

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF111518\
 Data File : BF110785.D
 Acq On : 15 Nov 2018 13:43
 Operator : JU/SJ
 Sample : PB114818BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB114818BS

Quant Time: Nov 15 14:32:22 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 12:43:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	58374	20.00	ng	-0.01
21) Naphthalene-d8	8.22	136	237215	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	113799	20.00	ng	-0.01
64) Phenanthrene-d10	11.47	188	222883	20.00	ng	-0.01
76) Chrysene-d12	14.13	240	167787	20.00	ng	-0.01
87) Perylene-d12	15.66	264	131296	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.56	112	353799	98.45	ng	0.00
7) Phenol-d6	6.56	99	440831	95.93	ng	-0.01
23) Nitrobenzene-d5	7.50	82	272724	66.21	ng	-0.01
42) 2,4,6-Tribromophenol	10.78	330	116086	101.24	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	538844	67.63	ng	-0.01
79) Terphenyl-d14	13.06	244	572229	63.87	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.80	88	46945	26.217	ng	91
3) Pyridine	3.60	79	128117	33.148	ng	89
4) n-Nitrosodimethylamine	3.55	42	66843	40.306	ng	# 90
6) Aniline	6.60	93	82463	13.760	ng	# 55
8) 2-Chlorophenol	6.72	128	148380	35.220	ng	98
9) Benzaldehyde	6.49	77	78926	29.913	ng	98
10) Phenol	6.57	94	178205	33.442	ng	# 67
11) bis(2-Chloroethyl)ether	6.67	93	134673	33.723	ng	94
12) 1,3-Dichlorobenzene	6.87	146	153621	33.327	ng	99
13) 1,4-Dichlorobenzene	6.95	146	155801	33.285	ng	97
14) 1,2-Dichlorobenzene	7.10	146	148546	34.113	ng	100
15) Benzyl Alcohol	7.08	79	123487	34.337	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.20	45	207367	33.065	ng	72
17) 2-Methylphenol	7.19	107	117818	35.139	ng	# 81
18) Hexachloroethane	7.45	117	56970	32.967	ng	97
19) n-Nitroso-di-n-propylamine	7.34	70	99259	33.837	ng	96
20) 3+4-Methylphenols	7.34	107	153535	35.672	ng	# 77
22) Acetophenone	7.35	105	199968	36.171	ng	95
24) Nitrobenzene	7.52	77	150234	35.598	ng	95
25) Isophorone	7.76	82	269659	39.943	ng	95
26) 2-Nitrophenol	7.84	139	75910	36.055	ng	93
27) 2,4-Dimethylphenol	7.87	122	132908	41.451	ng	98
28) bis(2-Chloroethoxy)methane	7.96	93	169520	37.086	ng	99
29) 2,4-Dichlorophenol	8.08	162	123212	37.346	ng	97
30) 1,2,4-Trichlorobenzene	8.16	180	131298	35.297	ng	96
31) Naphthalene	8.24	128	427074	38.351	ng	99
32) Benzoic acid	7.98	122	53424	23.549	ng	96
33) 4-Chloroaniline	8.30	127	46677	9.254	ng	97
34) Hexachlorobutadiene	8.35	225	70857	33.349	ng	98
35) Caprolactam	8.66	113	40075	36.357	ng	91
36) 4-Chloro-3-methylphenol	8.77	107	132624	37.273	ng	97
37) 2-Methylnaphthalene	8.93	142	292615	40.083	ng	98
38) 1-Methylnaphthalene	9.03	142	272686	38.841	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.10	216	123363	34.247	ng	99

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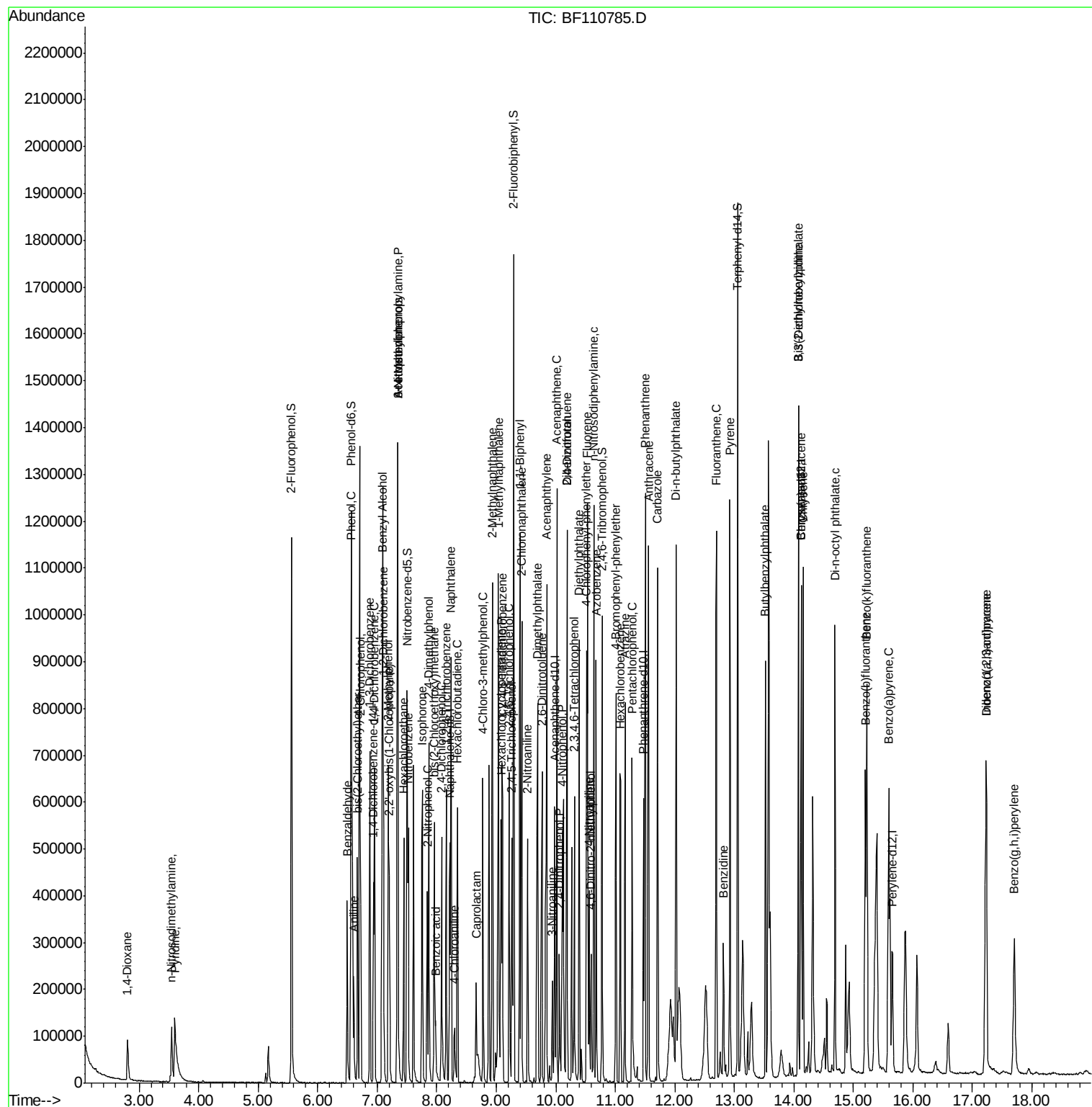
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.08	237	74251	55.462	ng	99
43) 2,4,6-Trichlorophenol	9.22	196	83516	36.895	ng	97
44) 2,4,5-Trichlorophenol	9.26	196	88265	36.555	ng	97
46) 1,1'-Biphenyl	9.40	154	359011	33.818	ng	99
47) 2-Chloronaphthalene	9.43	162	270316	35.345	ng	100
48) 2-Nitroaniline	9.53	65	85752	36.385	ng	97
49) Acenaphthylene	9.85	152	432166	39.237	ng	99
50) Dimethylphthalate	9.69	163	315432	37.147	ng	99
51) 2,6-Dinitrotoluene	9.77	165	69289	37.094	ng	93
52) Acenaphthene	10.02	154	258161	37.089	ng	98
53) 3-Nitroaniline	9.95	138	35430	16.372	ng	85
54) 2,4-Dinitrophenol	10.06	184	43277	59.443	ng	89
55) Dibenzofuran	10.19	168	375358	36.858	ng	99
56) 4-Nitrophenol	10.11	139	103329	71.970	ng	93
57) 2,4-Dinitrotoluene	10.18	165	95130	39.169	ng	93
58) Fluorene	10.53	166	310542	39.700	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.31	232	74426	39.182	ng	94
60) Diethylphthalate	10.39	149	325000	38.687	ng	99
61) 4-Chlorophenyl-phenylether	10.52	204	147091	36.318	ng	96
62) 4-Nitroaniline	10.56	138	74193	34.046	ng	89
63) Azobenzene	10.68	77	300606	36.677	ng	97
65) 4,6-Dinitro-2-methylphenol	10.59	198	34451	30.669	ng	89
66) n-Nitrosodiphenylamine	10.64	169	266561	35.482	ng	96
67) 4-Bromophenyl-phenylether	11.01	248	85108	34.550	ng	# 91
68) Hexachlorobenzene	11.09	284	92094	35.461	ng	99
69) Atrazine	11.16	200	90145	39.243	ng	98
70) Pentachlorophenol	11.28	266	85082	61.397	ng	99
71) Phenanthrene	11.50	178	462009	38.691	ng	98
72) Anthracene	11.56	178	486156	40.360	ng	98
73) Carbazole	11.71	167	419966	36.304	ng	100
74) Di-n-butylphthalate	12.02	149	519188	38.272	ng	98
75) Fluoranthene	12.70	202	473667	39.566	ng	98
77) Benzidine	12.82	184	111434	24.150	ng	95
78) Pyrene	12.93	202	481137	37.242	ng	99
80) Butylbenzylphthalate	13.52	149	209281	37.637	ng	96
81) Benzo(a)anthracene	14.12	228	383855	38.275	ng	99
82) 3,3'-Dichlorobenzidine	14.07	252	63689	18.957	ng	99
83) Chrysene	14.16	228	355603	37.219	ng	99
84) Bis(2-ethylhexyl)phthalate	14.07	149	280203	40.621	ng	99
85) Di-n-octyl phthalate	14.69	149	426412	42.037	ng	96
86) Indeno(1,2,3-cd)pyrene	17.23	276	328041	47.846	ng	98
88) Benzo(b)fluoranthene	15.20	252	311730	39.688	ng	97
89) Benzo(k)fluoranthene	15.23	252	283013	36.465	ng	# 96
90) Benzo(a)pyrene	15.59	252	285191	39.963	ng	98
91) Dibenzo(a,h)anthracene	17.23	278	273713	45.323	ng	97
92) Benzo(g,h,i)perylene	17.70	276	275240	45.935	ng	99

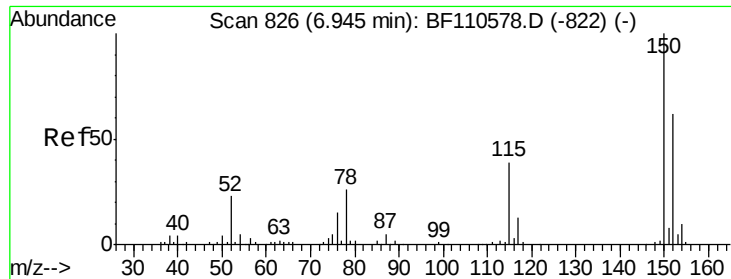
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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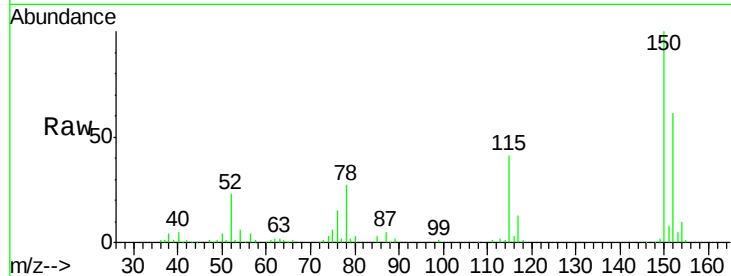




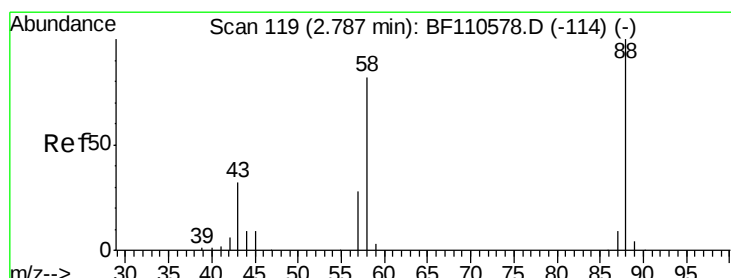
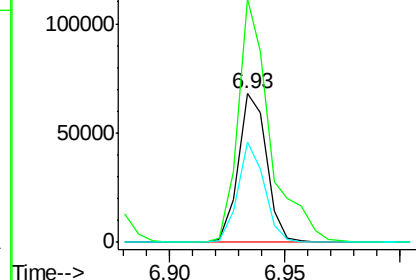
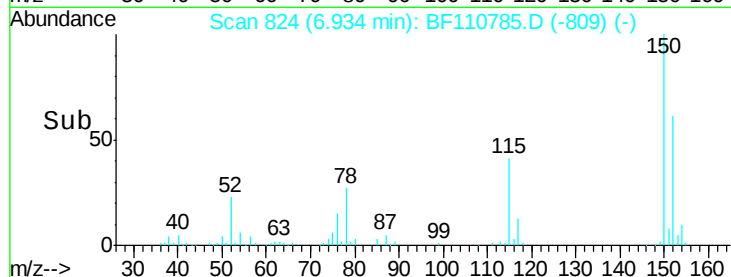
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.93 min Scan# 824
 Delta R.T. -0.01 min
 Lab File: BF110785.D
 Acq: 15 Nov 2018 13:43

Instrument :
 BNA_F
 ClientSampleId :
 PB114818BS

Tgt Ion:152 Resp: 58374
 Ion Ratio Lower Upper
 152 100
 150 163.9 122.7 184.1
 115 67.2 49.1 73.7

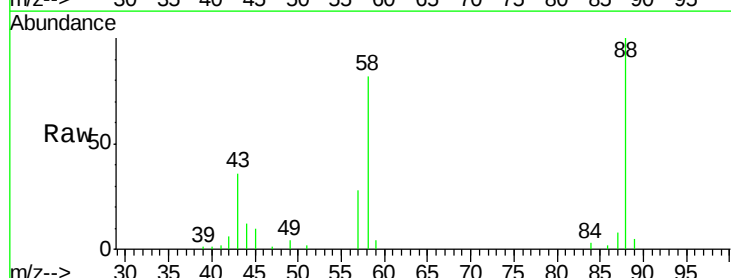


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

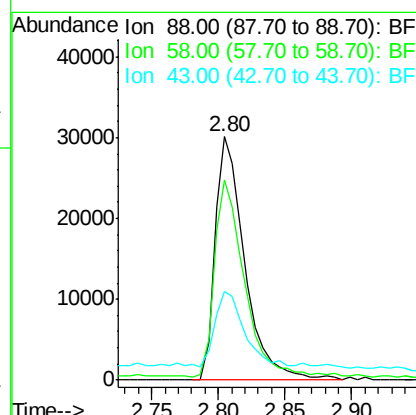
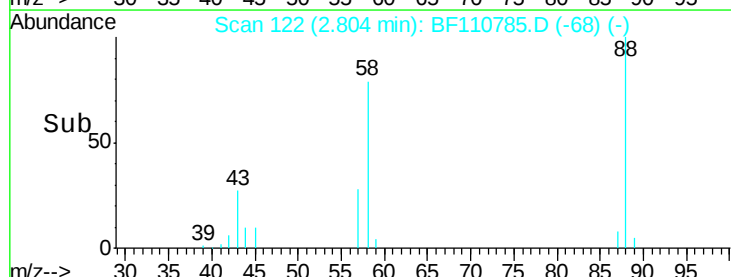


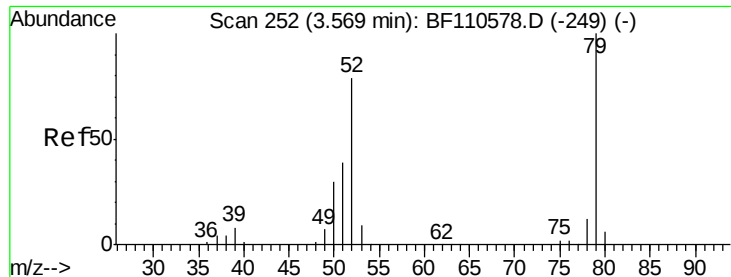
#2
 1,4-Dioxane
 Concen: 26.217 ng
 RT: 2.80 min Scan# 122
 Delta R.T. 0.02 min
 Lab File: BF110785.D
 Acq: 15 Nov 2018 13:43

Tgt Ion: 88 Resp: 46945
 Ion Ratio Lower Upper
 88 100
 58 81.1 57.1 85.7
 43 29.2 24.1 36.1



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: 33.148 ng

RT: 3.60 min Scan# 257

Delta R.T. 0.03 min

Lab File: BF110785.D

Acq: 15 Nov 2018 13:43

Instrument :

BNA_F

ClientSampleId :

PB114818BS

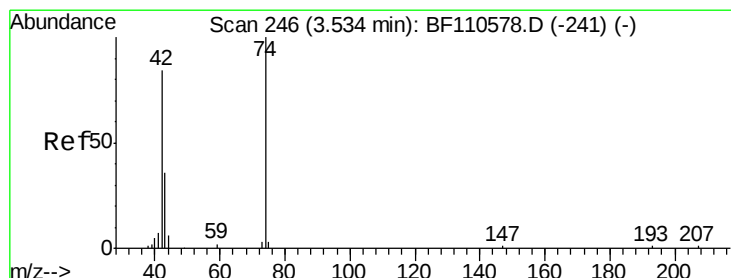
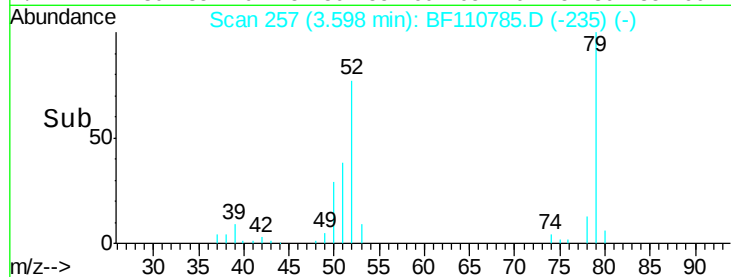
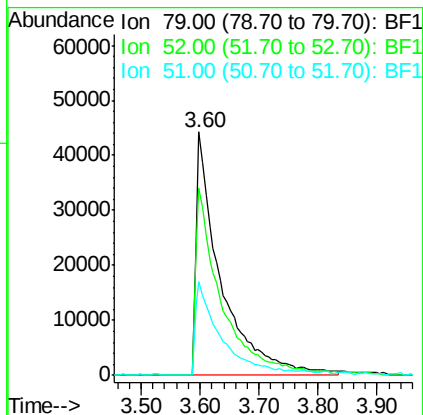
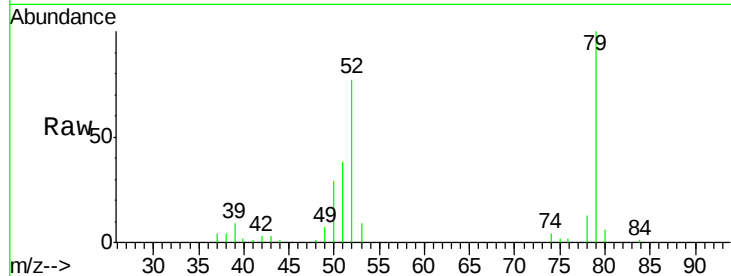
Tgt Ion: 79 Resp: 128117

Ion Ratio Lower Upper

79 100

52 76.8 53.1 79.7

51 38.4 27.4 41.2



#4

n-Nitrosodimethylamine

Concen: 40.306 ng

RT: 3.55 min Scan# 248

Delta R.T. 0.01 min

Lab File: BF110785.D

Acq: 15 Nov 2018 13:43

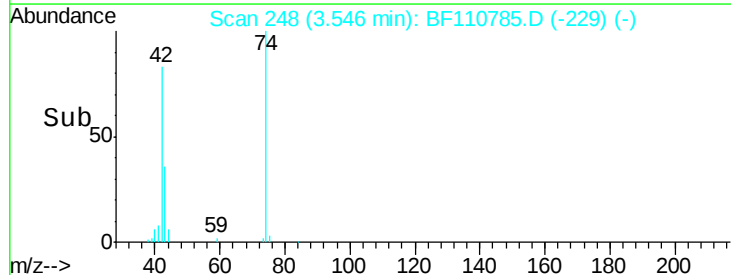
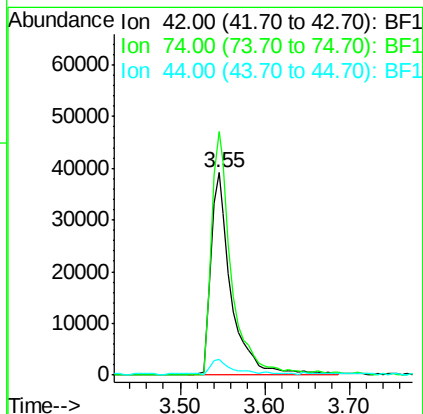
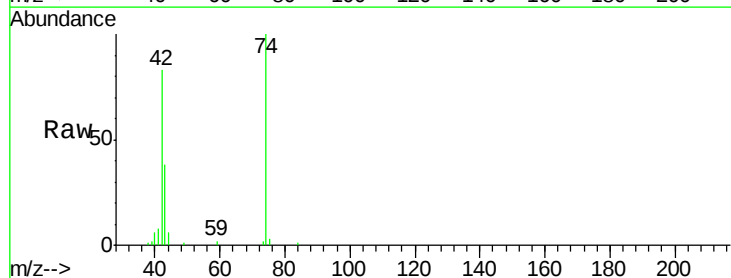
Tgt Ion: 42 Resp: 66843

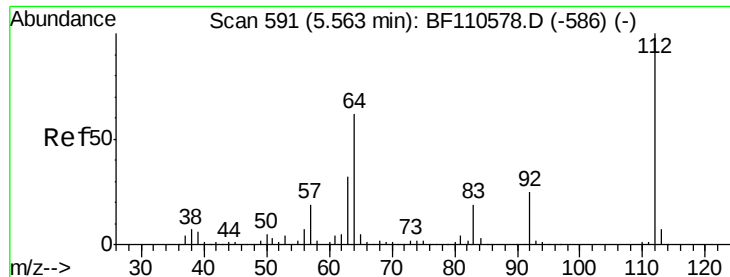
Ion Ratio Lower Upper

42 100

74 120.3 105.5 158.3

44 7.5 4.9 7.3#





#5

2-Fluorophenol

Concen: 98.448 ng

RT: 5.56 min Scan# 590

Delta R.T. -0.01 min

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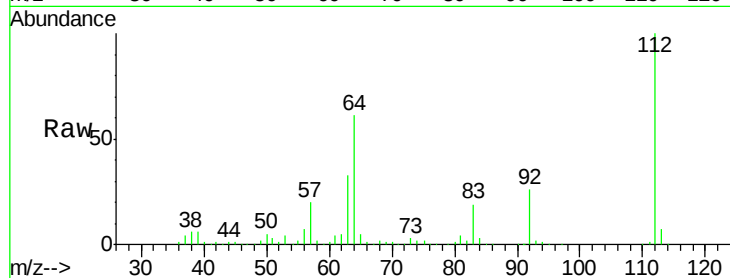
Tgt Ion: 112 Resp: 353799

Ion Ratio Lower Upper

112 100

64 61.3 44.1 66.1

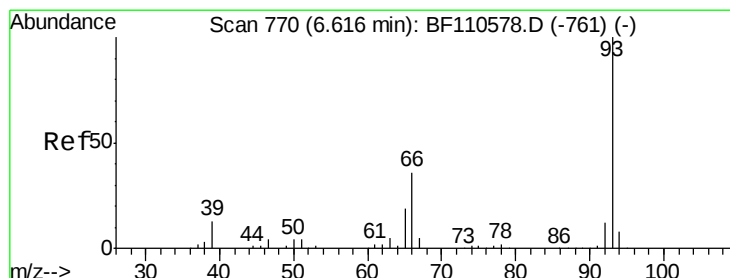
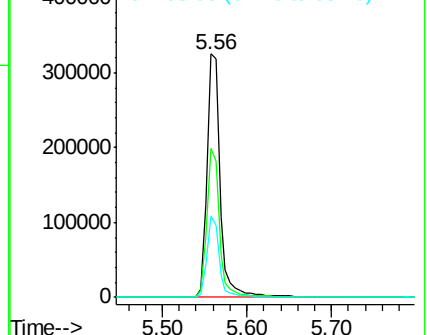
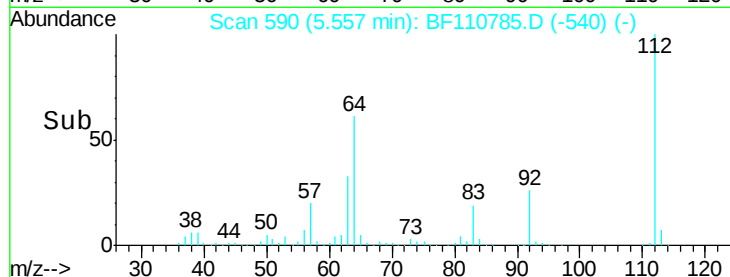
63 33.3 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 13.760 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.01 min

Lab File: BF110785.D

Acq: 15 Nov 2018 13:43

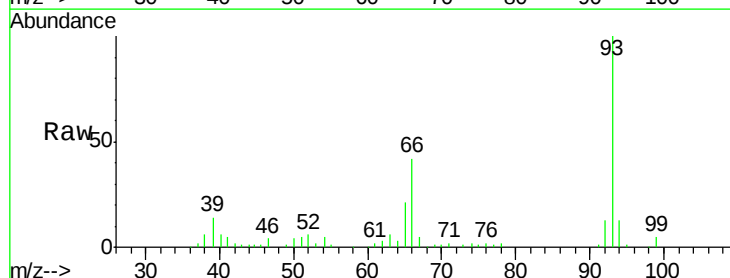
Tgt Ion: 93 Resp: 82463

Ion Ratio Lower Upper

93 100

66 42.2 67.4 101.0#

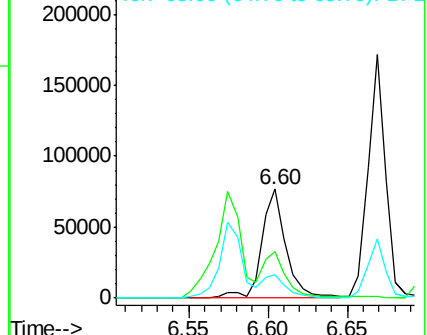
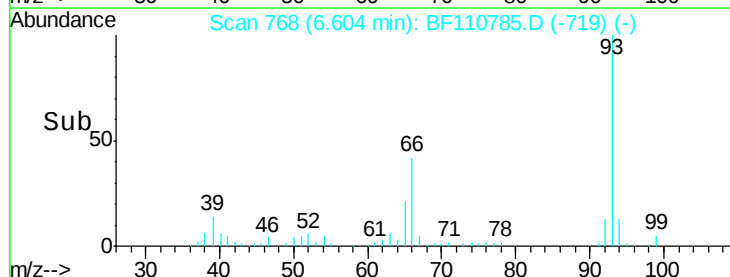
65 21.0 41.0 61.4#

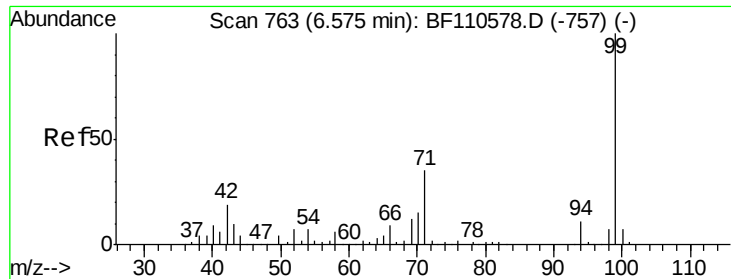


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 95.926 ng

RT: 6.56 min Scan# 761

Delta R.T. -0.01 min

Lab File: BF110785.D

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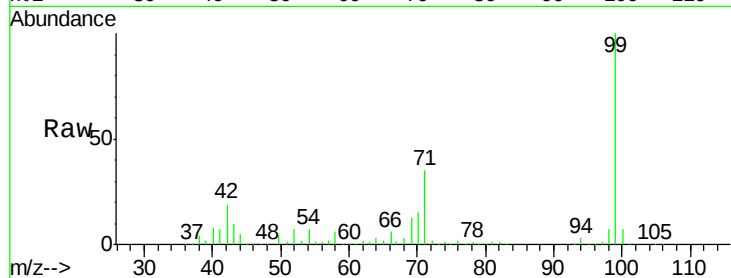
Tgt Ion: 99 Resp: 440831

Ion Ratio Lower Upper

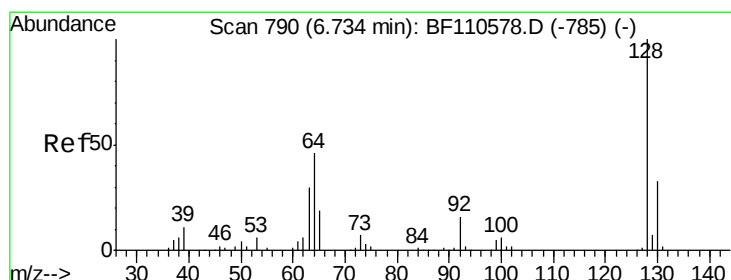
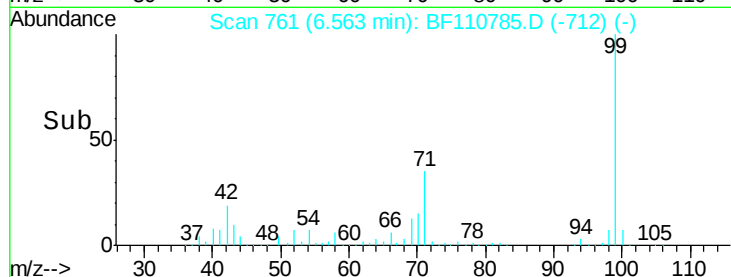
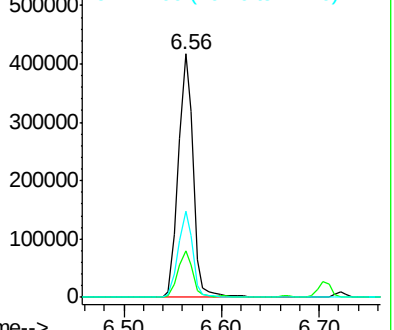
99 100

42 19.2 15.8 23.6

71 35.5 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 35.220 ng

RT: 6.72 min Scan# 788

Delta R.T. -0.01 min

Lab File: BF110785.D

Acq: 15 Nov 2018 13:43

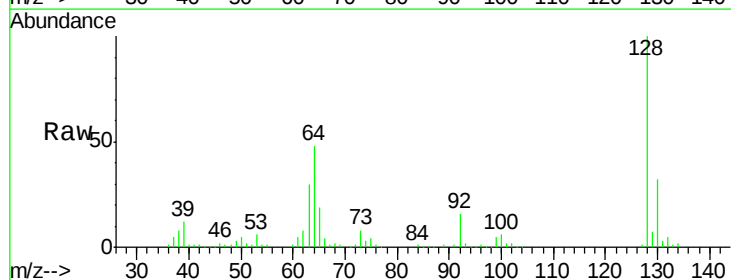
Tgt Ion: 128 Resp: 148380

Ion Ratio Lower Upper

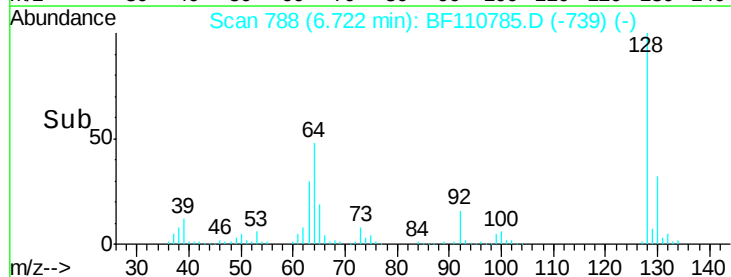
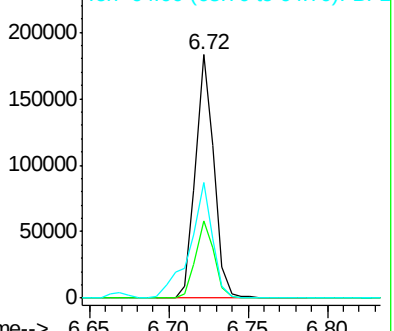
128 100

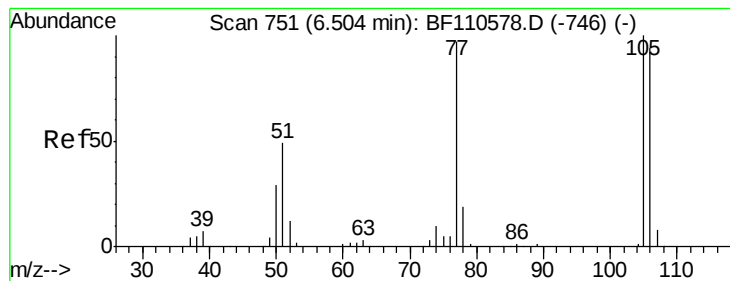
130 31.6 13.1 53.1

64 47.6 26.0 66.0



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 29.913 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

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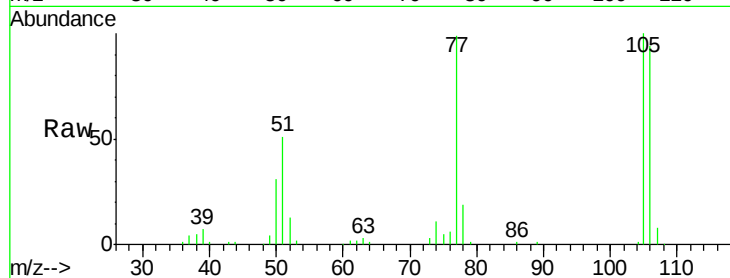
Tgt Ion: 77 Resp: 78926

Ion Ratio Lower Upper

77 100

105 101.3 78.6 118.6

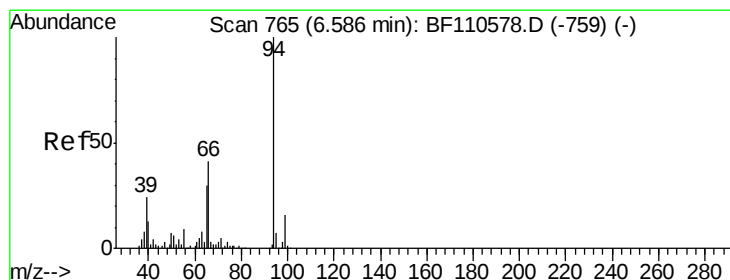
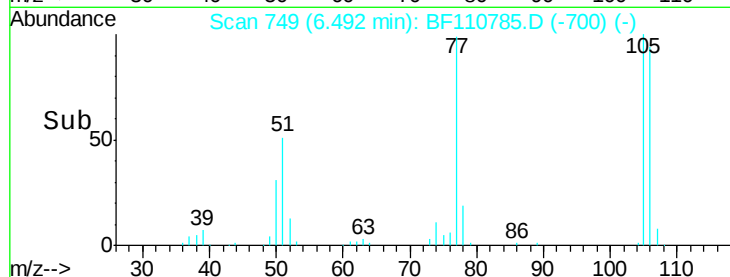
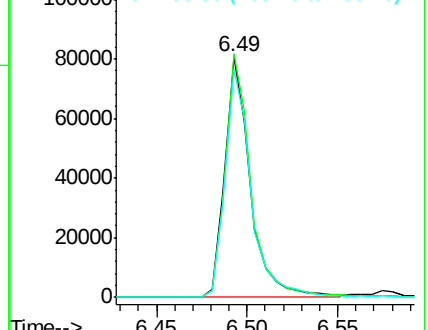
106 95.1 74.8 114.8



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 33.442 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF110785.D

Acq: 15 Nov 2018 13:43

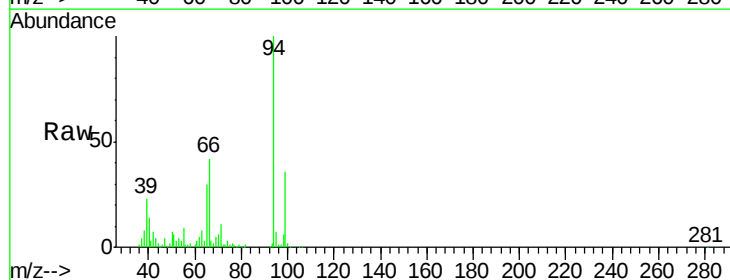
Tgt Ion: 94 Resp: 178205

Ion Ratio Lower Upper

94 100

65 29.7 25.3 65.3

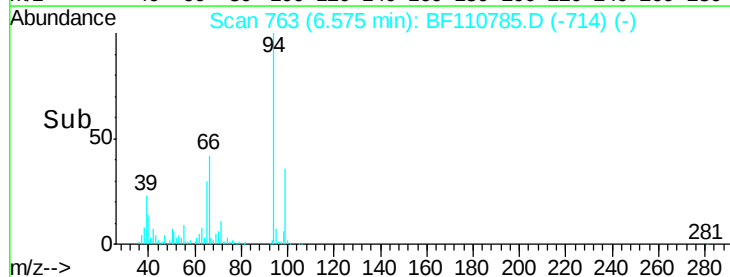
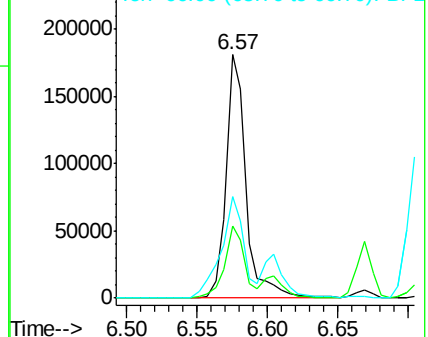
66 41.7 54.5 94.5#



Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

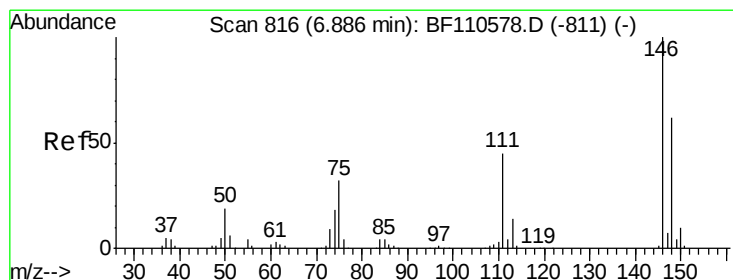
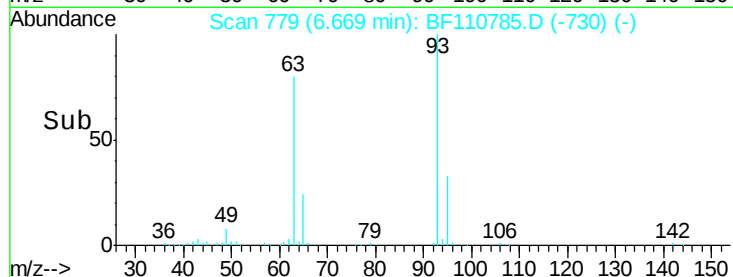
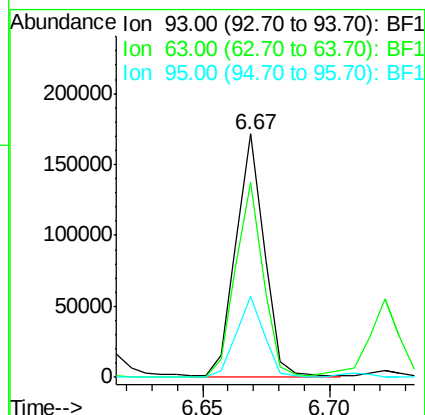
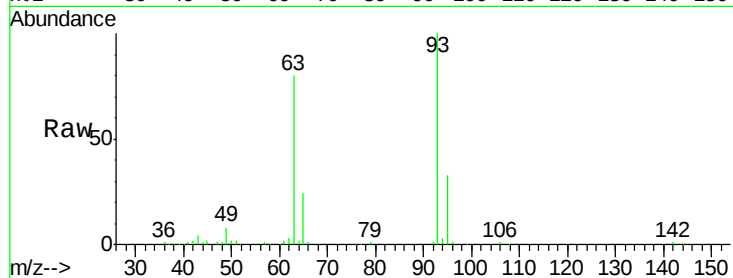




#11
bis(2-Chloroethyl)ether
Concen: 33.723 ng
RT: 6.67 min Scan# 779
Delta R.T. -0.01 min
Lab File: BF110785.D
Acq: 15 Nov 2018 13:43

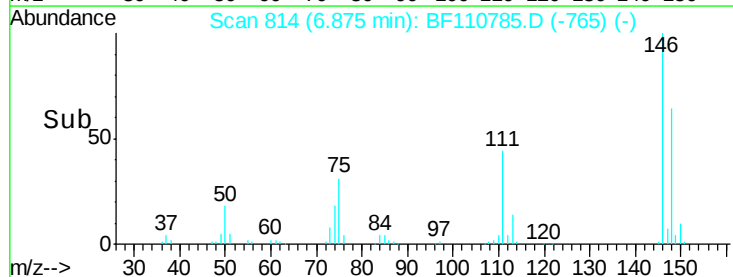
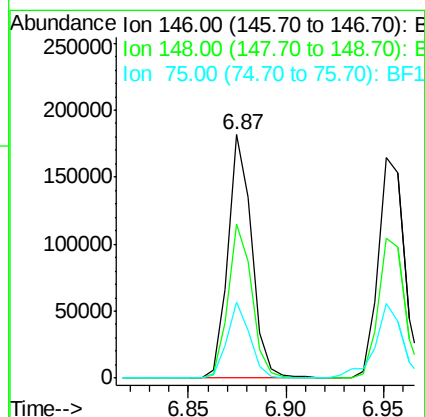
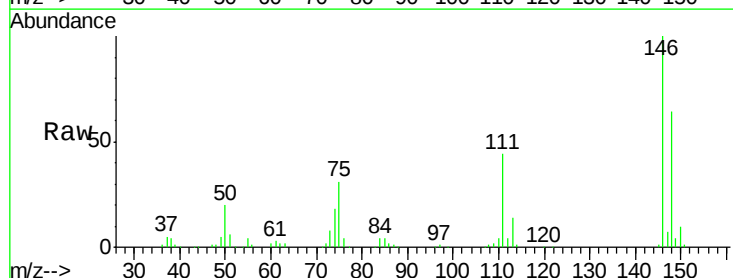
Instrument :
BNA_F
ClientSampleId :
PB114818BS

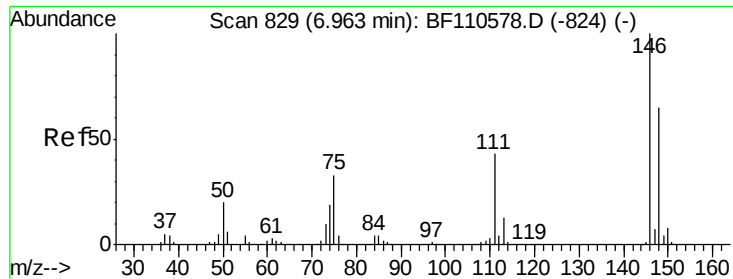
Tgt Ion: 93 Resp: 134673
Ion Ratio Lower Upper
93 100
63 80.1 53.4 93.4
95 33.1 12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 33.327 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF110785.D
Acq: 15 Nov 2018 13:43

Tgt Ion: 146 Resp: 153621
Ion Ratio Lower Upper
146 100
148 63.5 50.4 75.6
75 31.1 25.8 38.6

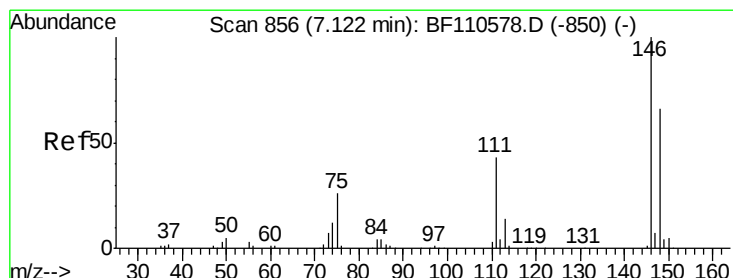
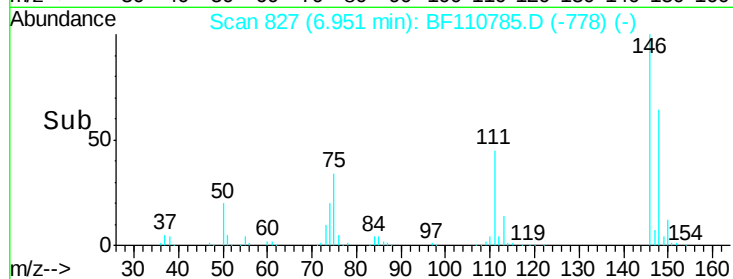
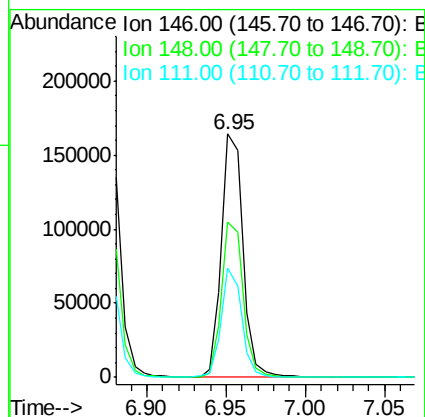
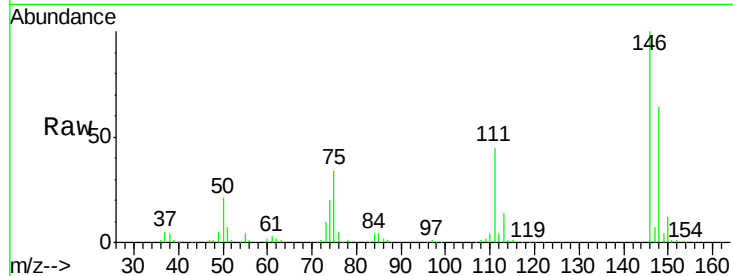




#13
 1,4-Dichlorobenzene
 Concen: 33.285 ng
 RT: 6.95 min Scan# 827
 Delta R.T. -0.01 min
 Lab File: BF110785.D
 Acq: 15 Nov 2018 13:43

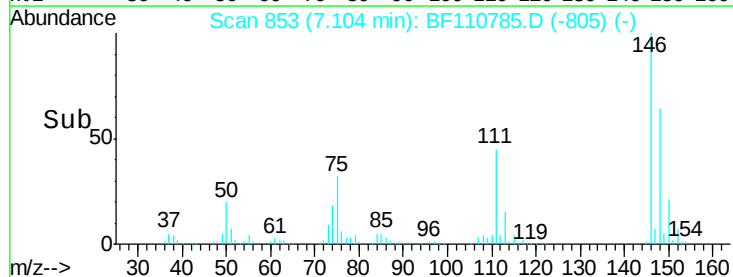
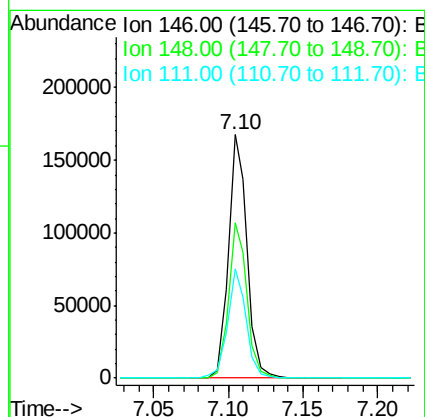
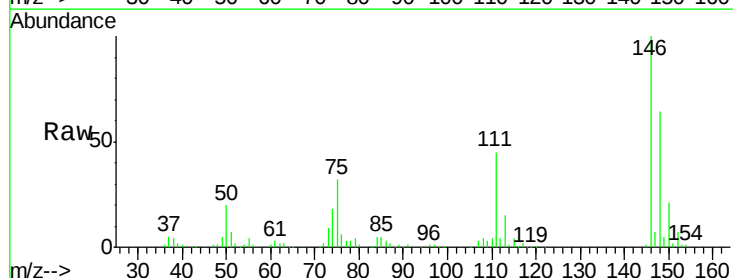
Instrument :
 BNA_F
 ClientSampleId :
 PB114818BS

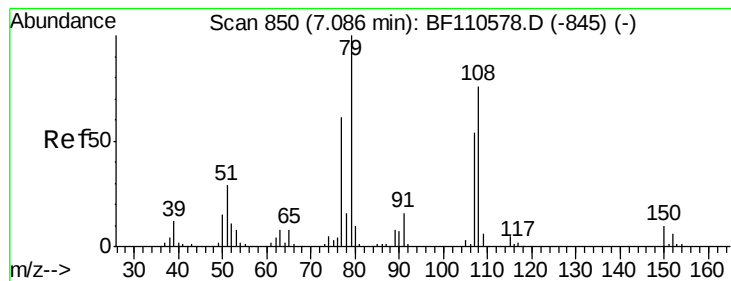
Tgt Ion:146 Resp: 155801
 Ion Ratio Lower Upper
 146 100
 148 63.7 50.3 75.5
 111 45.1 32.7 49.1



#14
 1,2-Dichlorobenzene
 Concen: 34.113 ng
 RT: 7.10 min Scan# 853
 Delta R.T. -0.02 min
 Lab File: BF110785.D
 Acq: 15 Nov 2018 13:43

Tgt Ion:146 Resp: 148546
 Ion Ratio Lower Upper
 146 100
 148 64.0 51.1 76.7
 111 44.9 35.8 53.6





#15

Benzyl Alcohol

Concen: 34.337 ng

RT: 7.08 min Scan# 849

Delta R.T. -0.01 min

Lab File: BF110785.D

Acq: 15 Nov 2018 13:43

Instrument :

BNA_F

ClientSampleId :

PB114818BS

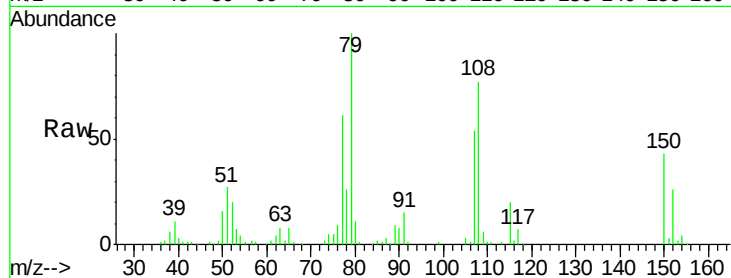
Tgt Ion: 79 Resp: 123487

Ion Ratio Lower Upper

79 100

108 77.3 56.3 84.5

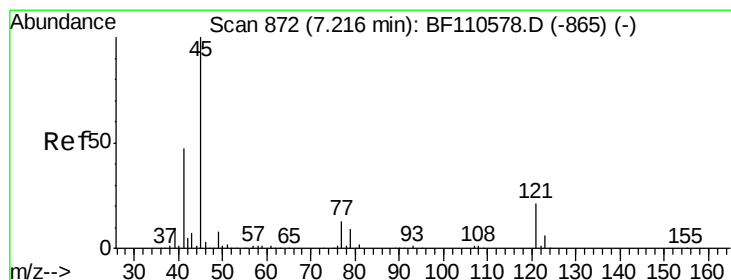
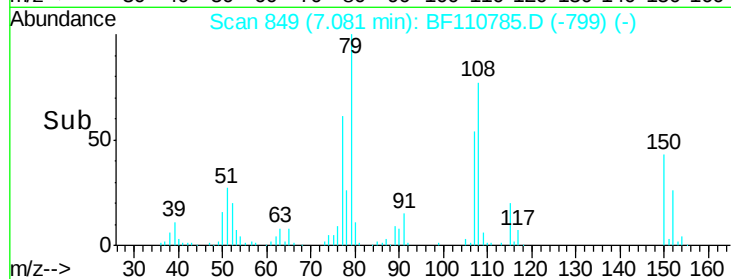
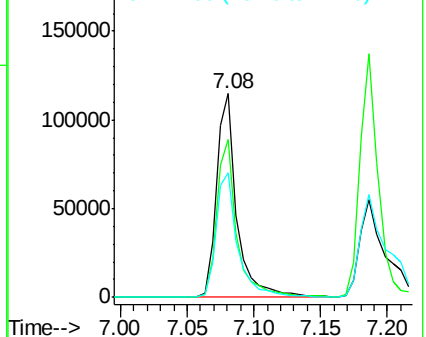
77 61.2 52.9 79.3



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.065 ng

RT: 7.20 min Scan# 870

Delta R.T. -0.01 min

Lab File: BF110785.D

Acq: 15 Nov 2018 13:43

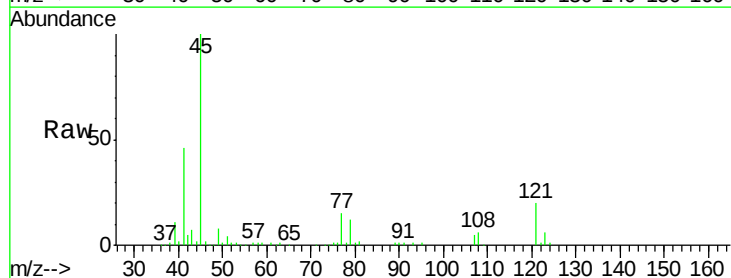
Tgt Ion: 45 Resp: 207367

Ion Ratio Lower Upper

45 100

77 14.7 10.0 50.0

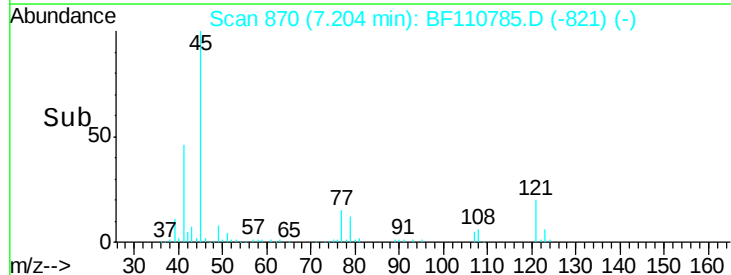
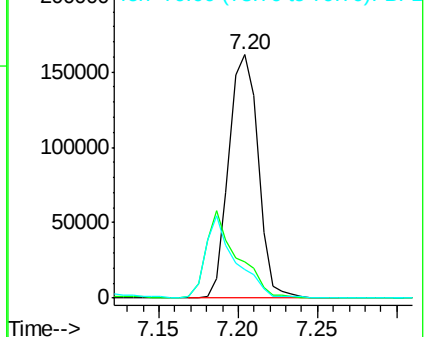
79 11.7 6.1 46.1

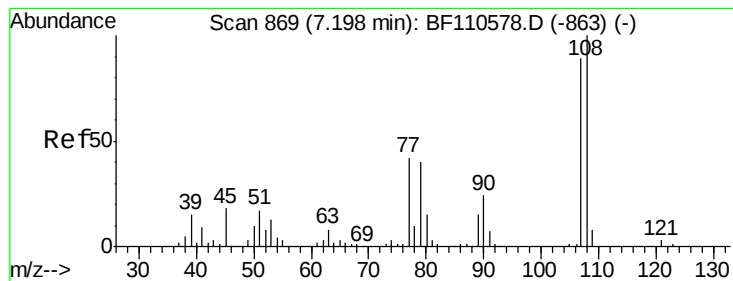


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

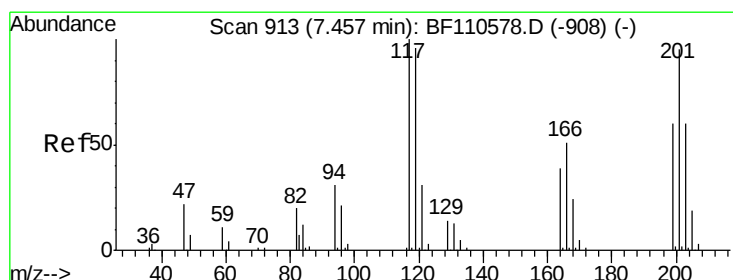
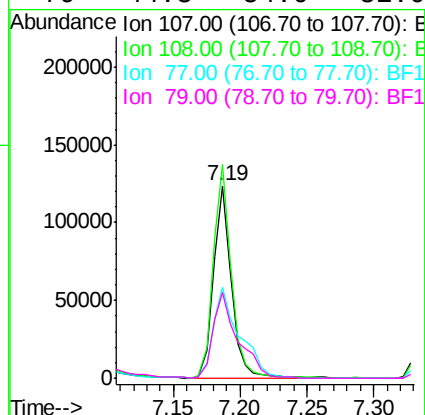
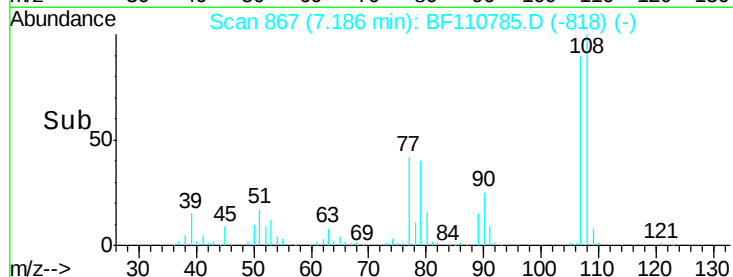
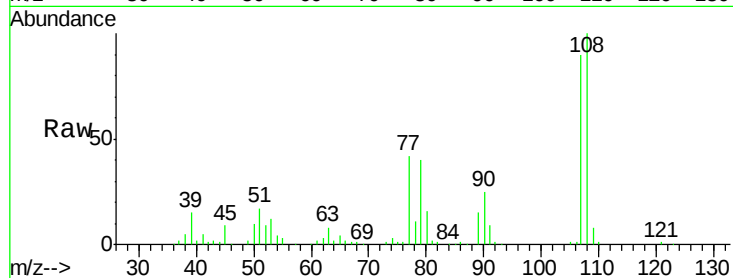




#17
2-Methylphenol
Concen: 35.139 ng
RT: 7.19 min Scan# 867
Delta R.T. -0.01 min
Lab File: BF110785.D
Acq: 15 Nov 2018 13:43

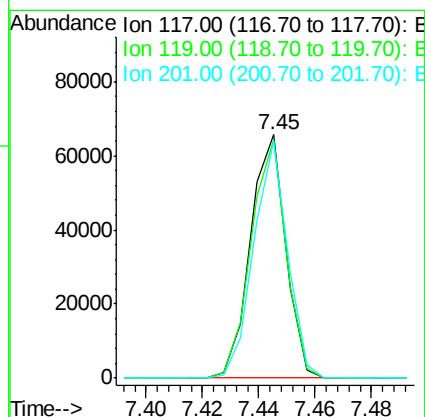
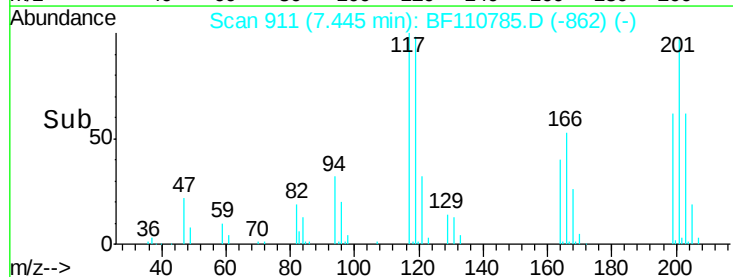
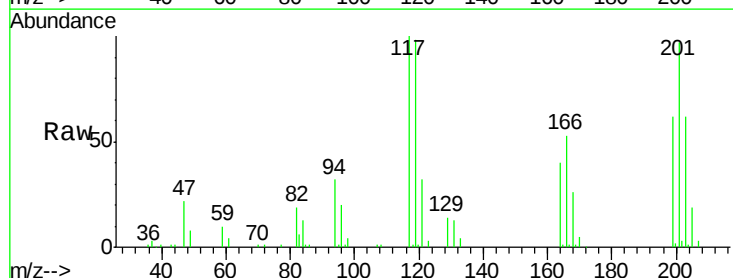
Instrument :
BNA_F
ClientSampleId :
PB114818BS

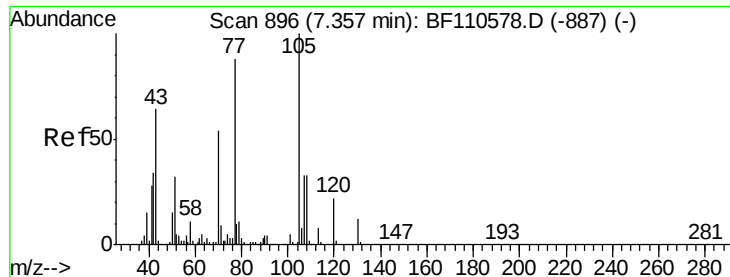
Tgt Ion:107 Resp: 117818
Ion Ratio Lower Upper
107 100
108 110.9 92.6 138.8
77 46.9 59.4 89.2#
79 44.3 54.0 81.0#



#18
Hexachloroethane
Concen: 32.967 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF110785.D
Acq: 15 Nov 2018 13:43

Tgt Ion:117 Resp: 56970
Ion Ratio Lower Upper
117 100
119 98.2 75.0 112.6
201 97.3 79.2 118.8

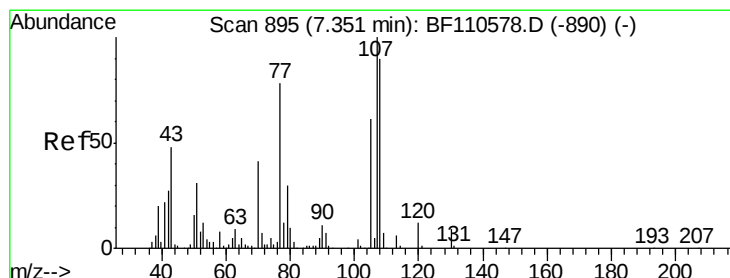
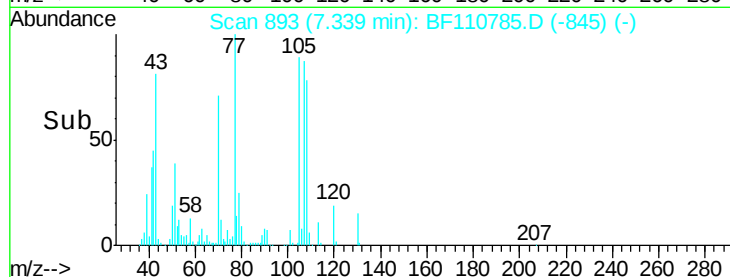
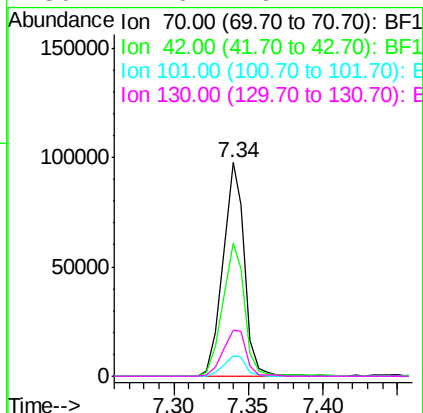
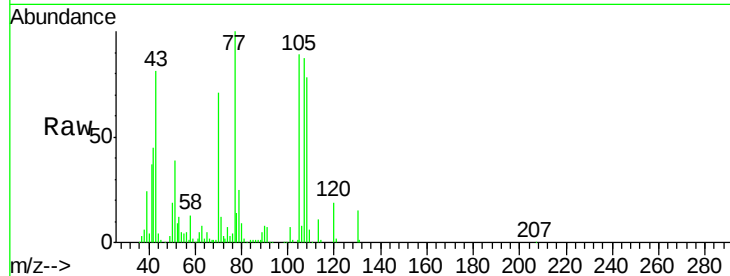




#19
n-Nitroso-di-n-propylamine
Concen: 33.837 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.02 min
Lab File: BF110785.D
Acq: 15 Nov 2018 13:43

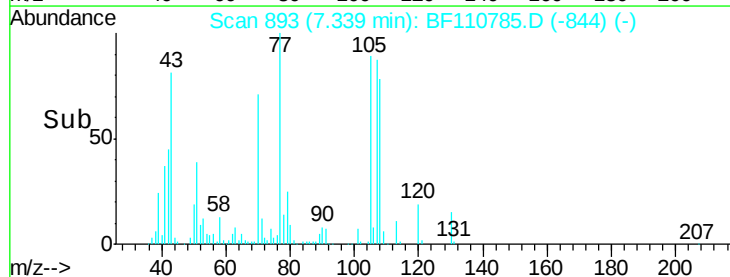
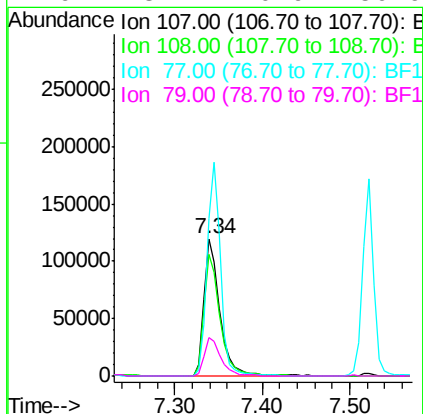
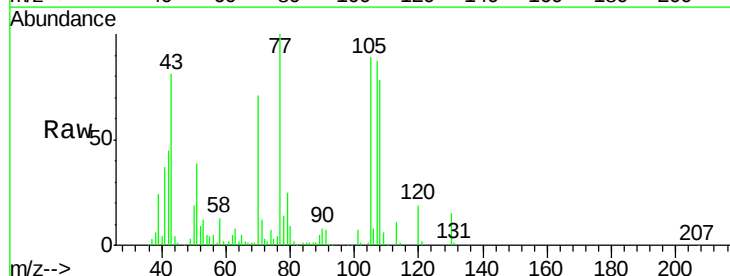
Instrument :
BNA_F
ClientSampleId :
PB114818BS

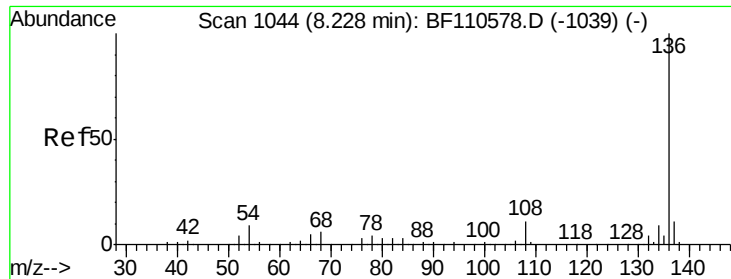
Tgt Ion:	70	Resp:	99259
Ion	Ratio	Lower	Upper
70	100		
42	62.6	47.4	71.2
101	9.7	7.3	10.9
130	21.6	16.2	24.2



#20
3+4-Methylphenols
Concen: 35.672 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.01 min
Lab File: BF110785.D
Acq: 15 Nov 2018 13:43

Tgt Ion:	107	Resp:	153535
Ion	Ratio	Lower	Upper
107	100		
108	88.8	71.4	111.4
77	114.3	47.3	87.3#
79	28.1	10.9	50.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.22 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF110785.D

Acq: 15 Nov 2018 13:43

Instrument :

BNA_F

ClientSampleId :

PB114818BS

Tgt Ion:136 Resp: 237215

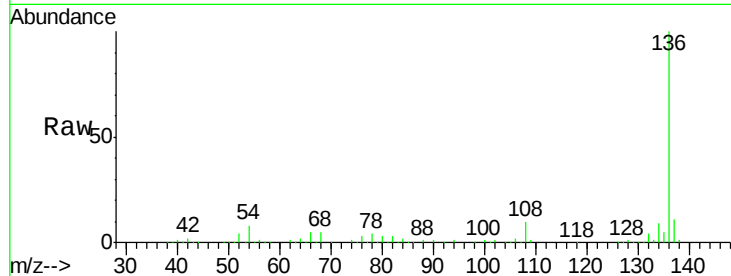
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 7.7 5.4 8.2

68 4.9 4.2 6.2

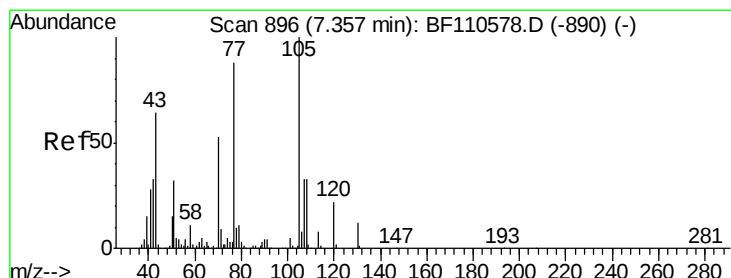
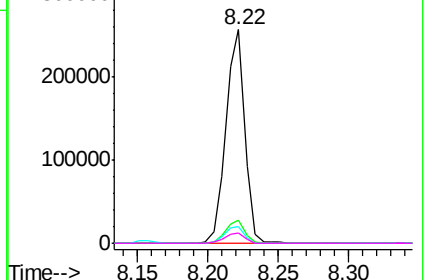
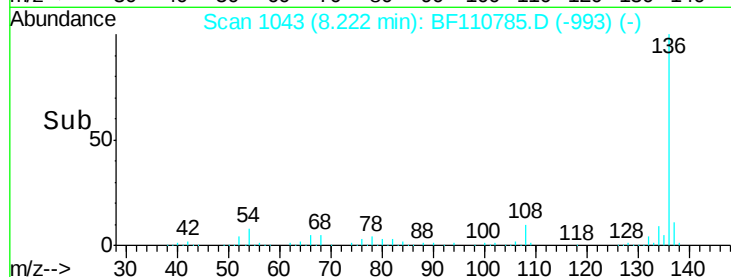


Abundance Ion 136.00 (135.70 to 136.70): E

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: 36.171 ng

RT: 7.35 min Scan# 894

Delta R.T. -0.01 min

Lab File: BF110785.D

Acq: 15 Nov 2018 13:43

Tgt Ion:105 Resp: 199968

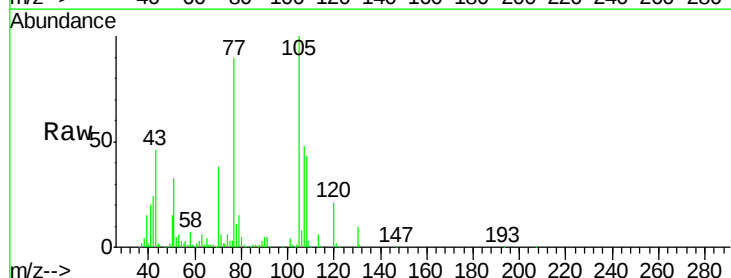
Ion Ratio Lower Upper

105 100

71 6.1 5.2 7.8

51 32.6 21.8 32.8

120 21.0 17.0 25.4

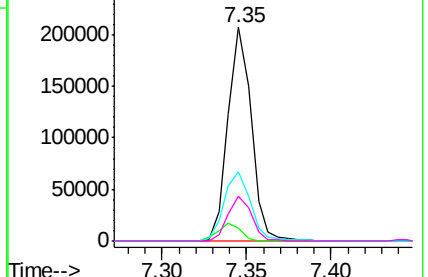
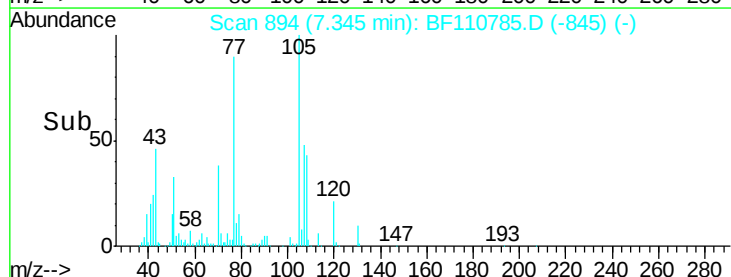


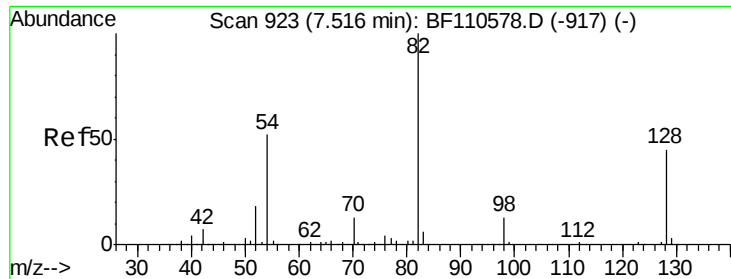
Abundance Ion 105.00 (104.70 to 105.70): E

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

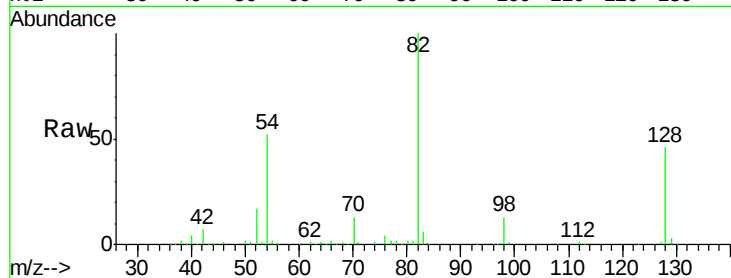




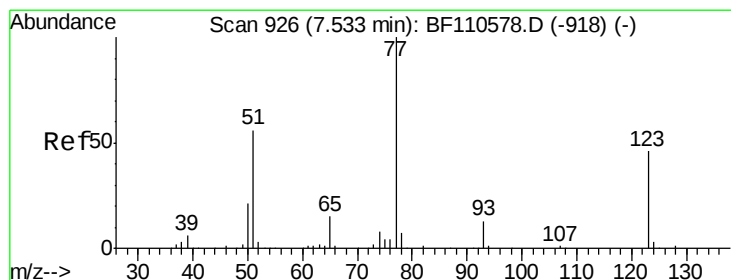
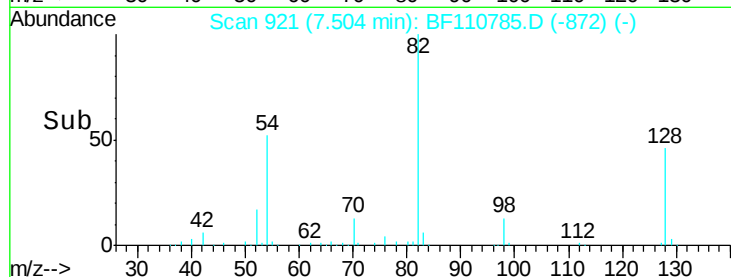
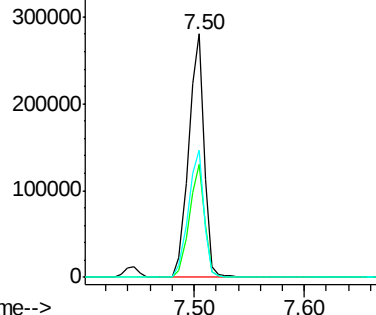
#23
 Nitrobenzene-d5
 Concen: 66.210 ng
 RT: 7.50 min Scan# 921
 Delta R.T. -0.01 min
 Lab File: BF110785.D
 Acq: 15 Nov 2018 13:43

Instrument :
 BNA_F
 ClientSampleId :
 PB114818BS

Tgt Ion: 82 Resp: 272724
 Ion Ratio Lower Upper
 82 100
 128 46.3 34.2 51.2
 54 52.0 38.6 58.0

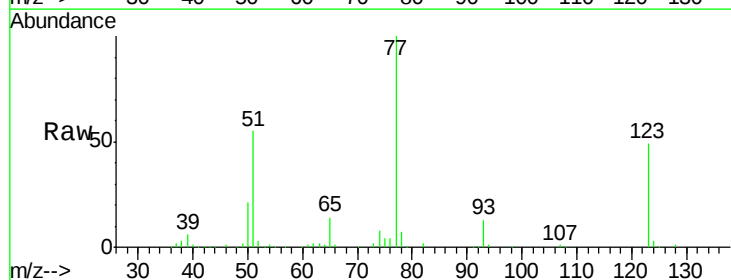


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

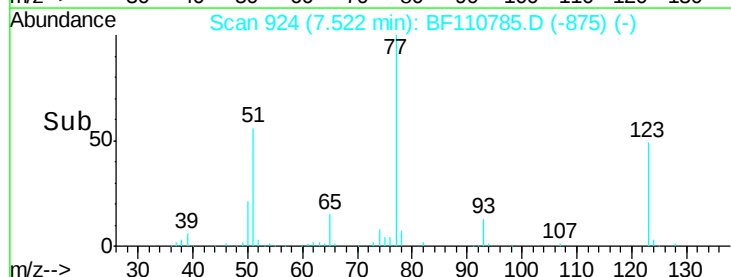
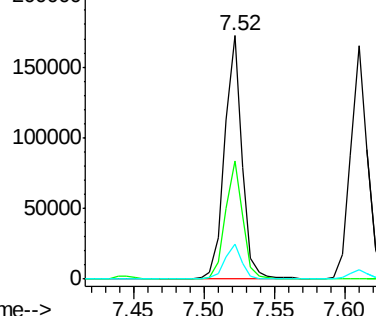


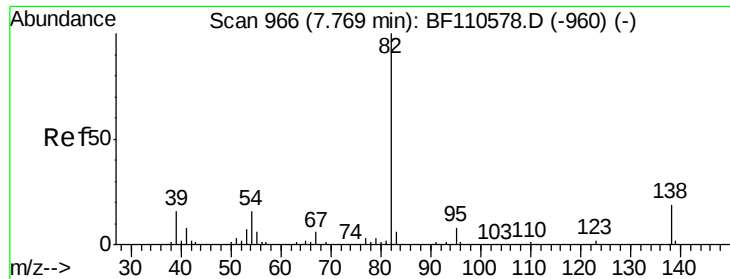
#24
 Nitrobenzene
 Concen: 35.598 ng
 RT: 7.52 min Scan# 924
 Delta R.T. -0.01 min
 Lab File: BF110785.D
 Acq: 15 Nov 2018 13:43

Tgt Ion: 77 Resp: 150234
 Ion Ratio Lower Upper
 77 100
 123 48.6 35.7 53.5
 65 14.5 10.7 16.1



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





#25

Isophorone

Concen: 39.943 ng

RT: 7.76 min Scan# 964

Delta R.T. -0.01 min

Lab File: BF110785.D

Acq: 15 Nov 2018 13:43

Instrument :

BNA_F

ClientSampleId :

PB114818BS

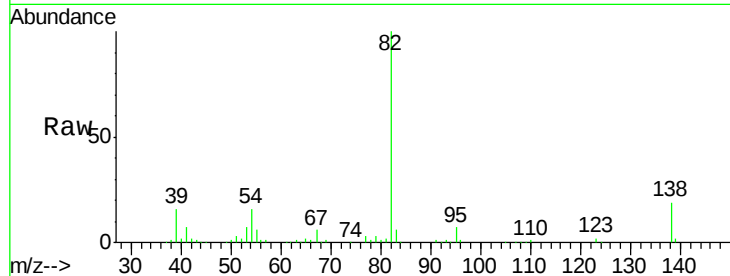
Tgt Ion: 82 Resp: 269659

Ion Ratio Lower Upper

82 100

95 7.3 5.7 8.5

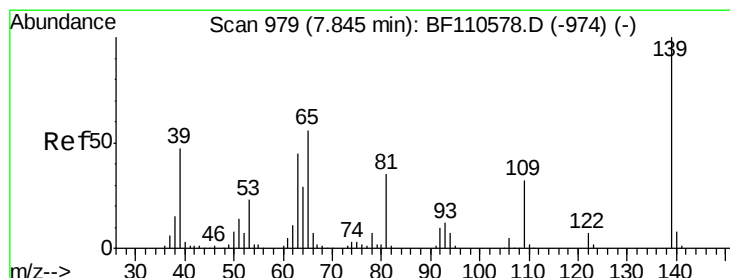
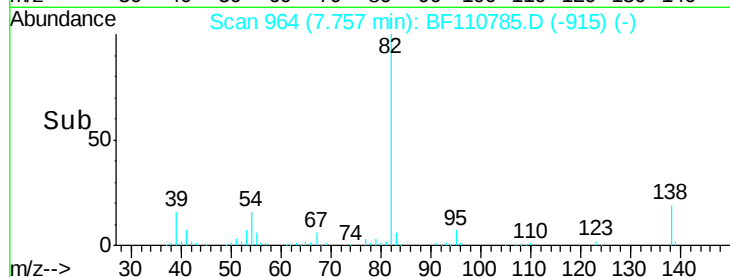
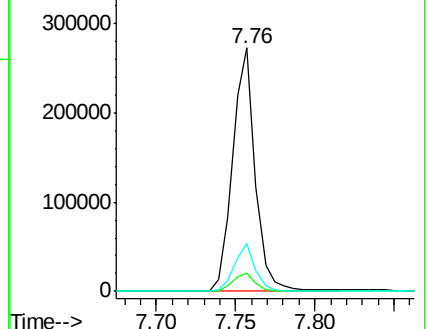
138 19.4 13.2 19.8



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 36.055 ng

RT: 7.84 min Scan# 978

Delta R.T. -0.01 min

Lab File: BF110785.D

Acq: 15 Nov 2018 13:43

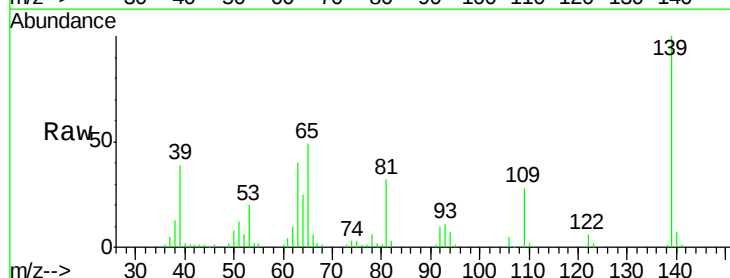
Tgt Ion: 139 Resp: 75910

Ion Ratio Lower Upper

139 100

109 28.3 25.0 37.6

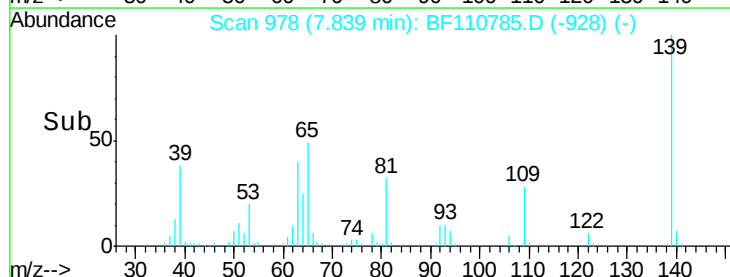
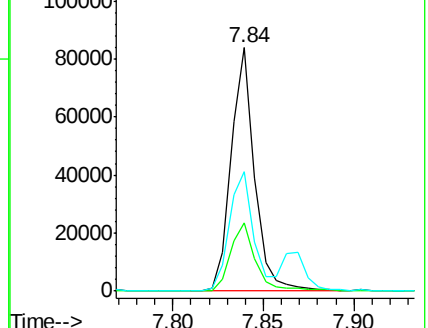
65 49.3 44.0 66.0

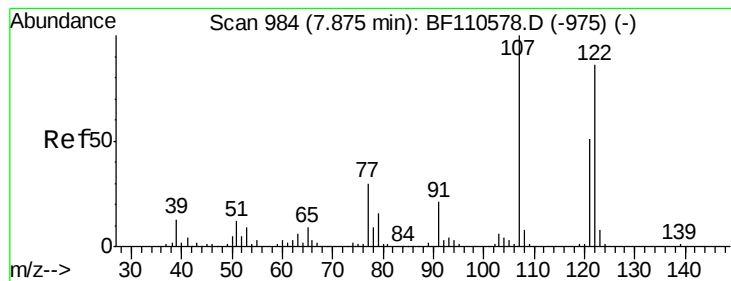


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 41.451 ng

RT: 7.87 min Scan# 983

Delta R.T. -0.01 min

Lab File: BF110785.D

Acq: 15 Nov 2018 13:43

Instrument :

BNA_F

ClientSampleId :

PB114818BS

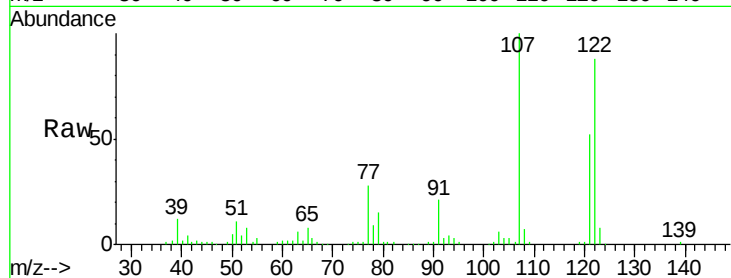
Tgt Ion: 122 Resp: 132908

Ion Ratio Lower Upper

122 100

107 113.2 92.5 138.7

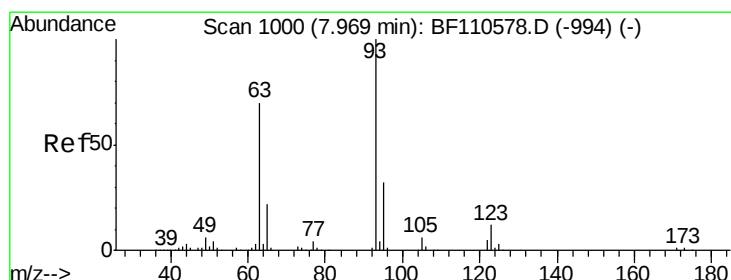
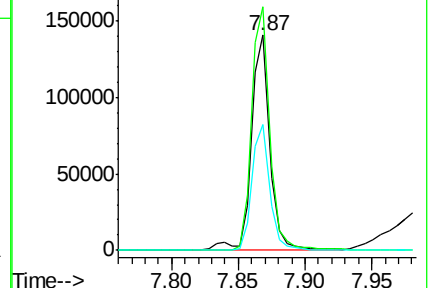
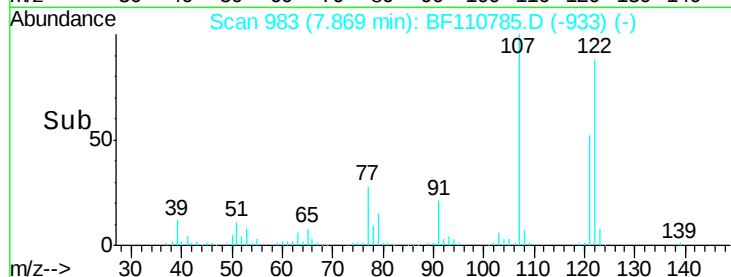
121 58.5 45.8 68.8



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: 37.086 ng

RT: 7.96 min Scan# 999

Delta R.T. -0.01 min

Lab File: BF110785.D

Acq: 15 Nov 2018 13:43

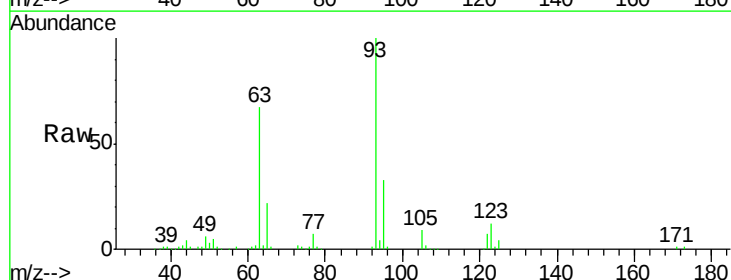
Tgt Ion: 93 Resp: 169520

Ion Ratio Lower Upper

93 100

95 32.9 26.4 39.6

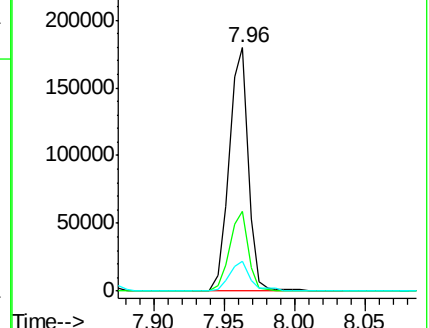
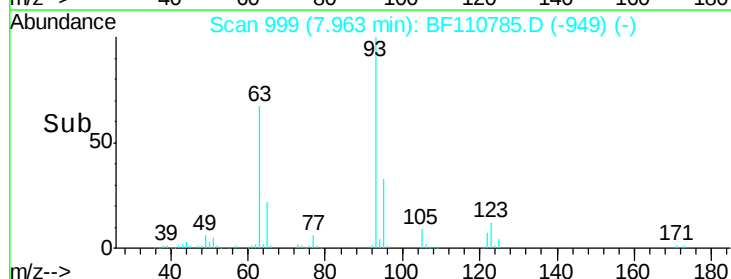
123 12.3 9.0 13.6

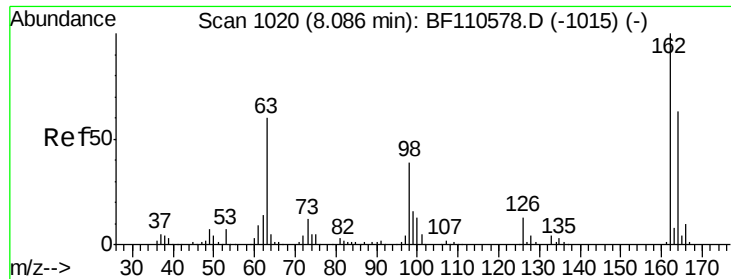


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

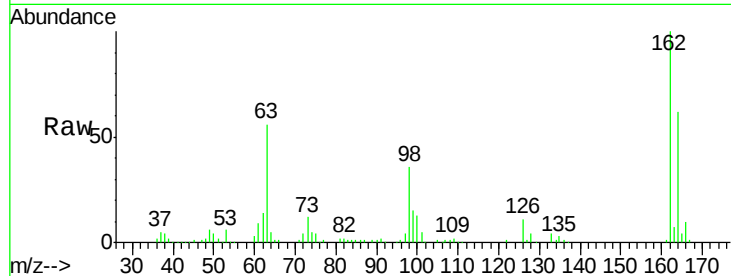




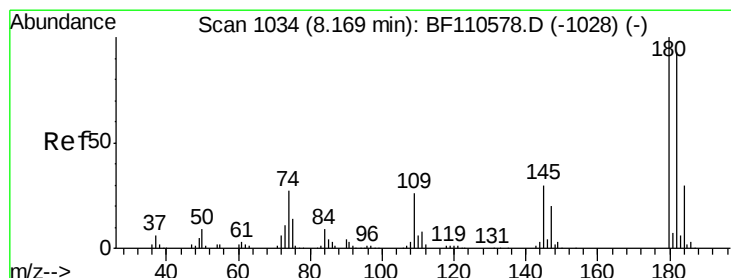
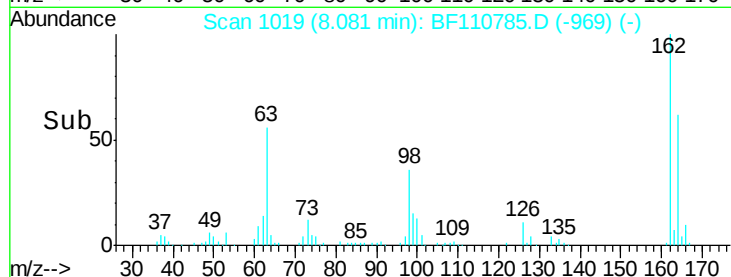
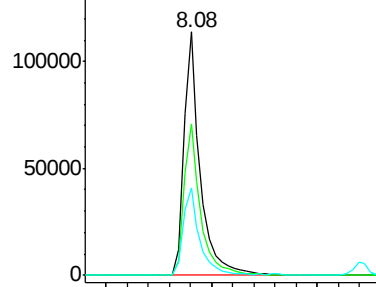
#29
 2,4-Dichlorophenol
 Concen: 37.346 ng
 RT: 8.08 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: BF110785.D
 Acq: 15 Nov 2018 13:43

Instrument :
 BNA_F
 ClientSampleId :
 PB114818BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	62.2	44.6	84.6
98	35.9	17.4	57.4

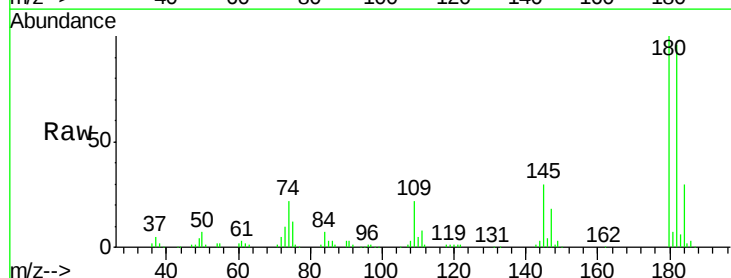


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

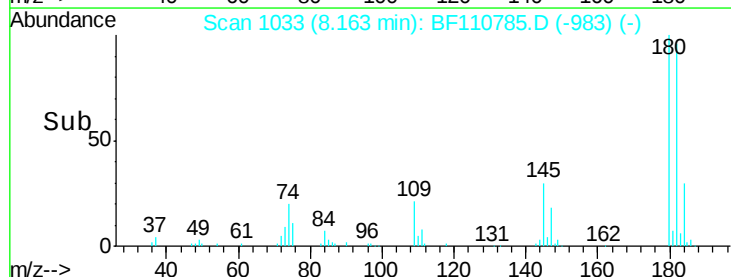
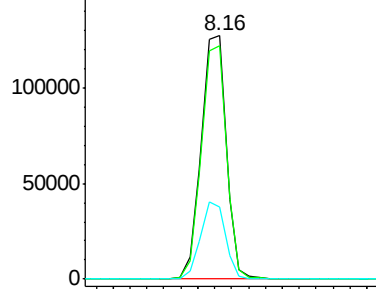


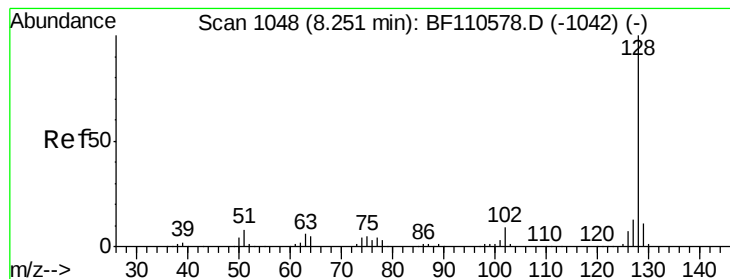
#30
 1,2,4-Trichlorobenzene
 Concen: 35.297 ng
 RT: 8.16 min Scan# 1033
 Delta R.T. -0.01 min
 Lab File: BF110785.D
 Acq: 15 Nov 2018 13:43

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	80.3	120.5
145	29.5	25.4	38.0



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 38.351 ng

RT: 8.24 min Scan# 1046

Delta R.T. -0.01 min

Lab File: BF110785.D

Acq: 15 Nov 2018 13:43

Instrument :

BNA_F

ClientSampleId :

PB114818BS

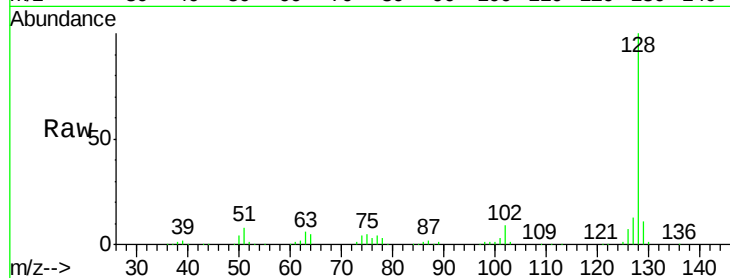
Tgt Ion:128 Resp: 427074

Ion Ratio Lower Upper

128 100

129 11.2 8.8 13.2

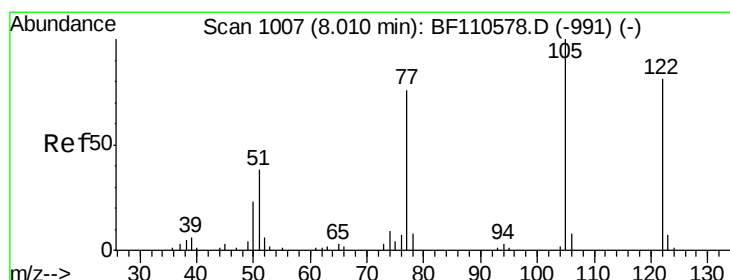
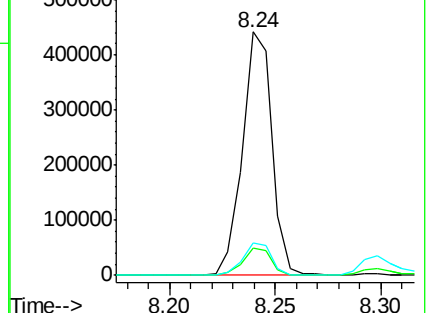
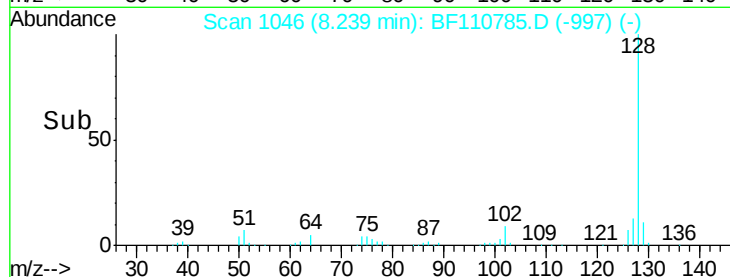
127 13.2 10.8 16.2



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: 23.549 ng

RT: 7.98 min Scan# 1002

Delta R.T. -0.03 min

Lab File: BF110785.D

Acq: 15 Nov 2018 13:43

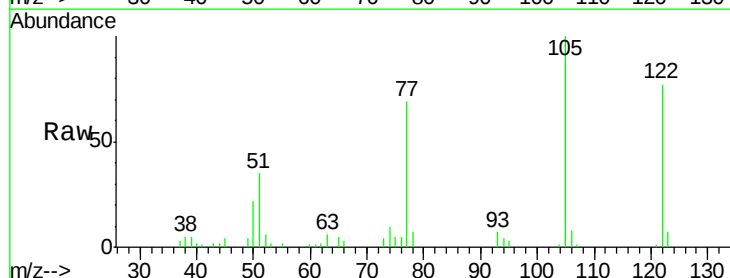
Tgt Ion:122 Resp: 53424

Ion Ratio Lower Upper

122 100

105 130.0 109.0 149.0

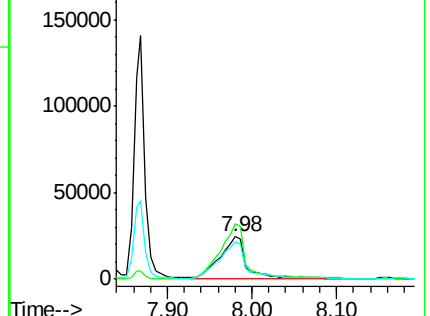
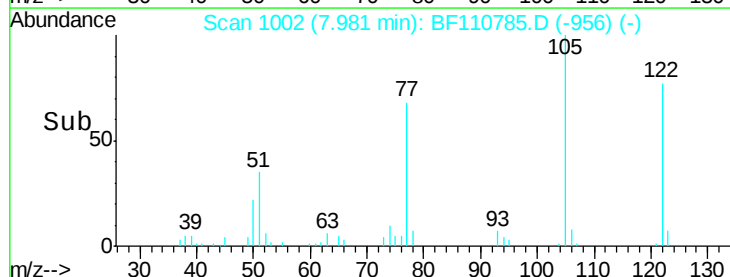
77 90.3 79.0 119.0

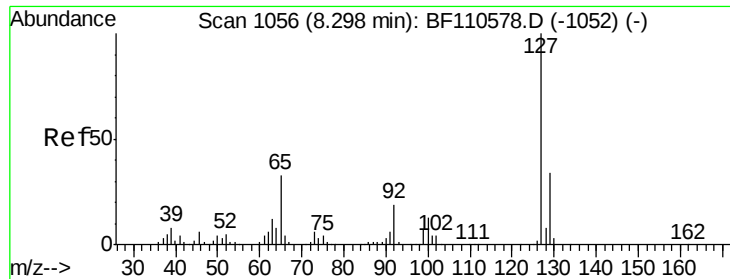


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

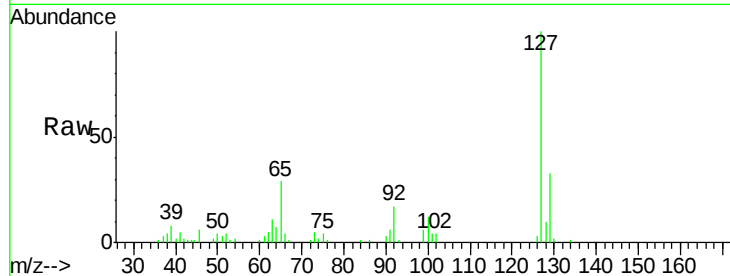




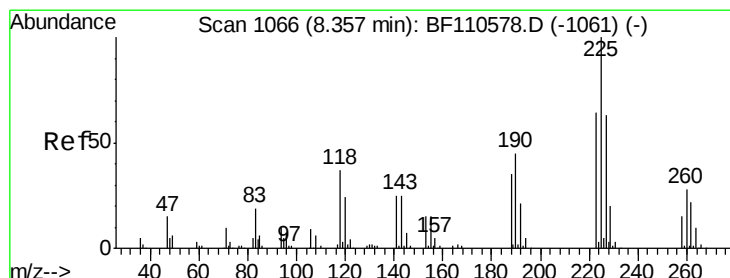
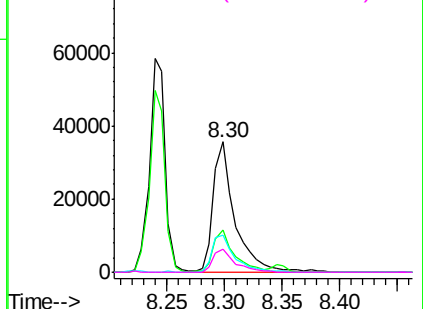
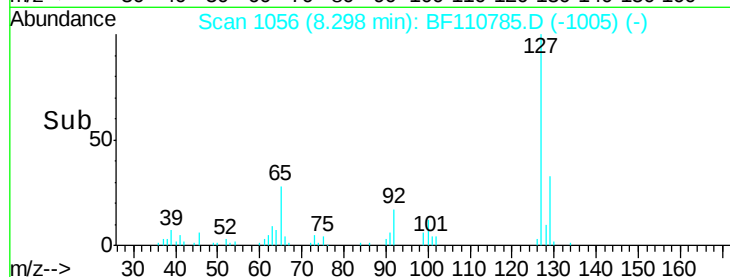
#33
4-Chloroaniline
Concen: 9.254 ng
RT: 8.30 min Scan# 1056
Delta R.T. 0.00 min
Lab File: BF110785.D
Acq: 15 Nov 2018 13:43

Instrument :
BNA_F
ClientSampleId :
PB114818BS

Tgt Ion:	127	Resp:	46677
Ion	Ratio	Lower	Upper
127	100		
129	32.9	26.0	39.0
65	29.1	25.1	37.7
92	17.4	15.0	22.6

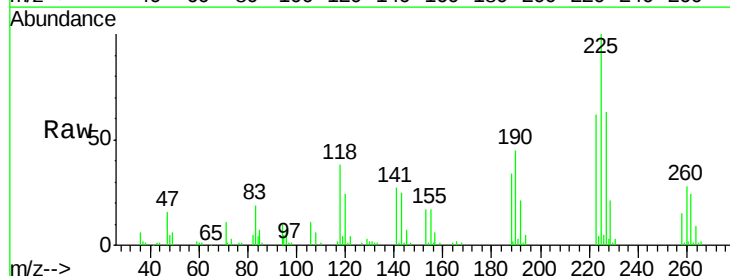


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

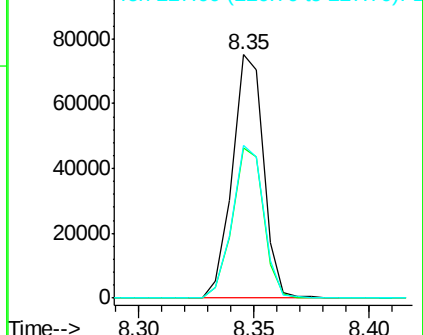
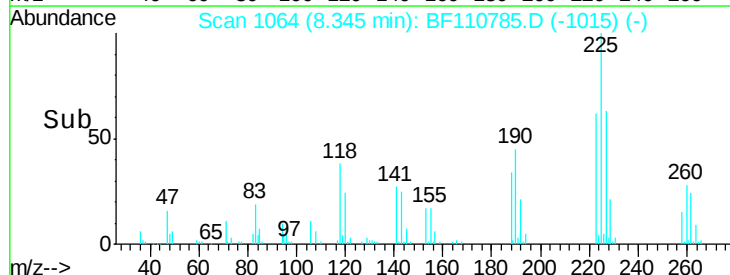


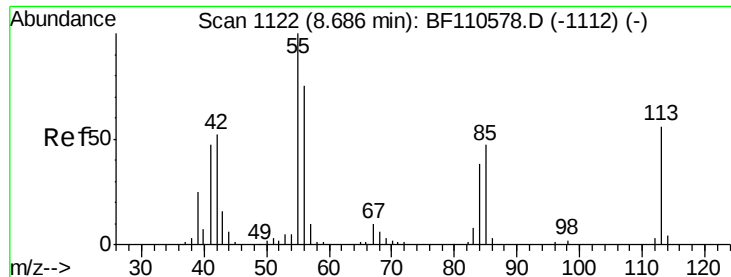
#34
Hexachlorobutadiene
Concen: 33.349 ng
RT: 8.35 min Scan# 1064
Delta R.T. -0.01 min
Lab File: BF110785.D
Acq: 15 Nov 2018 13:43

Tgt Ion:	225	Resp:	70857
Ion	Ratio	Lower	Upper
225	100		
223	61.6	51.4	77.2
227	62.7	51.0	76.6



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 36.357 ng

RT: 8.66 min Scan# 1118

Delta R.T. -0.02 min

Lab File: BF110785.D

Acq: 15 Nov 2018 13:43

Instrument :

BNA_F

ClientSampleId :

PB114818BS

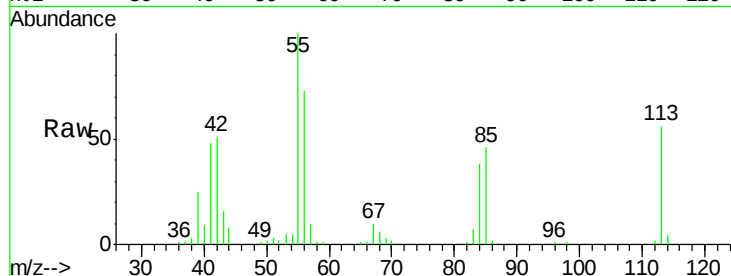
Tgt Ion:113 Resp: 40075

Ion Ratio Lower Upper

113 100

55 178.5 142.8 182.8

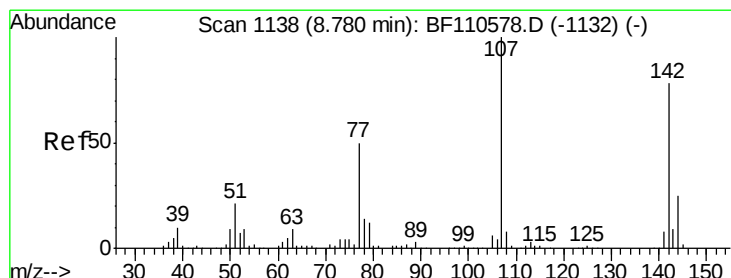
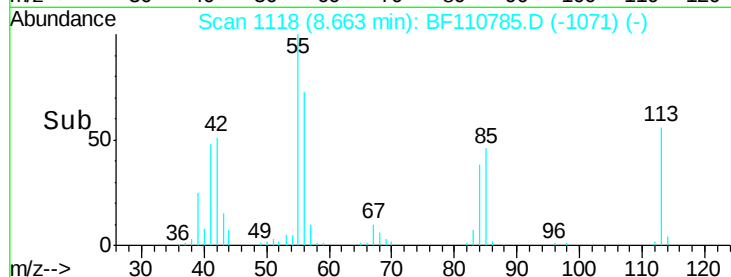
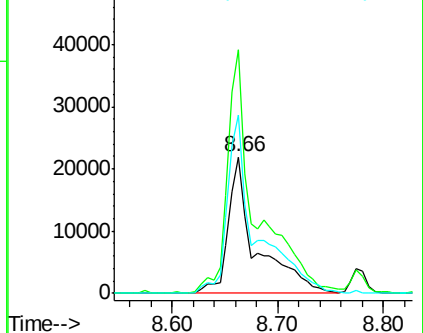
56 130.9 105.0 145.0



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: 37.273 ng

RT: 8.77 min Scan# 1137

Delta R.T. -0.01 min

Lab File: BF110785.D

Acq: 15 Nov 2018 13:43

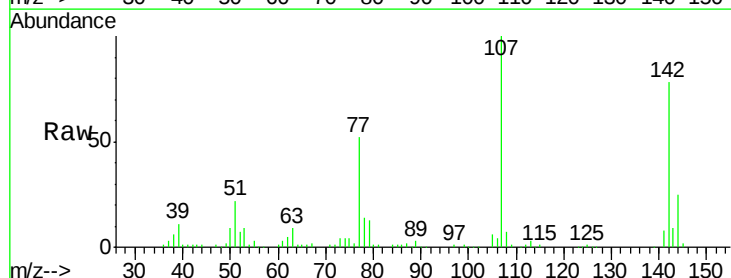
Tgt Ion:107 Resp: 132624

Ion Ratio Lower Upper

107 100

144 25.1 20.0 30.0

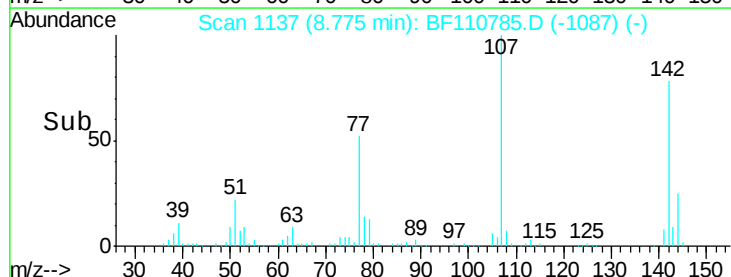
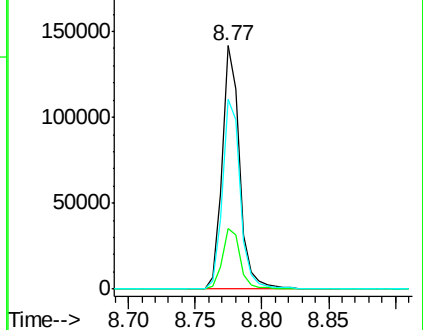
142 78.1 59.7 89.5

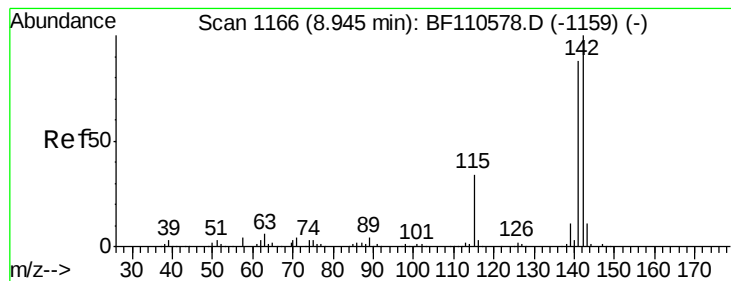


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 40.083 ng

RT: 8.93 min Scan# 1164

Delta R.T. -0.01 min

Lab File: BF110785.D

Acq: 15 Nov 2018 13:43

Instrument :

BNA_F

ClientSampleId :

PB114818BS

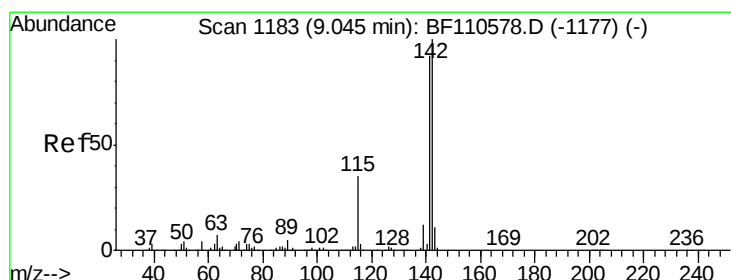
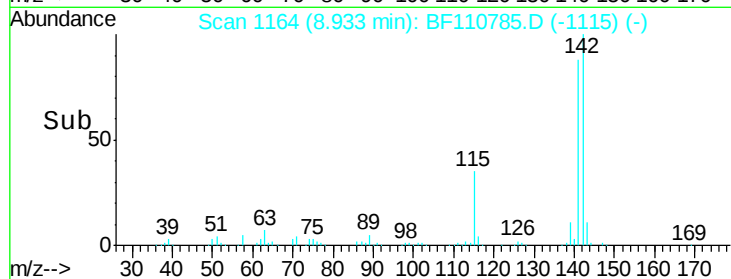
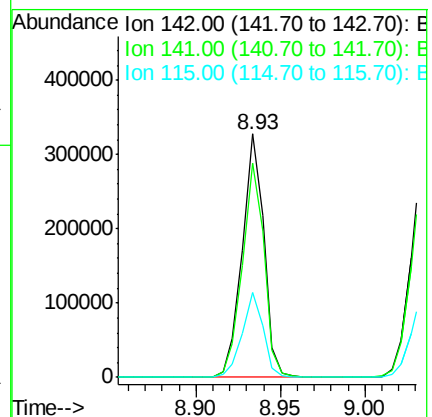
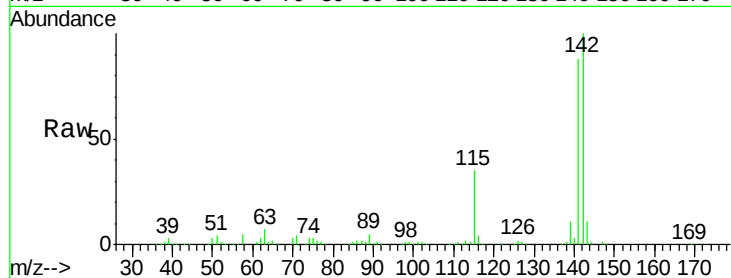
Tgt Ion:142 Resp: 292615

Ion Ratio Lower Upper

142 100

141 88.1 71.4 107.2

115 34.7 28.7 43.1



#38

1-Methylnaphthalene

Concen: 38.841 ng

RT: 9.03 min Scan# 1181

Delta R.T. -0.01 min

Lab File: BF110785.D

Acq: 15 Nov 2018 13:43

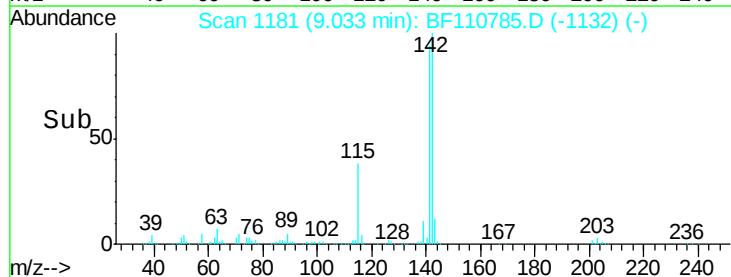
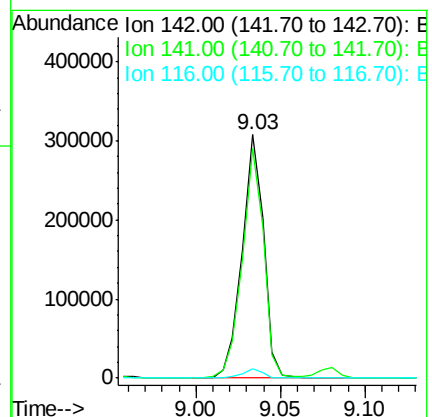
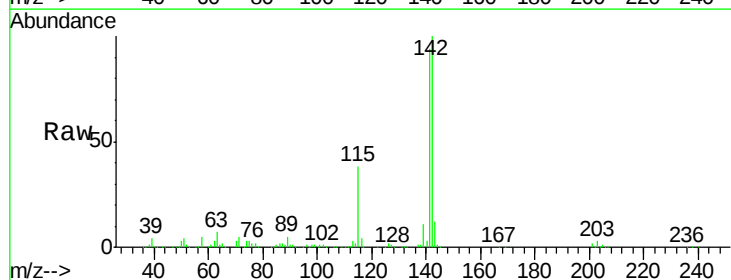
Tgt Ion:142 Resp: 272686

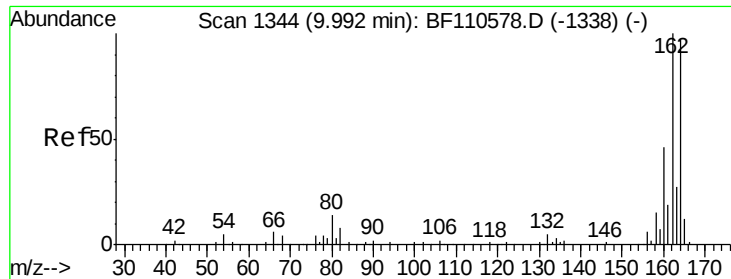
Ion Ratio Lower Upper

142 100

141 94.3 74.2 111.4

116 3.9 2.6 4.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.98 min Scan# 1342

Delta R.T. -0.01 min

Lab File: BF110785.D

Acq: 15 Nov 2018 13:43

Instrument :

BNA_F

ClientSampleId :

PB114818BS

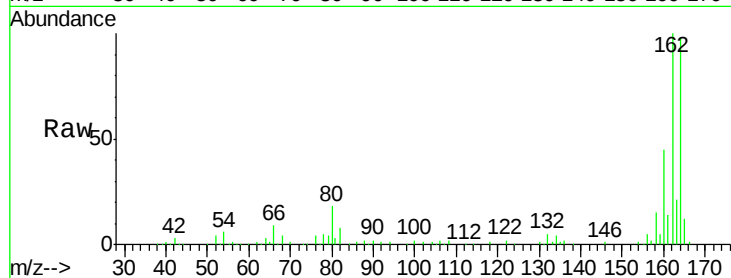
Tgt Ion:164 Resp: 113799

Ion Ratio Lower Upper

164 100

162 102.1 83.0 124.6

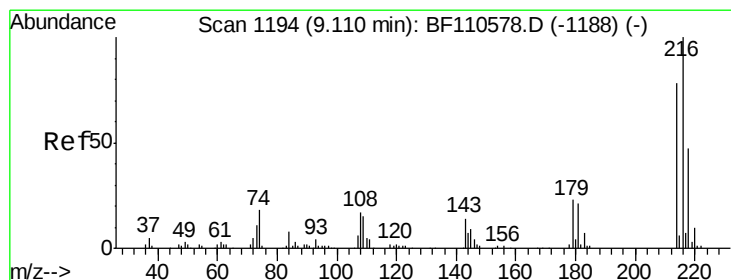
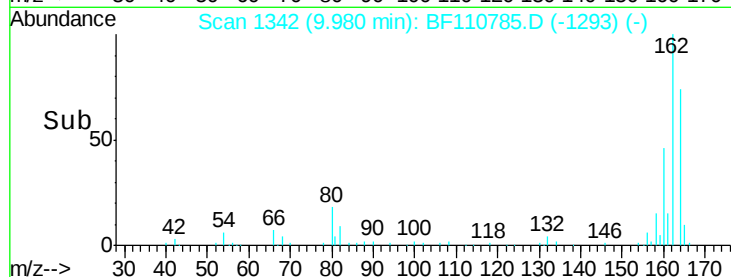
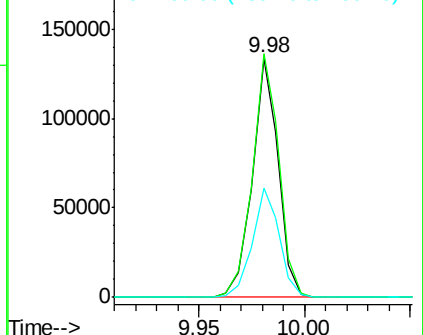
160 45.8 37.0 55.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 34.247 ng

RT: 9.10 min Scan# 1192

Delta R.T. -0.01 min

Lab File: BF110785.D

Acq: 15 Nov 2018 13:43

Tgt Ion:216 Resp: 123363

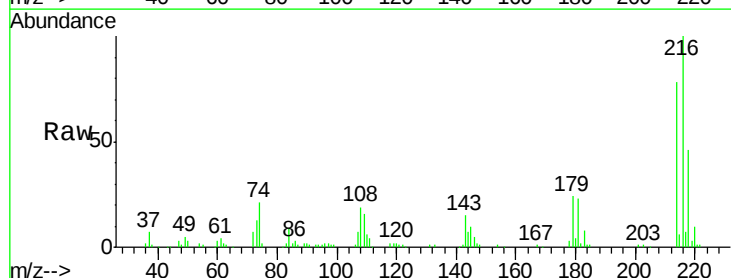
Ion Ratio Lower Upper

216 100

214 79.3 63.8 95.6

179 22.7 16.6 25.0

108 20.0 15.1 22.7

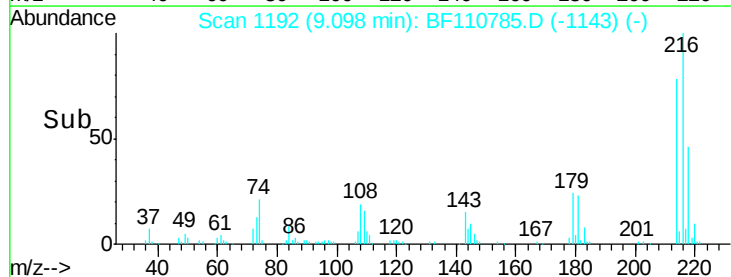
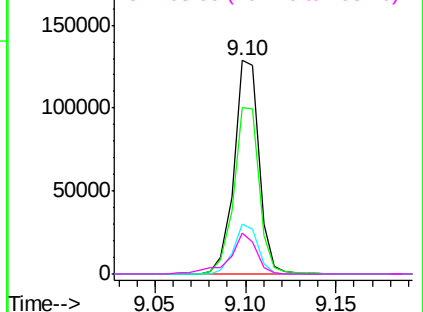


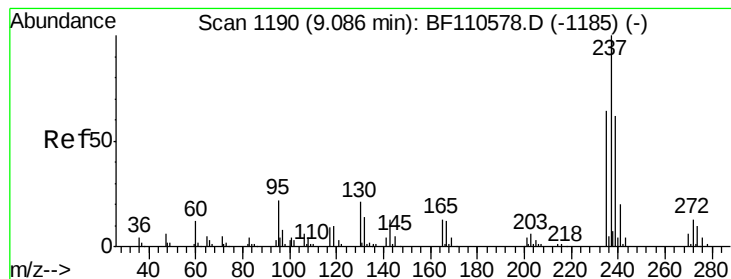
Abundance Ion 216.00 (215.70 to 216.70): E

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: 55.462 ng

RT: 9.08 min Scan# 1189

Delta R.T. -0.01 min

Lab File: BF110785.D

Acq: 15 Nov 2018 13:43

Instrument :

BNA_F

ClientSampleId :

PB114818BS

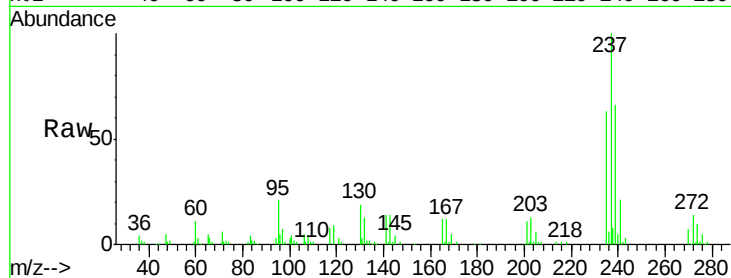
Tgt Ion: 237 Resp: 74251

Ion Ratio Lower Upper

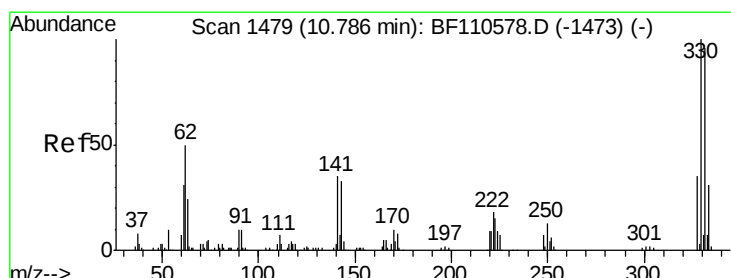
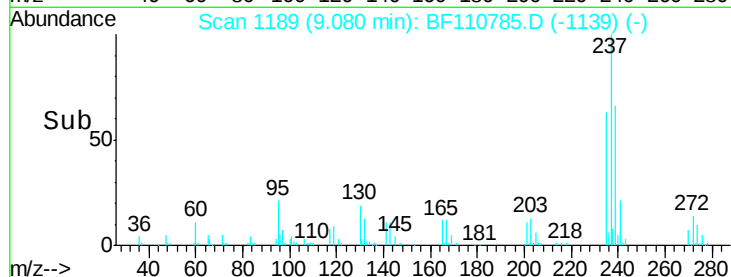
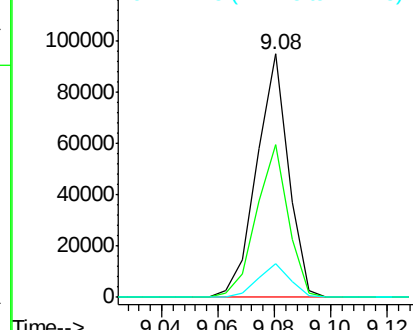
237 100

235 62.8 43.1 83.1

272 13.7 0.0 32.6



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



#42

2,4,6-Tribromophenol

Concen: 101.238 ng

RT: 10.78 min Scan# 1478

Delta R.T. -0.01 min

Lab File: BF110785.D

Acq: 15 Nov 2018 13:43

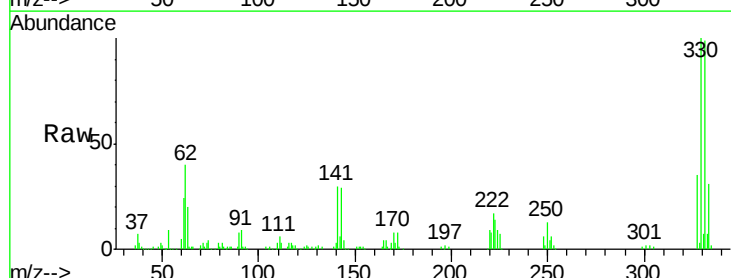
Tgt Ion: 330 Resp: 116086

Ion Ratio Lower Upper

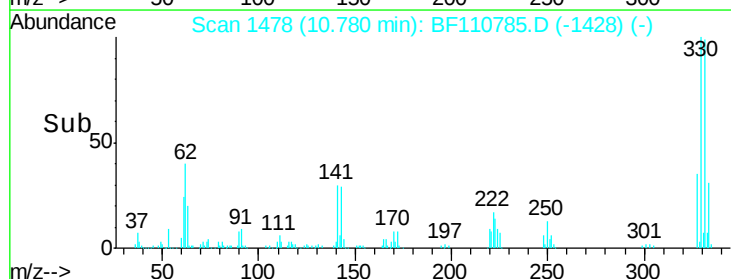
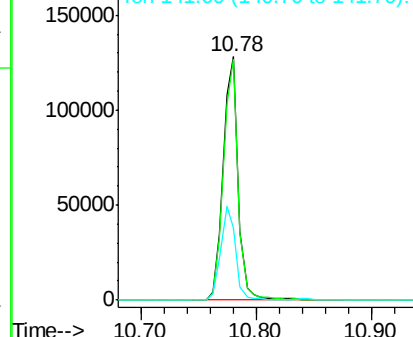
330 100

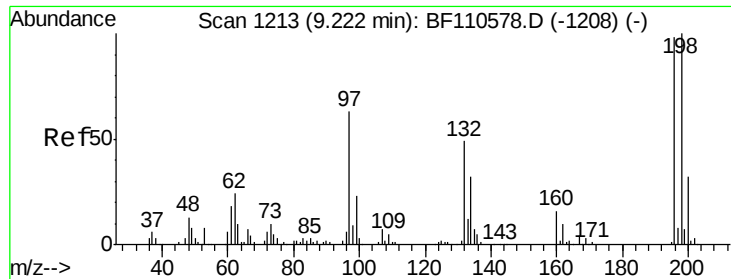
332 96.8 77.1 115.7

141 38.1 27.0 40.4



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

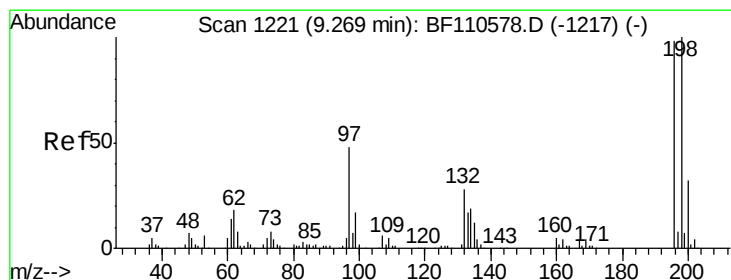
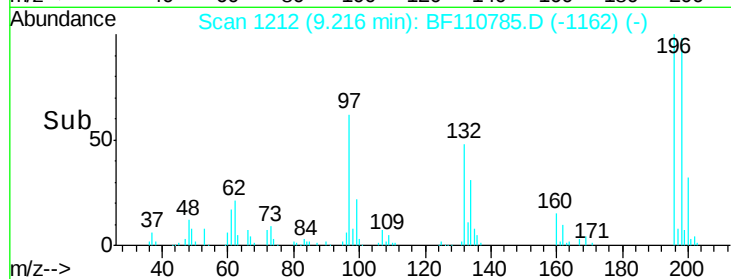
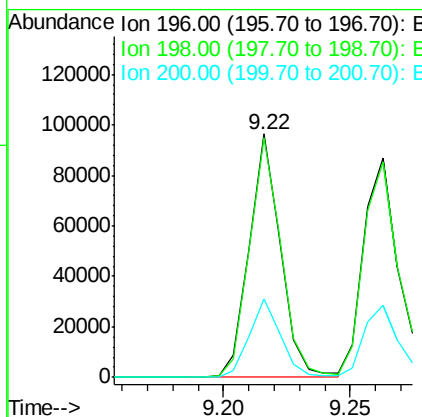
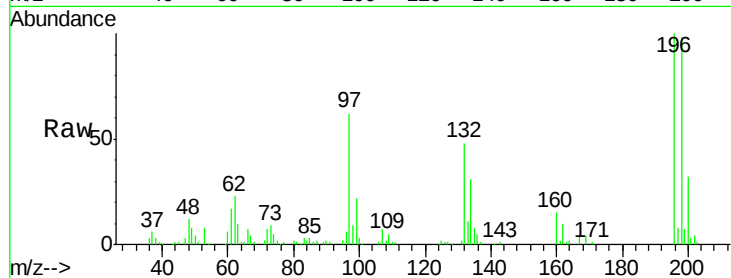




#43
 2,4,6-Trichlorophenol
 Concen: 36.895 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BF110785.D
 Acq: 15 Nov 2018 13:43

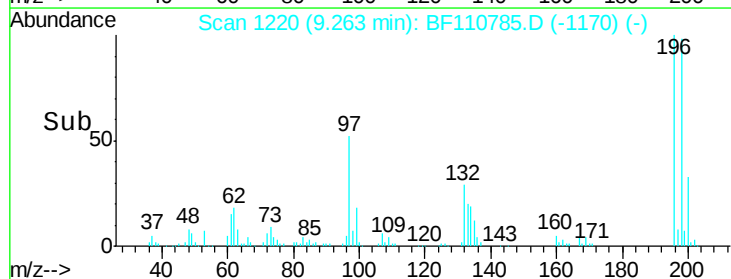
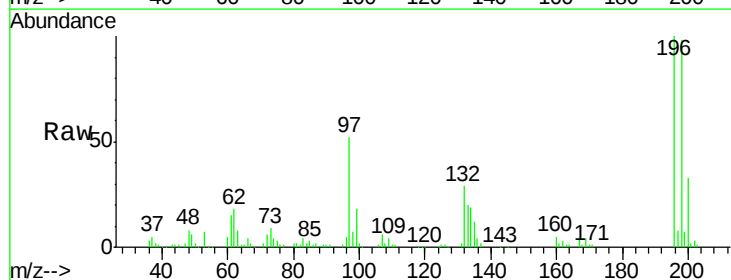
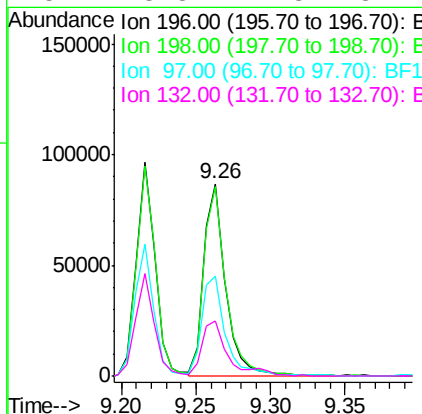
Instrument :
 BNA_F
 ClientSampleId :
 PB114818BS

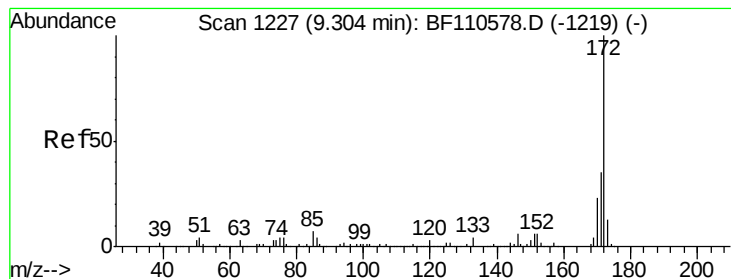
Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.4	76.2	114.4
200	32.3	24.4	36.6



#44
 2,4,5-Trichlorophenol
 Concen: 36.555 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. -0.01 min
 Lab File: BF110785.D
 Acq: 15 Nov 2018 13:43

Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.5	75.8	113.6
97	51.9	42.4	63.6
132	28.8	22.8	34.2





#45

2-Fluorobiphenyl

Concen: 67.625 ng

RT: 9.29 min Scan# 1225

Delta R.T. -0.01 min

Lab File: BF110785.D

Acq: 15 Nov 2018 13:43

Instrument :

BNA_F

ClientSampleId :

PB114818BS

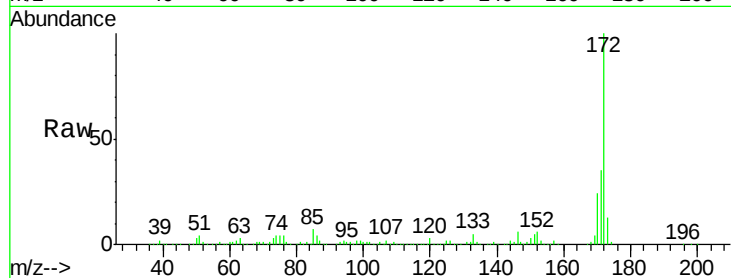
Tgt Ion:172 Resp: 538844

Ion Ratio Lower Upper

172 100

171 35.3 28.6 43.0

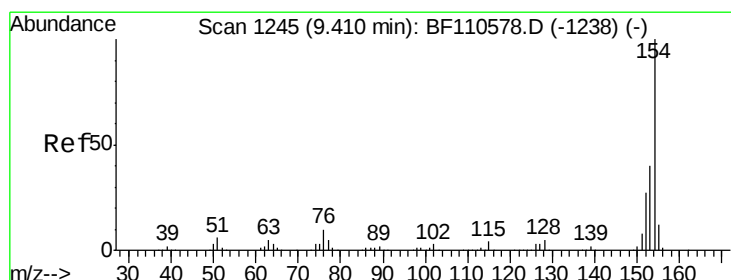
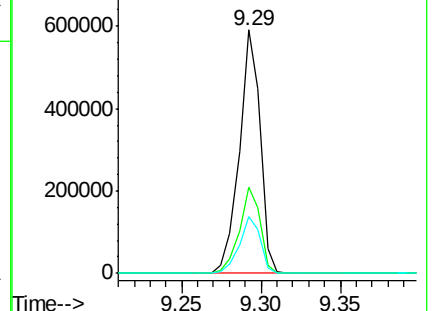
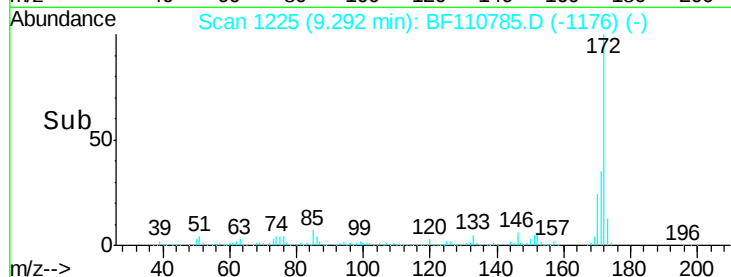
170 23.5 19.7 29.5



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: 33.818 ng

RT: 9.40 min Scan# 1243

Delta R.T. -0.01 min

Lab File: BF110785.D

Acq: 15 Nov 2018 13:43

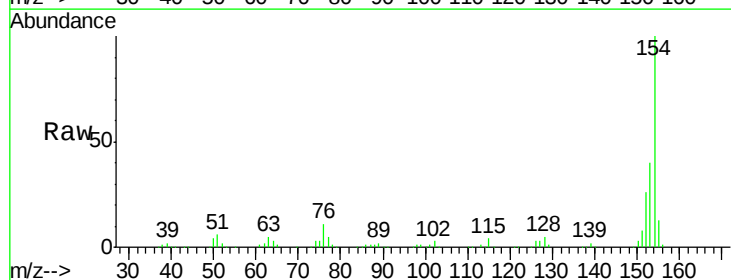
Tgt Ion:154 Resp: 359011

Ion Ratio Lower Upper

154 100

153 40.3 20.4 60.4

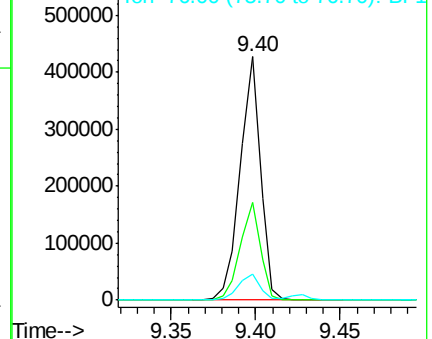
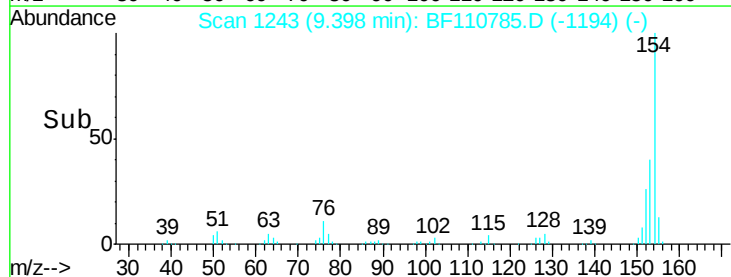
76 10.9 0.0 31.9

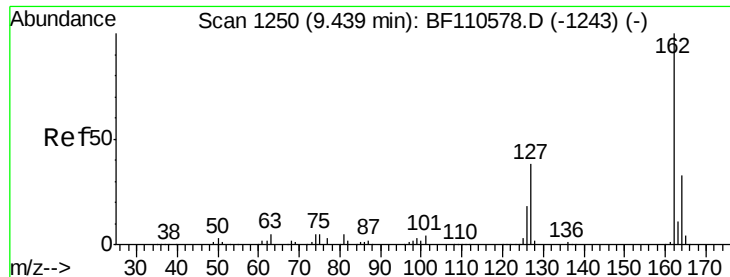


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

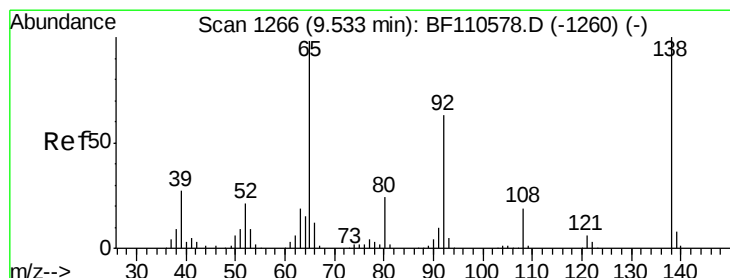
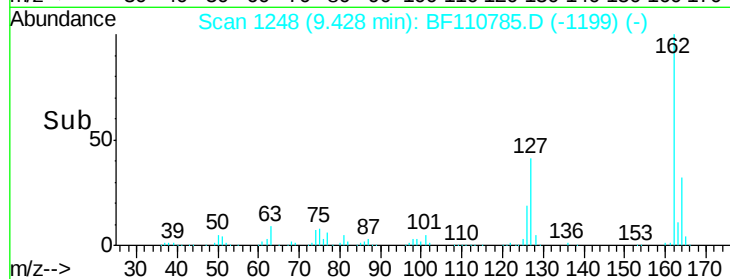
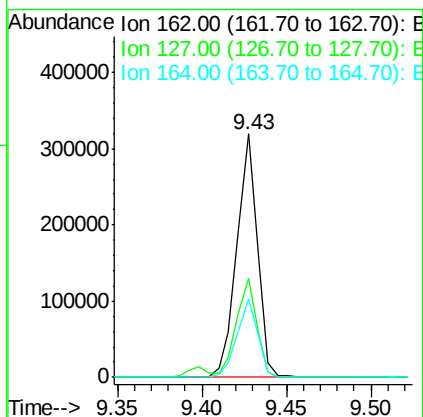
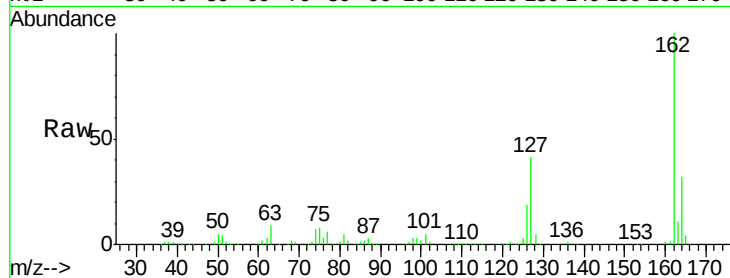




#47
 2-Chloronaphthalene
 Concen: 35.345 ng
 RT: 9.43 min Scan# 1248
 Delta R.T. -0.01 min
 Lab File: BF110785.D
 Acq: 15 Nov 2018 13:43

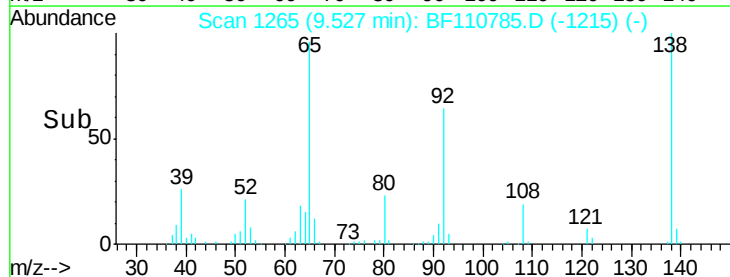
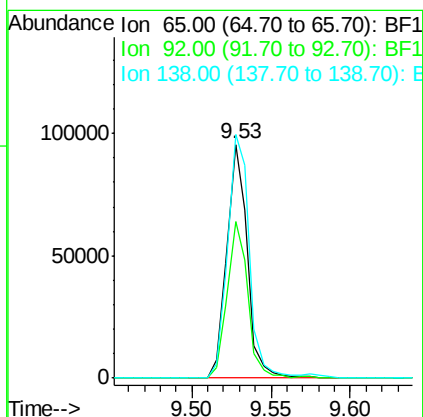
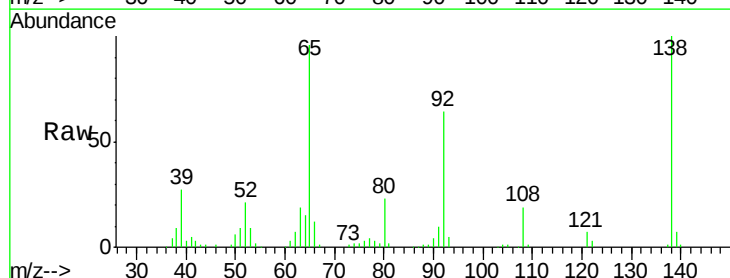
Instrument :
 BNA_F
 ClientSampleId :
 PB114818BS

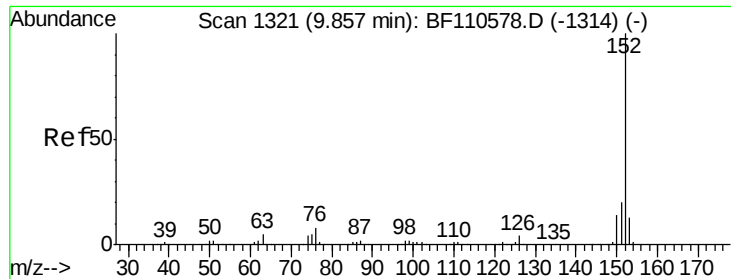
Tgt Ion: 162 Resp: 270316
 Ion Ratio Lower Upper
 162 100
 127 40.7 32.6 48.8
 164 32.4 25.9 38.9



#48
 2-Nitroaniline
 Concen: 36.385 ng
 RT: 9.53 min Scan# 1265
 Delta R.T. -0.01 min
 Lab File: BF110785.D
 Acq: 15 Nov 2018 13:43

Tgt Ion: 65 Resp: 85752
 Ion Ratio Lower Upper
 65 100
 92 66.9 54.6 81.8
 138 104.2 80.3 120.5





#49

Acenaphthylene

Concen: 39.237 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BF110785.D

Acq: 15 Nov 2018 13:43

Instrument :

BNA_F

ClientSampleId :

PB114818BS

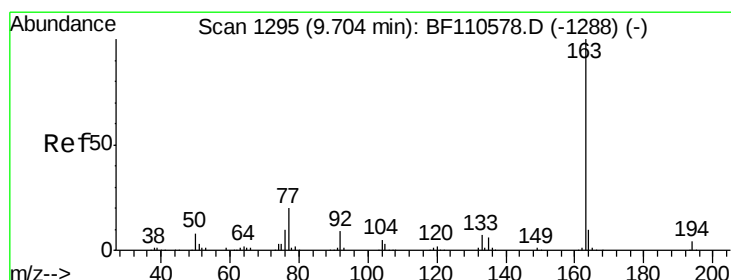
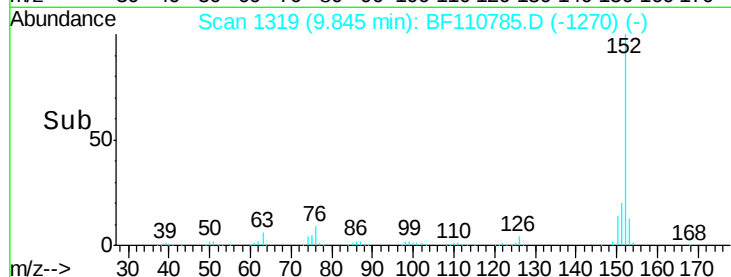
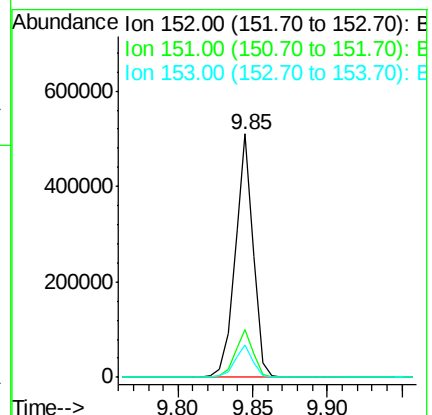
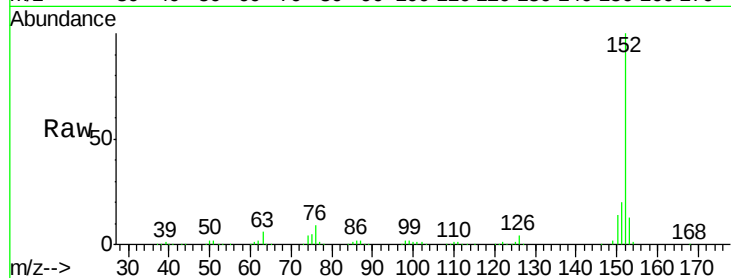
Tgt Ion:152 Resp: 432166

Ion Ratio Lower Upper

152 100

151 19.8 15.8 23.8

153 13.5 10.4 15.6



#50

Dimethylphthalate

Concen: 37.147 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BF110785.D

Acq: 15 Nov 2018 13:43

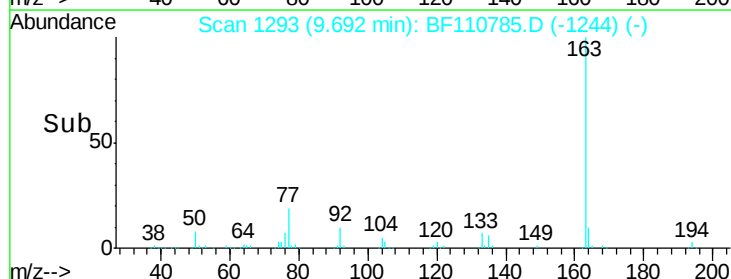
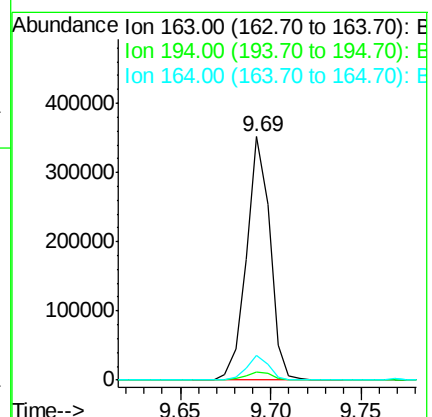
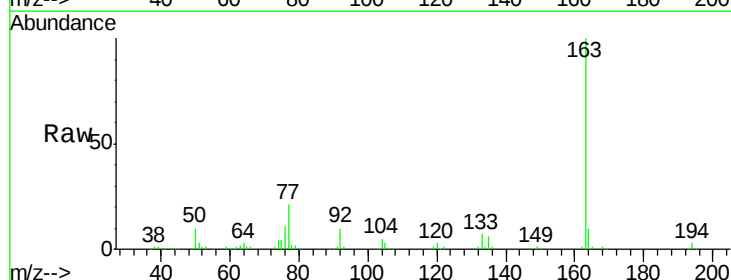
Tgt Ion:163 Resp: 315432

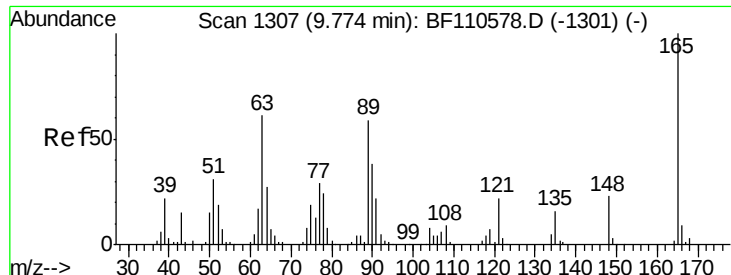
Ion Ratio Lower Upper

163 100

194 3.5 3.2 4.8

164 9.9 8.1 12.1

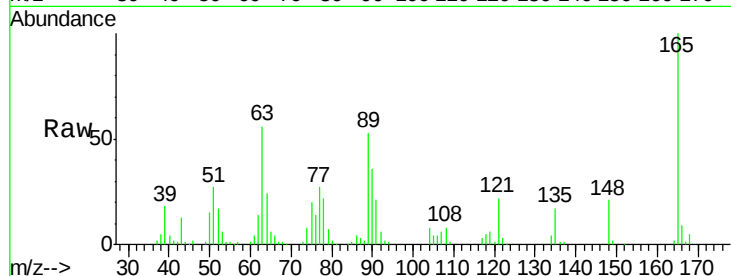




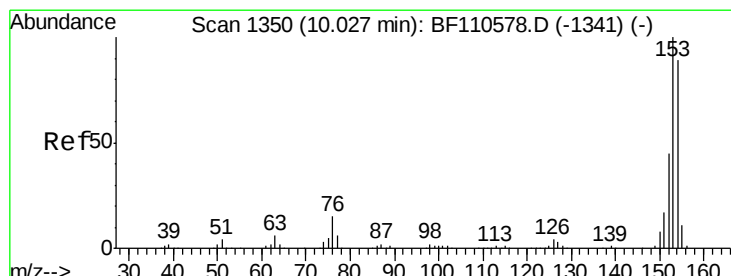
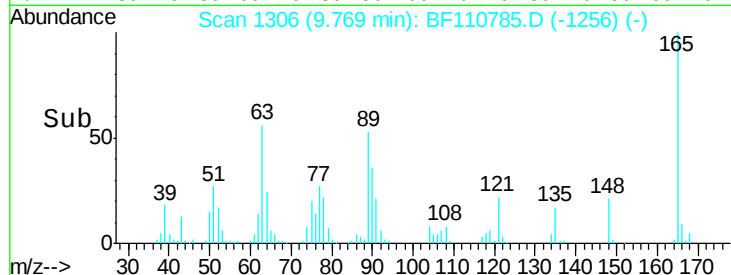
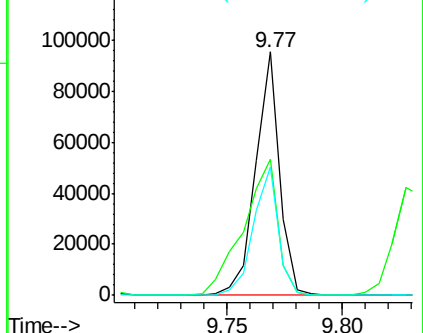
#51
2,6-Dinitrotoluene
Concen: 37.094 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BF110785.D
Acq: 15 Nov 2018 13:43

Instrument :
BNA_F
ClientSampleId :
PB114818BS

Tgt Ion:165 Resp: 69289
Ion Ratio Lower Upper
165 100
63 55.7 48.9 73.3
89 53.0 46.6 69.8

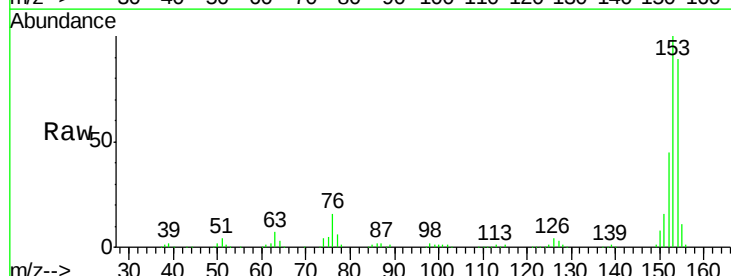


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

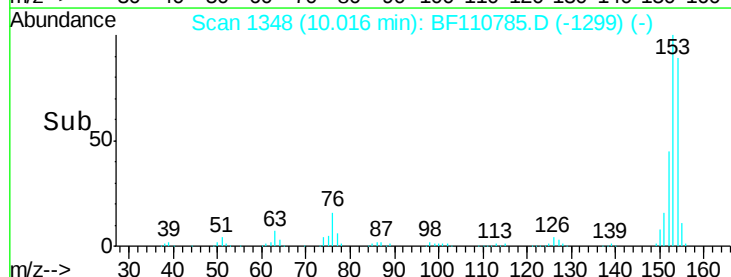
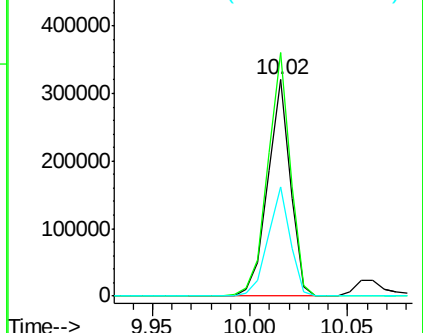


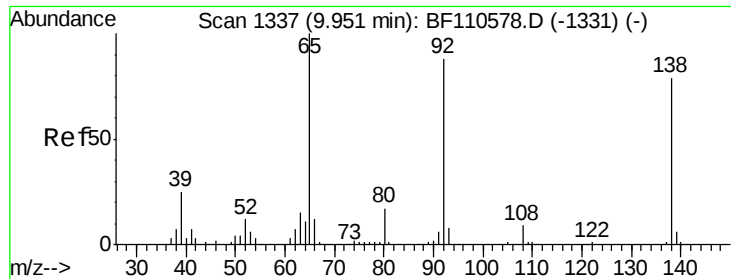
#52
Acenaphthene
Concen: 37.089 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF110785.D
Acq: 15 Nov 2018 13:43

Tgt Ion:154 Resp: 258161
Ion Ratio Lower Upper
154 100
153 112.6 90.1 135.1
152 50.3 43.4 65.2



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

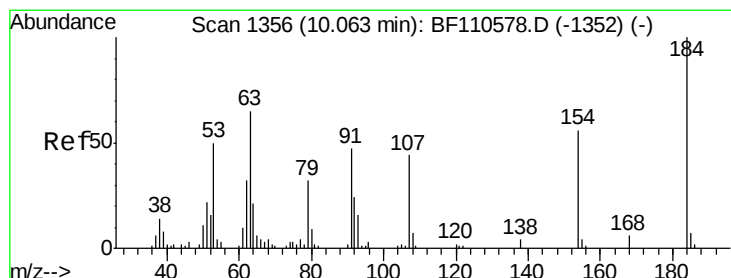
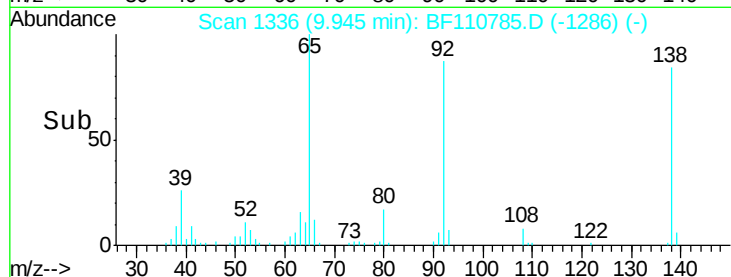
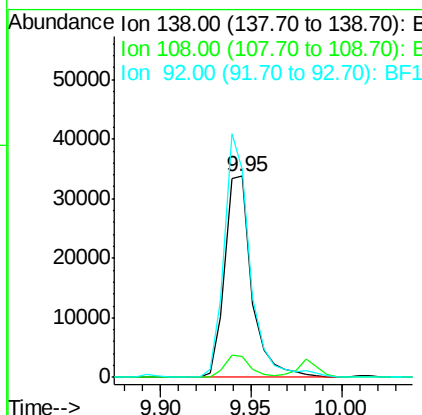
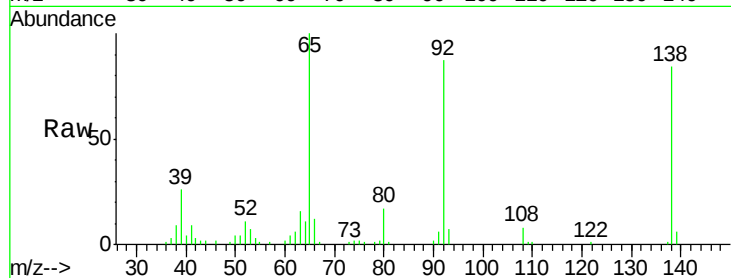




#53
3-Nitroaniline
Concen: 16.372 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF110785.D
Acq: 15 Nov 2018 13:43

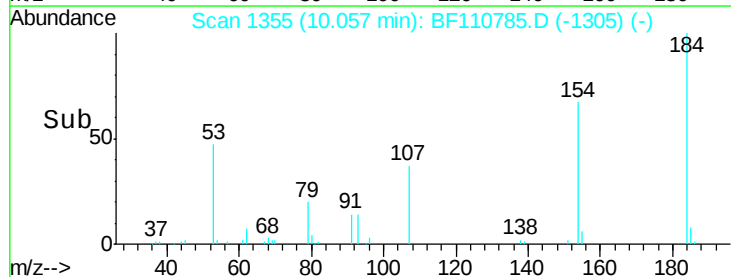
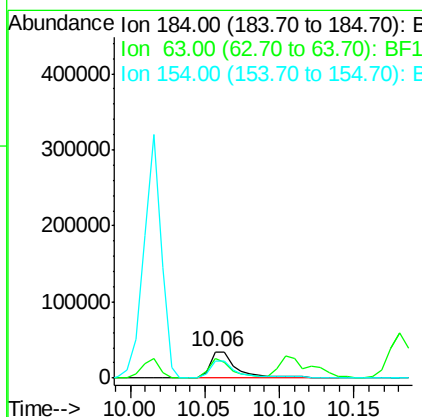
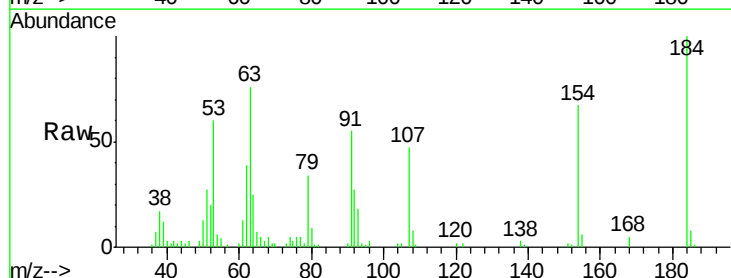
Instrument :
BNA_F
ClientSampleId :
PB114818BS

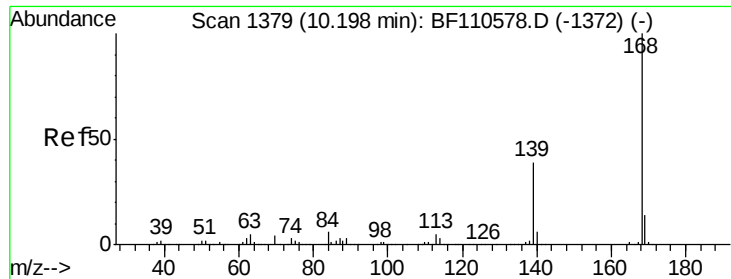
Tgt Ion:138 Resp: 35430
Ion Ratio Lower Upper
138 100
108 10.1 8.7 13.1
92 103.5 97.0 145.4



#54
2,4-Dinitrophenol
Concen: 59.443 ng
RT: 10.06 min Scan# 1355
Delta R.T. -0.01 min
Lab File: BF110785.D
Acq: 15 Nov 2018 13:43

Tgt Ion:184 Resp: 43277
Ion Ratio Lower Upper
184 100
63 76.4 55.8 83.6
154 66.6 63.2 94.8

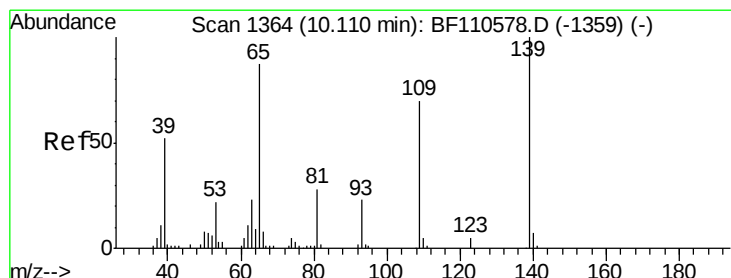
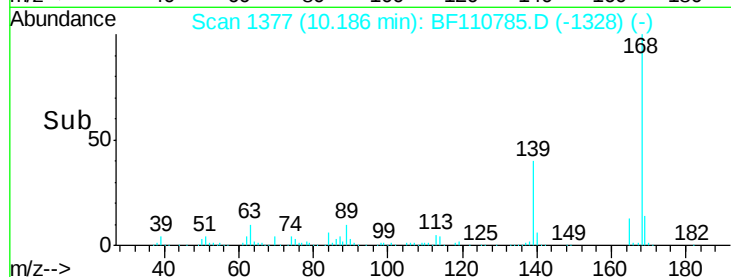
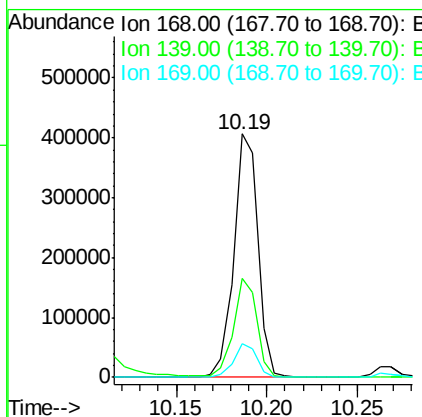
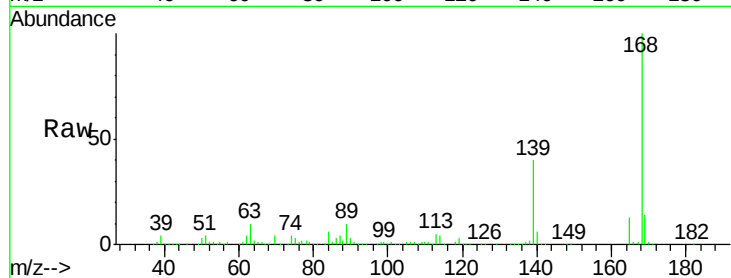




#55
Dibenzenofuran
Concen: 36.858 ng
RT: 10.19 min Scan# 1377
Delta R.T. -0.01 min
Lab File: BF110785.D
Acq: 15 Nov 2018 13:43

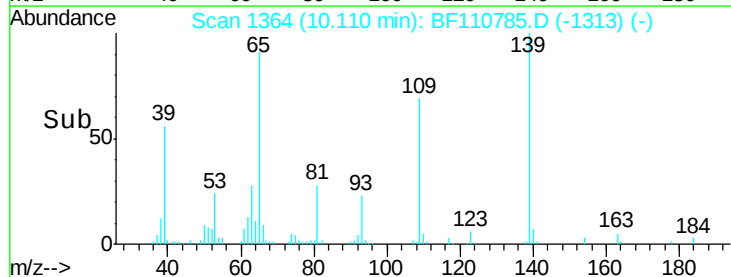
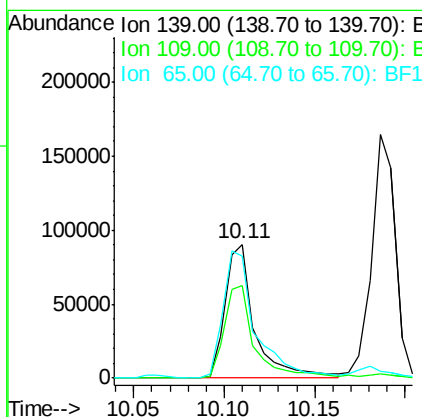
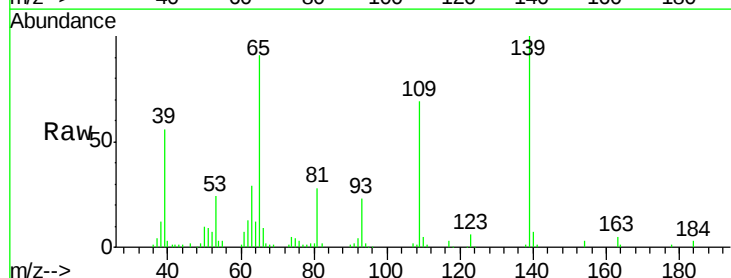
Instrument :
BNA_F
ClientSampleId :
PB114818BS

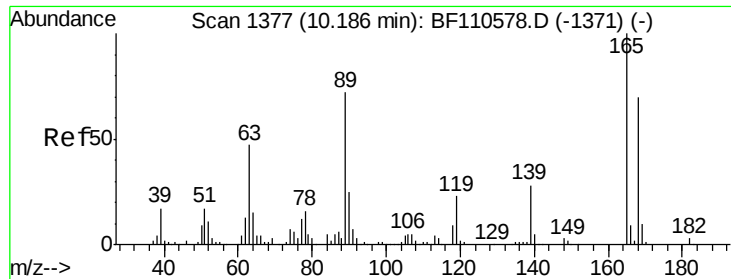
Tgt Ion:168 Resp: 375358
Ion Ratio Lower Upper
168 100
139 40.5 33.0 49.6
169 13.6 11.3 16.9



#56
4-Nitrophenol
Concen: 71.970 ng
RT: 10.11 min Scan# 1364
Delta R.T. 0.00 min
Lab File: BF110785.D
Acq: 15 Nov 2018 13:43

Tgt Ion:139 Resp: 103329
Ion Ratio Lower Upper
139 100
109 69.0 55.8 95.8
65 91.0 77.9 117.9

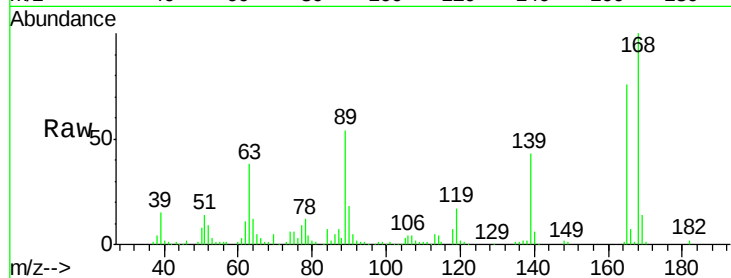




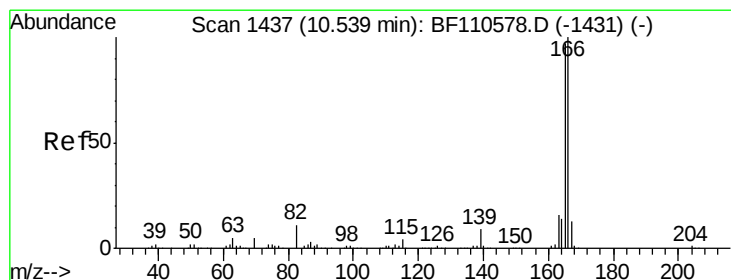
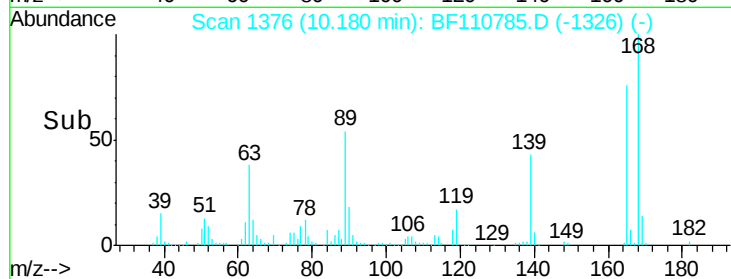
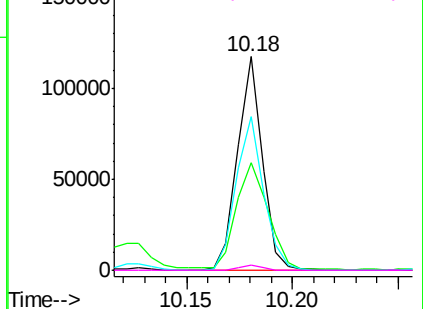
#57
2,4-Dinitrotoluene
Concen: 39.169 ng
RT: 10.18 min Scan# 1376
Delta R.T. -0.01 min
Lab File: BF110785.D
Acq: 15 Nov 2018 13:43

Instrument :
BNA_F
ClientSampleId :
PB114818BS

Tgt Ion:165 Resp: 95130
Ion Ratio Lower Upper
165 100
63 50.1 44.8 67.2
89 71.9 62.2 93.4
182 2.2 2.1 3.1

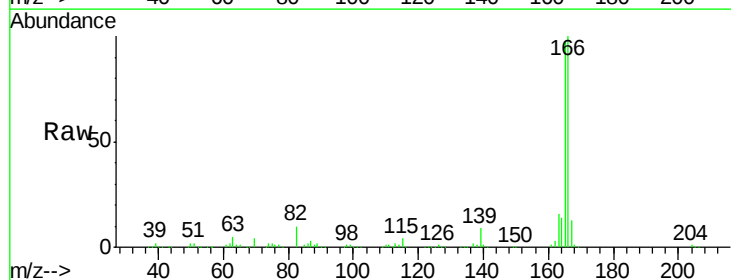


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

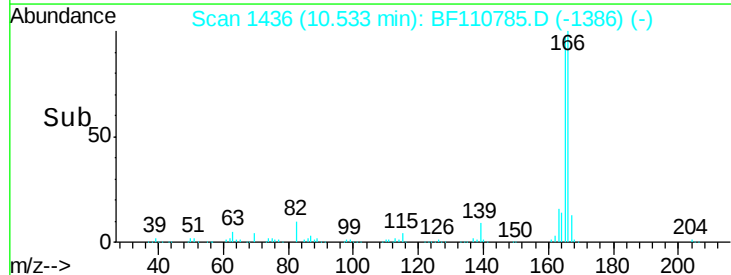
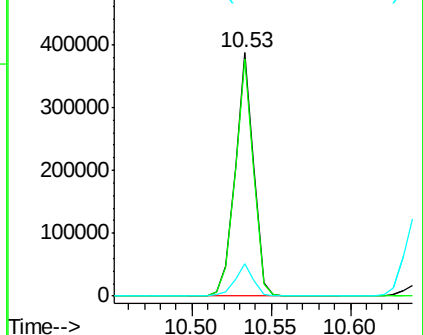


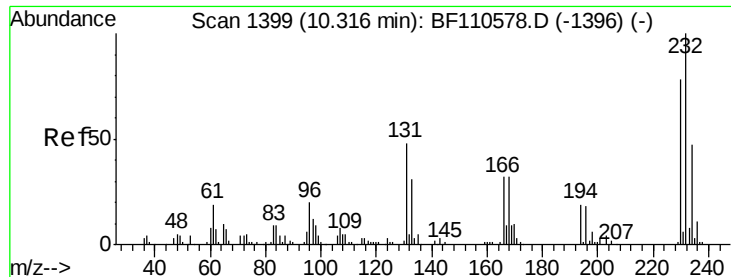
#58
Fluorene
Concen: 39.700 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BF110785.D
Acq: 15 Nov 2018 13:43

Tgt Ion:166 Resp: 310542
Ion Ratio Lower Upper
166 100
165 97.3 78.6 117.8
167 13.2 10.8 16.2



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

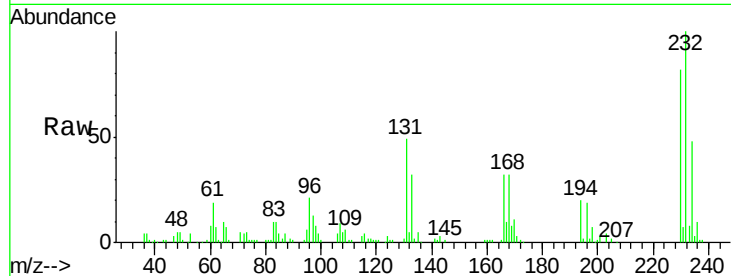




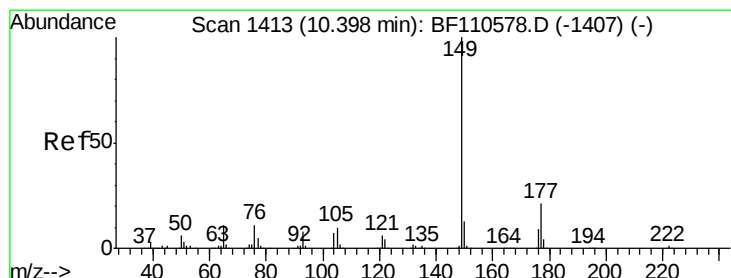
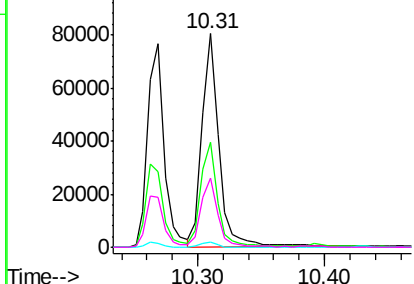
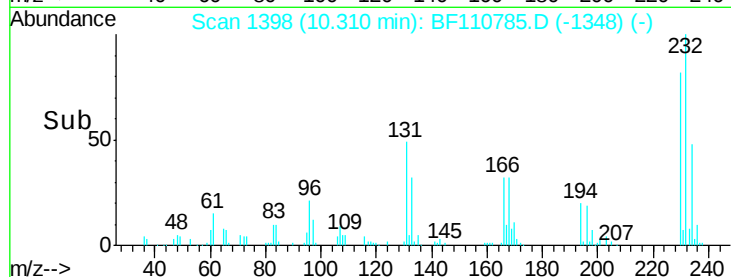
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 39.182 ng
 RT: 10.31 min Scan# 1398
 Delta R.T. -0.01 min
 Lab File: BF110785.D
 Acq: 15 Nov 2018 13:43

Instrument :
 BNA_F
 ClientSampleId :
 PB114818BS

Tgt Ion: 232 Resp: 74426
 Ion Ratio Lower Upper
 232 100
 131 48.5 37.0 55.4
 130 2.4 1.8 2.6
 166 32.4 22.0 33.0

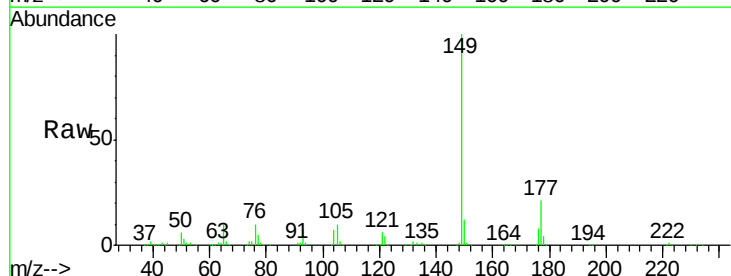


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

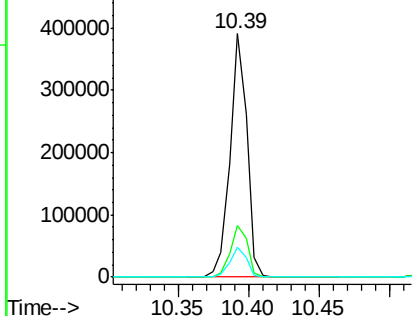
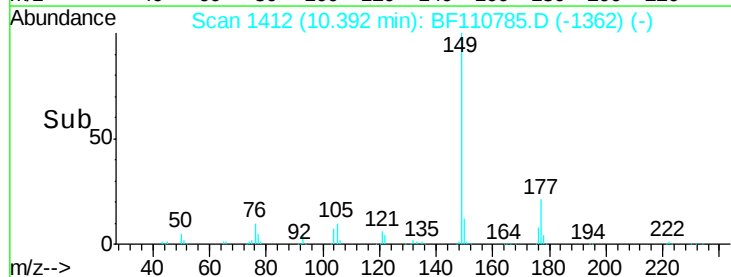


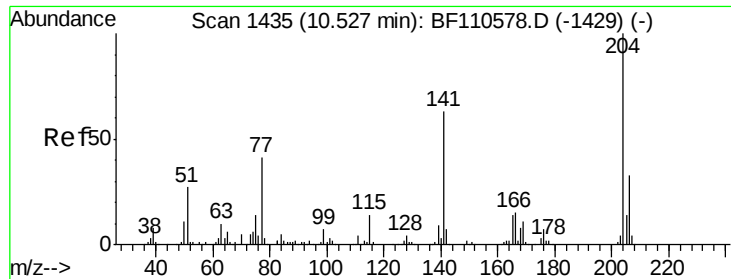
#60
 Diethylphthalate
 Concen: 38.687 ng
 RT: 10.39 min Scan# 1412
 Delta R.T. -0.01 min
 Lab File: BF110785.D
 Acq: 15 Nov 2018 13:43

Tgt Ion: 149 Resp: 325000
 Ion Ratio Lower Upper
 149 100
 177 21.0 17.4 26.2
 150 12.4 9.8 14.8



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

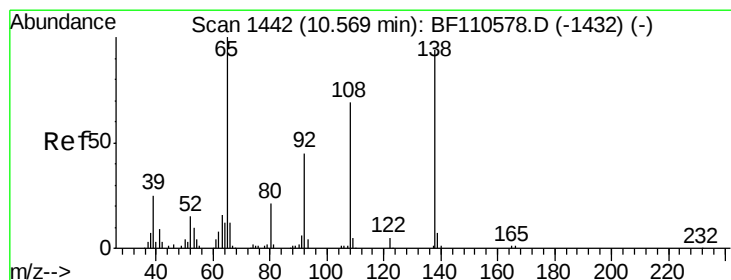
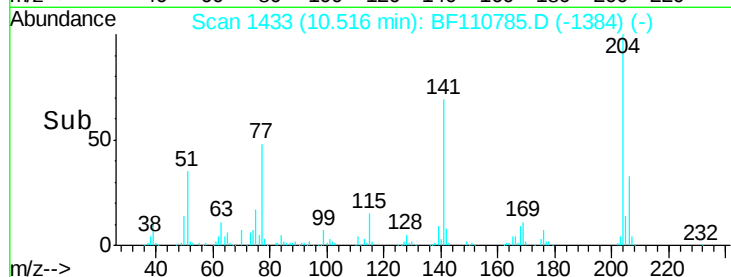
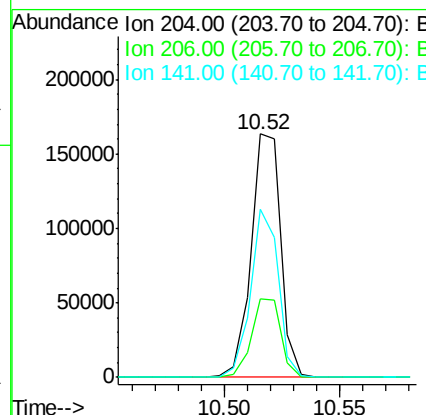
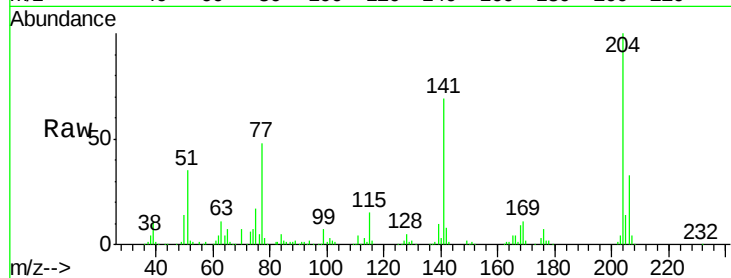




#61
 4-Chlorophenyl-phenylether
 Concen: 36.318 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.01 min
 Lab File: BF110785.D
 Acq: 15 Nov 2018 13:43

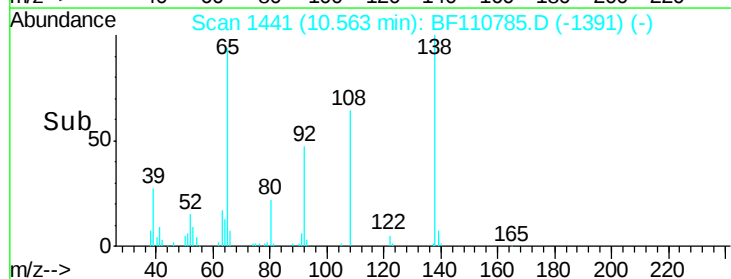
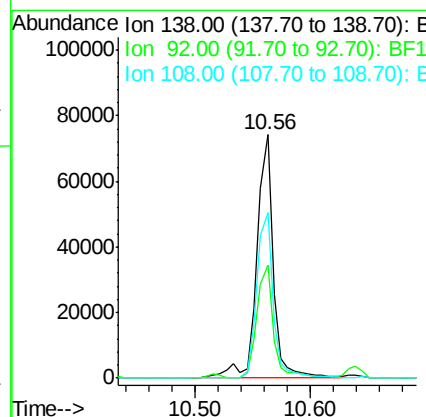
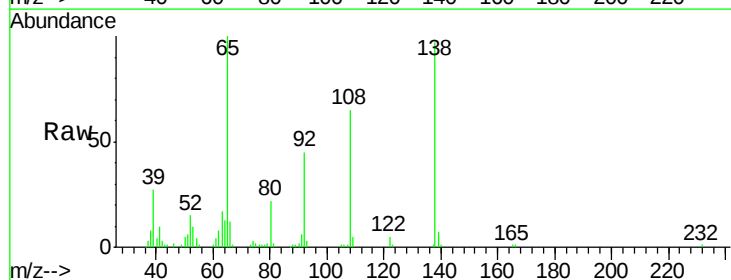
Instrument :
 BNA_F
 ClientSampleId :
 PB114818BS

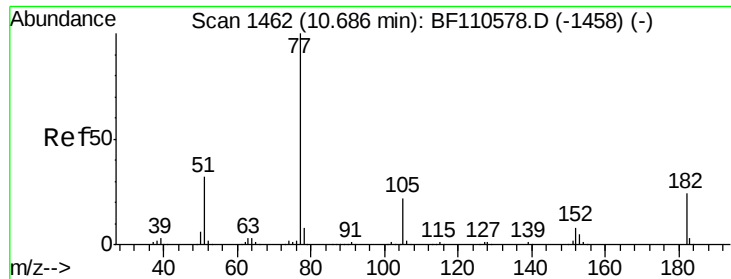
Tgt Ion: 204 Resp: 147091
 Ion Ratio Lower Upper
 204 100
 206 32.5 26.5 39.7
 141 69.1 51.8 77.8



#62
 4-Nitroaniline
 Concen: 34.046 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: BF110785.D
 Acq: 15 Nov 2018 13:43

Tgt Ion: 138 Resp: 74193
 Ion Ratio Lower Upper
 138 100
 92 46.6 31.7 71.7
 108 67.7 59.3 99.3

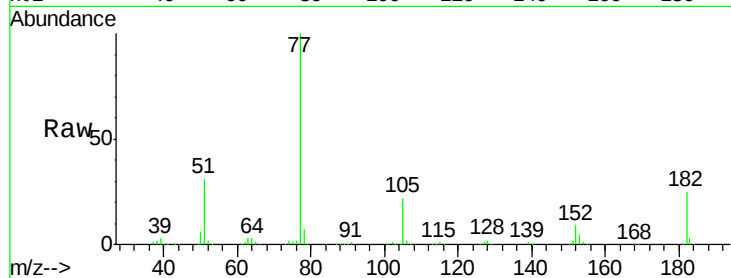




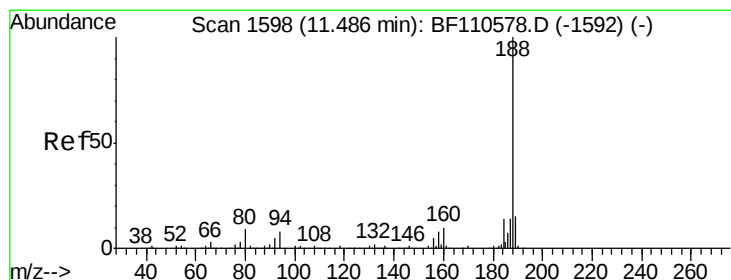
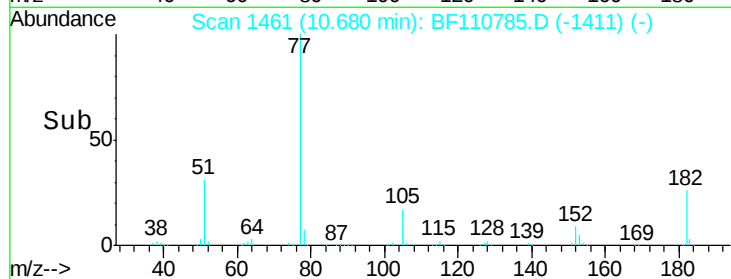
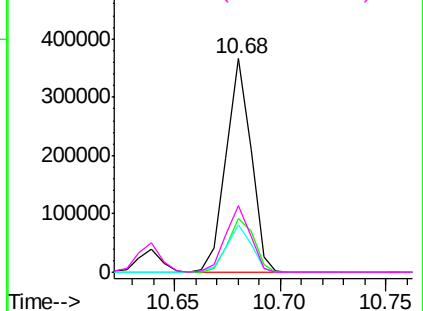
#63
Azobenzene
Concen: 36.677 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.01 min
Lab File: BF110785.D
Acq: 15 Nov 2018 13:43

Instrument :
BNA_F
ClientSampleId :
PB114818BS

Tgt Ion: 77 Resp: 300606
Ion Ratio Lower Upper
77 100
182 25.1 4.3 44.3
105 21.9 1.3 41.3
51 31.4 9.0 49.0

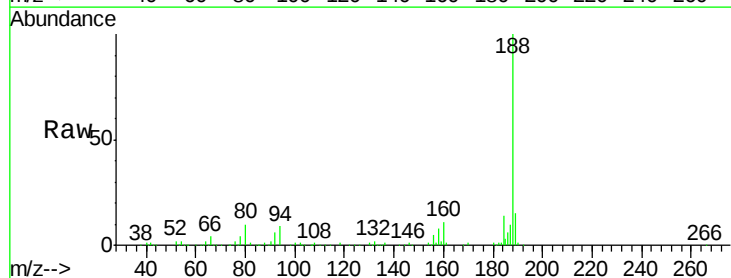


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

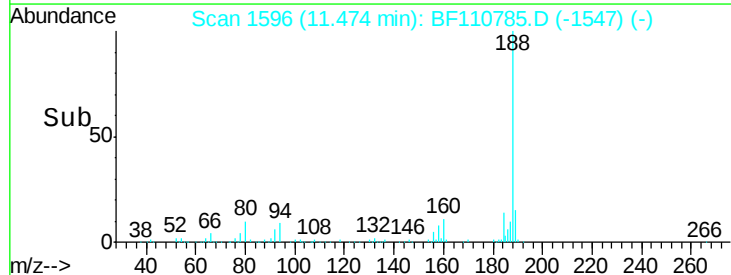
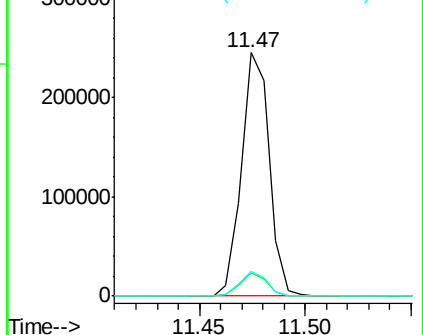


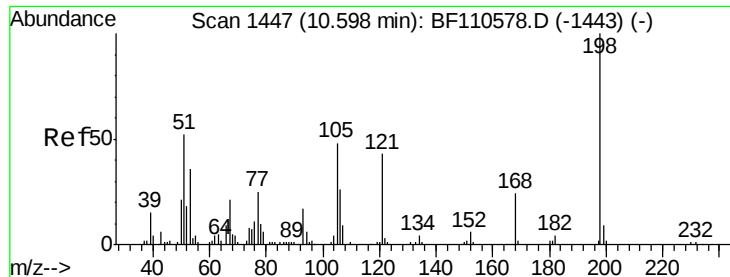
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.47 min Scan# 1596
Delta R.T. -0.01 min
Lab File: BF110785.D
Acq: 15 Nov 2018 13:43

Tgt Ion: 188 Resp: 222883
Ion Ratio Lower Upper
188 100
94 9.5 7.2 10.8
80 10.3 7.9 11.9



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





#65

4,6-Dinitro-2-methylphenol

Concen: 30.669 ng

RT: 10.59 min Scan# 1446

Delta R.T. -0.01 min

Lab File: BF110785.D

Acq: 15 Nov 2018 13:43

Instrument :

BNA_F

ClientSampleId :

PB114818BS

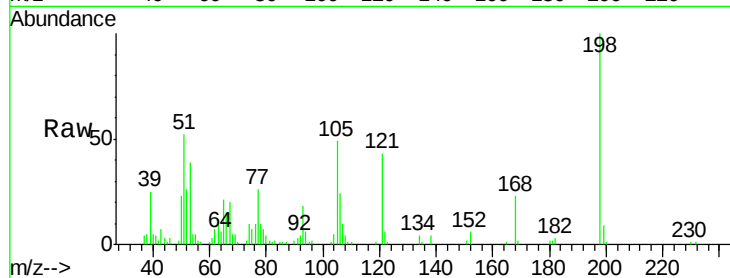
Tgt Ion:198 Resp: 34451

Ion Ratio Lower Upper

198 100

51 51.5 22.8 62.8

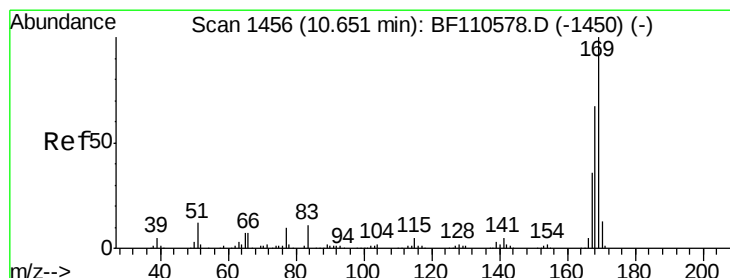
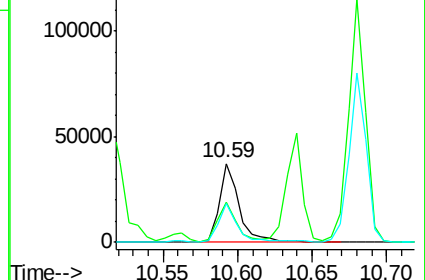
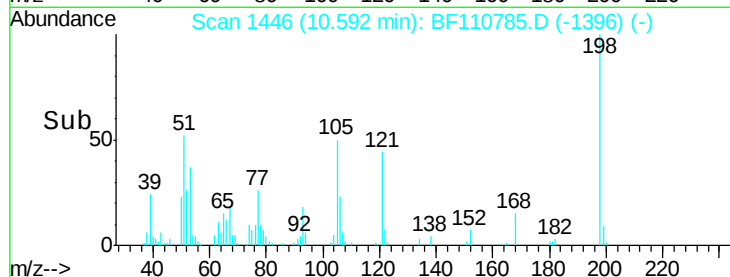
105 48.9 23.6 63.6



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 35.482 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BF110785.D

Acq: 15 Nov 2018 13:43

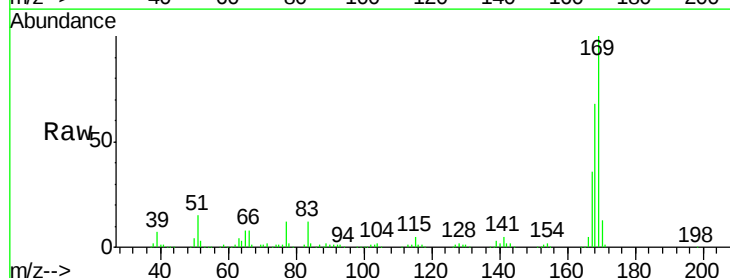
Tgt Ion:169 Resp: 266561

Ion Ratio Lower Upper

169 100

168 67.8 51.2 76.8

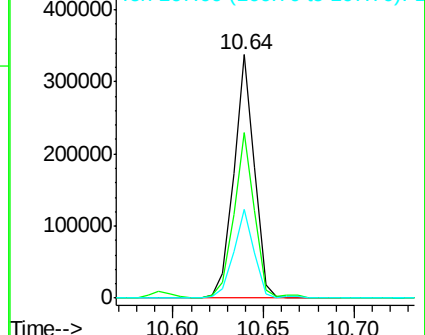
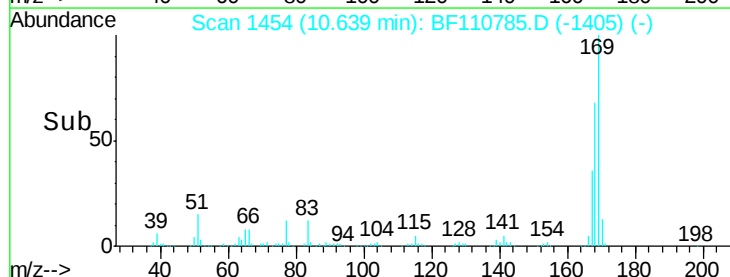
167 36.2 27.8 41.6

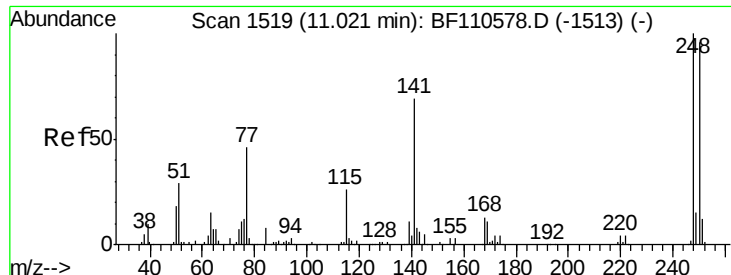


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

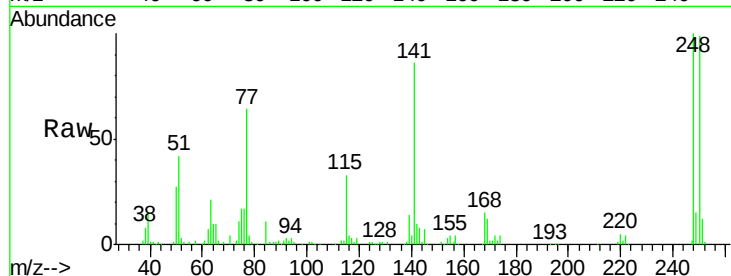




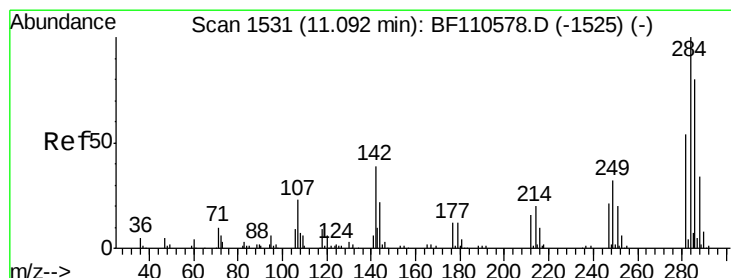
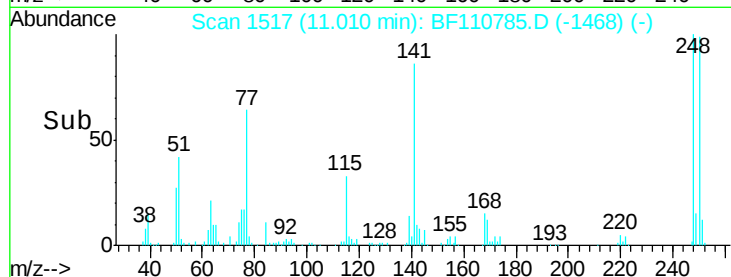
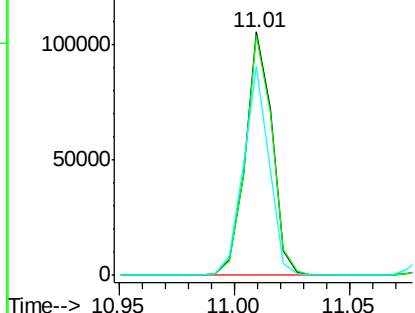
#67
 4-Bromophenyl-phenylether
 Concen: 34.550 ng
 RT: 11.01 min Scan# 1517
 Delta R.T. -0.01 min
 Lab File: BF110785.D
 Acq: 15 Nov 2018 13:43

Instrument :
 BNA_F
 ClientSampled :
 PB114818BS

Tgt Ion:248 Resp: 85108
 Ion Ratio Lower Upper
 248 100
 250 98.5 79.4 119.2
 141 86.1 55.9 83.9#

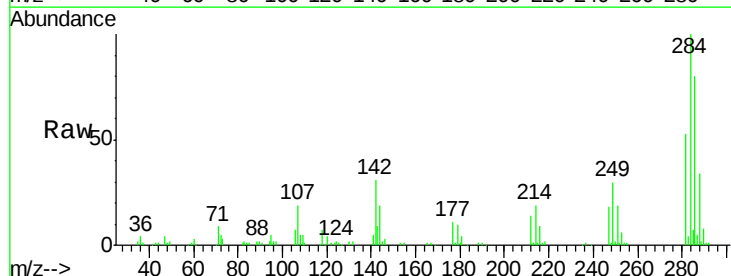


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

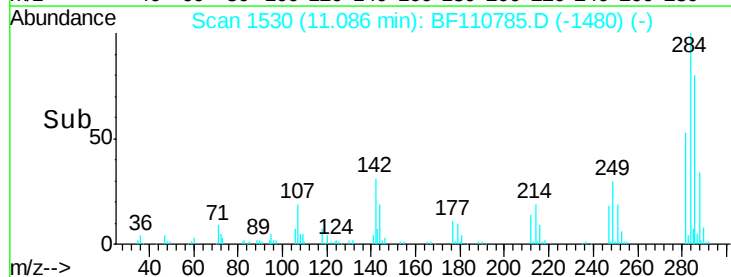
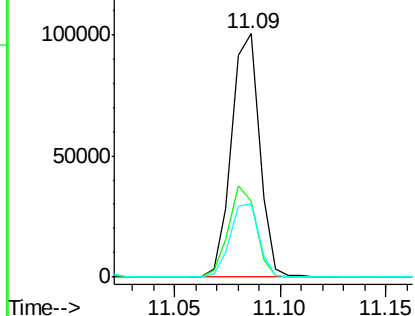


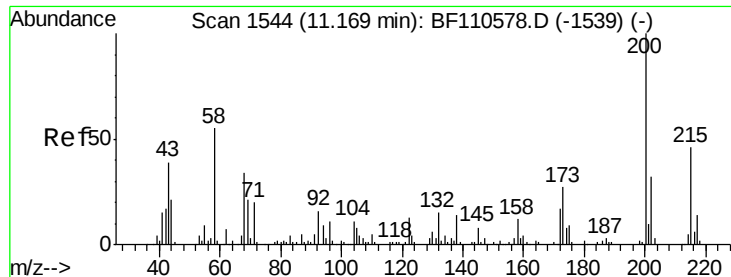
#68
 Hexachlorobenzene
 Concen: 35.461 ng
 RT: 11.09 min Scan# 1530
 Delta R.T. -0.01 min
 Lab File: BF110785.D
 Acq: 15 Nov 2018 13:43

Tgt Ion:284 Resp: 92094
 Ion Ratio Lower Upper
 284 100
 142 31.1 23.9 35.9
 249 30.2 24.2 36.2



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

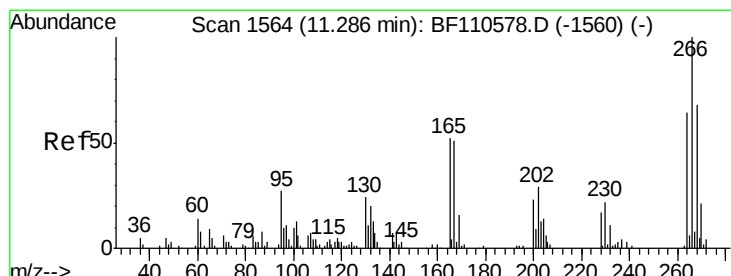
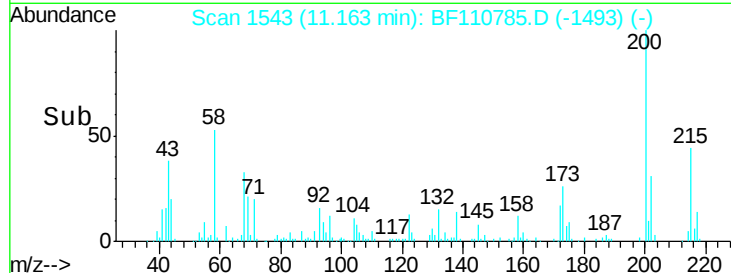
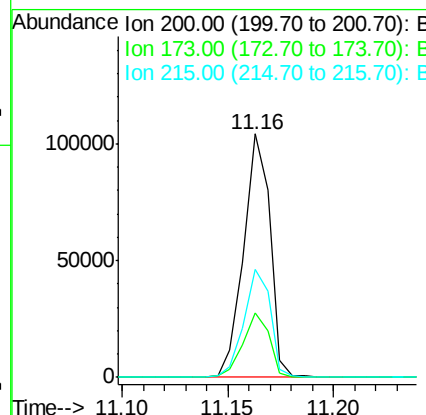
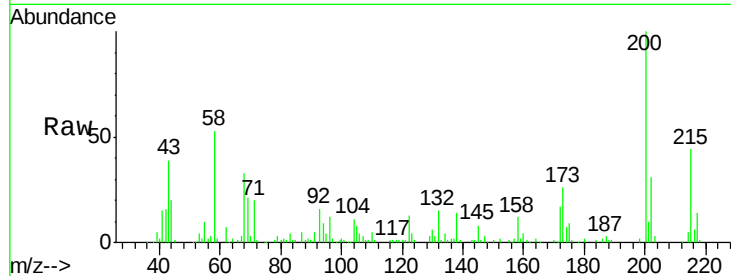




#69
 Atrazine
 Concen: 39.243 ng
 RT: 11.16 min Scan# 1543
 Delta R.T. -0.01 min
 Lab File: BF110785.D
 Acq: 15 Nov 2018 13:43

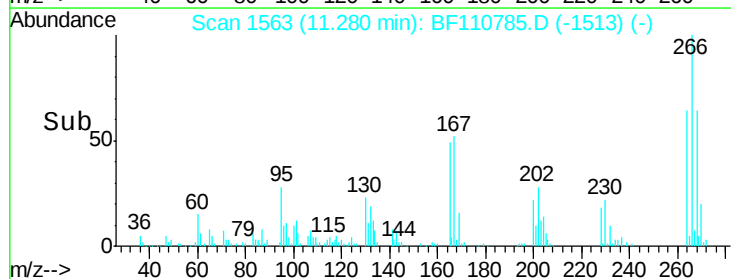
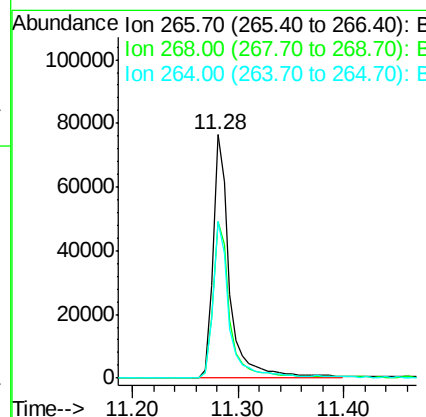
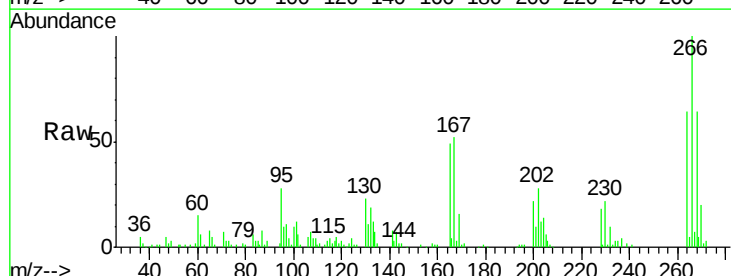
Instrument :
 BNA_F
 ClientSampleId :
 PB114818BS

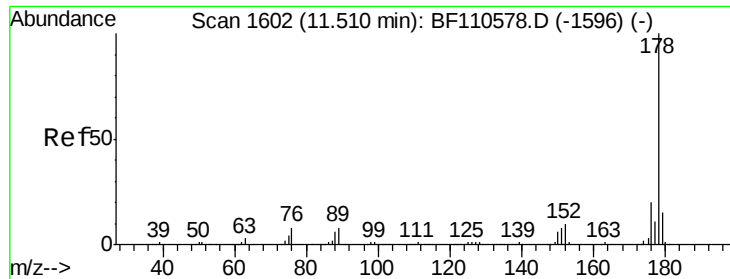
Tgt Ion:200 Resp: 90145
 Ion Ratio Lower Upper
 200 100
 173 26.4 6.6 46.6
 215 44.3 26.3 66.3



#70
 Pentachlorophenol
 Concen: 61.397 ng
 RT: 11.28 min Scan# 1563
 Delta R.T. -0.01 min
 Lab File: BF110785.D
 Acq: 15 Nov 2018 13:43

Tgt Ion:266 Resp: 85082
 Ion Ratio Lower Upper
 266 100
 268 64.4 50.6 75.8
 264 64.3 50.6 75.8





#71

Phenanthrene

Concen: 38.691 ng

RT: 11.50 min Scan# 1601

Delta R.T. -0.01 min

Lab File: BF110785.D

Acq: 15 Nov 2018 13:43

Instrument :

BNA_F

ClientSampleId :

PB114818BS

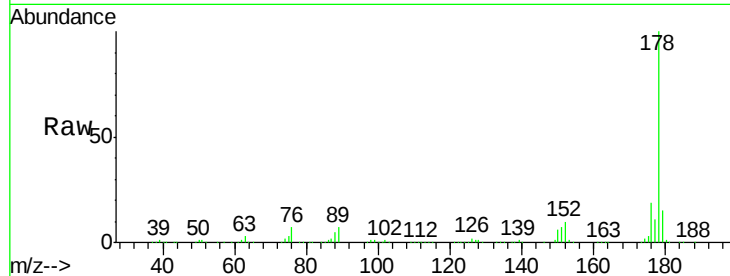
Tgt Ion:178 Resp: 462009

Ion Ratio Lower Upper

178 100

176 18.8 15.5 23.3

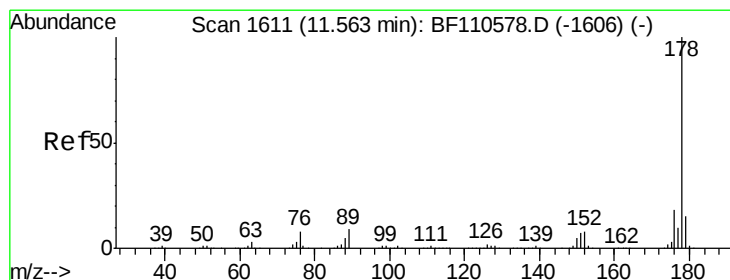
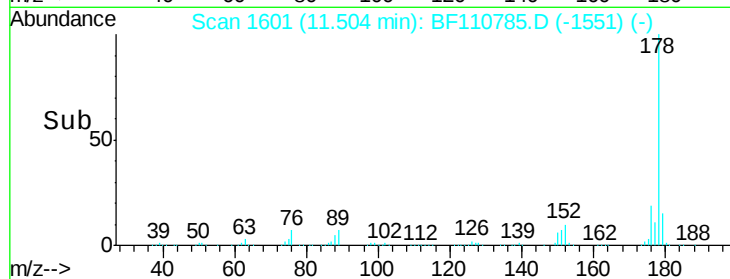
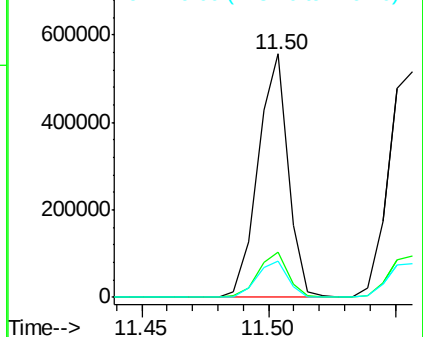
179 14.7 12.5 18.7



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: 40.360 ng

RT: 11.56 min Scan# 1610

Delta R.T. -0.01 min

Lab File: BF110785.D

Acq: 15 Nov 2018 13:43

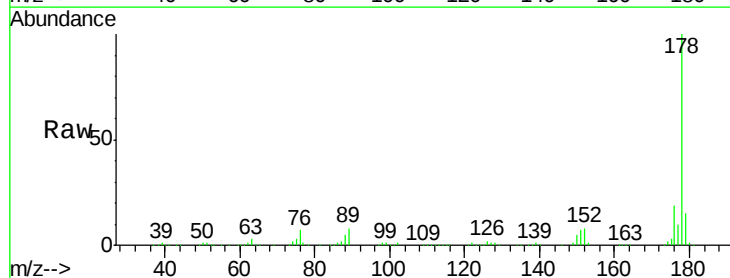
Tgt Ion:178 Resp: 486156

Ion Ratio Lower Upper

178 100

176 18.6 15.4 23.2

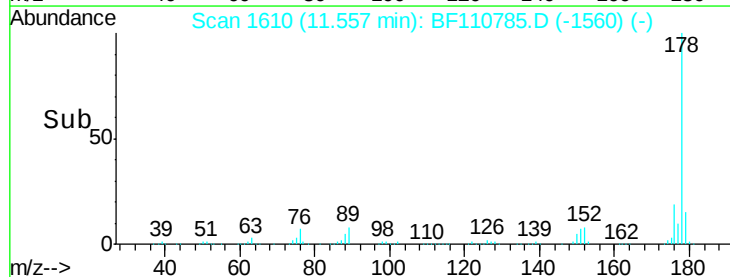
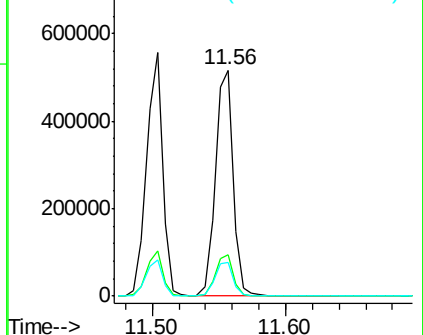
179 15.1 12.6 18.8

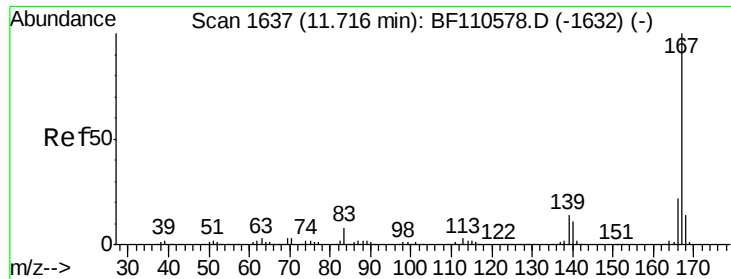


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

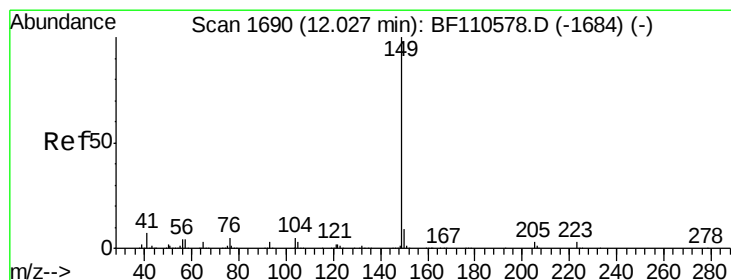
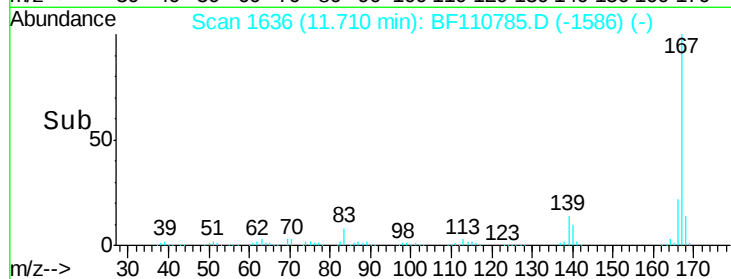
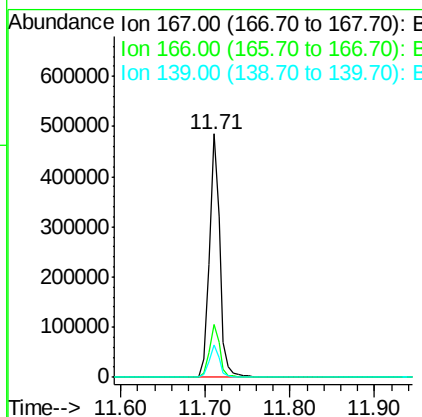
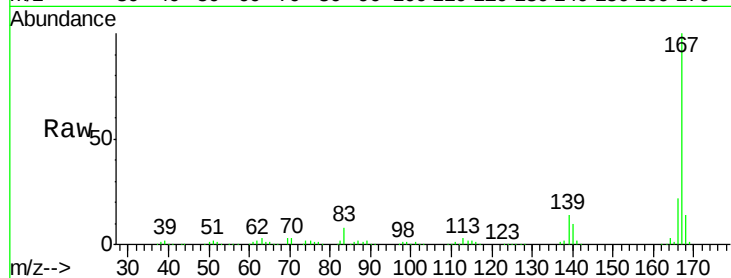




#73
 Carbazole
 Concen: 36.304 ng
 RT: 11.71 min Scan# 1636
 Delta R.T. -0.01 min
 Lab File: BF110785.D
 Acq: 15 Nov 2018 13:43

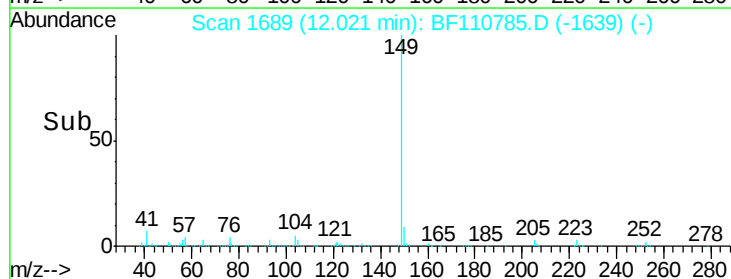
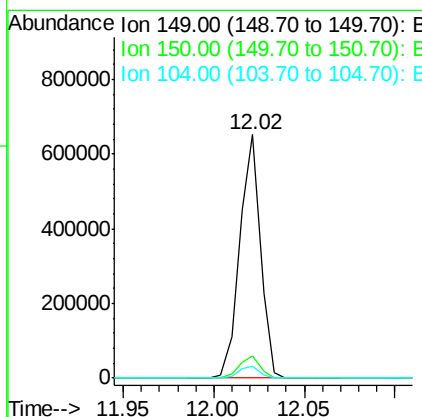
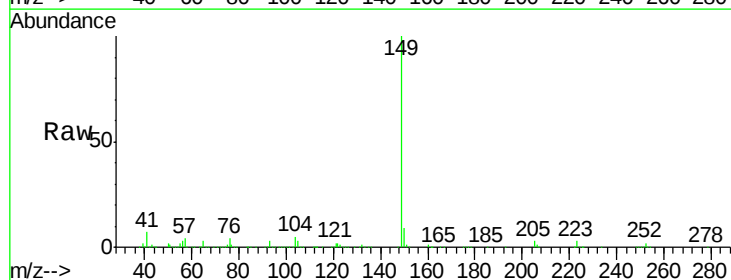
Instrument :
 BNA_F
 ClientSampleId :
 PB114818BS

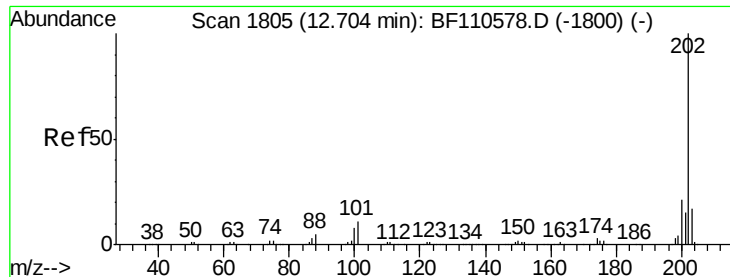
Tgt Ion:167 Resp: 419966
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.4 26.0
 139 13.6 10.9 16.3



#74
 Di-n-butylphthalate
 Concen: 38.272 ng
 RT: 12.02 min Scan# 1689
 Delta R.T. -0.01 min
 Lab File: BF110785.D
 Acq: 15 Nov 2018 13:43

Tgt Ion:149 Resp: 519188
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.7 11.5
 104 4.8 4.2 6.4

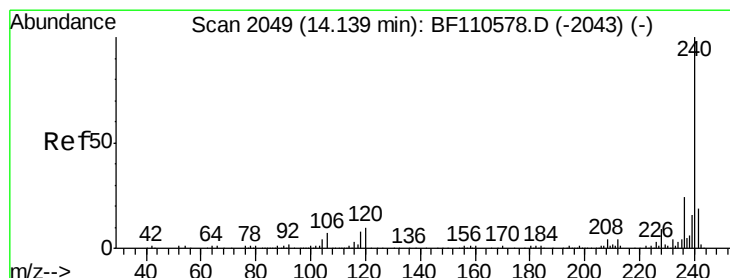
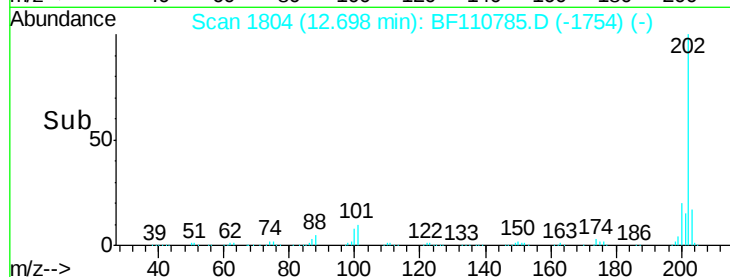
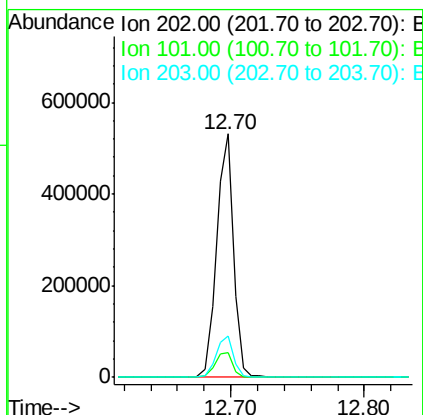
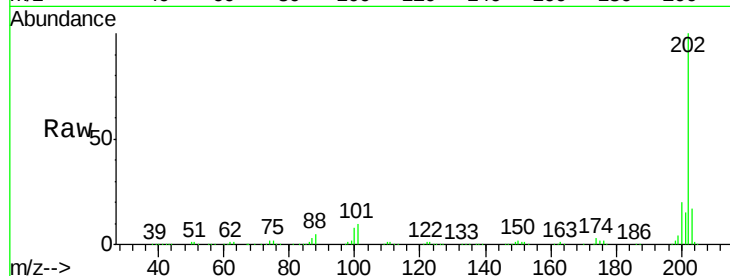




#75
 Fluoranthene
 Concen: 39.566 ng
 RT: 12.70 min Scan# 1804
 Delta R.T. -0.01 min
 Lab File: BF110785.D
 Acq: 15 Nov 2018 13:43

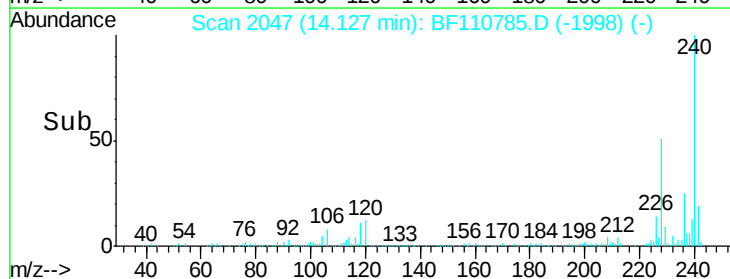
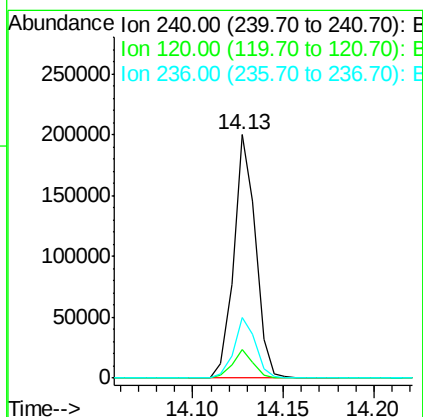
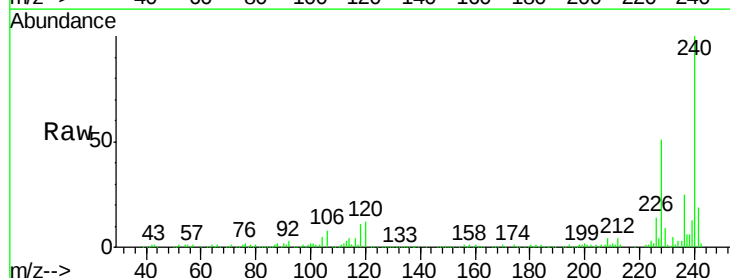
Instrument :
 BNA_F
 ClientSampleId :
 PB114818BS

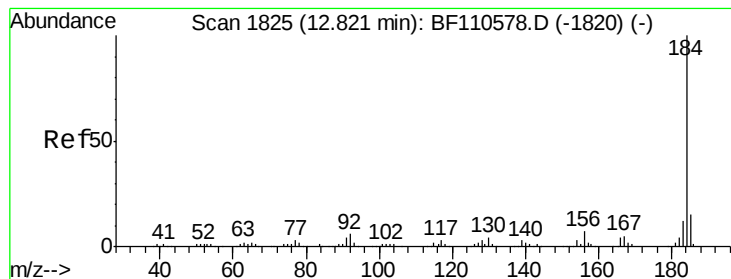
Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.1	0.0	31.4
203	17.1	0.0	37.7



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.13 min Scan# 2047
 Delta R.T. -0.01 min
 Lab File: BF110785.D
 Acq: 15 Nov 2018 13:43

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.0	8.3	12.5
236	25.1	21.2	31.8





#77

Benzidine

Concen: 24.150 ng

RT: 12.82 min Scan# 1824

Delta R.T. -0.01 min

Lab File: BF110785.D

Acq: 15 Nov 2018 13:43

Instrument :

BNA_F

ClientSampleId :

PB114818BS

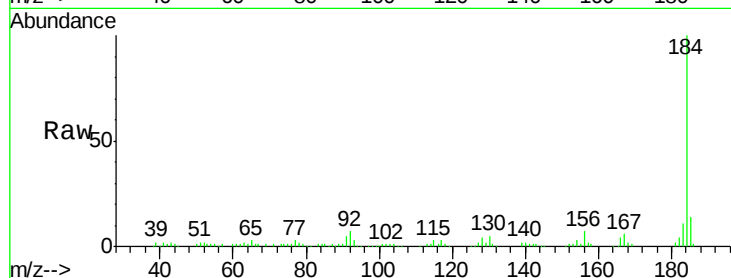
Tgt Ion:184 Resp: 111434

Ion Ratio Lower Upper

184 100

185 13.9 13.4 20.2

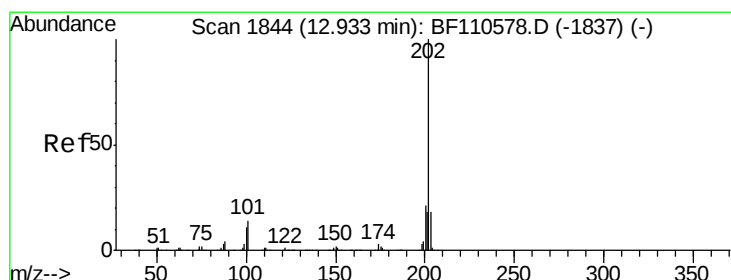
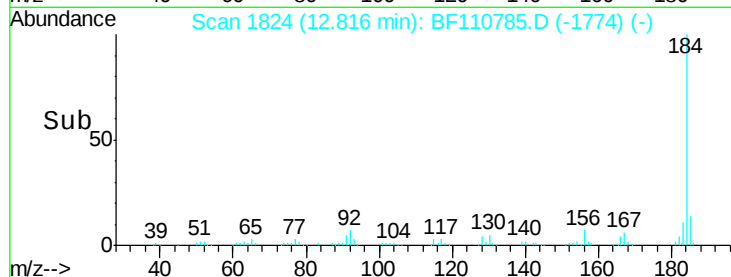
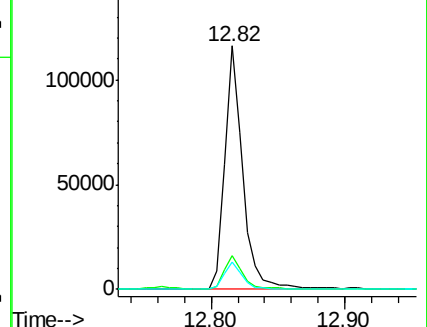
183 11.2 9.4 14.2



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: 37.242 ng

RT: 12.93 min Scan# 1843

Delta R.T. -0.01 min

Lab File: BF110785.D

Acq: 15 Nov 2018 13:43

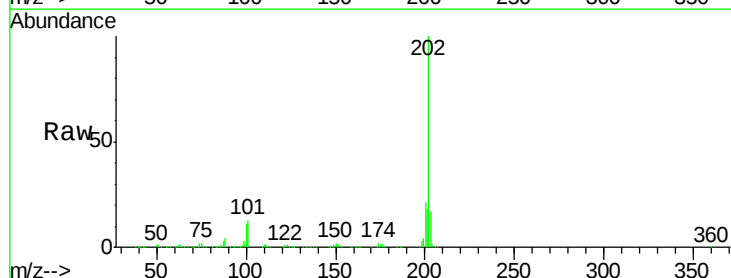
Tgt Ion:202 Resp: 481137

Ion Ratio Lower Upper

202 100

200 21.4 17.8 26.6

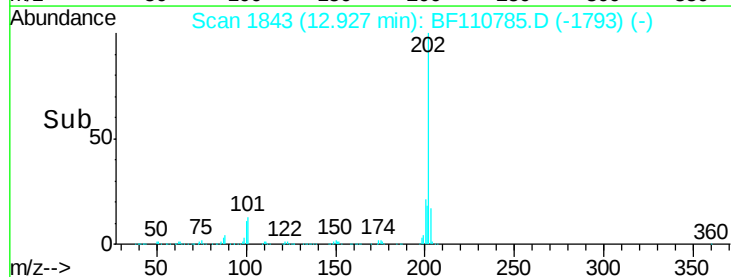
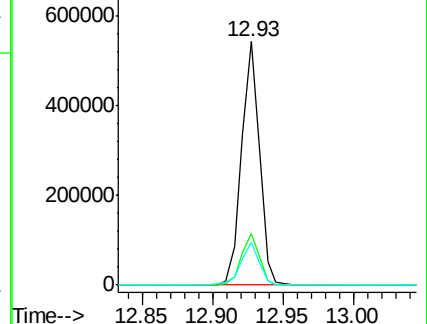
203 17.5 14.2 21.4

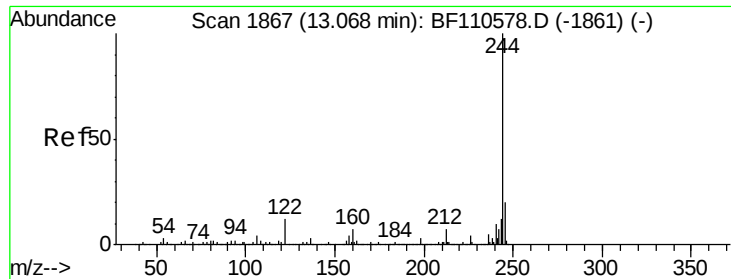


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 63.870 ng

RT: 13.06 min Scan# 1865

Delta R.T. -0.01 min

Lab File: BF110785.D

Acq: 15 Nov 2018 13:43

Instrument :

BNA_F

ClientSampleId :

PB114818BS

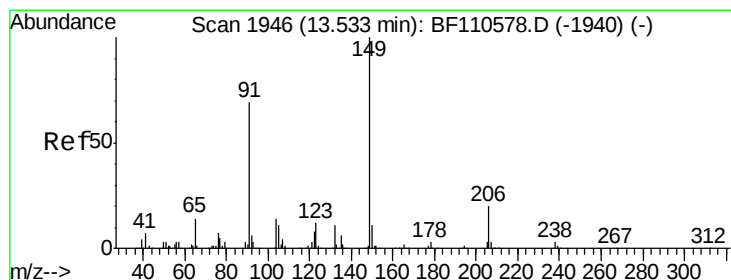
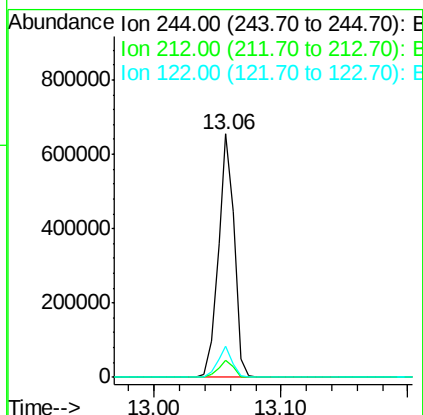
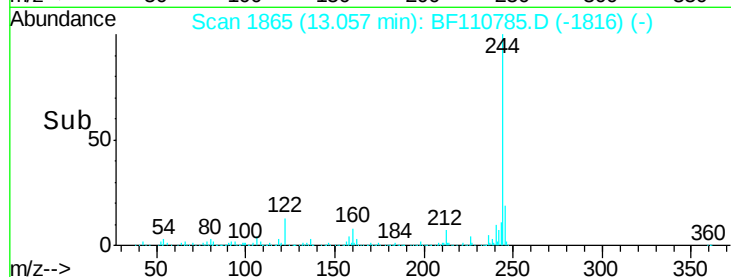
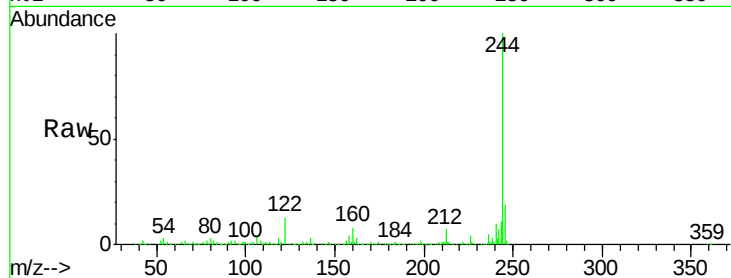
Tgt Ion:244 Resp: 572229

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

122 12.6 8.7 13.1



#80

Butylbenzylphthalate

Concen: 37.637 ng

RT: 13.52 min Scan# 1944

Delta R.T. -0.01 min

Lab File: BF110785.D

Acq: 15 Nov 2018 13:43

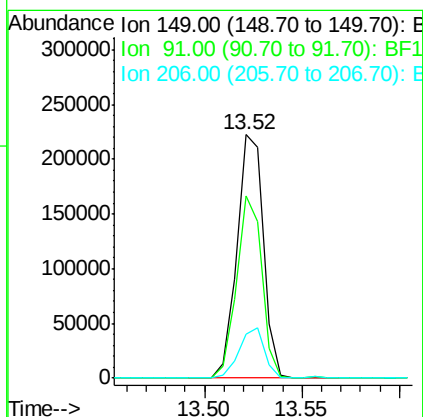
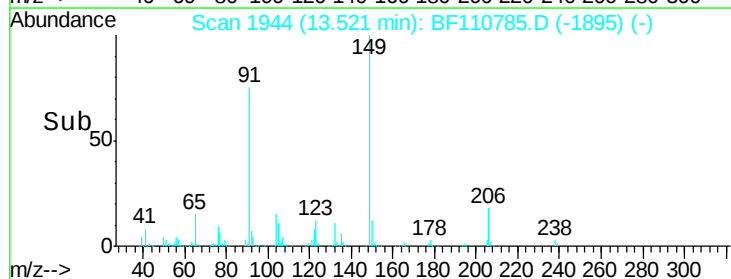
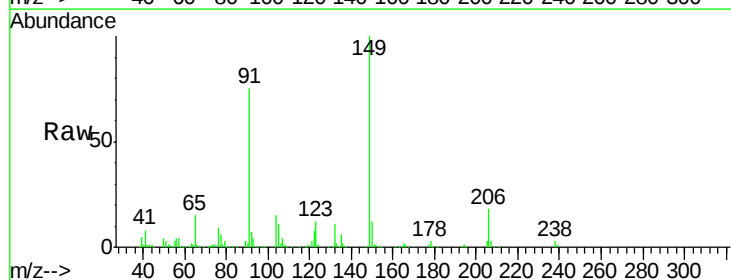
Tgt Ion:149 Resp: 209281

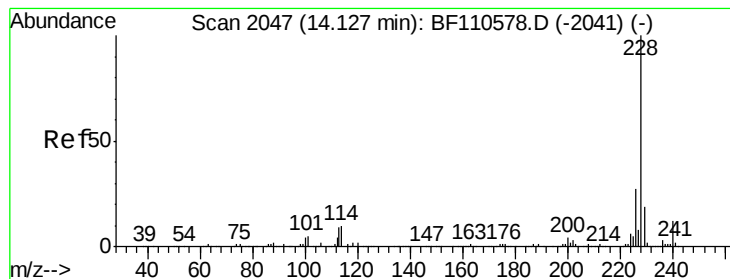
Ion Ratio Lower Upper

149 100

91 75.0 57.2 85.8

206 18.0 15.7 23.5





#81

Benzo(a)anthracene

Concen: 38.275 ng

RT: 14.12 min Scan# 2045

Delta R.T. -0.01 min

Lab File: BF110785.D

Acq: 15 Nov 2018 13:43

Instrument :

BNA_F

ClientSampleId :

PB114818BS

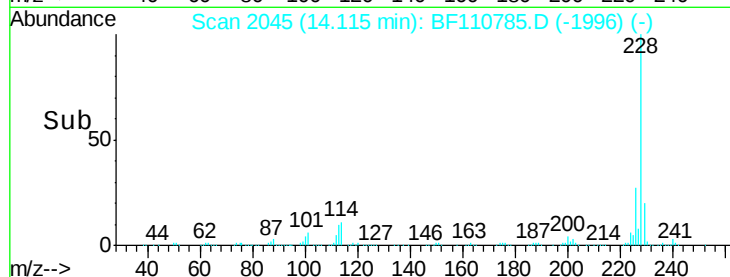
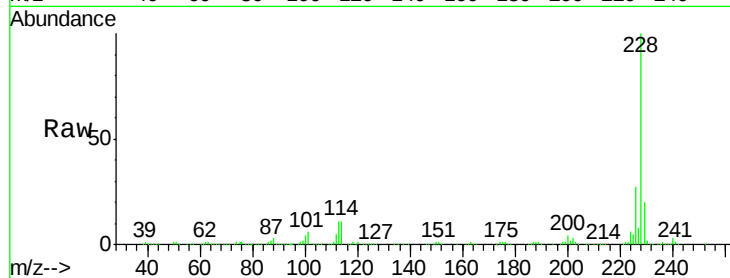
Tgt Ion:228 Resp: 383855

Ion Ratio Lower Upper

228 100

226 27.0 22.1 33.1

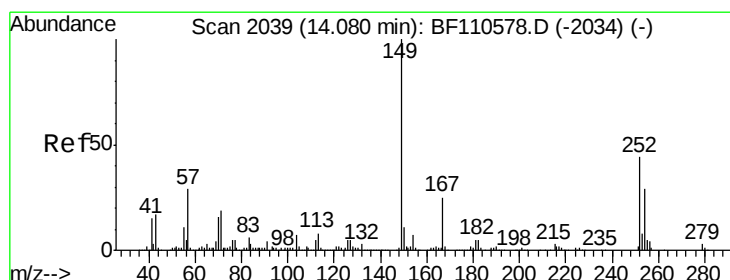
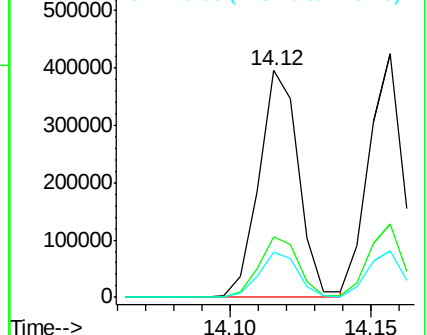
229 20.1 15.6 23.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 18.957 ng

RT: 14.07 min Scan# 2038

Delta R.T. -0.01 min

Lab File: BF110785.D

Acq: 15 Nov 2018 13:43

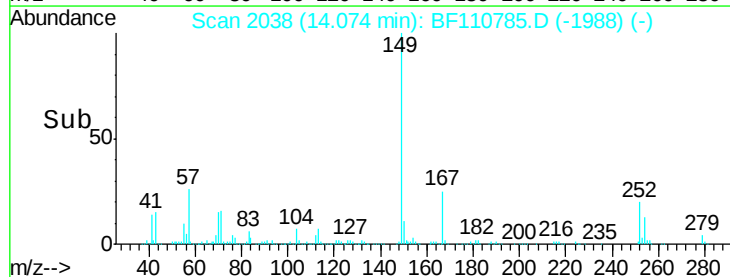
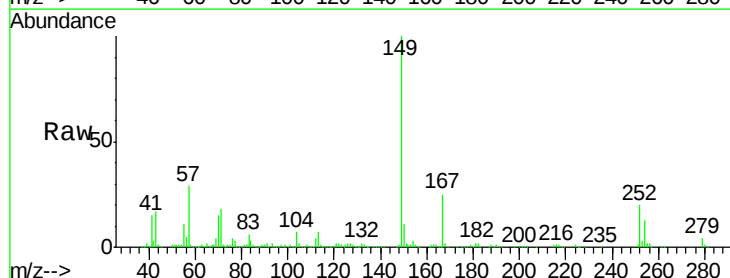
Tgt Ion:252 Resp: 63689

Ion Ratio Lower Upper

252 100

254 65.3 51.3 76.9

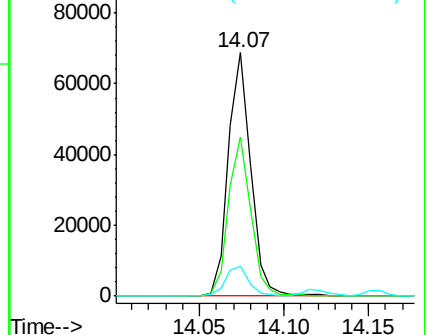
126 12.2 9.4 14.2

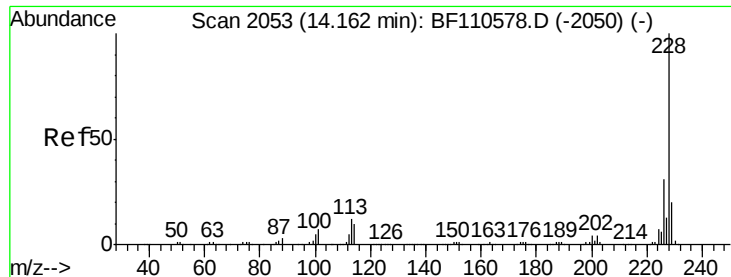


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 37.219 ng

RT: 14.16 min Scan# 2052

Delta R.T. -0.01 min

Lab File: BF110785.D

Acq: 15 Nov 2018 13:43

Instrument :

BNA_F

ClientSampled :

PB114818BS

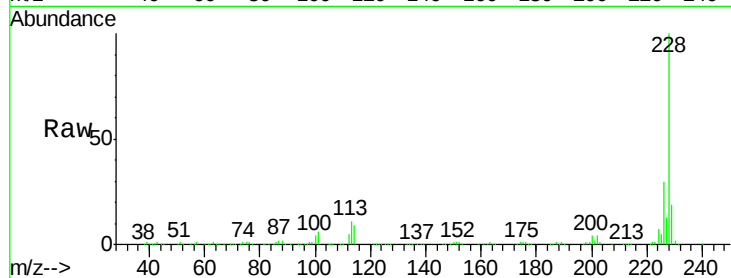
Tgt Ion:228 Resp: 355603

Ion Ratio Lower Upper

228 100

226 30.4 24.7 37.1

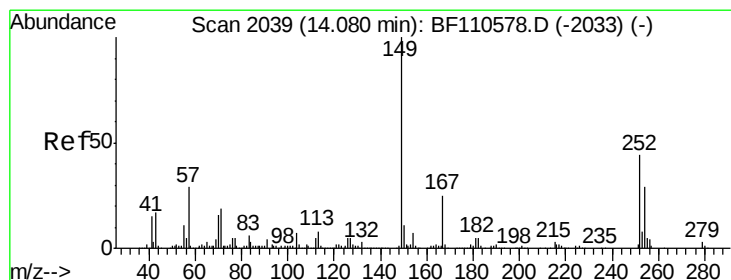
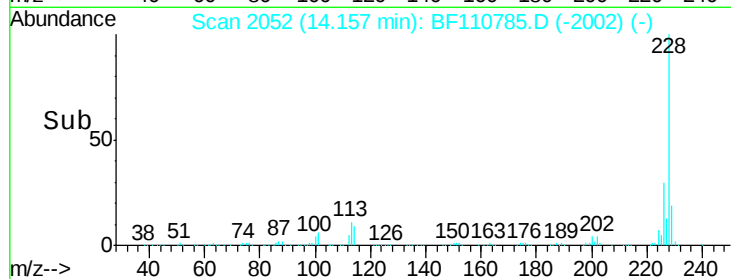
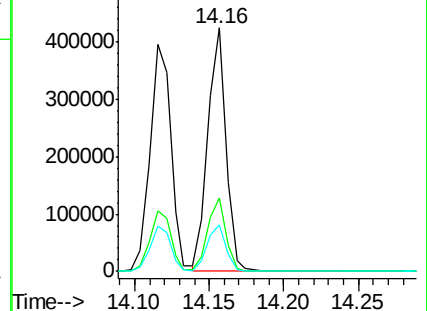
229 19.2 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.621 ng

RT: 14.07 min Scan# 2038

Delta R.T. -0.01 min

Lab File: BF110785.D

Acq: 15 Nov 2018 13:43

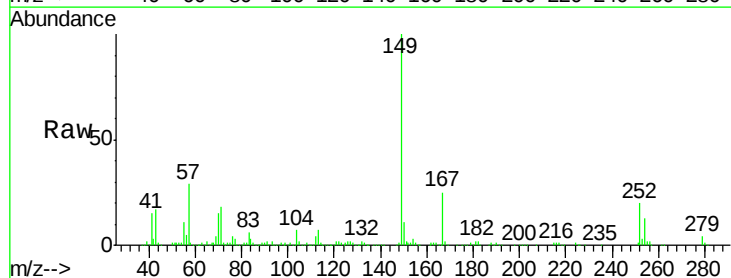
Tgt Ion:149 Resp: 280203

Ion Ratio Lower Upper

149 100

167 25.2 19.8 29.8

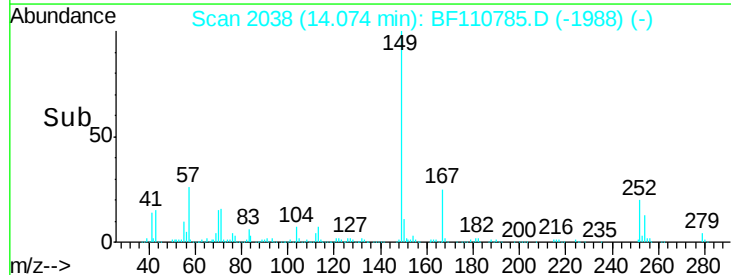
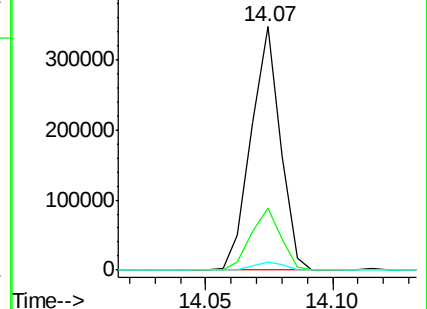
279 3.5 2.7 4.1

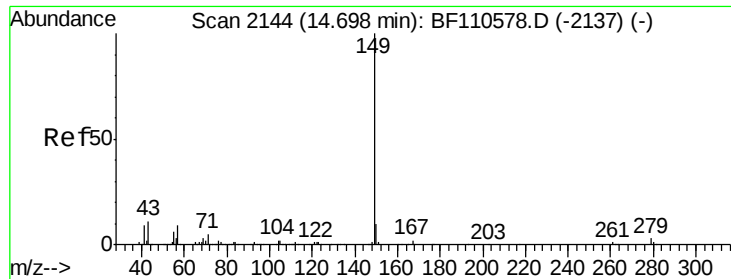


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

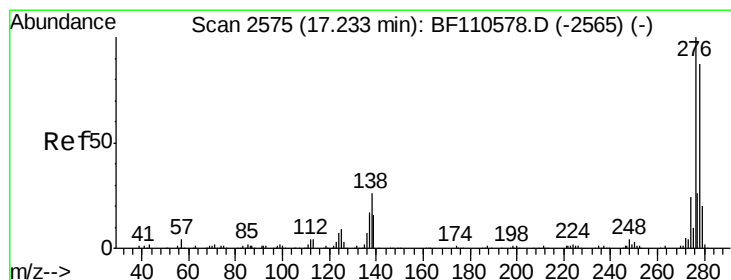
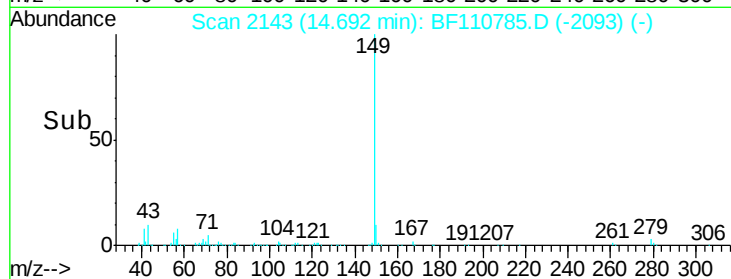
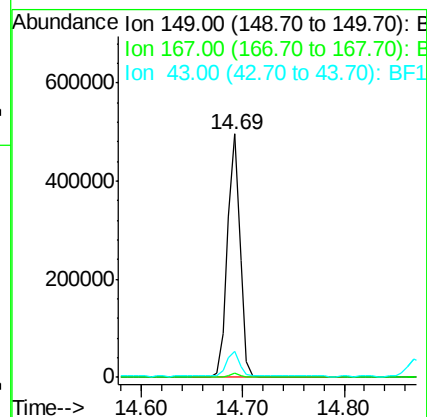
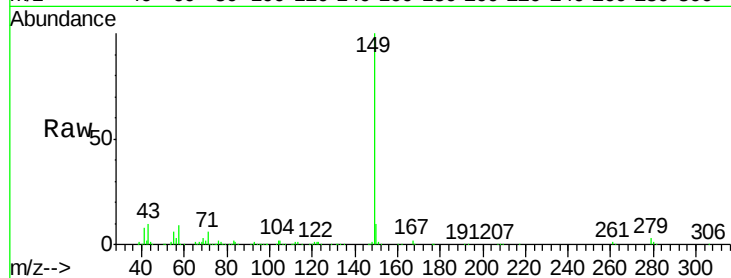




#85
Di-n-octyl phthalate
Concen: 42.037 ng
RT: 14.69 min Scan# 2143
Delta R.T. -0.01 min
Lab File: BF110785.D
Acq: 15 Nov 2018 13:43

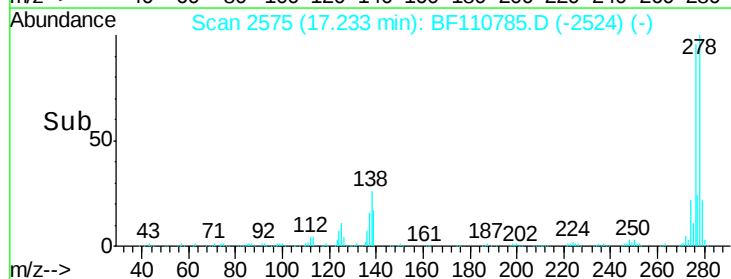
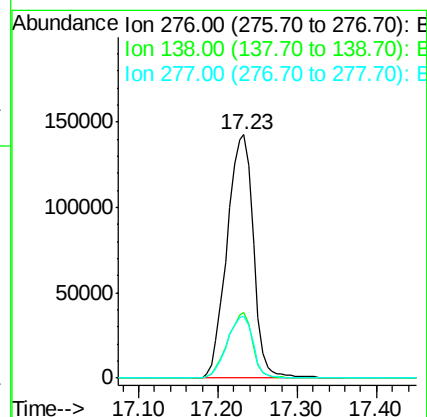
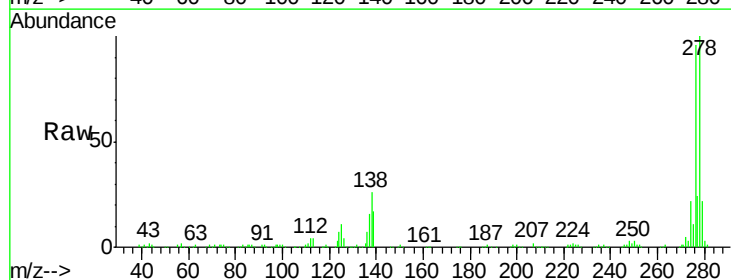
Instrument :
BNA_F
ClientSampleId :
PB114818BS

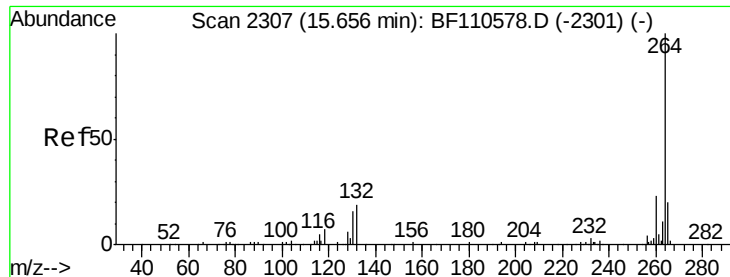
Tgt Ion:149 Resp: 426412
Ion Ratio Lower Upper
149 100
167 1.6 1.1 1.7
43 11.4 7.8 11.8



#86
Indeno(1,2,3-cd)pyrene
Concen: 47.846 ng
RT: 17.23 min Scan# 2575
Delta R.T. 0.00 min
Lab File: BF110785.D
Acq: 15 Nov 2018 13:43

Tgt Ion:276 Resp: 328041
Ion Ratio Lower Upper
276 100
138 25.5 18.5 27.7
277 25.0 20.0 30.0

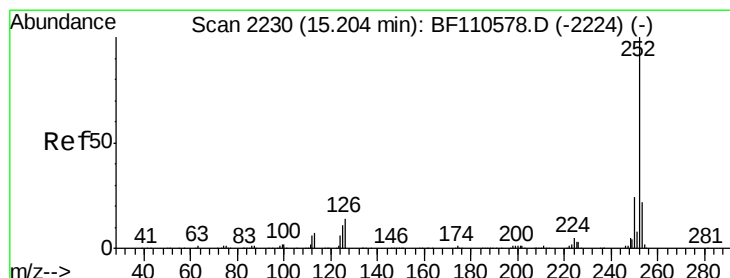
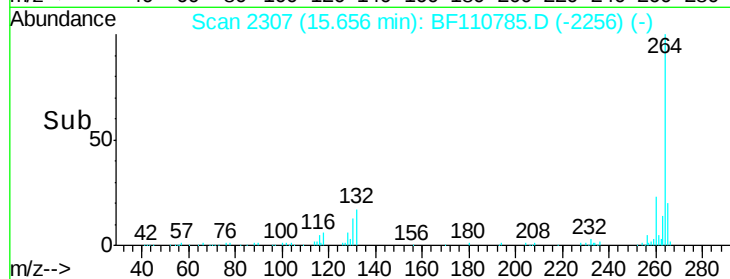
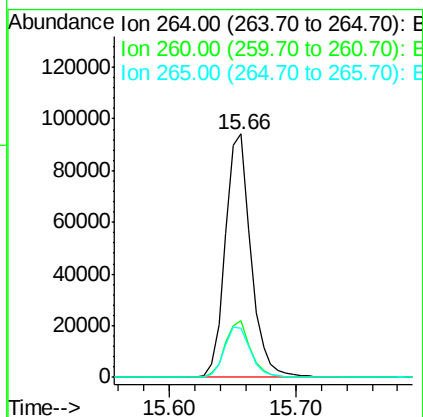
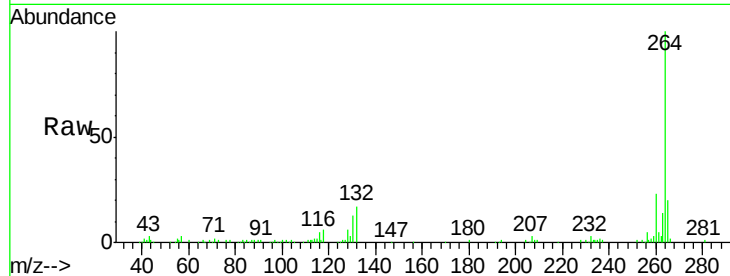




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2307
Delta R.T. 0.00 min
Lab File: BF110785.D
Acq: 15 Nov 2018 13:43

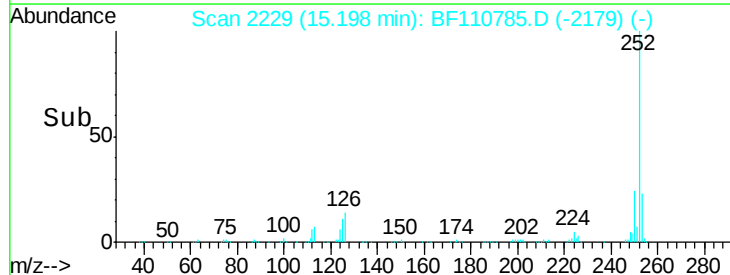
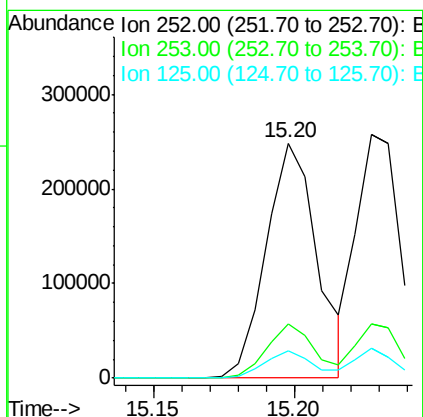
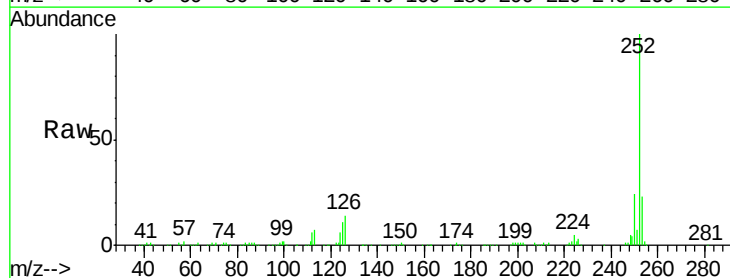
Instrument :
BNA_F
ClientSampleId :
PB114818BS

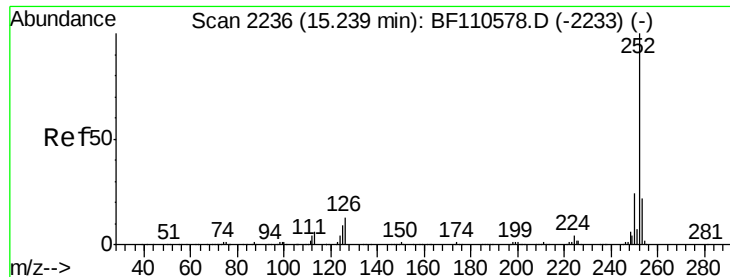
Tgt Ion:264 Resp: 131296
Ion Ratio Lower Upper
264 100
260 23.1 18.7 28.1
265 20.1 16.7 25.1



#88
Benzo(b)fluoranthene
Concen: 39.688 ng
RT: 15.20 min Scan# 2229
Delta R.T. -0.01 min
Lab File: BF110785.D
Acq: 15 Nov 2018 13:43

Tgt Ion:252 Resp: 311730
Ion Ratio Lower Upper
252 100
253 23.0 17.2 25.8
125 11.4 8.2 12.4

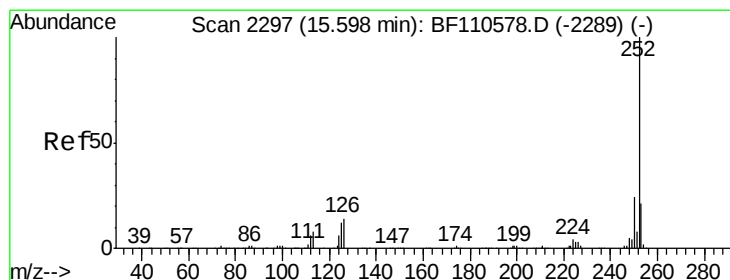
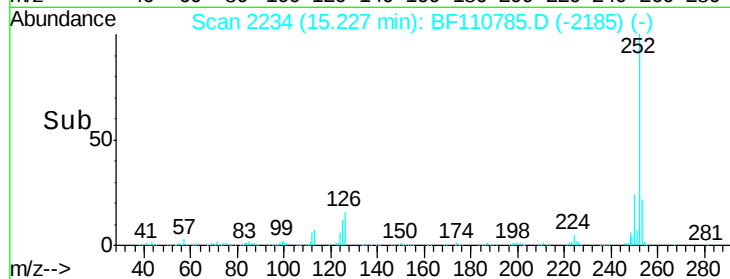
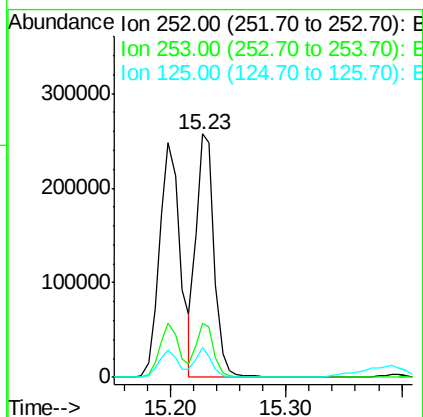
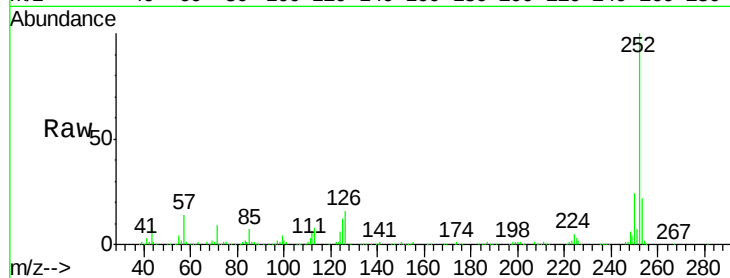




#89
Benzo(k)fluoranthene
Concen: 36.465 ng
RT: 15.23 min Scan# 2234
Delta R.T. -0.01 min
Lab File: BF110785.D
Acq: 15 Nov 2018 13:43

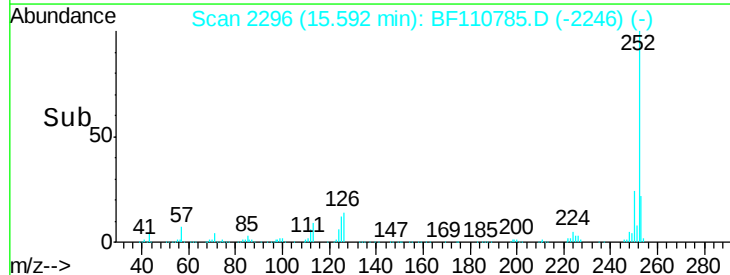
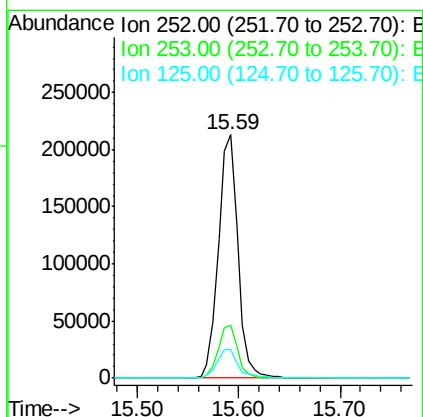
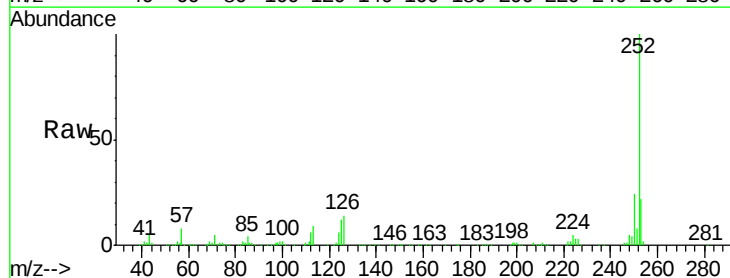
Instrument :
BNA_F
ClientSampleId :
PB114818BS

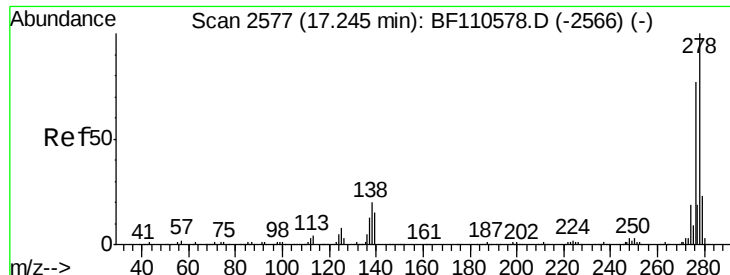
Tgt Ion:252 Resp: 283013
Ion Ratio Lower Upper
252 100
253 22.4 17.2 25.8
125 12.3 7.4 11.0#



#90
Benzo(a)pyrene
Concen: 39.963 ng
RT: 15.59 min Scan# 2296
Delta R.T. -0.01 min
Lab File: BF110785.D
Acq: 15 Nov 2018 13:43

Tgt Ion:252 Resp: 285191
Ion Ratio Lower Upper
252 100
253 21.6 18.2 27.4
125 11.8 9.0 13.6





#91

Dibenzo(a,h)anthracene

Concen: 45.323 ng

RT: 17.23 min Scan# 2575

Delta R.T. -0.01 min

Lab File: BF110785.D

Acq: 15 Nov 2018 13:43

Instrument :

BNA_F

ClientSampleId :

PB114818BS

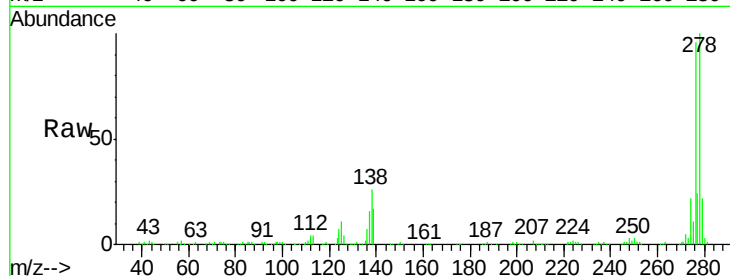
Tgt Ion:278 Resp: 273713

Ion Ratio Lower Upper

278 100

139 17.1 12.7 19.1

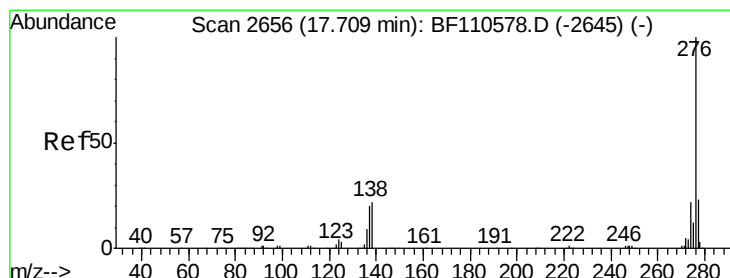
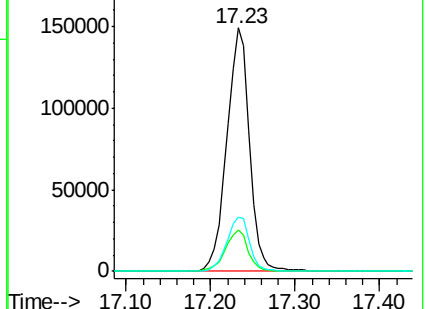
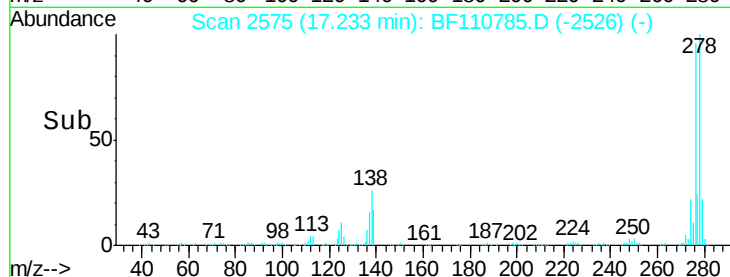
279 22.4 19.0 28.4



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: 45.935 ng

RT: 17.70 min Scan# 2655

Delta R.T. -0.01 min

Lab File: BF110785.D

Acq: 15 Nov 2018 13:43

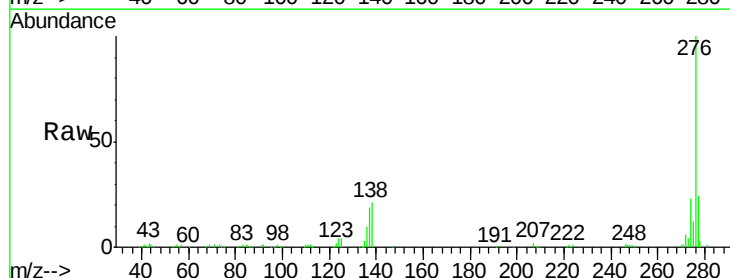
Tgt Ion:276 Resp: 275240

Ion Ratio Lower Upper

276 100

277 23.6 18.8 28.2

138 21.4 16.0 24.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

