

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF110819\
 Data File : BF117736.D
 Acq On : 8 Nov 2019 17:36
 Operator : JU
 Sample : PB124647BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB124647BS

Quant Time: Nov 09 01:23:04 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	349745	20.00	ng	-0.01
21) Naphthalene-d8	8.22	136	1397620	20.00	ng	-0.01
39) Acenaphthene-d10	9.98	164	769706	20.00	ng	0.00
64) Phenanthrene-d10	11.47	188	1485653	20.00	ng	0.00
76) Chrysene-d12	14.12	240	908249	20.00	ng	0.00
87) Perylene-d12	15.63	264	876459	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.55	112	2182485	112.96	ng	0.00
7) Phenol-d6	6.55	99	2051428	86.11	ng	0.00
23) Nitrobenzene-d5	7.50	82	2001940	84.57	ng	0.00
42) 2,4,6-Tribromophenol	10.77	330	990997	131.62	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	3467779	88.89	ng	0.00
79) Terphenyl-d14	13.06	244	4364338	98.92	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.78	88	288936	30.013	ng	100
3) Pyridine	3.55	79	499315	18.856	ng	98
4) n-Nitrosodimethylamine	3.49	42	393033	33.680	ng	98
6) Aniline	6.59	93	810268	24.234	ng	99
8) 2-Chlorophenol	6.72	128	1058276	49.236	ng	99
9) Benzaldehyde	6.48	77	666493	40.207	ng	98
10) Phenol	6.56	94	776408	30.245	ng	100
11) bis(2-Chloroethyl)ether	6.66	93	945859	44.620	ng	99
12) 1,3-Dichlorobenzene	6.87	146	1004502	40.317	ng	98
13) 1,4-Dichlorobenzene	6.95	146	1025286	41.110	ng	98
14) 1,2-Dichlorobenzene	7.10	146	955315	41.601	ng	98
15) Benzyl Alcohol	7.07	79	933230	49.129	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.20	45	1416638	42.267	ng	98
17) 2-Methylphenol	7.17	107	921764	49.933	ng	99
18) Hexachloroethane	7.45	117	357085	38.734	ng	94
19) n-Nitroso-di-n-propylamine	7.35	70	695969	44.429	ng	98
20) 3+4-Methylphenols	7.33	107	1024666	46.615	ng	94
22) Acetophenone	7.34	105	1353246	42.364	ng	# 99
24) Nitrobenzene	7.52	77	1078845	43.643	ng	98
25) Isophorone	7.76	82	1999148	44.153	ng	99
26) 2-Nitrophenol	7.83	139	560551	48.845	ng	98
27) 2,4-Dimethylphenol	7.86	122	988384	51.078	ng	96
28) bis(2-Chloroethoxy)methane	7.96	93	1227466	42.233	ng	99
29) 2,4-Dichlorophenol	8.07	162	928031	46.550	ng	99
30) 1,2,4-Trichlorobenzene	8.16	180	914091	40.053	ng	99
31) Naphthalene	8.24	128	2763483	43.259	ng	100
32) Benzoic acid	7.96	122	388809	25.383	ng	94
33) 4-Chloroaniline	8.28	127	404664	13.632	ng	98
34) Hexachlorobutadiene	8.36	225	492469	37.681	ng	99
35) Caprolactam	8.65	113	56895	8.610	ng	96
36) 4-Chloro-3-methylphenol	8.76	107	989467	49.185	ng	99
37) 2-Methylnaphthalene	8.93	142	1960632	45.082	ng	99
38) 1-Methylnaphthalene	9.03	142	1858729	45.006	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.10	216	852097	40.466	ng	99

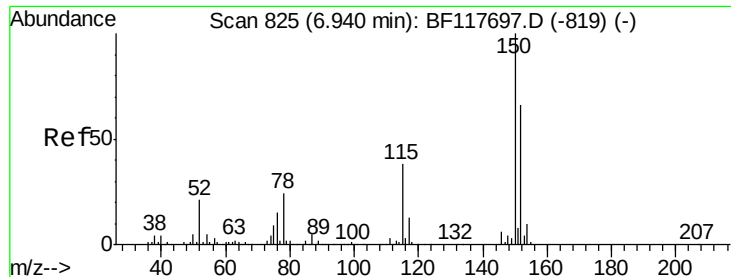
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF110819\
 Data File : BF117736.D
 Acq On : 8 Nov 2019 17:36
 Operator : JU
 Sample : PB124647BS
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 QLast Update : Wed Nov 06 17:27:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.09	237	845310	74.411	ng	99
43) 2,4,6-Trichlorophenol	9.21	196	682682	44.514	ng	100
44) 2,4,5-Trichlorophenol	9.25	196	724756	46.622	ng	96
46) 1,1'-Biphenyl	9.40	154	2354852	43.684	ng	99
47) 2-Chloronaphthalene	9.43	162	1883556	42.104	ng	99
48) 2-Nitroaniline	9.52	65	616665	43.988	ng	98
49) Acenaphthylene	9.85	152	2909134	44.654	ng	100
50) Dimethylphthalate	9.70	163	2290569	44.020	ng	99
51) 2,6-Dinitrotoluene	9.76	165	537665	46.144	ng	97
52) Acenaphthene	10.02	154	1851591	44.044	ng	99
53) 3-Nitroaniline	9.93	138	332221	23.633	ng	95
54) 2,4-Dinitrophenol	10.03	184	270904	67.818	ng	# 74
55) Dibenzofuran	10.19	168	2617193	44.491	ng	99
56) 4-Nitrophenol	10.08	139	652517	61.723	ng	99
57) 2,4-Dinitrotoluene	10.16	165	725510	48.539	ng	90
58) Fluorene	10.53	166	1917289	44.223	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.30	232	590891	45.726	ng	100
60) Diethylphthalate	10.40	149	2283681	44.626	ng	99
61) 4-Chlorophenyl-phenylether	10.52	204	993408	44.017	ng	99
62) 4-Nitroaniline	10.55	138	608011	43.945	ng	99
63) Azobenzene	10.69	77	2155709	44.477	ng	95
65) 4,6-Dinitro-2-methylphenol	10.57	198	219039	36.923	ng	86
66) n-Nitrosodiphenylamine	10.64	169	1864547	42.493	ng	100
67) 4-Bromophenyl-phenylether	11.02	248	679230	41.863	ng	98
68) Hexachlorobenzene	11.08	284	766940	40.918	ng	97
69) Atrazine	11.17	200	699937	48.407	ng	100
70) Pentachlorophenol	11.27	266	707695	67.541	ng	98
71) Phenanthrene	11.50	178	2989708	41.984	ng	99
72) Anthracene	11.55	178	3050437	43.057	ng	97
73) Carbazole	11.70	167	2815414	43.472	ng	99
74) Di-n-butylphthalate	12.03	149	3423452	43.472	ng	99
75) Fluoranthene	12.69	202	3153576	43.371	ng	97
77) Benzidine	12.80	184	612160	19.386	ng	96
78) Pyrene	12.92	202	3188002	48.083	ng	99
80) Butylbenzylphthalate	13.53	149	1541032	50.320	ng	99
81) Benzo(a)anthracene	14.11	228	2440664	43.171	ng	99
82) 3,3'-Dichlorobenzidine	14.07	252	605254	28.665	ng	97
83) Chrysene	14.15	228	2414941	43.255	ng	100
84) Bis(2-ethylhexyl)phthalate	14.10	149	2032153	51.442	ng	98
85) Di-n-octyl phthalate	14.72	149	3290733	52.936	ng	99
86) Indeno(1,2,3-cd)pyrene	17.16	276	2534211	48.768	ng	99
88) Benzo(b)fluoranthene	15.18	252	2315558	41.948	ng	98
89) Benzo(k)fluoranthene	15.22	252	2112451	42.907	ng	99
90) Benzo(a)pyrene	15.56	252	1998641	41.767	ng	99
91) Dibenzo(a,h)anthracene	17.19	278	2079437	48.453	ng	98
92) Benzo(g,h,i)perylene	17.63	276	2111239	50.761	ng	99

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

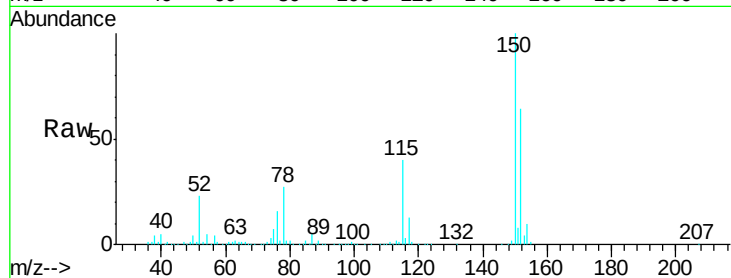


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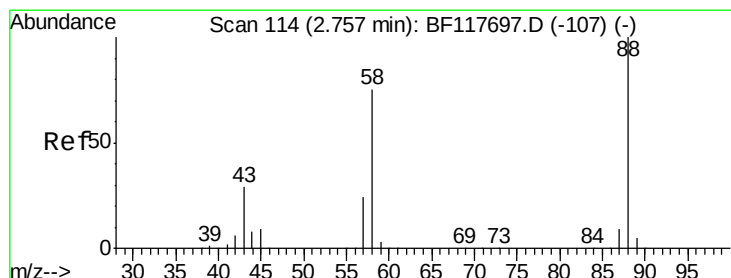
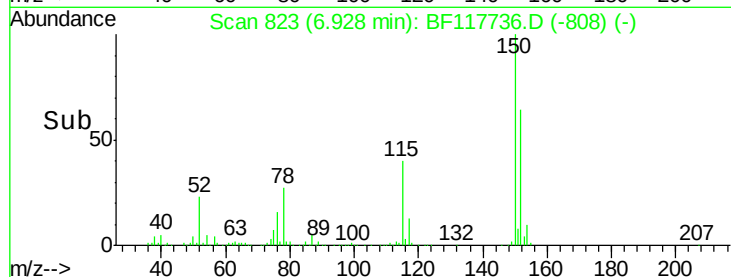
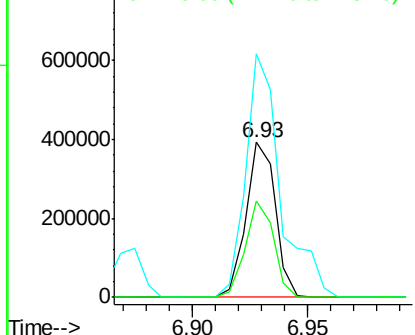
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 823
Delta R.T. -0.01 min
Lab File: BF117736.D
Acq: 8 Nov 2019 17:36

Instrument :
BNA_F
ClientSampleId :
PB124647BS

Tgt Ion:152 Resp: 349745
Ion Ratio Lower Upper
152 100
150 157.2 121.4 182.2
115 62.1 46.7 70.1



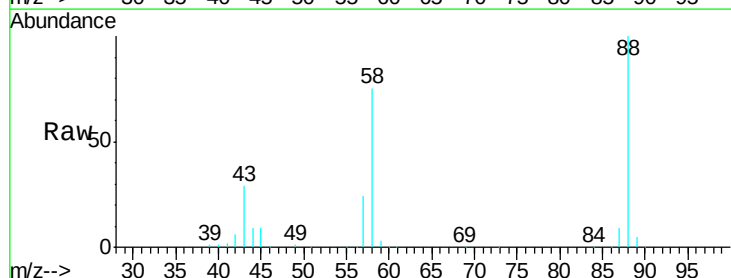
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



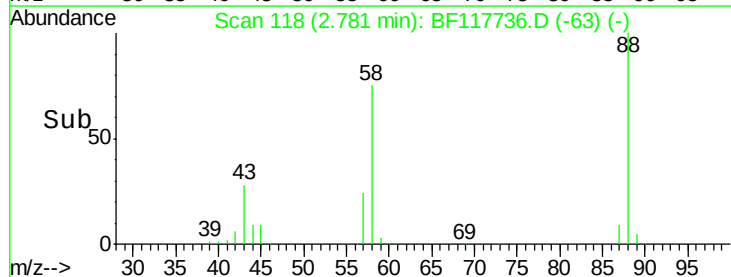
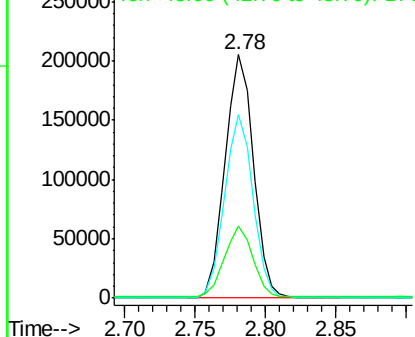
#2

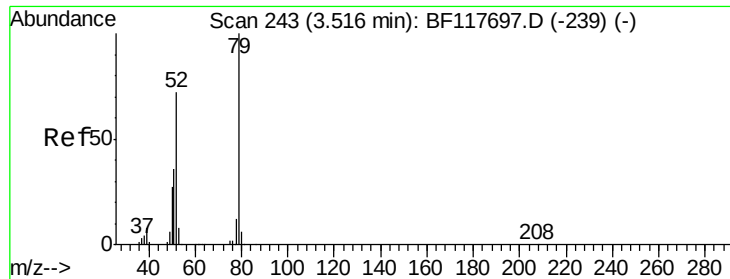
1,4-Dioxane
Concen: 30.013 ng
RT: 2.78 min Scan# 118
Delta R.T. 0.02 min
Lab File: BF117736.D
Acq: 8 Nov 2019 17:36

Tgt Ion: 88 Resp: 288936
Ion Ratio Lower Upper
88 100
58 75.1 60.1 90.1
43 29.2 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: 18.856 ng

RT: 3.55 min Scan# 248

Delta R.T. 0.03 min

Lab File: BF117736.D

Acq: 8 Nov 2019 17:36

Instrument :

BNA_F

ClientSampleId :

PB124647BS

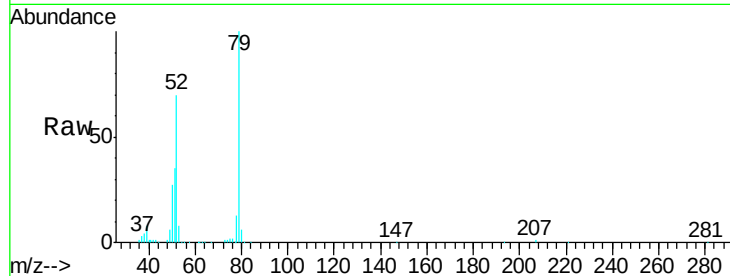
Tgt Ion: 79 Resp: 499315

Ion Ratio Lower Upper

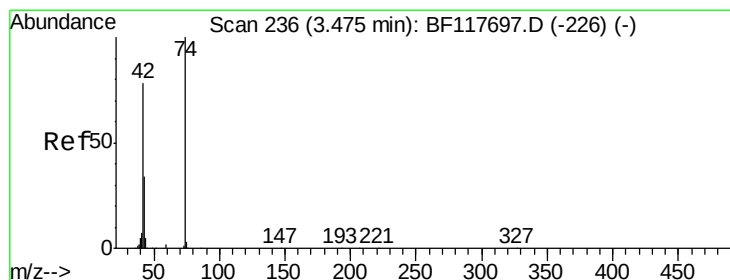
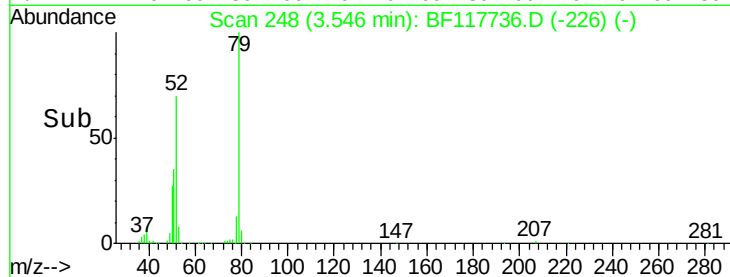
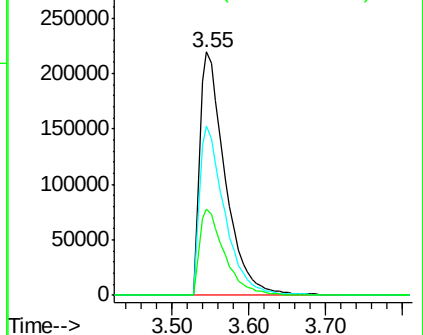
79 100

52 69.5 57.2 85.8

51 35.4 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: 33.680 ng

RT: 3.49 min Scan# 238

Delta R.T. 0.01 min

Lab File: BF117736.D

Acq: 8 Nov 2019 17:36

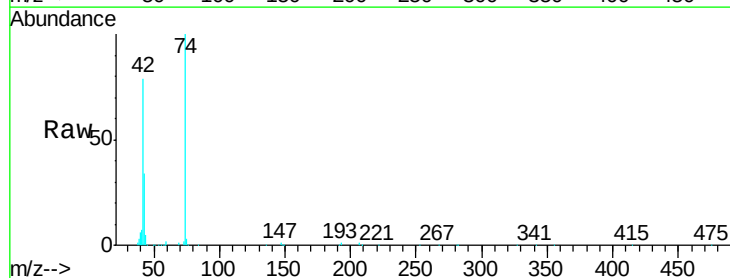
Tgt Ion: 42 Resp: 393033

Ion Ratio Lower Upper

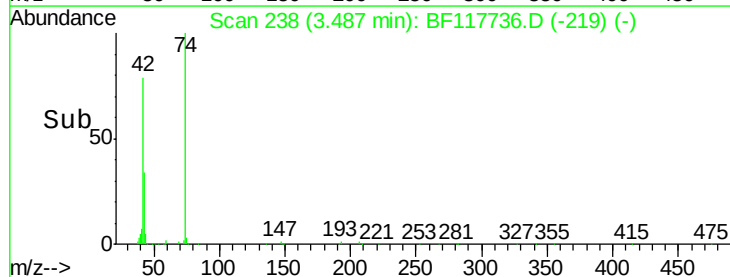
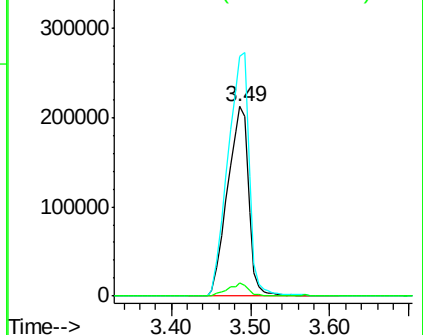
42 100

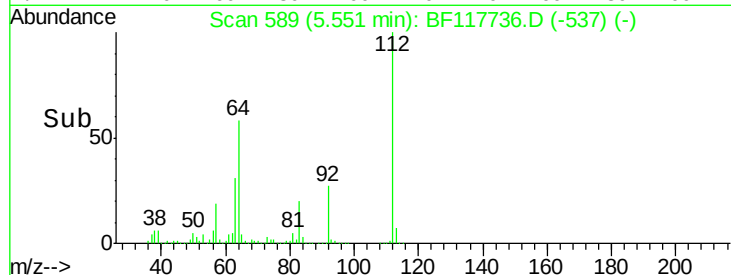
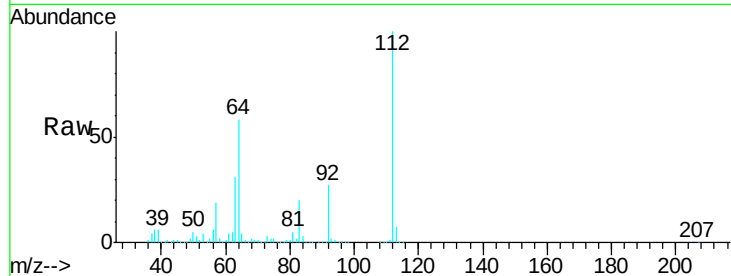
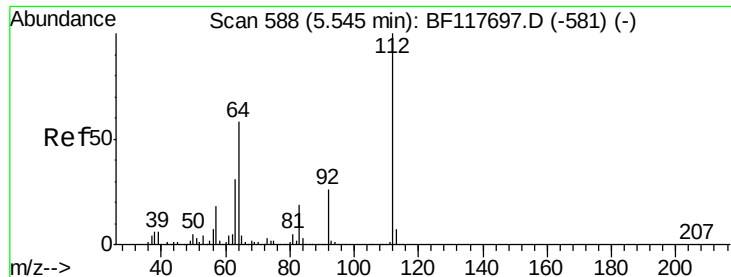
74 127.0 103.1 154.7

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: 112.957 ng

RT: 5.55 min Scan# 589

Delta R.T. 0.01 min

Lab File: BF117736.D

Acq: 8 Nov 2019 17:36

Instrument :

BNA_F

ClientSampleId :

PB124647BS

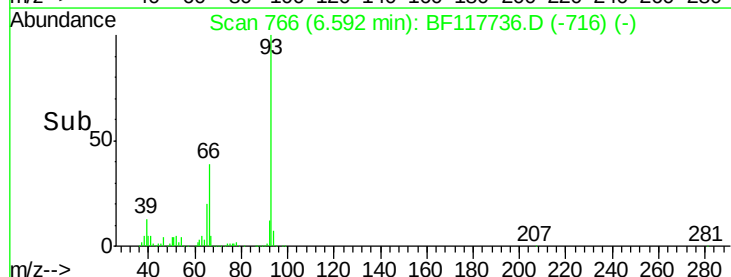
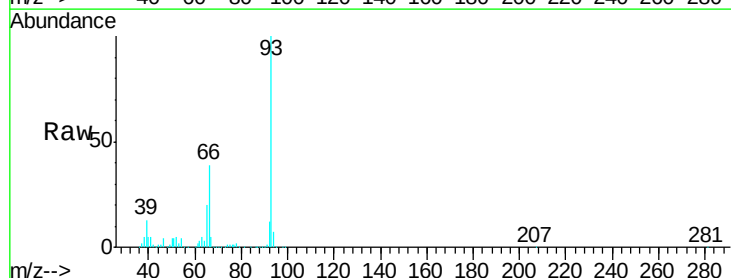
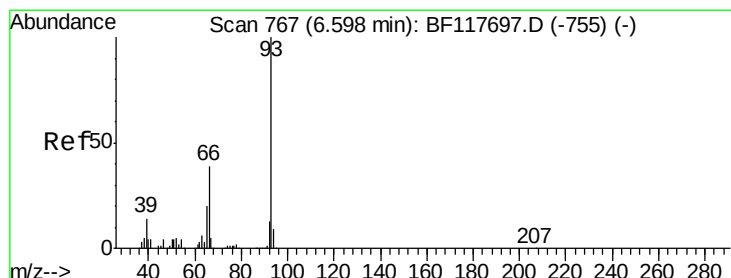
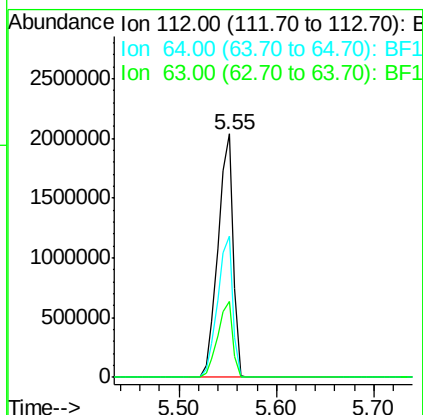
Tgt Ion:112 Resp: 2182485

Ion Ratio Lower Upper

112 100

64 58.0 46.4 69.6

63 31.1 24.6 37.0



#6

Aniline

Concen: 24.234 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF117736.D

Acq: 8 Nov 2019 17:36

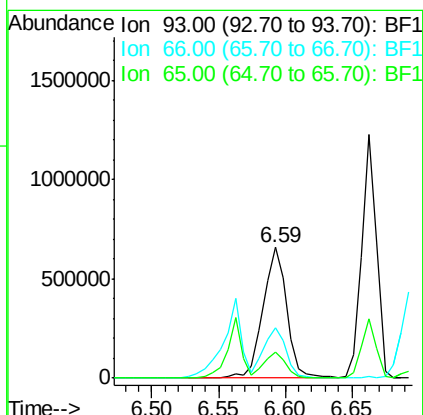
Tgt Ion: 93 Resp: 810268

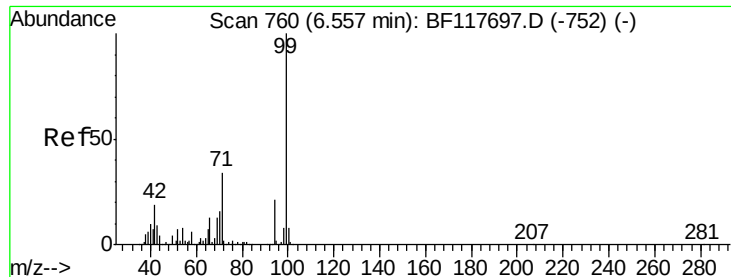
Ion Ratio Lower Upper

93 100

66 38.9 31.7 47.5

65 19.6 15.8 23.8





#7

Phenol-d6

Concen: 86.109 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.01 min

Lab File: BF117736.D

Acq: 8 Nov 2019 17:36

Instrument :

BNA_F

ClientSampleId :

PB124647BS

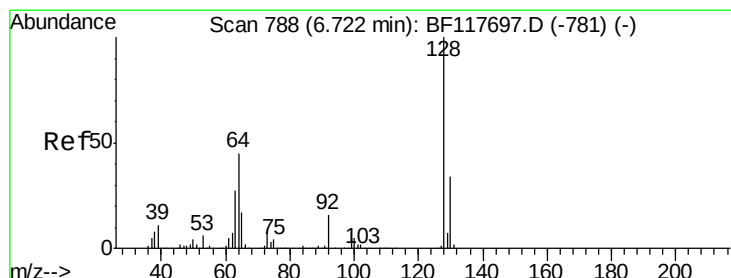
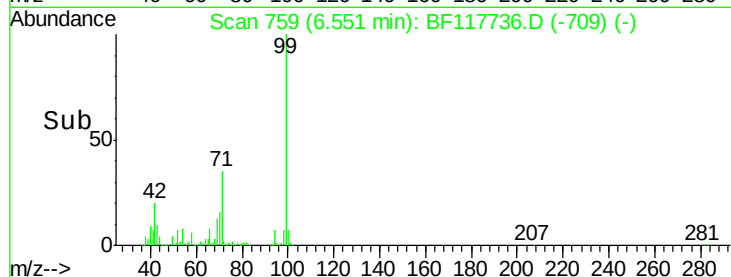
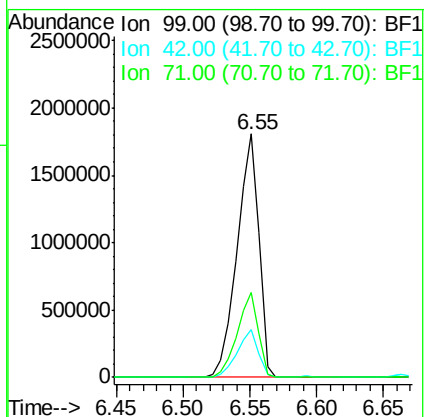
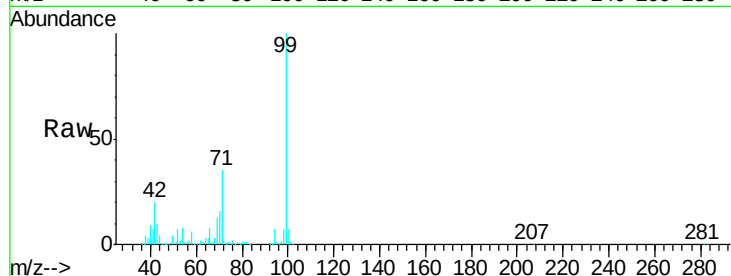
Tgt Ion: 99 Resp: 2051428

Ion Ratio Lower Upper

99 100

42 19.7 15.3 22.9

71 35.0 26.8 40.2



#8

2-Chlorophenol

Concen: 49.236 ng

RT: 6.72 min Scan# 787

Delta R.T. -0.01 min

Lab File: BF117736.D

Acq: 8 Nov 2019 17:36

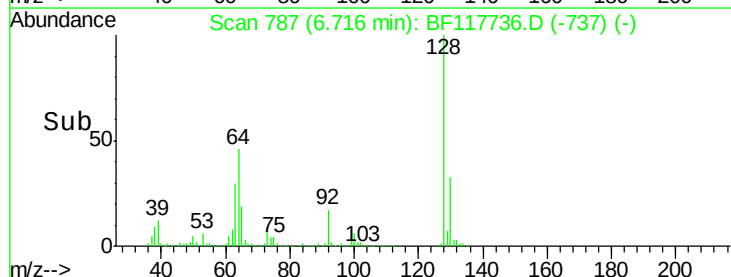
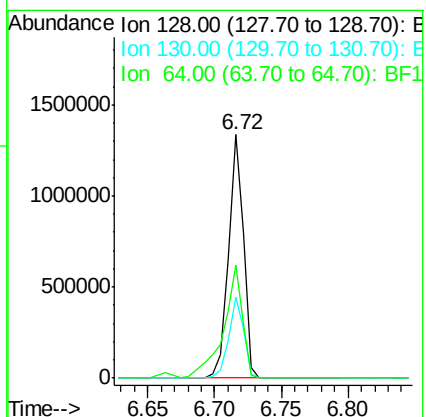
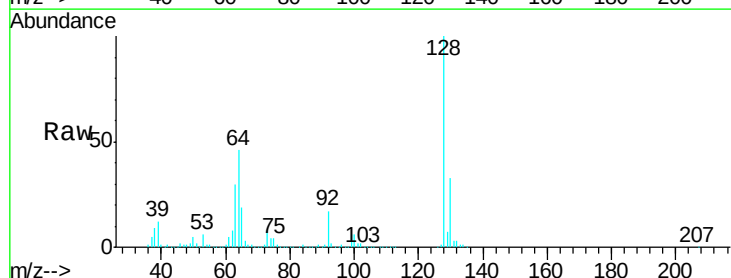
Tgt Ion: 128 Resp: 1058276

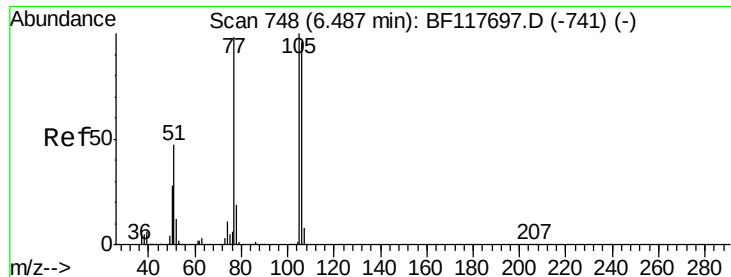
Ion Ratio Lower Upper

128 100

130 33.2 13.6 53.6

64 46.3 25.2 65.2





#9

Benzaldehyde

Concen: 40.207 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF117736.D

Acq: 8 Nov 2019 17:36

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BNA_F

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PB124647BS

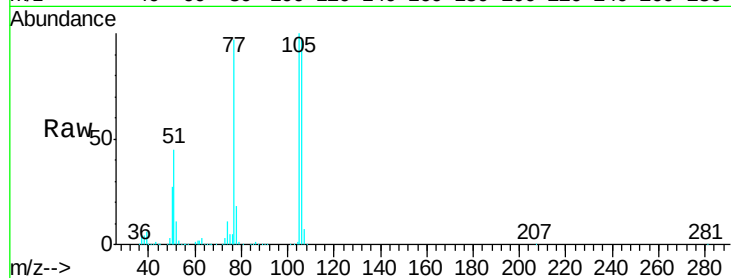
Tgt Ion: 77 Resp: 666493

Ion Ratio Lower Upper

77 100

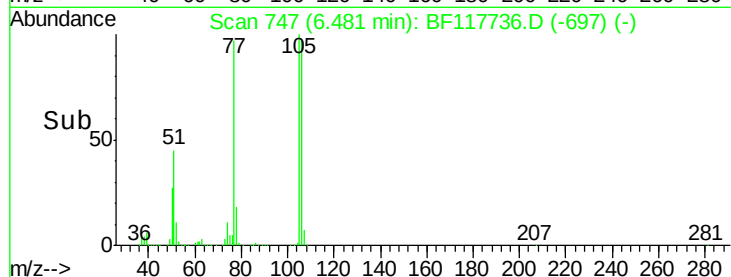
105 103.6 82.3 122.3

106 100.7 78.0 118.0

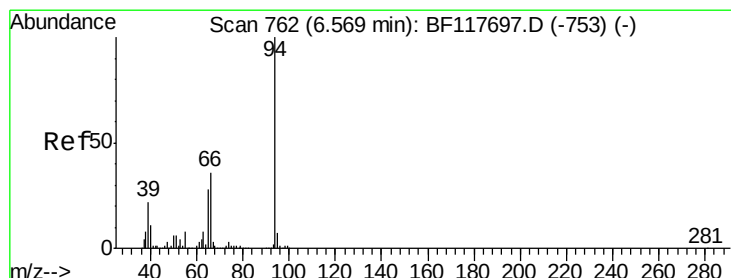


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1

6.48



Time-->



#10

Phenol

Concen: 30.245 ng

RT: 6.56 min Scan# 761

Delta R.T. -0.01 min

Lab File: BF117736.D

Acq: 8 Nov 2019 17:36

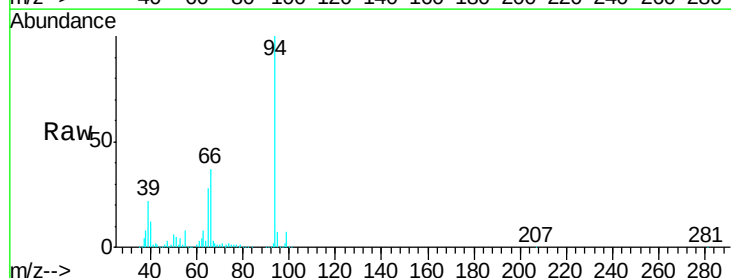
Tgt Ion: 94 Resp: 776408

Ion Ratio Lower Upper

94 100

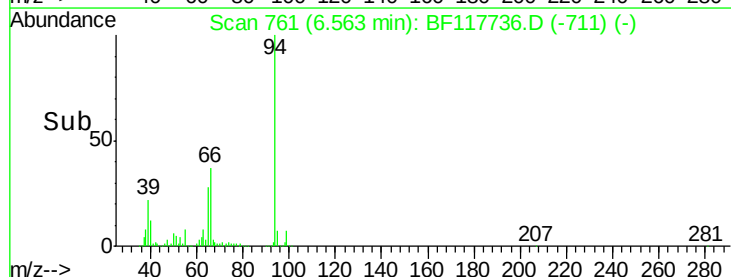
65 27.7 7.6 47.6

66 36.5 16.1 56.1

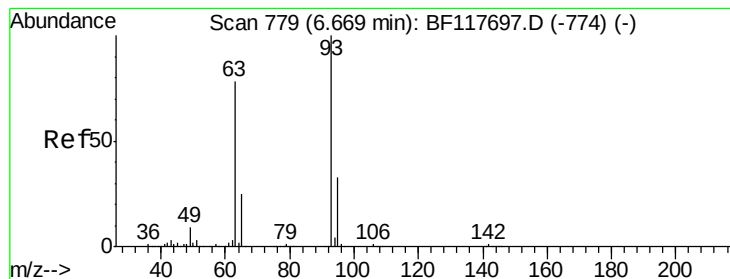


Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

6.56



Time-->



#11

bis(2-Chloroethyl)ether

Concen: 44.620 ng

RT: 6.66 min Scan# 778

Delta R.T. -0.01 min

Lab File: BF117736.D

Acq: 8 Nov 2019 17:36

Instrument :

BNA_F

ClientSampleId :

PB124647BS

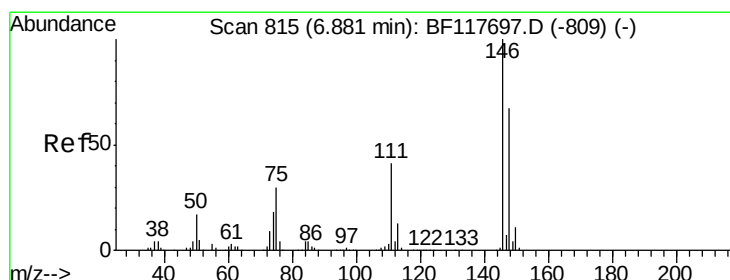
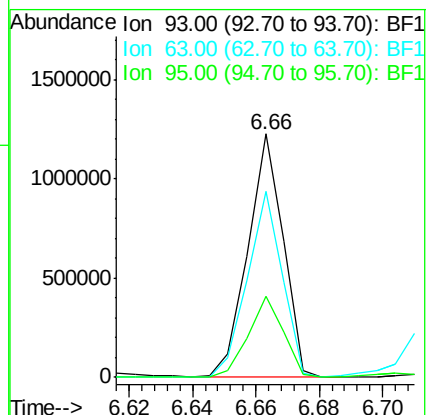
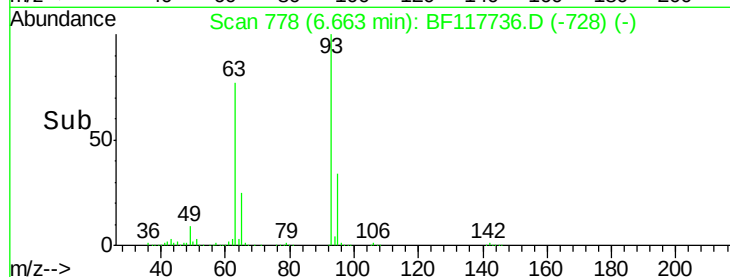
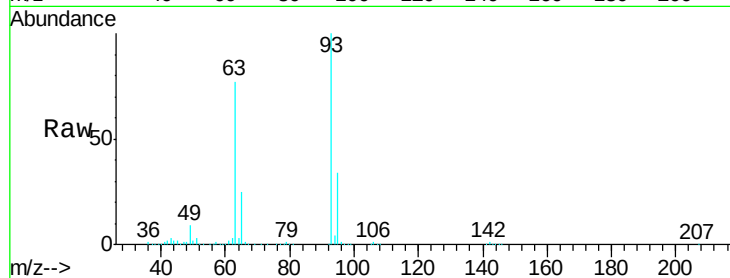
Tgt Ion: 93 Resp: 945859

Ion Ratio Lower Upper

93 100

63 76.6 57.6 97.6

95 33.5 12.7 52.7



#12

1,3-Dichlorobenzene

Concen: 40.317 ng

RT: 6.87 min Scan# 814

Delta R.T. -0.01 min

Lab File: BF117736.D

Acq: 8 Nov 2019 17:36

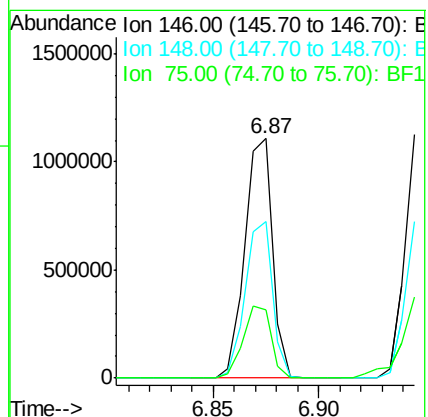
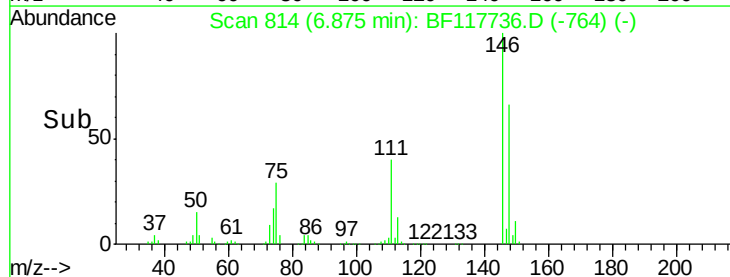
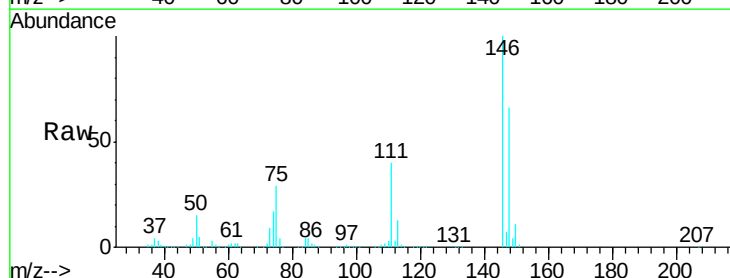
Tgt Ion: 146 Resp: 1004502

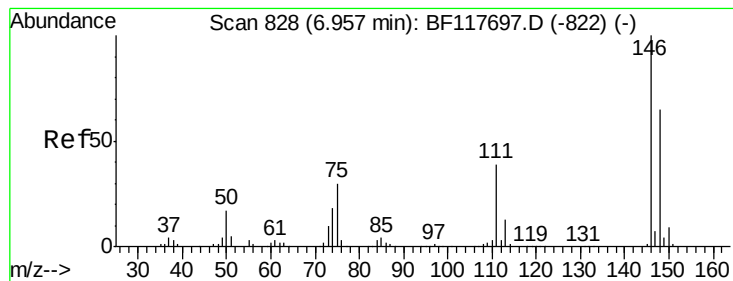
Ion Ratio Lower Upper

146 100

148 65.6 53.4 80.2

75 28.7 24.0 36.0





#13

1,4-Dichlorobenzene

Concen: 41.110 ng

RT: 6.95 min Scan# 826

Delta R.T. -0.01 min

Lab File: BF117736.D

Acq: 8 Nov 2019 17:36

Instrument :

BNA_F

ClientSampleId :

PB124647BS

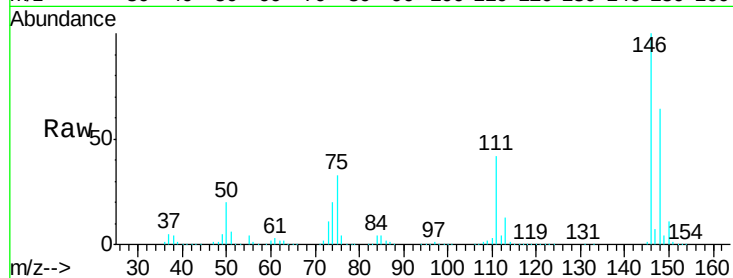
Tgt Ion:146 Resp: 1025286

Ion Ratio Lower Upper

146 100

148 64.4 51.9 77.9

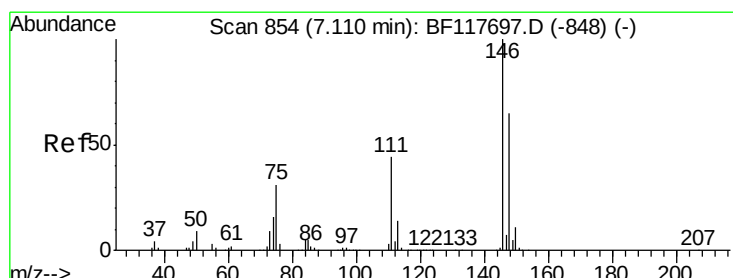
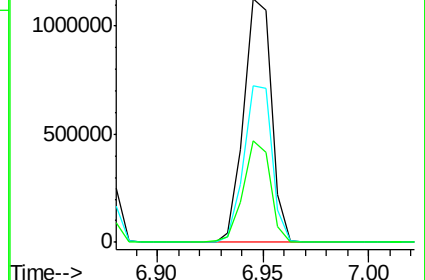
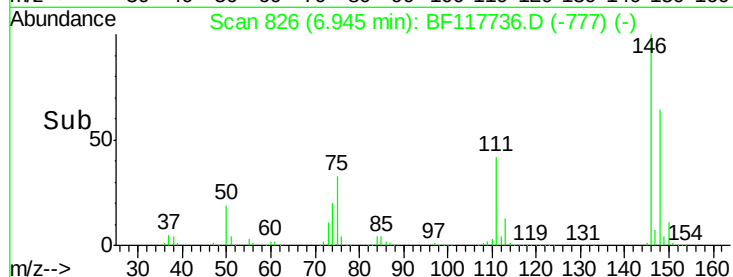
111 41.6 31.6 47.4



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: 41.601 ng

RT: 7.10 min Scan# 853

Delta R.T. -0.01 min

Lab File: BF117736.D

Acq: 8 Nov 2019 17:36

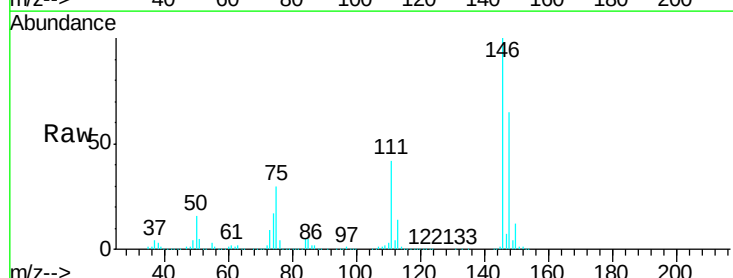
Tgt Ion:146 Resp: 955315

Ion Ratio Lower Upper

146 100

148 64.6 52.1 78.1

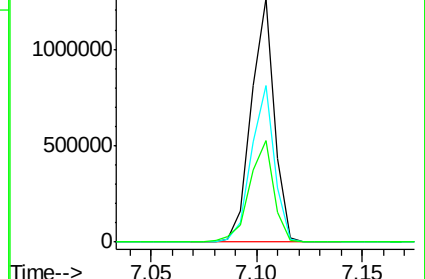
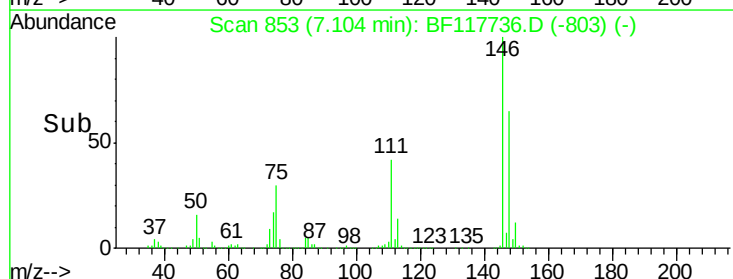
111 41.6 35.1 52.7

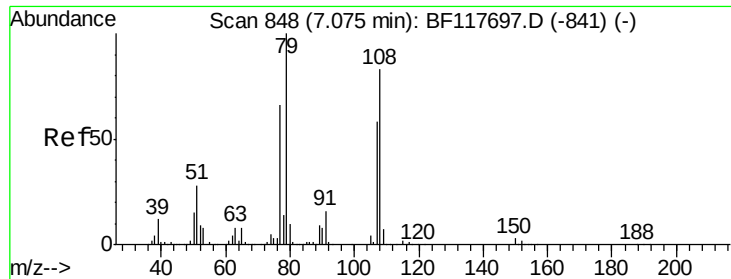


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 49.129 ng

RT: 7.07 min Scan# 847

Delta R.T. -0.01 min

Lab File: BF117736.D

Acq: 8 Nov 2019 17:36

Instrument :

BNA_F

ClientSampleId :

PB124647BS

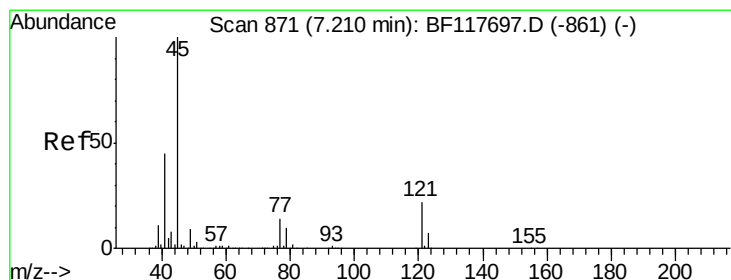
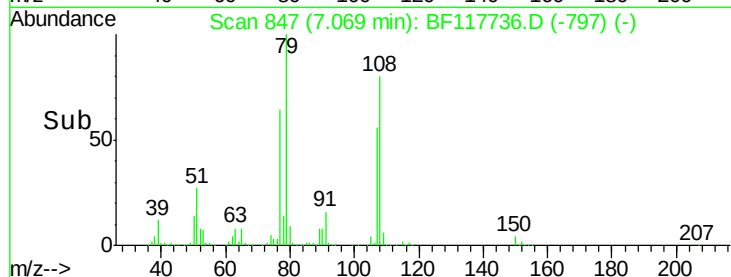
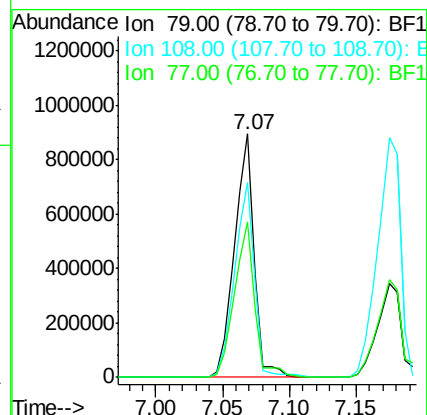
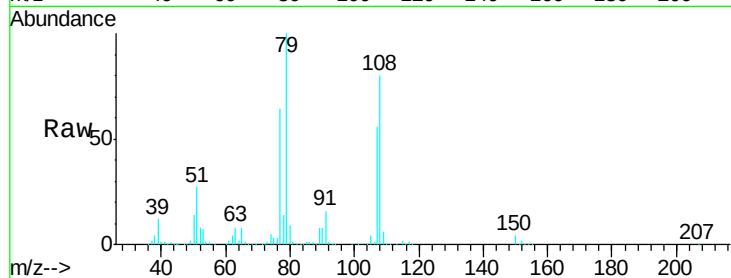
Tgt Ion: 79 Resp: 933230

Ion Ratio Lower Upper

79 100

108 79.9 66.5 99.7

77 63.5 52.9 79.3



#16

2,2'-oxybis(1-chloropropane)

Concen: 42.267 ng

RT: 7.20 min Scan# 870

Delta R.T. -0.01 min

Lab File: BF117736.D

Acq: 8 Nov 2019 17:36

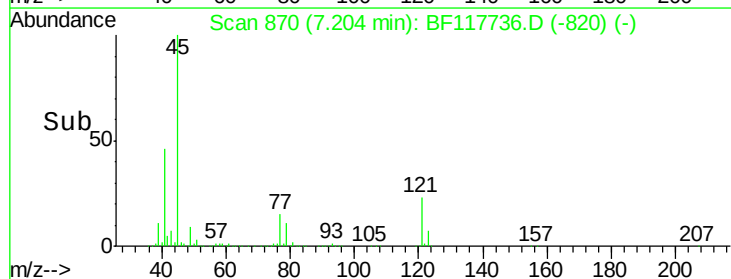
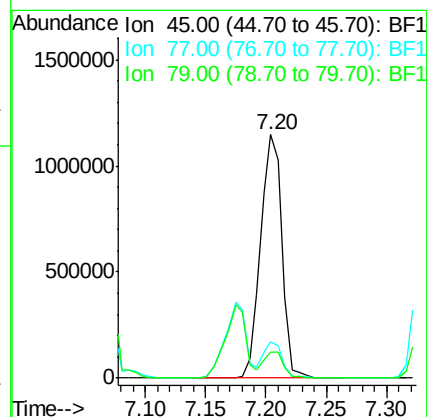
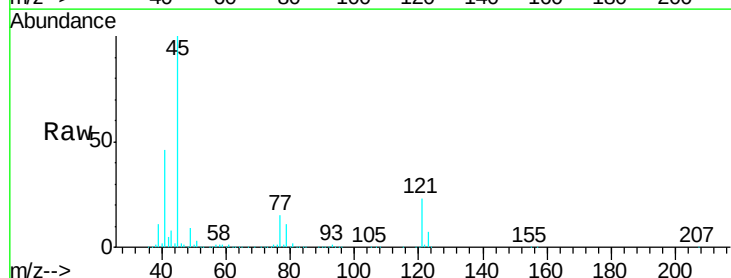
Tgt Ion: 45 Resp: 1416638

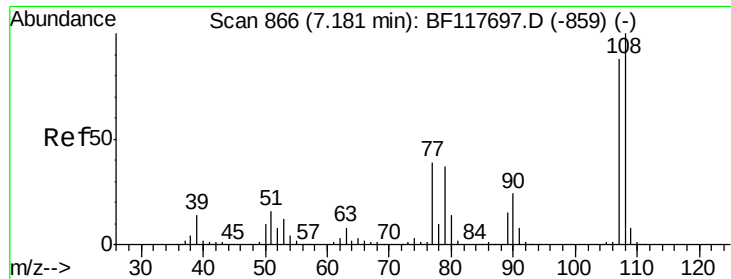
Ion Ratio Lower Upper

45 100

77 14.7 0.0 33.8

79 10.9 0.0 30.5

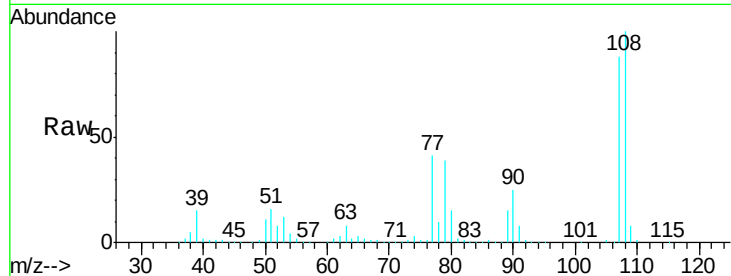




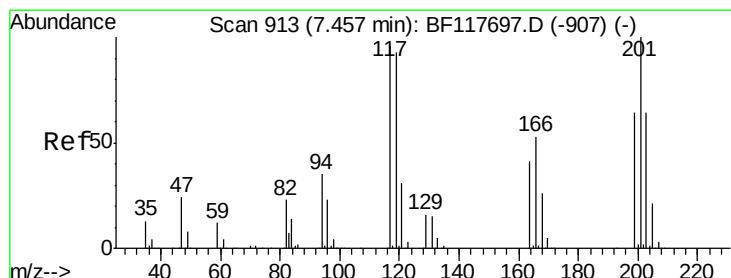
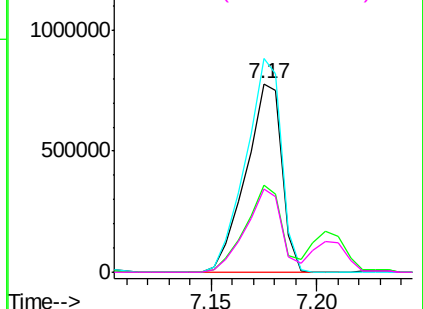
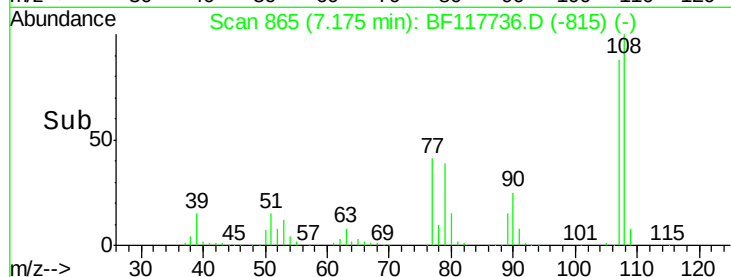
#17
2-Methylphenol
Concen: 49.933 ng
RT: 7.17 min Scan# 865
Delta R.T. -0.01 min
Lab File: BF117736.D
Acq: 8 Nov 2019 17:36

Instrument :
BNA_F
ClientSampleId :
PB124647BS

Tgt Ion:107 Resp: 921764
Ion Ratio Lower Upper
107 100
108 113.3 91.1 136.7
77 46.0 35.8 53.8
79 44.4 34.1 51.1

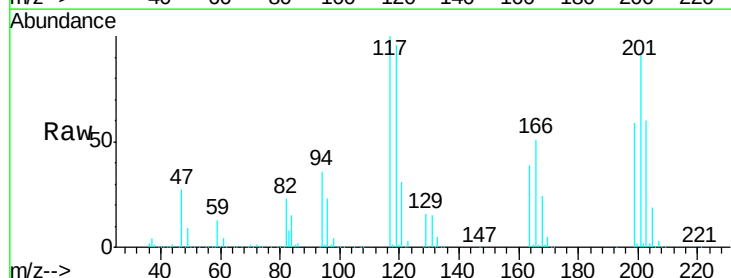


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

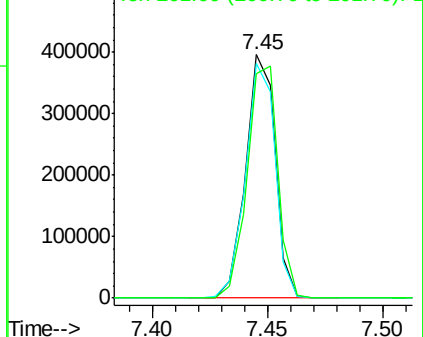
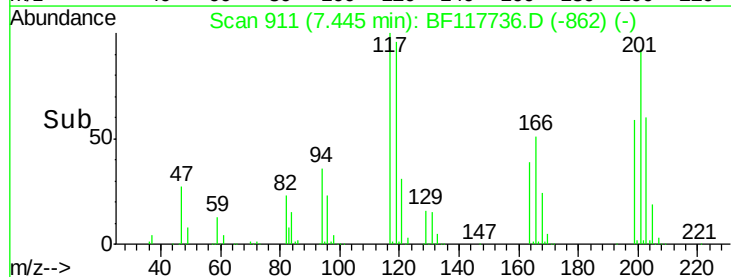


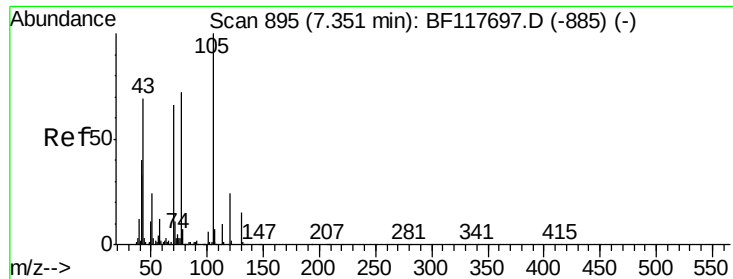
#18
Hexachloroethane
Concen: 38.734 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF117736.D
Acq: 8 Nov 2019 17:36

Tgt Ion:117 Resp: 357085
Ion Ratio Lower Upper
117 100
119 96.4 77.7 116.5
201 92.1 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

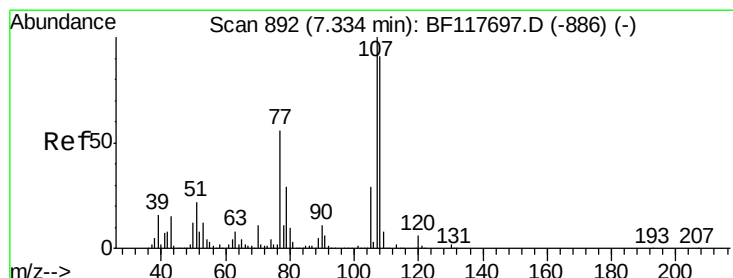
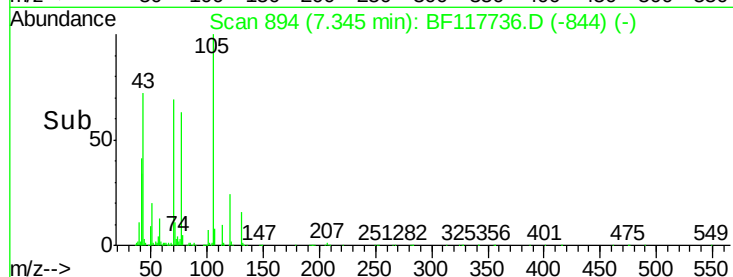
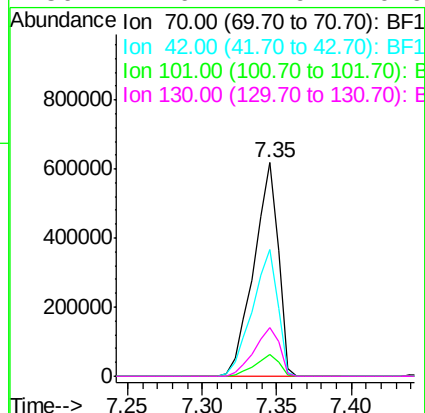
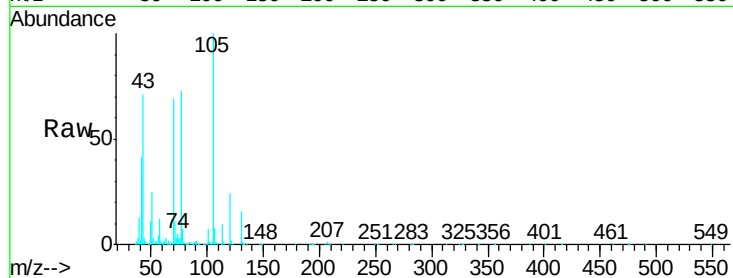




#19
n-Nitroso-di-n-propylamine
Concen: 44.429 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF117736.D
Acq: 8 Nov 2019 17:36

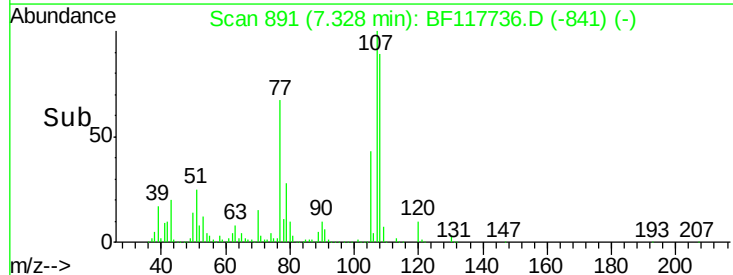
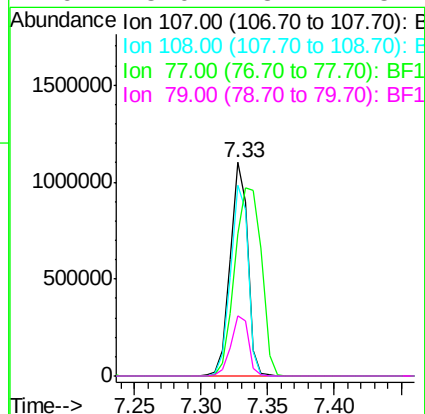
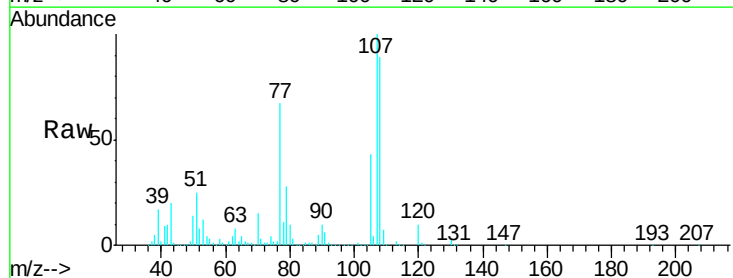
Instrument :
BNA_F
ClientSampleId :
PB124647BS

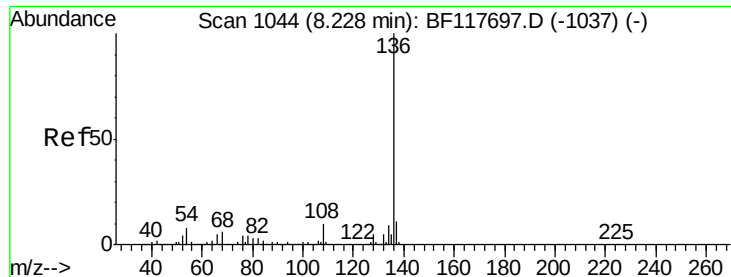
Tgt Ion:	70	Resp:	695969
Ion	Ratio	Lower	Upper
70	100		
42	59.5	49.1	73.7
101	10.3	7.8	11.8
130	22.6	17.9	26.9



#20
3+4-Methylphenols
Concen: 46.615 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF117736.D
Acq: 8 Nov 2019 17:36

Tgt Ion:	107	Resp:	1024666
Ion	Ratio	Lower	Upper
107	100		
108	89.0	70.5	110.5
77	66.8	35.6	75.6
79	28.0	8.7	48.7

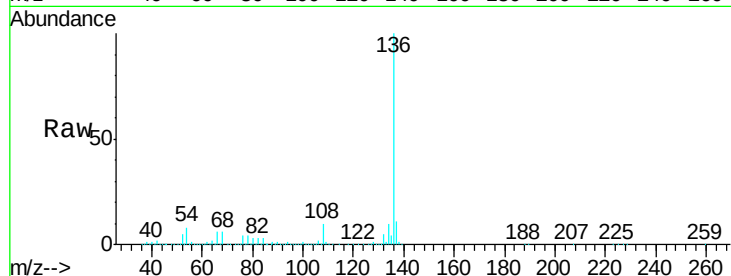




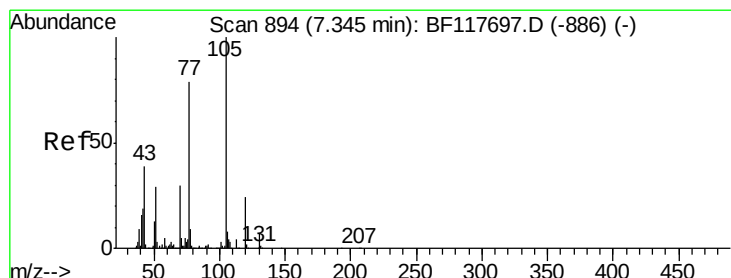
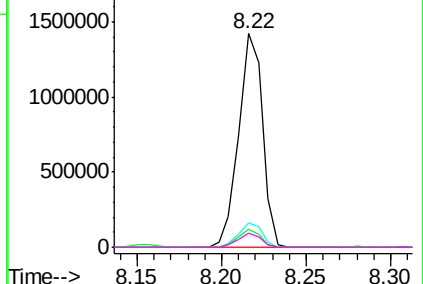
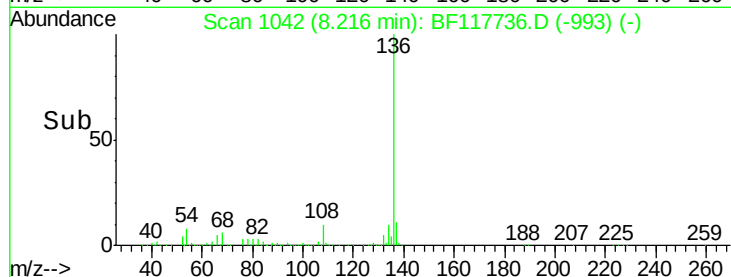
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF117736.D
Acq: 8 Nov 2019 17:36

Instrument :
BNA_F
ClientSampleId :
PB124647BS

Tgt Ion:136 Resp: 1397620
Ion Ratio Lower Upper
136 100
137 11.4 8.8 13.2
54 8.2 6.0 9.0
68 6.3 4.8 7.2

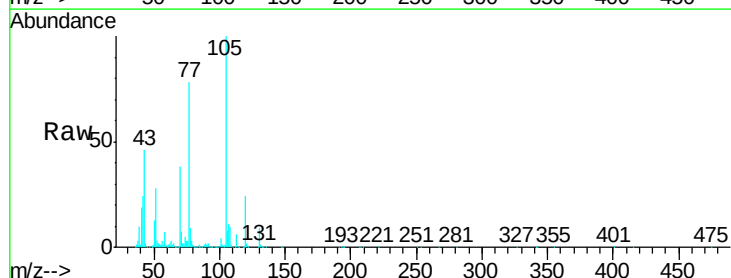


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

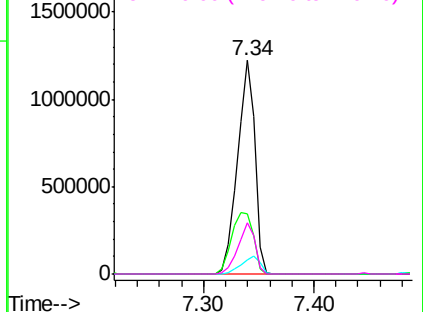
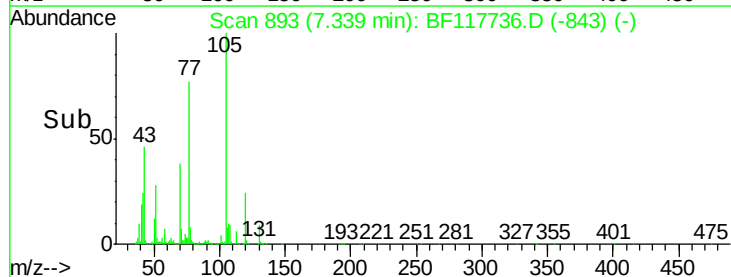


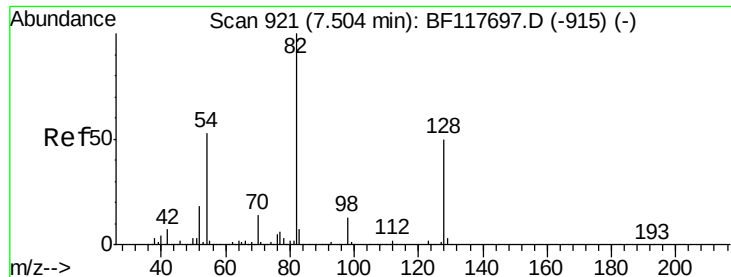
#22
Acetophenone
Concen: 42.364 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.01 min
Lab File: BF117736.D
Acq: 8 Nov 2019 17:36

Tgt Ion:105 Resp: 1353246
Ion Ratio Lower Upper
105 100
71 6.6 3.9 5.9#
51 28.1 23.0 34.4
120 23.9 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

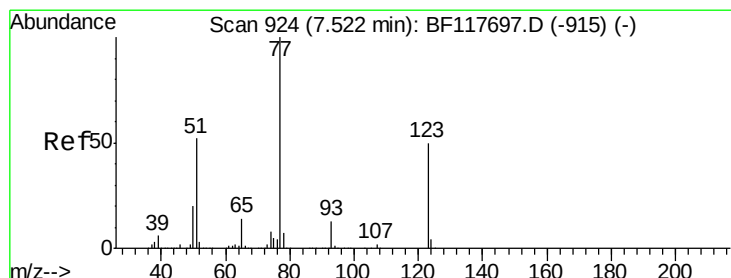
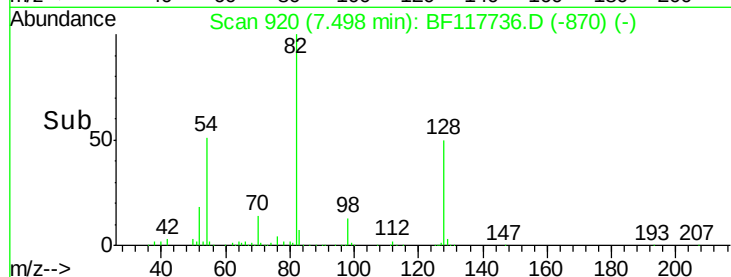
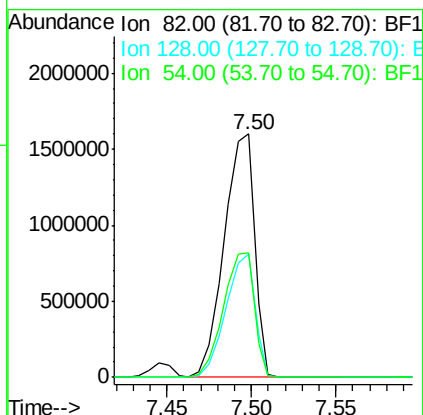
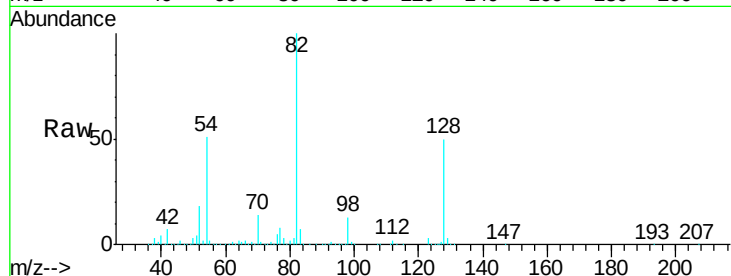




#23
 Nitrobenzene-d5
 Concen: 84.567 ng
 RT: 7.50 min Scan# 920
 Delta R.T. -0.01 min
 Lab File: BF117736.D
 Acq: 8 Nov 2019 17:36

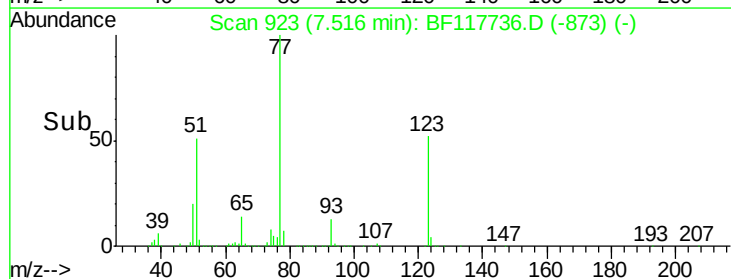
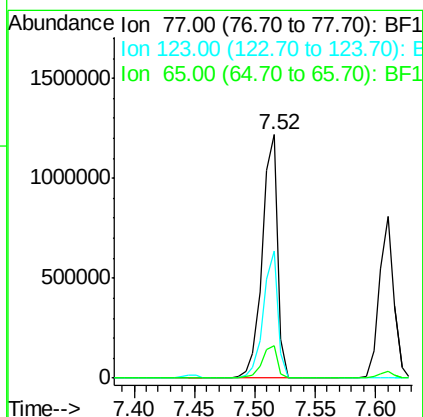
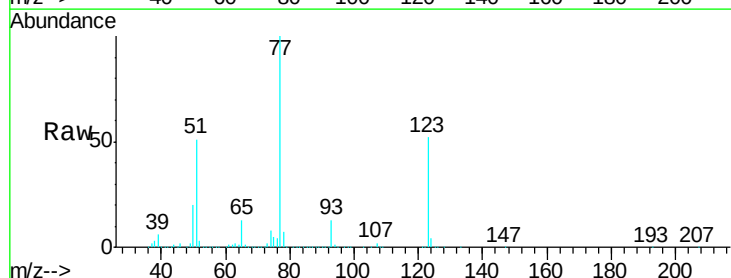
Instrument :
 BNA_F
 ClientSampleId :
 PB124647BS

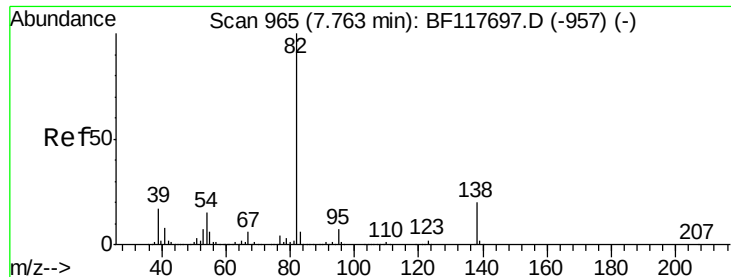
Tgt Ion: 82 Resp: 2001940
 Ion Ratio Lower Upper
 82 100
 128 50.4 40.2 60.2
 54 51.1 42.0 63.0



#24
 Nitrobenzene
 Concen: 43.643 ng
 RT: 7.52 min Scan# 923
 Delta R.T. -0.01 min
 Lab File: BF117736.D
 Acq: 8 Nov 2019 17:36

Tgt Ion: 77 Resp: 1078845
 Ion Ratio Lower Upper
 77 100
 123 52.2 40.4 60.6
 65 13.4 10.8 16.2





#25

Isophorone

Concen: 44.153 ng

RT: 7.76 min Scan# 964

Delta R.T. -0.01 min

Lab File: BF117736.D

Acq: 8 Nov 2019 17:36

Instrument :

BNA_F

ClientSampleId :

PB124647BS

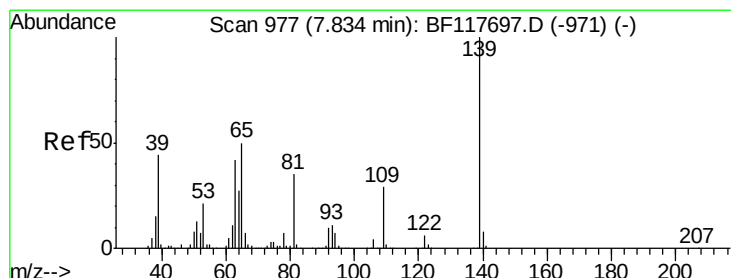
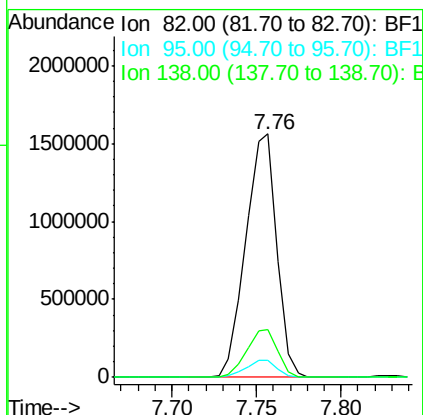
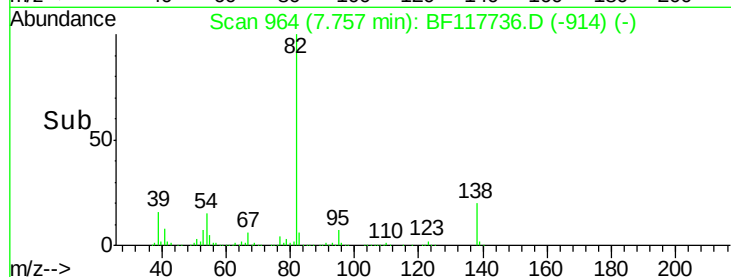
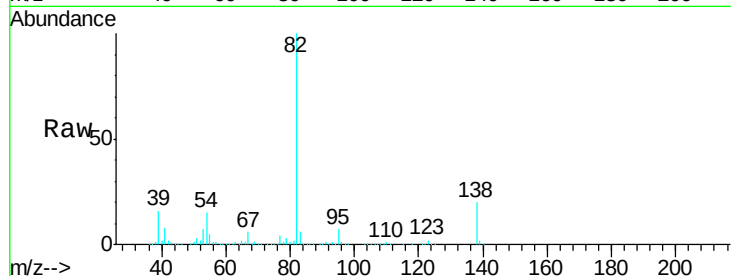
Tgt Ion: 82 Resp: 1999148

Ion Ratio Lower Upper

82 100

95 7.3 5.8 8.6

138 19.8 16.2 24.2



#26

2-Nitrophenol

Concen: 48.845 ng

RT: 7.83 min Scan# 976

Delta R.T. -0.01 min

Lab File: BF117736.D

Acq: 8 Nov 2019 17:36

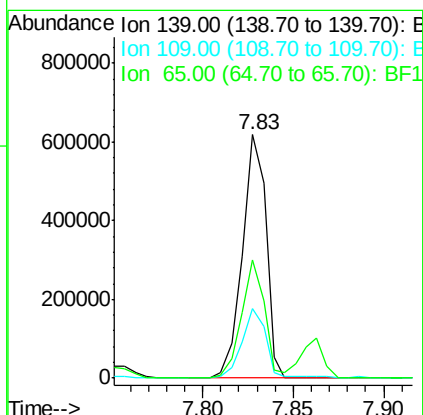
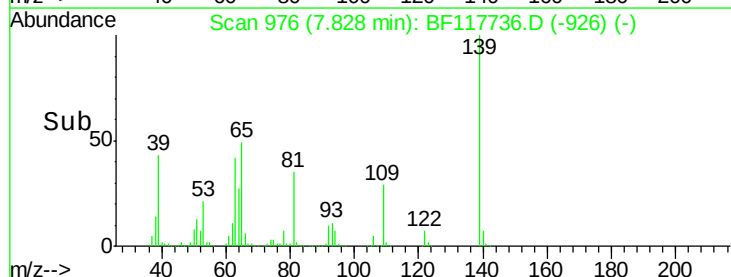
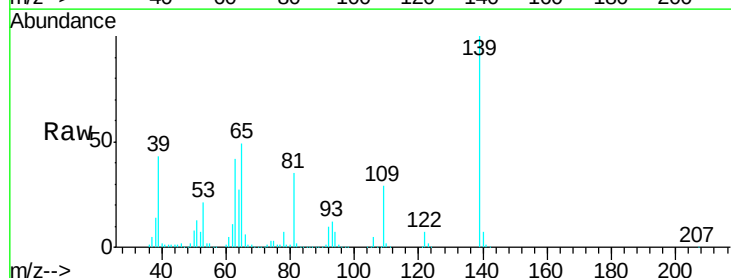
Tgt Ion: 139 Resp: 560551

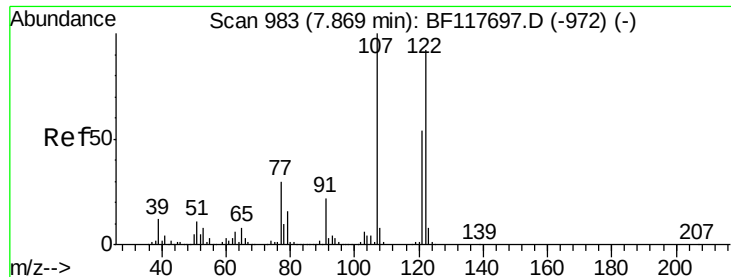
Ion Ratio Lower Upper

139 100

109 28.6 22.8 34.2

65 48.7 40.2 60.4





#27

2,4-Dimethylphenol

Concen: 51.078 ng

RT: 7.86 min Scan# 982

Delta R.T. -0.01 min

Lab File: BF117736.D

Acq: 8 Nov 2019 17:36

Instrument :

BNA_F

ClientSampleId :

PB124647BS

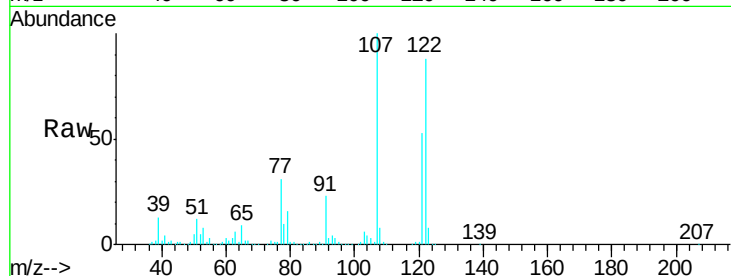
Tgt Ion:122 Resp: 988384

Ion Ratio Lower Upper

122 100

107 113.4 87.1 130.7

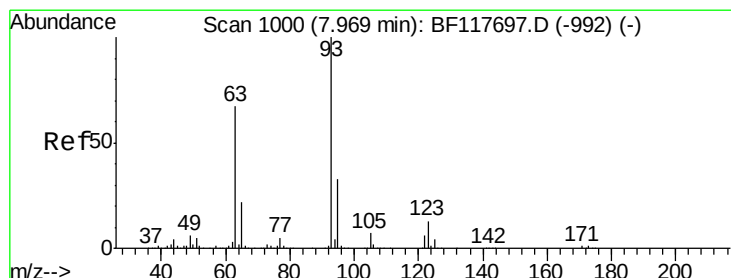
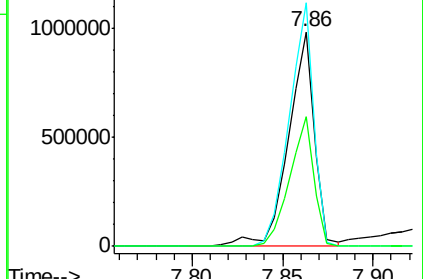
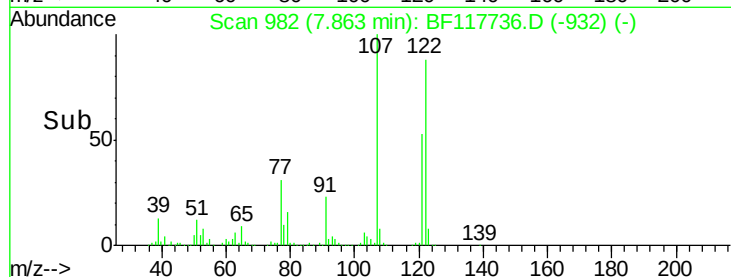
121 60.5 46.9 70.3



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 42.233 ng

RT: 7.96 min Scan# 999

Delta R.T. -0.01 min

Lab File: BF117736.D

Acq: 8 Nov 2019 17:36

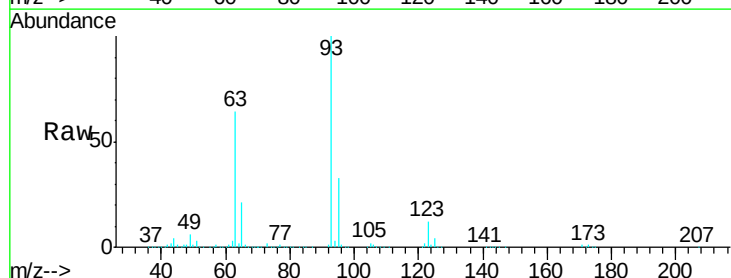
Tgt Ion: 93 Resp: 1227466

Ion Ratio Lower Upper

93 100

95 33.2 26.8 40.2

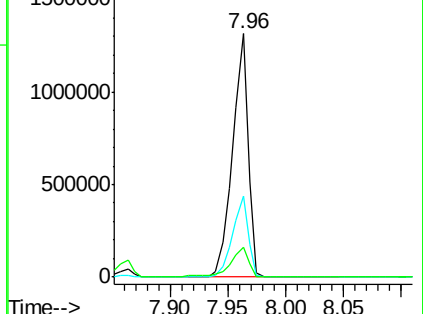
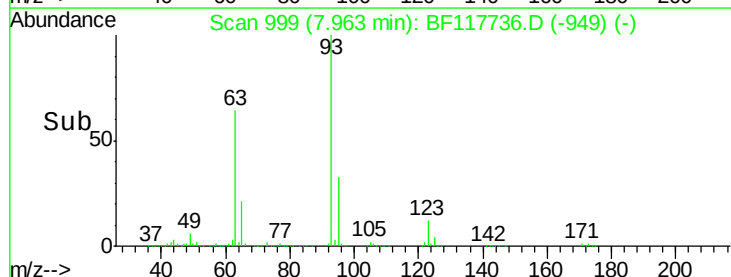
123 12.3 10.4 15.6

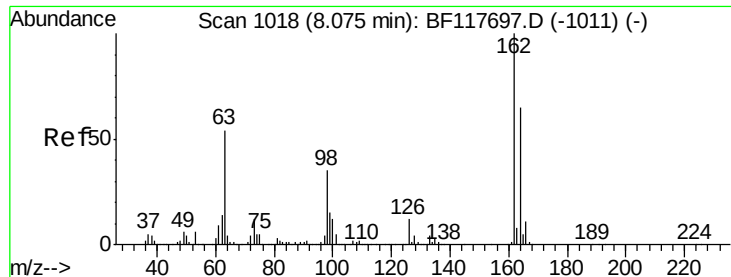


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

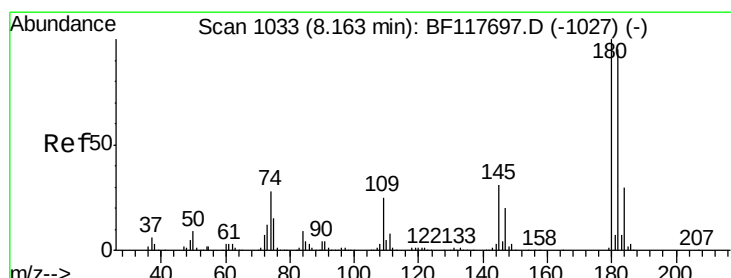
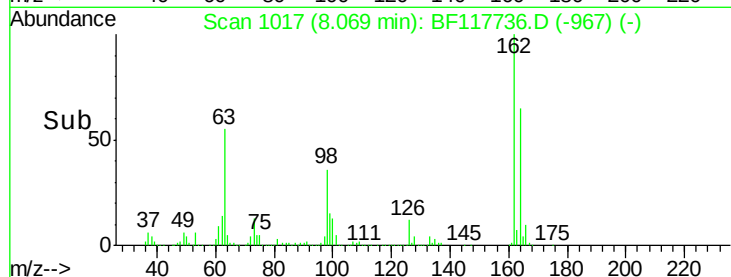
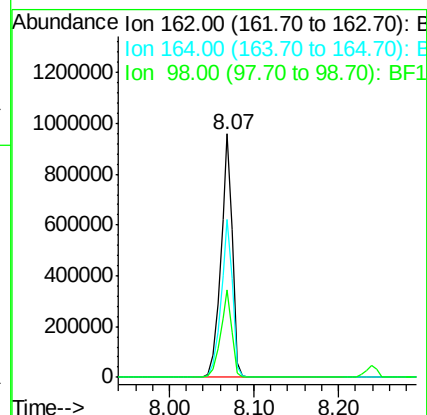
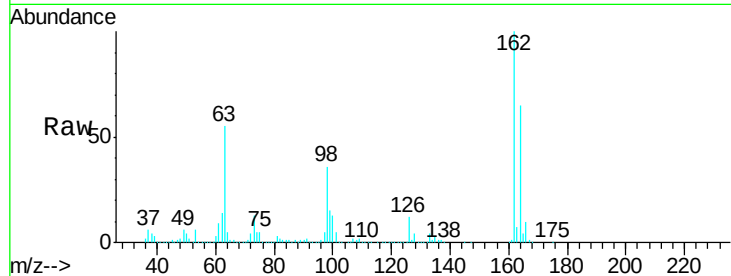




#29
2,4-Dichlorophenol
Concen: 46.550 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF117736.D
Acq: 8 Nov 2019 17:36

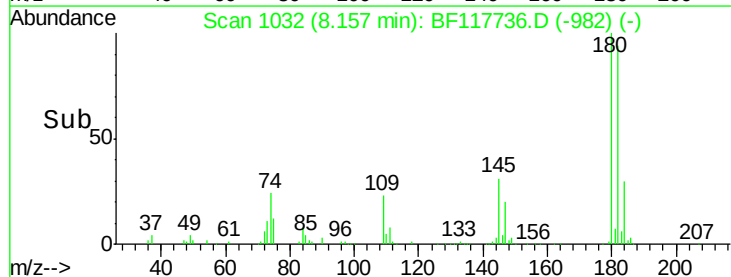
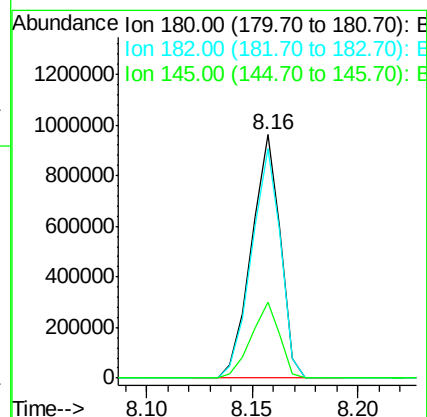
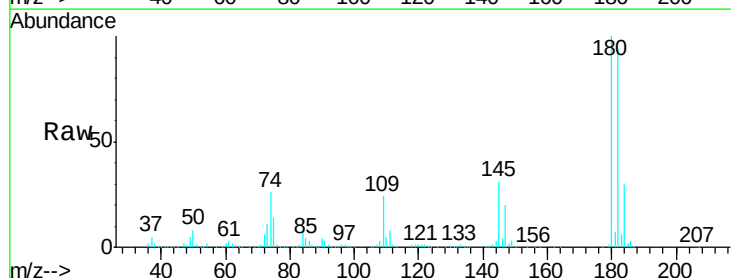
Instrument :
BNA_F
ClientSampleId :
PB124647BS

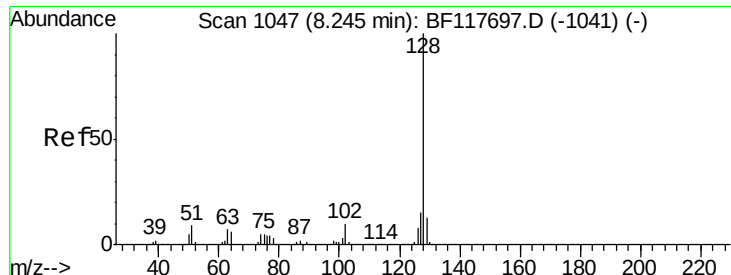
Tgt Ion:162 Resp: 928031
Ion Ratio Lower Upper
162 100
164 64.6 45.4 85.4
98 35.9 15.5 55.5



#30
1,2,4-Trichlorobenzene
Concen: 40.053 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF117736.D
Acq: 8 Nov 2019 17:36

Tgt Ion:180 Resp: 914091
Ion Ratio Lower Upper
180 100
182 94.4 76.0 114.0
145 30.9 25.0 37.4

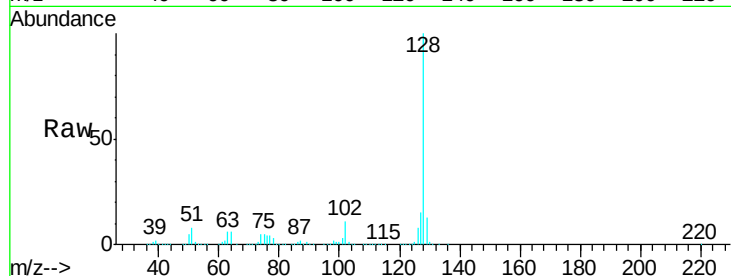




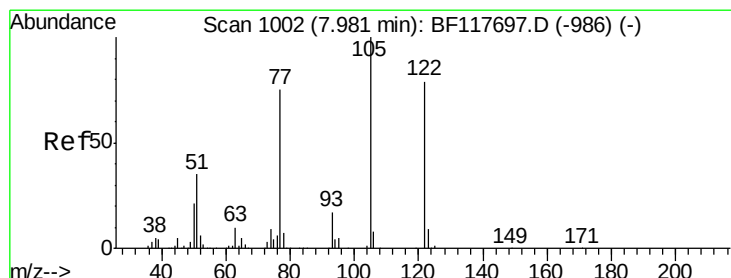
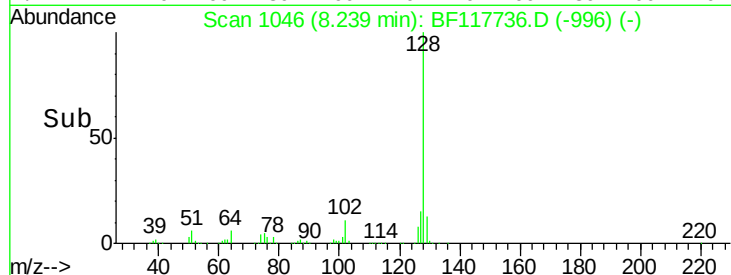
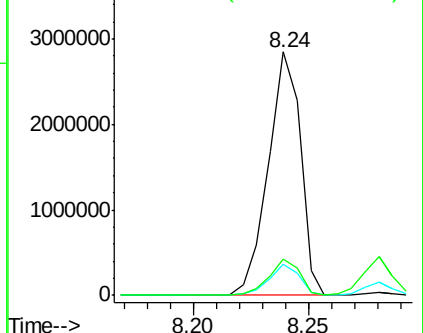
#31
Naphthalene
Concen: 43.259 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF117736.D
Acq: 8 Nov 2019 17:36

Instrument :
BNA_F
ClientSampleId :
PB124647BS

Tgt Ion:128 Resp: 2763483
Ion Ratio Lower Upper
128 100
129 12.6 10.1 15.1
127 14.7 11.8 17.6

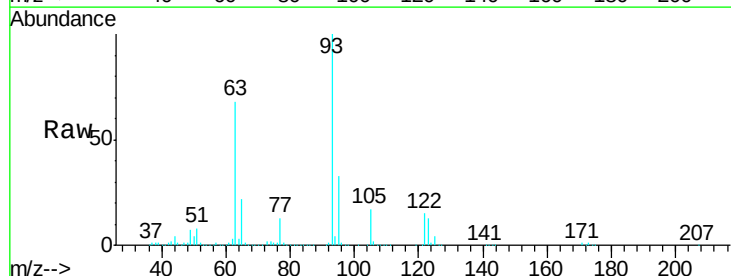


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

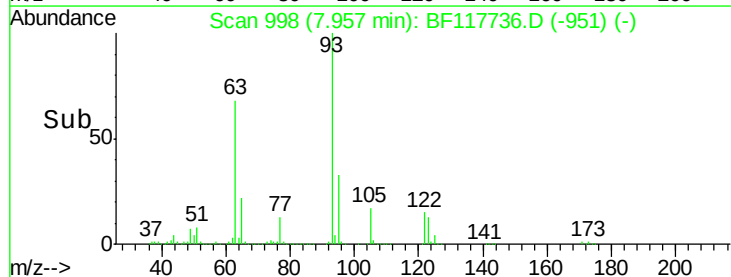
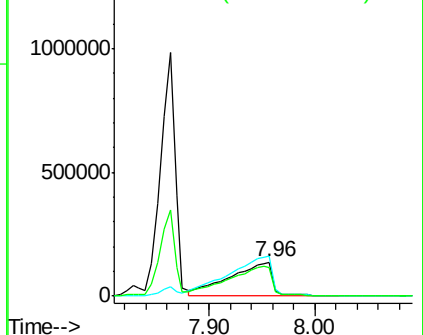


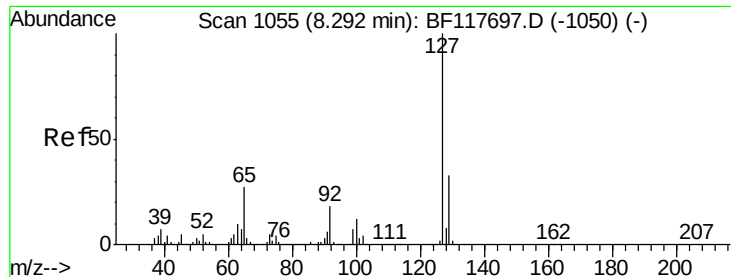
#32
Benzoic acid
Concen: 25.383 ng
RT: 7.96 min Scan# 998
Delta R.T. -0.02 min
Lab File: BF117736.D
Acq: 8 Nov 2019 17:36

Tgt Ion:122 Resp: 388809
Ion Ratio Lower Upper
122 100
105 117.6 102.8 142.8
77 86.3 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

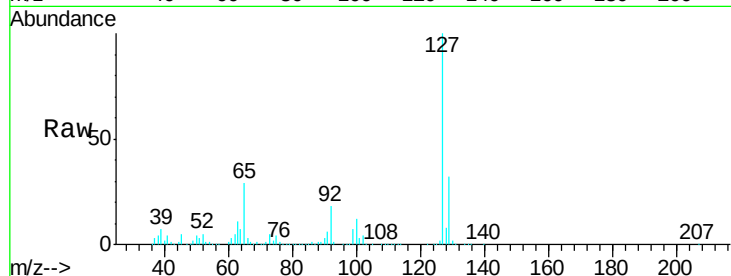




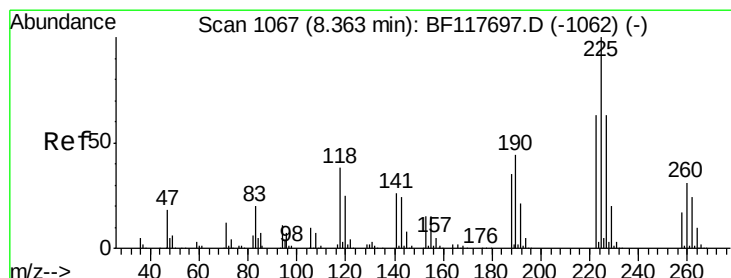
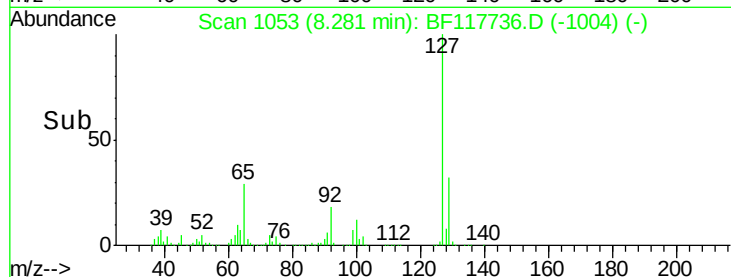
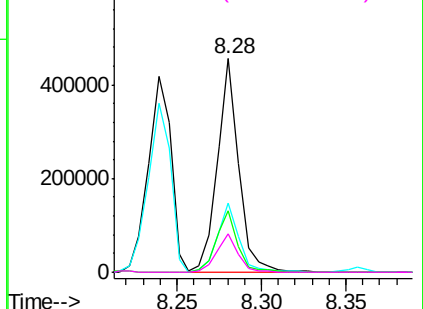
#33
 4-Chloroaniline
 Concen: 13.632 ng
 RT: 8.28 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: BF117736.D
 Acq: 8 Nov 2019 17:36

Instrument :
 BNA_F
 ClientSampleId :
 PB124647BS

Tgt Ion:	127	Resp:	404664
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.6	39.8
65	28.6	21.7	32.5
92	18.2	14.1	21.1

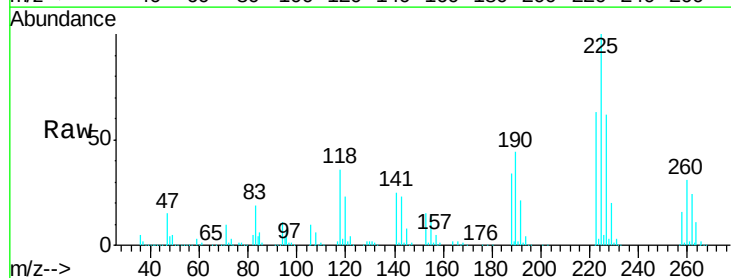


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1

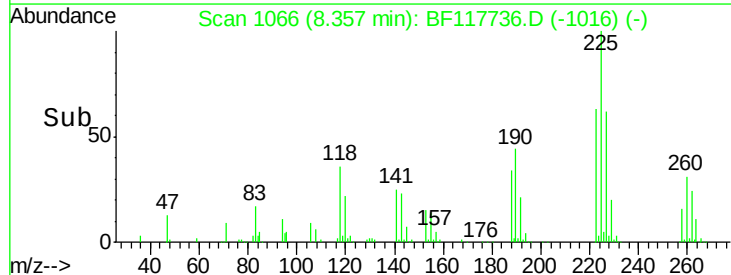
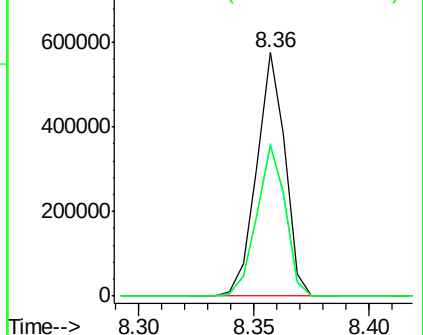


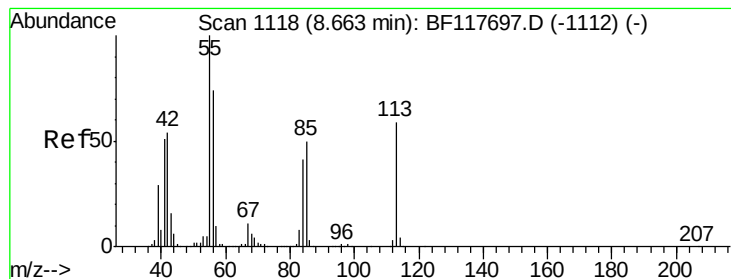
#34
 Hexachlorobutadiene
 Concen: 37.681 ng
 RT: 8.36 min Scan# 1066
 Delta R.T. -0.01 min
 Lab File: BF117736.D
 Acq: 8 Nov 2019 17:36

Tgt Ion:	225	Resp:	492469
Ion	Ratio	Lower	Upper
225	100		
223	62.8	50.1	75.1
227	61.7	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: 8.610 ng

RT: 8.65 min Scan# 1116

Delta R.T. -0.01 min

Lab File: BF117736.D

Acq: 8 Nov 2019 17:36

Instrument :

BNA_F

ClientSampleId :

PB124647BS

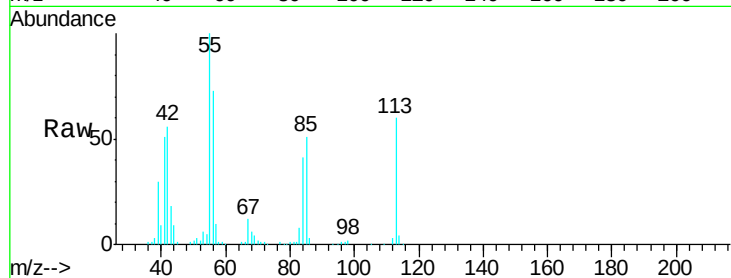
Tgt Ion:113 Resp: 56895

Ion Ratio Lower Upper

113 100

55 165.5 150.5 190.5

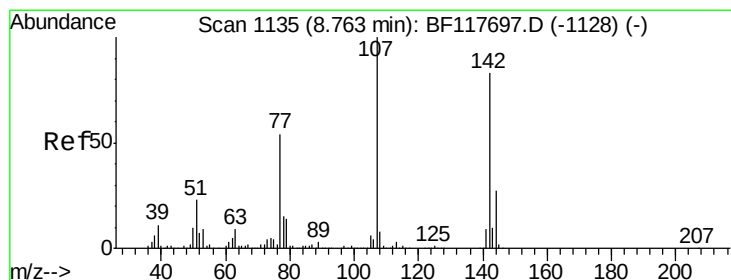
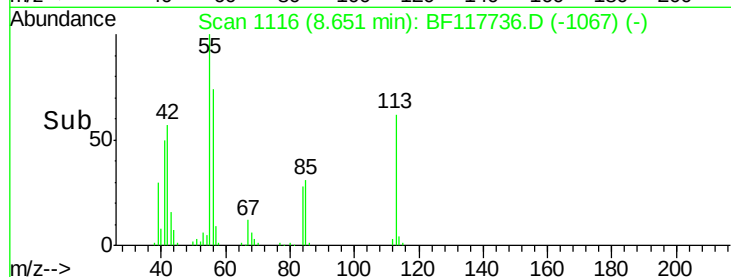
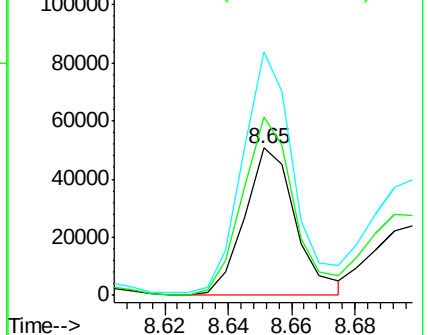
56 121.3 106.2 146.2



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: 49.185 ng

RT: 8.76 min Scan# 1134

Delta R.T. -0.01 min

Lab File: BF117736.D

Acq: 8 Nov 2019 17:36

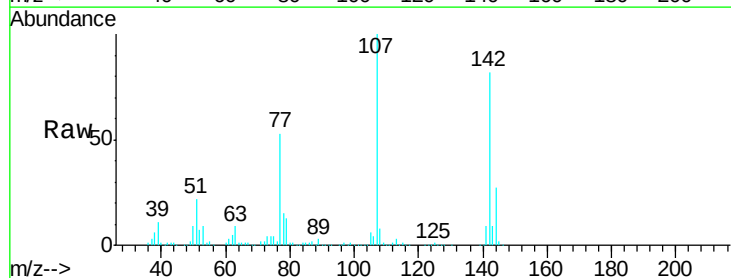
Tgt Ion:107 Resp: 989467

Ion Ratio Lower Upper

107 100

144 26.9 21.5 32.3

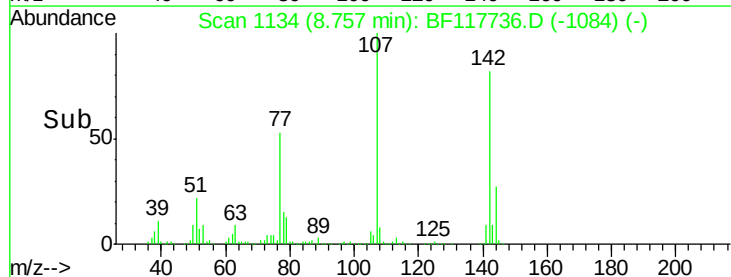
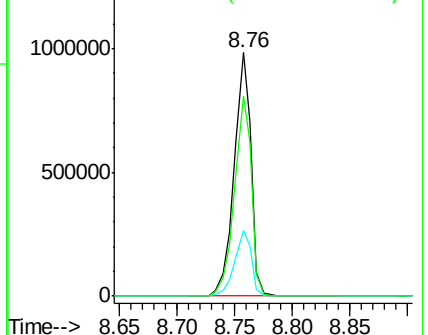
142 82.3 66.7 100.1

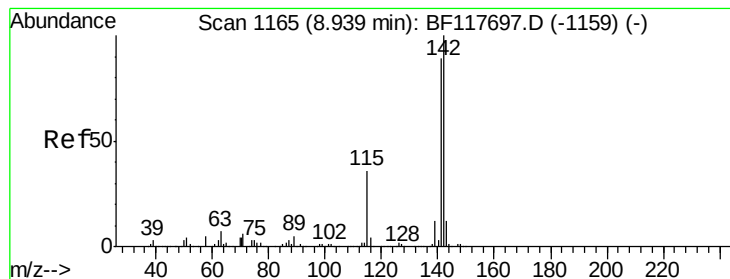


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 45.082 ng

RT: 8.93 min Scan# 1164

Delta R.T. -0.01 min

Lab File: BF117736.D

Acq: 8 Nov 2019 17:36

Instrument :

BNA_F

ClientSampleId :

PB124647BS

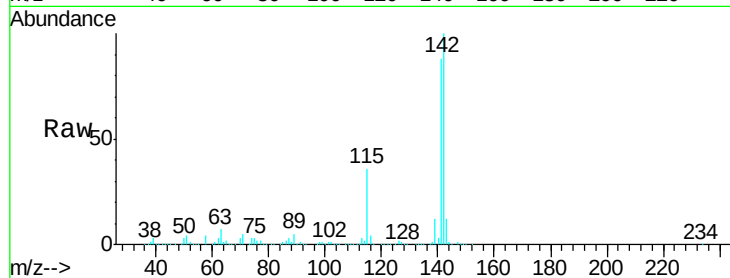
Tgt Ion:142 Resp: 1960632

Ion Ratio Lower Upper

142 100

141 88.5 71.5 107.3

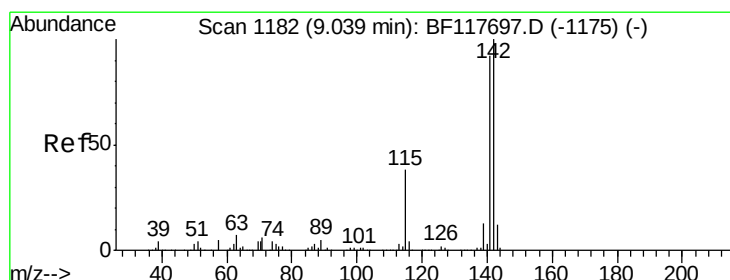
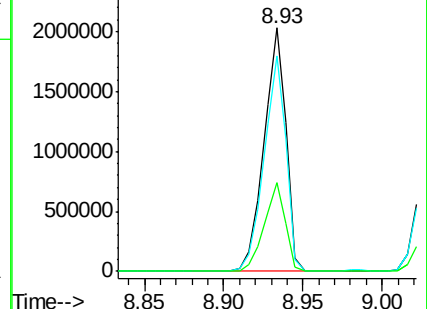
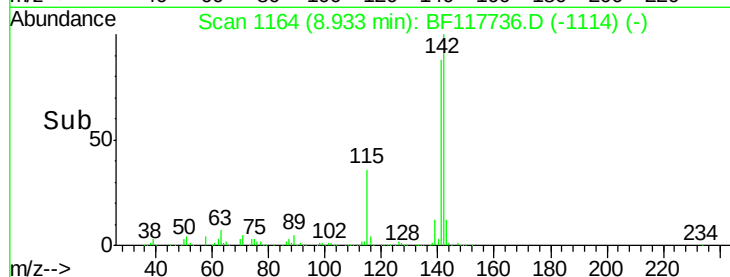
115 36.3 28.9 43.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 45.006 ng

RT: 9.03 min Scan# 1181

Delta R.T. -0.01 min

Lab File: BF117736.D

Acq: 8 Nov 2019 17:36

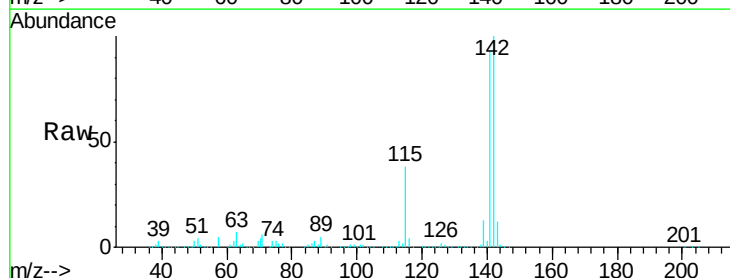
Tgt Ion:142 Resp: 1858729

Ion Ratio Lower Upper

142 100

141 92.8 73.3 109.9

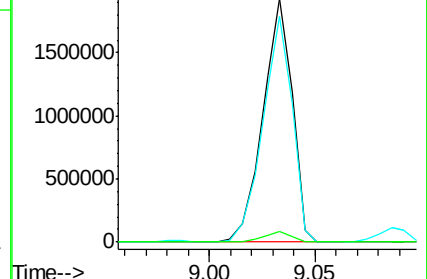
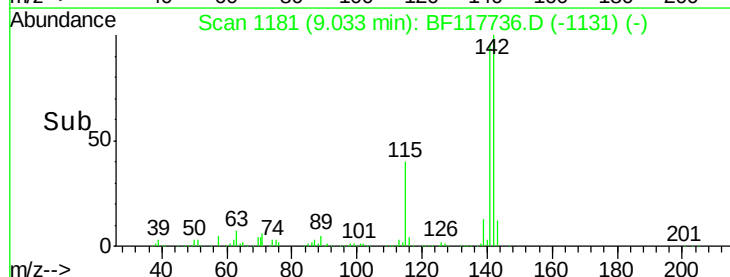
116 4.1 3.2 4.8

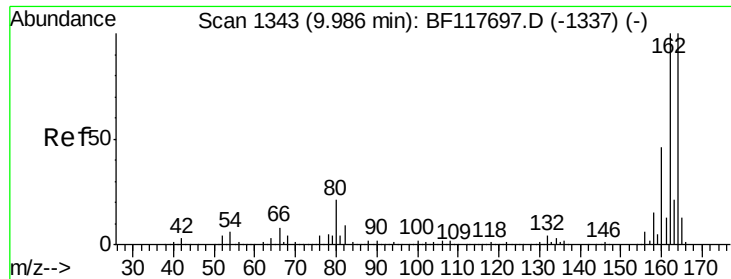


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.98 min Scan# 1342

Delta R.T. -0.01 min

Lab File: BF117736.D

Acq: 8 Nov 2019 17:36

Instrument :

BNA_F

ClientSampleId :

PB124647BS

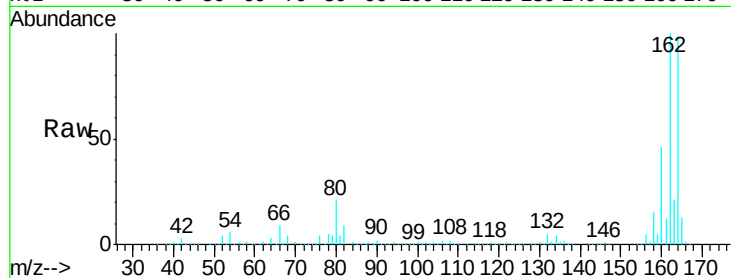
Tgt Ion:164 Resp: 769706

Ion Ratio Lower Upper

164 100

162 101.4 79.7 119.5

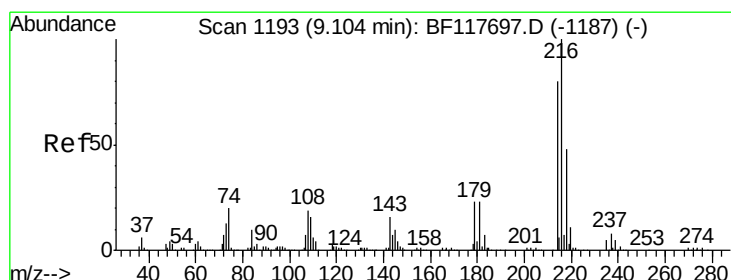
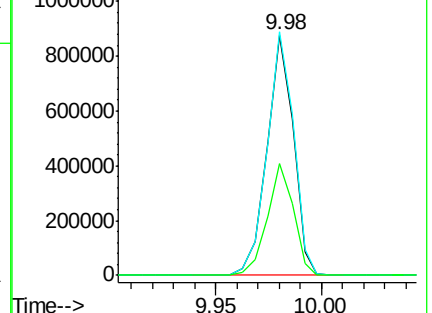
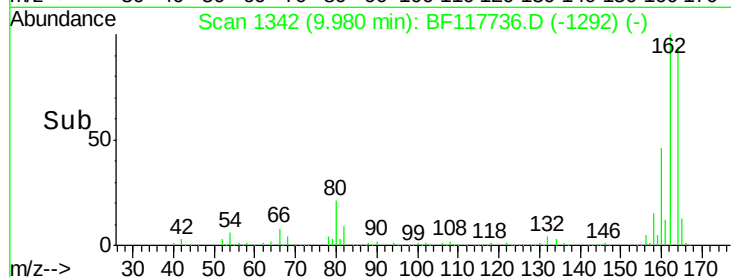
160 46.4 36.5 54.7



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: 40.466 ng

RT: 9.10 min Scan# 1192

Delta R.T. -0.01 min

Lab File: BF117736.D

Acq: 8 Nov 2019 17:36

Tgt Ion:216 Resp: 852097

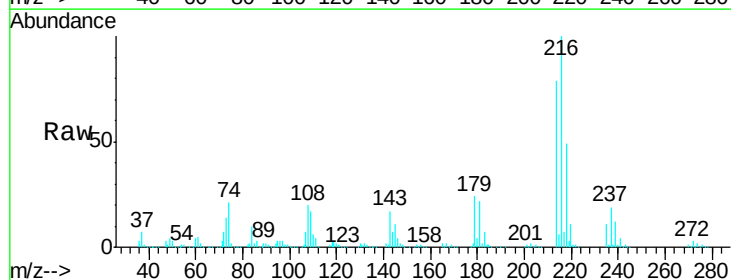
Ion Ratio Lower Upper

216 100

214 78.4 63.6 95.4

179 22.8 18.1 27.1

108 21.8 16.4 24.6

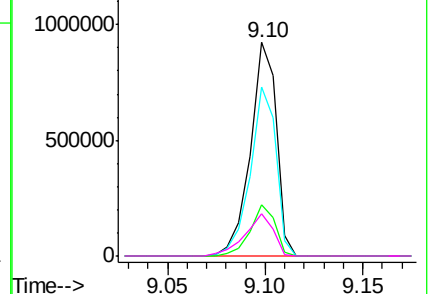
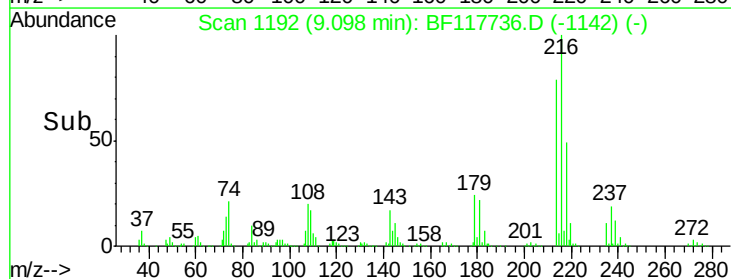


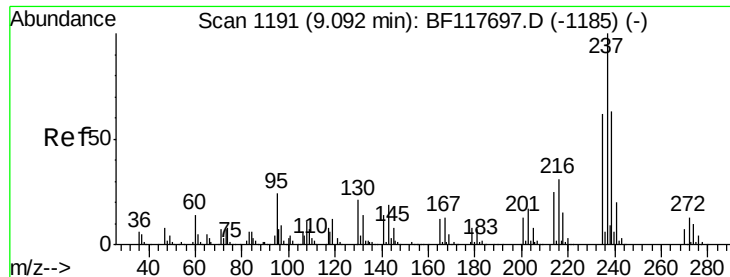
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 74.411 ng

RT: 9.09 min Scan# 1190

Delta R.T. -0.01 min

Lab File: BF117736.D

Acq: 8 Nov 2019 17:36

Instrument :

BNA_F

ClientSampleId :

PB124647BS

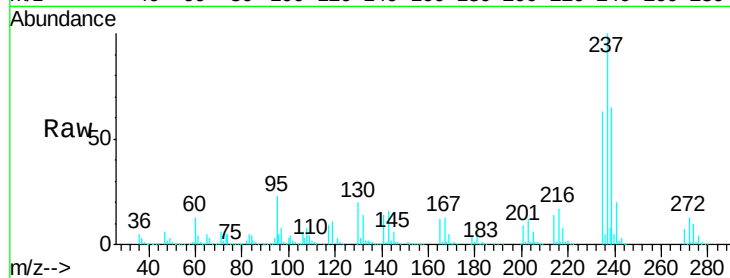
Tgt Ion: 237 Resp: 845310

Ion Ratio Lower Upper

237 100

235 63.1 42.2 82.2

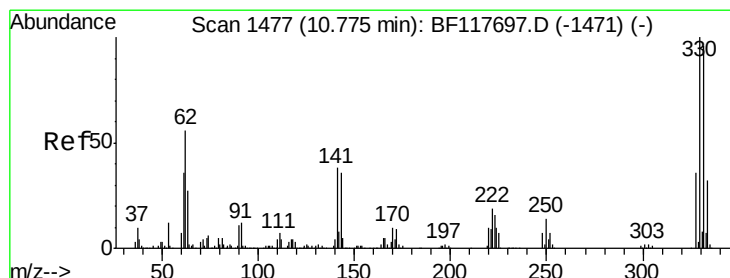
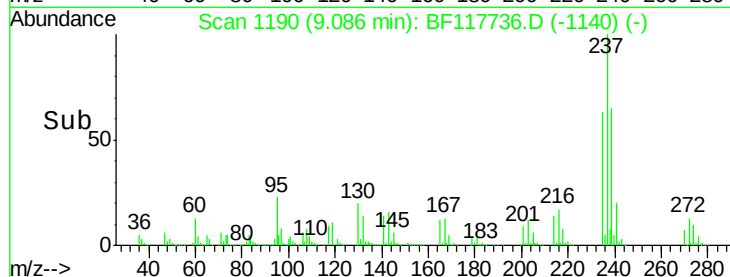
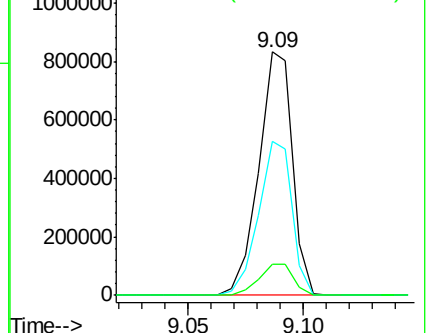
272 12.8 0.0 32.8



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: 131.616 ng

RT: 10.77 min Scan# 1477

Delta R.T. -0.00 min

Lab File: BF117736.D

Acq: 8 Nov 2019 17:36

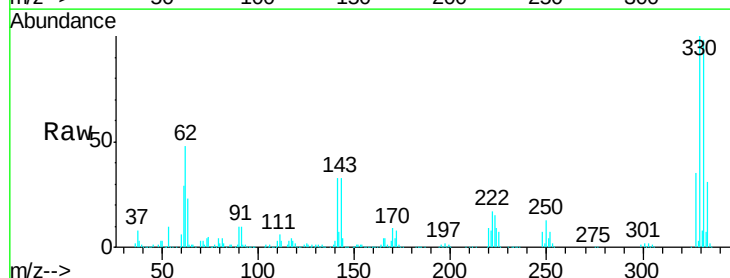
Tgt Ion: 330 Resp: 990997

Ion Ratio Lower Upper

330 100

332 97.3 77.4 116.0

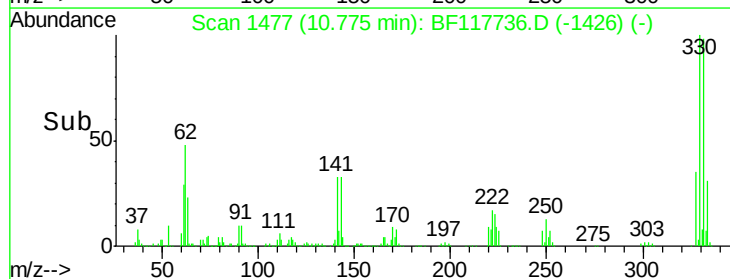
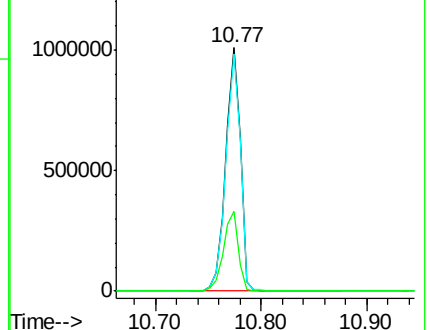
141 33.3 28.0 42.0

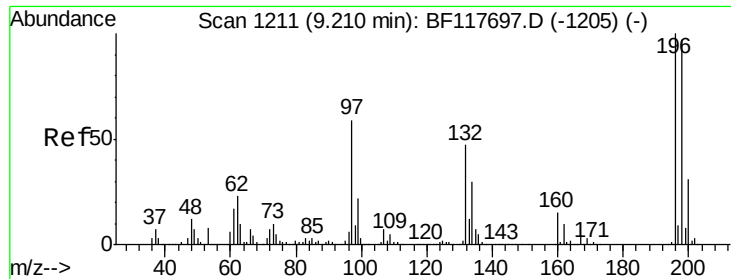


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

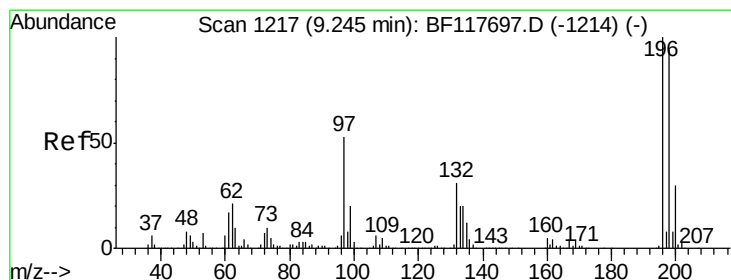
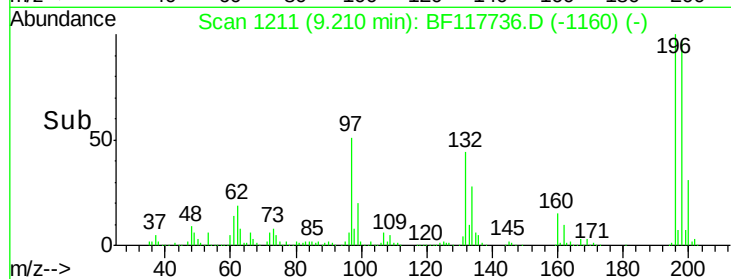
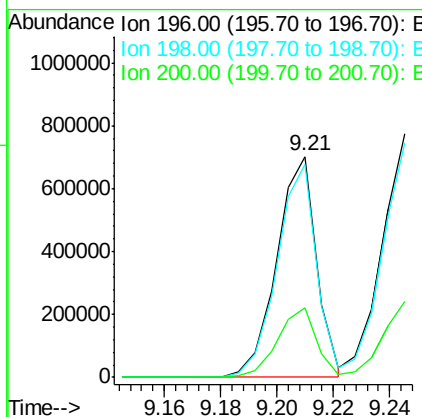
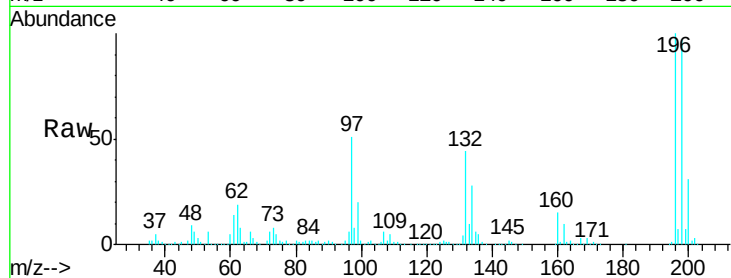




#43
 2,4,6-Trichlorophenol
 Concen: 44.514 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.00 min
 Lab File: BF117736.D
 Acq: 8 Nov 2019 17:36

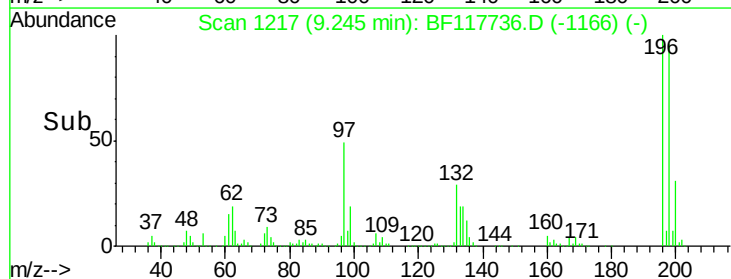
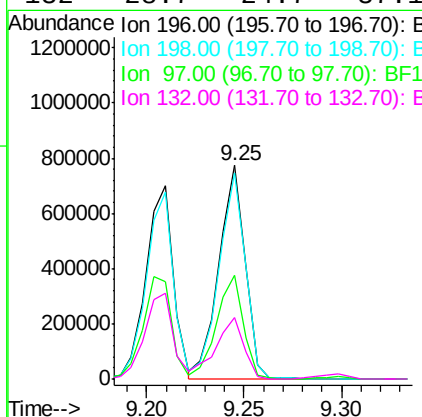
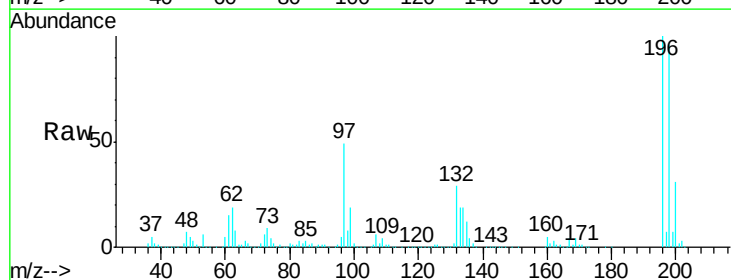
Instrument :
 BNA_F
 ClientSampleID :
 PB124647BS

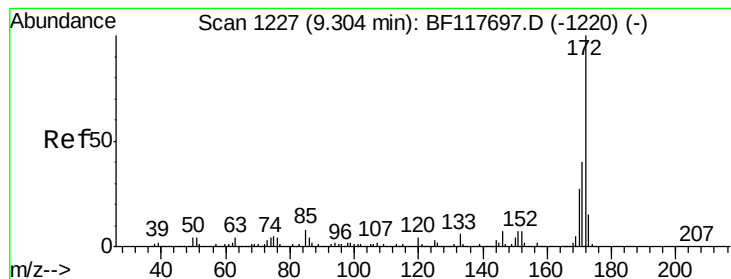
Tgt Ion:196 Resp: 682682
 Ion Ratio Lower Upper
 196 100
 198 96.8 77.8 116.6
 200 31.4 25.0 37.6



#44
 2,4,5-Trichlorophenol
 Concen: 46.622 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: BF117736.D
 Acq: 8 Nov 2019 17:36

Tgt Ion:196 Resp: 724756
 Ion Ratio Lower Upper
 196 100
 198 96.2 75.4 113.0
 97 48.6 42.5 63.7
 132 28.7 24.7 37.1





#45

2-Fluorobiphenyl

Concen: 88.891 ng

RT: 9.30 min Scan# 1226

Delta R.T. -0.01 min

Lab File: BF117736.D

Acq: 8 Nov 2019 17:36

Instrument :

BNA_F

ClientSampleId :

PB124647BS

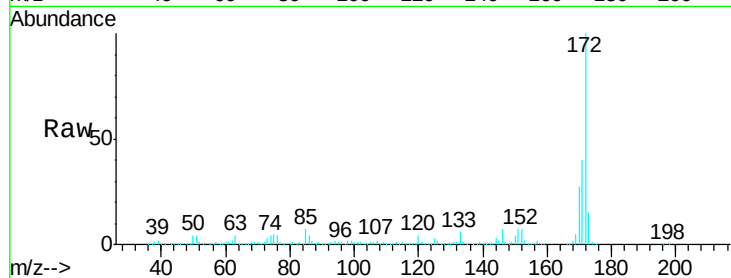
Tgt Ion:172 Resp: 3467779

Ion Ratio Lower Upper

172 100

171 39.8 31.8 47.8

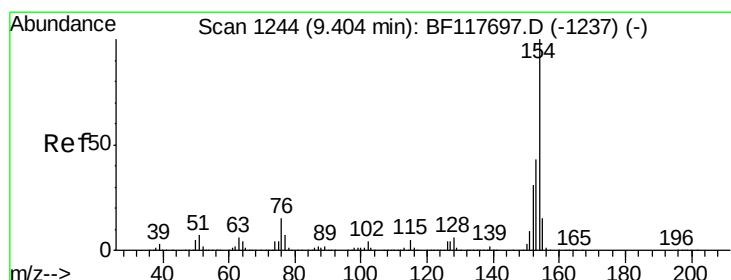
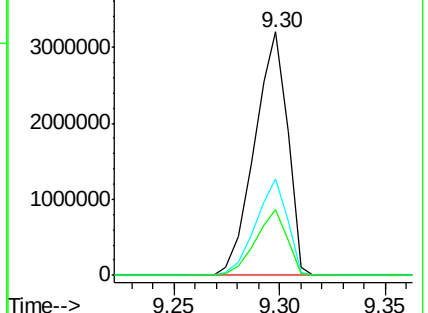
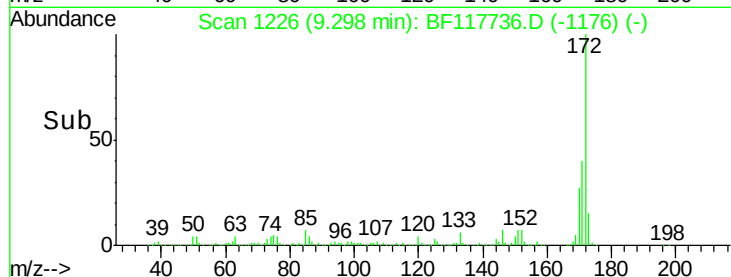
170 27.2 21.6 32.4



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: 43.684 ng

RT: 9.40 min Scan# 1243

Delta R.T. -0.01 min

Lab File: BF117736.D

Acq: 8 Nov 2019 17:36

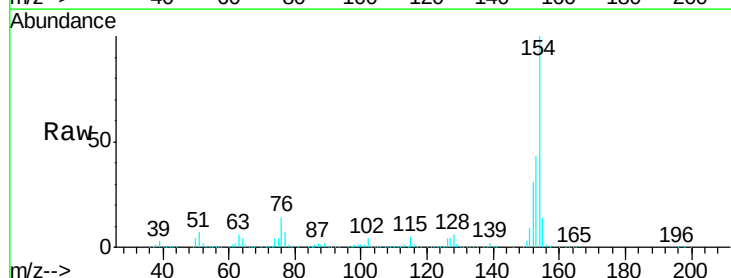
Tgt Ion:154 Resp: 2354852

Ion Ratio Lower Upper

154 100

153 42.9 23.2 63.2

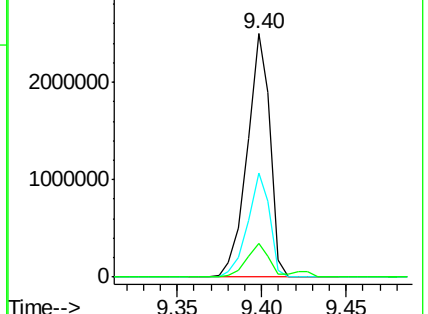
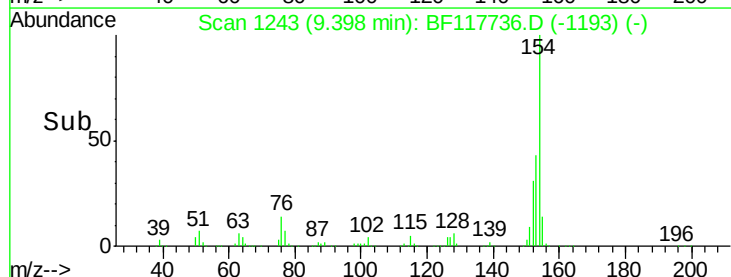
76 13.9 0.0 34.7

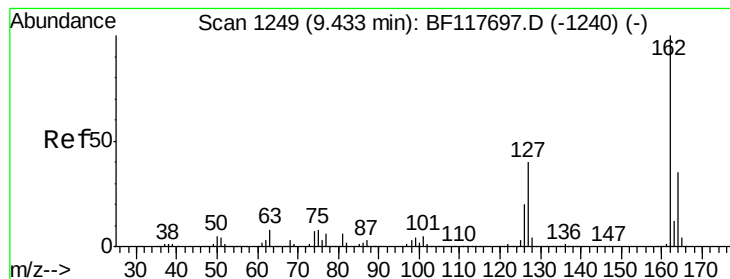


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





#47

2-Chloronaphthalene

Concen: 42.104 ng

RT: 9.43 min Scan# 1248

Delta R.T. -0.01 min

Lab File: BF117736.D

Acq: 8 Nov 2019 17:36

Instrument :

BNA_F

ClientSampleId :

PB124647BS

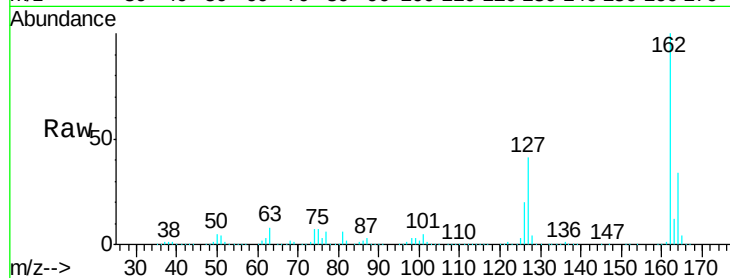
Tgt Ion: 162 Resp: 1883556

Ion Ratio Lower Upper

162 100

127 41.0 32.2 48.4

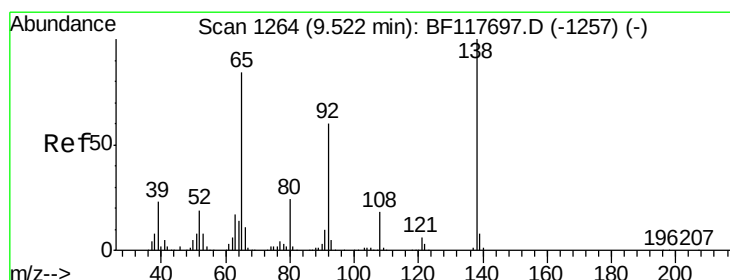
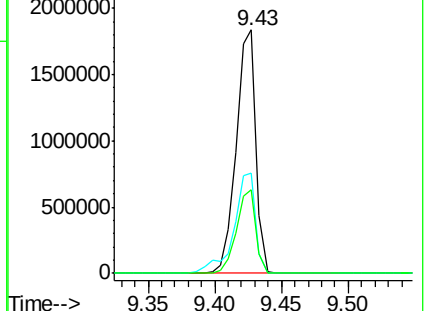
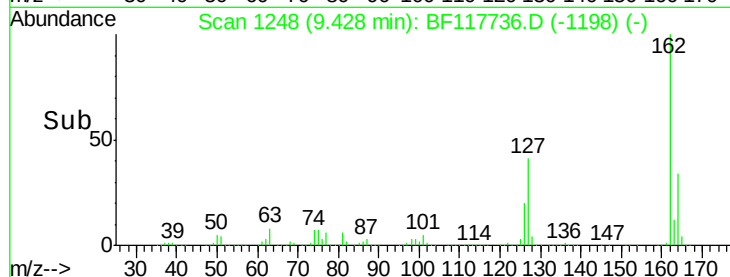
164 34.3 28.1 42.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 43.988 ng

RT: 9.52 min Scan# 1263

Delta R.T. -0.01 min

Lab File: BF117736.D

Acq: 8 Nov 2019 17:36

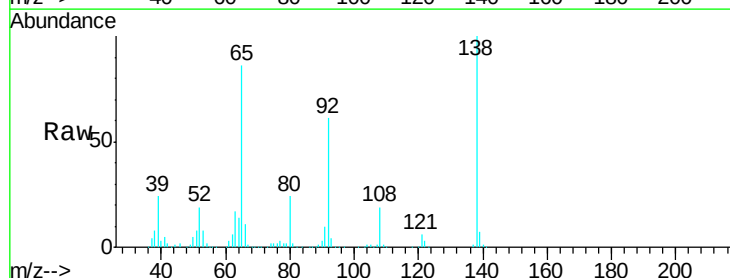
Tgt Ion: 65 Resp: 616665

Ion Ratio Lower Upper

65 100

92 71.0 57.3 85.9

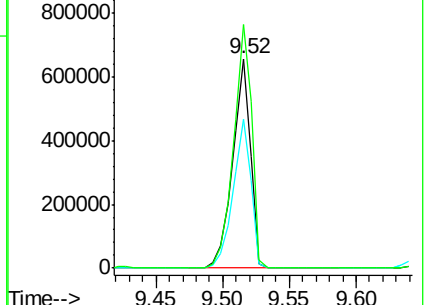
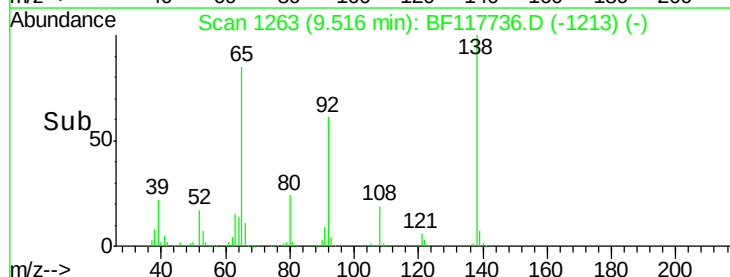
138 116.5 95.0 142.6

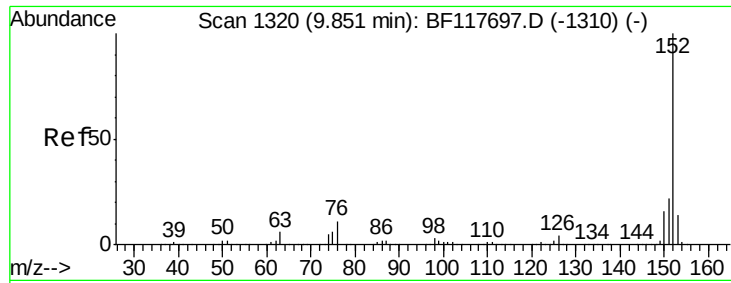


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 44.654 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BF117736.D

Acq: 8 Nov 2019 17:36

Instrument :

BNA_F

ClientSampleId :

PB124647BS

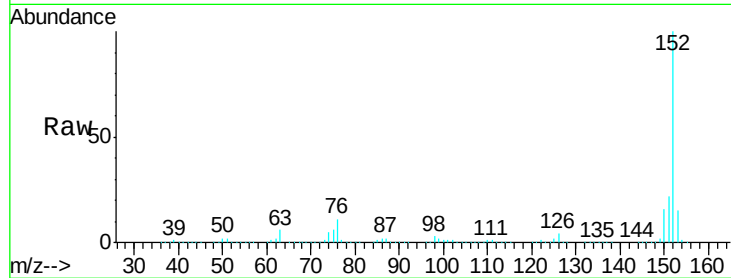
Tgt Ion:152 Resp: 2909134

Ion Ratio Lower Upper

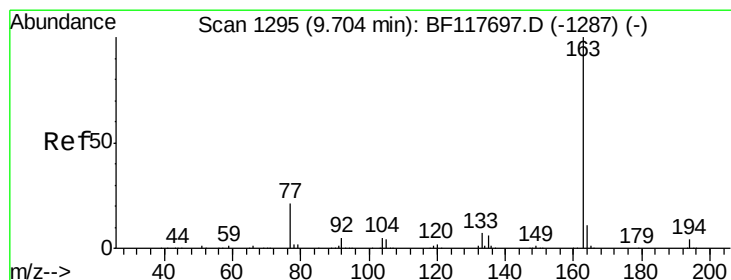
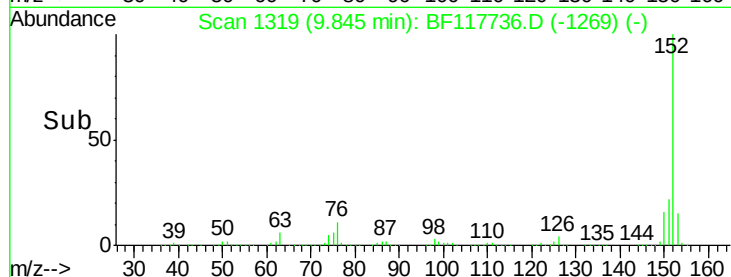
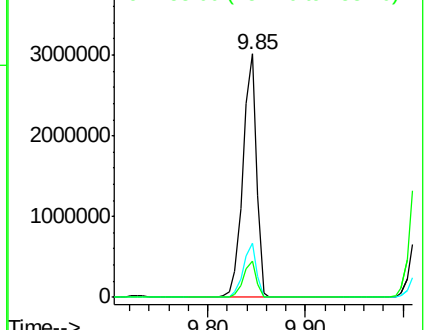
152 100

151 22.2 17.8 26.6

153 14.9 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: 44.020 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.00 min

Lab File: BF117736.D

Acq: 8 Nov 2019 17:36

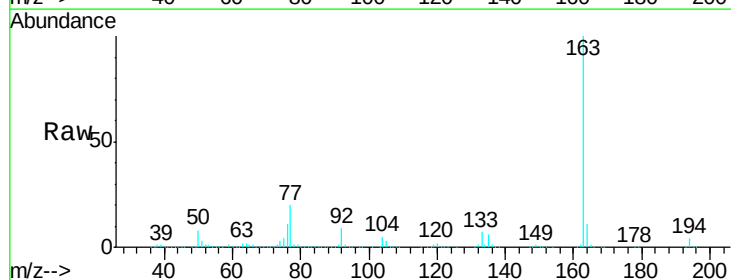
Tgt Ion:163 Resp: 2290569

Ion Ratio Lower Upper

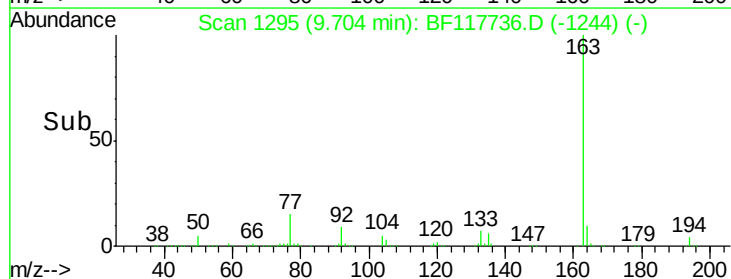
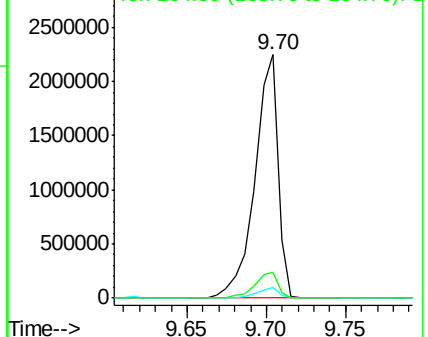
163 100

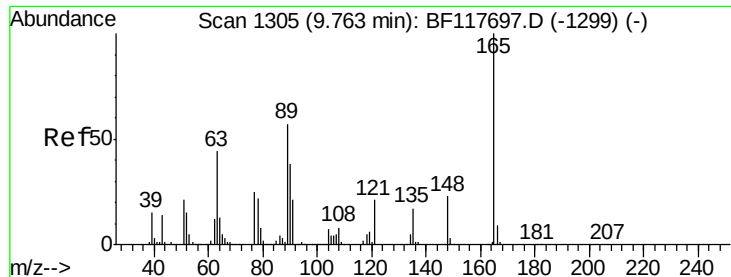
194 4.3 3.4 5.0

164 10.5 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: 46.144 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF117736.D

Acq: 8 Nov 2019 17:36

Instrument :

BNA_F

ClientSampleId :

PB124647BS

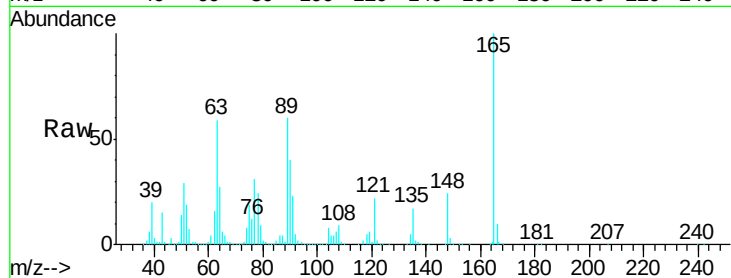
Tgt Ion:165 Resp: 537665

Ion Ratio Lower Upper

165 100

63 58.9 45.6 68.4

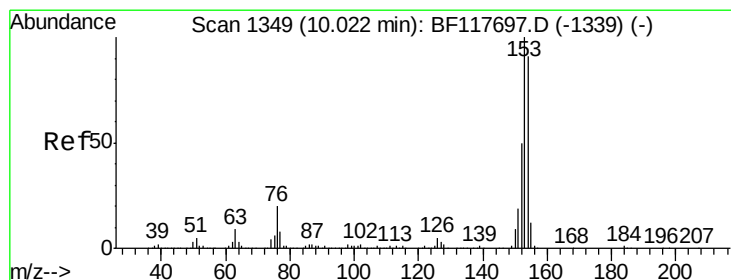
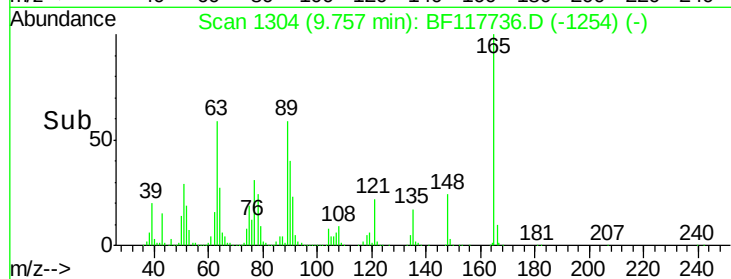
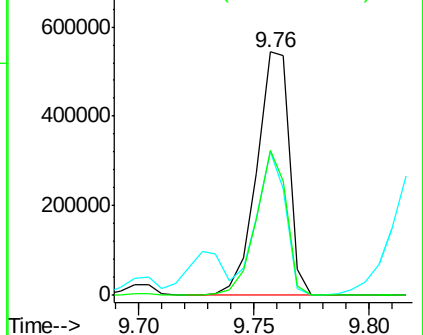
89 59.5 45.8 68.6



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 44.044 ng

RT: 10.02 min Scan# 1348

Delta R.T. -0.01 min

Lab File: BF117736.D

Acq: 8 Nov 2019 17:36

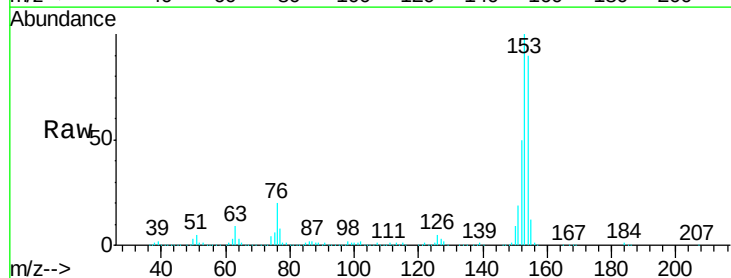
Tgt Ion:154 Resp: 1851591

Ion Ratio Lower Upper

154 100

153 111.2 87.8 131.6

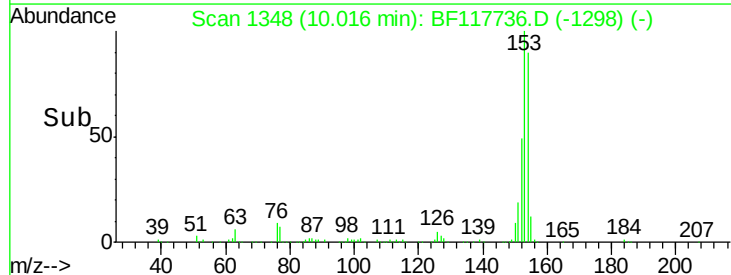
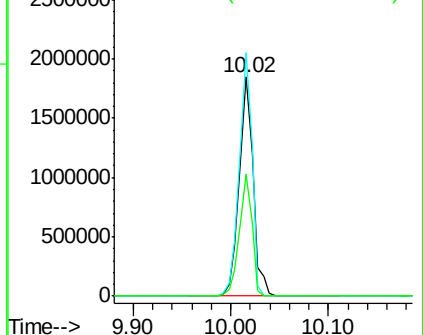
152 55.5 43.5 65.3

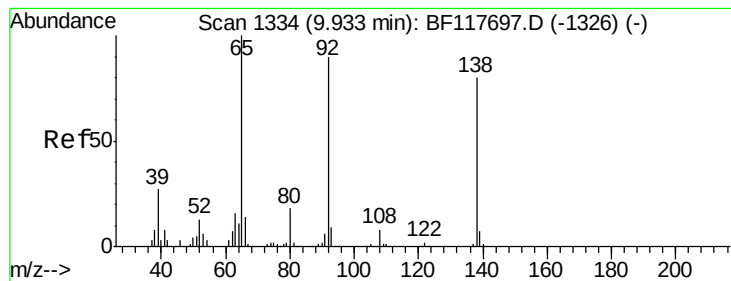


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 23.633 ng

RT: 9.93 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BF117736.D

Acq: 8 Nov 2019 17:36

Instrument :

BNA_F

ClientSampleId :

PB124647BS

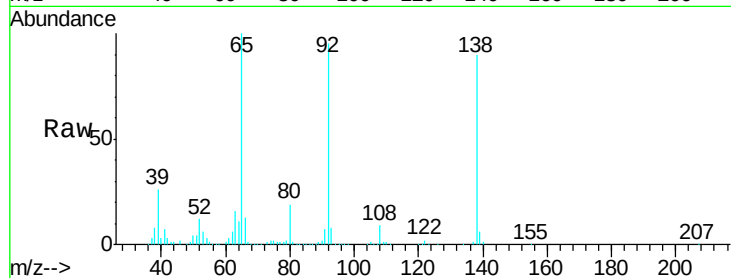
Tgt Ion:138 Resp: 332221

Ion Ratio Lower Upper

138 100

108 10.5 8.5 12.7

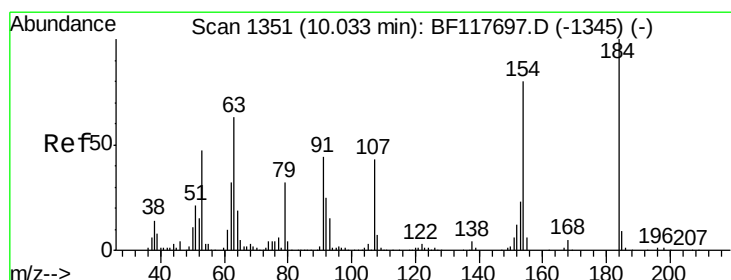
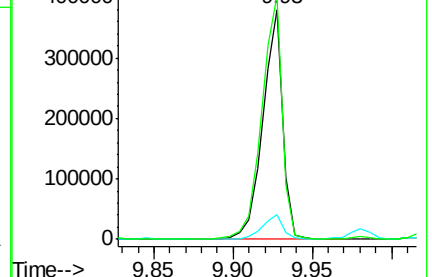
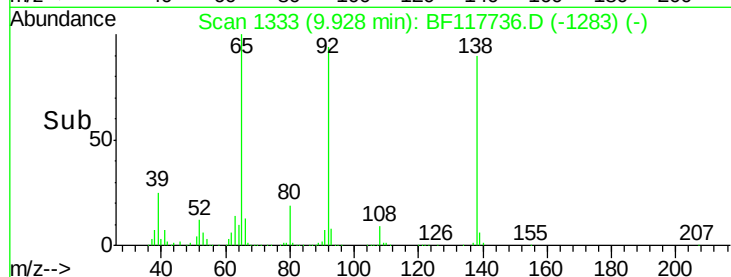
92 105.9 89.8 134.8



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: 67.818 ng

RT: 10.03 min Scan# 1351

Delta R.T. -0.00 min

Lab File: BF117736.D

Acq: 8 Nov 2019 17:36

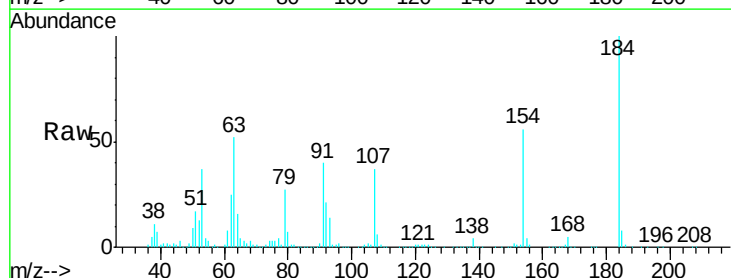
Tgt Ion:184 Resp: 270904

Ion Ratio Lower Upper

184 100

63 51.8 51.4 77.0

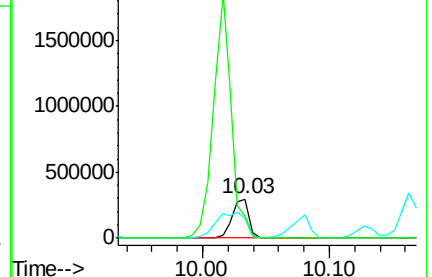
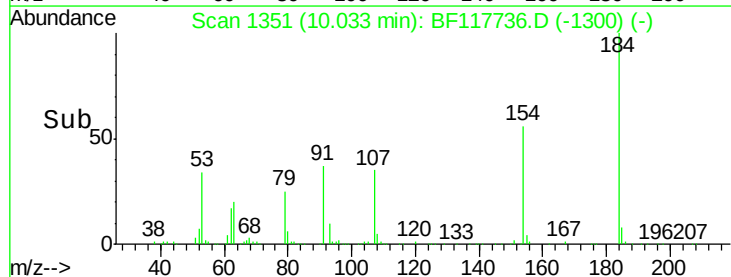
154 56.5 70.2 105.2#

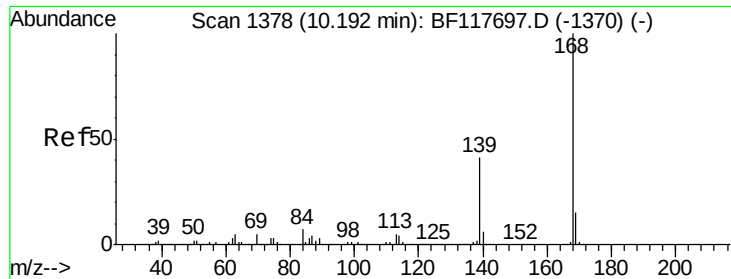


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzenofuran

Concen: 44.491 ng

RT: 10.19 min Scan# 1377

Delta R.T. -0.01 min

Lab File: BF117736.D

Acq: 8 Nov 2019 17:36

Instrument :

BNA_F

ClientSampleId :

PB124647BS

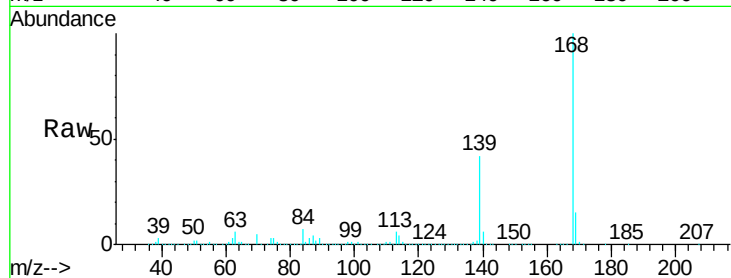
Tgt Ion:168 Resp: 2617193

Ion Ratio Lower Upper

168 100

139 42.0 33.2 49.8

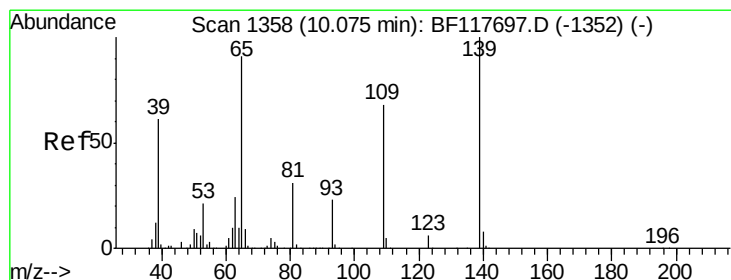
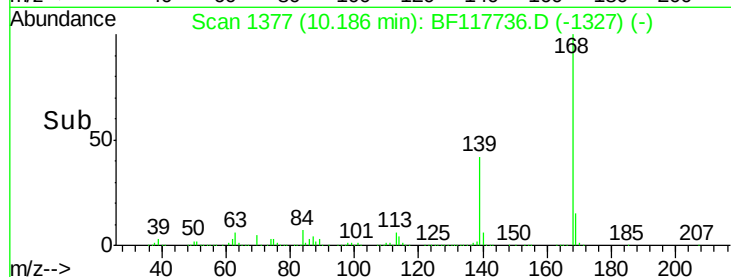
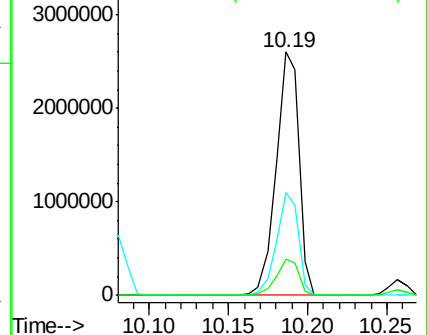
169 15.0 11.7 17.5



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 61.723 ng

RT: 10.08 min Scan# 1359

Delta R.T. 0.01 min

Lab File: BF117736.D

Acq: 8 Nov 2019 17:36

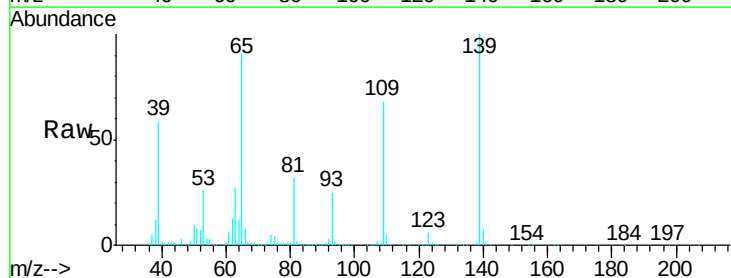
Tgt Ion:139 Resp: 652517

Ion Ratio Lower Upper

139 100

109 68.4 47.7 87.7

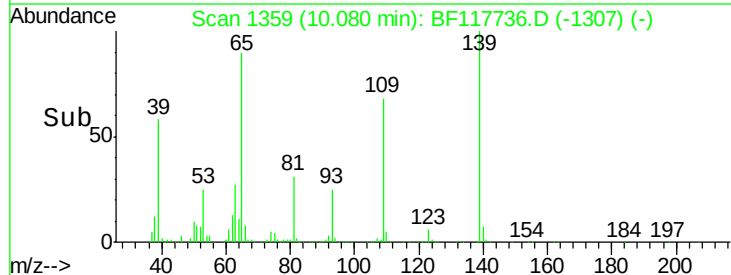
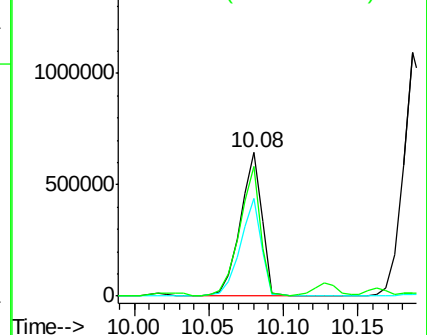
65 90.6 71.9 111.9

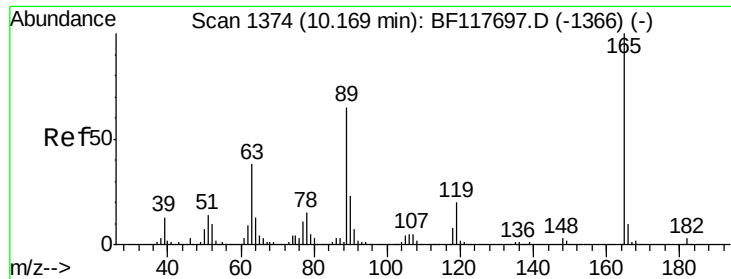


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

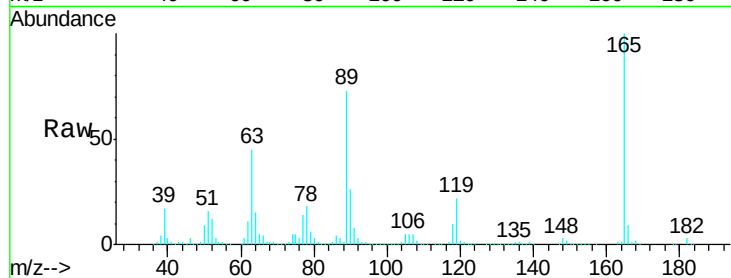




#57
2,4-Dinitrotoluene
Concen: 48.539 ng
RT: 10.16 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BF117736.D
Acq: 8 Nov 2019 17:36

Instrument :
BNA_F
ClientSampleId :
PB124647BS

Tgt Ion	Ratio	Lower	Upper
165	100		
63	45.1	30.4	45.6
89	72.5	52.2	78.4
182	2.8	2.3	3.5



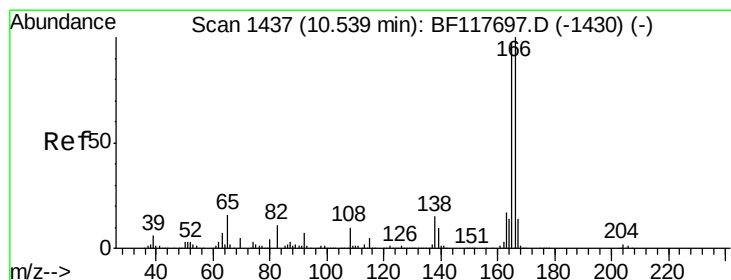
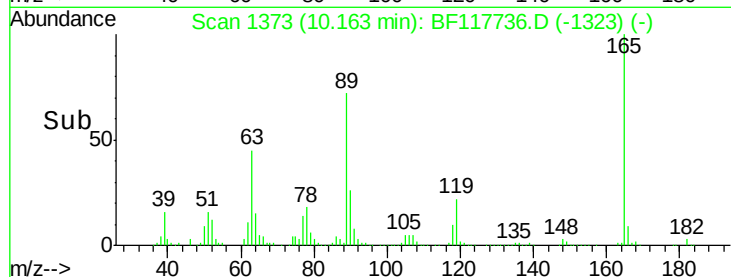
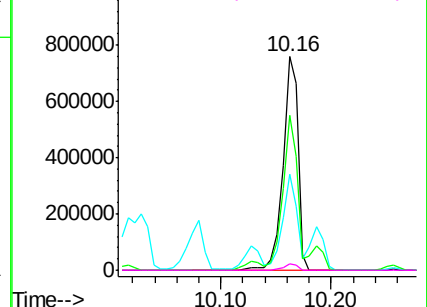
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

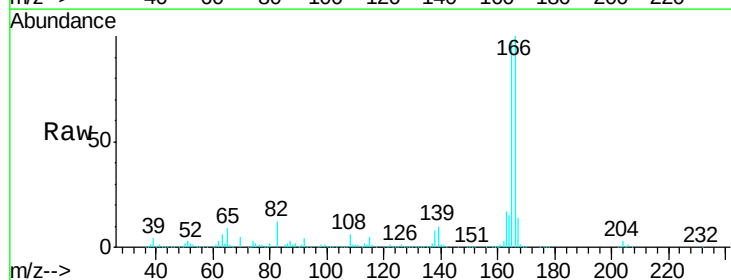
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 44.223 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BF117736.D
Acq: 8 Nov 2019 17:36

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.9	77.4	116.0
167	14.0	11.0	16.4

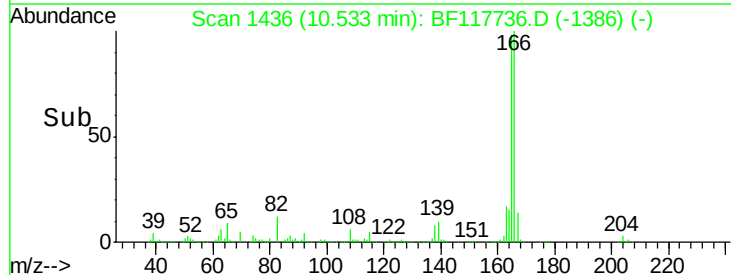
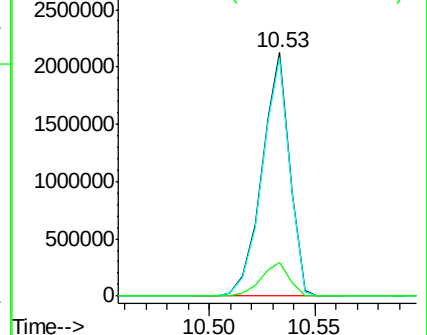


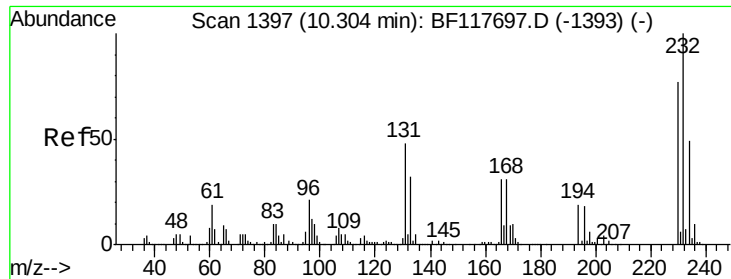
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

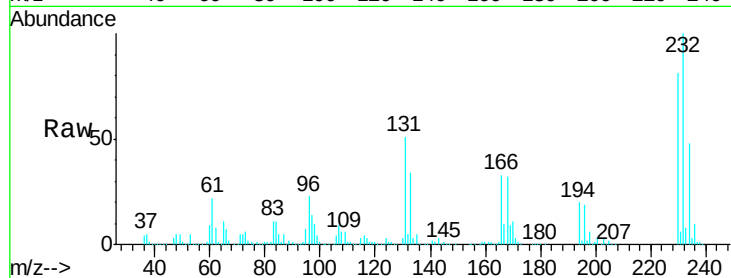




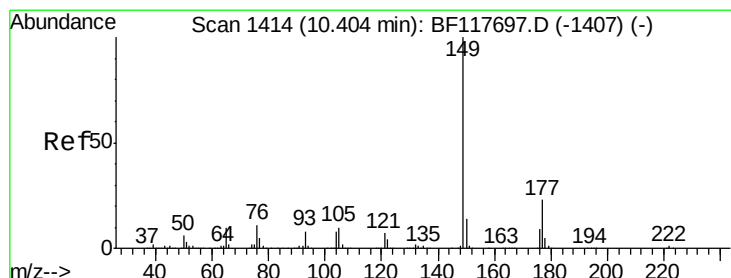
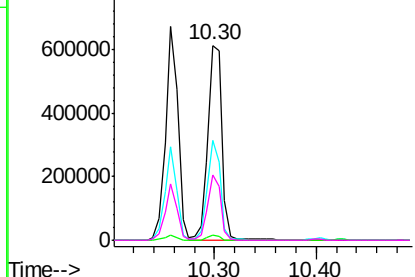
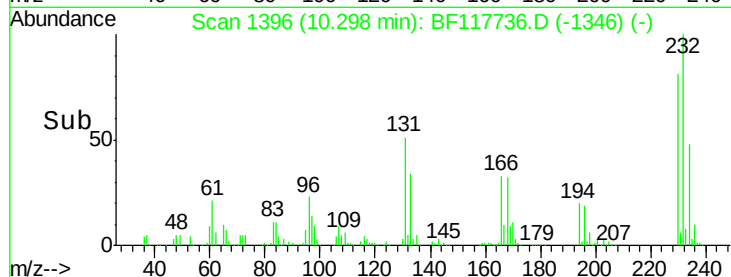
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.726 ng
 RT: 10.30 min Scan# 1396
 Delta R.T. -0.01 min
 Lab File: BF117736.D
 Acq: 8 Nov 2019 17:36

Instrument :
 BNA_F
 ClientSampleId :
 PB124647BS

Tgt Ion: 232 Resp: 590891
 Ion Ratio Lower Upper
 232 100
 131 47.1 37.8 56.8
 130 2.3 1.9 2.9
 166 30.4 24.6 36.8

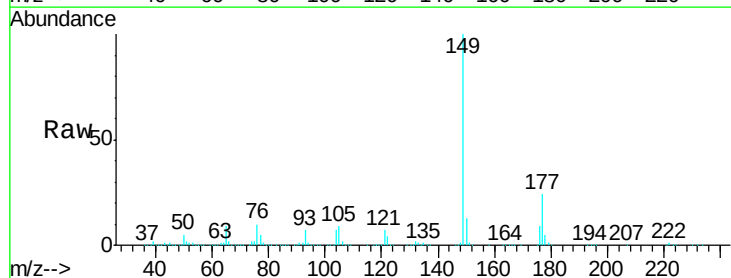


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

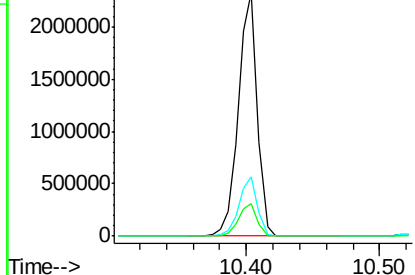
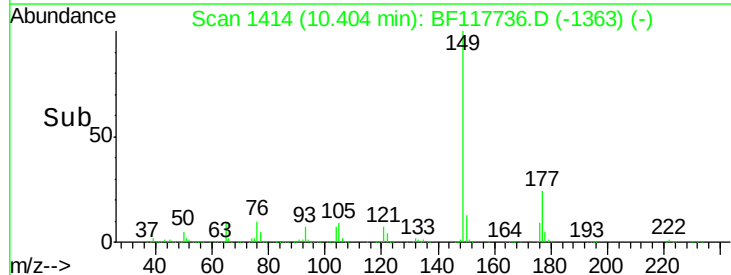


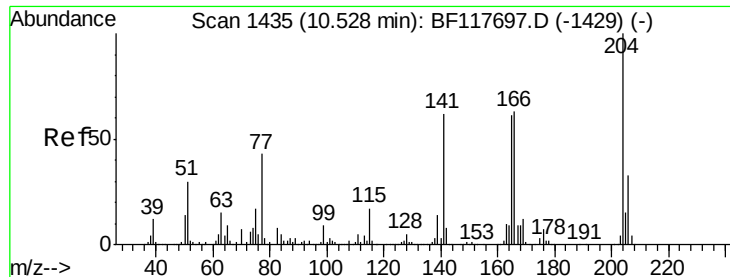
#60
 Diethylphthalate
 Concen: 44.626 ng
 RT: 10.40 min Scan# 1414
 Delta R.T. -0.00 min
 Lab File: BF117736.D
 Acq: 8 Nov 2019 17:36

Tgt Ion: 149 Resp: 2283681
 Ion Ratio Lower Upper
 149 100
 177 24.2 18.8 28.2
 150 13.4 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

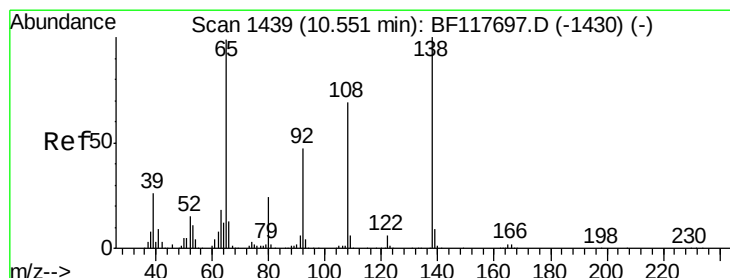
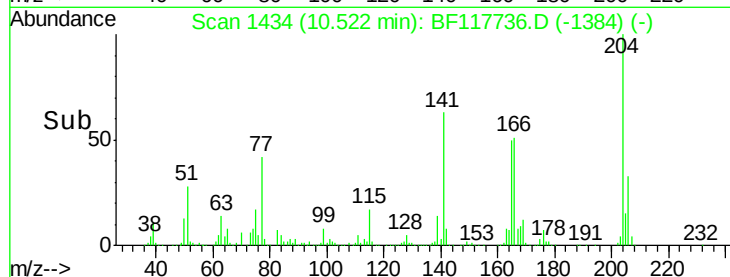
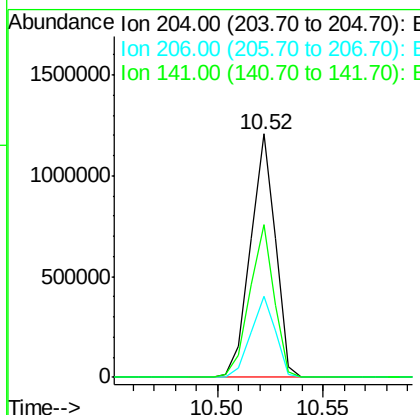
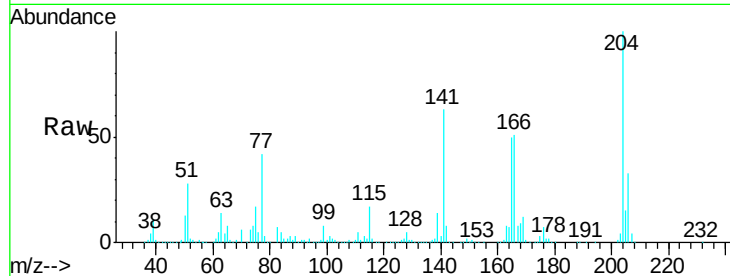




#61
4-Chlorophenyl-phenylether
Concen: 44.017 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF117736.D
Acq: 8 Nov 2019 17:36

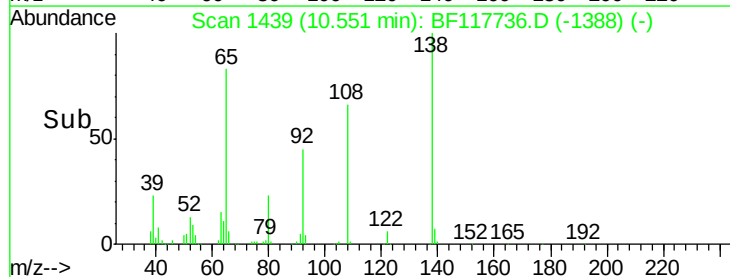
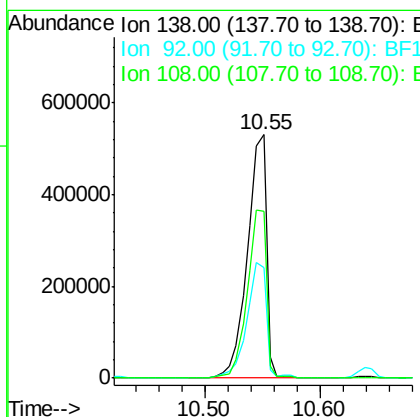
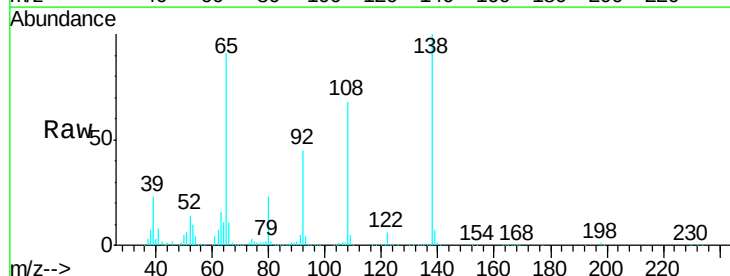
Instrument :
BNA_F
ClientSampleId :
PB124647BS

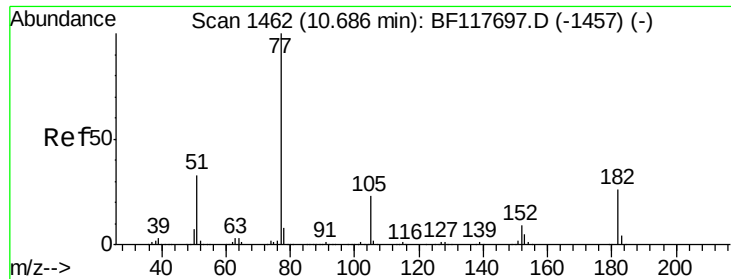
Tgt Ion:204 Resp: 993408
Ion Ratio Lower Upper
204 100
206 33.3 26.2 39.4
141 62.6 49.7 74.5



#62
4-Nitroaniline
Concen: 43.945 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.00 min
Lab File: BF117736.D
Acq: 8 Nov 2019 17:36

Tgt Ion:138 Resp: 608011
Ion Ratio Lower Upper
138 100
92 45.2 26.9 66.9
108 68.4 49.1 89.1





#63

Azobenzene

Concen: 44.477 ng

RT: 10.69 min Scan# 1462

Delta R.T. -0.00 min

Lab File: BF117736.D

Acq: 8 Nov 2019 17:36

Instrument :

BNA_F

ClientSampleId :

PB124647BS

Tgt Ion: 77 Resp: 2155709

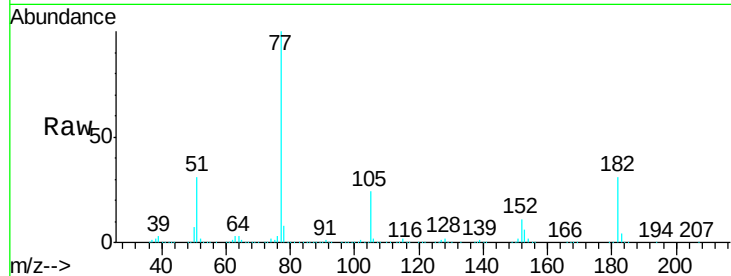
Ion Ratio Lower Upper

77 100

182 30.6 6.0 46.0

105 23.8 2.8 42.8

51 31.1 13.0 53.0

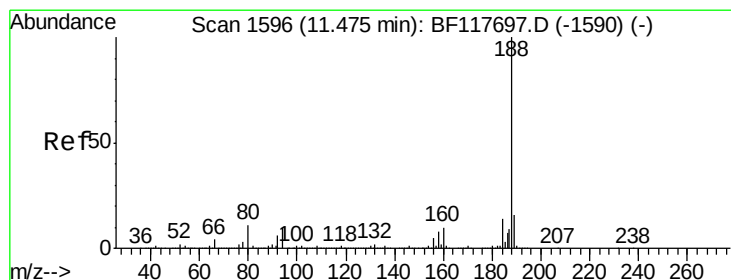
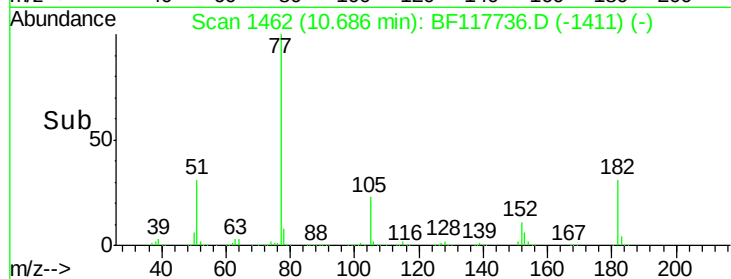
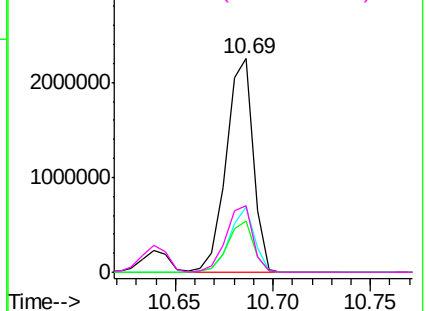


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): 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# 1595

Delta R.T. -0.01 min

Lab File: BF117736.D

Acq: 8 Nov 2019 17:36

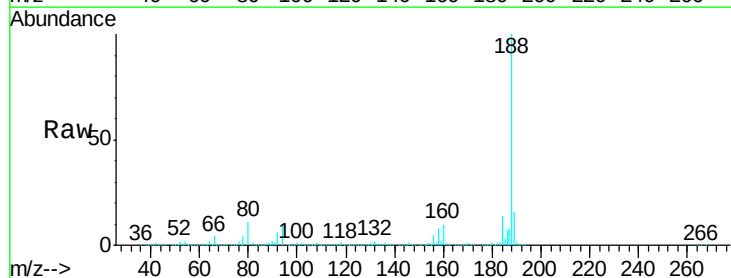
Tgt Ion: 188 Resp: 1485653

Ion Ratio Lower Upper

188 100

94 10.2 8.2 12.4

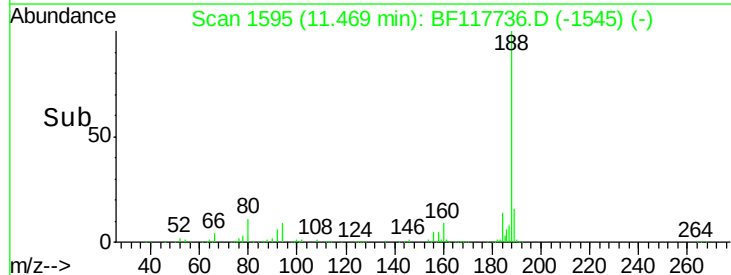
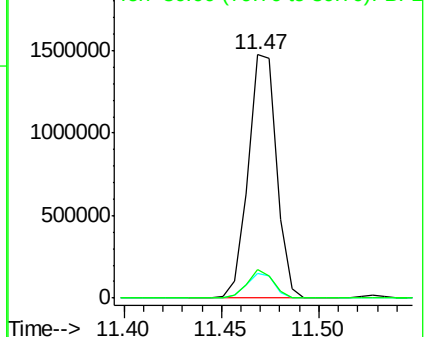
80 11.5 8.6 13.0

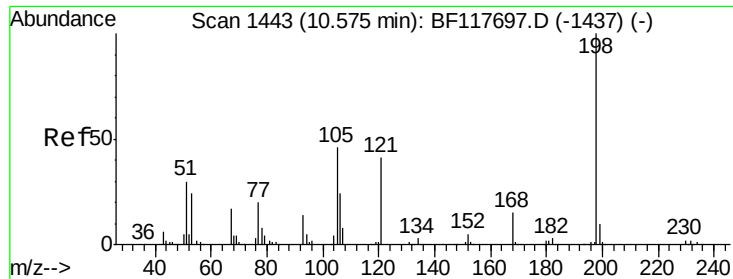


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

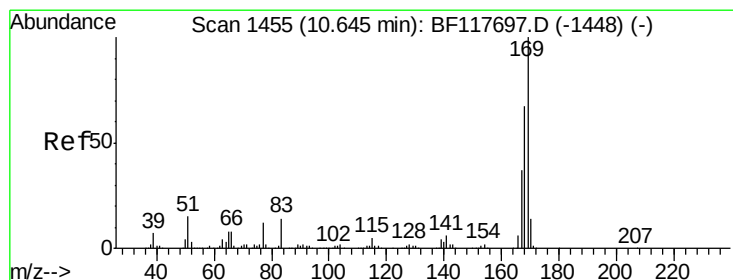
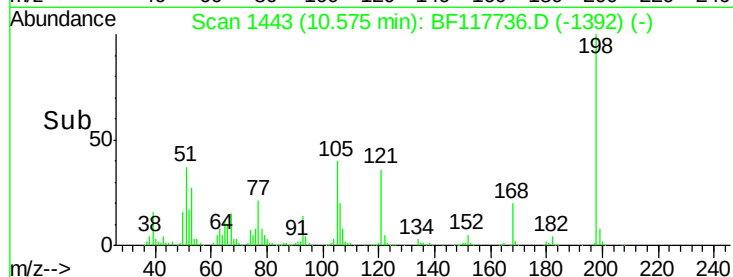
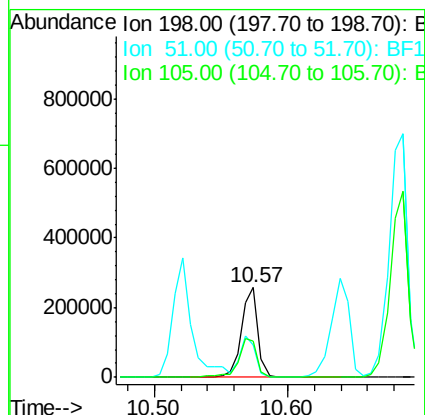
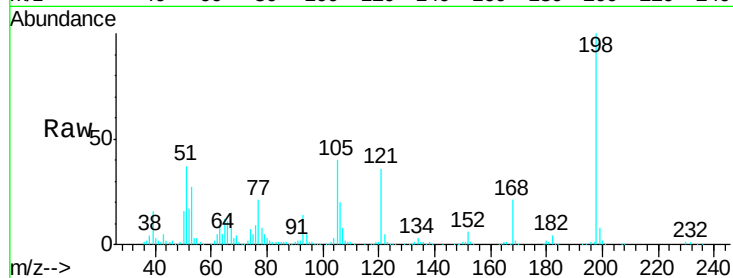




#65
 4,6-Dinitro-2-methylphenol
 Concen: 36.923 ng
 RT: 10.57 min Scan# 1443
 Delta R.T. -0.00 min
 Lab File: BF117736.D
 Acq: 8 Nov 2019 17:36

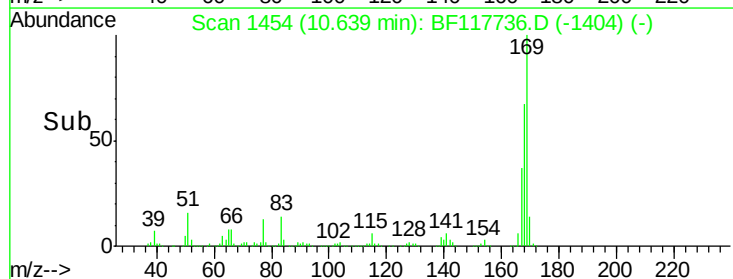
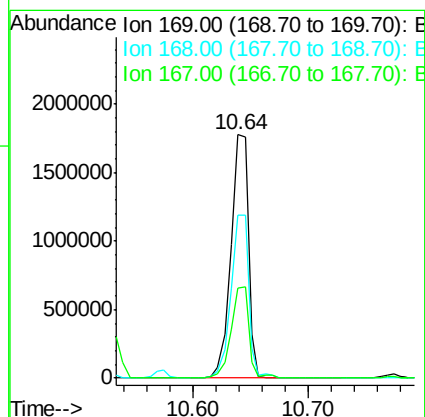
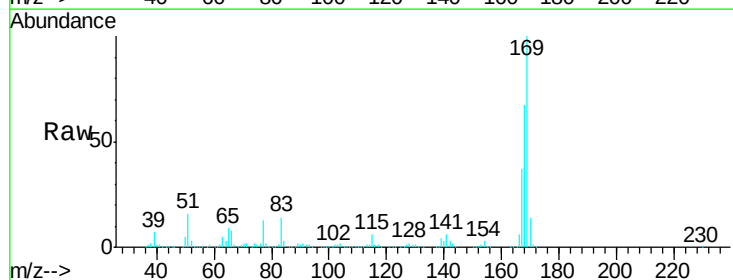
Instrument :
 BNA_F
 ClientSampleId :
 PB124647BS

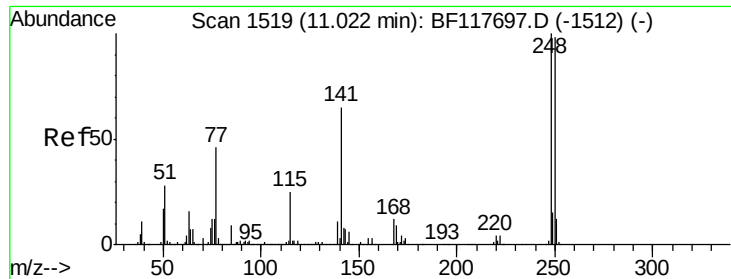
Tgt Ion:198 Resp: 219039
 Ion Ratio Lower Upper
 198 100
 51 36.8 28.1 68.1
 105 39.9 27.3 67.3



#66
 n-Nitrosodiphenylamine
 Concen: 42.493 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.01 min
 Lab File: BF117736.D
 Acq: 8 Nov 2019 17:36

Tgt Ion:169 Resp: 1864547
 Ion Ratio Lower Upper
 169 100
 168 67.2 53.8 80.8
 167 37.2 29.9 44.9

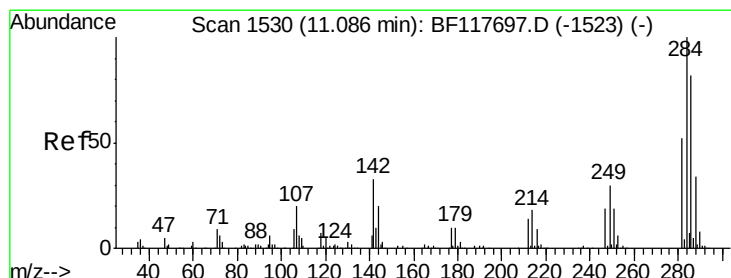
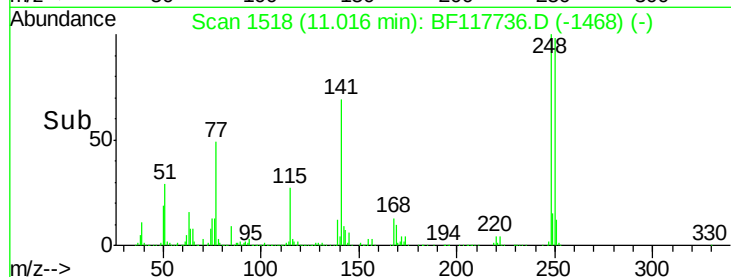
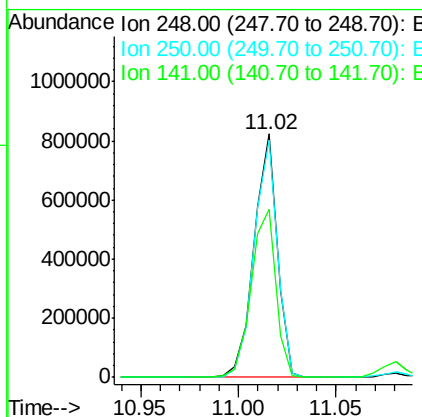
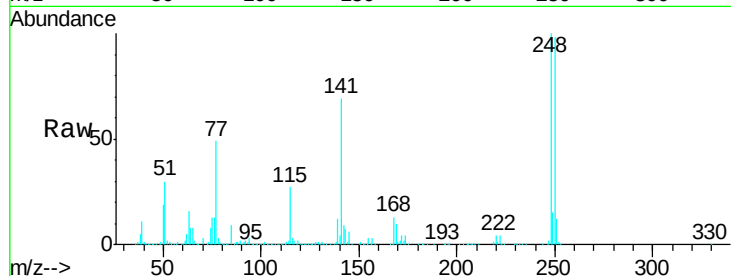




#67
4-Bromophenyl-phenylether
Concen: 41.863 ng
RT: 11.02 min Scan# 1518
Delta R.T. -0.01 min
Lab File: BF117736.D
Acq: 8 Nov 2019 17:36

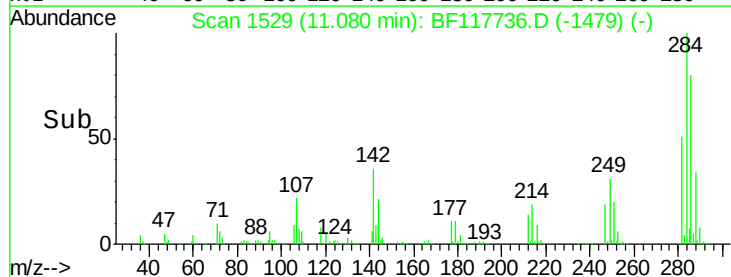
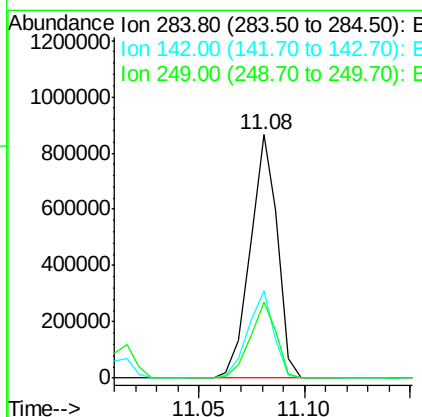
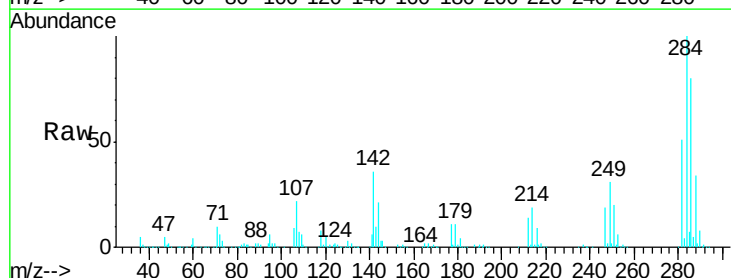
Instrument :
BNA_F
ClientSampleID :
PB124647BS

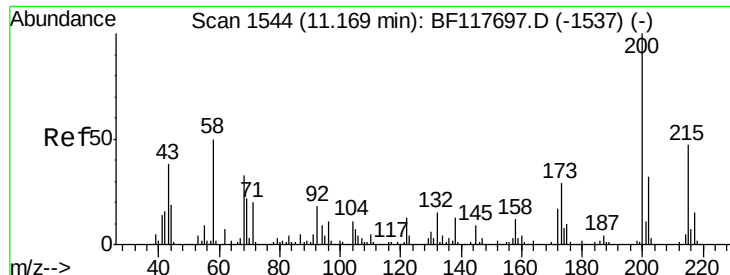
Tgt Ion:248 Resp: 679230
Ion Ratio Lower Upper
248 100
250 97.6 78.7 118.1
141 68.8 51.8 77.8



#68
Hexachlorobenzene
Concen: 40.918 ng
RT: 11.08 min Scan# 1529
Delta R.T. -0.01 min
Lab File: BF117736.D
Acq: 8 Nov 2019 17:36

Tgt Ion:284 Resp: 766940
Ion Ratio Lower Upper
284 100
142 35.8 26.6 39.8
249 31.0 24.4 36.6

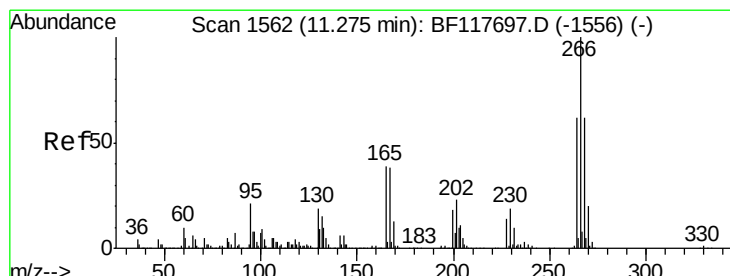
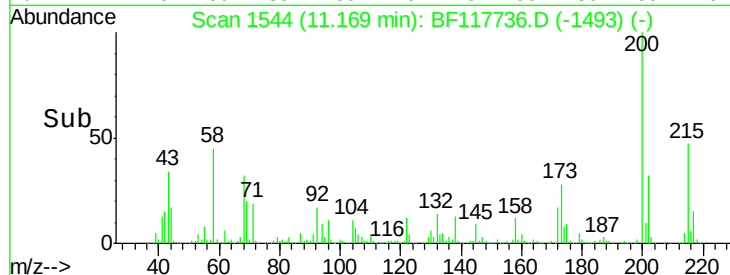
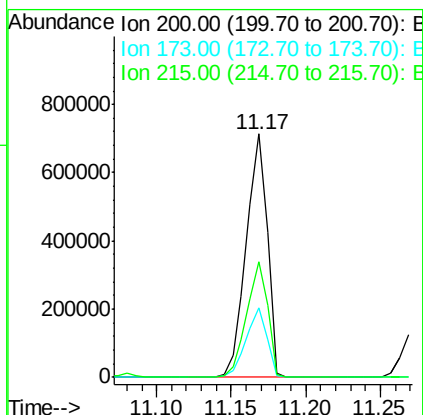
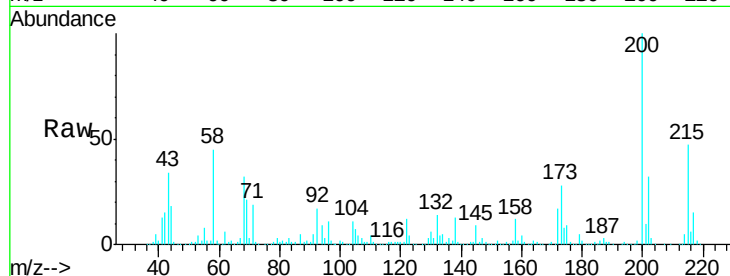




#69
 Atrazine
 Concen: 48.407 ng
 RT: 11.17 min Scan# 1544
 Delta R.T. -0.00 min
 Lab File: BF117736.D
 Acq: 8 Nov 2019 17:36

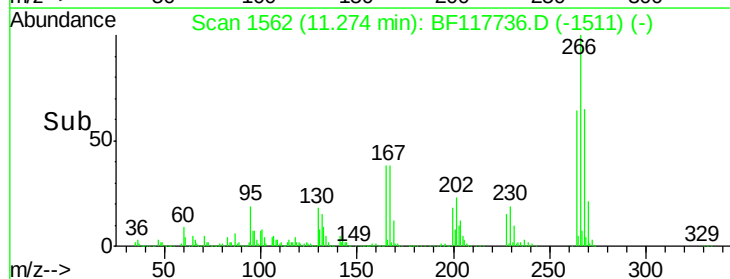
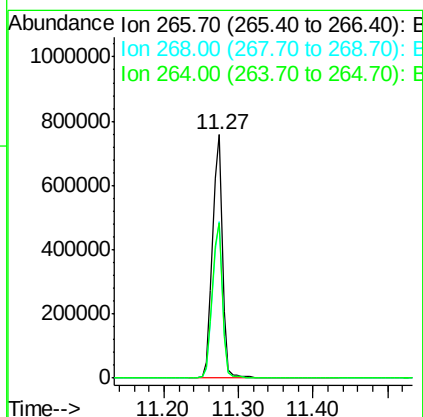
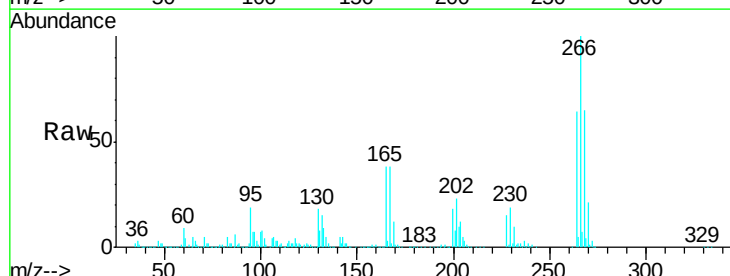
Instrument :
 BNA_F
 ClientSampleId :
 PB124647BS

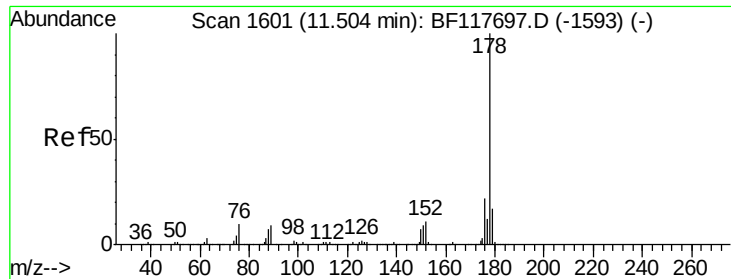
Tgt Ion	Ratio	Lower	Upper
200	100		
173	28.5	8.5	48.5
215	47.3	27.4	67.4



#70
 Pentachlorophenol
 Concen: 67.541 ng
 RT: 11.27 min Scan# 1562
 Delta R.T. -0.00 min
 Lab File: BF117736.D
 Acq: 8 Nov 2019 17:36

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.5	49.8	74.6
264	63.5	49.7	74.5





#71

Phenanthrene

Concen: 41.984 ng

RT: 11.50 min Scan# 1600

Delta R.T. -0.01 min

Lab File: BF117736.D

Acq: 8 Nov 2019 17:36

Instrument :

BNA_F

ClientSampleId :

PB124647BS

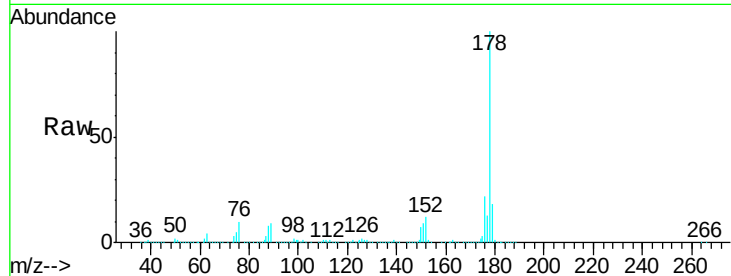
Tgt Ion:178 Resp: 2989708

Ion Ratio Lower Upper

178 100

176 22.4 17.7 26.5

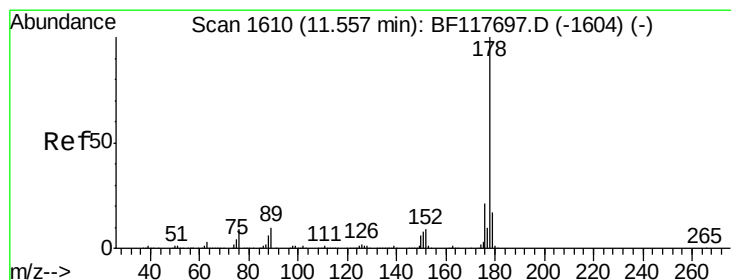
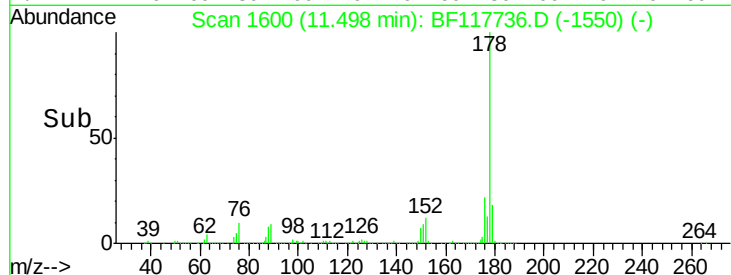
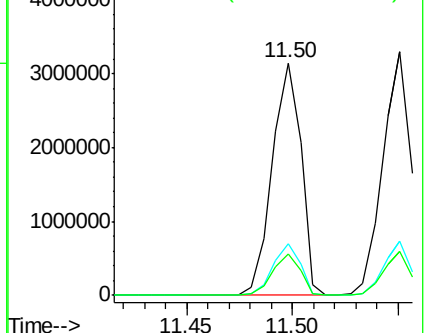
179 17.8 13.8 20.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 43.057 ng

RT: 11.55 min Scan# 1609

Delta R.T. -0.01 min

Lab File: BF117736.D

Acq: 8 Nov 2019 17:36

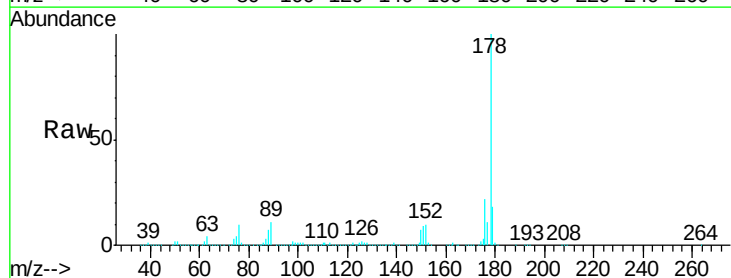
Tgt Ion:178 Resp: 3050437

Ion Ratio Lower Upper

178 100

176 22.1 16.6 25.0

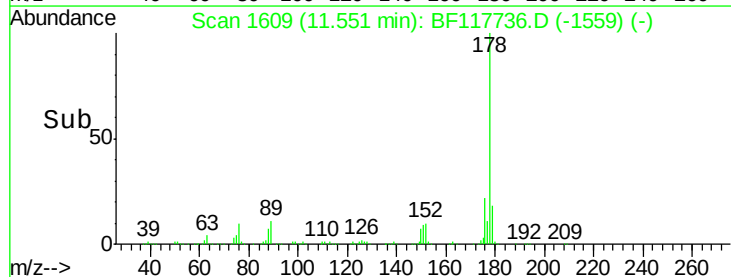
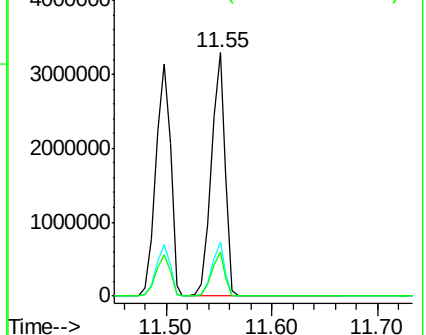
179 18.0 13.5 20.3

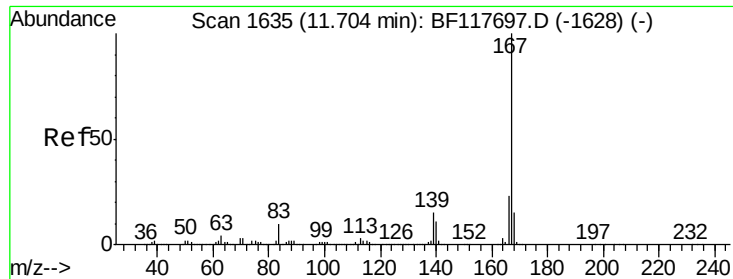


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

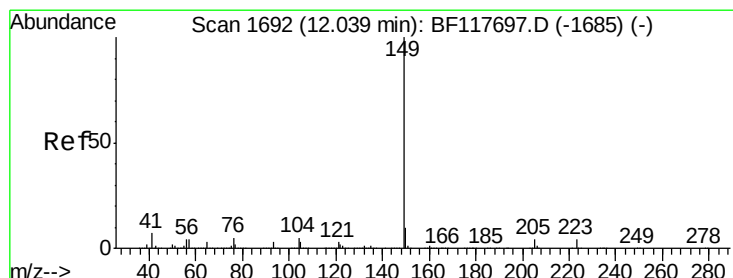
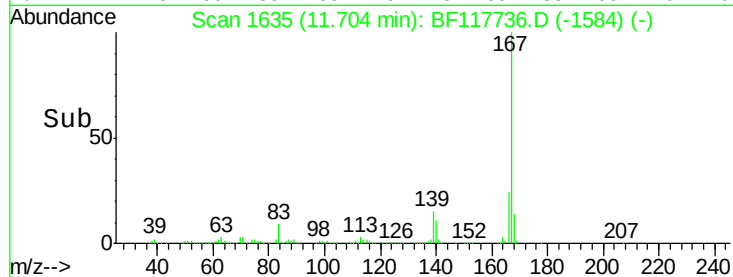
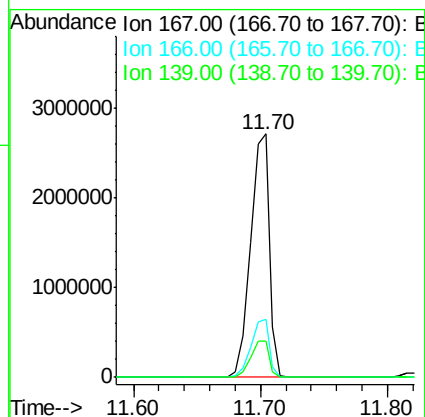
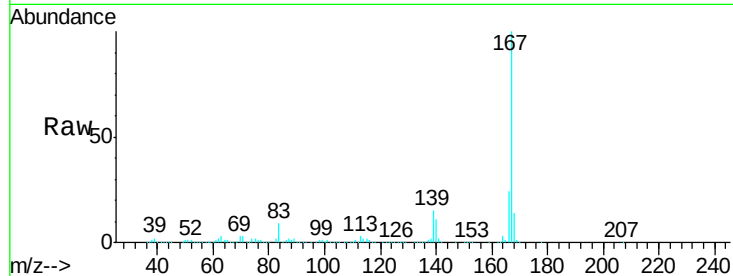




#73
 Carbazole
 Concen: 43.472 ng
 RT: 11.70 min Scan# 1635
 Delta R.T. -0.00 min
 Lab File: BF117736.D
 Acq: 8 Nov 2019 17:36

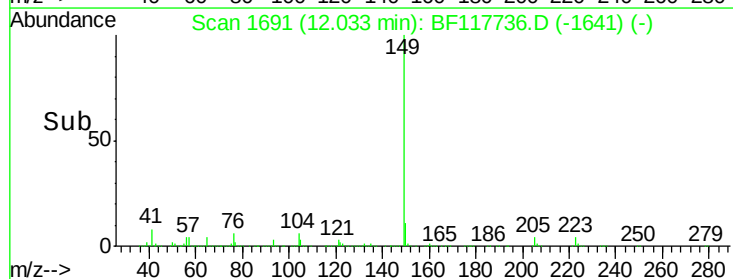
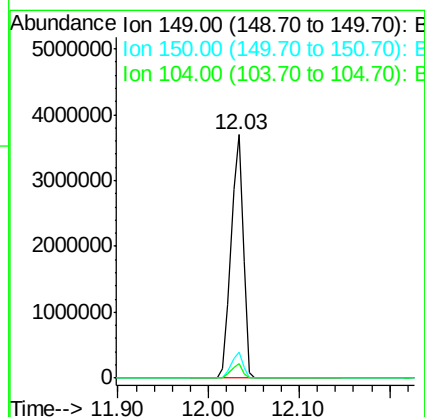
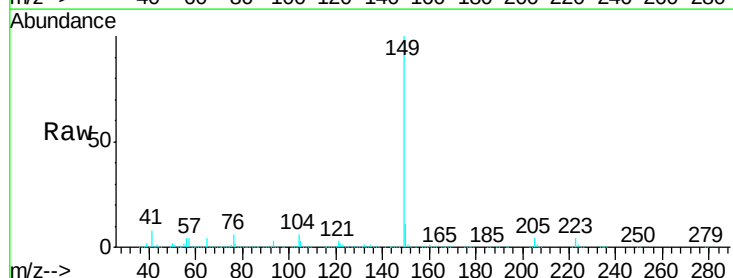
Instrument :
 BNA_F
 ClientSampleId :
 PB124647BS

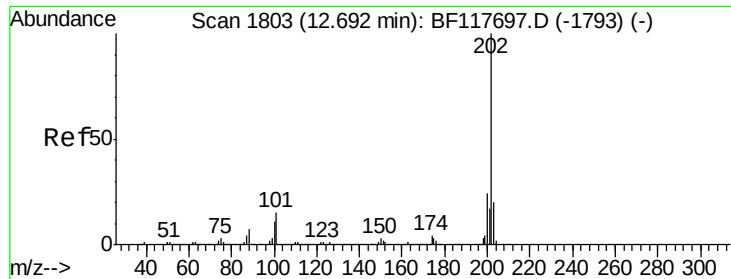
Tgt Ion:167 Resp: 2815414
 Ion Ratio Lower Upper
 167 100
 166 23.6 18.6 27.8
 139 14.8 11.9 17.9



#74
 Di-n-butylphthalate
 Concen: 43.472 ng
 RT: 12.03 min Scan# 1691
 Delta R.T. -0.01 min
 Lab File: BF117736.D
 Acq: 8 Nov 2019 17:36

Tgt Ion:149 Resp: 3423452
 Ion Ratio Lower Upper
 149 100
 150 10.8 8.3 12.5
 104 5.8 4.2 6.4





#75

Fluoranthene

Concen: 43.371 ng

RT: 12.69 min Scan# 1803

Delta R.T. -0.00 min

Lab File: BF117736.D

Acq: 8 Nov 2019 17:36

Instrument :

BNA_F

ClientSampleId :

PB124647BS

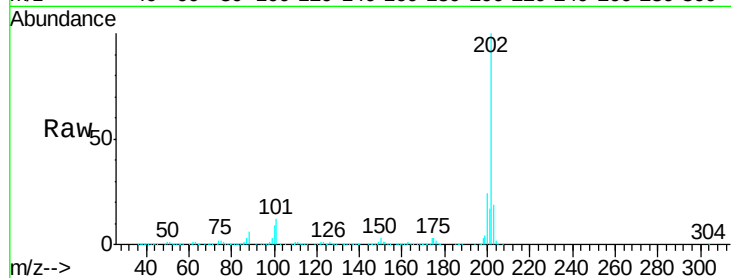
Tgt Ion:202 Resp: 3153576

Ion Ratio Lower Upper

202 100

101 12.1 0.0 34.5

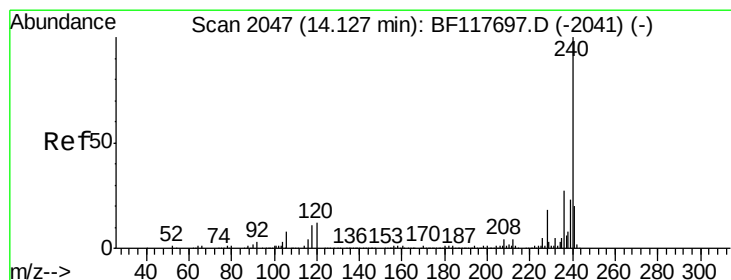
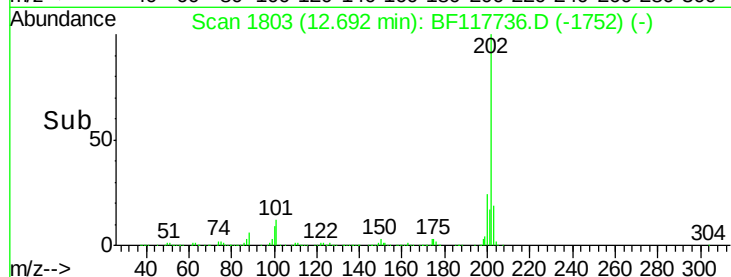
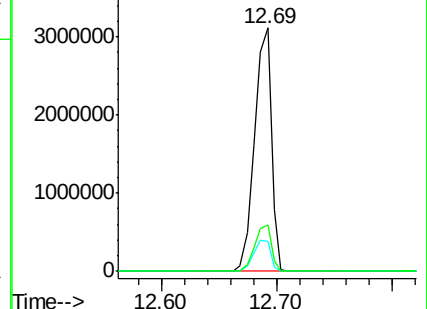
203 19.3 0.0 39.8



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: BF117736.D

Acq: 8 Nov 2019 17:36

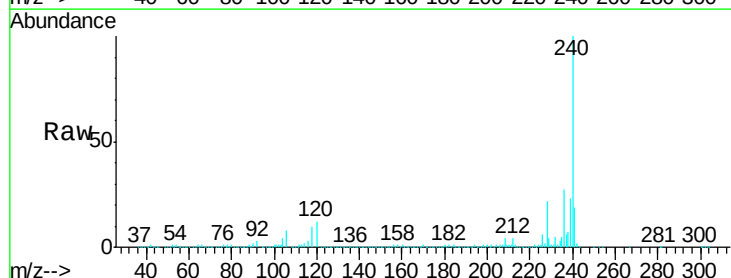
Tgt Ion:240 Resp: 908249

Ion Ratio Lower Upper

240 100

120 11.6 9.7 14.5

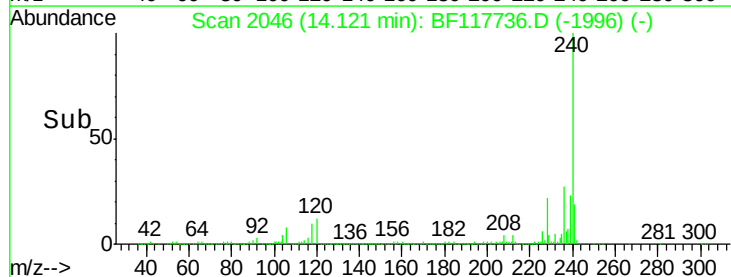
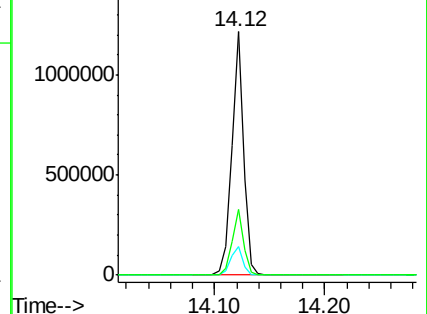
236 27.1 21.9 32.9

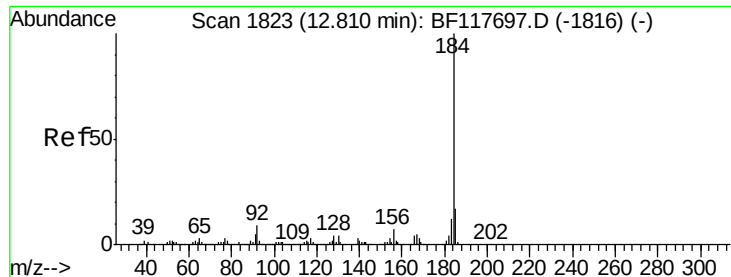


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 19.386 ng

RT: 12.80 min Scan# 1822

Delta R.T. -0.01 min

Lab File: BF117736.D

Acq: 8 Nov 2019 17:36

Instrument :

BNA_F

ClientSampleId :

PB124647BS

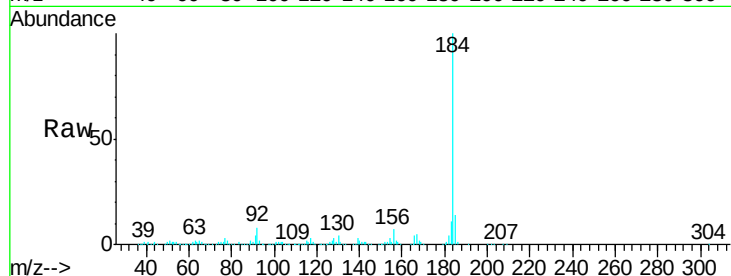
Tgt Ion:184 Resp: 612160

Ion Ratio Lower Upper

184 100

185 14.4 13.3 19.9

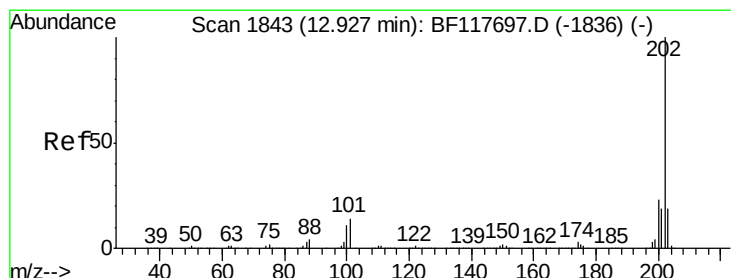
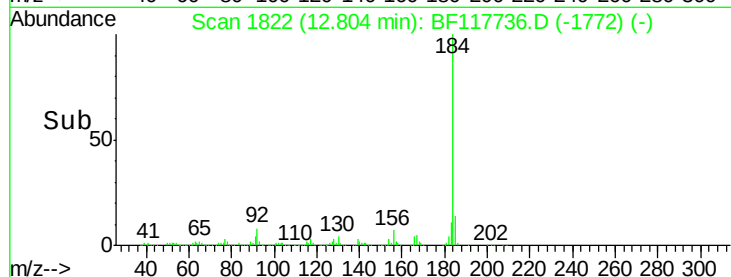
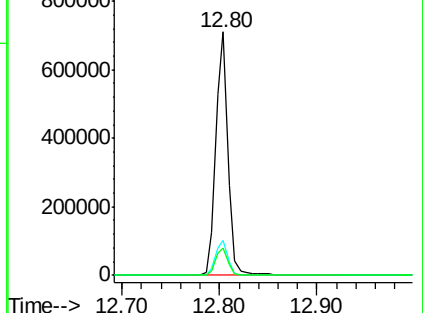
183 11.4 9.6 14.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 48.083 ng

RT: 12.92 min Scan# 1842

Delta R.T. -0.01 min

Lab File: BF117736.D

Acq: 8 Nov 2019 17:36

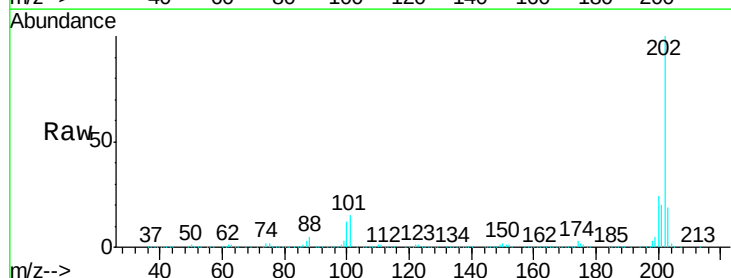
Tgt Ion:202 Resp: 3188002

Ion Ratio Lower Upper

202 100

200 24.2 18.8 28.2

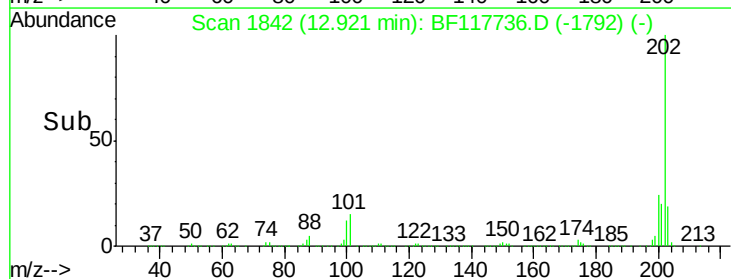
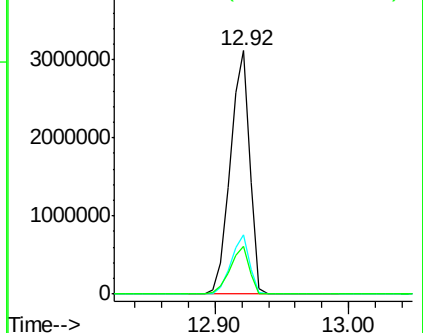
203 19.4 15.2 22.8

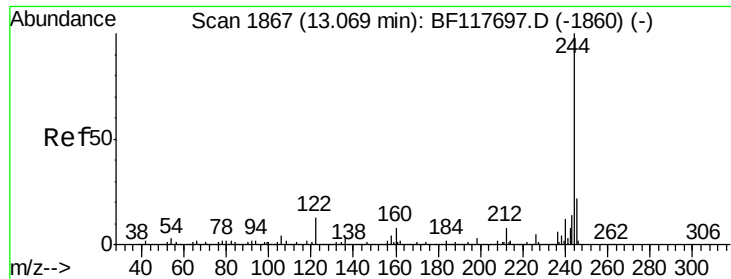


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 98.920 ng

RT: 13.06 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BF117736.D

Acq: 8 Nov 2019 17:36

Instrument :

BNA_F

ClientSampleId :

PB124647BS

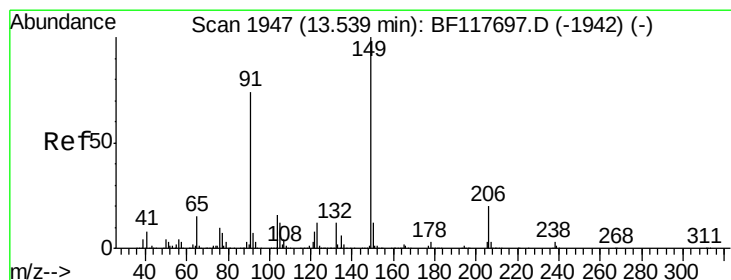
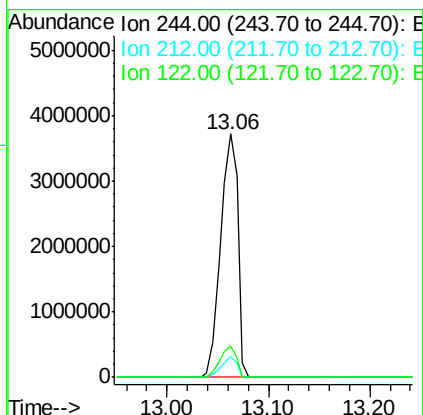
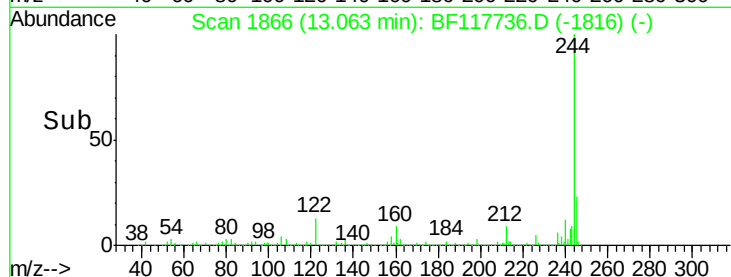
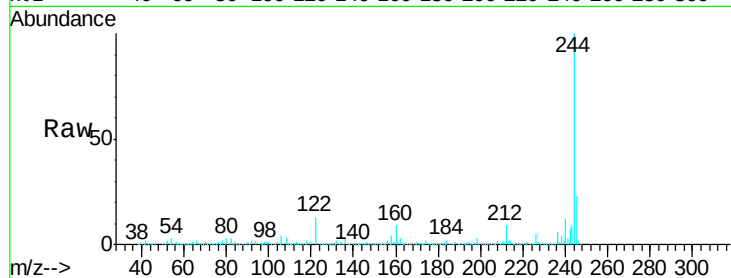
Tgt Ion:244 Resp: 4364338

Ion Ratio Lower Upper

244 100

212 8.5 6.4 9.6

122 12.7 10.0 15.0



#80

Butylbenzylphthalate

Concen: 50.320 ng

RT: 13.53 min Scan# 1946

Delta R.T. -0.01 min

Lab File: BF117736.D

Acq: 8 Nov 2019 17:36

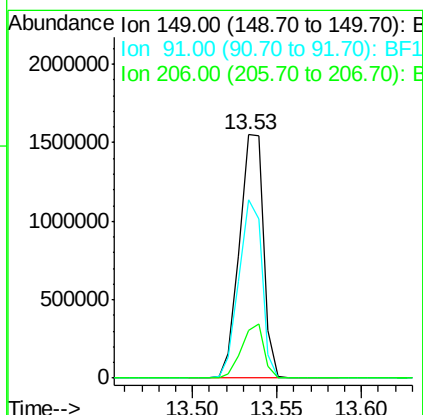
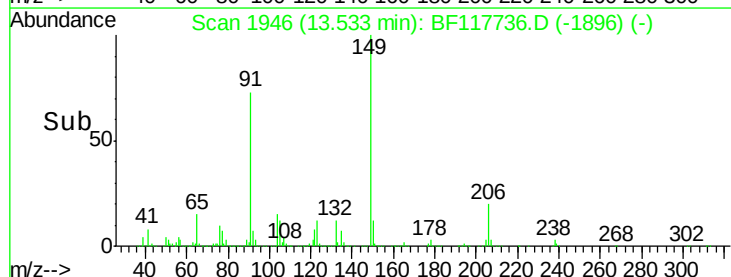
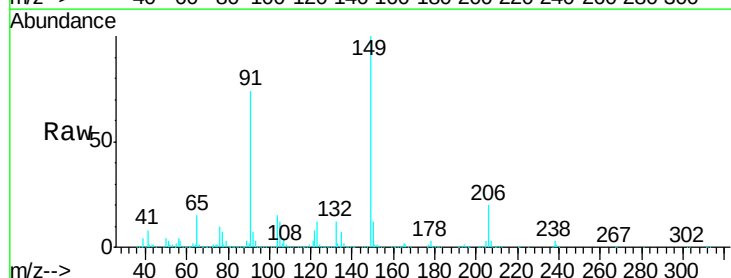
Tgt Ion:149 Resp: 1541032

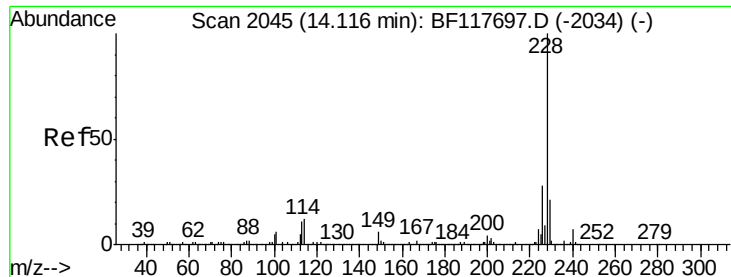
Ion Ratio Lower Upper

149 100

91 73.5 59.1 88.7

206 19.7 16.1 24.1

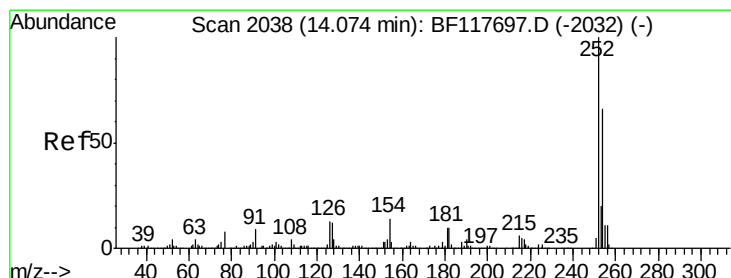
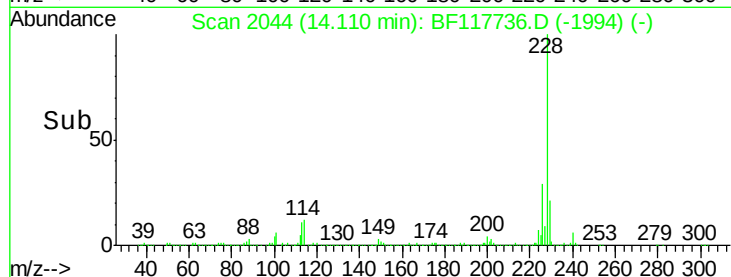
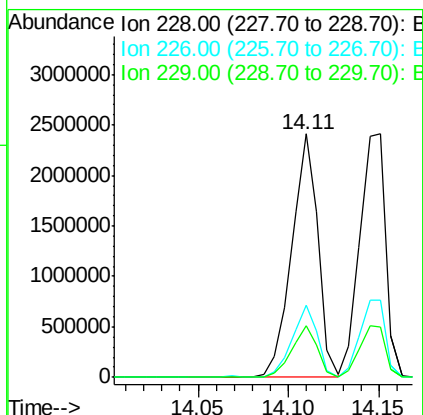
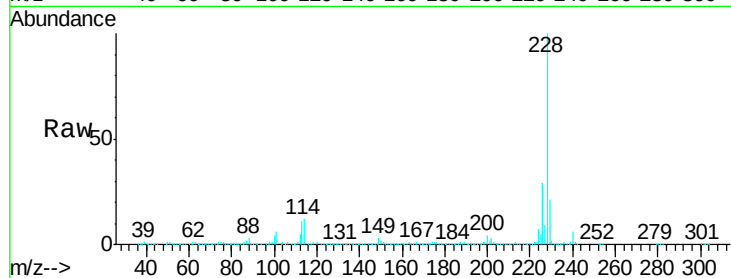




#81
Benzo(a)anthracene
Concen: 43.171 ng
RT: 14.11 min Scan# 2044
Delta R.T. -0.01 min
Lab File: BF117736.D
Acq: 8 Nov 2019 17:36

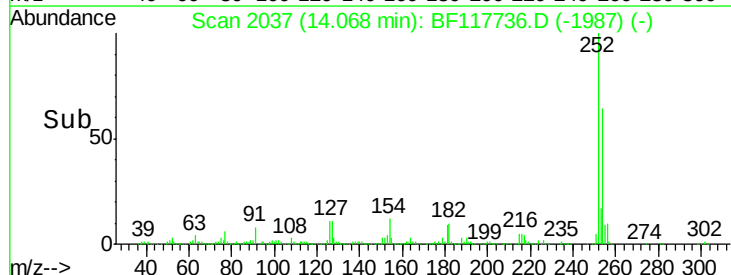
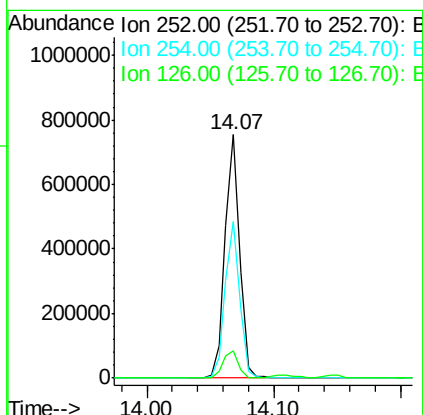
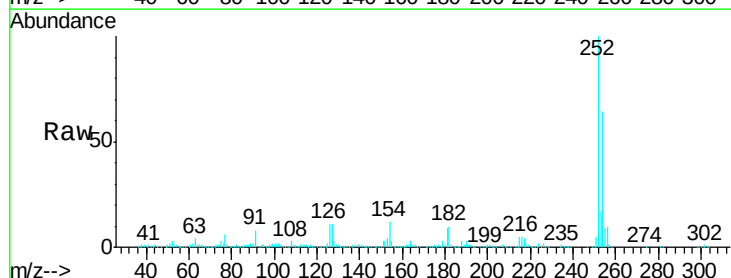
Instrument :
BNA_F
ClientSampleId :
PB124647BS

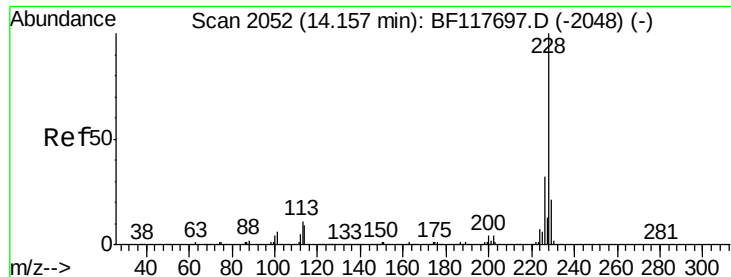
Tgt Ion:228 Resp: 2440664
Ion Ratio Lower Upper
228 100
226 29.5 22.8 34.2
229 21.2 16.9 25.3



#82
3,3'-Dichlorobenzidine
Concen: 28.665 ng
RT: 14.07 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BF117736.D
Acq: 8 Nov 2019 17:36

Tgt Ion:252 Resp: 605254
Ion Ratio Lower Upper
252 100
254 64.3 53.1 79.7
126 11.3 10.3 15.5





#83

Chrysene

Concen: 43.255 ng

RT: 14.15 min Scan# 2051

Delta R.T. -0.01 min

Lab File: BF117736.D

Acq: 8 Nov 2019 17:36

Instrument :

BNA_F

ClientSampleId :

PB124647BS

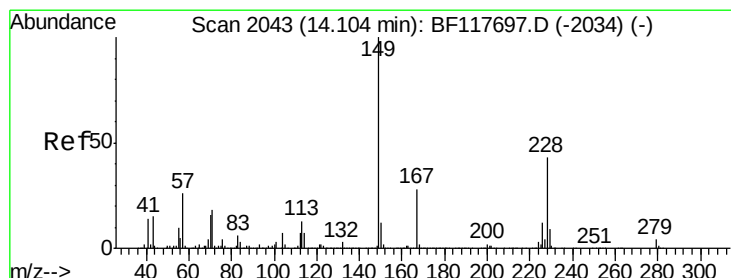
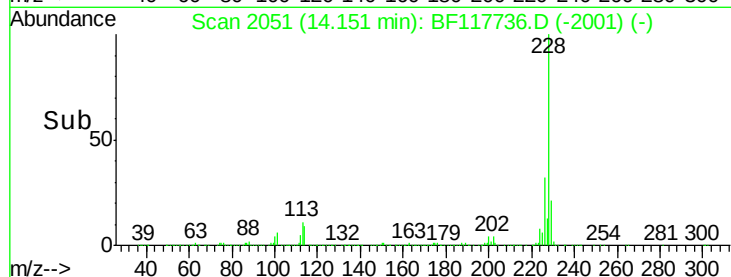
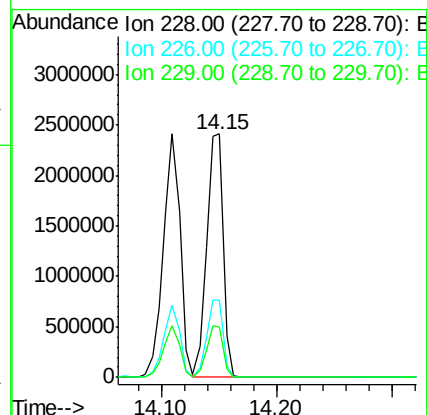
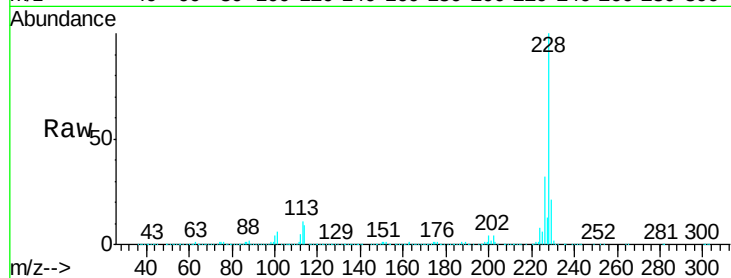
Tgt Ion:228 Resp: 2414941

Ion Ratio Lower Upper

228 100

226 31.8 25.4 38.2

229 20.9 16.6 24.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.442 ng

RT: 14.10 min Scan# 2042

Delta R.T. -0.01 min

Lab File: BF117736.D

Acq: 8 Nov 2019 17:36

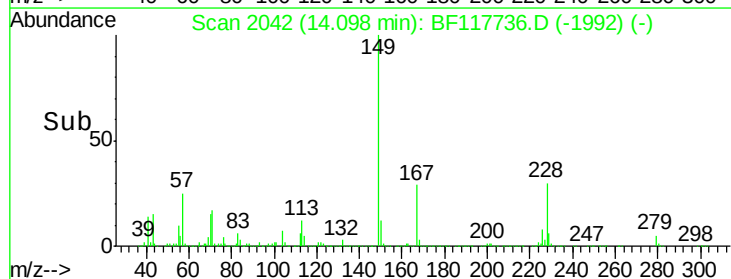
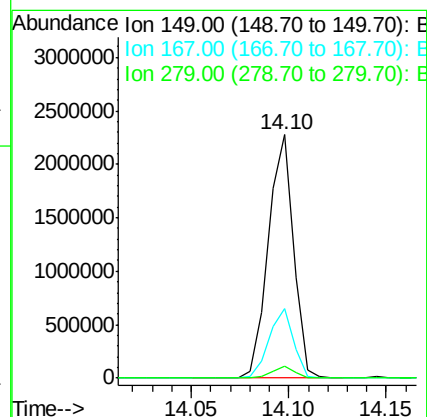
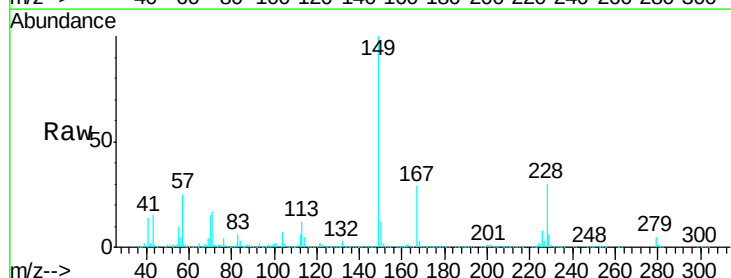
Tgt Ion:149 Resp: 2032153

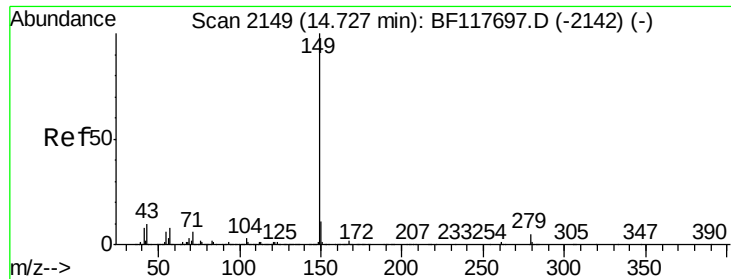
Ion Ratio Lower Upper

149 100

167 28.8 22.2 33.2

279 4.7 3.4 5.2

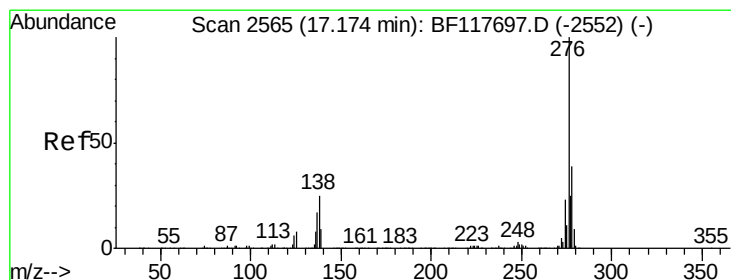
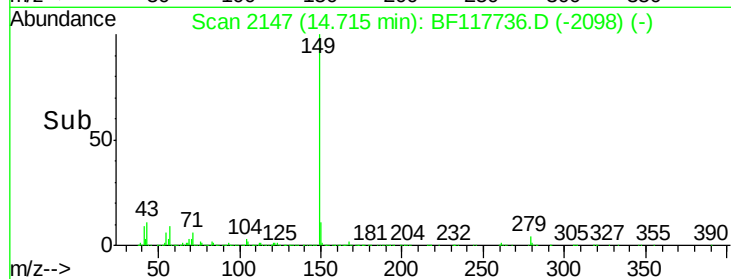
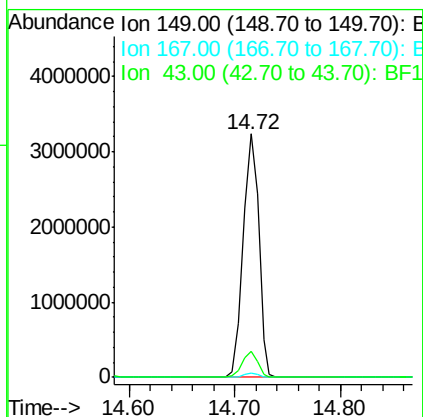
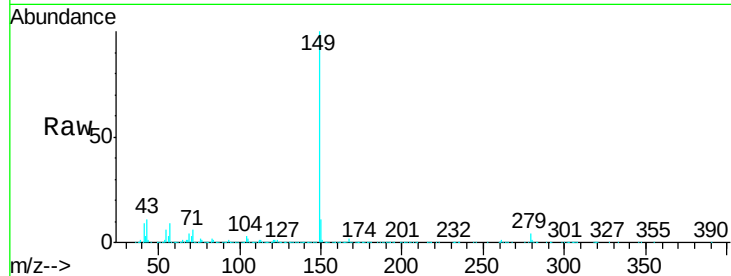




#85
Di-n-octyl phthalate
Concen: 52.936 ng
RT: 14.72 min Scan# 2147
Delta R.T. -0.01 min
Lab File: BF117736.D
Acq: 8 Nov 2019 17:36

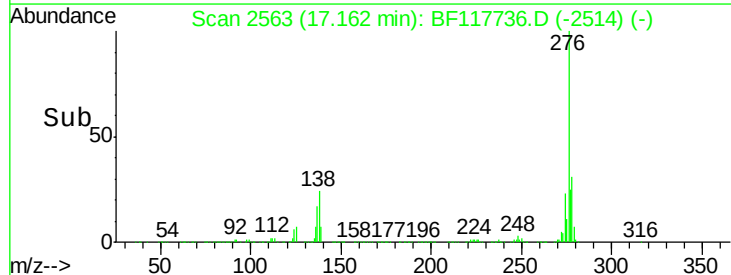
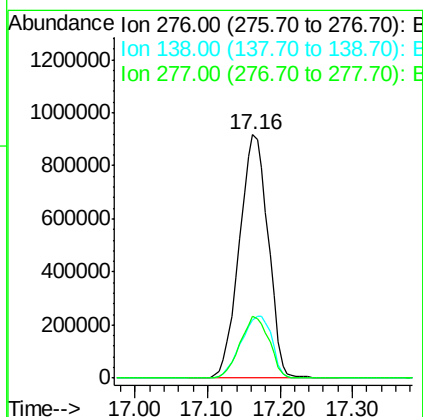
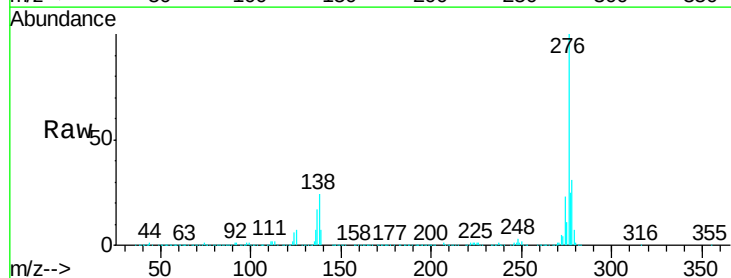
Instrument :
BNA_F
ClientSampleId :
PB124647BS

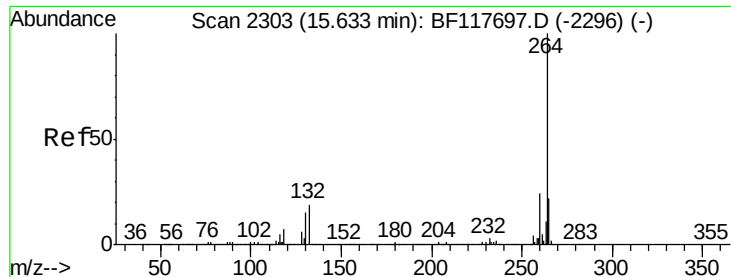
Tgt Ion:149 Resp: 3290733
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 10.1 8.4 12.6



#86
Indeno(1,2,3-cd)pyrene
Concen: 48.768 ng
RT: 17.16 min Scan# 2563
Delta R.T. -0.01 min
Lab File: BF117736.D
Acq: 8 Nov 2019 17:36

Tgt Ion:276 Resp: 2534211
Ion Ratio Lower Upper
276 100
138 27.5 22.4 33.6
277 25.7 20.6 30.8





#87

Perylene-d12

Concen: 20.000 ng

RT: 15.63 min Scan# 2302

Delta R.T. -0.01 min

Lab File: BF117736.D

Acq: 8 Nov 2019 17:36

Instrument :

BNA_F

ClientSampleId :

PB124647BS

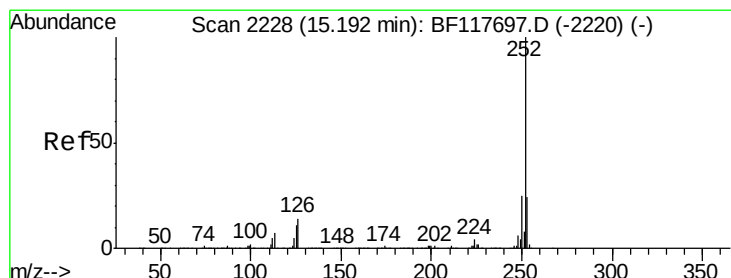
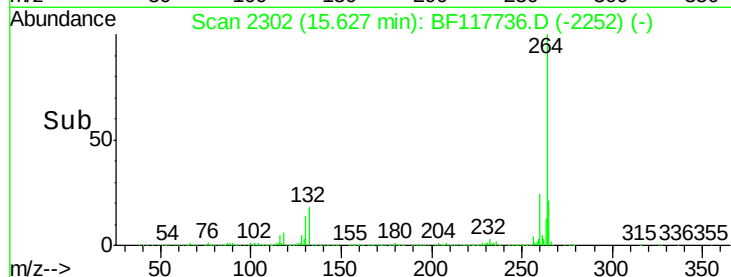
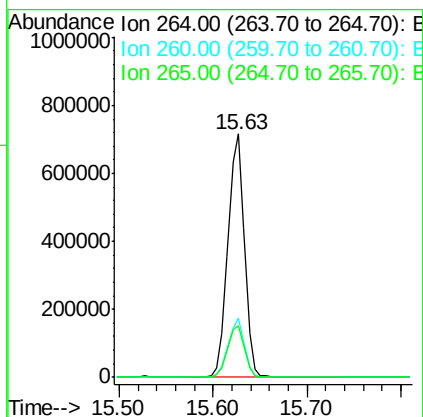
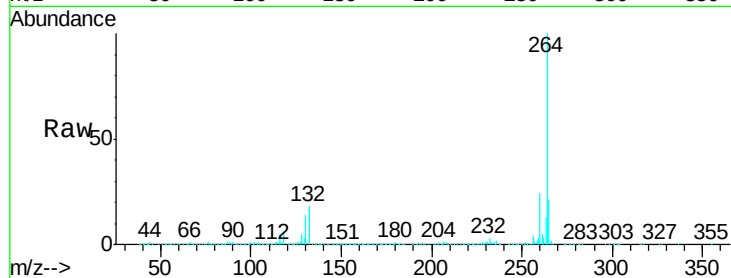
Tgt Ion:264 Resp: 876459

Ion Ratio Lower Upper

264 100

260 24.2 18.8 28.2

265 21.2 17.7 26.5



#88

Benzo(b)fluoranthene

Concen: 41.948 ng

RT: 15.18 min Scan# 2226

Delta R.T. -0.01 min

Lab File: BF117736.D

Acq: 8 Nov 2019 17:36

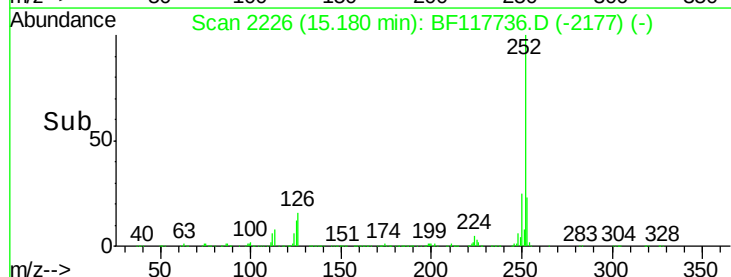
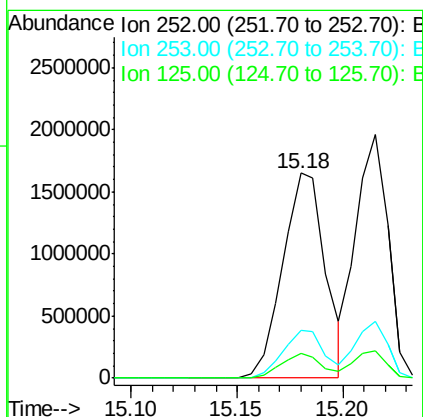
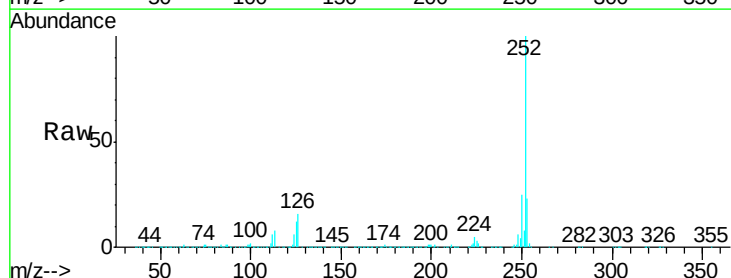
Tgt Ion:252 Resp: 2315558

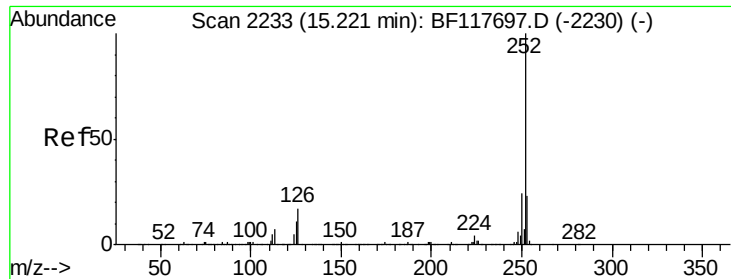
Ion Ratio Lower Upper

252 100

253 23.2 18.9 28.3

125 11.8 8.5 12.7

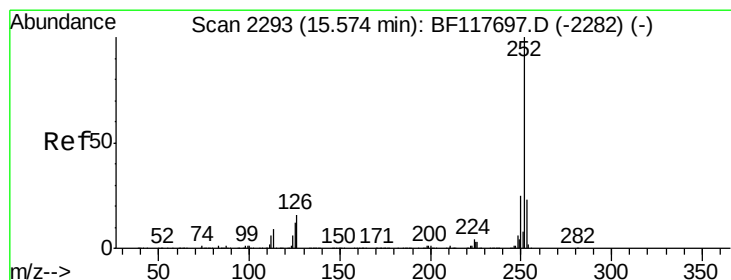
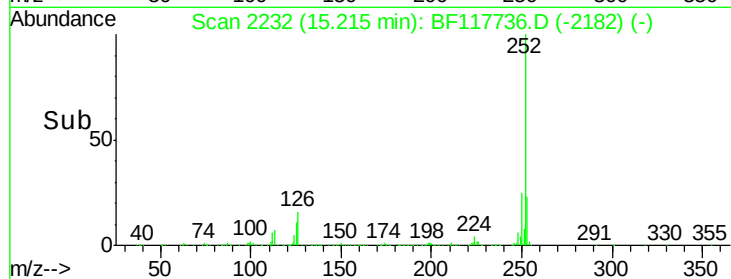
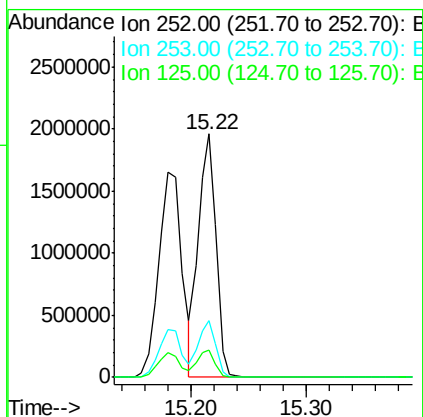
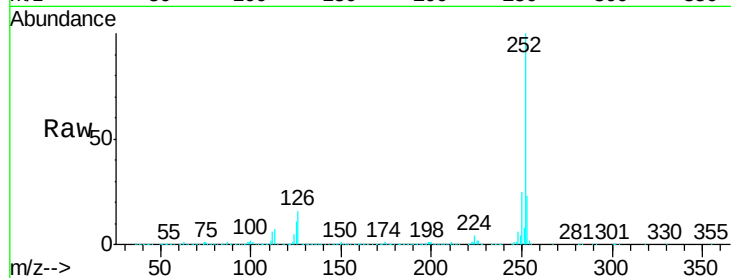




#89
Benzo(k)fluoranthene
Concen: 42.907 ng
RT: 15.22 min Scan# 2232
Delta R.T. -0.01 min
Lab File: BF117736.D
Acq: 8 Nov 2019 17:36

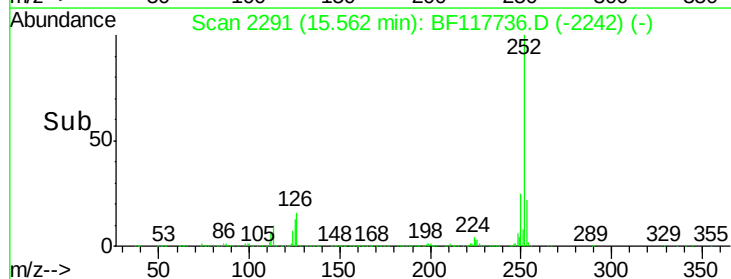
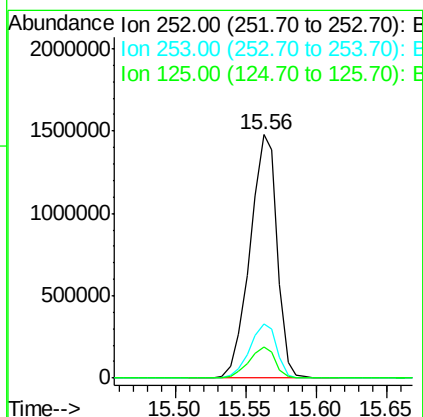
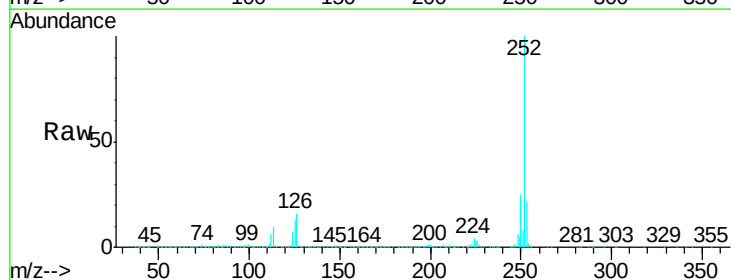
Instrument :
BNA_F
ClientSampleId :
PB124647BS

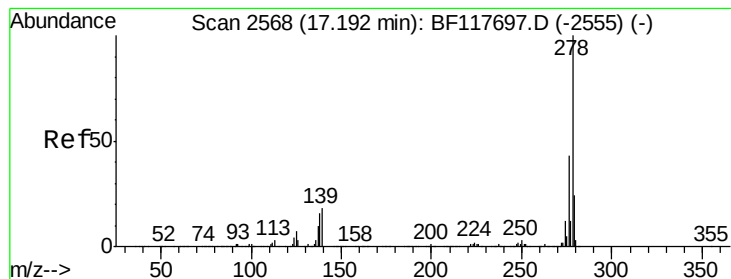
Tgt Ion:252 Resp: 2112451
Ion Ratio Lower Upper
252 100
253 23.4 17.9 26.9
125 11.3 9.1 13.7



#90
Benzo(a)pyrene
Concen: 41.767 ng
RT: 15.56 min Scan# 2291
Delta R.T. -0.01 min
Lab File: BF117736.D
Acq: 8 Nov 2019 17:36

Tgt Ion:252 Resp: 1998641
Ion Ratio Lower Upper
252 100
253 22.3 18.0 27.0
125 12.9 9.5 14.3





#91

Dibenzo(a,h)anthracene

Concen: 48.453 ng

RT: 17.19 min Scan# 2567

Delta R.T. -0.01 min

Lab File: BF117736.D

Acq: 8 Nov 2019 17:36

Instrument :

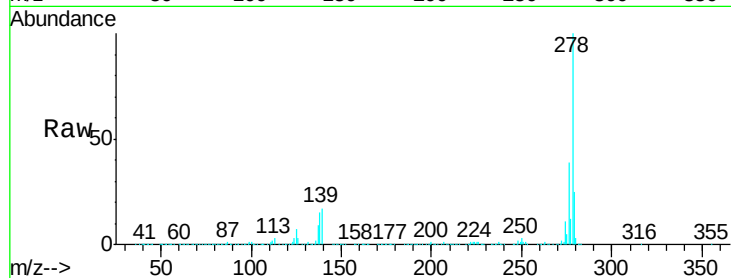
BNA_F

ClientSampleId :

PB124647BS

Tgt Ion:278 Resp: 2079437

Ion	Ratio	Lower	Upper
278	100		
139	17.4	14.3	21.5
279	24.9	19.0	28.6

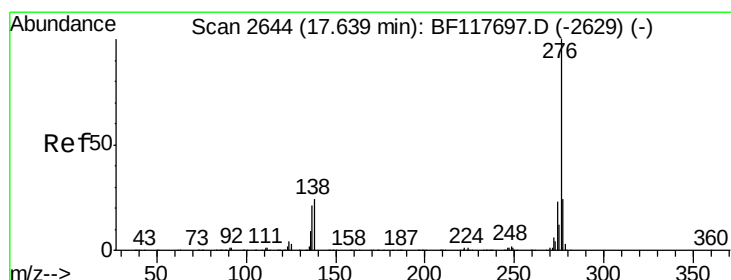
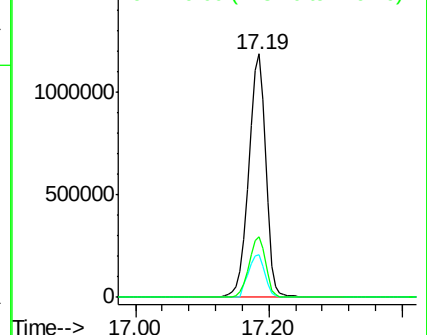
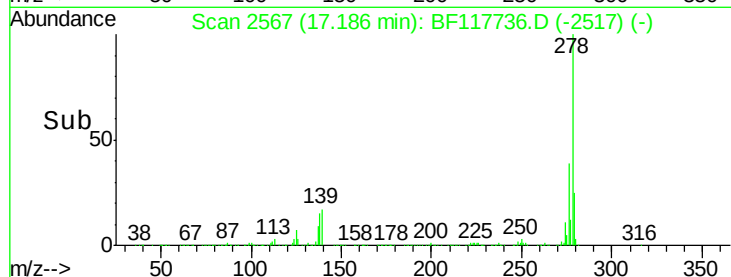


Abundance

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: 50.761 ng

RT: 17.63 min Scan# 2643

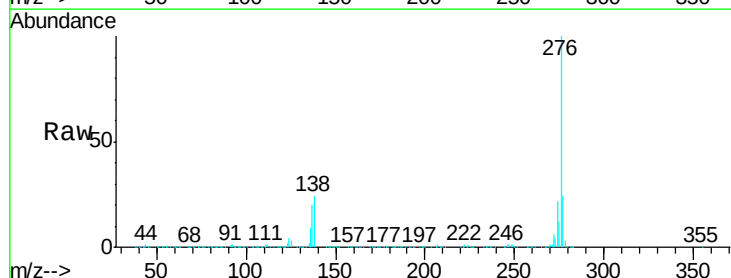
Delta R.T. -0.01 min

Lab File: BF117736.D

Acq: 8 Nov 2019 17:36

Tgt Ion:276 Resp: 2111239

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.4	29.0
138	24.2	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

