

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF110819\
 Data File : BF117746.D
 Acq On : 8 Nov 2019 22:04
 Operator : JU
 Sample : K5722-19MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 3-CMSD

Quant Time: Nov 09 01:26:42 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	348995	20.00	ng	-0.01
21) Naphthalene-d8	8.22	136	1388711	20.00	ng	-0.01
39) Acenaphthene-d10	9.98	164	750613	20.00	ng	0.00
64) Phenanthrene-d10	11.47	188	1388088	20.00	ng	0.00
76) Chrysene-d12	14.12	240	713659	20.00	ng	0.00
87) Perylene-d12	15.63	264	804391	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.55	112	2195373	113.87	ng	0.00
7) Phenol-d6	6.56	99	2874268	120.91	ng	0.00
23) Nitrobenzene-d5	7.49	82	1838269	78.15	ng	-0.01
42) 2,4,6-Tribromophenol	10.77	330	869087	118.36	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	3167327	83.25	ng	0.00
79) Terphenyl-d14	13.06	244	3114834	89.85	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.79	88	344207	35.831	ng	98
3) Pyridine	3.55	79	912139	34.519	ng	97
4) n-Nitrosodimethylamine	3.50	42	490409	42.115	ng	96
6) Aniline	6.59	93	1260204	37.772	ng	98
8) 2-Chlorophenol	6.72	128	992549	46.278	ng	97
9) Benzaldehyde	6.47	77	551433	33.338	ng	96
10) Phenol	6.57	94	1237670	48.316	ng	97
11) bis(2-Chloroethyl)ether	6.66	93	936930	44.294	ng	99
12) 1,3-Dichlorobenzene	6.87	146	1064515	42.818	ng	98
13) 1,4-Dichlorobenzene	6.95	146	1078830	43.349	ng	98
14) 1,2-Dichlorobenzene	7.10	146	1012330	44.178	ng	98
15) Benzyl Alcohol	7.07	79	904150	47.700	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.20	45	1403678	41.970	ng	99
17) 2-Methylphenol	7.17	107	869987	47.229	ng	99
18) Hexachloroethane	7.45	117	393549	42.781	ng	95
19) n-Nitroso-di-n-propylamine	7.35	70	681605	43.606	ng	99
20) 3+4-Methylphenols	7.33	107	1005779	45.854	ng	93
22) Acetophenone	7.34	105	1308512	41.227	ng	# 99
24) Nitrobenzene	7.52	77	1077209	43.856	ng	98
25) Isophorone	7.76	82	1976364	43.930	ng	100
26) 2-Nitrophenol	7.83	139	574104	50.347	ng	99
27) 2,4-Dimethylphenol	7.86	122	979577	50.947	ng	97
28) bis(2-Chloroethoxy)methane	7.96	93	1194720	41.370	ng	100
29) 2,4-Dichlorophenol	8.07	162	900162	45.442	ng	98
30) 1,2,4-Trichlorobenzene	8.16	180	962900	42.462	ng	99
31) Naphthalene	8.24	128	2830833	44.597	ng	100
32) Benzoic acid	7.99	122	741070	48.691	ng	99
33) 4-Chloroaniline	8.28	127	730120	24.754	ng	97
34) Hexachlorobutadiene	8.36	225	526432	40.538	ng	98
35) Caprolactam	8.66	113	201305	30.661	ng	92
36) 4-Chloro-3-methylphenol	8.76	107	939399	46.996	ng	99
37) 2-Methylnaphthalene	8.93	142	1981479	45.854	ng	99
38) 1-Methylnaphthalene	9.03	142	1877602	45.754	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.10	216	863893	42.069	ng	99

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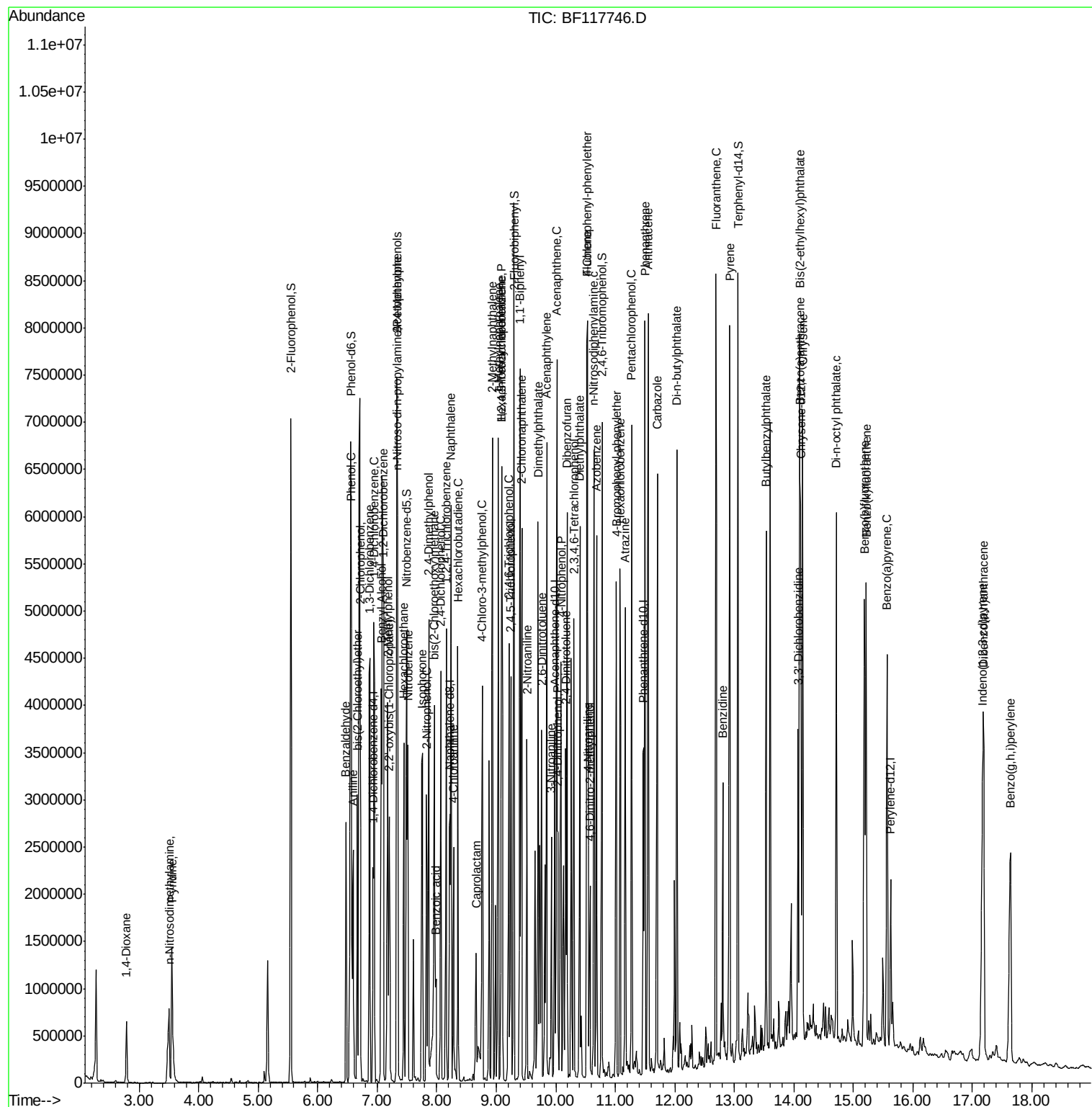
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.09	237	868154	78.366	ng	98
43) 2,4,6-Trichlorophenol	9.21	196	685178	45.813	ng	98
44) 2,4,5-Trichlorophenol	9.25	196	704052	46.443	ng	99
46) 1,1'-Biphenyl	9.40	154	2321152	44.154	ng	99
47) 2-Chloronaphthalene	9.43	162	1862173	42.685	ng	98
48) 2-Nitroaniline	9.52	65	606067	44.331	ng	98
49) Acenaphthylene	9.85	152	2973274	46.799	ng	99
50) Dimethylphthalate	9.70	163	2504536	49.356	ng	99
51) 2,6-Dinitrotoluene	9.76	165	533031	46.910	ng	90
52) Acenaphthene	10.02	154	1885098	45.982	ng	99
53) 3-Nitroaniline	9.93	138	392183	28.609	ng	96
54) 2,4-Dinitrophenol	10.03	184	324817	83.383	ng	# 81
55) Dibenzofuran	10.19	168	2582602	45.020	ng	97
56) 4-Nitrophenol	10.09	139	921170	89.351	ng	98
57) 2,4-Dinitrotoluene	10.17	165	705897	48.428	ng	99
58) Fluorene	10.53	166	1891804	44.745	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.30	232	581802	46.168	ng	100
60) Diethylphthalate	10.40	149	2195346	43.991	ng	99
61) 4-Chlorophenyl-phenylether	10.52	204	969800	44.064	ng	98
62) 4-Nitroaniline	10.55	138	532081	39.435	ng	99
63) Azobenzene	10.69	77	2071709	43.831	ng	95
65) 4,6-Dinitro-2-methylphenol	10.57	198	254152	45.853	ng	92
66) n-Nitrosodiphenylamine	10.64	169	1800332	43.913	ng	99
67) 4-Bromophenyl-phenylether	11.02	248	654661	43.185	ng	95
68) Hexachlorobenzene	11.08	284	736560	42.059	ng	97
69) Atrazine	11.17	200	645769	47.800	ng	99
70) Pentachlorophenol	11.27	266	785777	80.265	ng	97
71) Phenanthrene	11.50	178	3132491	47.081	ng	99
72) Anthracene	11.55	178	3025450	45.706	ng	98
73) Carbazole	11.70	167	2653007	43.843	ng	99
74) Di-n-butylphthalate	12.03	149	3285911	44.658	ng	99
75) Fluoranthene	12.69	202	3639769	53.576	ng	99
77) Benzidine	12.80	184	1123019	45.262	ng	97
78) Pyrene	12.92	202	3539690	67.945	ng	98
80) Butylbenzylphthalate	13.53	149	1320902	54.893	ng	98
81) Benzo(a)anthracene	14.11	228	2459656	55.370	ng	99
82) 3,3'-Dichlorobenzidine	14.07	252	670019	40.385	ng	99
83) Chrysene	14.15	228	2464923	56.188	ng	100
84) Bis(2-ethylhexyl)phthalate	14.10	149	1789931	57.665	ng	100
85) Di-n-octyl phthalate	14.72	149	2787233	57.062	ng	99
86) Indeno(1,2,3-cd)pyrene	17.17	276	2547623	62.394	ng	99
88) Benzo(b)fluoranthene	15.19	252	3031155	59.831	ng	99
89) Benzo(k)fluoranthene	15.22	252	1953554	43.235	ng	98
90) Benzo(a)pyrene	15.57	252	2230855	50.797	ng	99
91) Dibenzo(a,h)anthracene	17.19	278	1909745	48.485	ng	98
92) Benzo(g,h,i)perylene	17.64	276	2104657	55.136	ng	99

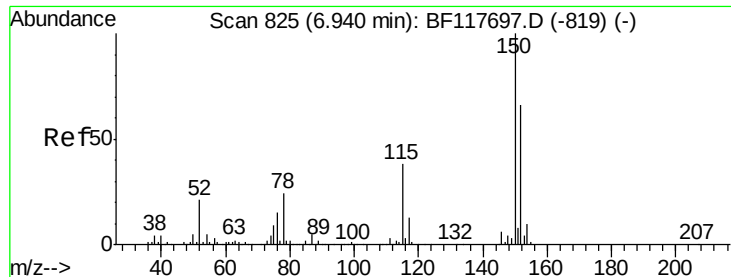
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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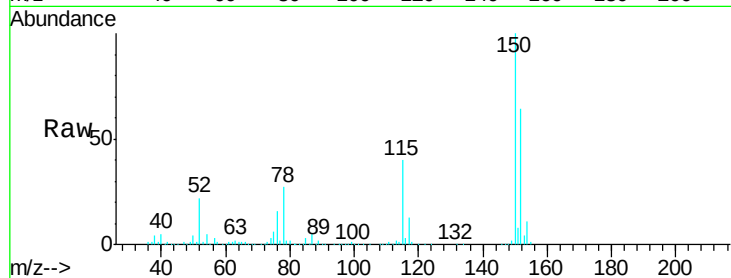


#1

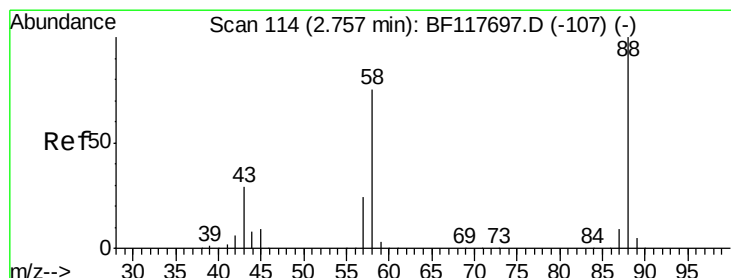
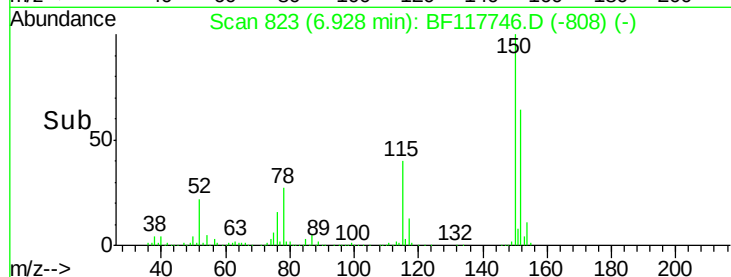
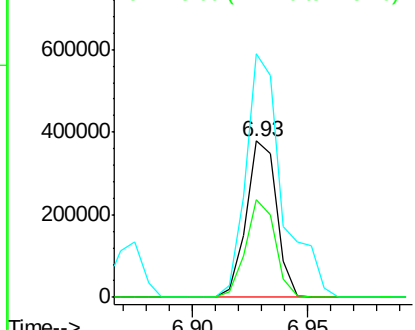
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 823
Delta R.T. -0.01 min
Lab File: BF117746.D
Acq: 8 Nov 2019 22:04

Instrument :
BNA_F
ClientSampleId :
3-CMSD

Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.1	121.4	182.2
115	62.9	46.7	70.1



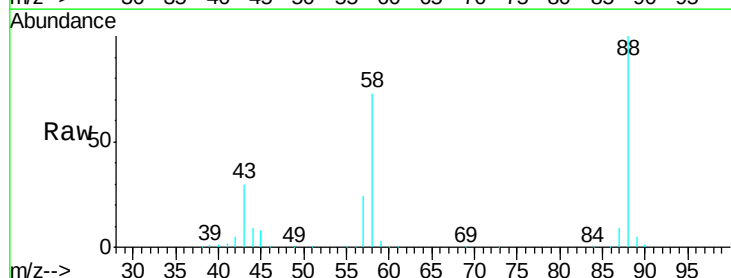
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



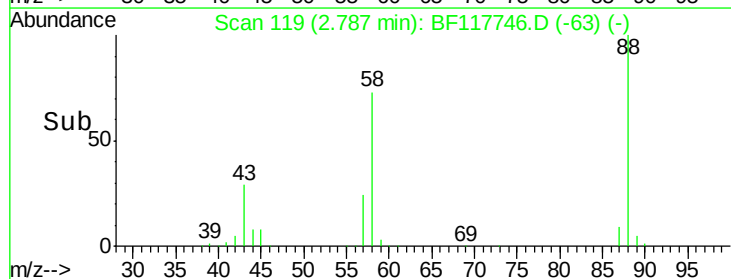
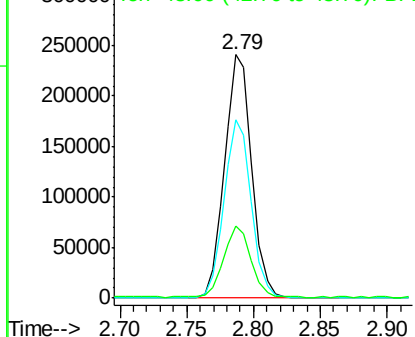
#2

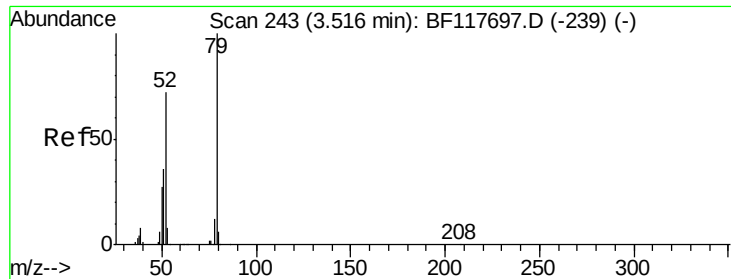
1,4-Dioxane
Concen: 35.831 ng
RT: 2.79 min Scan# 119
Delta R.T. 0.03 min
Lab File: BF117746.D
Acq: 8 Nov 2019 22:04

Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.1	60.1	90.1
43	29.1	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: 34.519 ng

RT: 3.55 min Scan# 249

Delta R.T. 0.04 min

Lab File: BF117746.D

Acq: 8 Nov 2019 22:04

Instrument :

BNA_F

ClientSampleId :

3-CMSD

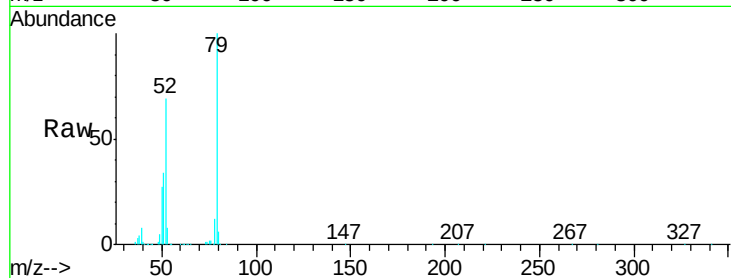
Tgt Ion: 79 Resp: 912139

Ion Ratio Lower Upper

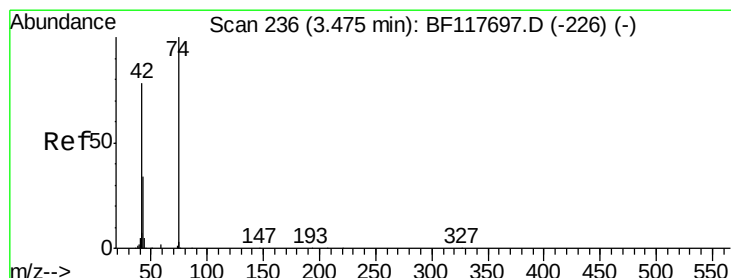
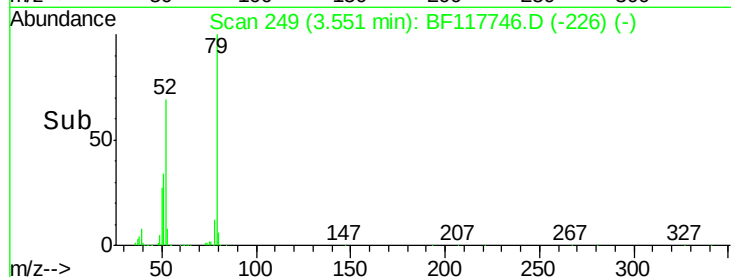
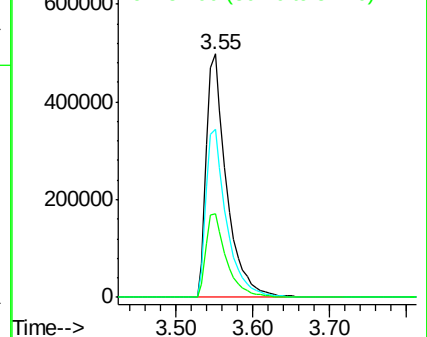
79 100

52 68.9 57.2 85.8

51 34.1 28.6 42.8



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 42.115 ng

RT: 3.50 min Scan# 241

Delta R.T. 0.03 min

Lab File: BF117746.D

Acq: 8 Nov 2019 22:04

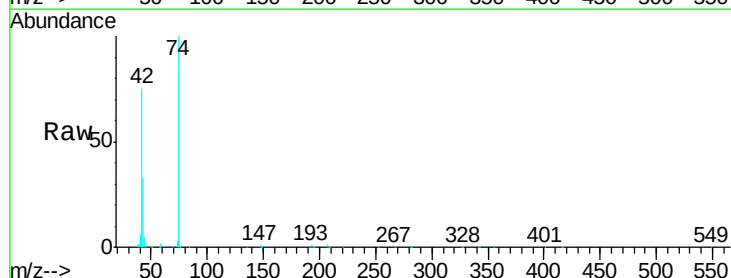
Tgt Ion: 42 Resp: 490409

Ion Ratio Lower Upper

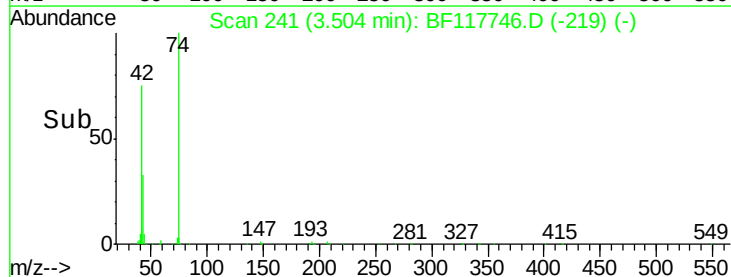
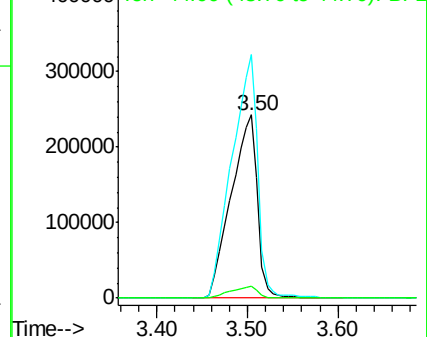
42 100

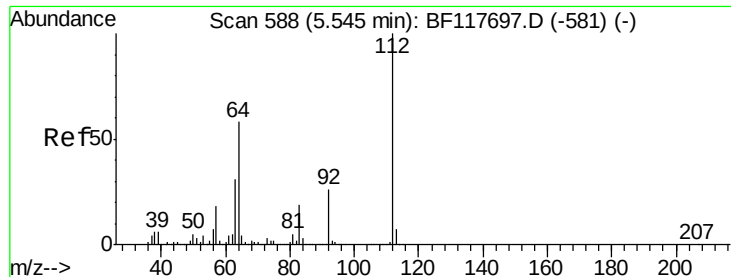
74 133.1 103.1 154.7

44 6.7 5.0 7.6



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 113.869 ng

RT: 5.55 min Scan# 589

Delta R.T. 0.01 min

Lab File: BF117746.D

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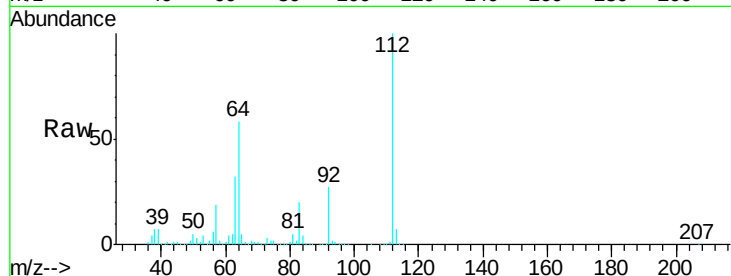
Tgt Ion:112 Resp: 2195373

Ion Ratio Lower Upper

112 100

64 57.8 46.4 69.6

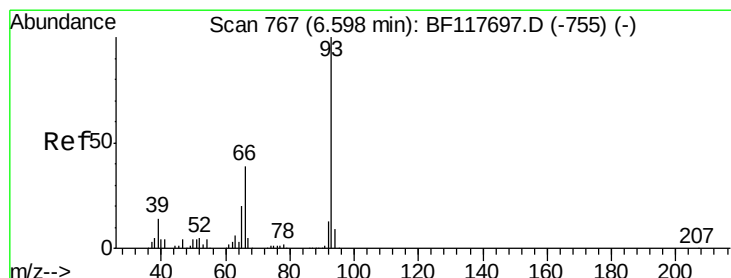
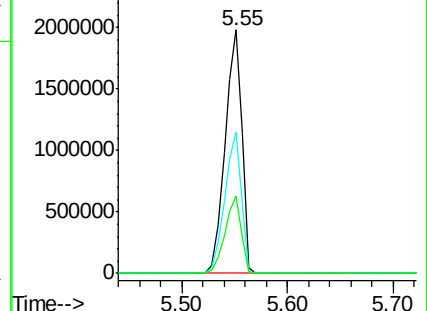
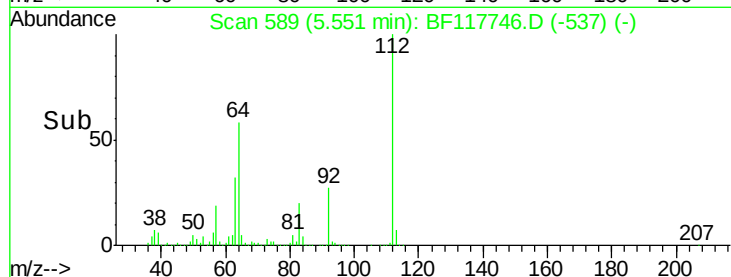
63 31.8 24.6 37.0



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 37.772 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF117746.D

Acq: 8 Nov 2019 22:04

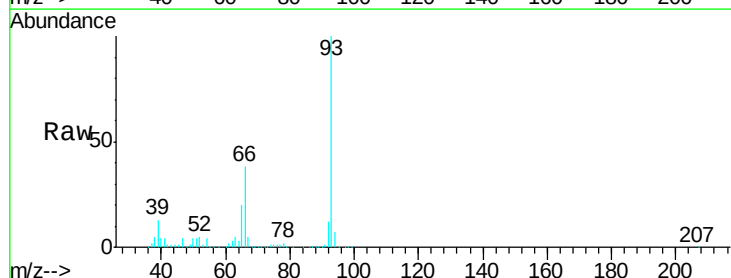
Tgt Ion: 93 Resp: 1260204

Ion Ratio Lower Upper

93 100

66 38.3 31.7 47.5

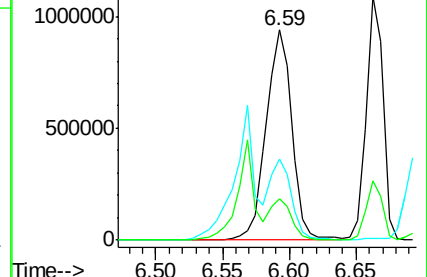
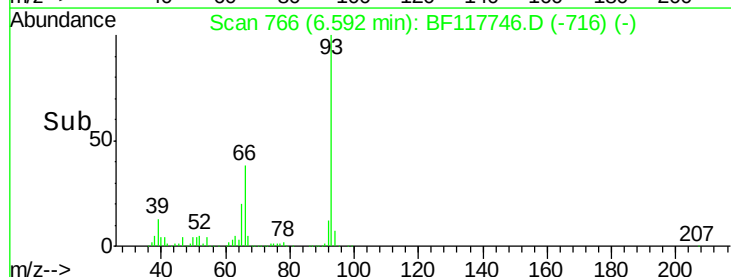
65 19.6 15.8 23.8

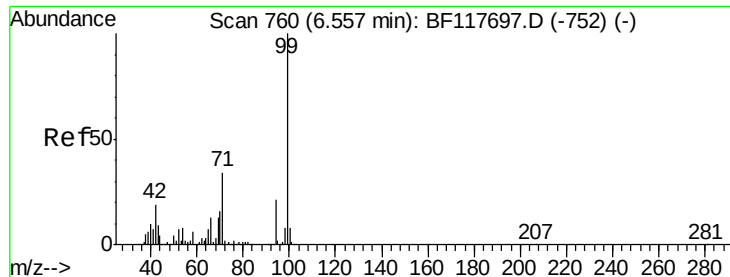


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 120.907 ng

RT: 6.56 min Scan# 760

Delta R.T. -0.00 min

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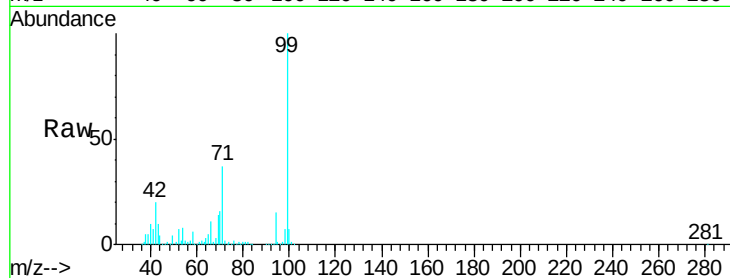
Tgt Ion: 99 Resp: 2874268

Ion Ratio Lower Upper

99 100

42 20.4 15.3 22.9

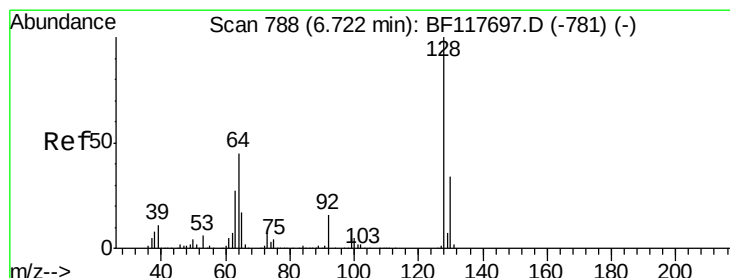
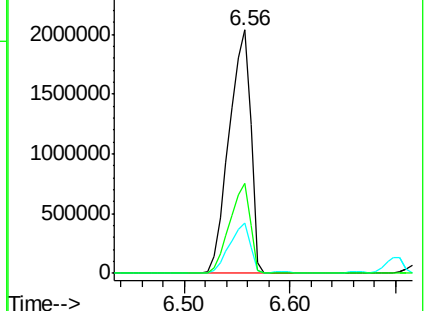
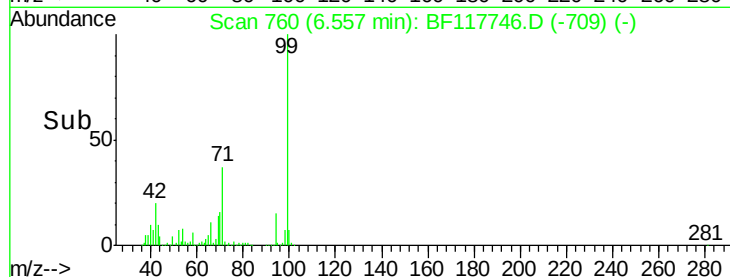
71 37.0 26.8 40.2



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: 46.278 ng

RT: 6.72 min Scan# 787

Delta R.T. -0.01 min

Lab File: BF117746.D

Acq: 8 Nov 2019 22:04

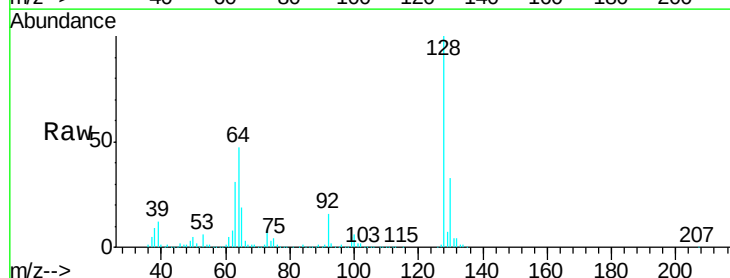
Tgt Ion: 128 Resp: 992549

Ion Ratio Lower Upper

128 100

130 32.6 13.6 53.6

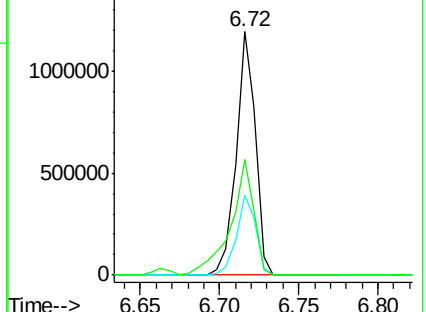
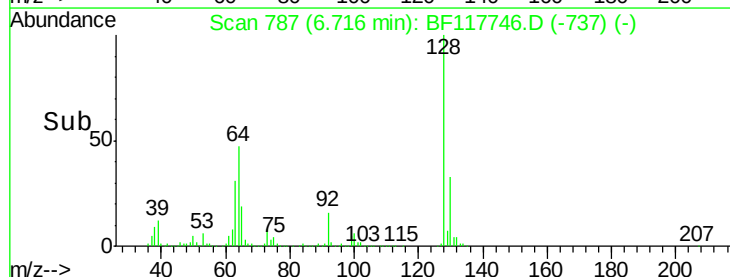
64 47.4 25.2 65.2

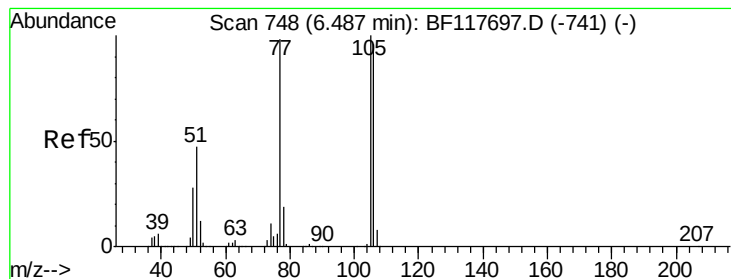


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 33.338 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

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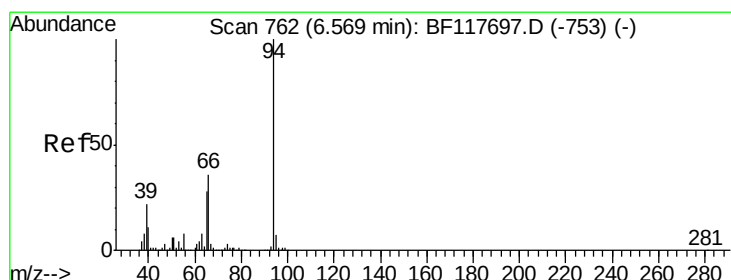
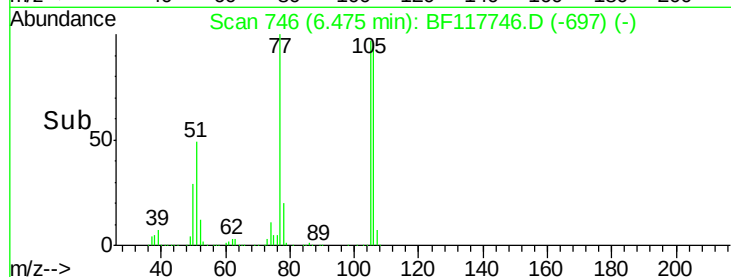
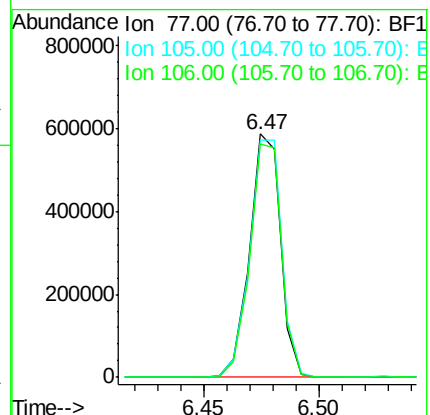
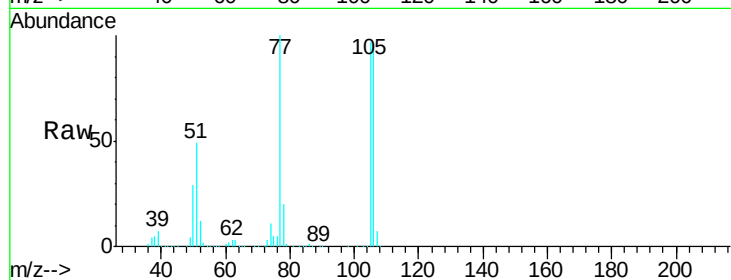
Tgt Ion: 77 Resp: 551433

Ion Ratio Lower Upper

77 100

105 97.4 82.3 122.3

106 95.9 78.0 118.0



#10

Phenol

Concen: 48.316 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.00 min

Lab File: BF117746.D

Acq: 8 Nov 2019 22:04

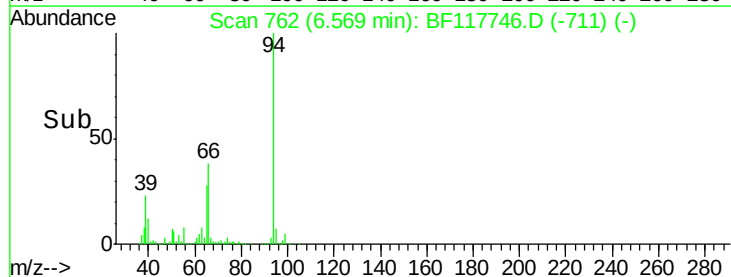
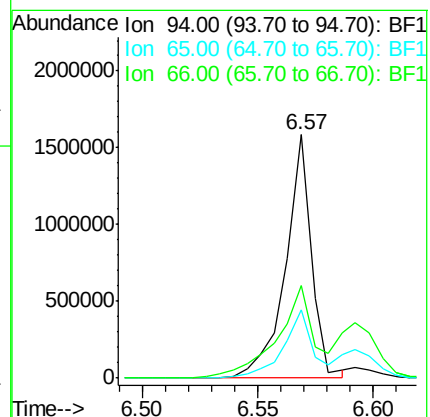
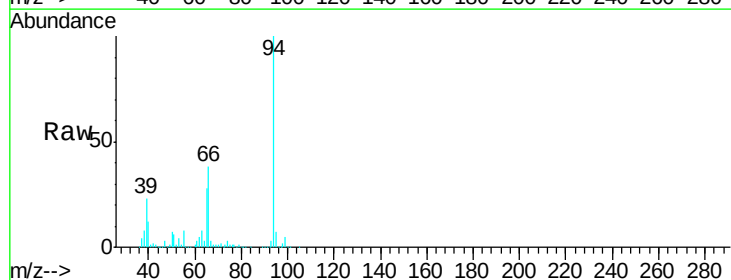
Tgt Ion: 94 Resp: 1237670

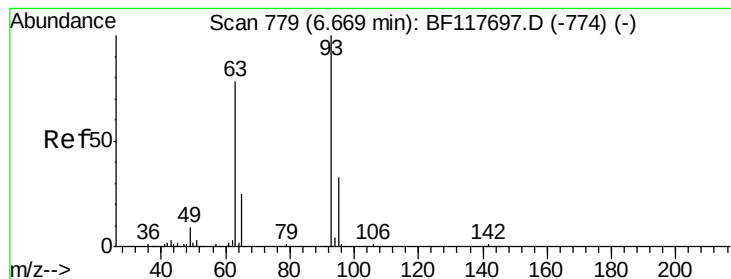
Ion Ratio Lower Upper

94 100

65 28.3 7.6 47.6

66 38.2 16.1 56.1

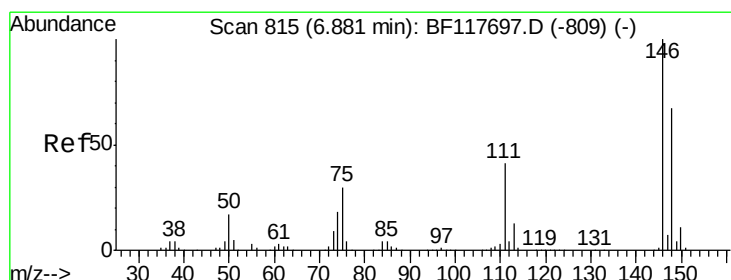
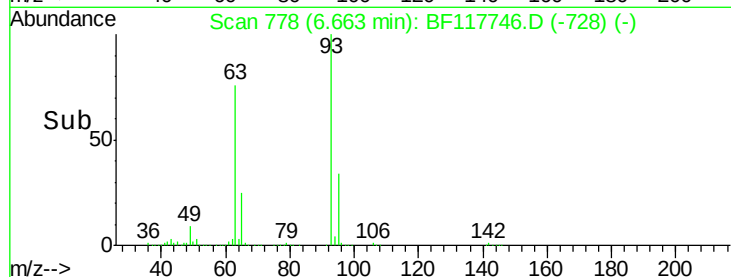
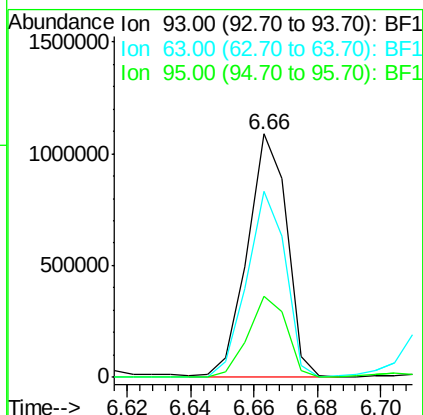
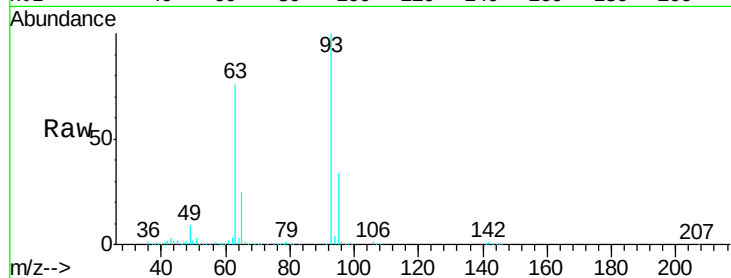




#11
 bis(2-Chloroethyl)ether
 Concen: 44.294 ng
 RT: 6.66 min Scan# 778
 Delta R.T. -0.01 min
 Lab File: BF117746.D
 Acq: 8 Nov 2019 22:04

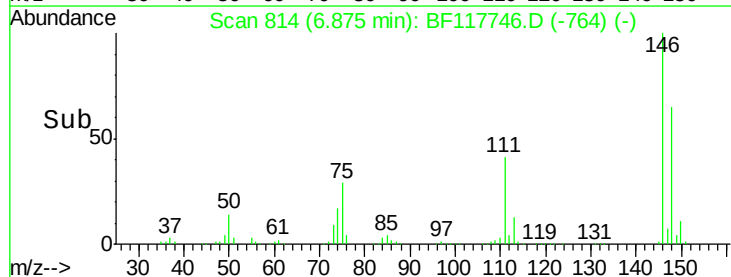
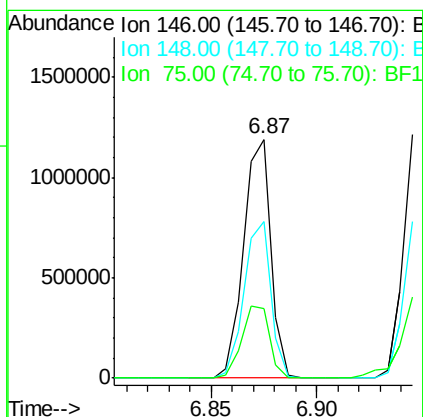
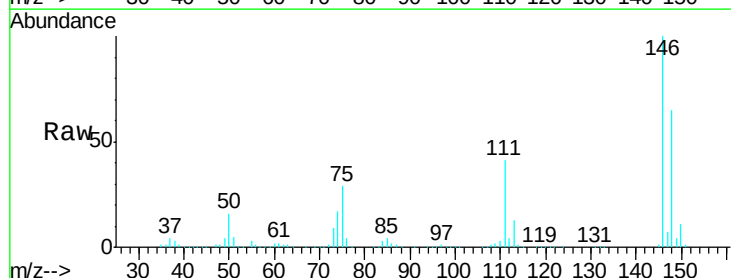
Instrument :
 BNA_F
 ClientSampleId :
 3-CMSD

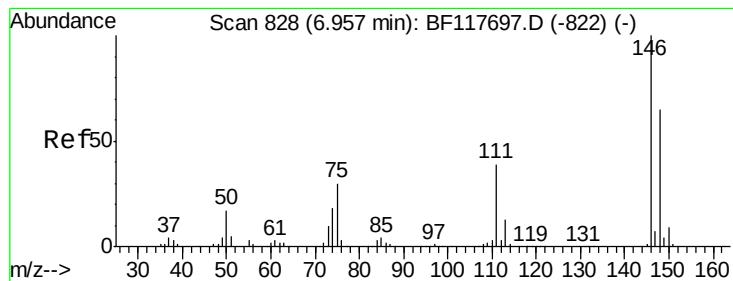
Tgt Ion: 93 Resp: 936930
 Ion Ratio Lower Upper
 93 100
 63 76.3 57.6 97.6
 95 33.5 12.7 52.7



#12
 1,3-Dichlorobenzene
 Concen: 42.818 ng
 RT: 6.87 min Scan# 814
 Delta R.T. -0.01 min
 Lab File: BF117746.D
 Acq: 8 Nov 2019 22:04

Tgt Ion: 146 Resp: 1064515
 Ion Ratio Lower Upper
 146 100
 148 65.4 53.4 80.2
 75 29.0 24.0 36.0





#13

1,4-Dichlorobenzene

Concen: 43.349 ng

RT: 6.95 min Scan# 826

Delta R.T. -0.01 min

Lab File: BF117746.D

Acq: 8 Nov 2019 22:04

Instrument :

BNA_F

ClientSampleId :

3-CMSD

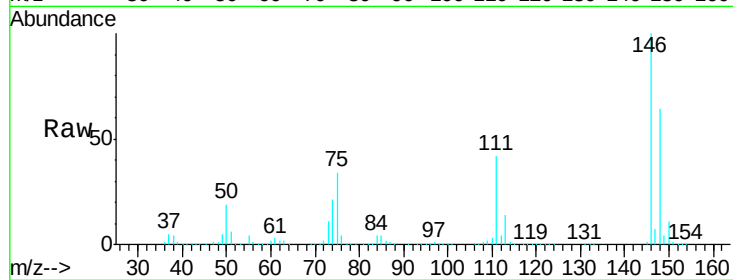
Tgt Ion:146 Resp: 1078830

Ion Ratio Lower Upper

146 100

148 64.4 51.9 77.9

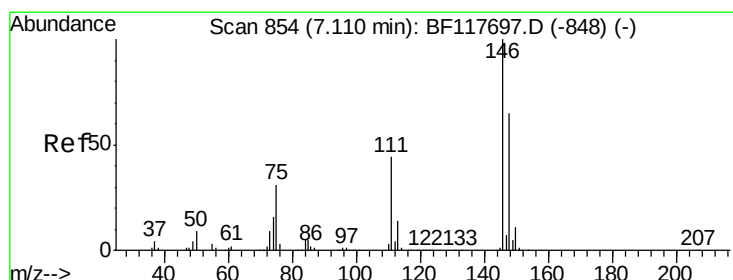
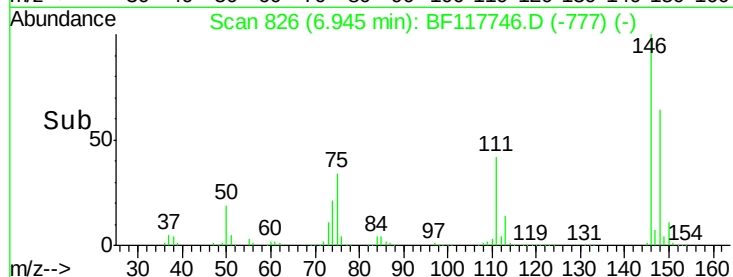
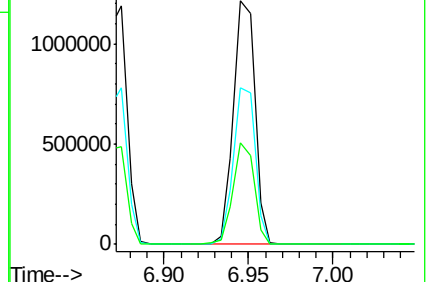
111 41.7 31.6 47.4



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: 44.178 ng

RT: 7.10 min Scan# 853

Delta R.T. -0.01 min

Lab File: BF117746.D

Acq: 8 Nov 2019 22:04

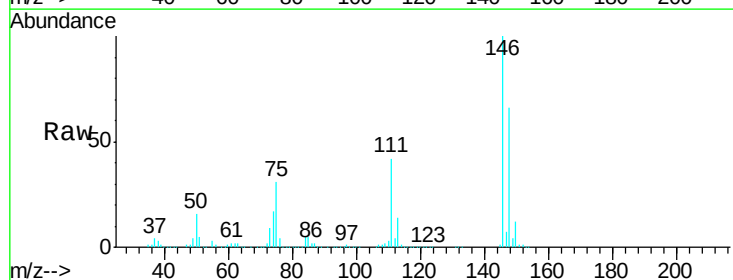
Tgt Ion:146 Resp: 1012330

Ion Ratio Lower Upper

146 100

148 65.8 52.1 78.1

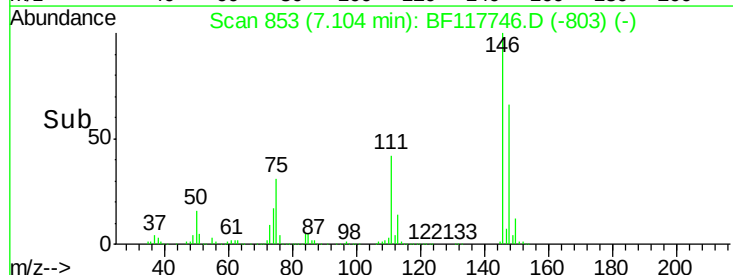
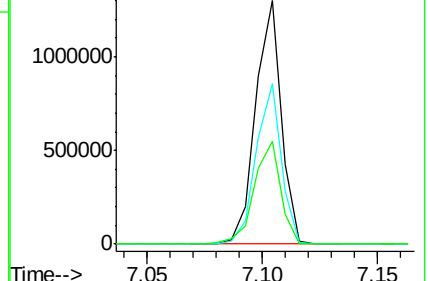
111 42.0 35.1 52.7

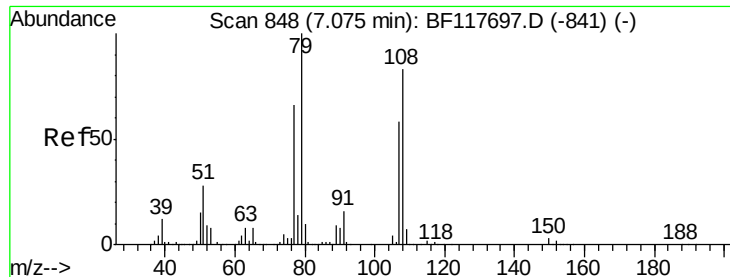


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 47.700 ng

RT: 7.07 min Scan# 847

Delta R.T. -0.01 min

Lab File: BF117746.D

Acq: 8 Nov 2019 22:04

Instrument :

BNA_F

ClientSampleId :

3-CMSD

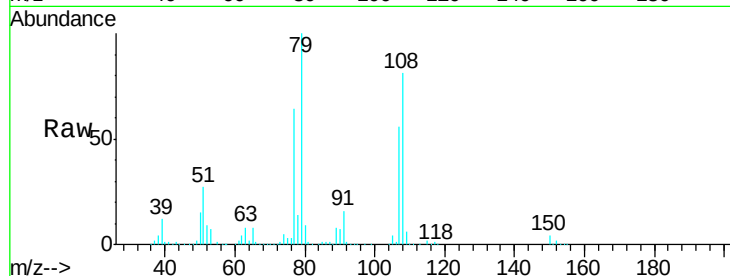
Tgt Ion: 79 Resp: 904150

Ion Ratio Lower Upper

79 100

108 80.5 66.5 99.7

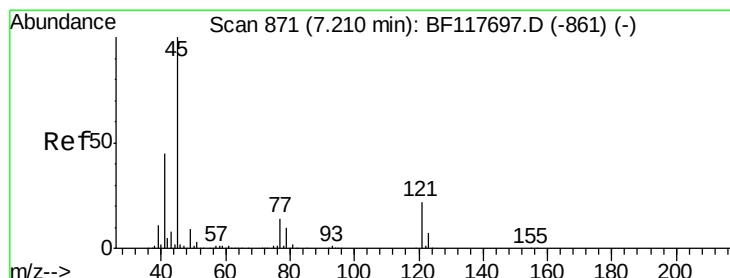
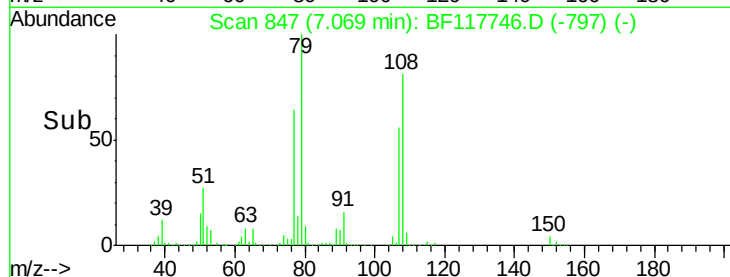
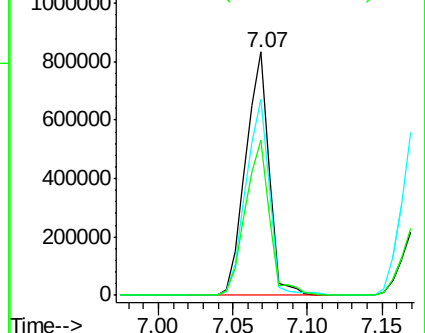
77 63.9 52.9 79.3



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: 41.970 ng

RT: 7.20 min Scan# 870

Delta R.T. -0.01 min

Lab File: BF117746.D

Acq: 8 Nov 2019 22:04

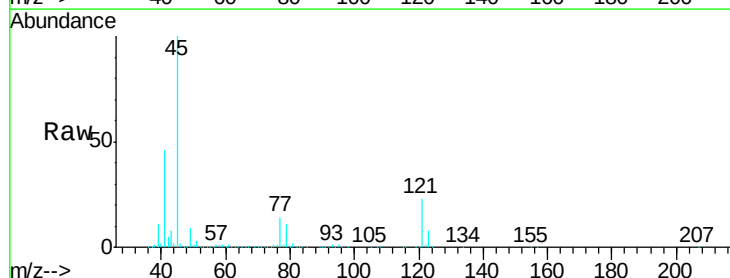
Tgt Ion: 45 Resp: 1403678

Ion Ratio Lower Upper

45 100

77 14.4 0.0 33.8

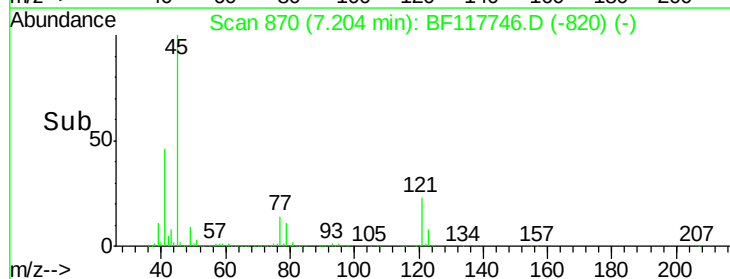
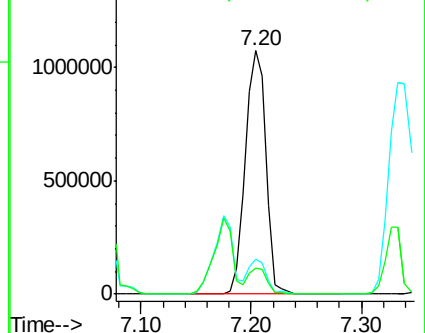
79 10.8 0.0 30.5

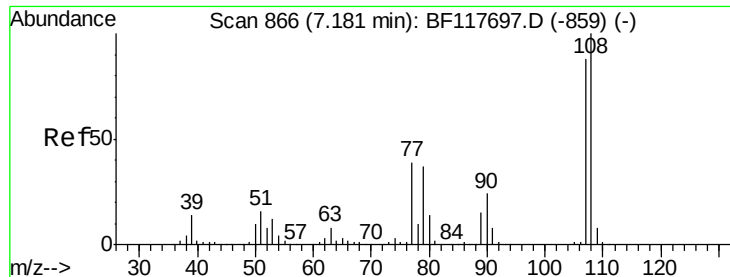


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

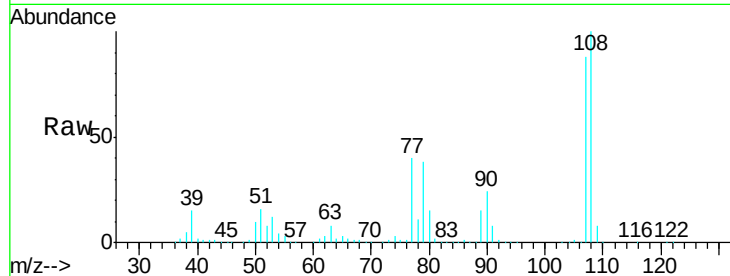




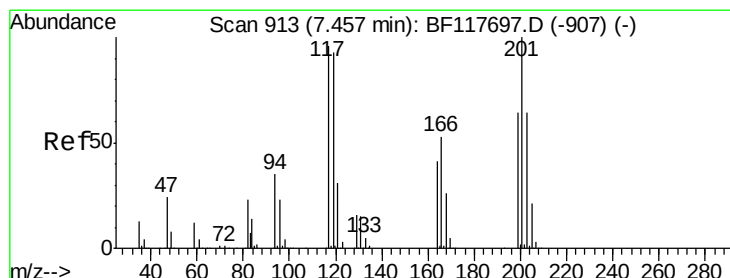
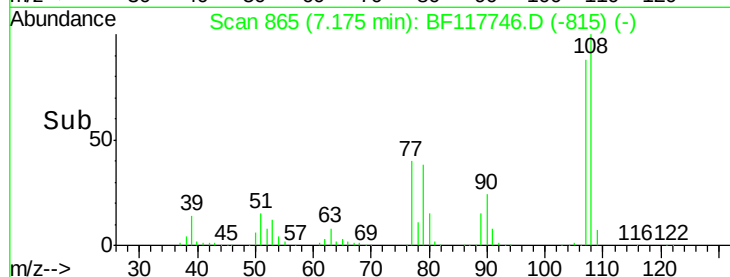
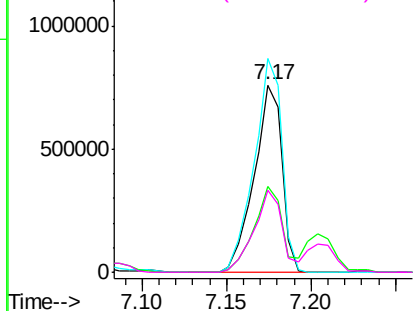
#17
2-Methylphenol
Concen: 47.229 ng
RT: 7.17 min Scan# 865
Delta R.T. -0.01 min
Lab File: BF117746.D
Acq: 8 Nov 2019 22:04

Instrument :
BNA_F
ClientSampleId :
3-CMSD

Tgt Ion:	107	Resp:	869987
Ion	Ratio	Lower	Upper
107	100		
108	114.0	91.1	136.7
77	45.8	35.8	53.8
79	43.8	34.1	51.1

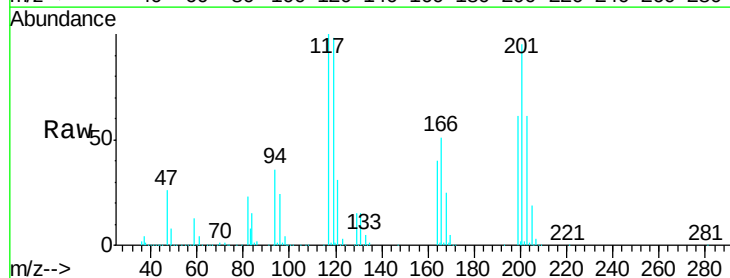


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

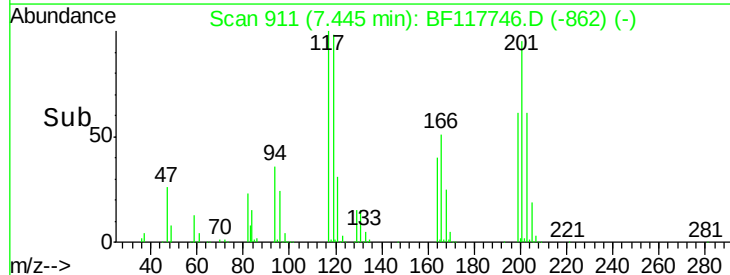
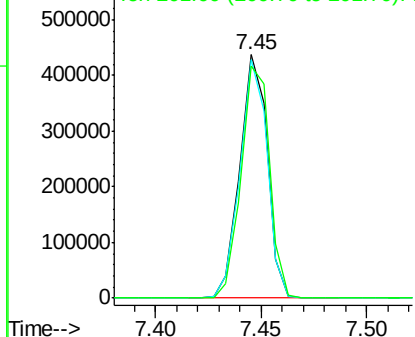


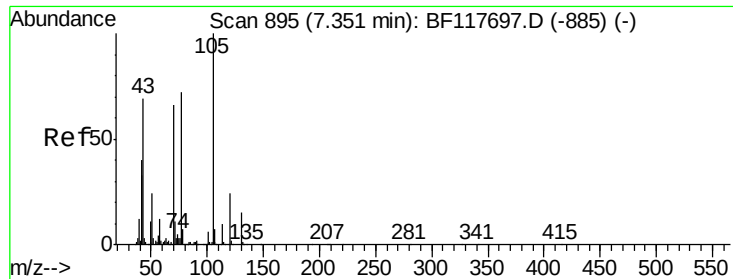
#18
Hexachloroethane
Concen: 42.781 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF117746.D
Acq: 8 Nov 2019 22:04

Tgt Ion:	117	Resp:	393549
Ion	Ratio	Lower	Upper
117	100		
119	97.9	77.7	116.5
201	95.1	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

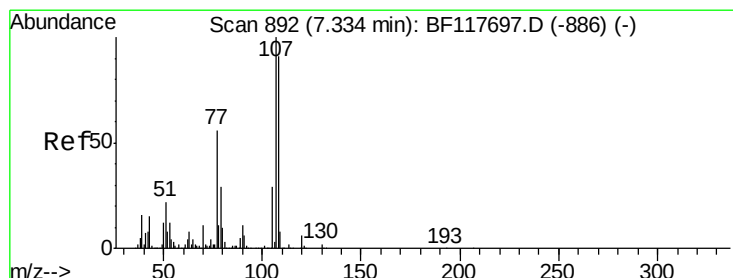
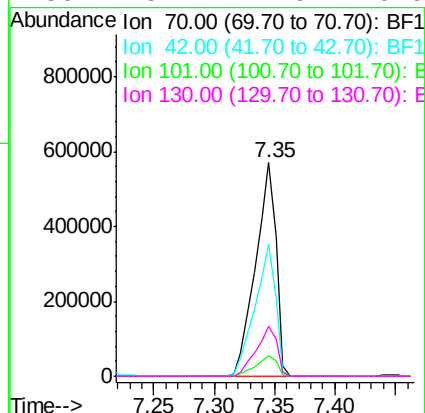
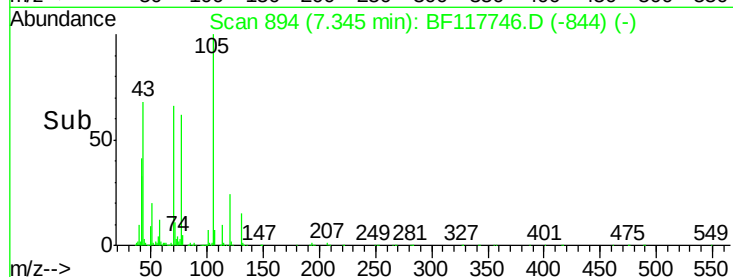
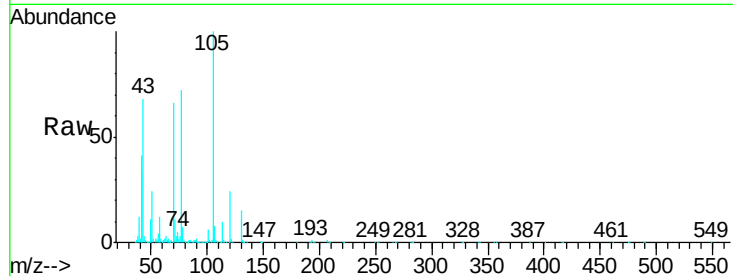




#19
n-Nitroso-di-n-propylamine
Concen: 43.606 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF117746.D
Acq: 8 Nov 2019 22:04

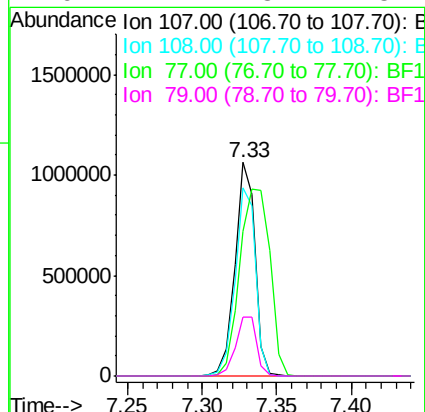
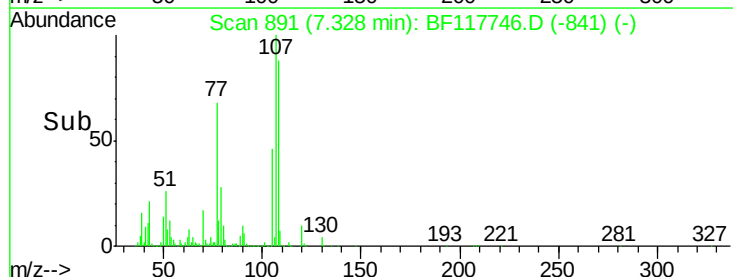
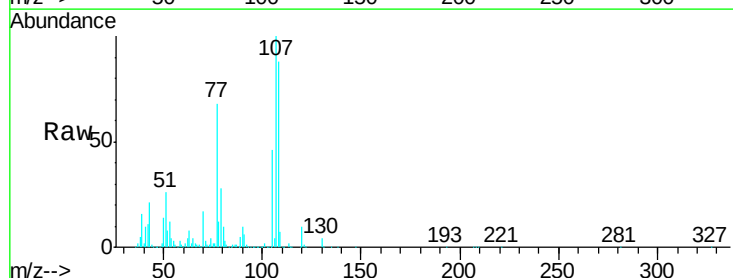
Instrument :
BNA_F
ClientSampleId :
3-CMSD

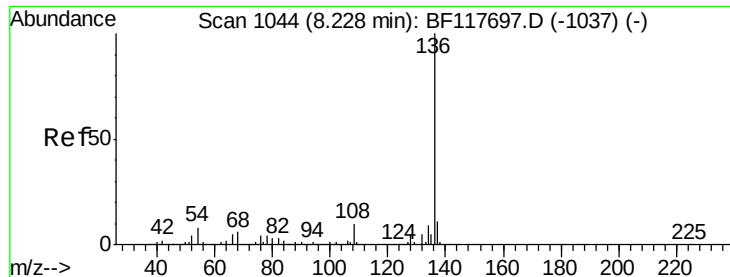
Tgt Ion:	70	Resp:	681605
Ion	Ratio	Lower	Upper
70	100		
42	62.0	49.1	73.7
101	9.8	7.8	11.8
130	23.2	17.9	26.9



#20
3+4-Methylphenols
Concen: 45.854 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF117746.D
Acq: 8 Nov 2019 22:04

Tgt Ion:	107	Resp:	1005779
Ion	Ratio	Lower	Upper
107	100		
108	88.2	70.5	110.5
77	67.7	35.6	75.6
79	27.7	8.7	48.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.22 min Scan# 1042

Delta R.T. -0.01 min

Lab File: BF117746.D

Acq: 8 Nov 2019 22:04

Instrument :

BNA_F

ClientSampleId :

3-CMSD

Tgt Ion:136 Resp: 1388711

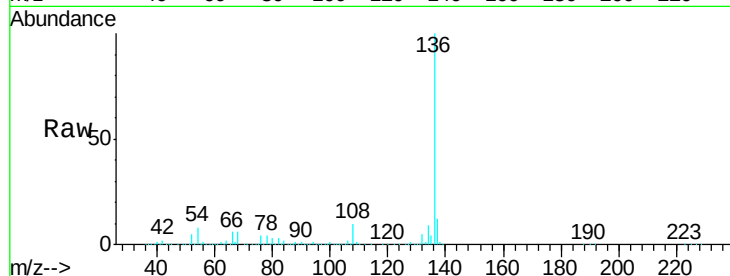
Ion Ratio Lower Upper

136 100

137 11.6 8.8 13.2

54 8.2 6.0 9.0

68 6.4 4.8 7.2

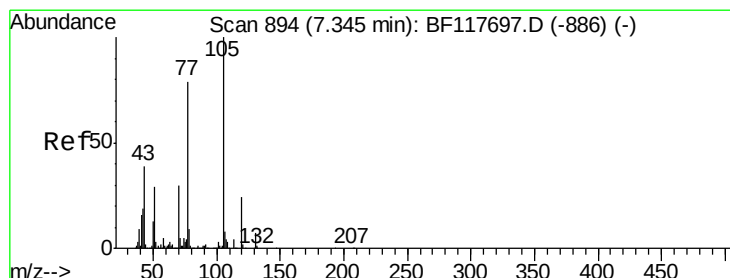
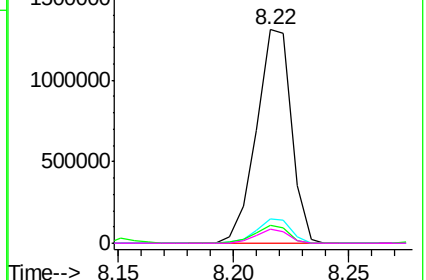
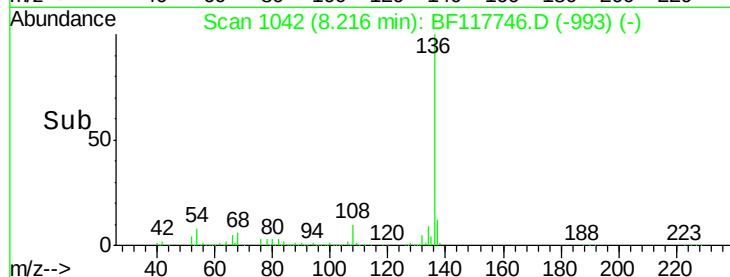


Abundance Ion 136.00 (135.70 to 136.70): E

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: 41.227 ng

RT: 7.34 min Scan# 893

Delta R.T. -0.01 min

Lab File: BF117746.D

Acq: 8 Nov 2019 22:04

Tgt Ion:105 Resp: 1308512

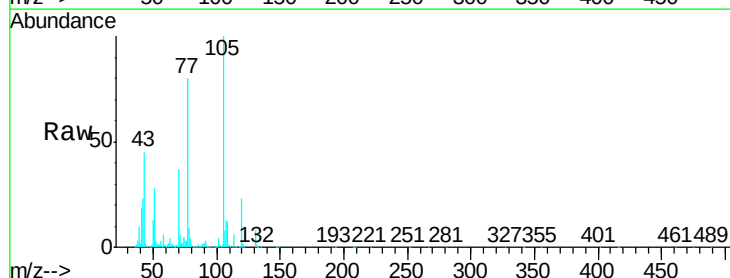
Ion Ratio Lower Upper

105 100

71 6.3 3.9 5.9#

51 28.1 23.0 34.4

120 23.2 19.1 28.7

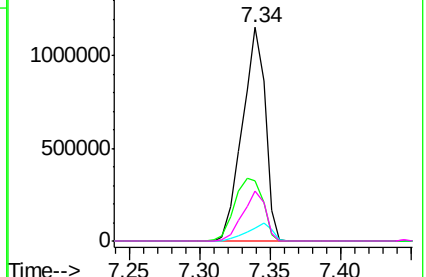
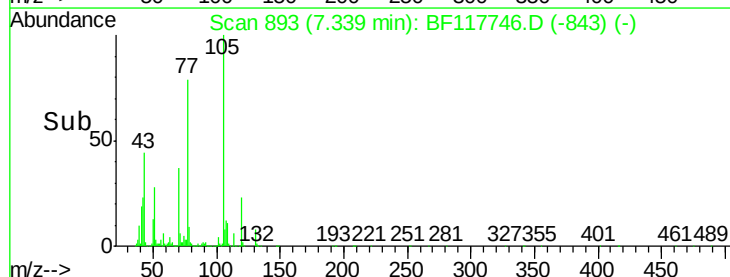


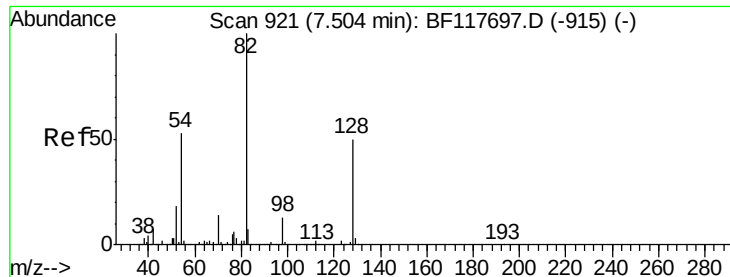
Abundance Ion 105.00 (104.70 to 105.70): E

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

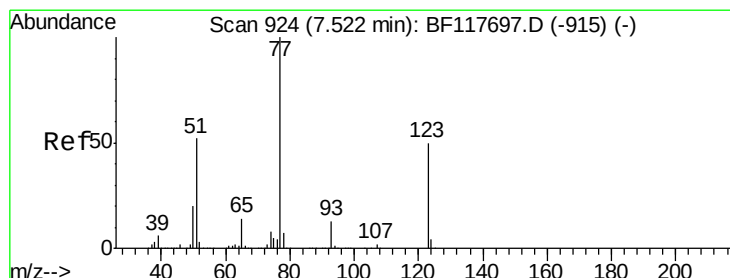
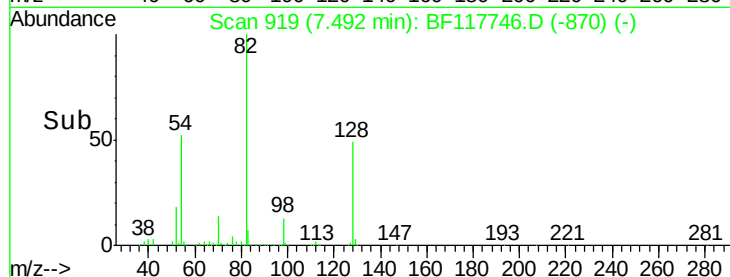
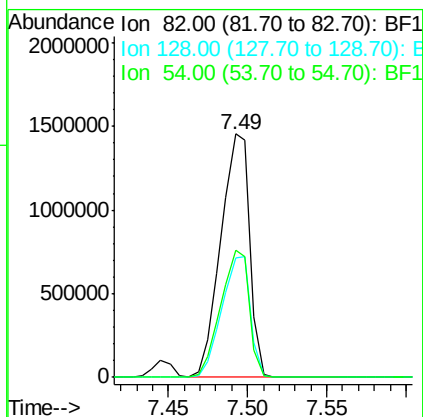
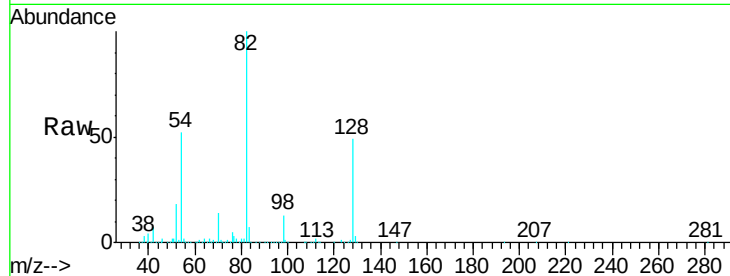




#23
 Nitrobenzene-d5
 Concen: 78.151 ng
 RT: 7.49 min Scan# 919
 Delta R.T. -0.01 min
 Lab File: BF117746.D
 Acq: 8 Nov 2019 22:04

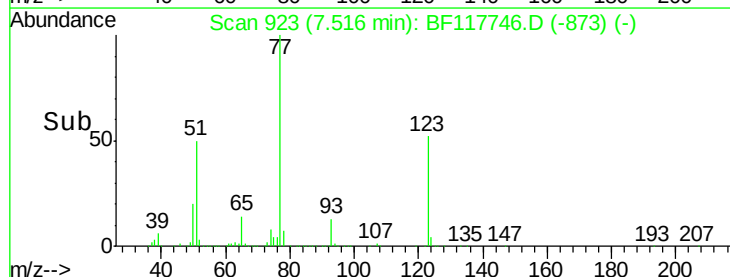
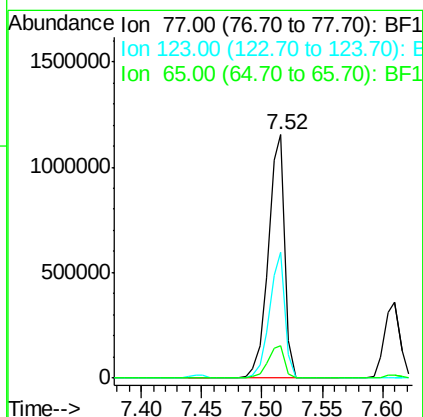
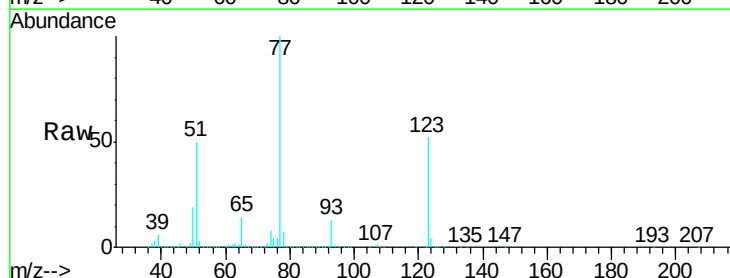
Instrument :
 BNA_F
 ClientSampleId :
 3-CMSD

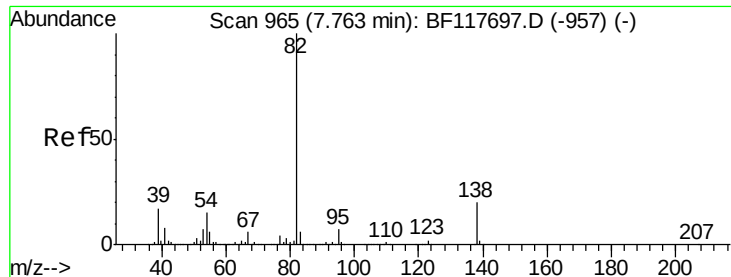
Tgt Ion: 82 Resp: 1838269
 Ion Ratio Lower Upper
 82 100
 128 48.9 40.2 60.2
 54 52.0 42.0 63.0



#24
 Nitrobenzene
 Concen: 43.856 ng
 RT: 7.52 min Scan# 923
 Delta R.T. -0.01 min
 Lab File: BF117746.D
 Acq: 8 Nov 2019 22:04

Tgt Ion: 77 Resp: 1077209
 Ion Ratio Lower Upper
 77 100
 123 51.9 40.4 60.6
 65 13.5 10.8 16.2





#25

Isophorone

Concen: 43.930 ng

RT: 7.76 min Scan# 964

Delta R.T. -0.01 min

Lab File: BF117746.D

Acq: 8 Nov 2019 22:04

Instrument :

BNA_F

ClientSampleId :

3-CMSD

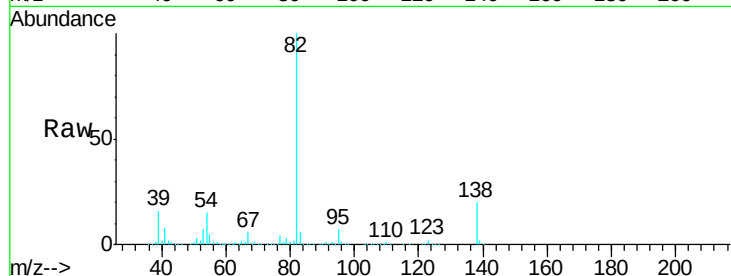
Tgt Ion: 82 Resp: 1976364

Ion Ratio Lower Upper

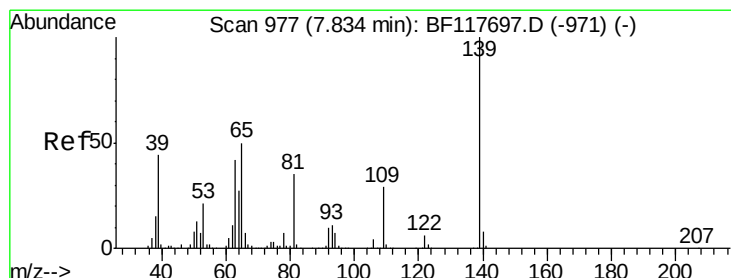
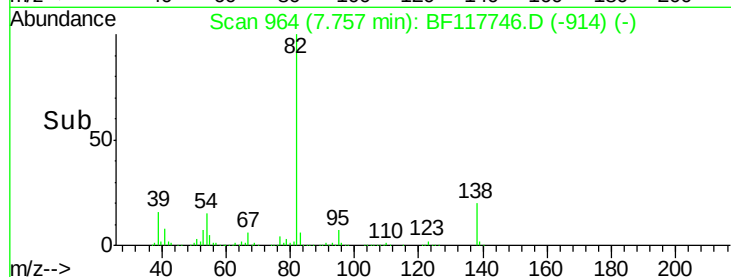
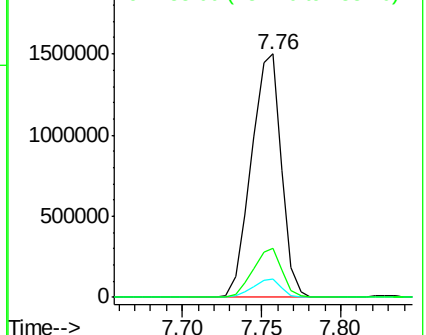
82 100

95 7.4 5.8 8.6

138 20.0 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: 50.347 ng

RT: 7.83 min Scan# 976

Delta R.T. -0.01 min

Lab File: BF117746.D

Acq: 8 Nov 2019 22:04

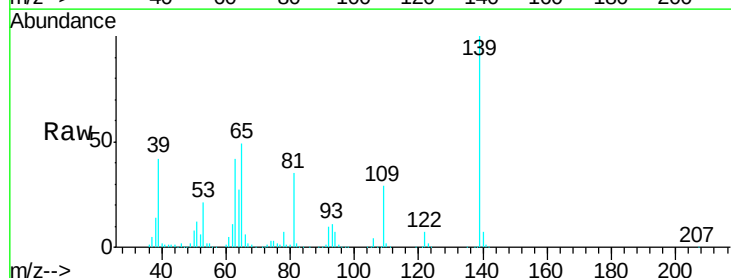
Tgt Ion: 139 Resp: 574104

Ion Ratio Lower Upper

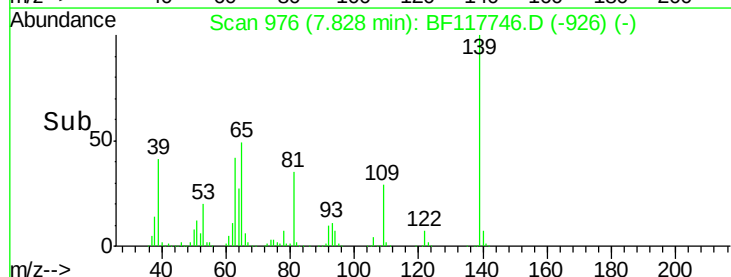
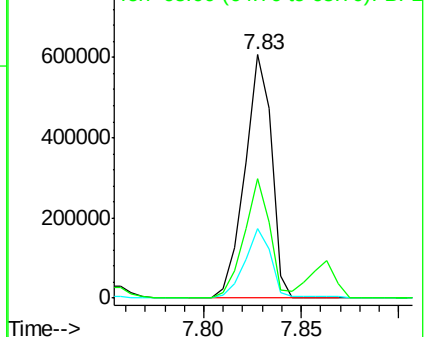
139 100

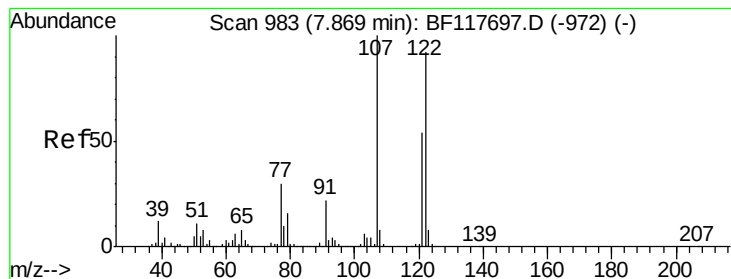
109 28.7 22.8 34.2

65 48.9 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: 50.947 ng

RT: 7.86 min Scan# 982

Delta R.T. -0.01 min

Lab File: BF117746.D

Acq: 8 Nov 2019 22:04

Instrument :

BNA_F

ClientSampleId :

3-CMSD

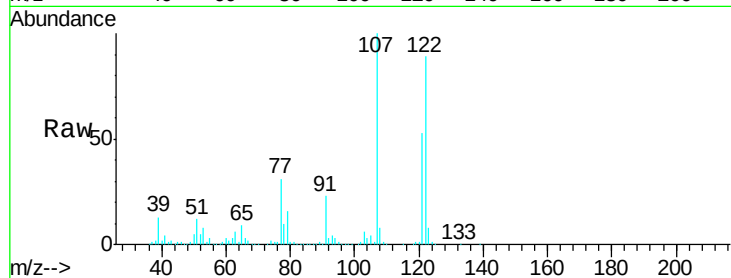
Tgt Ion:122 Resp: 979577

Ion Ratio Lower Upper

122 100

107 112.7 87.1 130.7

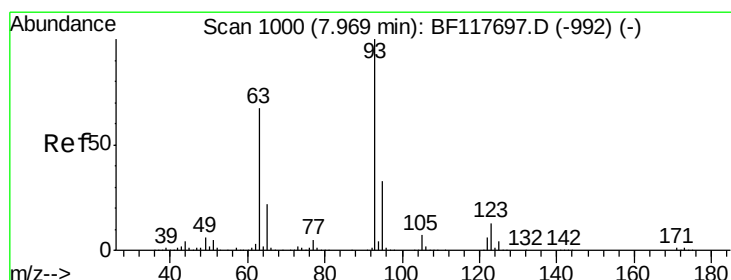
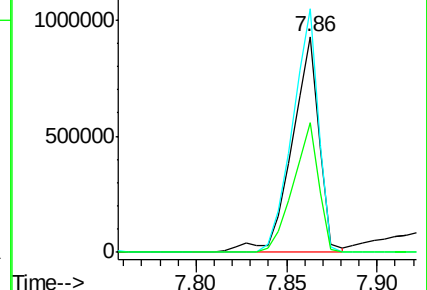
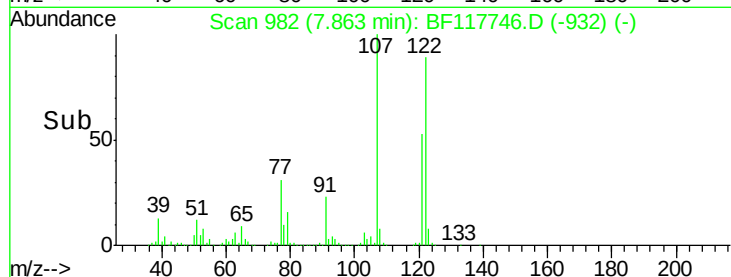
121 59.8 46.9 70.3



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: 41.370 ng

RT: 7.96 min Scan# 999

Delta R.T. -0.01 min

Lab File: BF117746.D

Acq: 8 Nov 2019 22:04

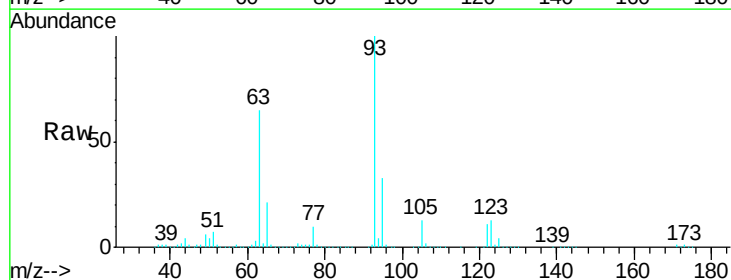
Tgt Ion: 93 Resp: 1194720

Ion Ratio Lower Upper

93 100

95 33.5 26.8 40.2

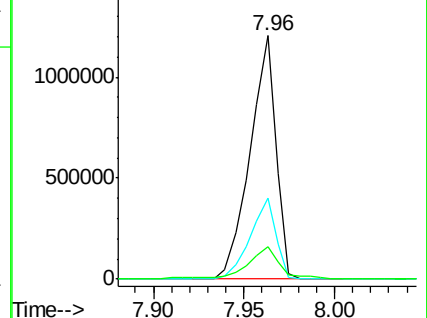
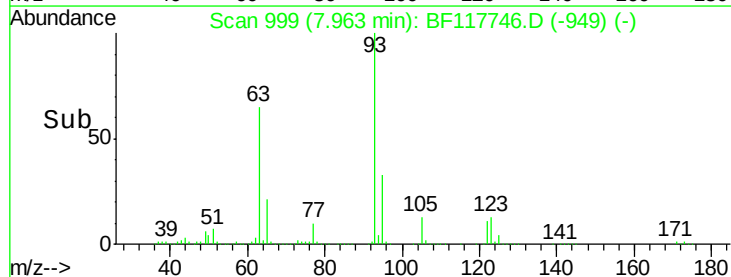
123 13.1 10.4 15.6

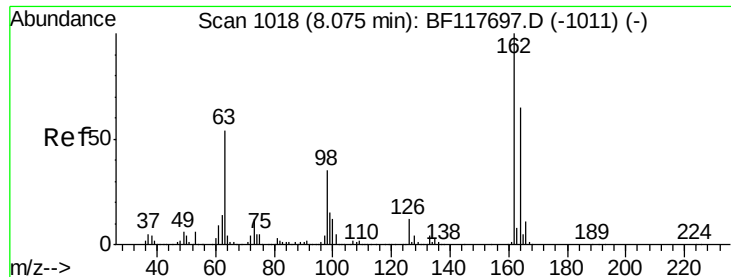


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

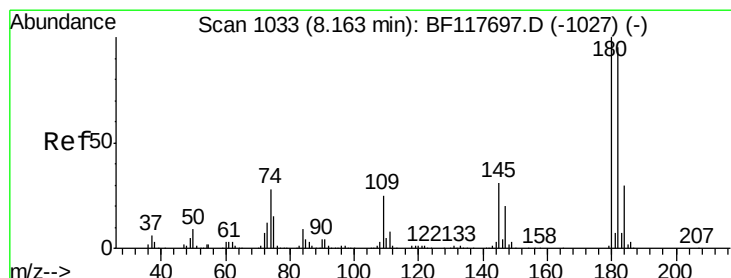
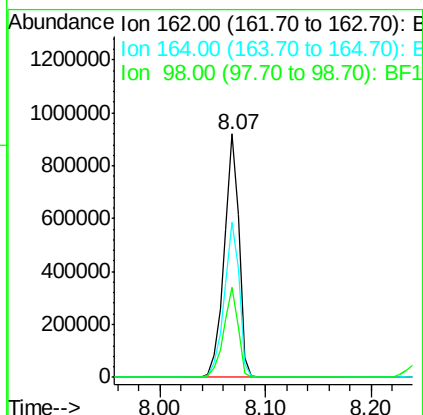
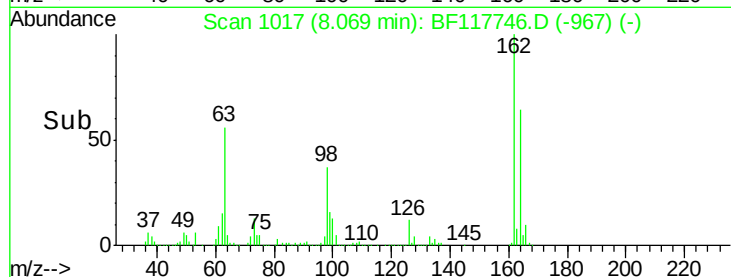
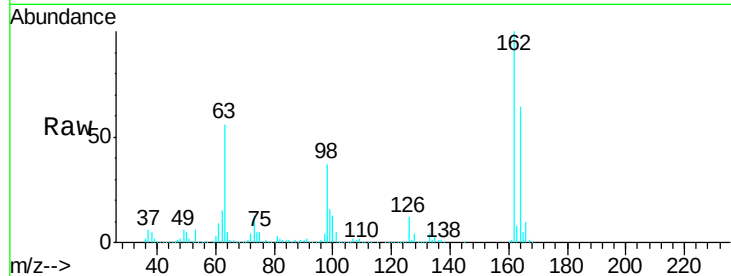




#29
2,4-Dichlorophenol
Concen: 45.442 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF117746.D
Acq: 8 Nov 2019 22:04

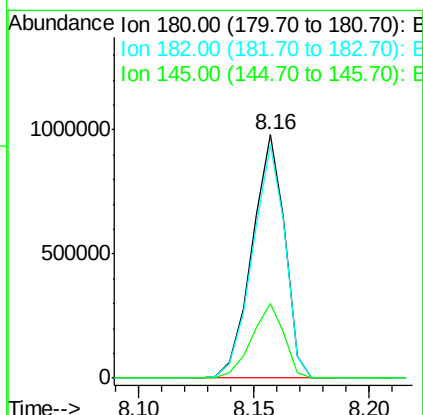
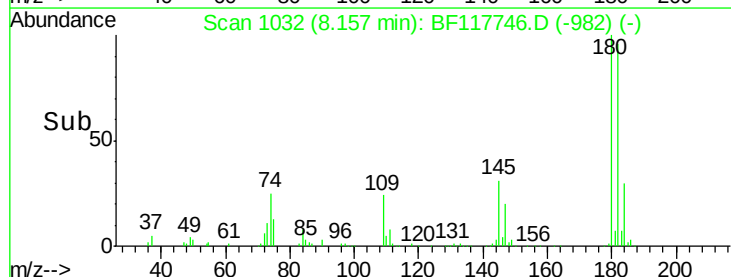
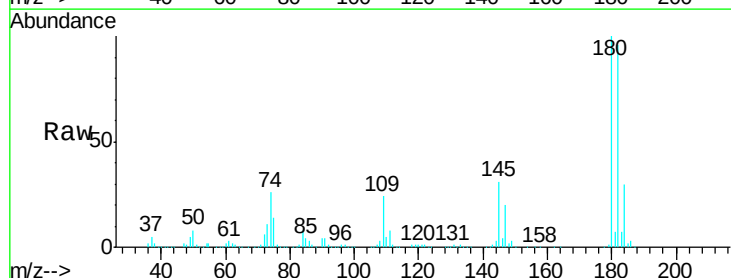
Instrument :
BNA_F
ClientSampleId :
3-CMSD

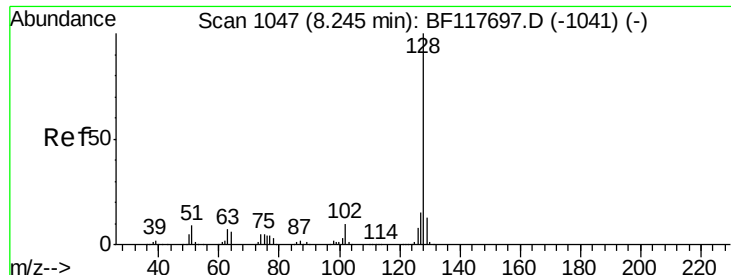
Tgt Ion:162 Resp: 900162
Ion Ratio Lower Upper
162 100
164 63.7 45.4 85.4
98 36.8 15.5 55.5



#30
1,2,4-Trichlorobenzene
Concen: 42.462 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF117746.D
Acq: 8 Nov 2019 22:04

Tgt Ion:180 Resp: 962900
Ion Ratio Lower Upper
180 100
182 95.7 76.0 114.0
145 30.7 25.0 37.4

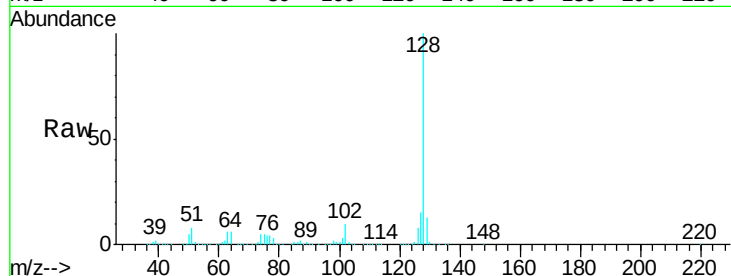




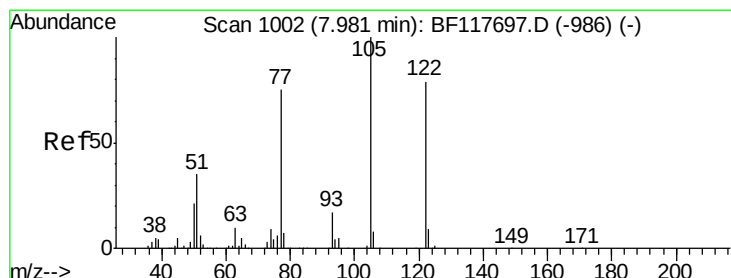
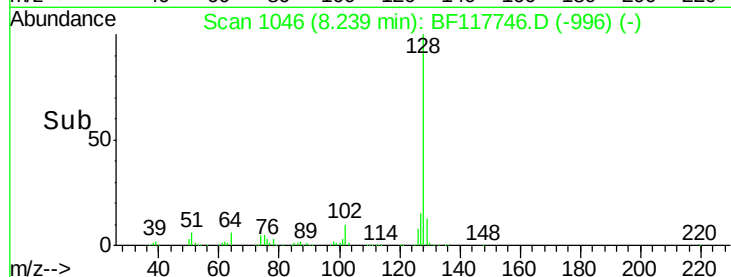
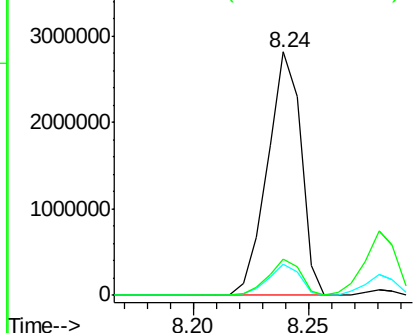
#31
Naphthalene
Concen: 44.597 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF117746.D
Acq: 8 Nov 2019 22:04

Instrument :
BNA_F
ClientSampleId :
3-CMSD

Tgt Ion:128 Resp: 2830833
Ion Ratio Lower Upper
128 100
129 12.7 10.1 15.1
127 14.7 11.8 17.6

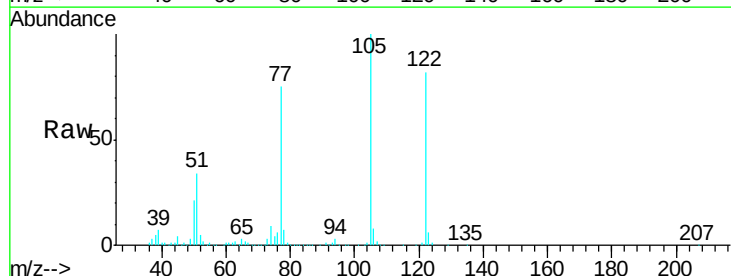


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

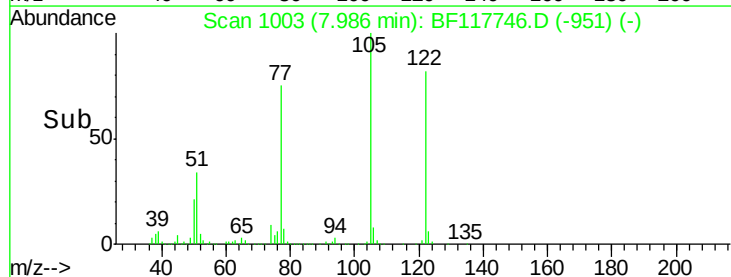
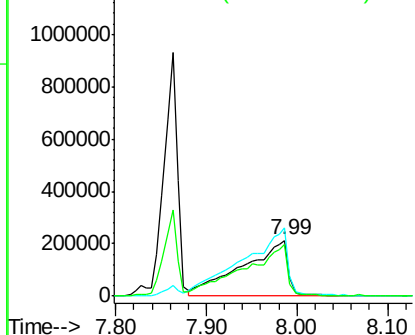


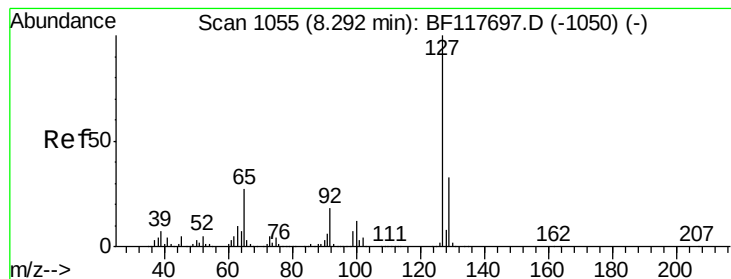
#32
Benzoic acid
Concen: 48.691 ng
RT: 7.99 min Scan# 1003
Delta R.T. 0.01 min
Lab File: BF117746.D
Acq: 8 Nov 2019 22:04

Tgt Ion:122 Resp: 741070
Ion Ratio Lower Upper
122 100
105 121.6 102.8 142.8
77 91.7 73.2 113.2



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 24.754 ng

RT: 8.28 min Scan# 1053

Delta R.T. -0.01 min

Lab File: BF117746.D

Acq: 8 Nov 2019 22:04

Instrument :

BNA_F

ClientSampleId :

3-CMSD

Tgt Ion:127 Resp: 730120

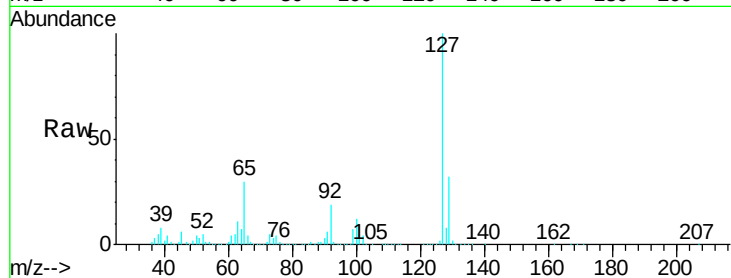
Ion Ratio Lower Upper

127 100

129 32.4 26.6 39.8

65 29.6 21.7 32.5

92 18.9 14.1 21.1

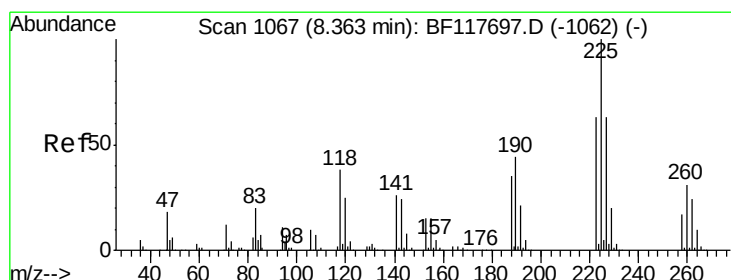
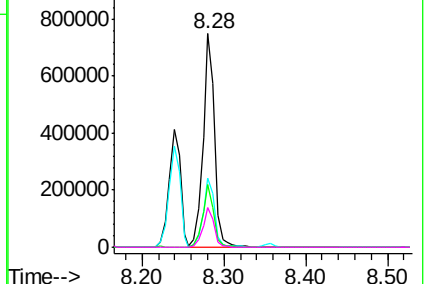
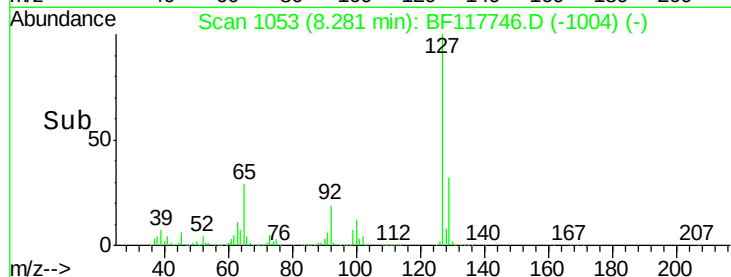


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 40.538 ng

RT: 8.36 min Scan# 1066

Delta R.T. -0.01 min

Lab File: BF117746.D

Acq: 8 Nov 2019 22:04

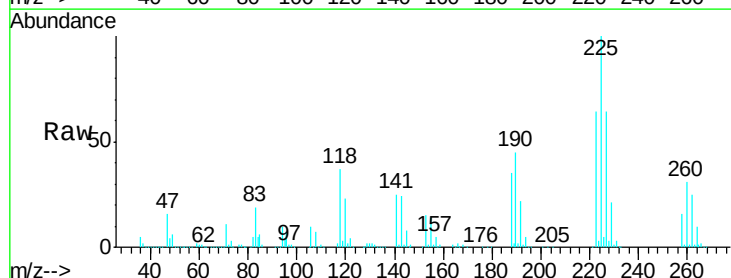
Tgt Ion:225 Resp: 526432

Ion Ratio Lower Upper

225 100

223 64.0 50.1 75.1

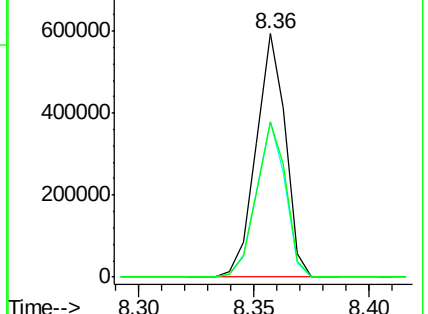
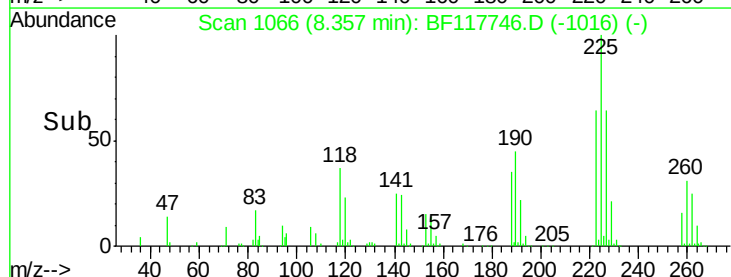
227 63.9 50.2 75.4

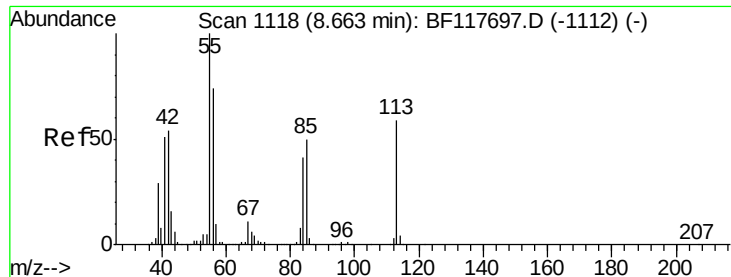


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 30.661 ng

RT: 8.66 min Scan# 1118

Delta R.T. -0.00 min

Lab File: BF117746.D

Acq: 8 Nov 2019 22:04

Instrument :

BNA_F

ClientSampleId :

3-CMSD

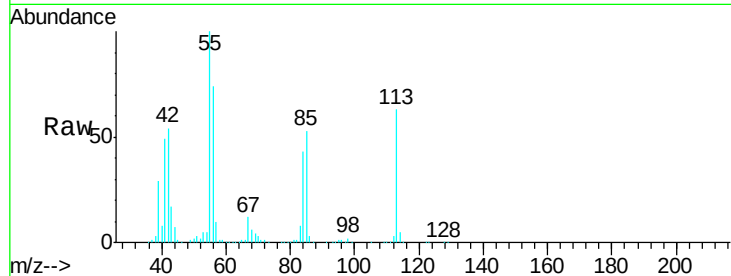
Tgt Ion:113 Resp: 201305

Ion Ratio Lower Upper

113 100

55 159.9 150.5 190.5

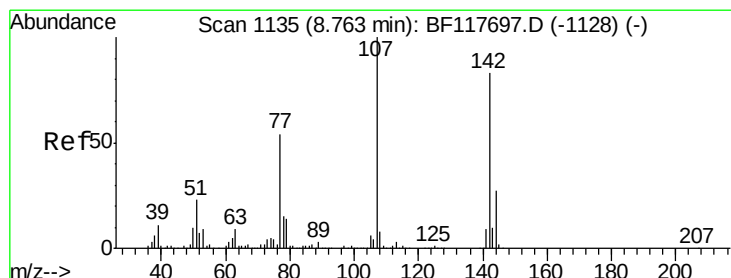
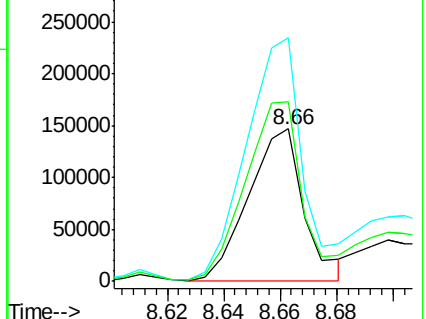
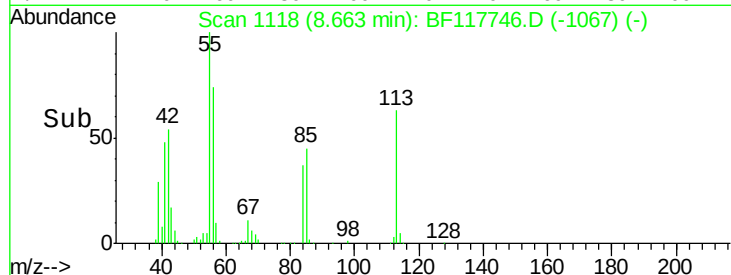
56 117.5 106.2 146.2



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: 46.996 ng

RT: 8.76 min Scan# 1135

Delta R.T. -0.00 min

Lab File: BF117746.D

Acq: 8 Nov 2019 22:04

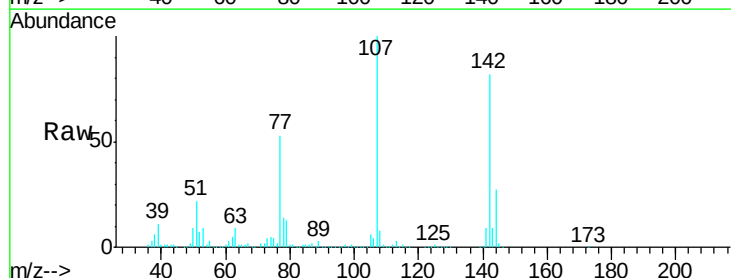
Tgt Ion:107 Resp: 939399

Ion Ratio Lower Upper

107 100

144 27.1 21.5 32.3

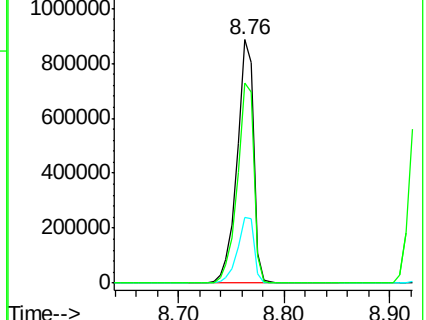
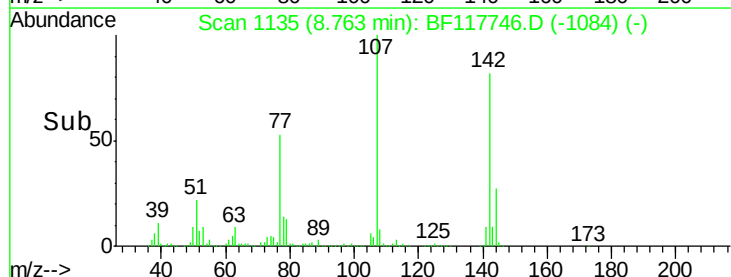
142 82.4 66.7 100.1

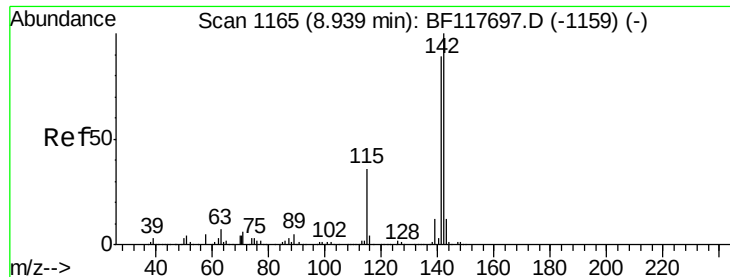


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

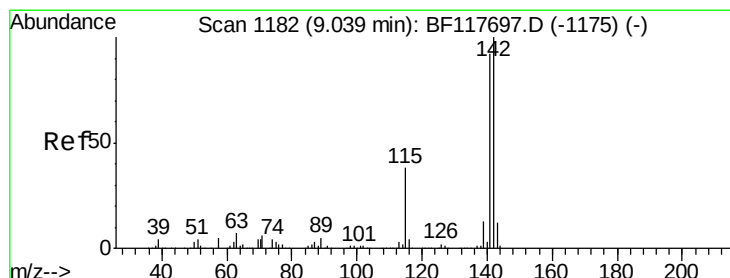
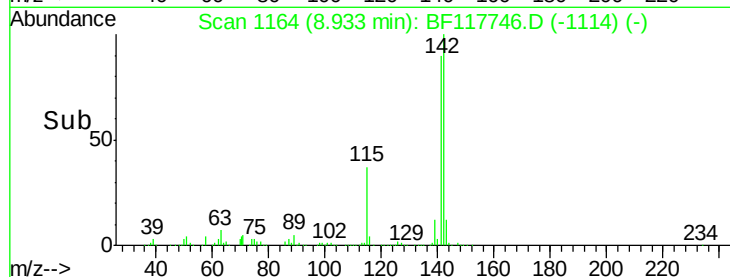
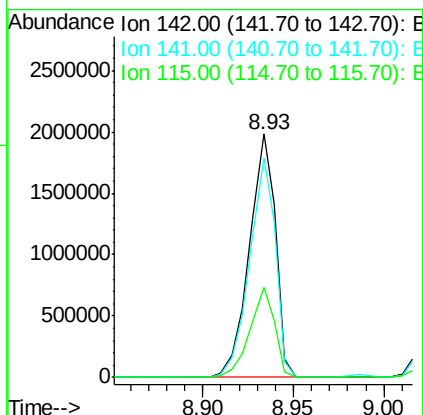
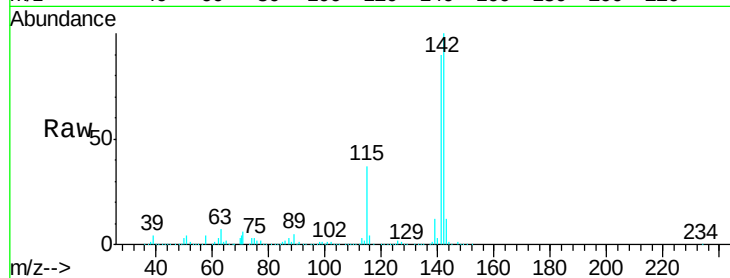




#37
2-Methylnaphthalene
Concen: 45.854 ng
RT: 8.93 min Scan# 1164
Delta R.T. -0.01 min
Lab File: BF117746.D
Acq: 8 Nov 2019 22:04

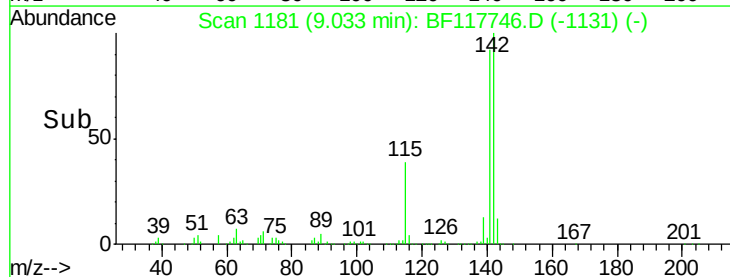
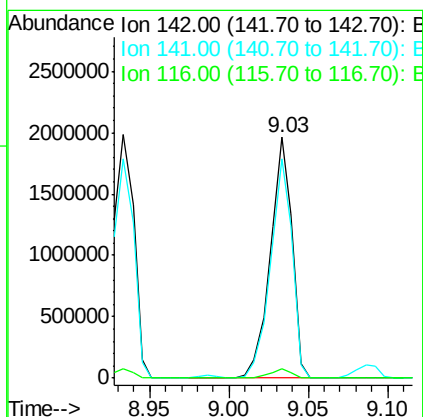
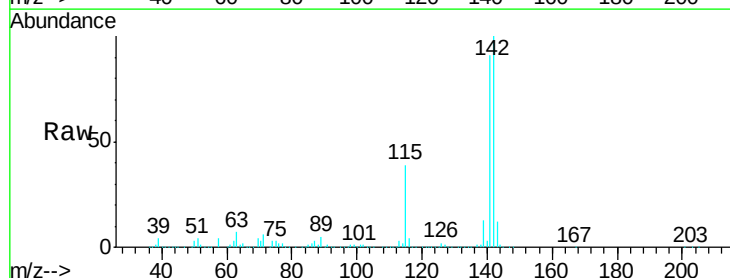
Instrument :
BNA_F
ClientSampleId :
3-CMSD

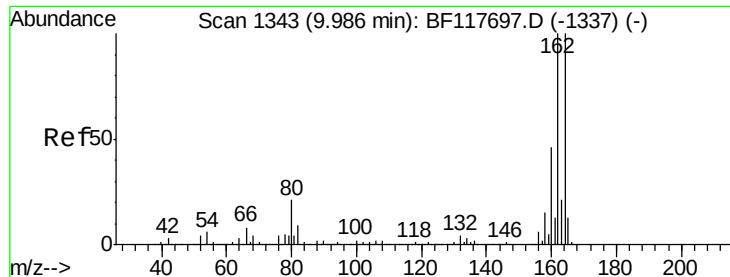
Tgt Ion:142 Resp: 1981479
Ion Ratio Lower Upper
142 100
141 90.2 71.5 107.3
115 36.8 28.9 43.3



#38
1-Methylnaphthalene
Concen: 45.754 ng
RT: 9.03 min Scan# 1181
Delta R.T. -0.01 min
Lab File: BF117746.D
Acq: 8 Nov 2019 22:04

Tgt Ion:142 Resp: 1877602
Ion Ratio Lower Upper
142 100
141 91.2 73.3 109.9
116 4.1 3.2 4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.98 min Scan# 1342

Delta R.T. -0.01 min

Lab File: BF117746.D

Acq: 8 Nov 2019 22:04

Instrument :

BNA_F

ClientSampleId :

3-CMSD

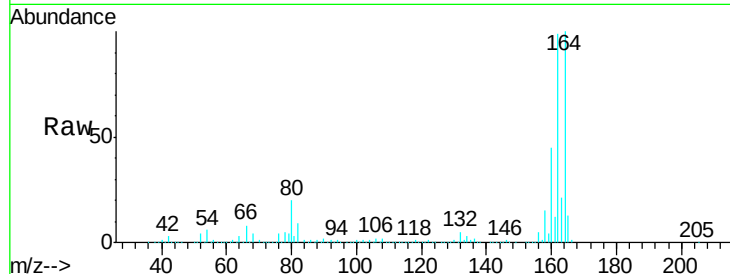
Tgt Ion:164 Resp: 750613

Ion Ratio Lower Upper

164 100

162 99.1 79.7 119.5

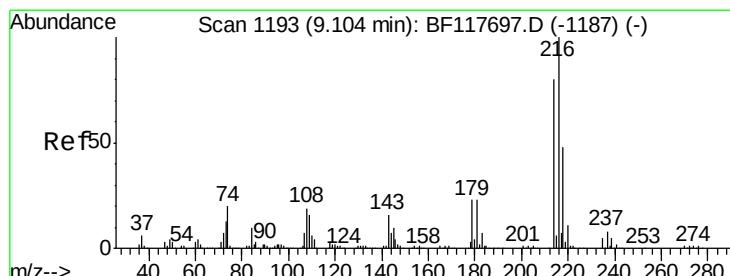
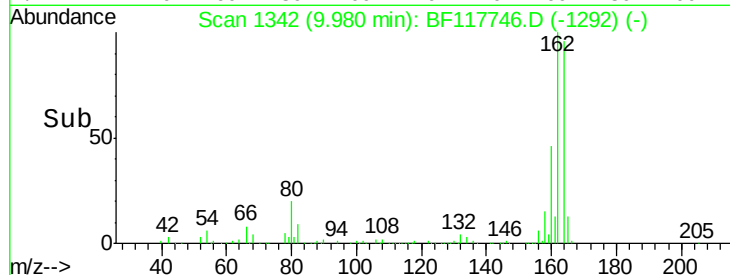
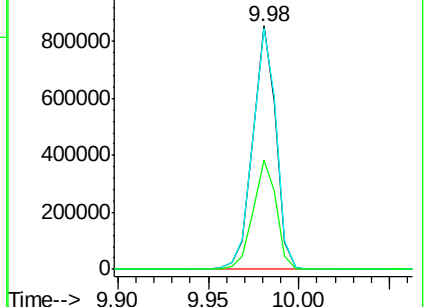
160 45.1 36.5 54.7



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: 42.069 ng

RT: 9.10 min Scan# 1192

Delta R.T. -0.01 min

Lab File: BF117746.D

Acq: 8 Nov 2019 22:04

Tgt Ion:216 Resp: 863893

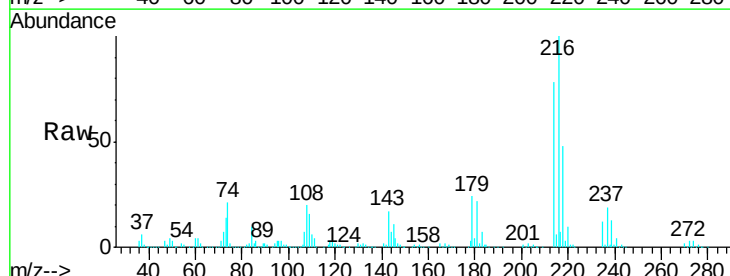
Ion Ratio Lower Upper

216 100

214 78.6 63.6 95.4

179 22.6 18.1 27.1

108 21.6 16.4 24.6

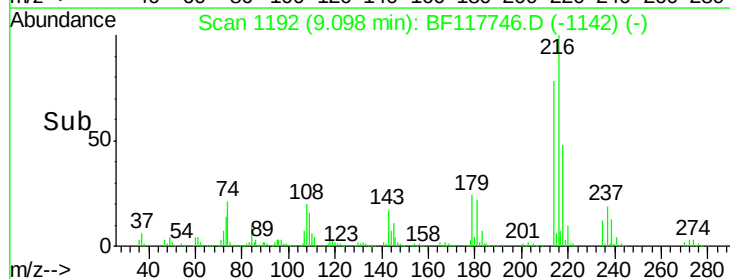
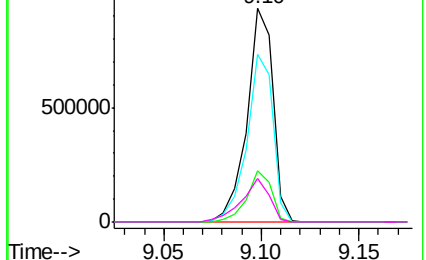


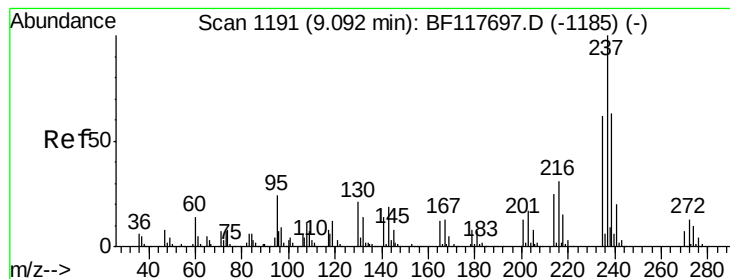
Abundance Ion 216.00 (215.70 to 216.70): E

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: 78.366 ng

RT: 9.09 min Scan# 1190

Delta R.T. -0.01 min

Lab File: BF117746.D

Acq: 8 Nov 2019 22:04

Instrument :

BNA_F

ClientSampleId :

3-CMSD

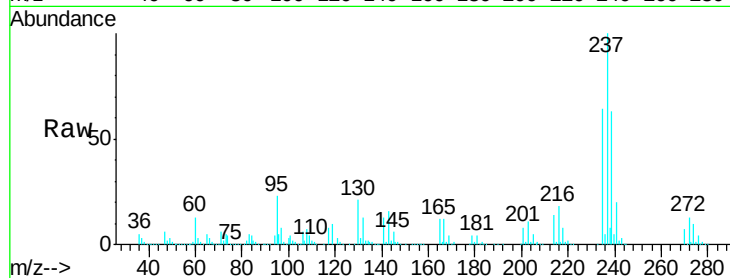
Tgt Ion: 237 Resp: 868154

Ion Ratio Lower Upper

237 100

235 64.1 42.2 82.2

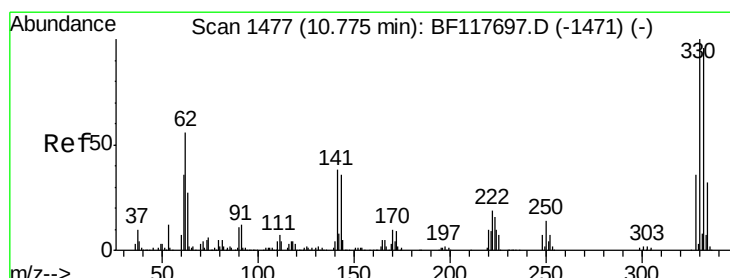
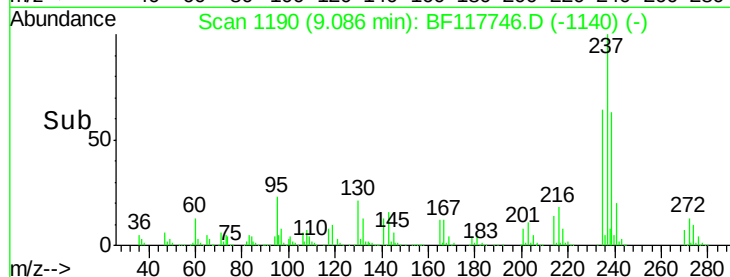
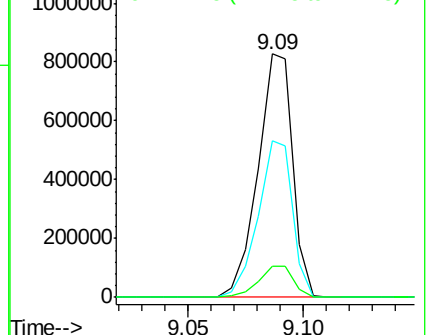
272 12.6 0.0 32.8



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: 118.361 ng

RT: 10.77 min Scan# 1477

Delta R.T. -0.00 min

Lab File: BF117746.D

Acq: 8 Nov 2019 22:04

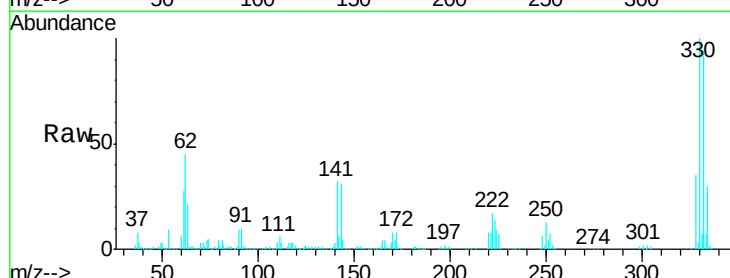
Tgt Ion: 330 Resp: 869087

Ion Ratio Lower Upper

330 100

332 95.8 77.4 116.0

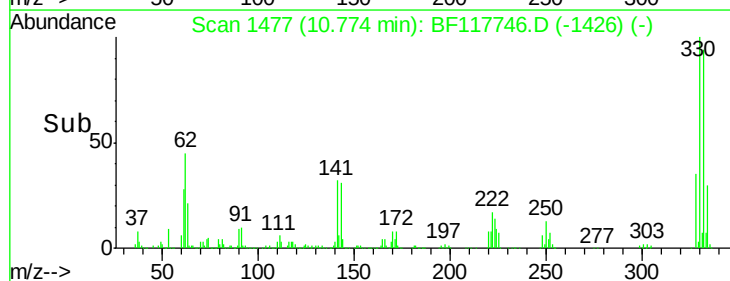
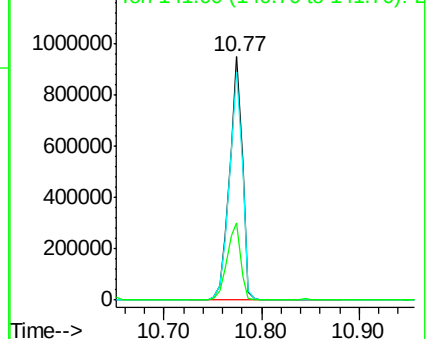
141 33.3 28.0 42.0

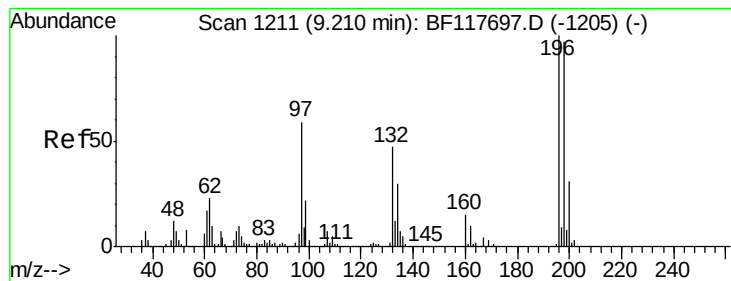


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#43

2,4,6-Trichlorophenol

Concen: 45.813 ng

RT: 9.21 min Scan# 1211

Delta R.T. -0.00 min

Lab File: BF117746.D

Acq: 8 Nov 2019 22:04

Instrument :

BNA_F

ClientSampled :

3-CMSD

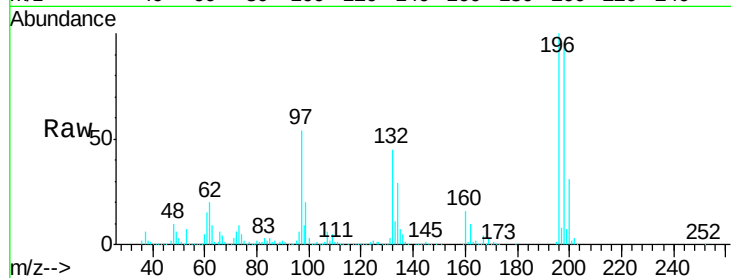
Tgt Ion:196 Resp: 685178

Ion Ratio Lower Upper

196 100

198 95.5 77.8 116.6

200 30.6 25.0 37.6

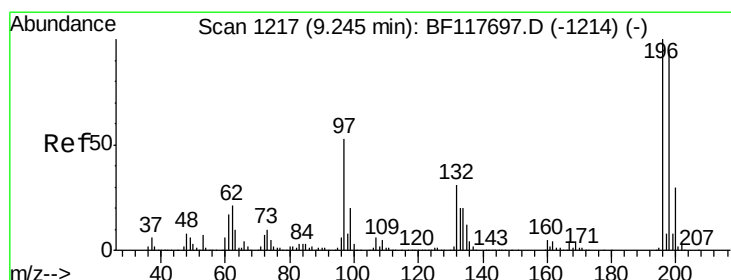
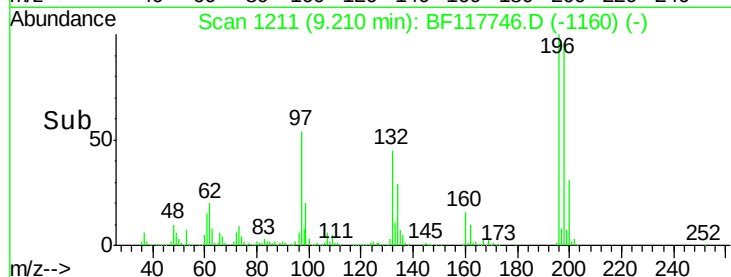
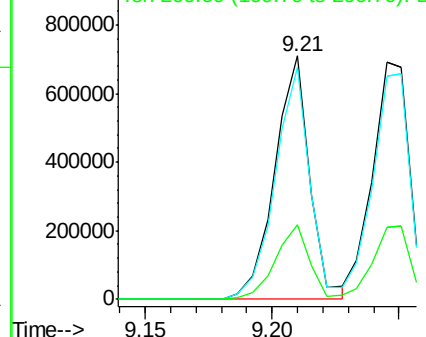


Abundance

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: 46.443 ng

RT: 9.25 min Scan# 1217

Delta R.T. -0.00 min

Lab File: BF117746.D

Acq: 8 Nov 2019 22:04

Tgt Ion:196 Resp: 704052

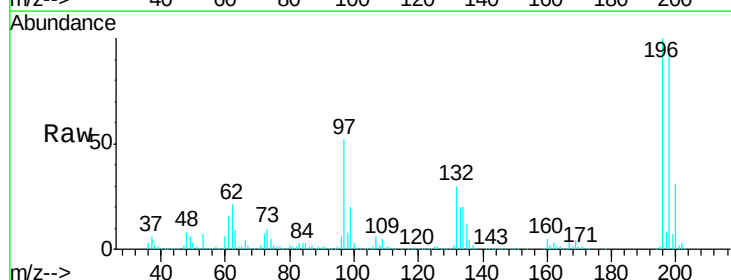
Ion Ratio Lower Upper

196 100

198 93.9 75.4 113.0

97 51.7 42.5 63.7

132 30.1 24.7 37.1



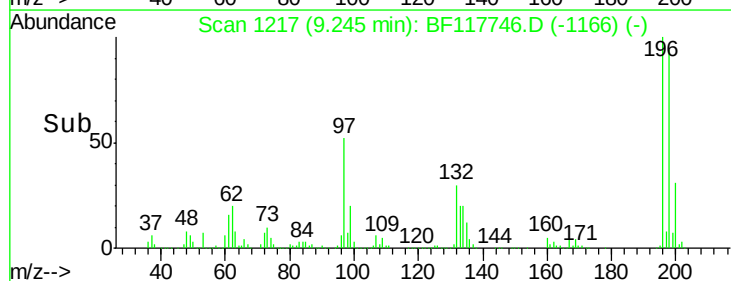
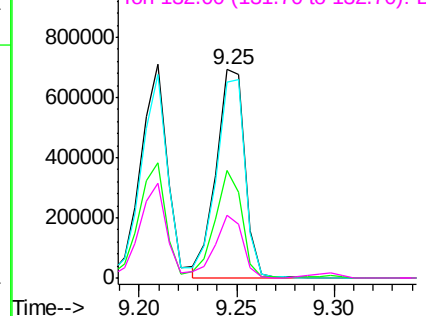
Abundance

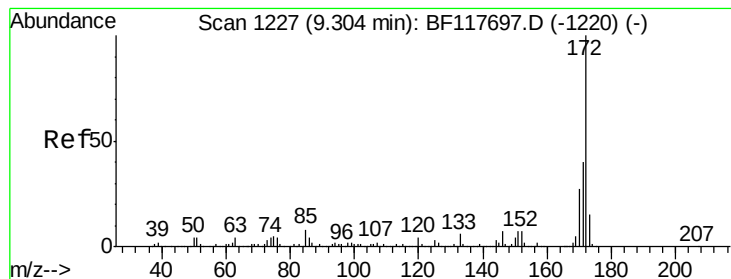
Ion 196.00 (195.70 to 196.70): E

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: 83.254 ng

RT: 9.30 min Scan# 1226

Delta R.T. -0.01 min

Lab File: BF117746.D

Acq: 8 Nov 2019 22:04

Instrument :

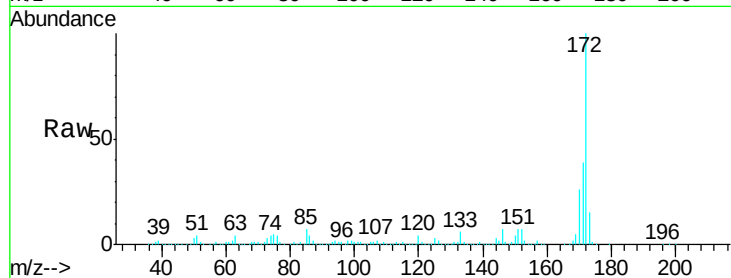
BNA_F

ClientSampleId :

3-CMSD

Tgt Ion:172 Resp: 3167327

Ion	Ratio	Lower	Upper
172	100		
171	39.2	31.8	47.8
170	26.3	21.6	32.4

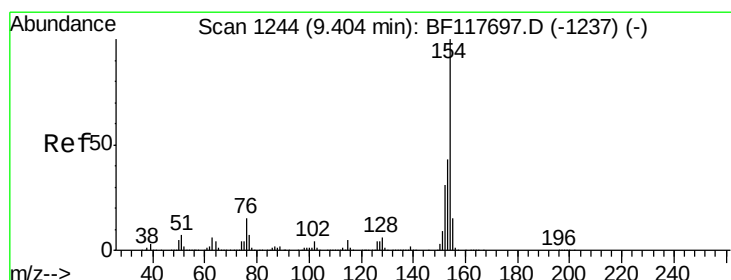
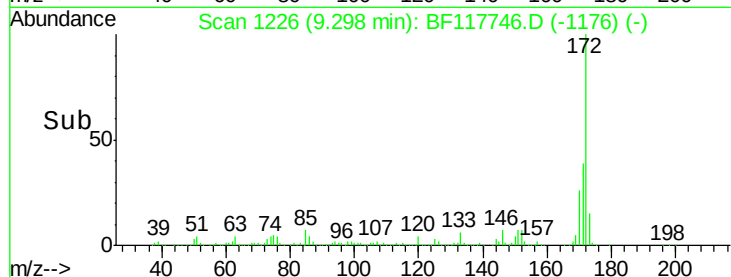
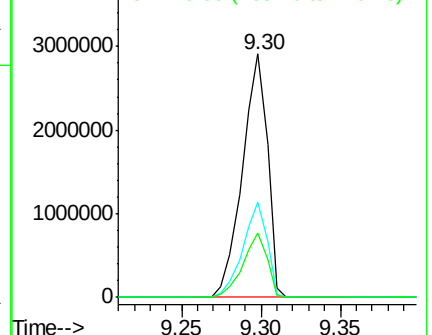


Abundance

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: 44.154 ng

RT: 9.40 min Scan# 1243

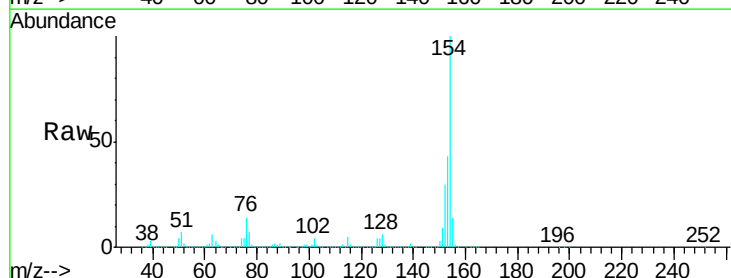
Delta R.T. -0.01 min

Lab File: BF117746.D

Acq: 8 Nov 2019 22:04

Tgt Ion:154 Resp: 2321152

Ion	Ratio	Lower	Upper
154	100		
153	42.6	23.2	63.2
76	14.0	0.0	34.7

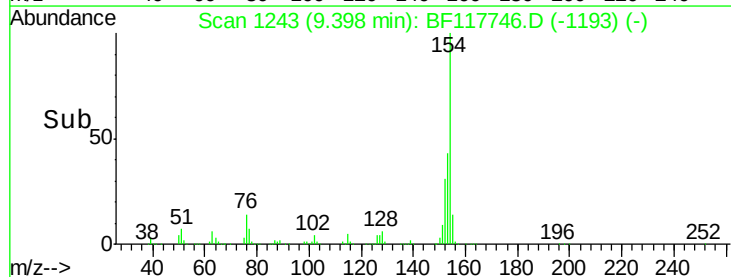
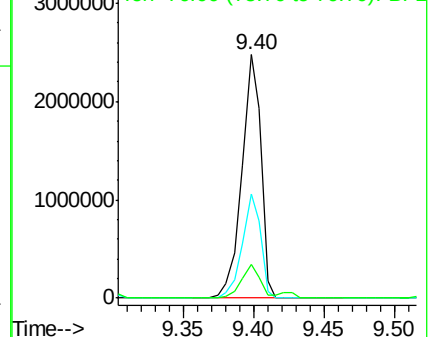


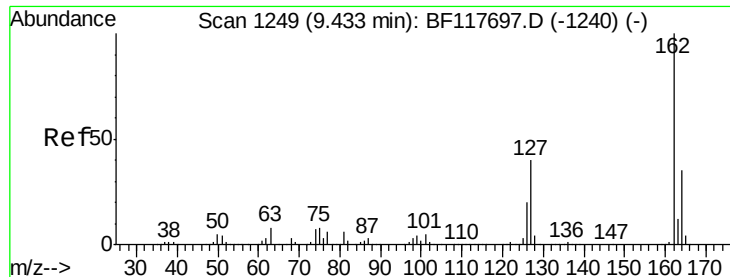
Abundance

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

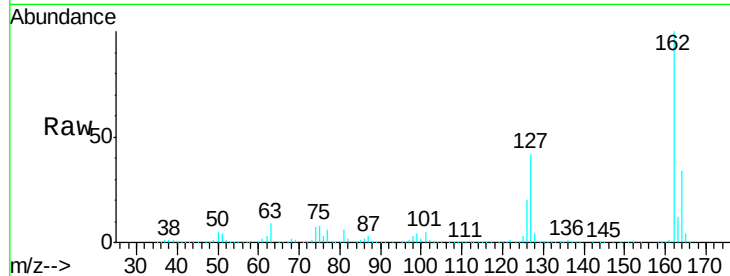




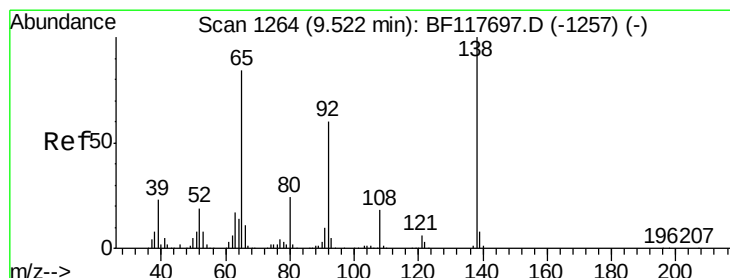
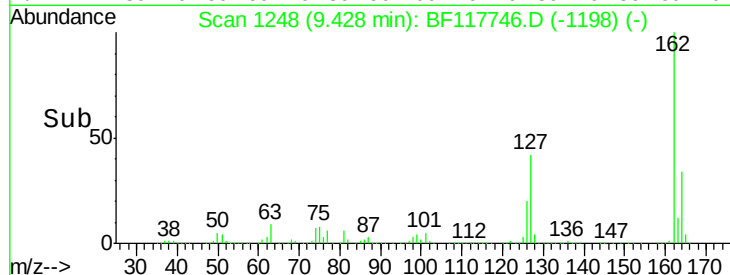
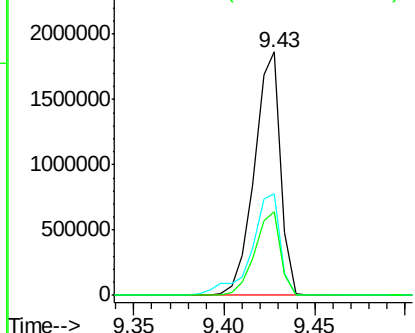
#47
 2-Chloronaphthalene
 Concen: 42.685 ng
 RT: 9.43 min Scan# 1248
 Delta R.T. -0.01 min
 Lab File: BF117746.D
 Acq: 8 Nov 2019 22:04

Instrument :
 BNA_F
 ClientSampleId :
 3-CMSD

Tgt Ion:162 Resp: 1862173
 Ion Ratio Lower Upper
 162 100
 127 41.6 32.2 48.4
 164 34.5 28.1 42.1

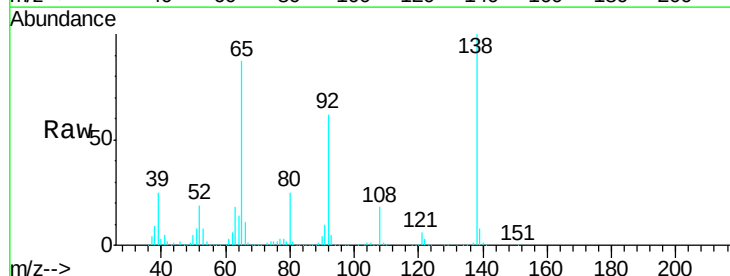


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

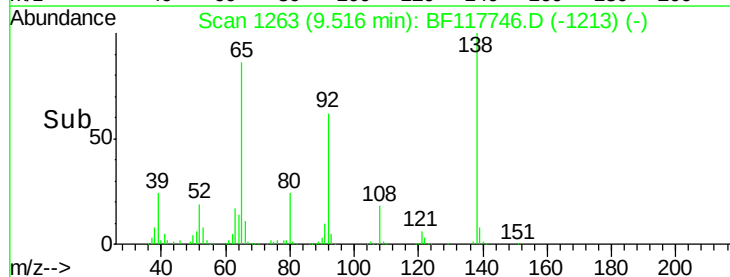
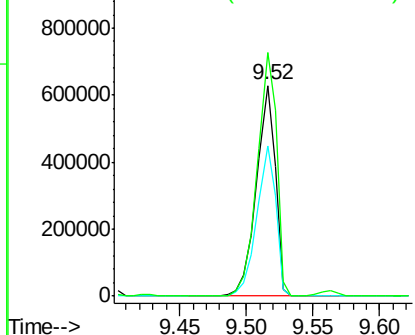


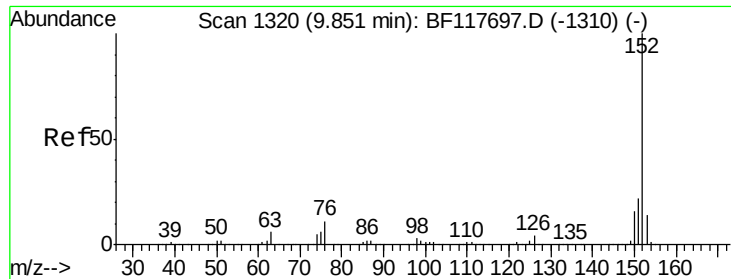
#48
 2-Nitroaniline
 Concen: 44.331 ng
 RT: 9.52 min Scan# 1263
 Delta R.T. -0.01 min
 Lab File: BF117746.D
 Acq: 8 Nov 2019 22:04

Tgt Ion: 65 Resp: 606067
 Ion Ratio Lower Upper
 65 100
 92 71.5 57.3 85.9
 138 115.6 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: 46.799 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BF117746.D

Acq: 8 Nov 2019 22:04

Instrument :

BNA_F

ClientSampleId :

3-CMSD

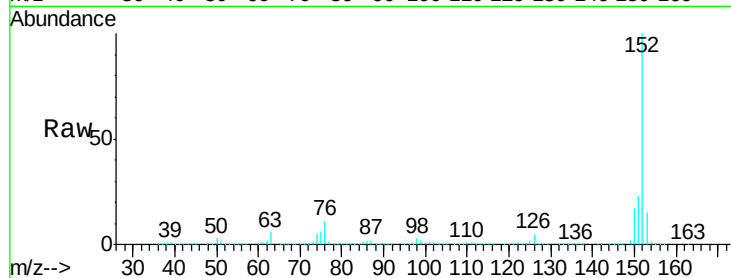
Tgt Ion:152 Resp: 2973274

Ion Ratio Lower Upper

152 100

151 22.6 17.8 26.6

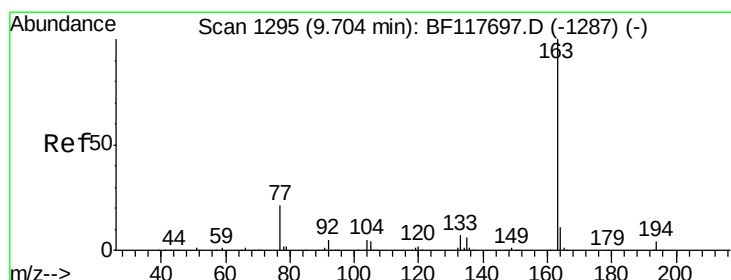
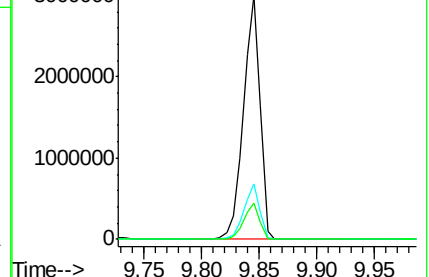
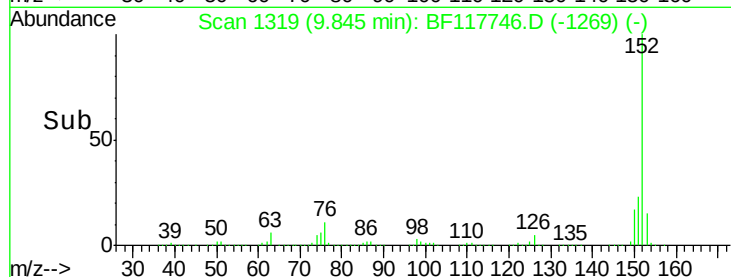
153 15.1 11.5 17.3



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: 49.356 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.00 min

Lab File: BF117746.D

Acq: 8 Nov 2019 22:04

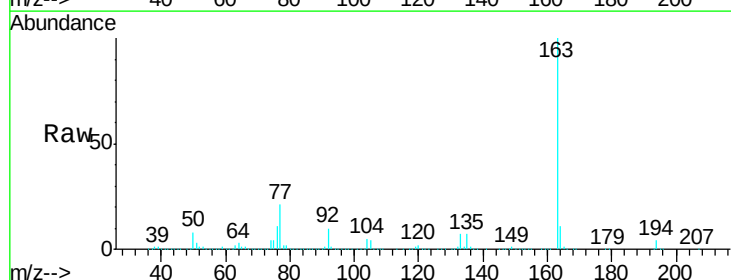
Tgt Ion:163 Resp: 2504536

Ion Ratio Lower Upper

163 100

194 4.5 3.4 5.0

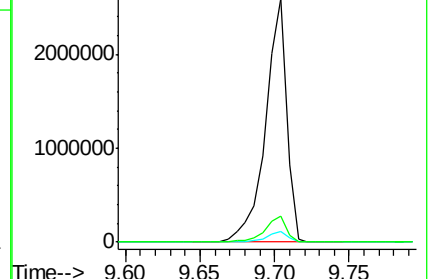
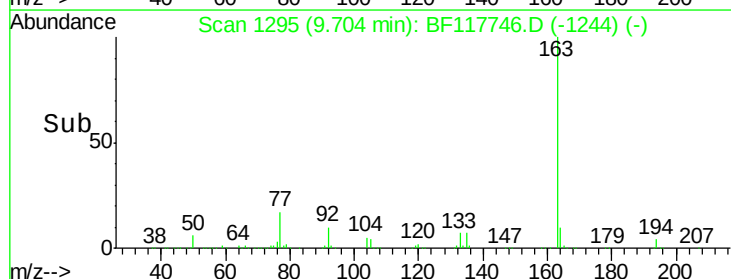
164 10.9 8.9 13.3

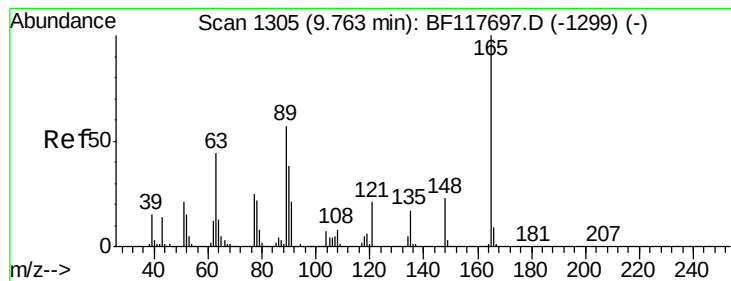


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 46.910 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.00 min

Lab File: BF117746.D

Acq: 8 Nov 2019 22:04

Instrument :

BNA_F

ClientSampleId :

3-CMSD

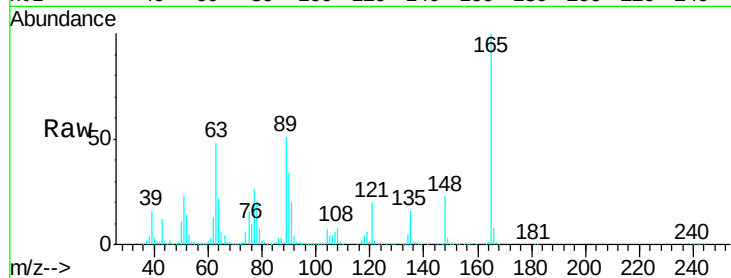
Tgt Ion:165 Resp: 533031

Ion Ratio Lower Upper

165 100

63 47.8 45.6 68.4

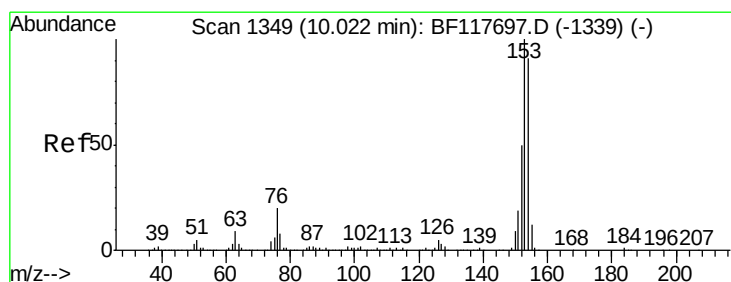
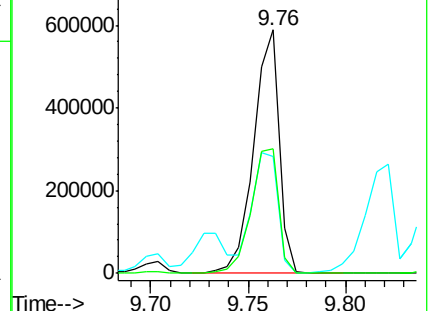
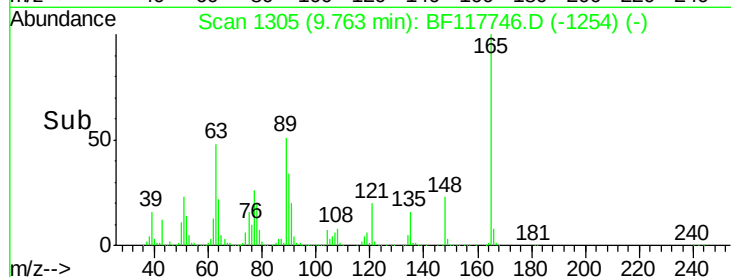
89 51.3 45.8 68.6



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: 45.982 ng

RT: 10.02 min Scan# 1348

Delta R.T. -0.01 min

Lab File: BF117746.D

Acq: 8 Nov 2019 22:04

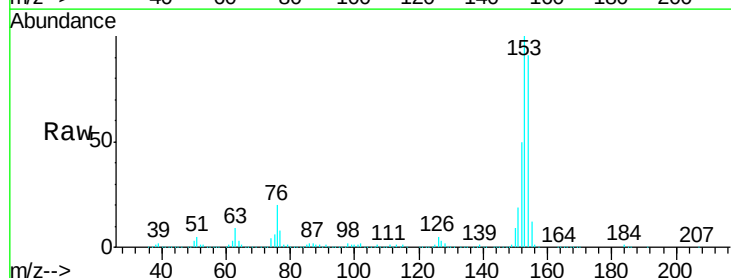
Tgt Ion:154 Resp: 1885098

Ion Ratio Lower Upper

154 100

153 110.1 87.8 131.6

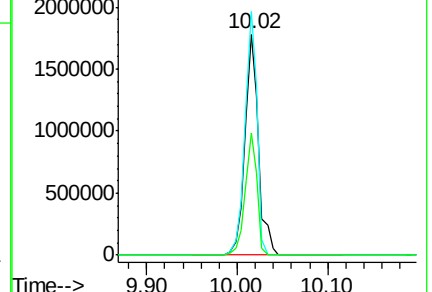
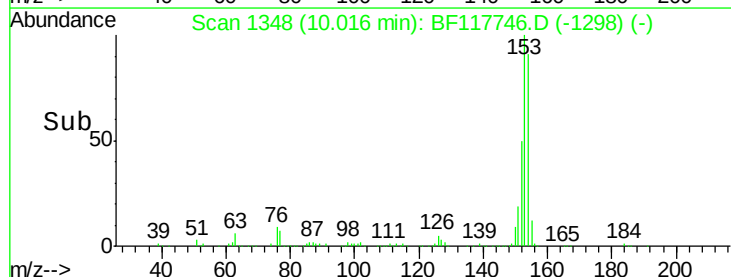
152 55.1 43.5 65.3

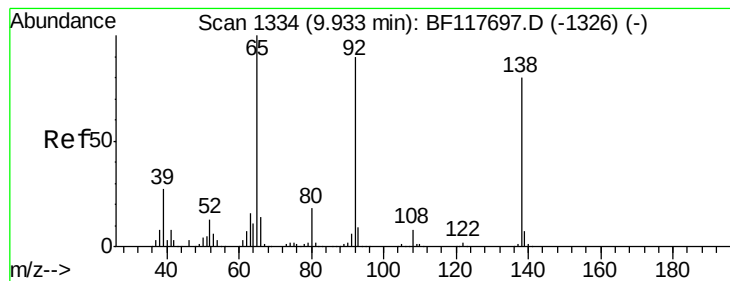


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 28.609 ng

RT: 9.93 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BF117746.D

Acq: 8 Nov 2019 22:04

Instrument :

BNA_F

ClientSampleId :

3-CMSD

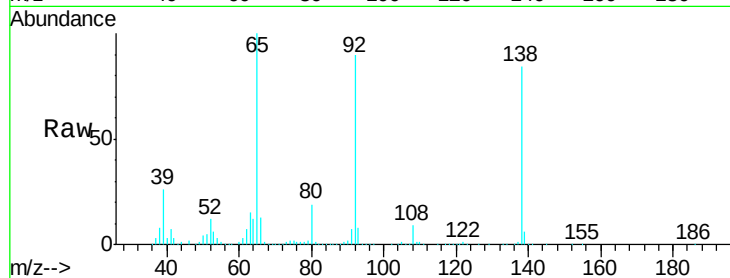
Tgt Ion:138 Resp: 392183

Ion Ratio Lower Upper

138 100

108 10.3 8.5 12.7

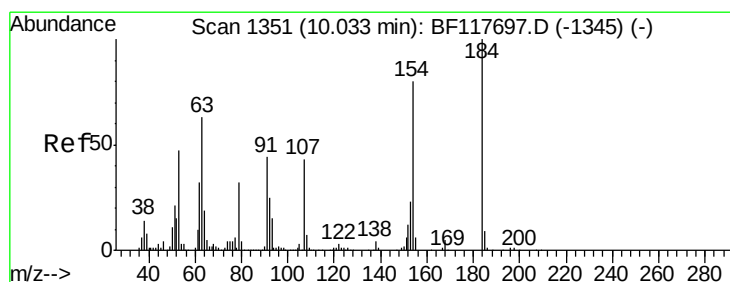
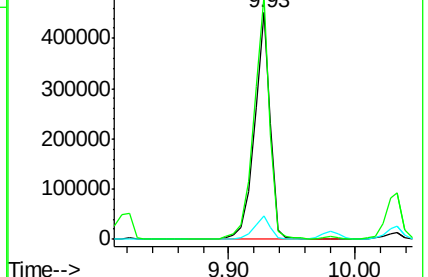
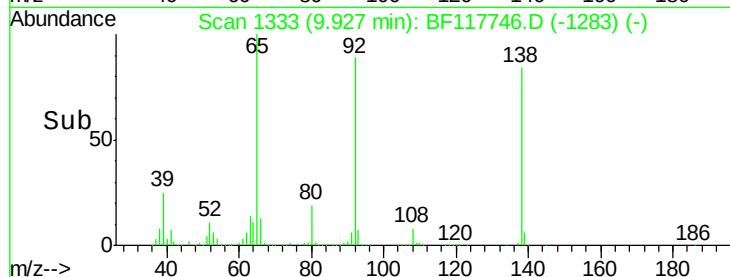
92 107.3 89.8 134.8



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: 83.383 ng

RT: 10.03 min Scan# 1351

Delta R.T. -0.00 min

Lab File: BF117746.D

Acq: 8 Nov 2019 22:04

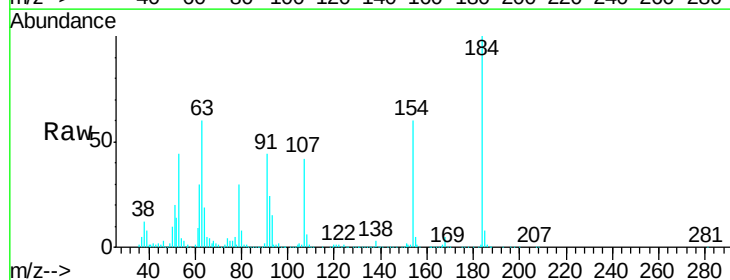
Tgt Ion:184 Resp: 324817

Ion Ratio Lower Upper

184 100

63 59.7 51.4 77.0

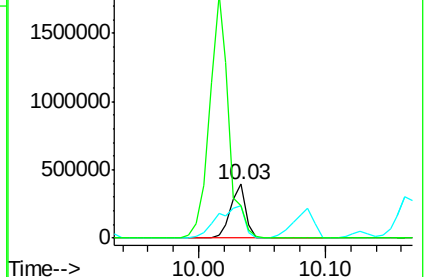
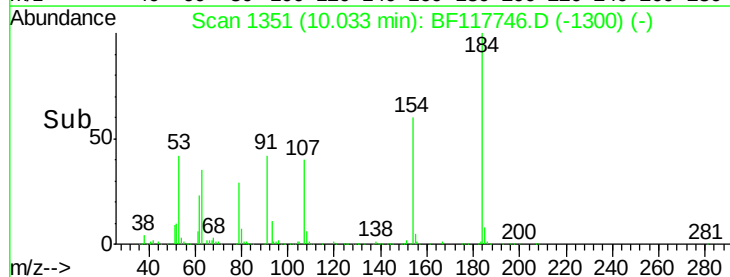
154 60.4 70.2 105.2#

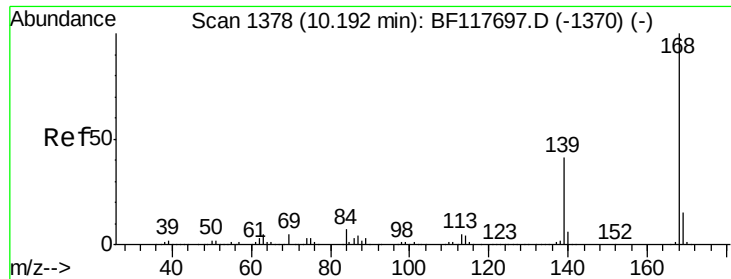


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

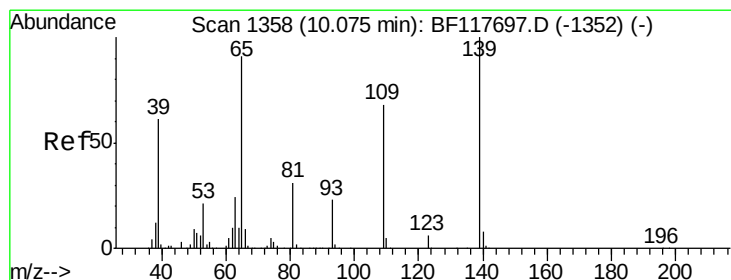
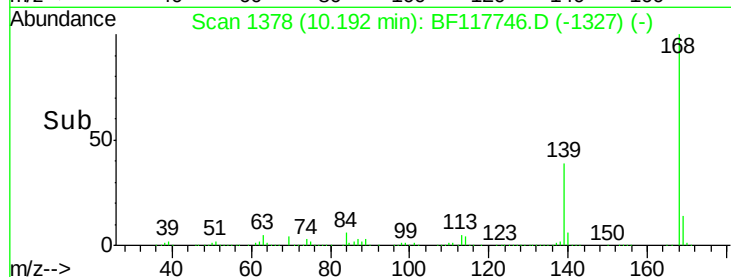
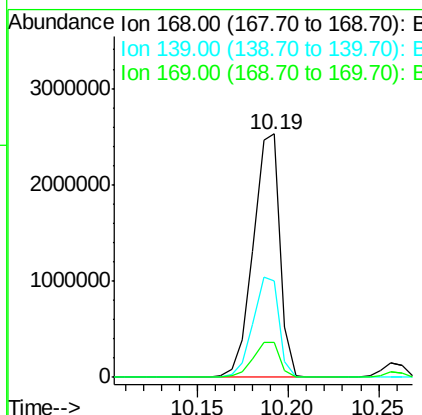
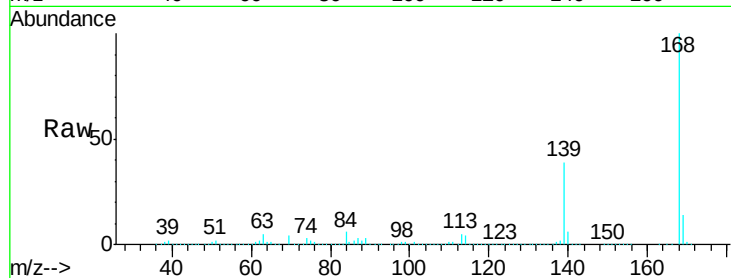




#55
Dibenzenofuran
Concen: 45.020 ng
RT: 10.19 min Scan# 1378
Delta R.T. -0.00 min
Lab File: BF117746.D
Acq: 8 Nov 2019 22:04

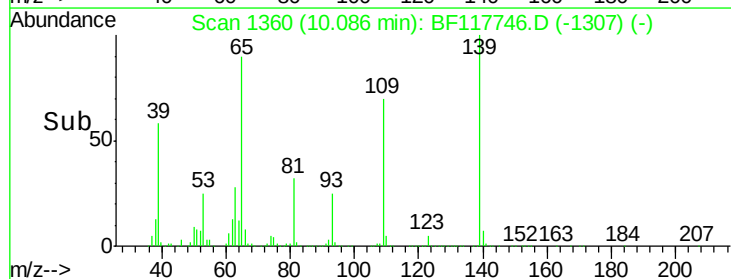
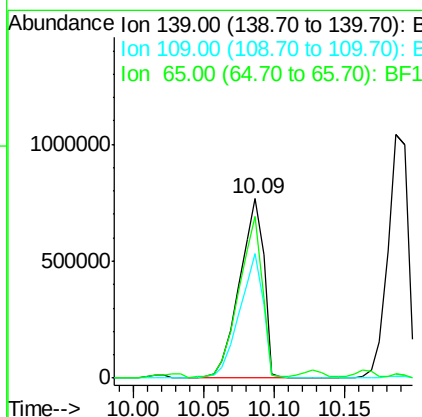
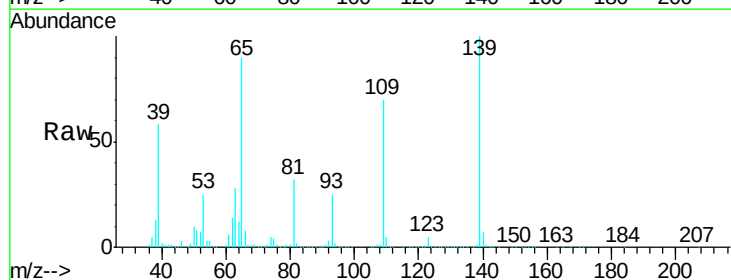
Instrument :
BNA_F
ClientSampleId :
3-CMSD

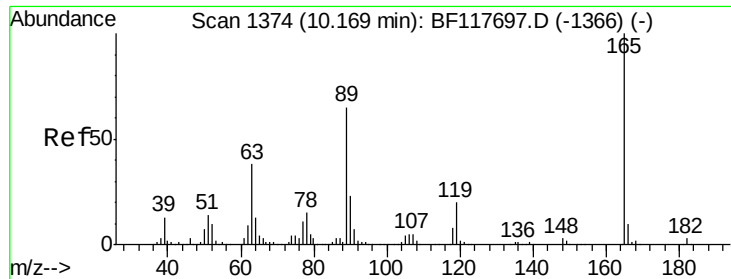
Tgt Ion:168 Resp: 2582602
Ion Ratio Lower Upper
168 100
139 39.4 33.2 49.8
169 14.2 11.7 17.5



#56
4-Nitrophenol
Concen: 89.351 ng
RT: 10.09 min Scan# 1360
Delta R.T. 0.01 min
Lab File: BF117746.D
Acq: 8 Nov 2019 22:04

Tgt Ion:139 Resp: 921170
Ion Ratio Lower Upper
139 100
109 69.7 47.7 87.7
65 90.0 71.9 111.9

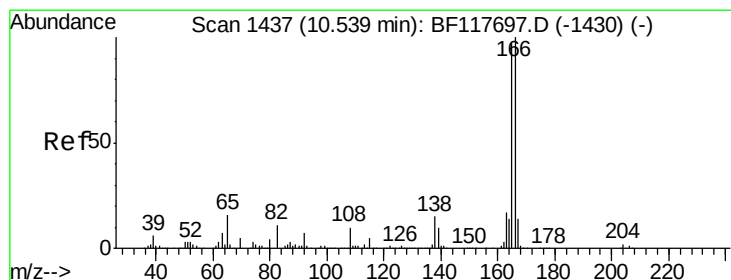
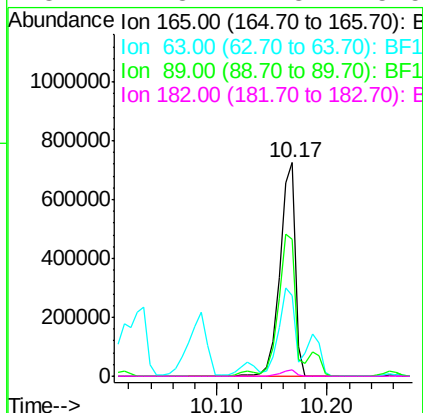
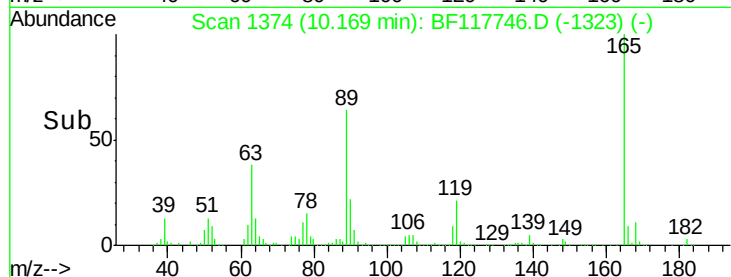
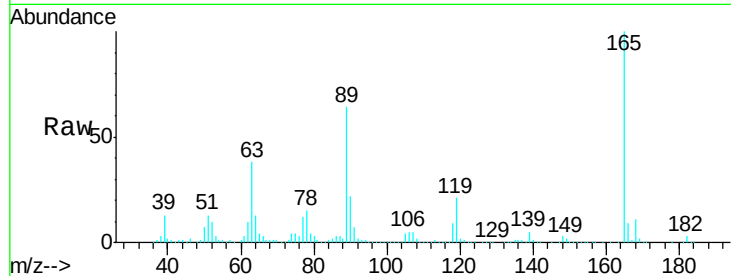




#57
 2,4-Dinitrotoluene
 Concen: 48.428 ng
 RT: 10.17 min Scan# 1374
 Delta R.T. -0.00 min
 Lab File: BF117746.D
 Acq: 8 Nov 2019 22:04

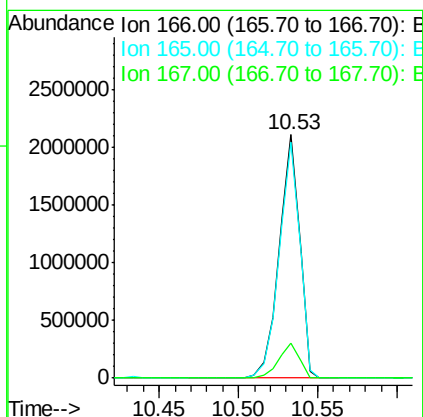
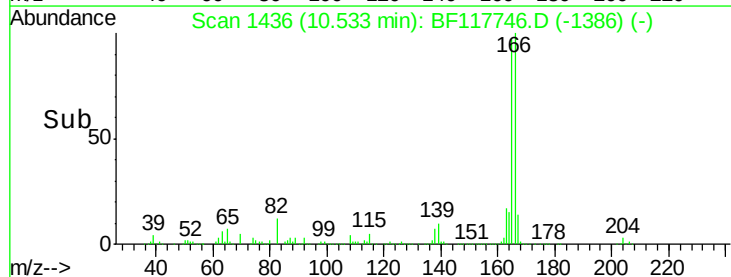
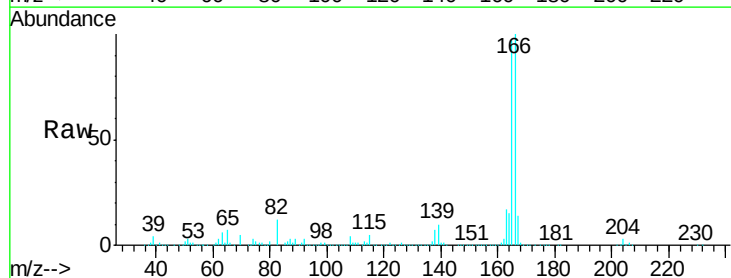
Instrument :
 BNA_F
 ClientSampleId :
 3-CMSD

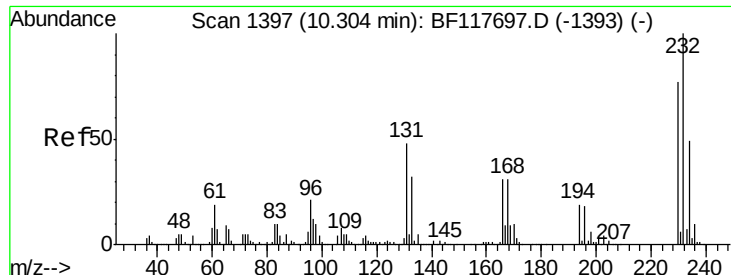
Tgt Ion:	165	Resp:	705897
Ion	Ratio	Lower	Upper
165	100		
63	37.7	30.4	45.6
89	64.3	52.2	78.4
182	2.8	2.3	3.5



#58
 Fluorene
 Concen: 44.745 ng
 RT: 10.53 min Scan# 1436
 Delta R.T. -0.01 min
 Lab File: BF117746.D
 Acq: 8 Nov 2019 22:04

Tgt Ion:	166	Resp:	1891804
Ion	Ratio	Lower	Upper
166	100		
165	96.9	77.4	116.0
167	14.5	11.0	16.4

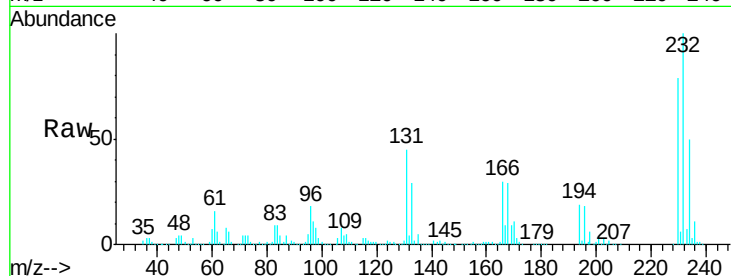




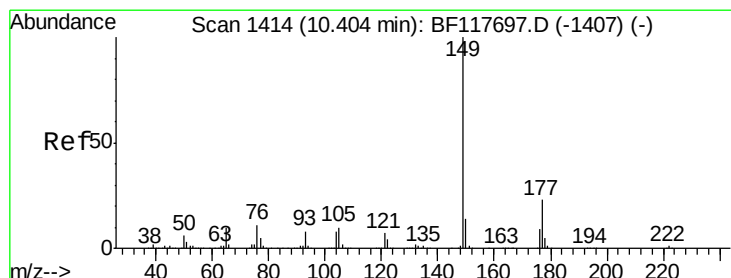
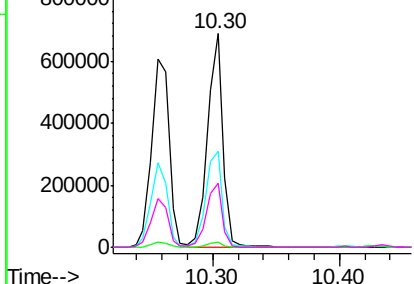
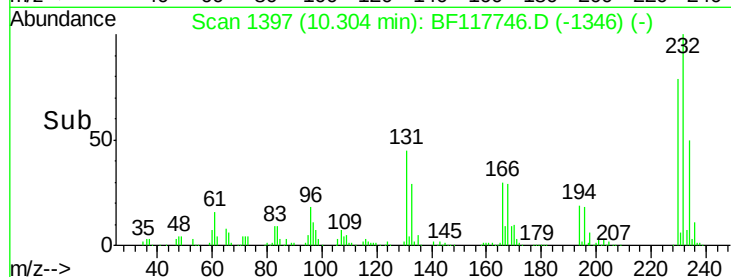
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.168 ng
 RT: 10.30 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: BF117746.D
 Acq: 8 Nov 2019 22:04

Instrument :
 BNA_F
 ClientSampleId :
 3-CMSD

Tgt Ion: 232 Resp: 581802
 Ion Ratio Lower Upper
 232 100
 131 47.1 37.8 56.8
 130 2.4 1.9 2.9
 166 30.8 24.6 36.8

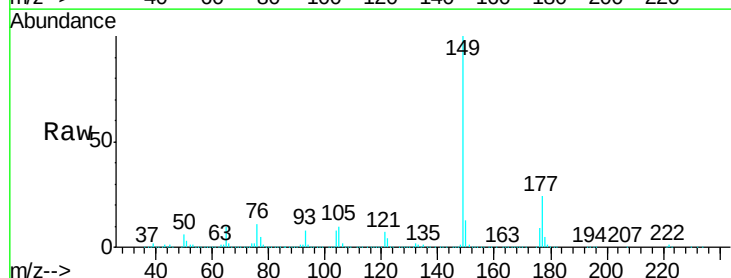


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

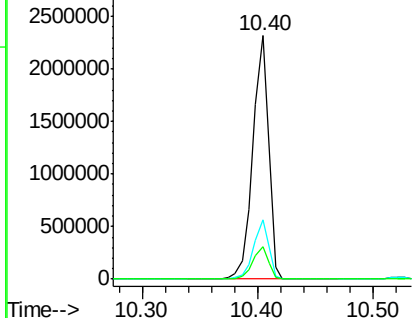
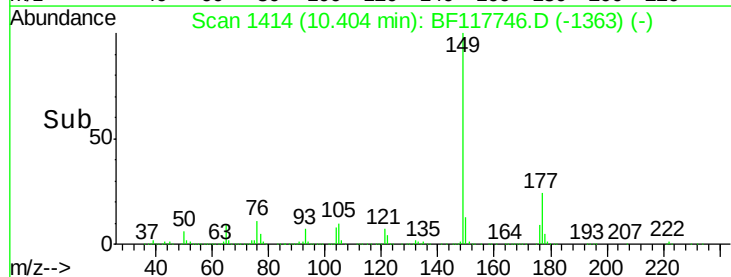


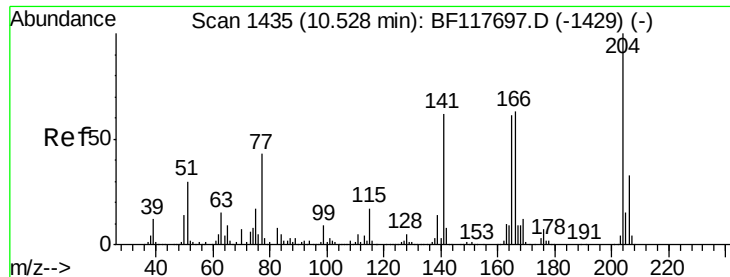
#60
 Diethylphthalate
 Concen: 43.991 ng
 RT: 10.40 min Scan# 1414
 Delta R.T. -0.00 min
 Lab File: BF117746.D
 Acq: 8 Nov 2019 22:04

Tgt Ion: 149 Resp: 2195346
 Ion Ratio Lower Upper
 149 100
 177 24.2 18.8 28.2
 150 13.5 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

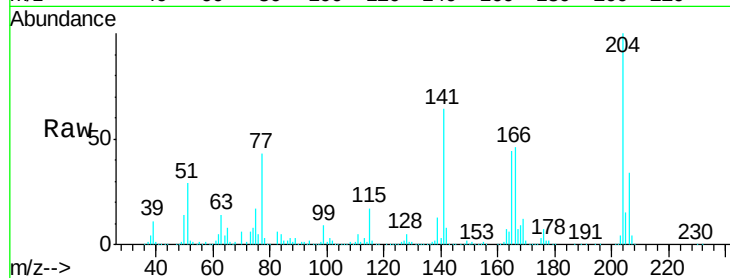




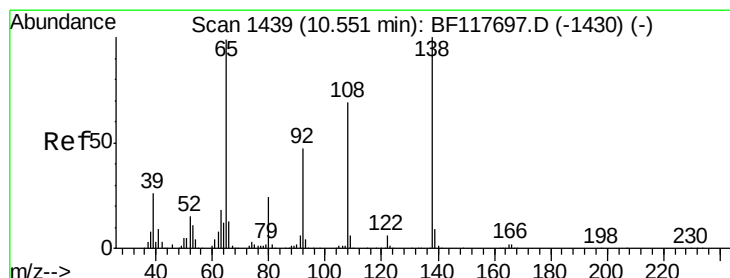
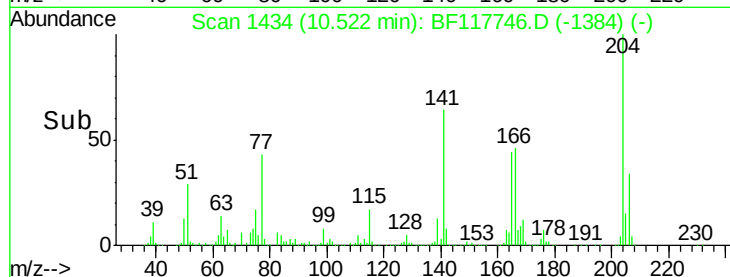
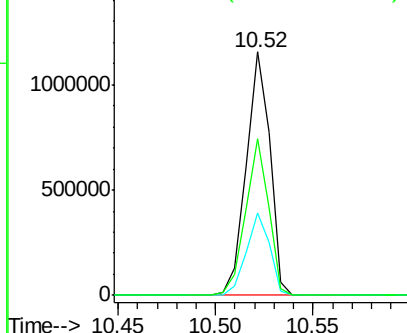
#61
4-Chlorophenyl-phenylether
Concen: 44.064 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF117746.D
Acq: 8 Nov 2019 22:04

Instrument :
BNA_F
ClientSampleId :
3-CMSD

Tgt Ion: 204 Resp: 969800
Ion Ratio Lower Upper
204 100
206 33.6 26.2 39.4
141 64.2 49.7 74.5

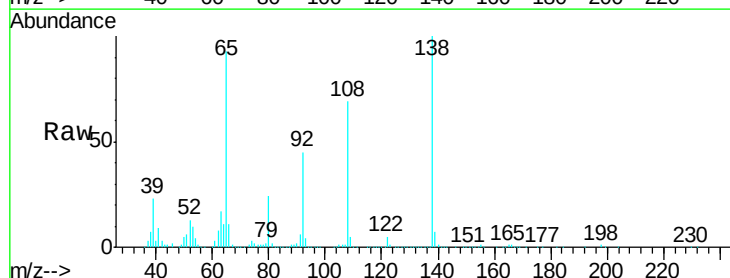


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

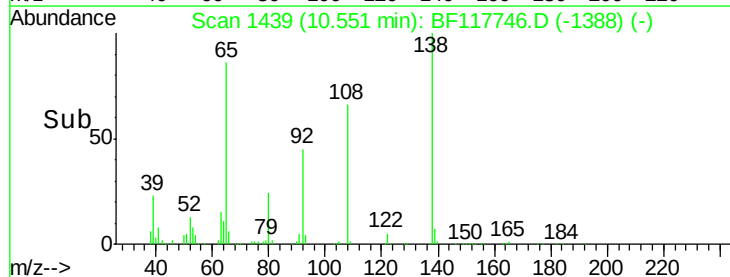
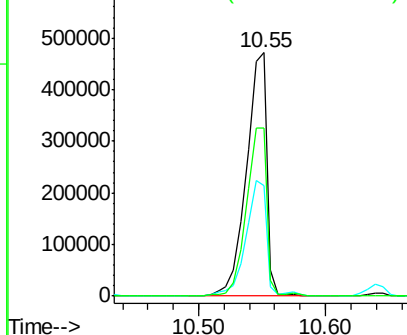


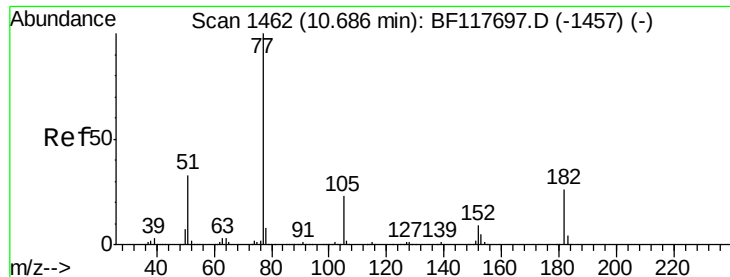
#62
4-Nitroaniline
Concen: 39.435 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.00 min
Lab File: BF117746.D
Acq: 8 Nov 2019 22:04

Tgt Ion: 138 Resp: 532081
Ion Ratio Lower Upper
138 100
92 45.2 26.9 66.9
108 68.9 49.1 89.1



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





#63

Azobenzene

Concen: 43.831 ng

RT: 10.69 min Scan# 1462

Delta R.T. -0.00 min

Lab File: BF117746.D

Acq: 8 Nov 2019 22:04

Instrument :

BNA_F

ClientSampleId :

3-CMSD

Tgt Ion: 77 Resp: 2071709

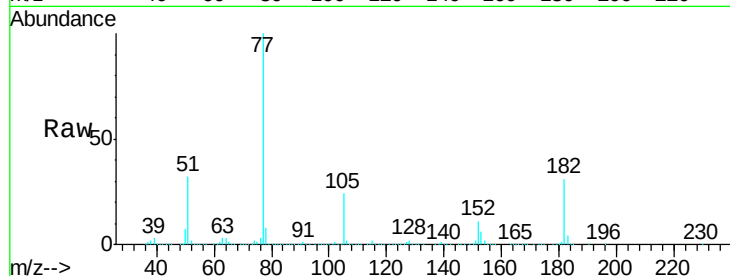
Ion Ratio Lower Upper

77 100

182 30.9 6.0 46.0

105 24.1 2.8 42.8

51 31.5 13.0 53.0

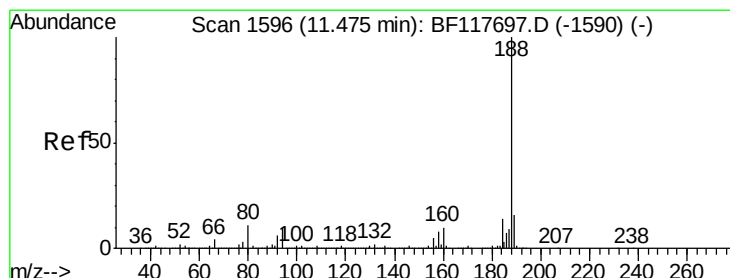
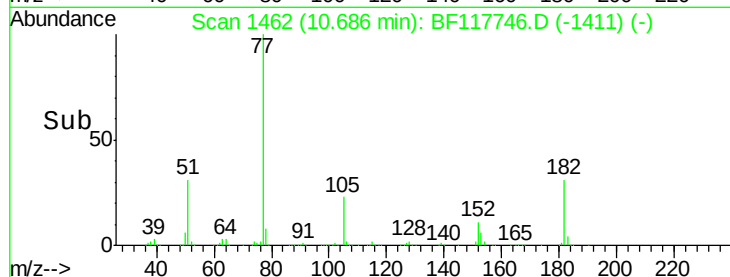
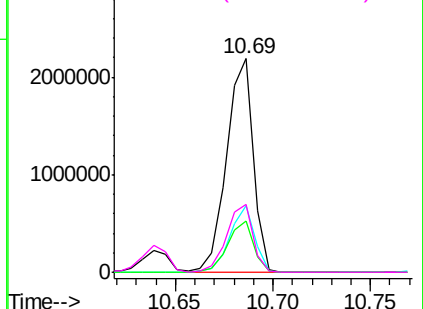


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.47 min Scan# 1596

Delta R.T. -0.00 min

Lab File: BF117746.D

Acq: 8 Nov 2019 22:04

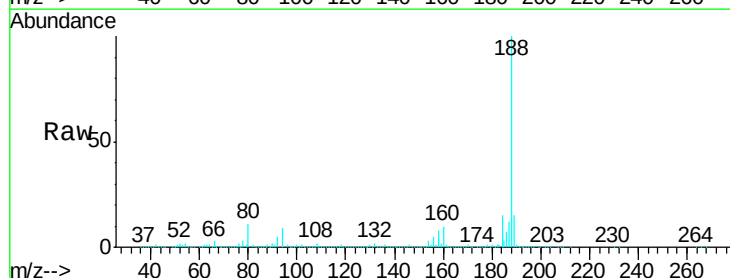
Tgt Ion: 188 Resp: 1388088

Ion Ratio Lower Upper

188 100

94 8.9 8.2 12.4

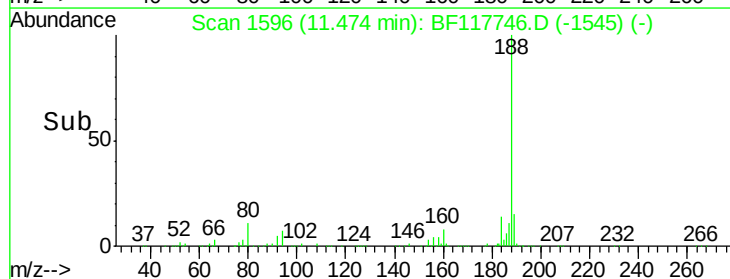
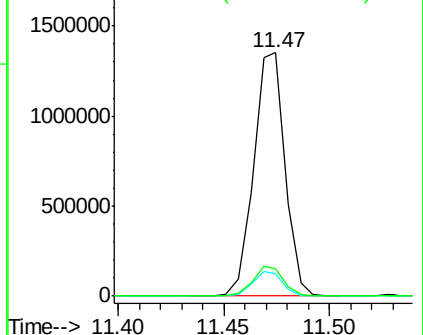
80 11.0 8.6 13.0

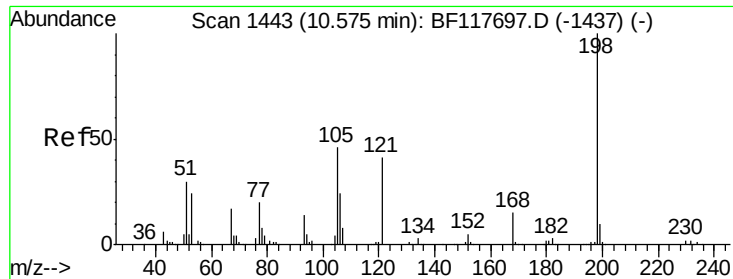


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 45.853 ng

RT: 10.57 min Scan# 1443

Delta R.T. -0.00 min

Lab File: BF117746.D

Acq: 8 Nov 2019 22:04

Instrument :

BNA_F

ClientSampled :

3-CMSD

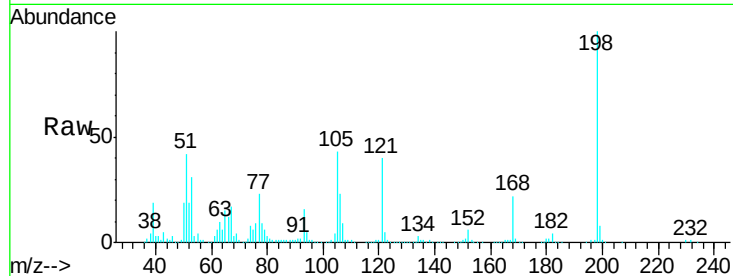
Tgt Ion:198 Resp: 254152

Ion Ratio Lower Upper

198 100

51 42.4 28.1 68.1

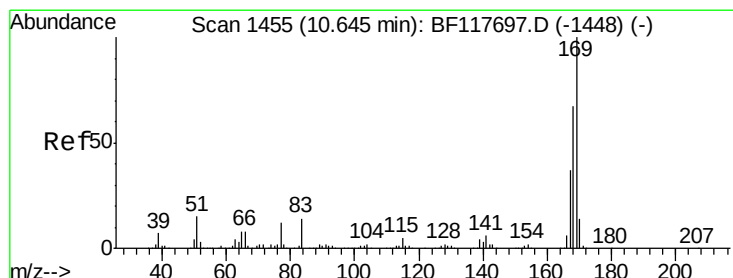
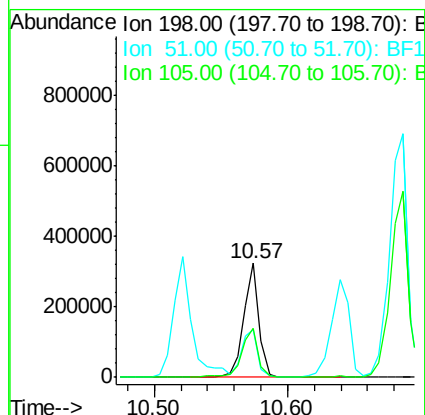
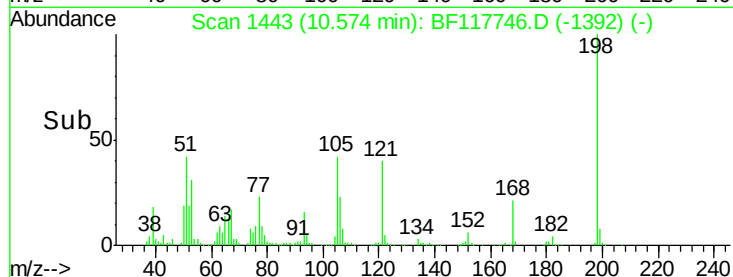
105 42.7 27.3 67.3



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: 43.913 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BF117746.D

Acq: 8 Nov 2019 22:04

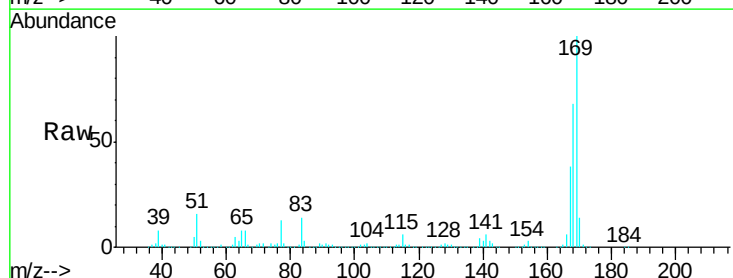
Tgt Ion:169 Resp: 1800332

Ion Ratio Lower Upper

169 100

168 68.0 53.8 80.8

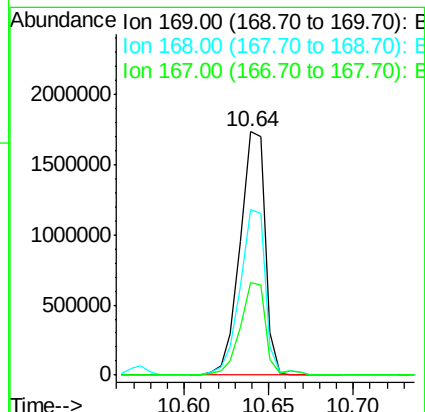
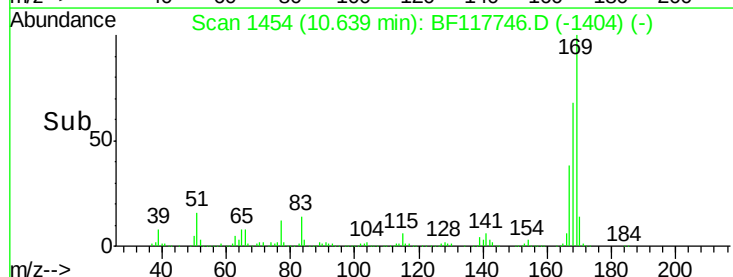
167 38.0 29.9 44.9

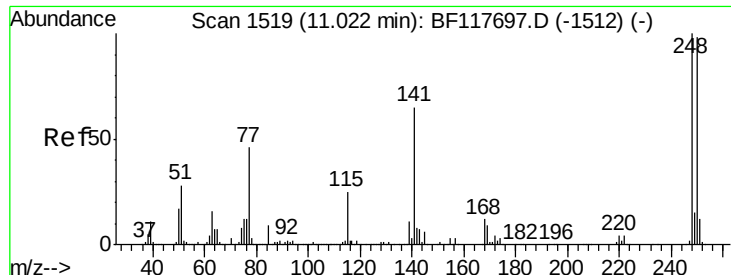


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

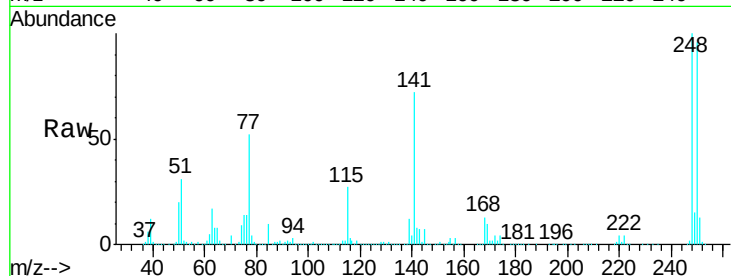




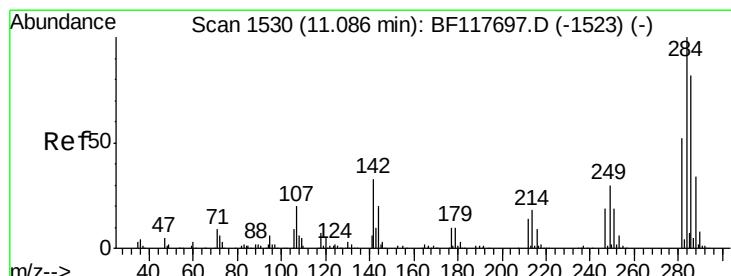
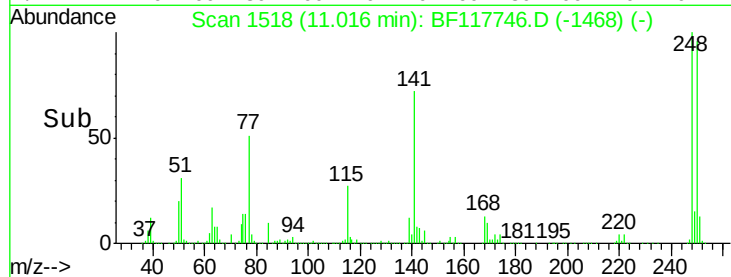
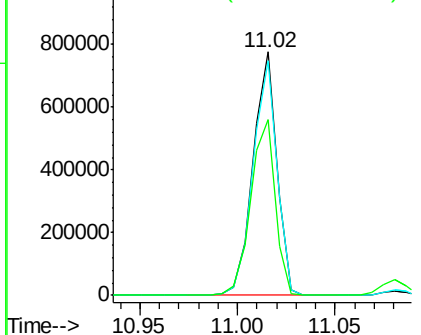
#67
 4-Bromophenyl-phenylether
 Concen: 43.185 ng
 RT: 11.02 min Scan# 1518
 Delta R.T. -0.01 min
 Lab File: BF117746.D
 Acq: 8 Nov 2019 22:04

Instrument :
 BNA_F
 ClientSampled :
 3-CMSD

Tgt Ion:248 Resp: 654661
 Ion Ratio Lower Upper
 248 100
 250 96.4 78.7 118.1
 141 72.0 51.8 77.8

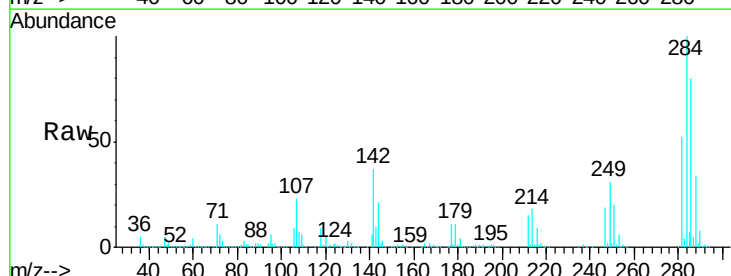


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

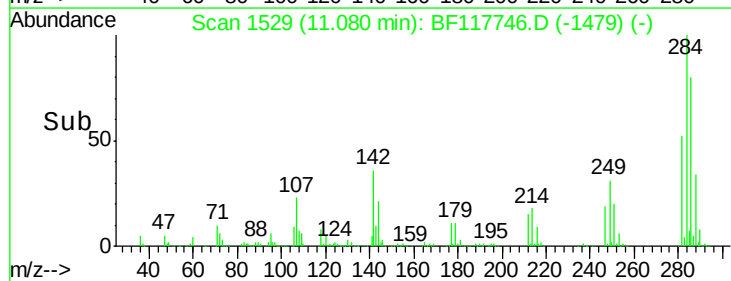
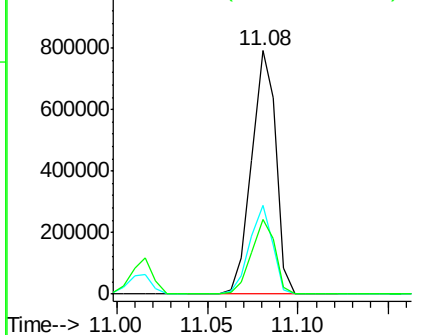


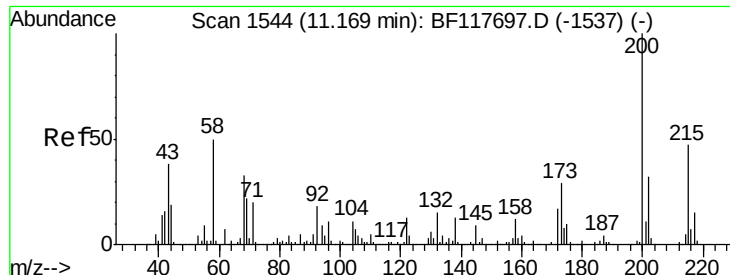
#68
 Hexachlorobenzene
 Concen: 42.059 ng
 RT: 11.08 min Scan# 1529
 Delta R.T. -0.01 min
 Lab File: BF117746.D
 Acq: 8 Nov 2019 22:04

Tgt Ion:284 Resp: 736560
 Ion Ratio Lower Upper
 284 100
 142 36.5 26.6 39.8
 249 30.7 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

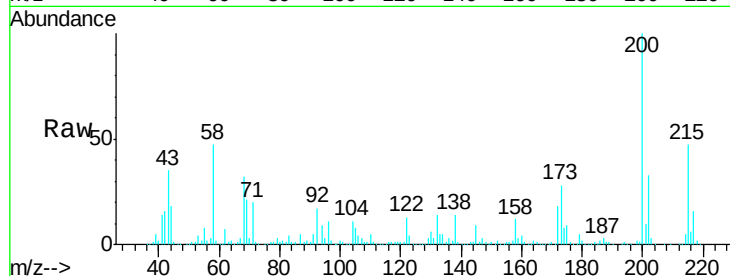




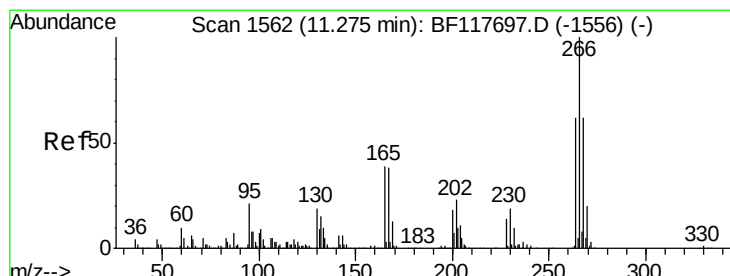
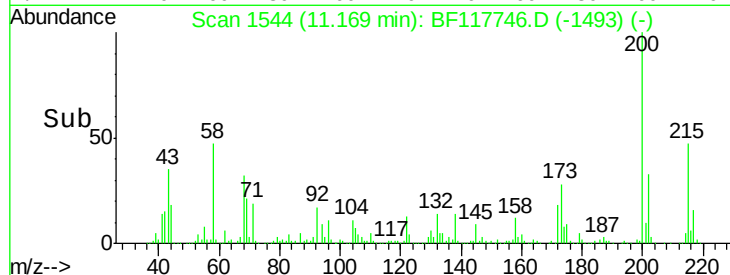
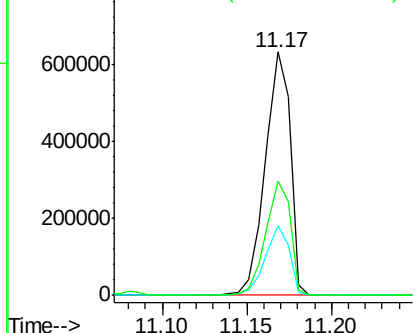
#69
 Atrazine
 Concen: 47.800 ng
 RT: 11.17 min Scan# 1544
 Delta R.T. -0.00 min
 Lab File: BF117746.D
 Acq: 8 Nov 2019 22:04

Instrument :
 BNA_F
 ClientSampleId :
 3-CMSD

Tgt Ion	Ratio	Lower	Upper
200	100		
173	28.3	8.5	48.5
215	46.7	27.4	67.4

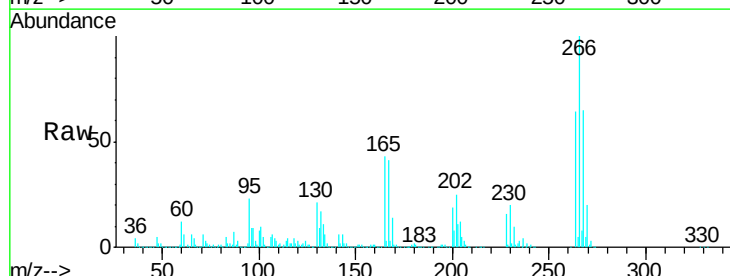


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

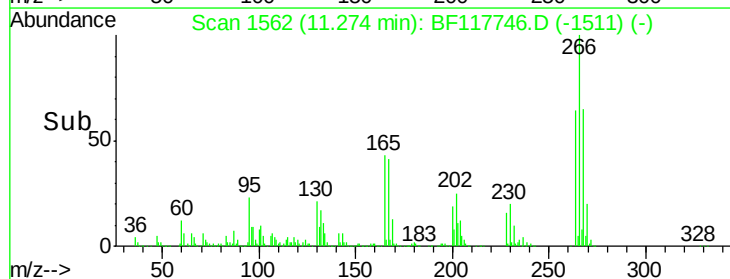
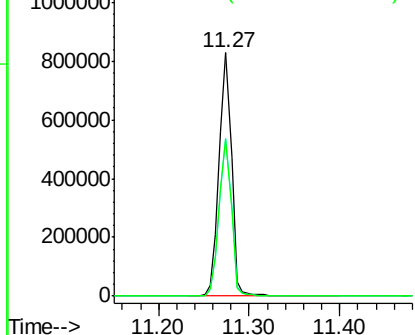


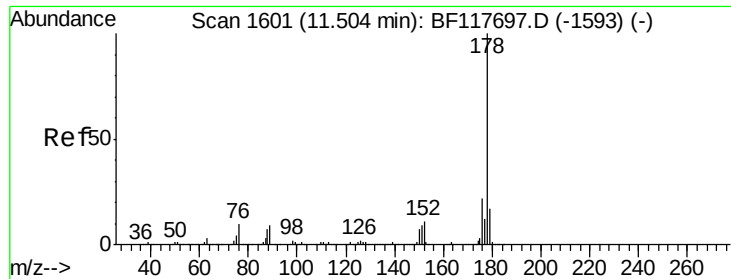
#70
 Pentachlorophenol
 Concen: 80.265 ng
 RT: 11.27 min Scan# 1562
 Delta R.T. -0.00 min
 Lab File: BF117746.D
 Acq: 8 Nov 2019 22:04

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.7	49.8	74.6
264	64.3	49.7	74.5



Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

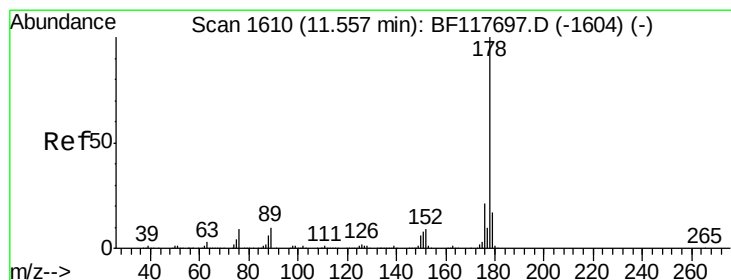
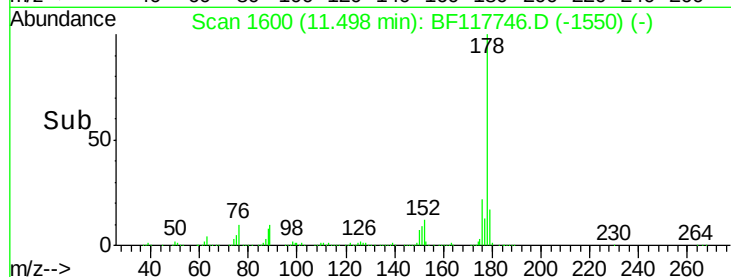
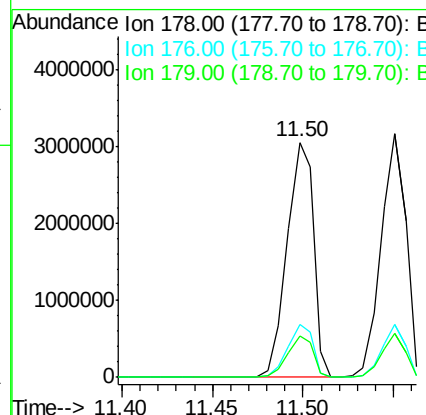
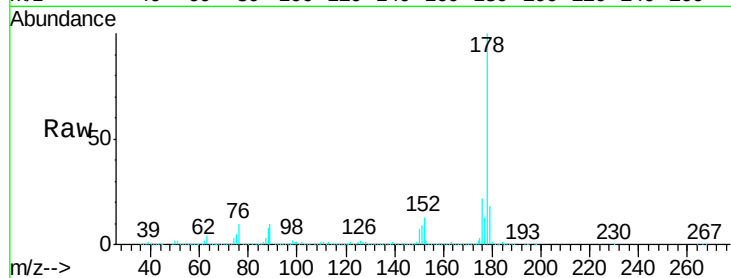




#71
Phenanthrene
Concen: 47.081 ng
RT: 11.50 min Scan# 1600
Delta R.T. -0.01 min
Lab File: BF117746.D
Acq: 8 Nov 2019 22:04

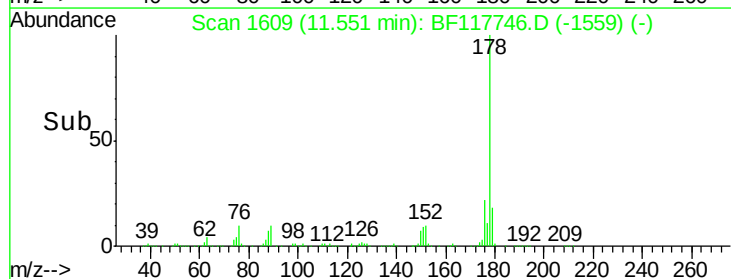
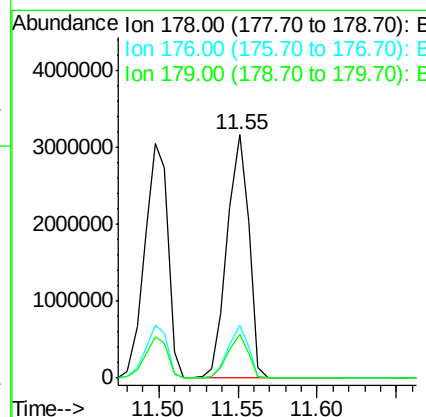
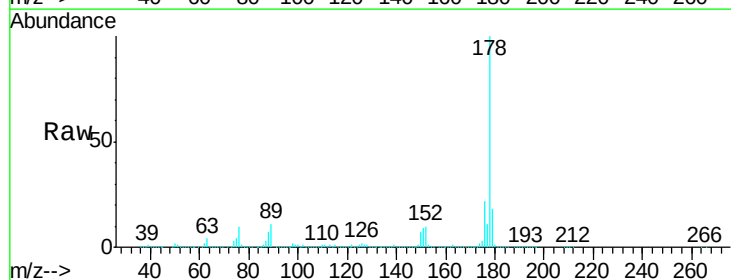
Instrument :
BNA_F
ClientSampleId :
3-CMSD

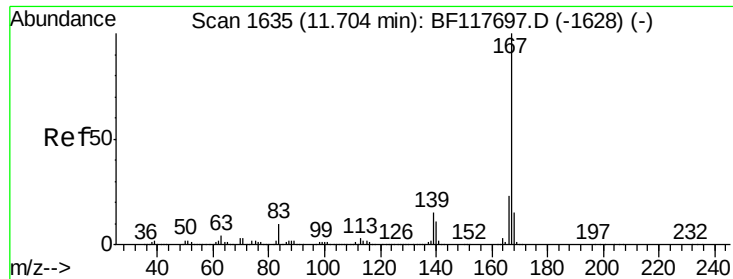
Tgt Ion:178 Resp: 3132491
Ion Ratio Lower Upper
178 100
176 22.4 17.7 26.5
179 17.7 13.8 20.8



#72
Anthracene
Concen: 45.706 ng
RT: 11.55 min Scan# 1609
Delta R.T. -0.01 min
Lab File: BF117746.D
Acq: 8 Nov 2019 22:04

Tgt Ion:178 Resp: 3025450
Ion Ratio Lower Upper
178 100
176 21.9 16.6 25.0
179 18.0 13.5 20.3

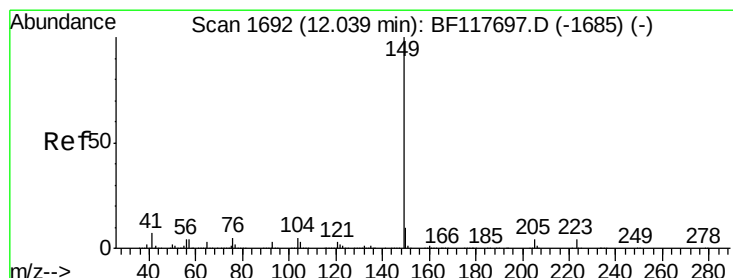
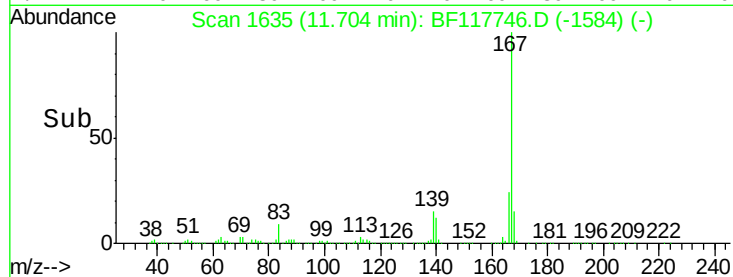
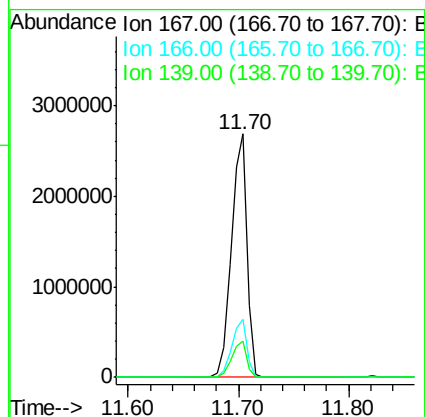
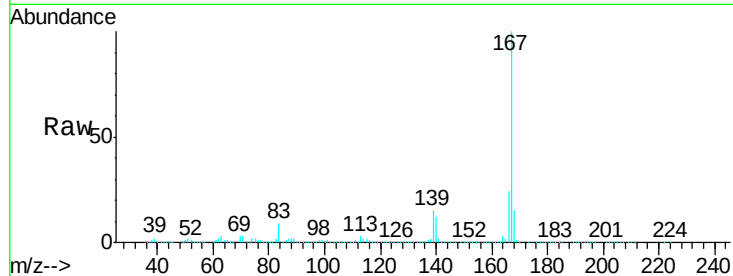




#73
 Carbazole
 Concen: 43.843 ng
 RT: 11.70 min Scan# 1635
 Delta R.T. -0.00 min
 Lab File: BF117746.D
 Acq: 8 Nov 2019 22:04

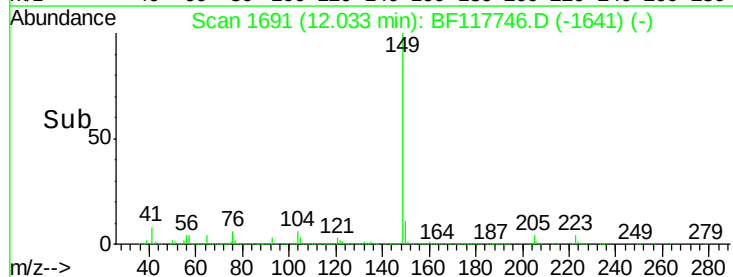
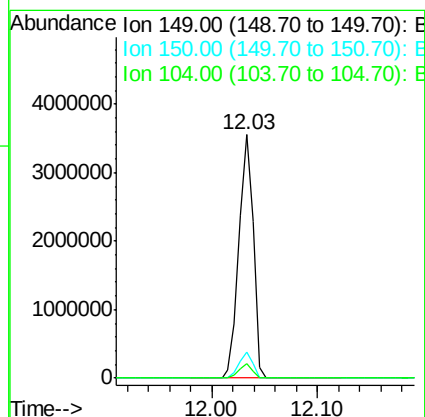
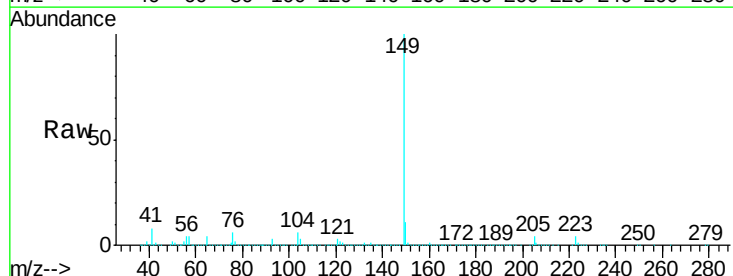
Instrument :
 BNA_F
 ClientSampleId :
 3-CMSD

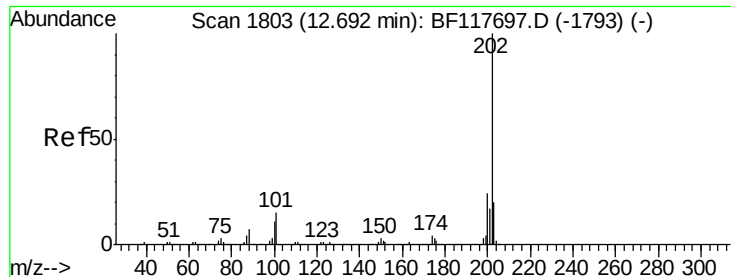
Tgt Ion:167 Resp: 2653007
 Ion Ratio Lower Upper
 167 100
 166 23.6 18.6 27.8
 139 14.9 11.9 17.9



#74
 Di-n-butylphthalate
 Concen: 44.658 ng
 RT: 12.03 min Scan# 1691
 Delta R.T. -0.01 min
 Lab File: BF117746.D
 Acq: 8 Nov 2019 22:04

Tgt Ion:149 Resp: 3285911
 Ion Ratio Lower Upper
 149 100
 150 10.7 8.3 12.5
 104 5.9 4.2 6.4





#75

Fluoranthene

Concen: 53.576 ng

RT: 12.69 min Scan# 1803

Delta R.T. -0.00 min

Lab File: BF117746.D

Acq: 8 Nov 2019 22:04

Instrument :

BNA_F

ClientSampleId :

3-CMSD

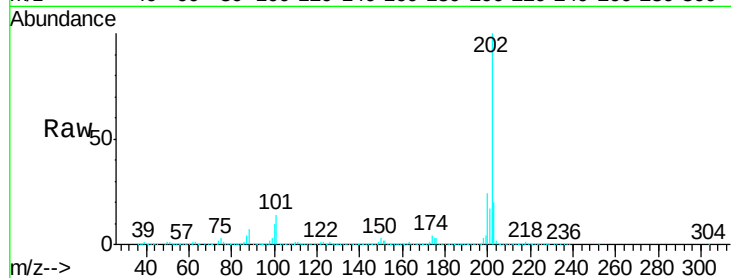
Tgt Ion:202 Resp: 3639769

Ion Ratio Lower Upper

202 100

101 13.5 0.0 34.5

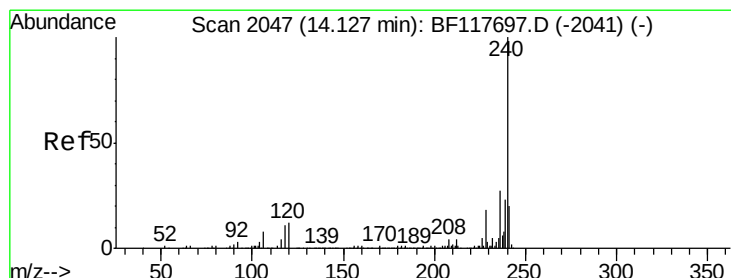
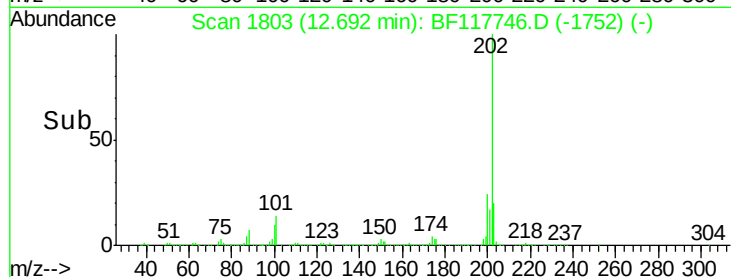
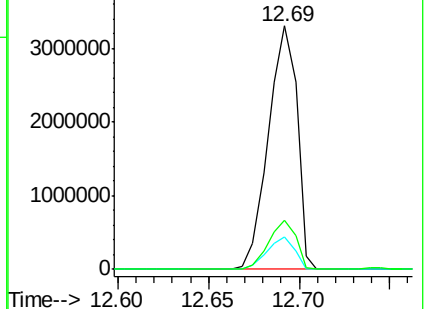
203 20.2 0.0 39.8



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: BF117746.D

Acq: 8 Nov 2019 22:04

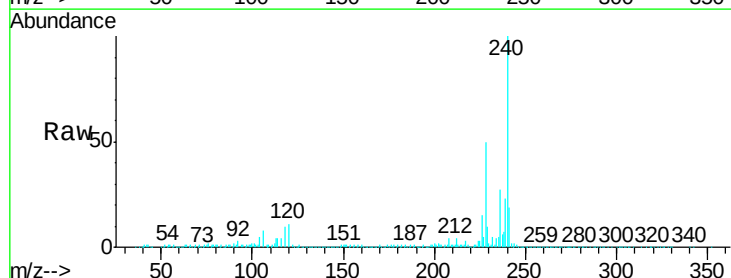
Tgt Ion:240 Resp: 713659

Ion Ratio Lower Upper

240 100

120 11.3 9.7 14.5

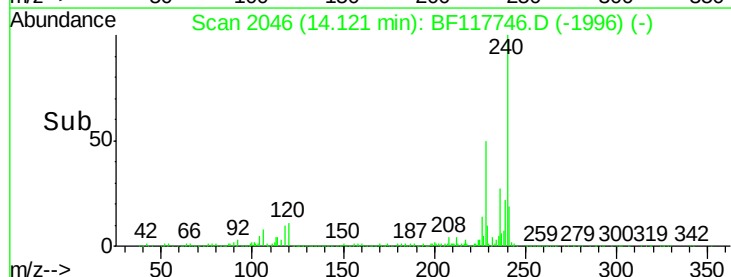
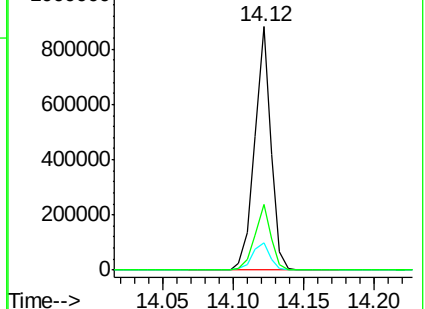
236 27.0 21.9 32.9

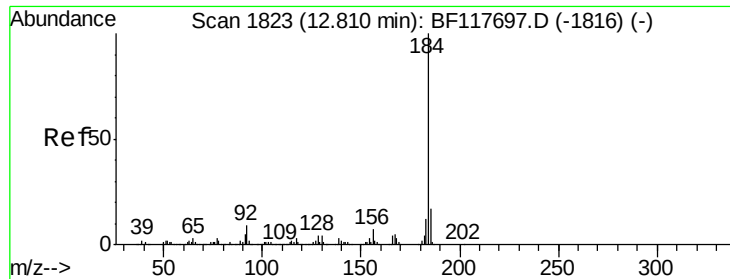


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

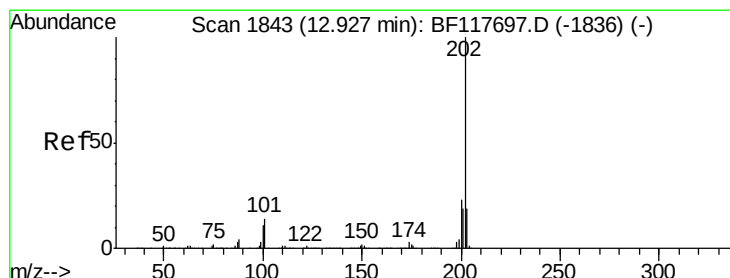
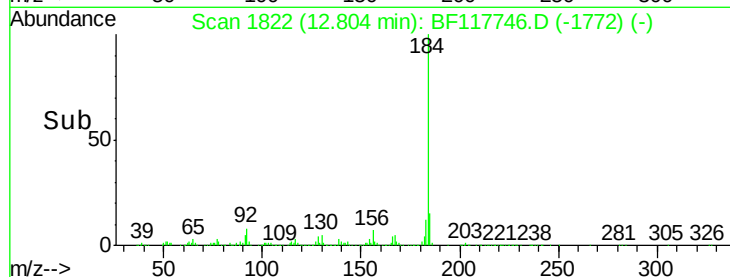
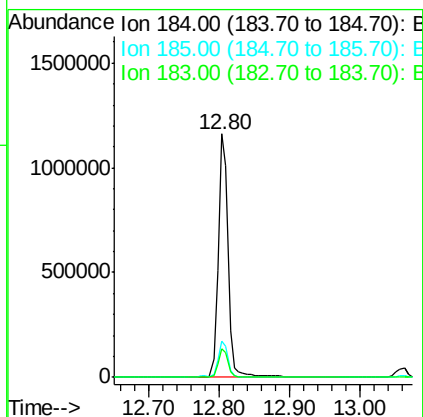
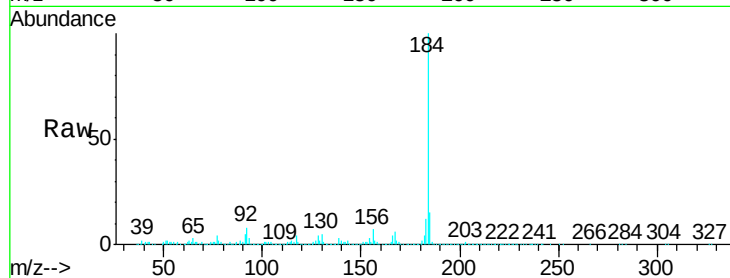




#77
Benzidine
Concen: 45.262 ng
RT: 12.80 min Scan# 1822
Delta R.T. -0.01 min
Lab File: BF117746.D
Acq: 8 Nov 2019 22:04

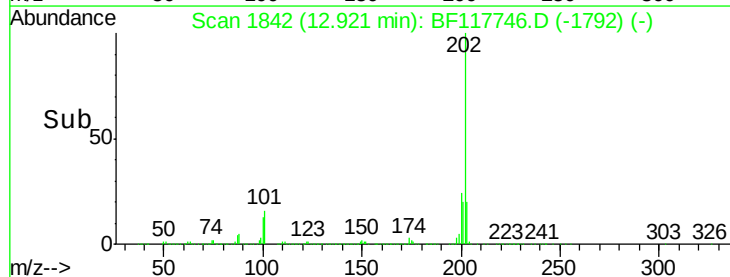
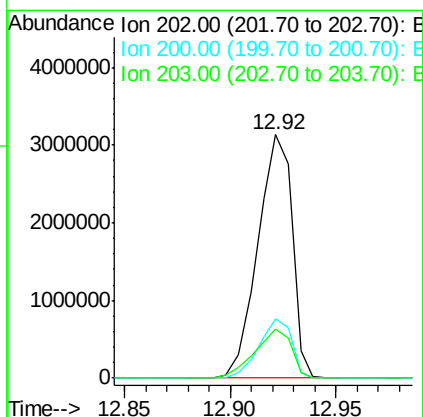
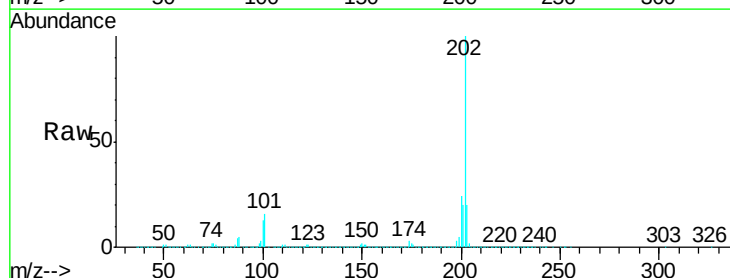
Instrument :
BNA_F
ClientSampleId :
3-CMSD

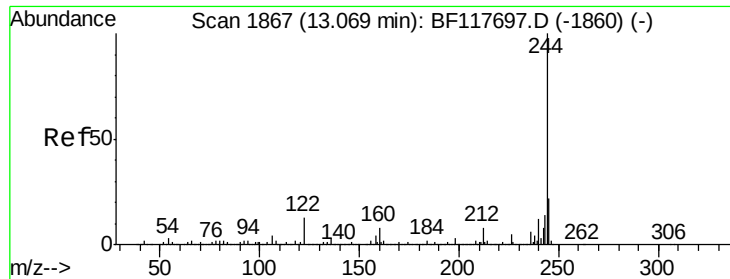
Tgt Ion:184 Resp: 1123019
Ion Ratio Lower Upper
184 100
185 14.9 13.3 19.9
183 11.7 9.6 14.4



#78
Pyrene
Concen: 67.945 ng
RT: 12.92 min Scan# 1842
Delta R.T. -0.01 min
Lab File: BF117746.D
Acq: 8 Nov 2019 22:04

Tgt Ion:202 Resp: 3539690
Ion Ratio Lower Upper
202 100
200 24.3 18.8 28.2
203 20.2 15.2 22.8





#79

Terphenyl-d14

Concen: 89.849 ng

RT: 13.06 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BF117746.D

Acq: 8 Nov 2019 22:04

Instrument :

BNA_F

ClientSampleId :

3-CMSD

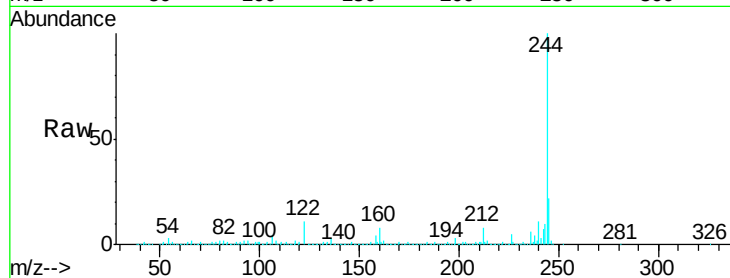
Tgt Ion:244 Resp: 3114834

Ion Ratio Lower Upper

244 100

212 7.6 6.4 9.6

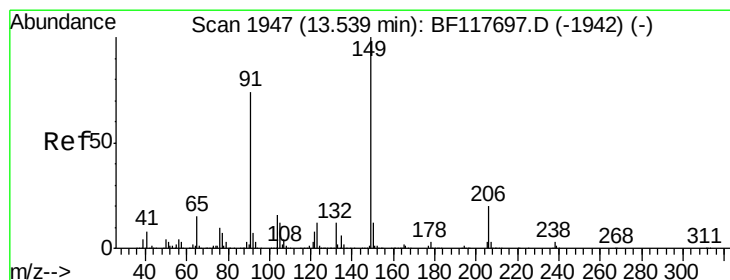
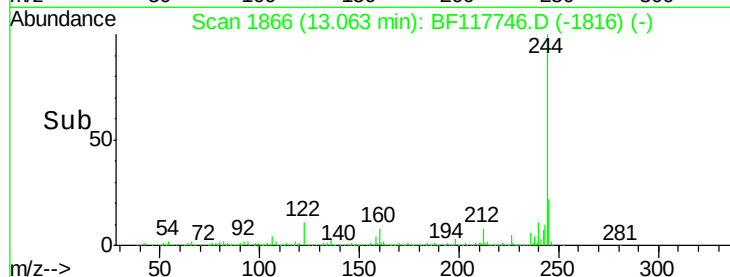
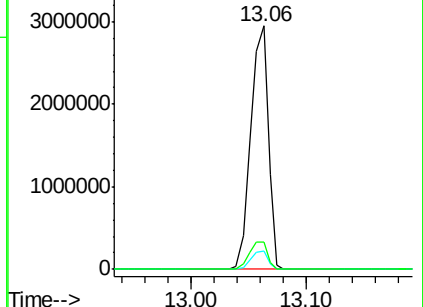
122 11.5 10.0 15.0



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: 54.893 ng

RT: 13.53 min Scan# 1946

Delta R.T. -0.01 min

Lab File: BF117746.D

Acq: 8 Nov 2019 22:04

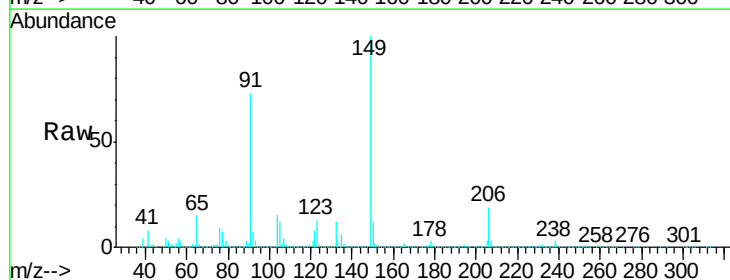
Tgt Ion:149 Resp: 1320902

Ion Ratio Lower Upper

149 100

91 72.5 59.1 88.7

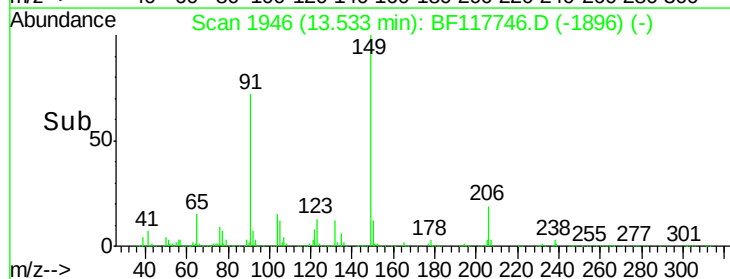
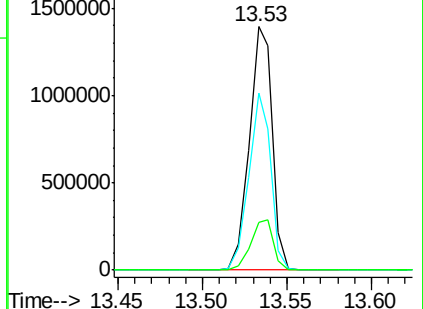
206 19.4 16.1 24.1

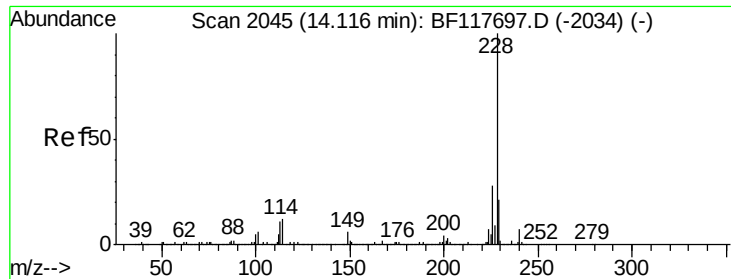


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 55.370 ng

RT: 14.11 min Scan# 2044

Delta R.T. -0.01 min

Lab File: BF117746.D

Acq: 8 Nov 2019 22:04

Instrument :

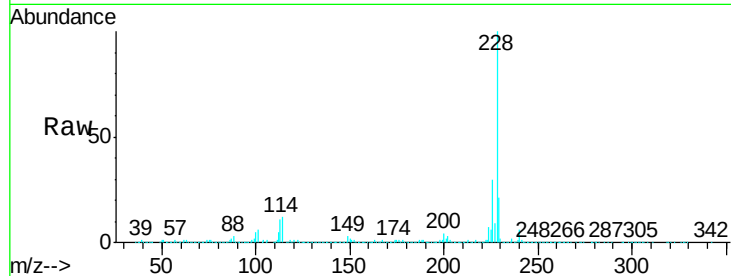
BNA_F

ClientSampleId :

3-CMSD

Tgt Ion:228 Resp: 2459656

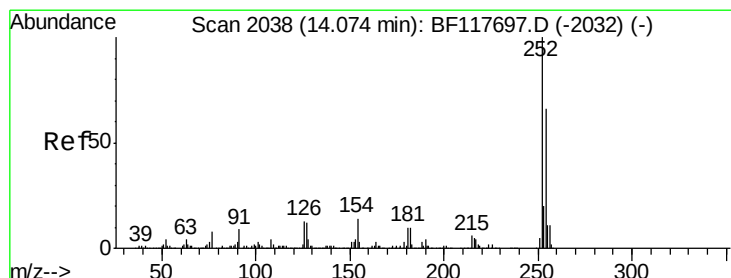
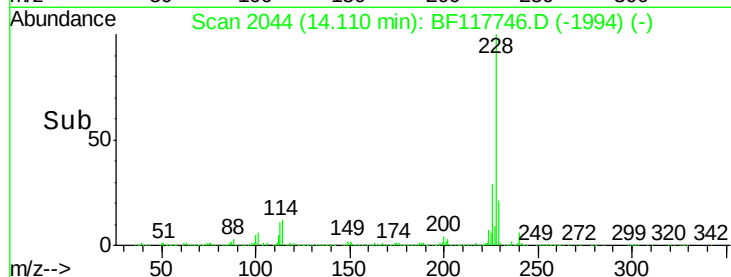
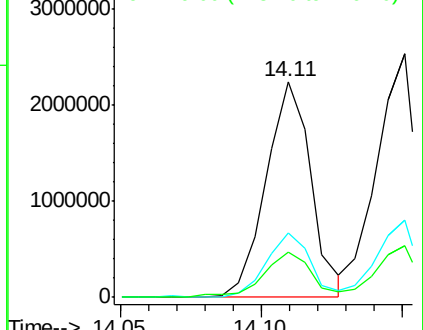
Ion	Ratio	Lower	Upper
228	100		
226	29.6	22.8	34.2
229	21.0	16.9	25.3



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: 40.385 ng

RT: 14.07 min Scan# 2037

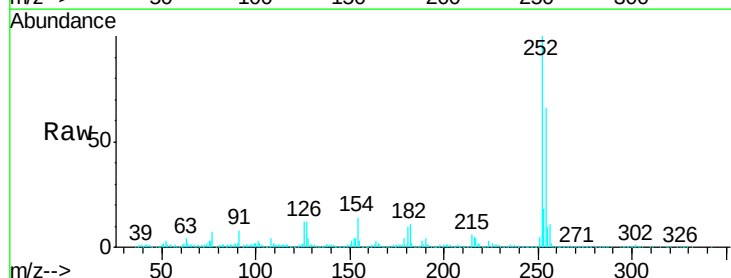
Delta R.T. -0.01 min

Lab File: BF117746.D

Acq: 8 Nov 2019 22:04

Tgt Ion:252 Resp: 670019

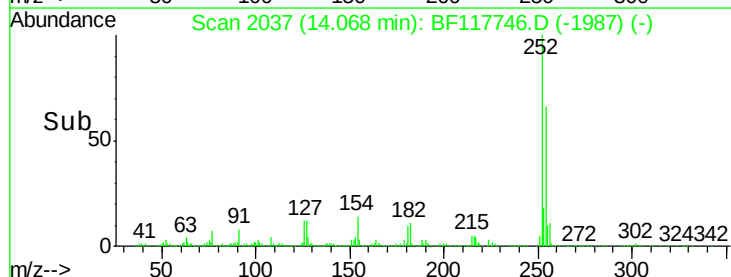
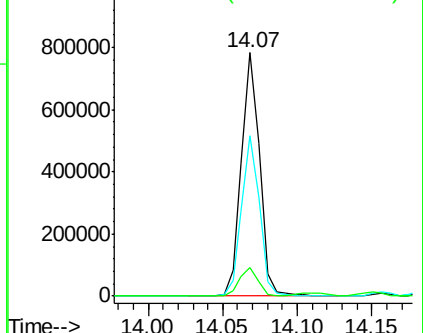
Ion	Ratio	Lower	Upper
252	100		
254	65.7	53.1	79.7
126	12.0	10.3	15.5

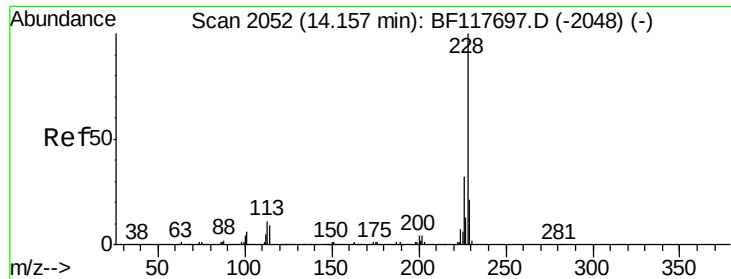


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

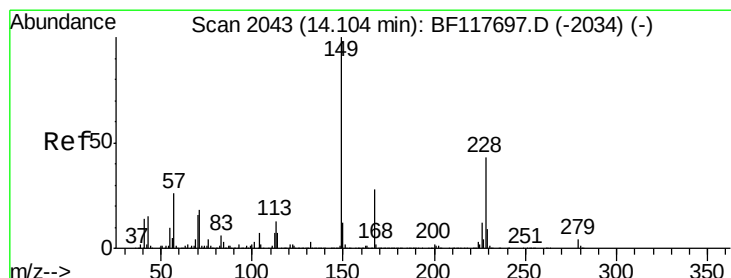
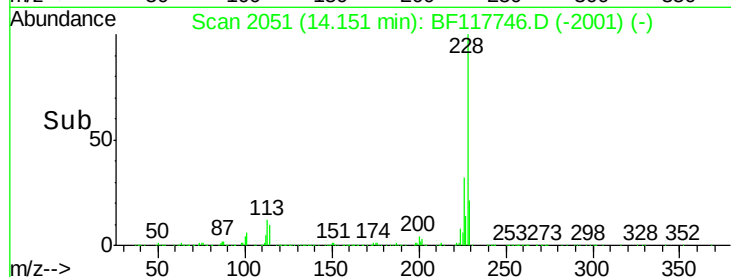
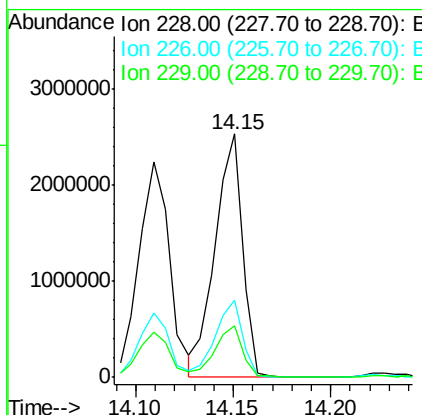
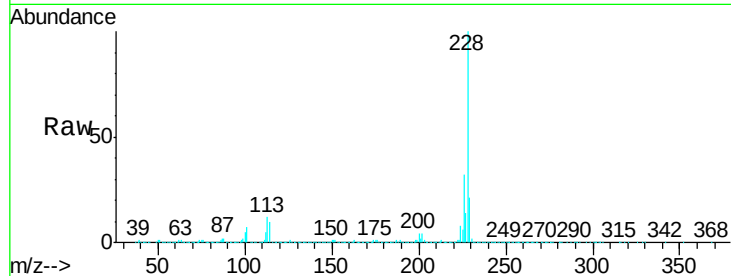




#83
 Chrysene
 Concen: 56.188 ng
 RT: 14.15 min Scan# 2051
 Delta R.T. -0.01 min
 Lab File: BF117746.D
 Acq: 8 Nov 2019 22:04

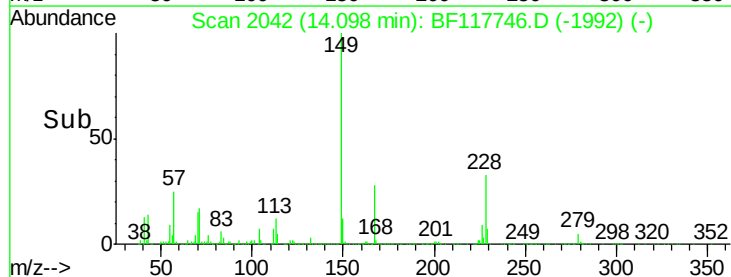
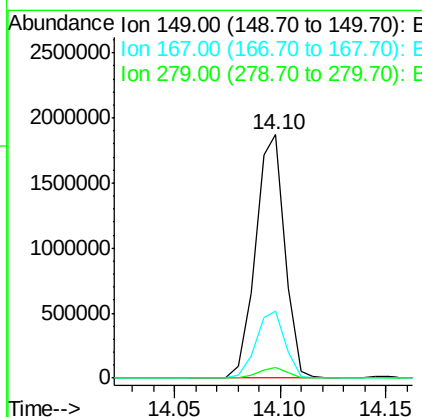
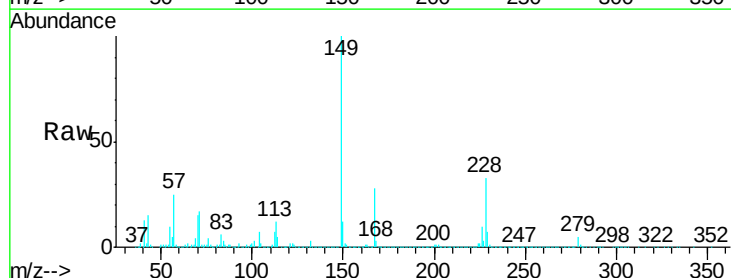
Instrument :
 BNA_F
 ClientSampleId :
 3-CMSD

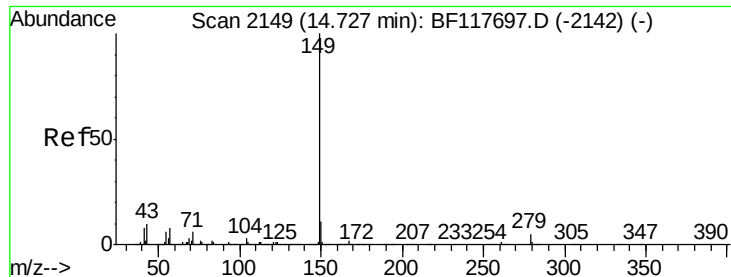
Tgt Ion:228 Resp: 2464923
 Ion Ratio Lower Upper
 228 100
 226 31.9 25.4 38.2
 229 21.1 16.6 24.8



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 57.665 ng
 RT: 14.10 min Scan# 2042
 Delta R.T. -0.01 min
 Lab File: BF117746.D
 Acq: 8 Nov 2019 22:04

Tgt Ion:149 Resp: 1789931
 Ion Ratio Lower Upper
 149 100
 167 27.7 22.2 33.2
 279 4.6 3.4 5.2

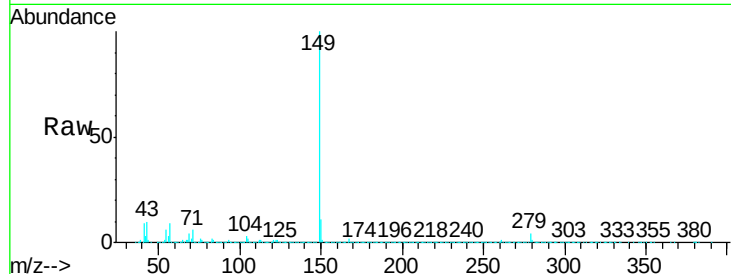




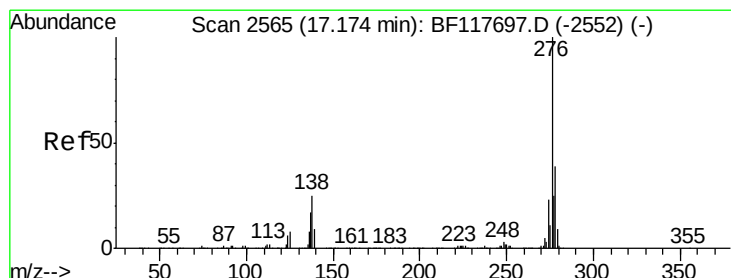
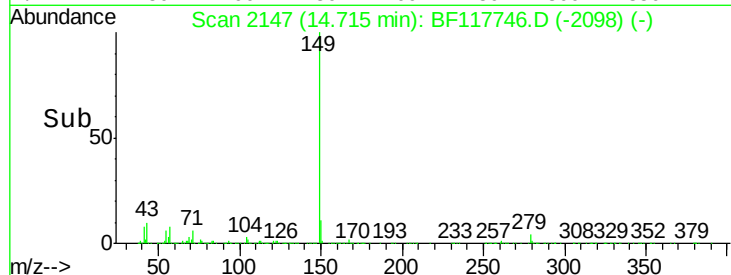
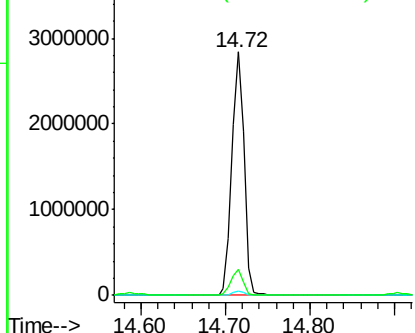
#85
Di-n-octyl phthalate
Concen: 57.062 ng
RT: 14.72 min Scan# 2147
Delta R.T. -0.01 min
Lab File: BF117746.D
Acq: 8 Nov 2019 22:04

Instrument :
BNA_F
ClientSampleId :
3-CMSD

Tgt Ion:149 Resp: 2787233
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.9 8.4 12.6

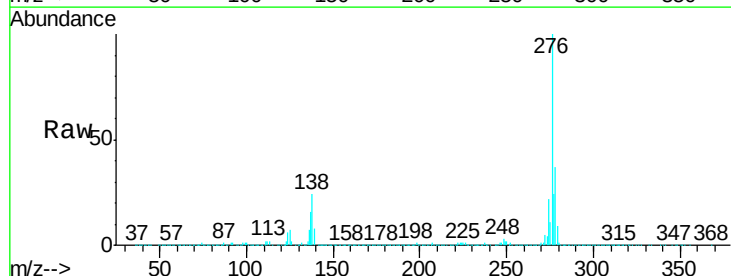


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

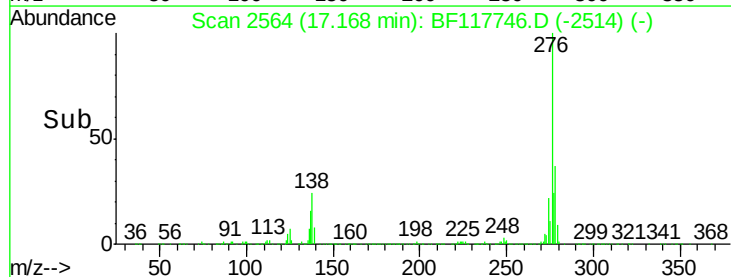
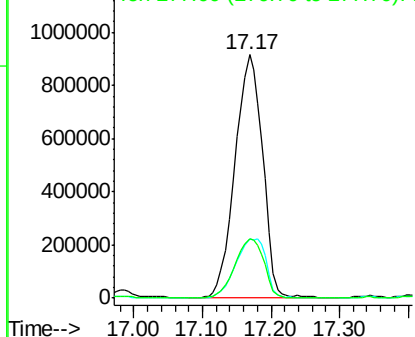


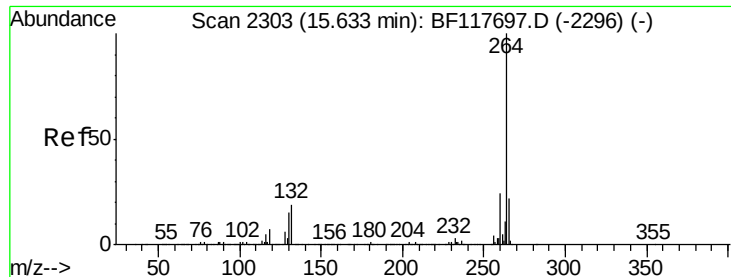
#86
Indeno(1,2,3-cd)pyrene
Concen: 62.394 ng
RT: 17.17 min Scan# 2564
Delta R.T. -0.01 min
Lab File: BF117746.D
Acq: 8 Nov 2019 22:04

Tgt Ion:276 Resp: 2547623
Ion Ratio Lower Upper
276 100
138 27.0 22.4 33.6
277 25.4 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: BF117746.D

Acq: 8 Nov 2019 22:04

Instrument :

BNA_F

ClientSampleId :

3-CMSD

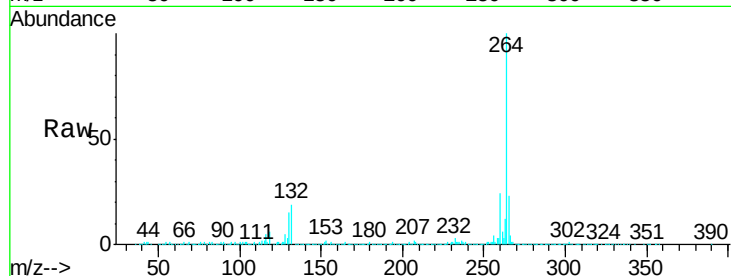
Tgt Ion:264 Resp: 804391

Ion Ratio Lower Upper

264 100

260 24.0 18.8 28.2

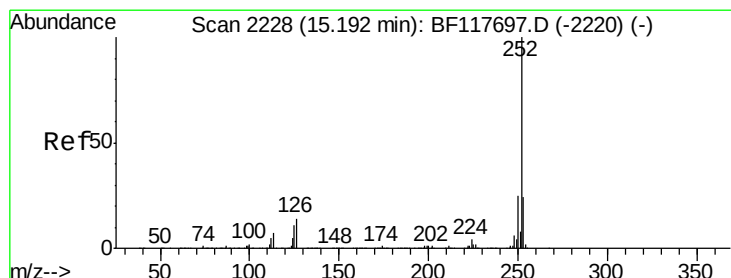
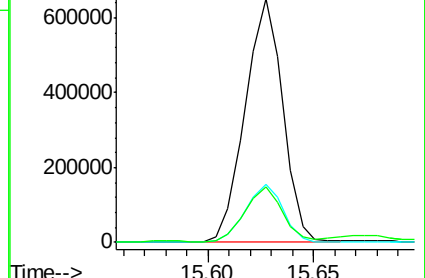
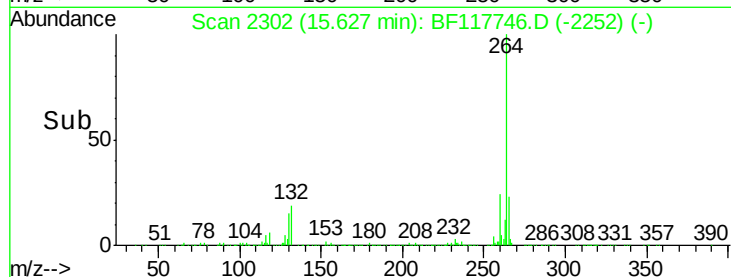
265 22.7 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 59.831 ng

RT: 15.19 min Scan# 2227

Delta R.T. -0.01 min

Lab File: BF117746.D

Acq: 8 Nov 2019 22:04

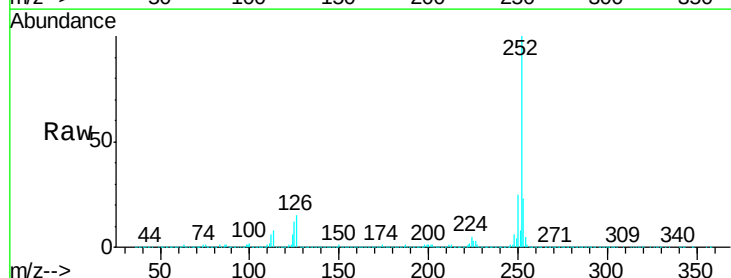
Tgt Ion:252 Resp: 3031155

Ion Ratio Lower Upper

252 100

253 23.5 18.9 28.3

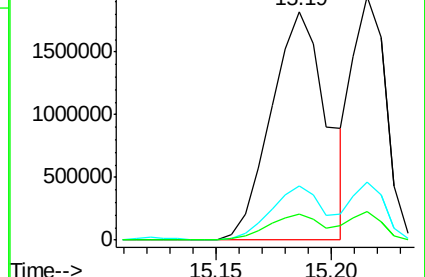
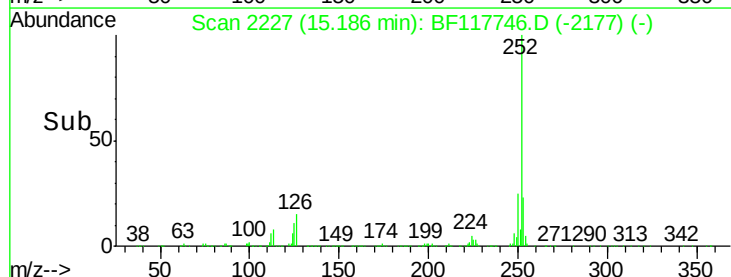
125 11.6 8.5 12.7

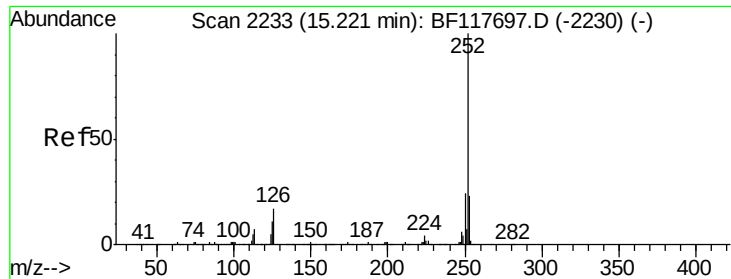


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

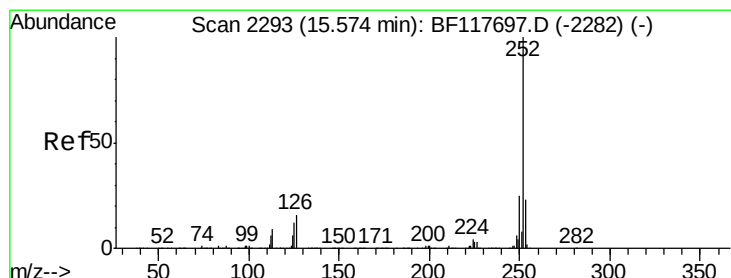
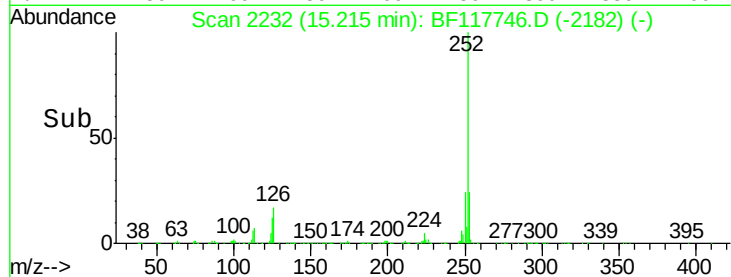
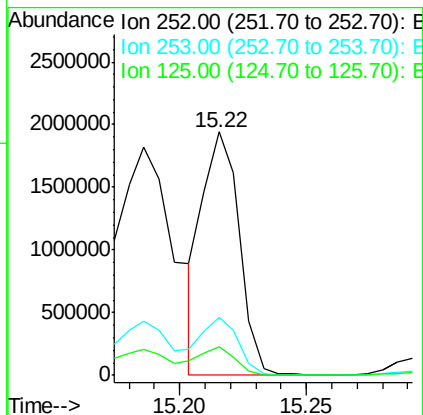
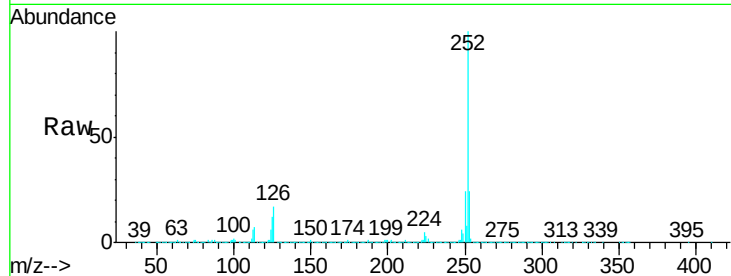




#89
Benzo(k)fluoranthene
Concen: 43.235 ng
RT: 15.22 min Scan# 2232
Delta R.T. -0.01 min
Lab File: BF117746.D
Acq: 8 Nov 2019 22:04

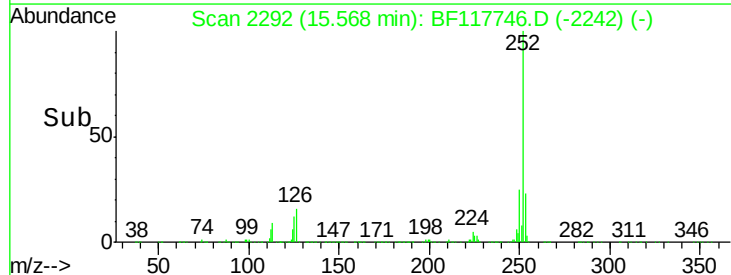
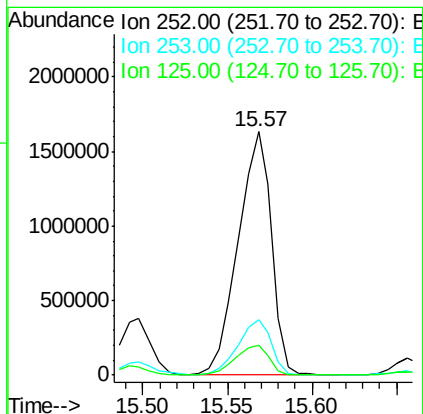
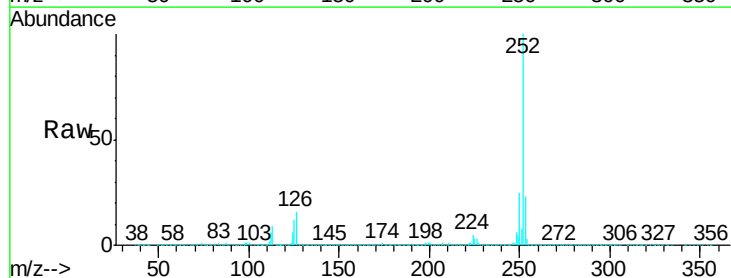
Instrument :
BNA_F
ClientSampleId :
3-CMSD

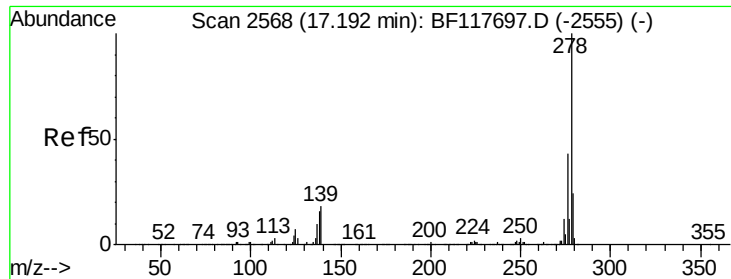
Tgt Ion:252 Resp: 1953554
Ion Ratio Lower Upper
252 100
253 23.6 17.9 26.9
125 11.7 9.1 13.7



#90
Benzo(a)pyrene
Concen: 50.797 ng
RT: 15.57 min Scan# 2292
Delta R.T. -0.01 min
Lab File: BF117746.D
Acq: 8 Nov 2019 22:04

Tgt Ion:252 Resp: 2230855
Ion Ratio Lower Upper
252 100
253 23.0 18.0 27.0
125 12.4 9.5 14.3





#91

Dibenzo(a,h)anthracene

Concen: 48.485 ng

RT: 17.19 min Scan# 2568

Delta R.T. -0.00 min

Lab File: BF117746.D

Acq: 8 Nov 2019 22:04

Instrument :

BNA_F

ClientSampled :

3-CMSD

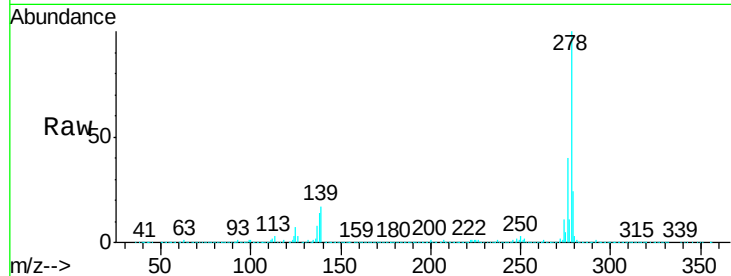
Tgt Ion:278 Resp: 1909745

Ion Ratio Lower Upper

278 100

139 16.9 14.3 21.5

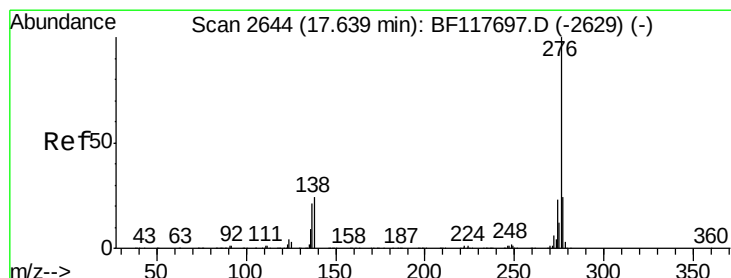
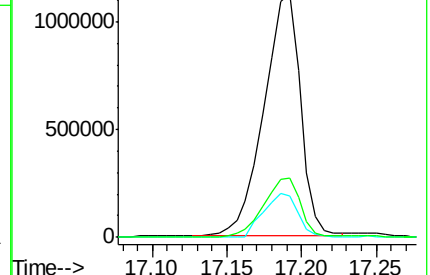
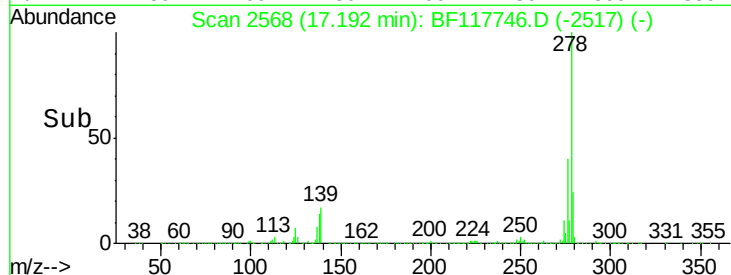
279 24.5 19.0 28.6



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: 55.136 ng

RT: 17.64 min Scan# 2644

Delta R.T. -0.00 min

Lab File: BF117746.D

Acq: 8 Nov 2019 22:04

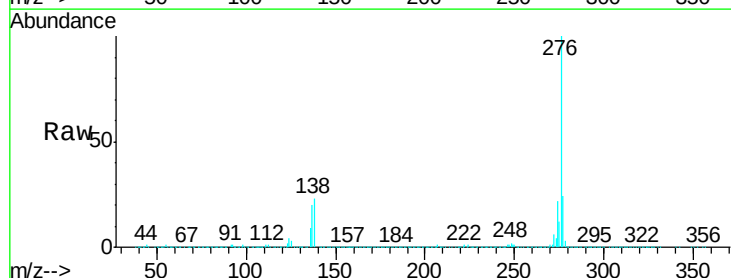
Tgt Ion:276 Resp: 2104657

Ion Ratio Lower Upper

276 100

277 23.9 19.4 29.0

138 23.1 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

