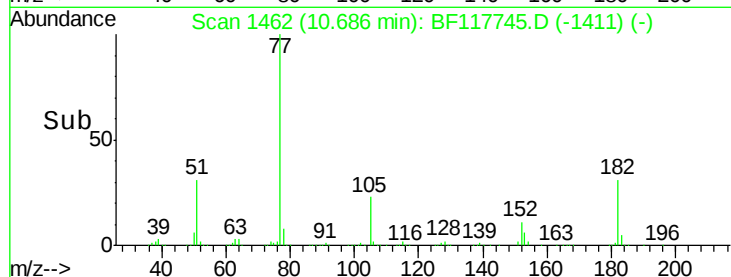
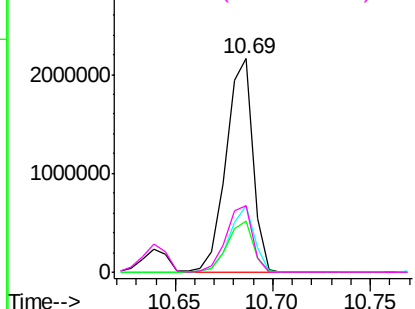
#63
Azobenzene
Concen: 45.338 ng
RT: 10.69 min Scan# 1462
Delta R.T. -0.00 min
Lab File: BF117745.D
Acq: 8 Nov 2019 21:37

Instrument :
BNA_F
ClientSampleId :
3-CMS

Tgt Ion: 77 Resp: 2050380
Ion Ratio Lower Upper
77 100
182 31.2 6.0 46.0
105 23.9 2.8 42.8
51 31.1 13.0 53.0

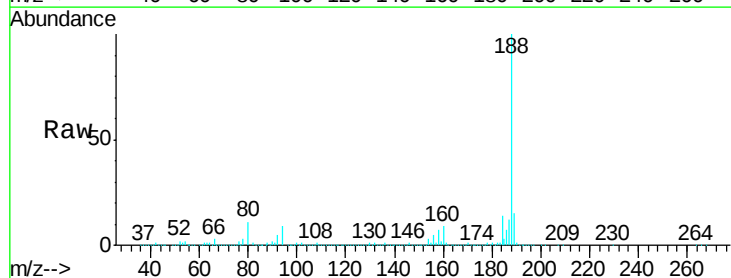


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

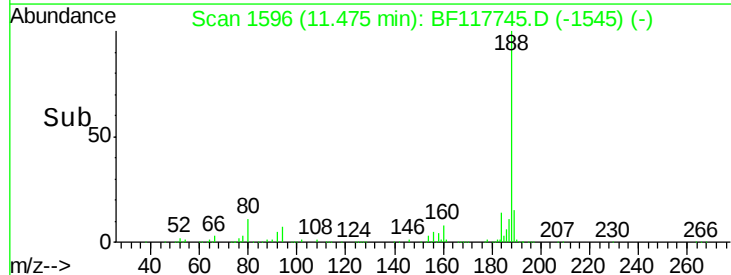
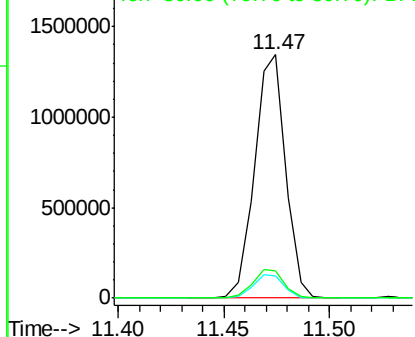


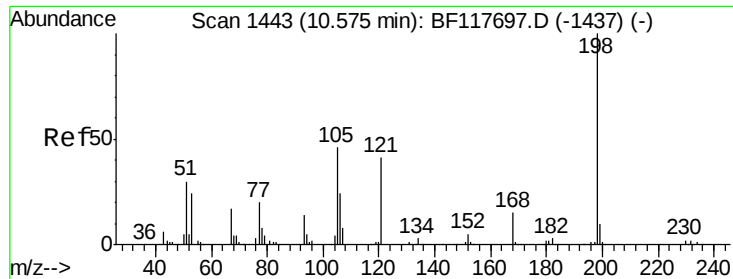
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.47 min Scan# 1596
Delta R.T. -0.00 min
Lab File: BF117745.D
Acq: 8 Nov 2019 21:37

Tgt Ion: 188 Resp: 1367692
Ion Ratio Lower Upper
188 100
94 9.0 8.2 12.4
80 11.0 8.6 13.0



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 46.298 ng

RT: 10.57 min Scan# 1443

Delta R.T. -0.00 min

Lab File: BF117745.D

Acq: 8 Nov 2019 21:37

Instrument :

BNA_F

ClientSampleId :

3-CMS

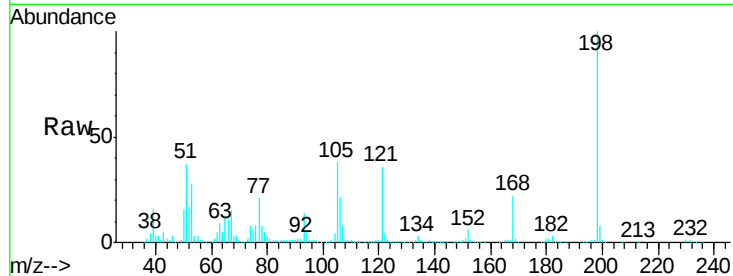
Tgt Ion:198 Resp: 252848

Ion Ratio Lower Upper

198 100

51 36.6 28.1 68.1

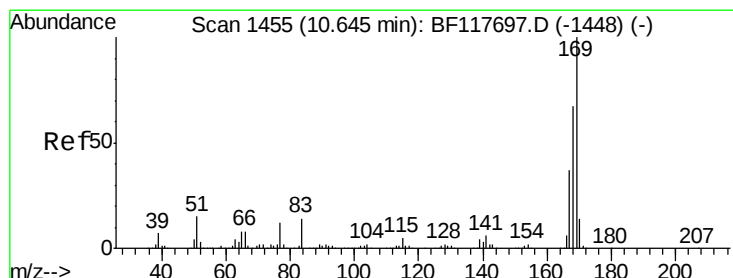
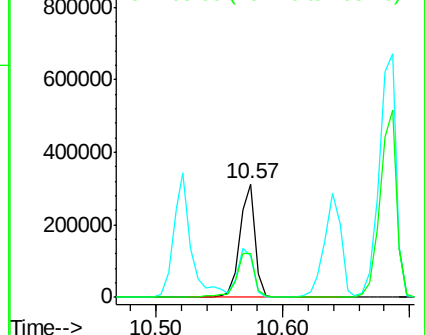
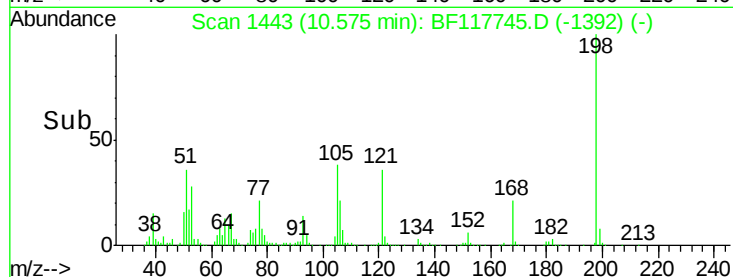
105 38.3 27.3 67.3



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: 44.233 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BF117745.D

Acq: 8 Nov 2019 21:37

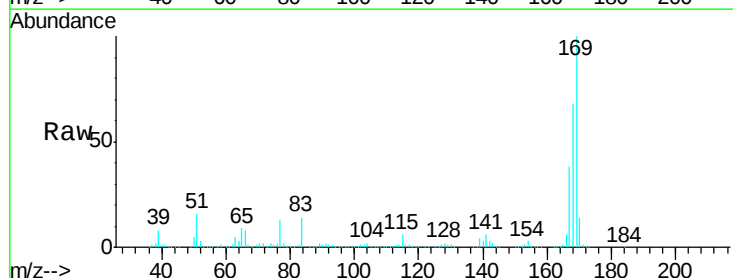
Tgt Ion:169 Resp: 1786768

Ion Ratio Lower Upper

169 100

168 67.7 53.8 80.8

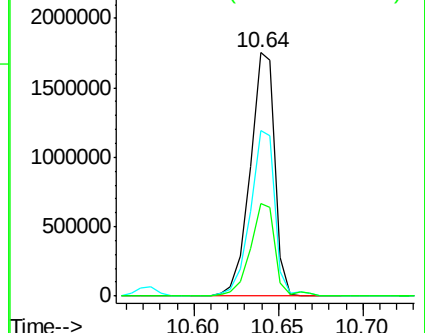
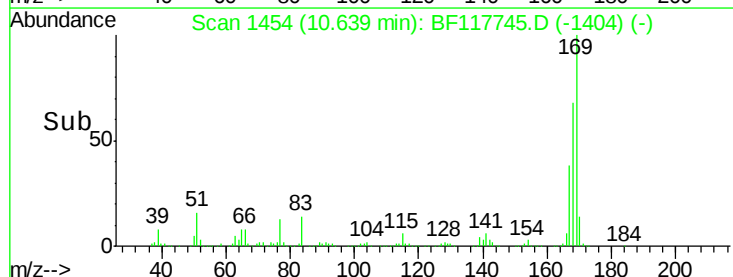
167 38.0 29.9 44.9

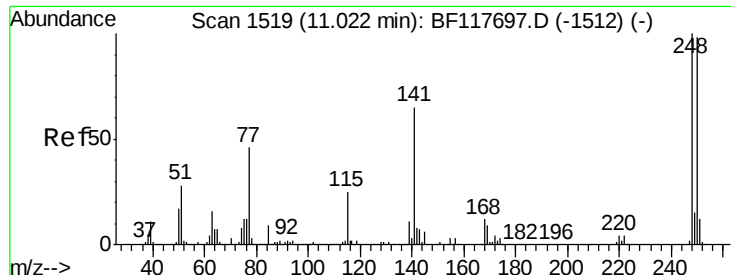


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

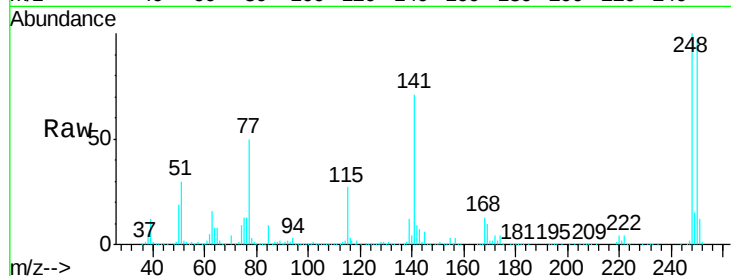




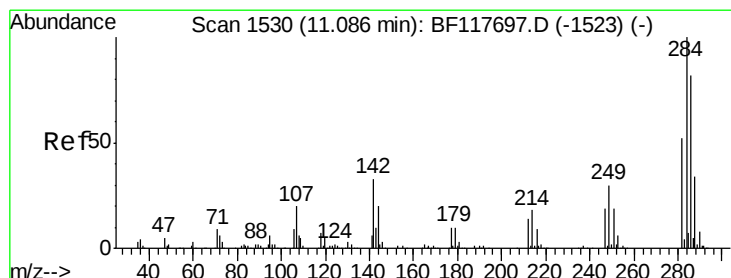
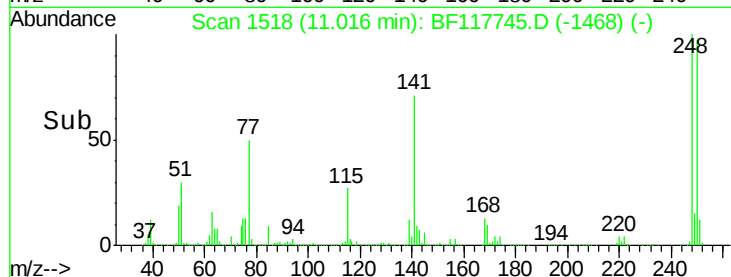
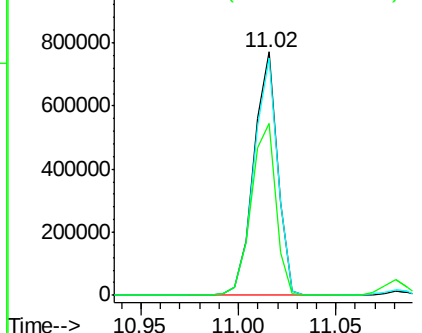
#67
4-Bromophenyl-phenylether
Concen: 43.652 ng
RT: 11.02 min Scan# 1518
Delta R.T. -0.01 min
Lab File: BF117745.D
Acq: 8 Nov 2019 21:37

Instrument :
BNA_F
ClientSampled :
3-CMS

Tgt Ion:248 Resp: 652018
Ion Ratio Lower Upper
248 100
250 97.2 78.7 118.1
141 70.6 51.8 77.8

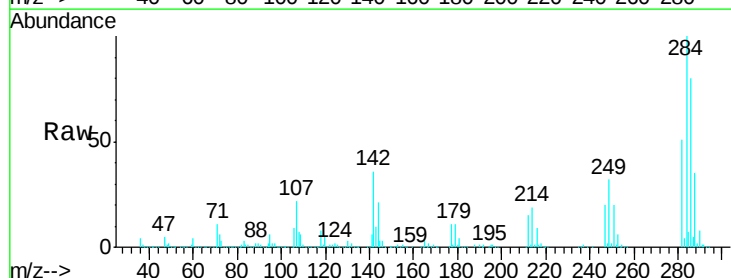


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

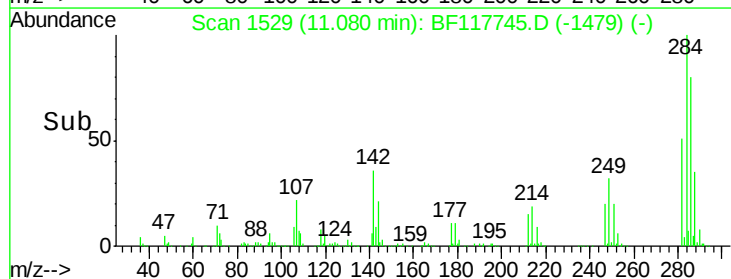
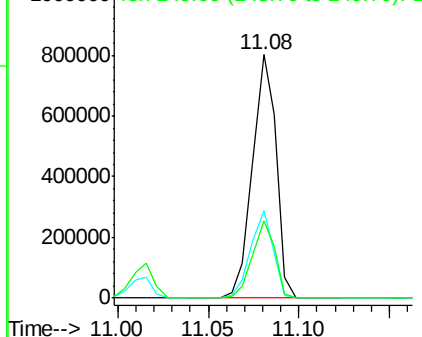


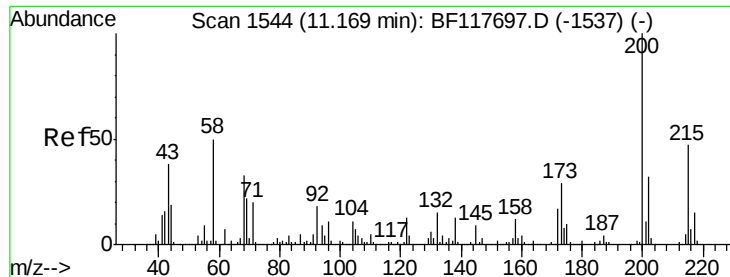
#68
Hexachlorobenzene
Concen: 42.069 ng
RT: 11.08 min Scan# 1529
Delta R.T. -0.01 min
Lab File: BF117745.D
Acq: 8 Nov 2019 21:37

Tgt Ion:284 Resp: 725905
Ion Ratio Lower Upper
284 100
142 35.8 26.6 39.8
249 31.6 24.4 36.6



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

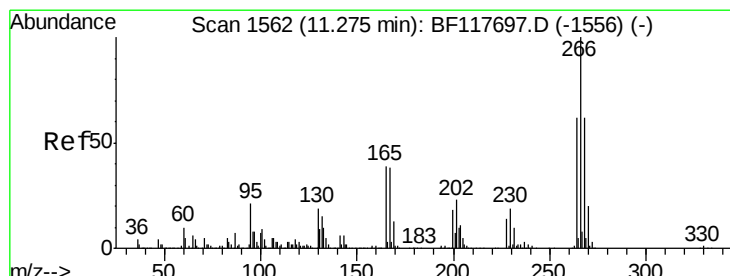
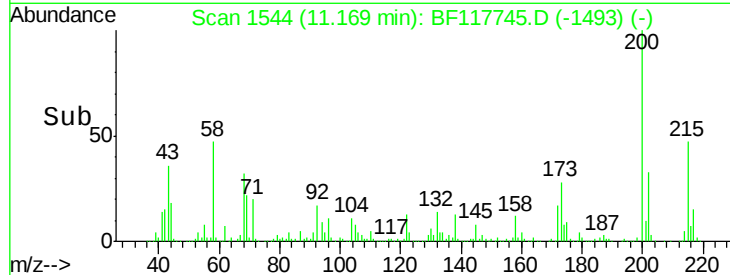
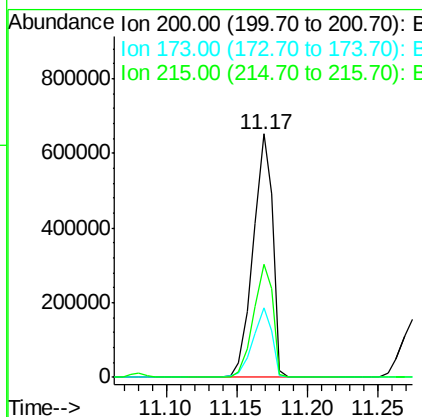
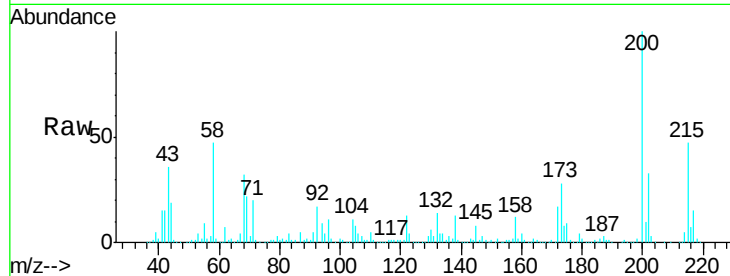




#69
 Atrazine
 Concen: 47.745 ng
 RT: 11.17 min Scan# 1544
 Delta R.T. -0.00 min
 Lab File: BF117745.D
 Acq: 8 Nov 2019 21:37

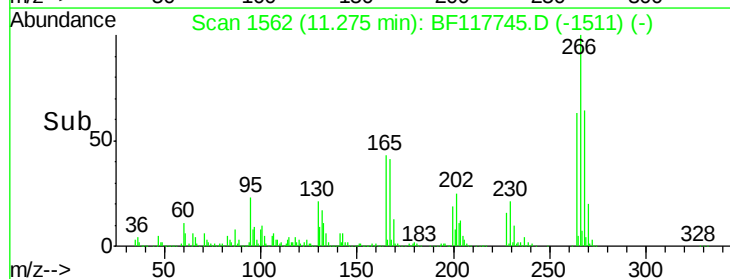
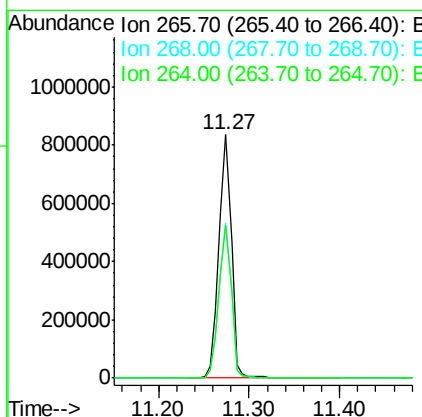
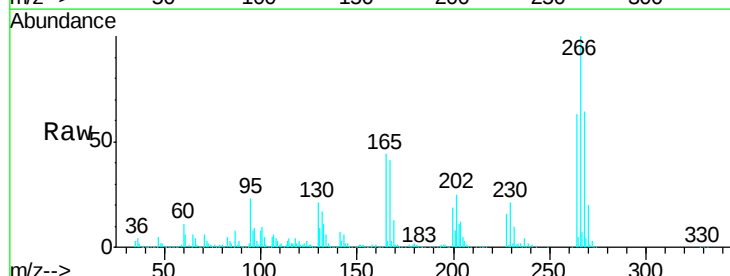
Instrument :
 BNA_F
 ClientSampleId :
 3-CMS

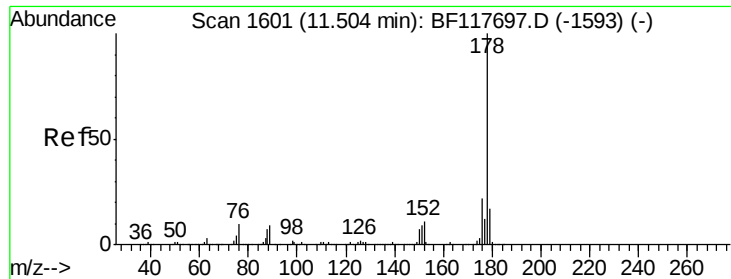
Tgt Ion:200 Resp: 635547
 Ion Ratio Lower Upper
 200 100
 173 28.4 8.5 48.5
 215 46.5 27.4 67.4



#70
 Pentachlorophenol
 Concen: 82.687 ng
 RT: 11.27 min Scan# 1562
 Delta R.T. -0.00 min
 Lab File: BF117745.D
 Acq: 8 Nov 2019 21:37

Tgt Ion:266 Resp: 797600
 Ion Ratio Lower Upper
 266 100
 268 63.6 49.8 74.6
 264 62.8 49.7 74.5

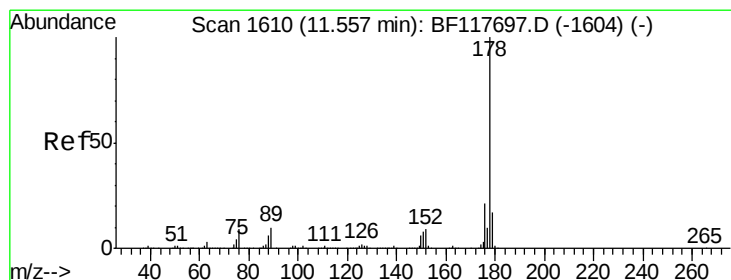
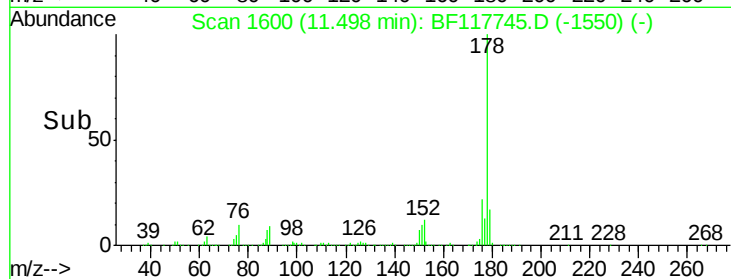
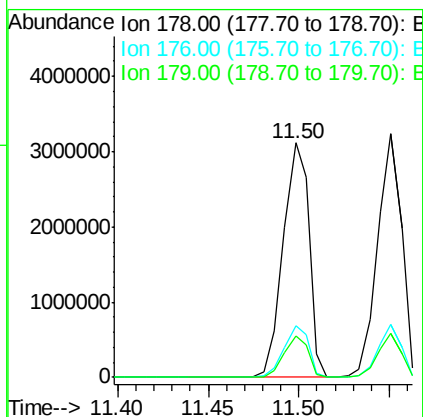
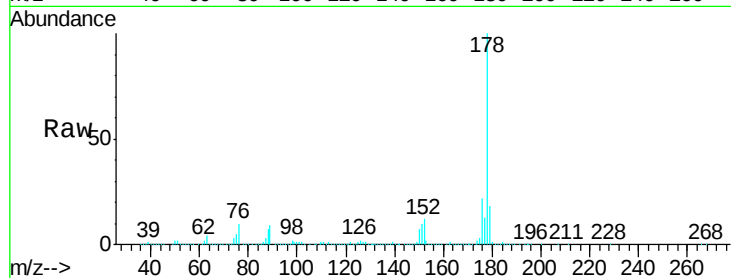




#71
Phenanthrene
Concen: 47.407 ng
RT: 11.50 min Scan# 1600
Delta R.T. -0.01 min
Lab File: BF117745.D
Acq: 8 Nov 2019 21:37

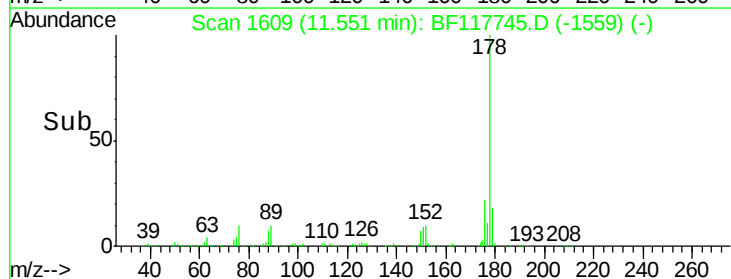
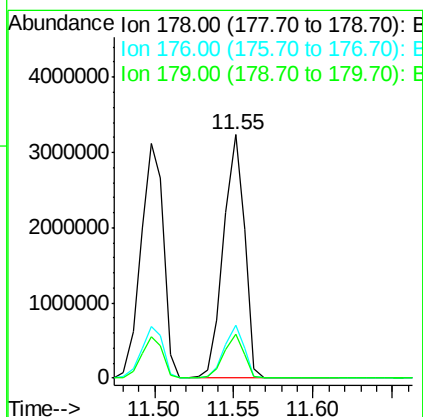
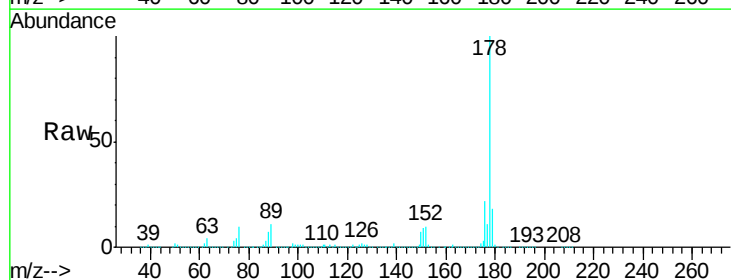
Instrument :
BNA_F
ClientSampleId :
3-CMS

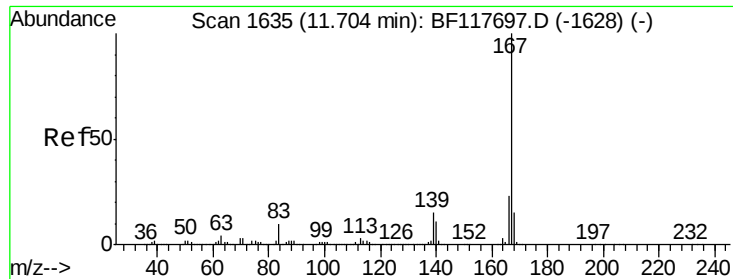
Tgt Ion:178 Resp: 3107808
Ion Ratio Lower Upper
178 100
176 22.1 17.7 26.5
179 17.5 13.8 20.8



#72
Anthracene
Concen: 45.666 ng
RT: 11.55 min Scan# 1609
Delta R.T. -0.01 min
Lab File: BF117745.D
Acq: 8 Nov 2019 21:37

Tgt Ion:178 Resp: 2978390
Ion Ratio Lower Upper
178 100
176 21.6 16.6 25.0
179 17.8 13.5 20.3

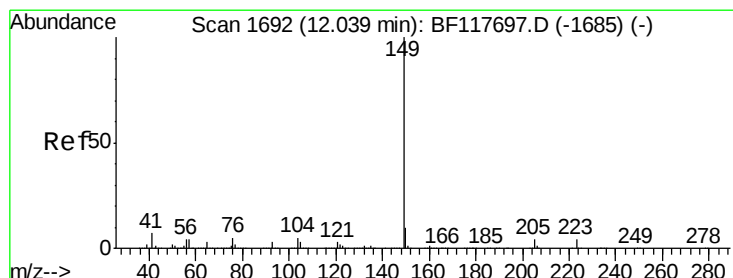
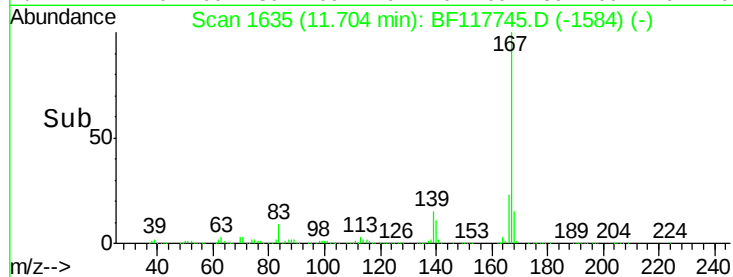
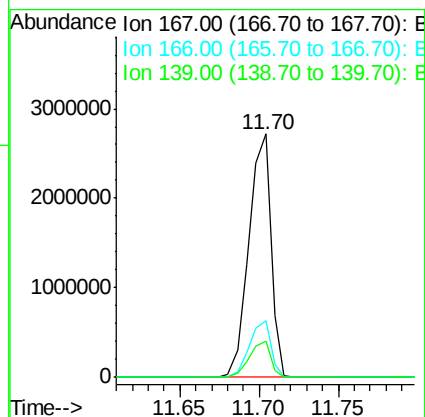
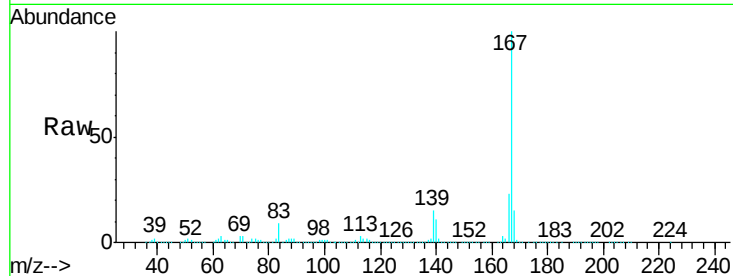




#73
 Carbazole
 Concen: 44.162 ng
 RT: 11.70 min Scan# 1635
 Delta R.T. -0.00 min
 Lab File: BF117745.D
 Acq: 8 Nov 2019 21:37

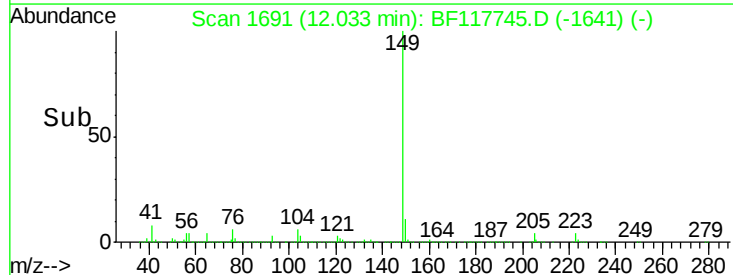
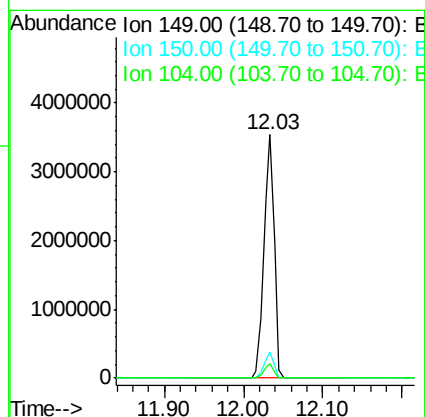
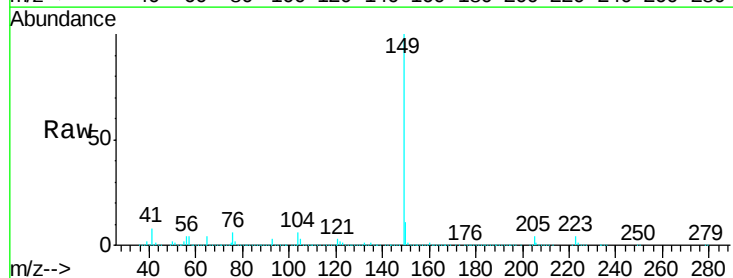
Instrument :
 BNA_F
 ClientSampleId :
 3-CMS

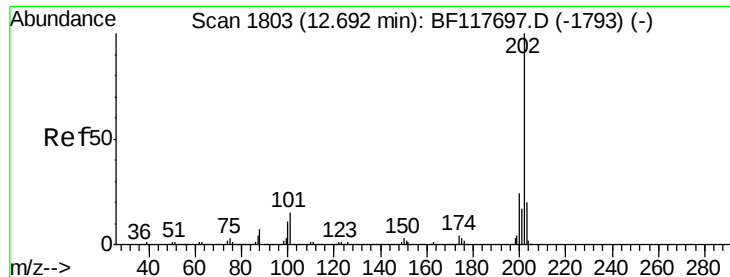
Tgt Ion:167 Resp: 2633053
 Ion Ratio Lower Upper
 167 100
 166 23.4 18.6 27.8
 139 14.8 11.9 17.9



#74
 Di-n-butylphthalate
 Concen: 44.619 ng
 RT: 12.03 min Scan# 1691
 Delta R.T. -0.01 min
 Lab File: BF117745.D
 Acq: 8 Nov 2019 21:37

Tgt Ion:149 Resp: 3234804
 Ion Ratio Lower Upper
 149 100
 150 10.8 8.3 12.5
 104 5.9 4.2 6.4





#75

Fluoranthene

Concen: 54.410 ng

RT: 12.69 min Scan# 1803

Delta R.T. -0.00 min

Lab File: BF117745.D

Acq: 8 Nov 2019 21:37

Instrument :

BNA_F

ClientSampleId :

3-CMS

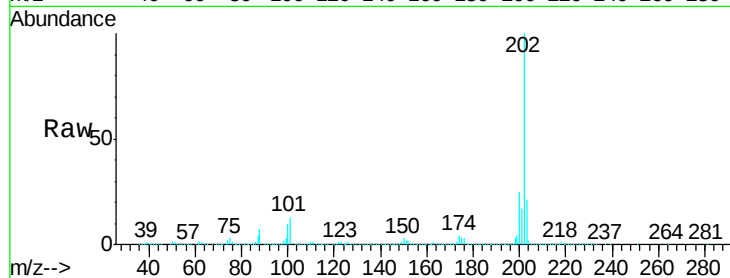
Tgt Ion:202 Resp: 3642136

Ion Ratio Lower Upper

202 100

101 13.3 0.0 34.5

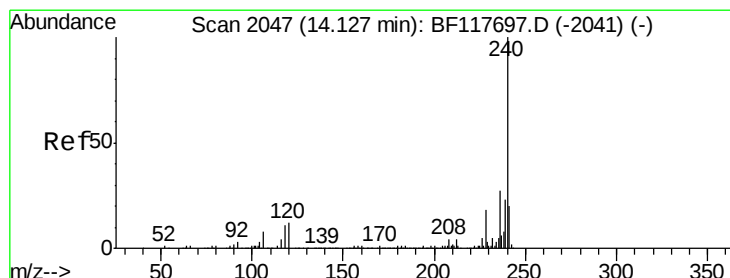
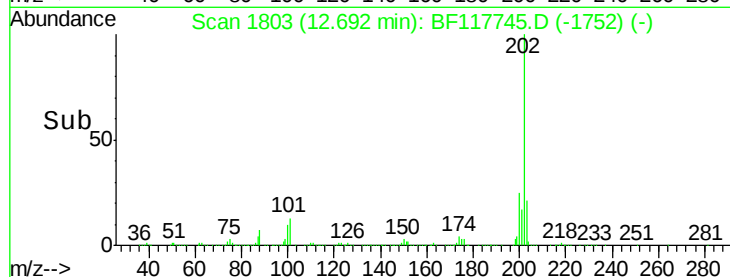
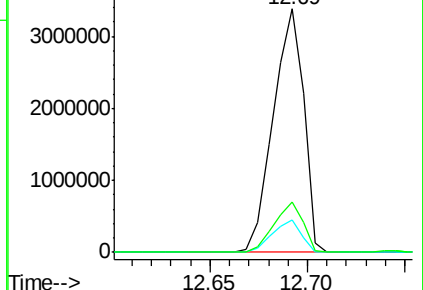
203 20.7 0.0 39.8



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: 14.12 min Scan# 2046

Delta R.T. -0.01 min

Lab File: BF117745.D

Acq: 8 Nov 2019 21:37

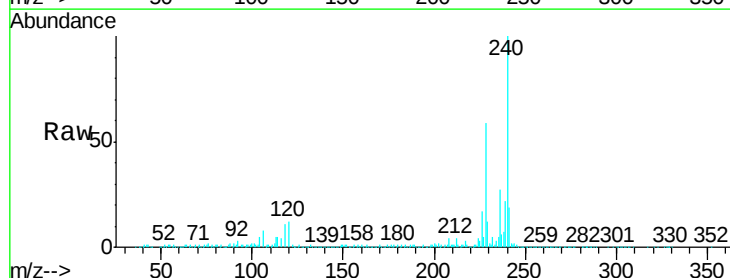
Tgt Ion:240 Resp: 709062

Ion Ratio Lower Upper

240 100

120 11.5 9.7 14.5

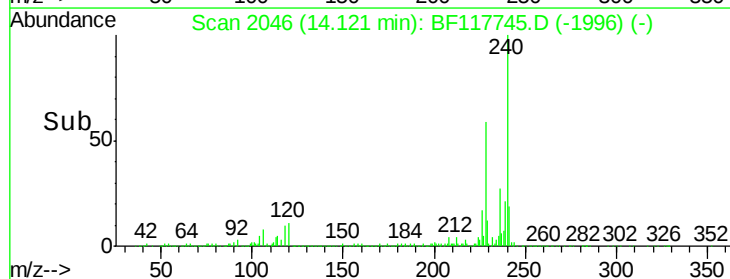
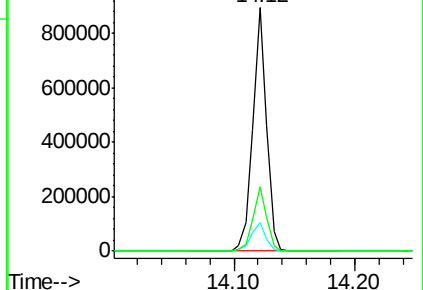
236 26.6 21.9 32.9

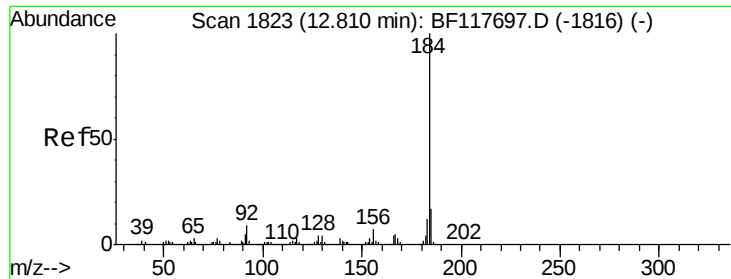


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 40.340 ng

RT: 12.80 min Scan# 1822

Delta R.T. -0.01 min

Lab File: BF117745.D

Acq: 8 Nov 2019 21:37

Instrument :

BNA_F

ClientSampleId :

3-CMS

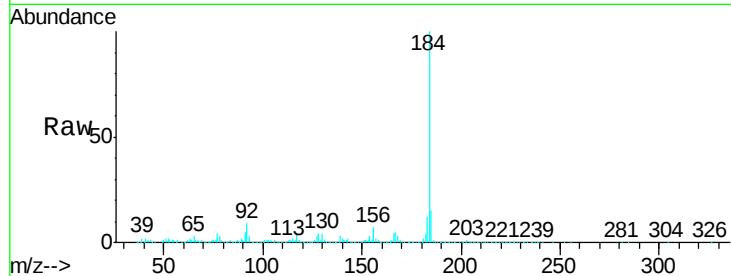
Tgt Ion:184 Resp: 994457

Ion Ratio Lower Upper

184 100

185 15.3 13.3 19.9

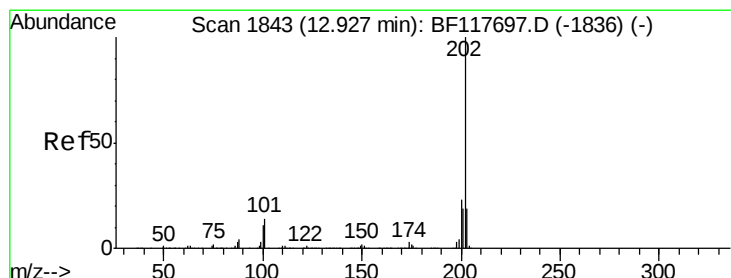
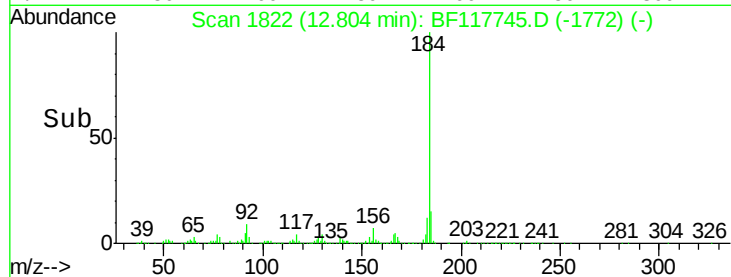
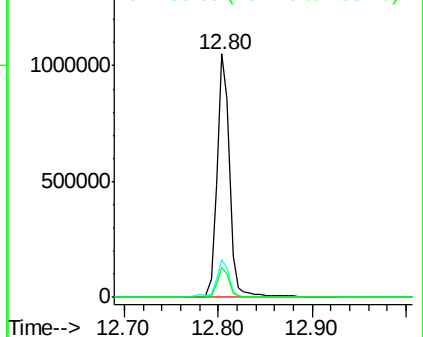
183 12.1 9.6 14.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 68.091 ng

RT: 12.92 min Scan# 1842

Delta R.T. -0.01 min

Lab File: BF117745.D

Acq: 8 Nov 2019 21:37

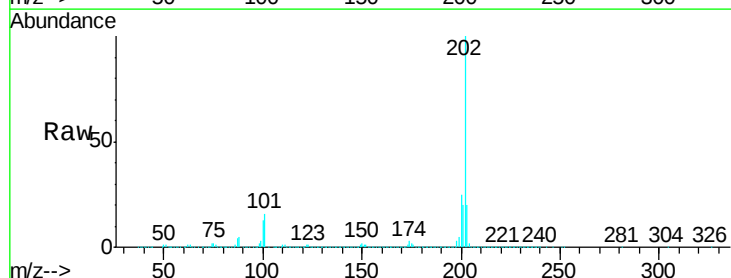
Tgt Ion:202 Resp: 3524429

Ion Ratio Lower Upper

202 100

200 24.6 18.8 28.2

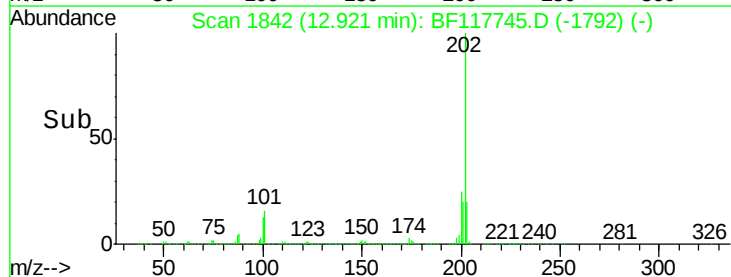
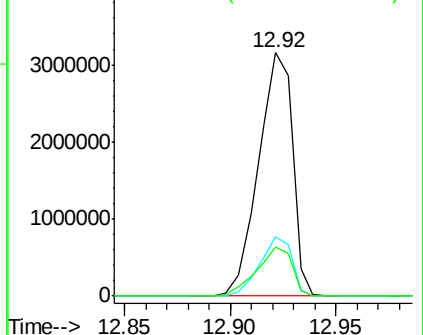
203 20.3 15.2 22.8

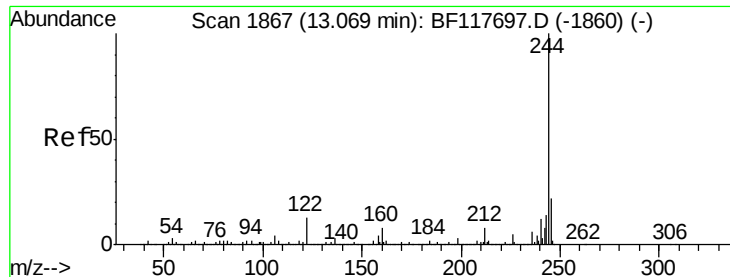


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 88.703 ng

RT: 13.06 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BF117745.D

Acq: 8 Nov 2019 21:37

Instrument :

BNA_F

ClientSampleId :

3-CMS

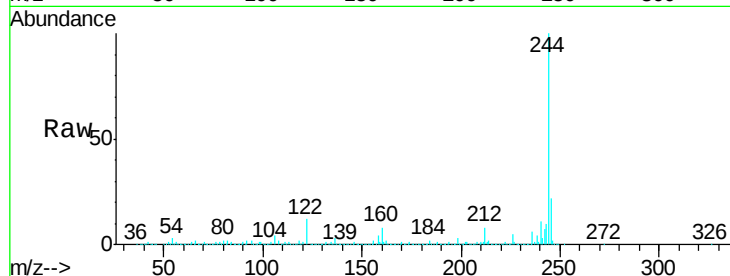
Tgt Ion:244 Resp: 3055283

Ion Ratio Lower Upper

244 100

212 8.0 6.4 9.6

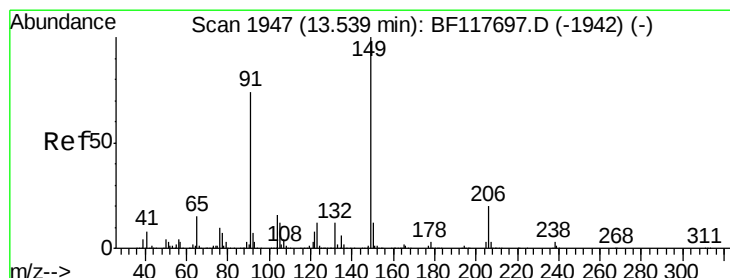
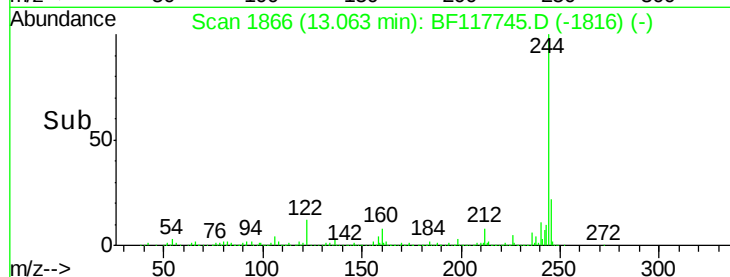
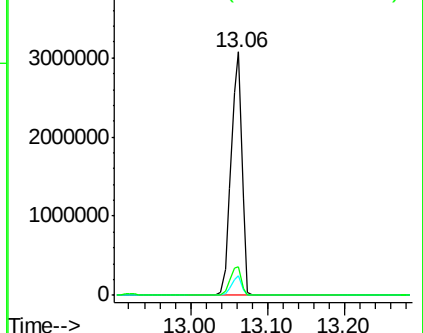
122 11.7 10.0 15.0



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: 54.182 ng

RT: 13.54 min Scan# 1947

Delta R.T. -0.00 min

Lab File: BF117745.D

Acq: 8 Nov 2019 21:37

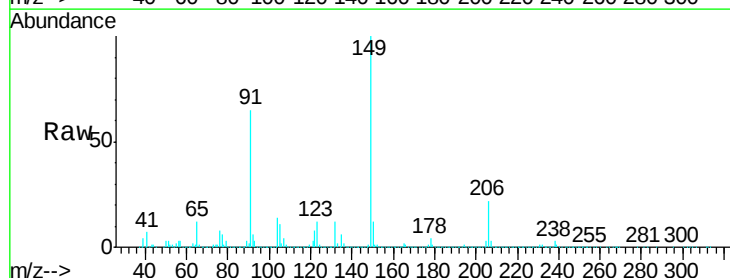
Tgt Ion:149 Resp: 1295395

Ion Ratio Lower Upper

149 100

91 64.9 59.1 88.7

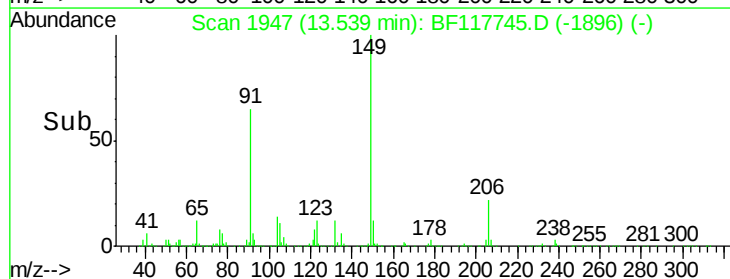
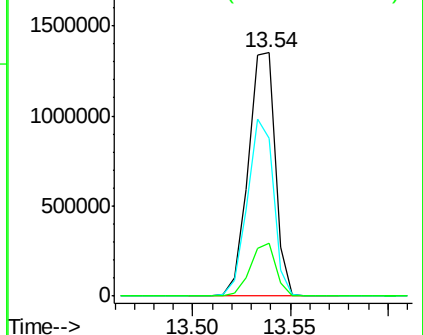
206 21.7 16.1 24.1

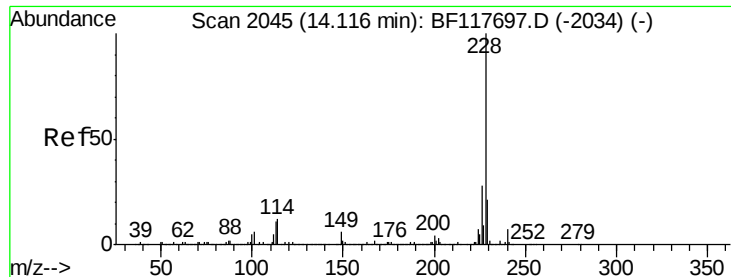


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 55.425 ng

RT: 14.11 min Scan# 2044

Delta R.T. -0.01 min

Lab File: BF117745.D

Acq: 8 Nov 2019 21:37

Instrument :

BNA_F

ClientSampleId :

3-CMS

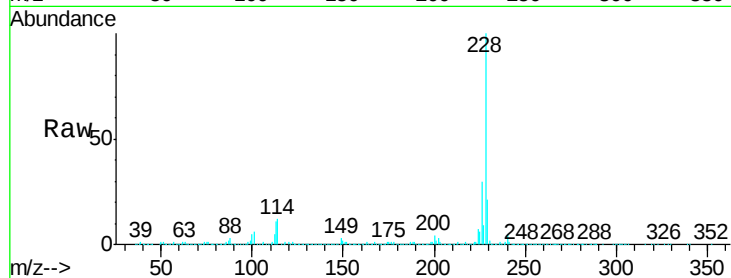
Tgt Ion:228 Resp: 2446262

Ion Ratio Lower Upper

228 100

226 29.7 22.8 34.2

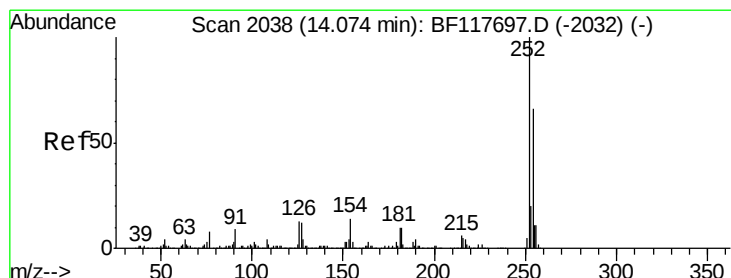
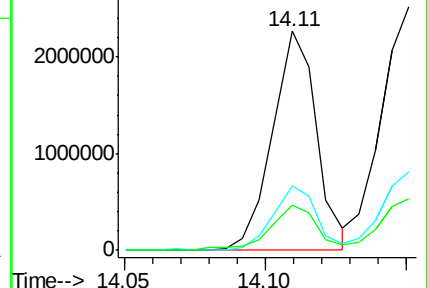
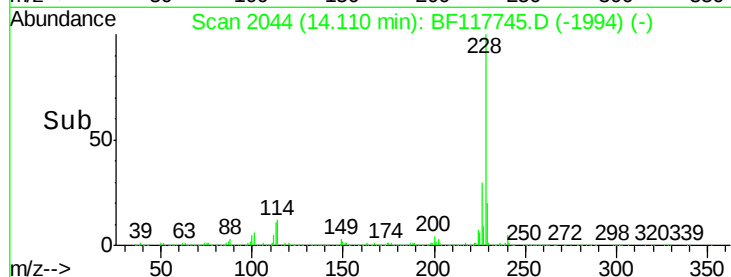
229 20.7 16.9 25.3



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: 39.247 ng

RT: 14.07 min Scan# 2037

Delta R.T. -0.01 min

Lab File: BF117745.D

Acq: 8 Nov 2019 21:37

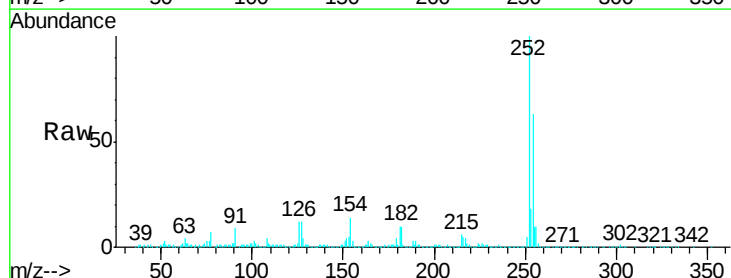
Tgt Ion:252 Resp: 646952

Ion Ratio Lower Upper

252 100

254 63.5 53.1 79.7

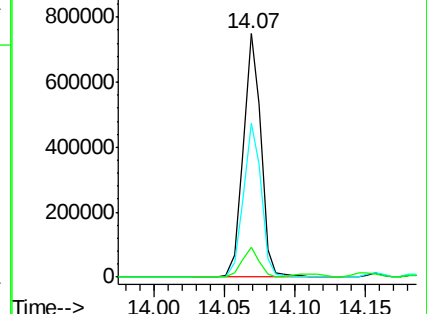
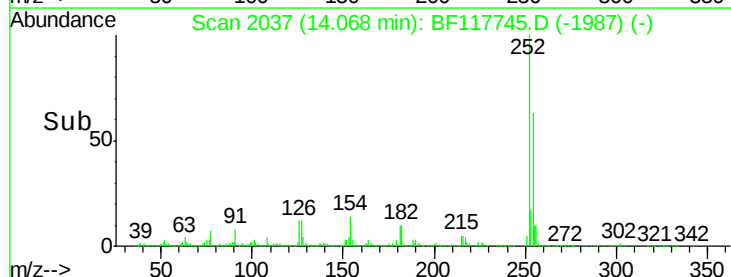
126 12.4 10.3 15.5

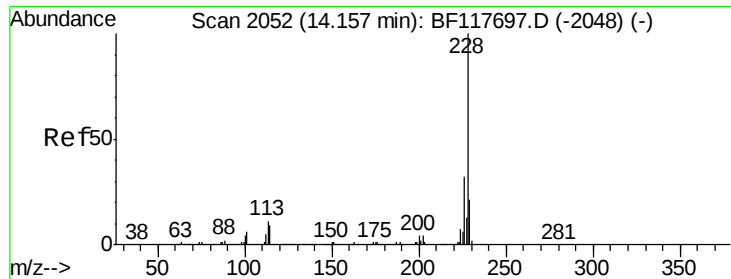


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 56.434 ng

RT: 14.15 min Scan# 2051

Delta R.T. -0.01 min

Lab File: BF117745.D

Acq: 8 Nov 2019 21:37

Instrument :

BNA_F

ClientSampleId :

3-CMS

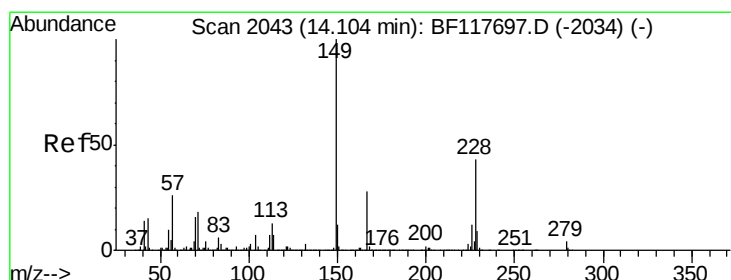
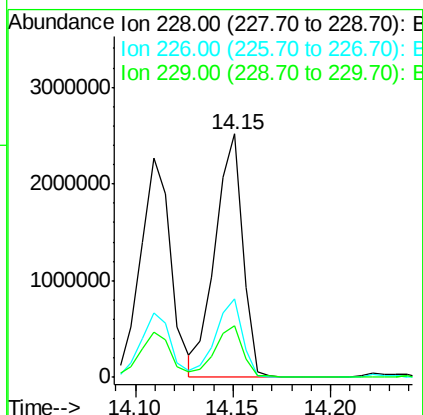
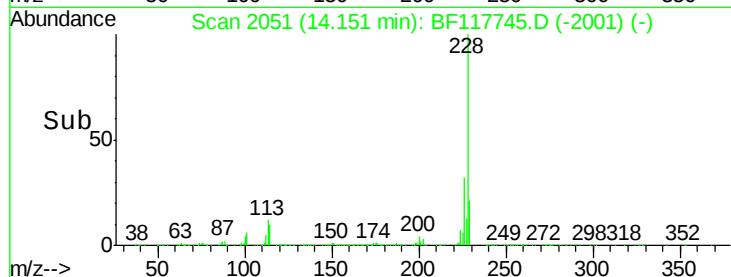
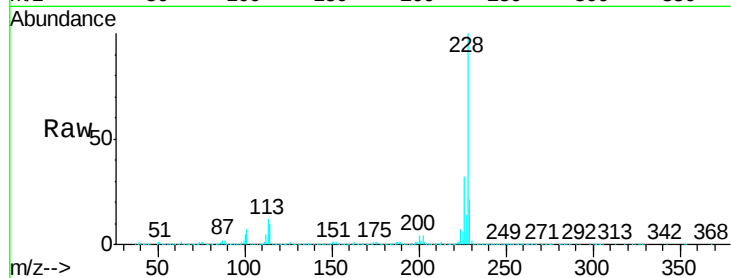
Tgt Ion:228 Resp: 2459781

Ion Ratio Lower Upper

228 100

226 32.2 25.4 38.2

229 21.2 16.6 24.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 57.204 ng

RT: 14.10 min Scan# 2042

Delta R.T. -0.01 min

Lab File: BF117745.D

Acq: 8 Nov 2019 21:37

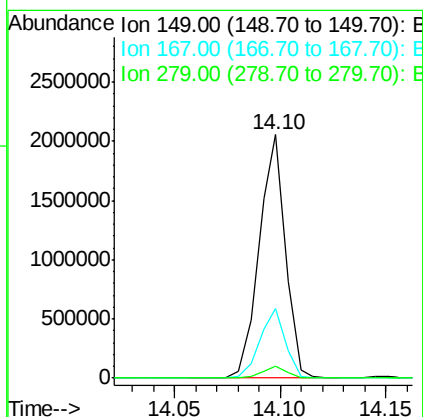
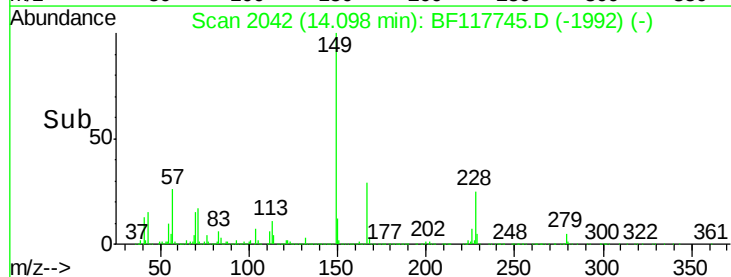
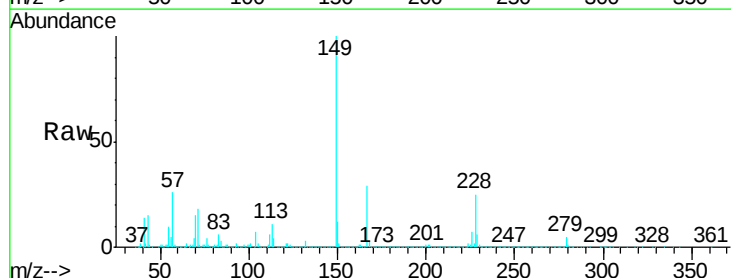
Tgt Ion:149 Resp: 1764200

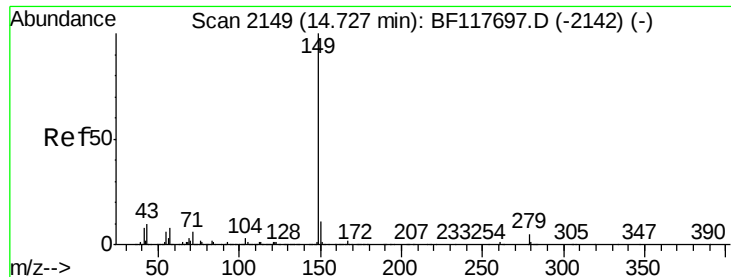
Ion Ratio Lower Upper

149 100

167 28.8 22.2 33.2

279 4.7 3.4 5.2

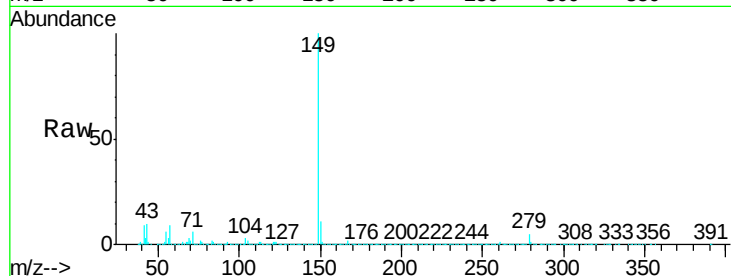




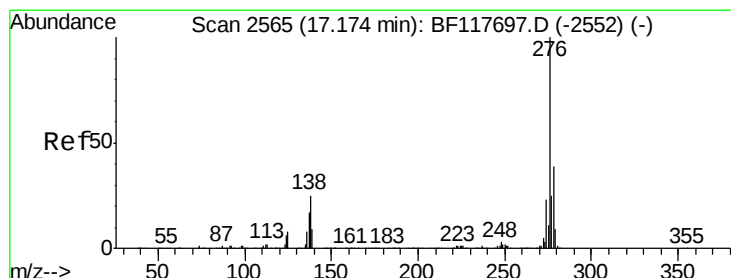
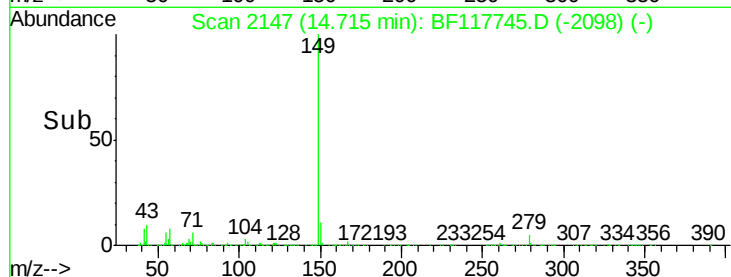
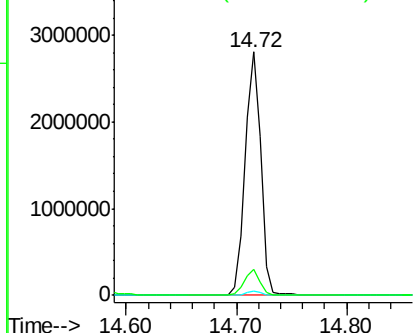
#85
Di-n-octyl phthalate
Concen: 57.284 ng
RT: 14.72 min Scan# 2147
Delta R.T. -0.01 min
Lab File: BF117745.D
Acq: 8 Nov 2019 21:37

Instrument :
BNA_F
ClientSampleId :
3-CMS

Tgt Ion:149 Resp: 2780041
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 9.8 8.4 12.6

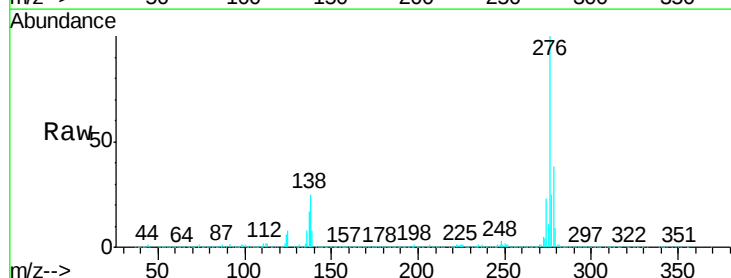


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

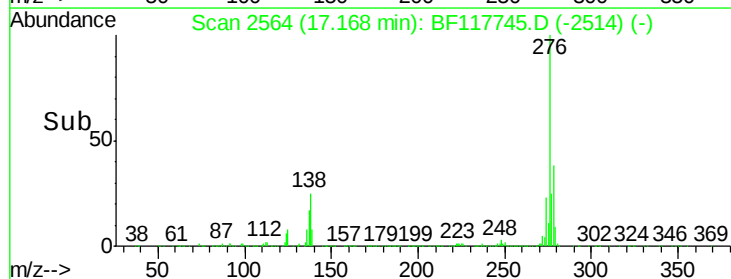
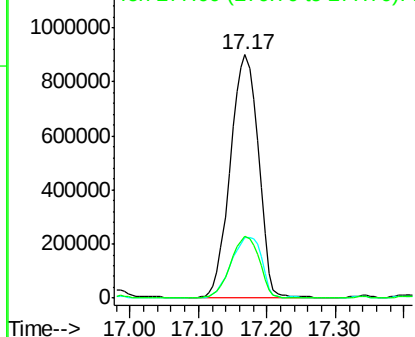


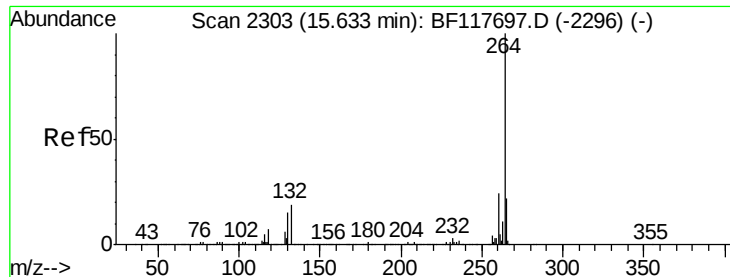
#86
Indeno(1,2,3-cd)pyrene
Concen: 63.222 ng
RT: 17.17 min Scan# 2564
Delta R.T. -0.01 min
Lab File: BF117745.D
Acq: 8 Nov 2019 21:37

Tgt Ion:276 Resp: 2564776
Ion Ratio Lower Upper
276 100
138 27.1 22.4 33.6
277 25.6 20.6 30.8



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



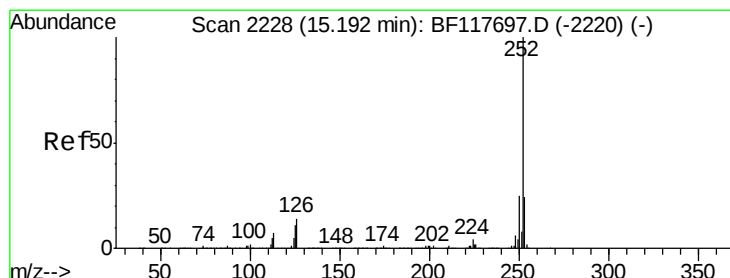
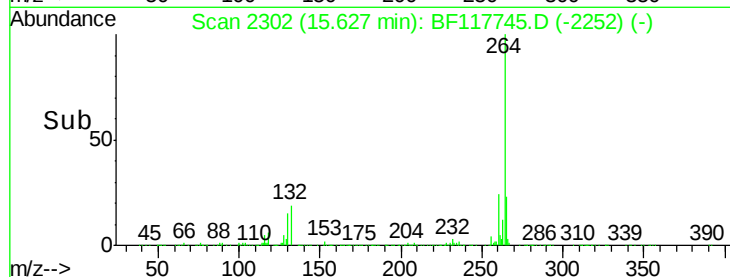
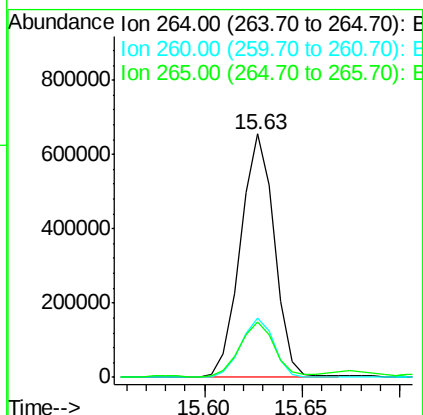
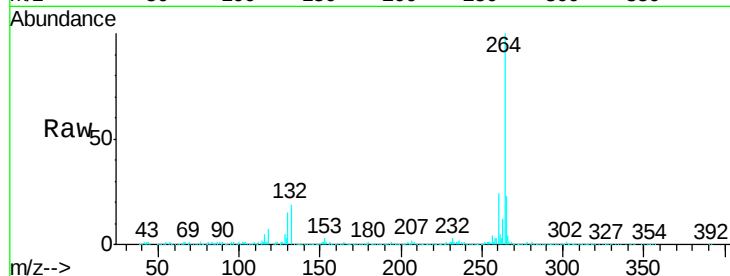


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.63 min Scan# 2302
Delta R.T. -0.01 min
Lab File: BF117745.D
Acq: 8 Nov 2019 21:37

Instrument :
BNA_F
ClientSampleId :
3-CMS

Tgt Ion: 264 Resp: 785924

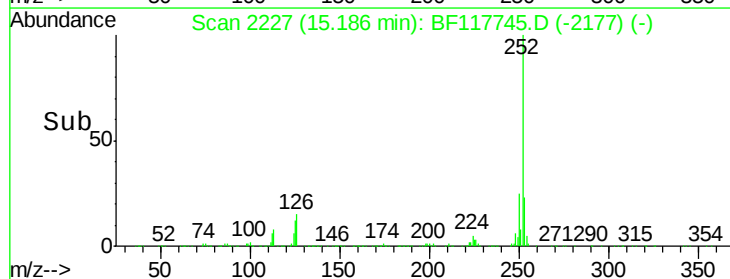
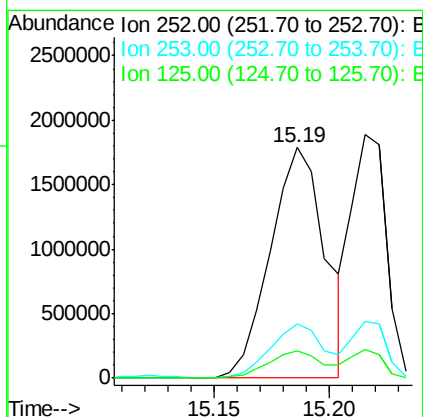
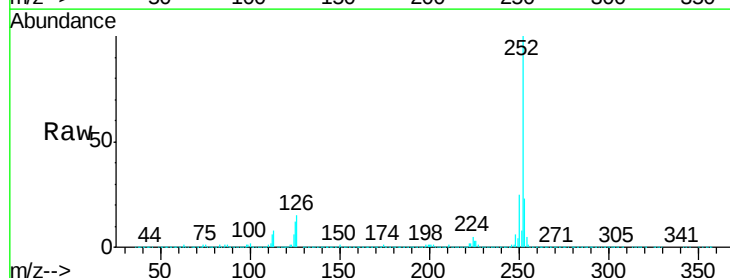
Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.8	28.2
265	22.9	17.7	26.5

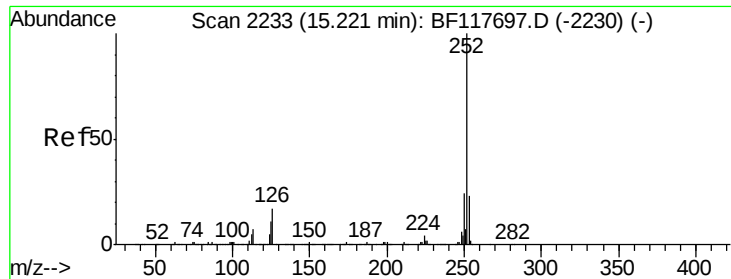


#88
Benzo(b)fluoranthene
Concen: 59.100 ng
RT: 15.19 min Scan# 2227
Delta R.T. -0.01 min
Lab File: BF117745.D
Acq: 8 Nov 2019 21:37

Tgt Ion: 252 Resp: 2925365

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.9	28.3
125	11.7	8.5	12.7

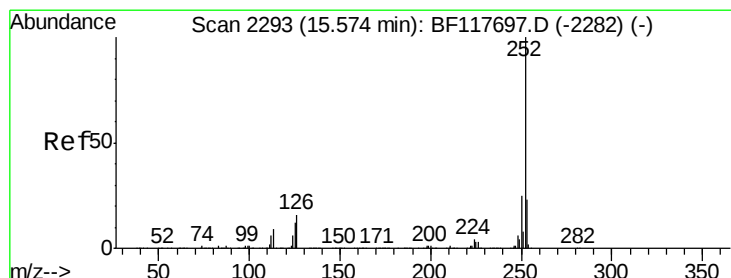
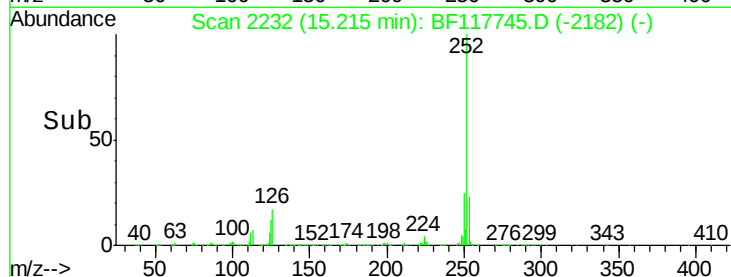
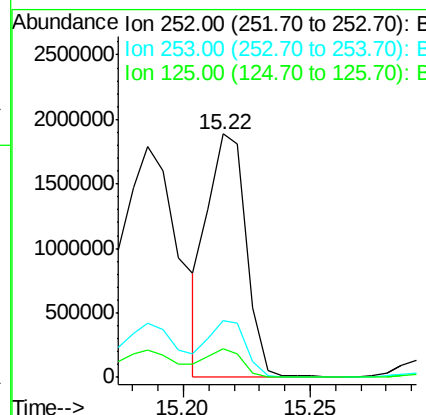
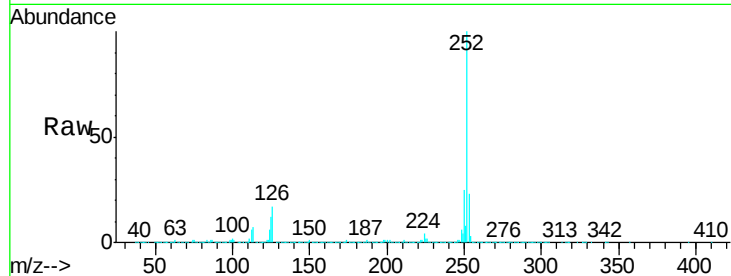




#89
Benzo(k)fluoranthene
Concen: 45.035 ng
RT: 15.22 min Scan# 2232
Delta R.T. -0.01 min
Lab File: BF117745.D
Acq: 8 Nov 2019 21:37

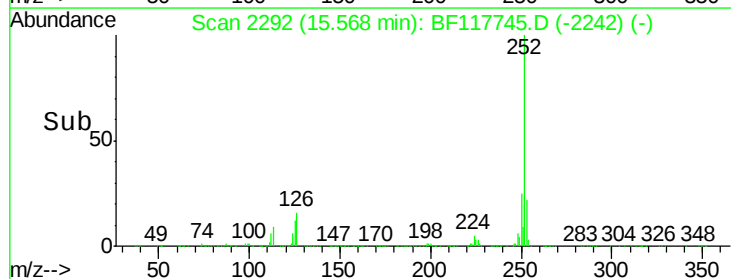
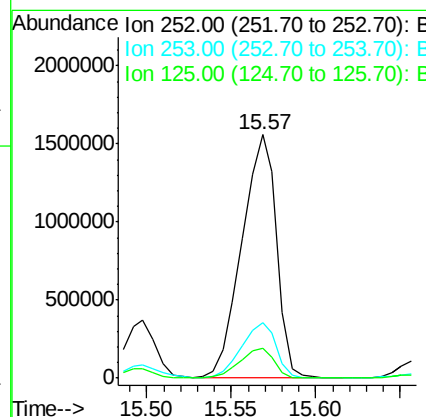
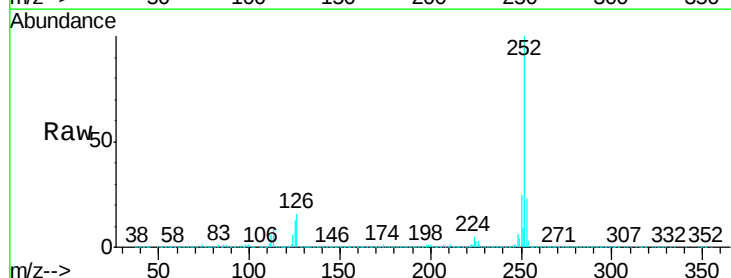
Instrument :
BNA_F
ClientSampleId :
3-CMS

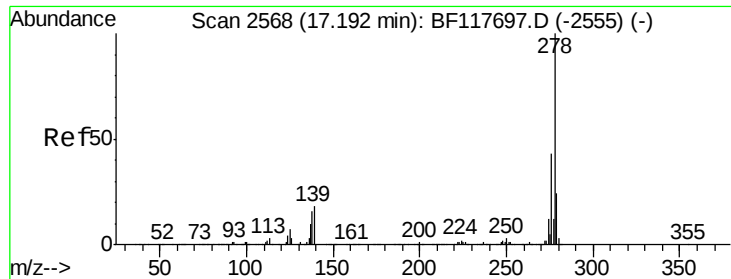
Tgt Ion:252 Resp: 1988205
Ion Ratio Lower Upper
252 100
253 23.5 17.9 26.9
125 11.8 9.1 13.7



#90
Benzo(a)pyrene
Concen: 51.659 ng
RT: 15.57 min Scan# 2292
Delta R.T. -0.01 min
Lab File: BF117745.D
Acq: 8 Nov 2019 21:37

Tgt Ion:252 Resp: 2216655
Ion Ratio Lower Upper
252 100
253 22.7 18.0 27.0
125 12.5 9.5 14.3





#91

Dibenzo(a,h)anthracene

Concen: 50.200 ng

RT: 17.19 min Scan# 2567

Delta R.T. -0.01 min

Lab File: BF117745.D

Acq: 8 Nov 2019 21:37

Instrument :

BNA_F

ClientSampleId :

3-CMS

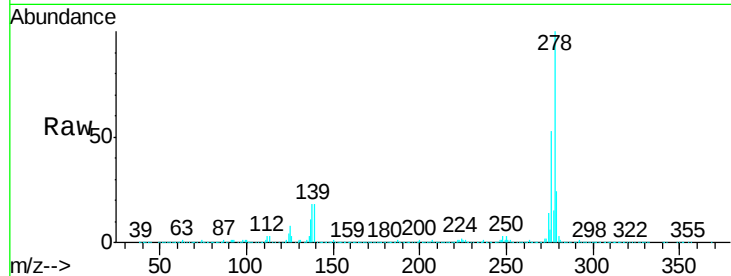
Tgt Ion:278 Resp: 1931874

Ion Ratio Lower Upper

278 100

139 18.0 14.3 21.5

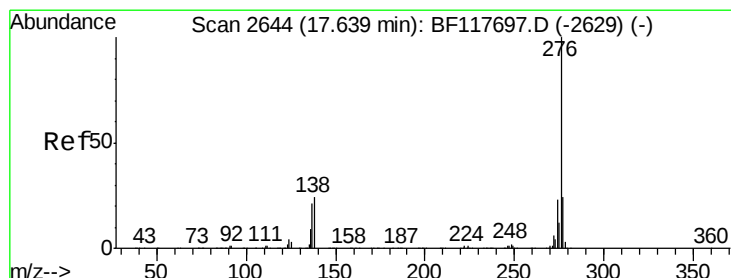
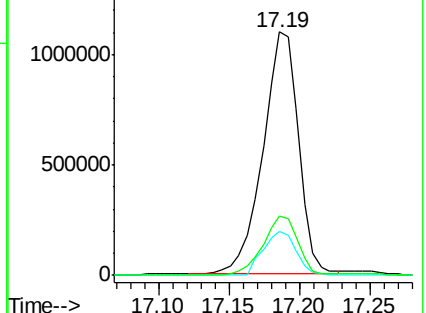
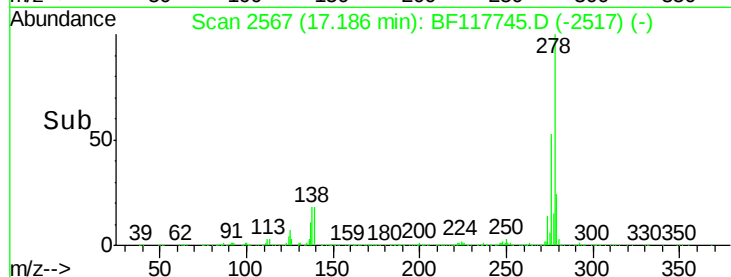
279 24.1 19.0 28.6



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: 57.092 ng

RT: 17.64 min Scan# 2644

Delta R.T. -0.00 min

Lab File: BF117745.D

Acq: 8 Nov 2019 21:37

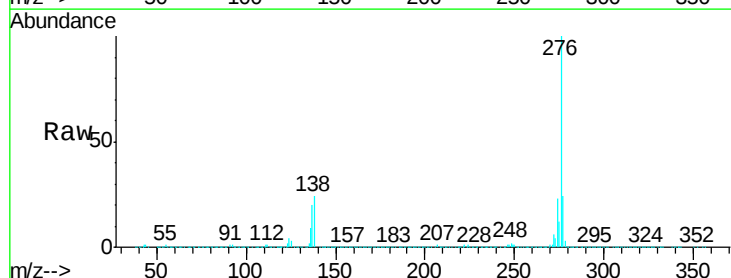
Tgt Ion:276 Resp: 2129288

Ion Ratio Lower Upper

276 100

277 24.2 19.4 29.0

138 23.7 19.2 28.8



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

