

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101118\
 Data File : BF109785.D
 Acq On : 11 Oct 2018 14:24
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 11 15:10:16 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF100818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 08 16:02:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	112946	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	470442	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	220648	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	423828	20.00	ng	0.00
75) Chrysene-d12	13.83	240	294833	20.00	ng	0.00
86) Perylene-d12	15.23	264	238946	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.32	112	508343	79.89	ng	0.00
7) Phenol-d6	6.35	99	675640	79.48	ng	0.00
23) Nitrobenzene-d5	7.27	82	695104	81.45	ng	0.00
41) 2,4,6-Tribromophenol	10.52	330	190190	79.11	ng	0.00
44) 2-Fluorobiphenyl	9.06	172	1223662	76.38	ng	0.00
78) Terphenyl-d14	12.79	244	1194622	78.44	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.36	88	133089	39.853	ng	97
3) Pyridine	3.08	79	271245	39.370	ng	99
4) n-Nitrosodimethylamine	3.02	42	99086	39.845	ng	94
6) Aniline	6.37	93	399892	40.385	ng	98
8) 2-Chlorophenol	6.49	128	314185	40.148	ng	97
9) Benzaldehyde	6.25	77	213322	38.999	ng	99
10) Phenol	6.37	94	366582	37.609	ng	94
11) bis(2-Chloroethyl)ether	6.44	93	277434	34.332	ng	98
12) 1,3-Dichlorobenzene	6.64	146	347698	38.846	ng	98
13) 1,4-Dichlorobenzene	6.72	146	384458	39.404	ng	99
14) 1,2-Dichlorobenzene	6.87	146	320088	37.356	ng	99
15) Benzyl Alcohol	6.85	79	253613	40.245	ng	100
16) 2,2'-oxybis(1-Chloropropan	6.98	45	403973	37.701	ng	92
17) 2-Methylphenol	6.97	107	242147	39.129	ng	96
18) Hexachloroethane	7.20	117	135664	39.338	ng	94
19) n-Nitroso-di-n-propylamine	7.12	70	222690	37.358	ng	98
20) 3+4-Methylphenols	7.12	107	291739	38.258	ng	# 82
22) Acetophenone	7.12	105	446906	39.284	ng	98
24) Nitrobenzene	7.29	77	363723	40.958	ng	100
25) Isophorone	7.52	82	543600	38.358	ng	100
26) 2-Nitrophenol	7.60	139	165353	39.808	ng	99
27) 2,4-Dimethylphenol	7.65	122	230768	38.472	ng	100
28) bis(2-Chloroethoxy)methane	7.73	93	377036	39.332	ng	98
29) 2,4-Dichlorophenol	7.85	162	274442	40.790	ng	97
30) 1,2,4-Trichlorobenzene	7.92	180	292815	39.314	ng	99
31) Naphthalene	8.00	128	826537	37.990	ng	99
32) Benzoic acid	7.81	122	155402	36.236	ng	97
33) 4-Chloroaniline	8.06	127	387275	40.421	ng	99
34) Hexachlorobutadiene	8.12	225	181084	39.103	ng	99
35) Caprolactam	8.45	113	80166	39.897	ng	95
36) 4-Chloro-3-methylphenol	8.55	107	283696	39.945	ng	97
37) 2-Methylnaphthalene	8.69	142	541388	37.988	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	297019	39.545	ng	100
40) Hexachlorocyclopentadiene	8.85	237	104118	36.011	ng	98

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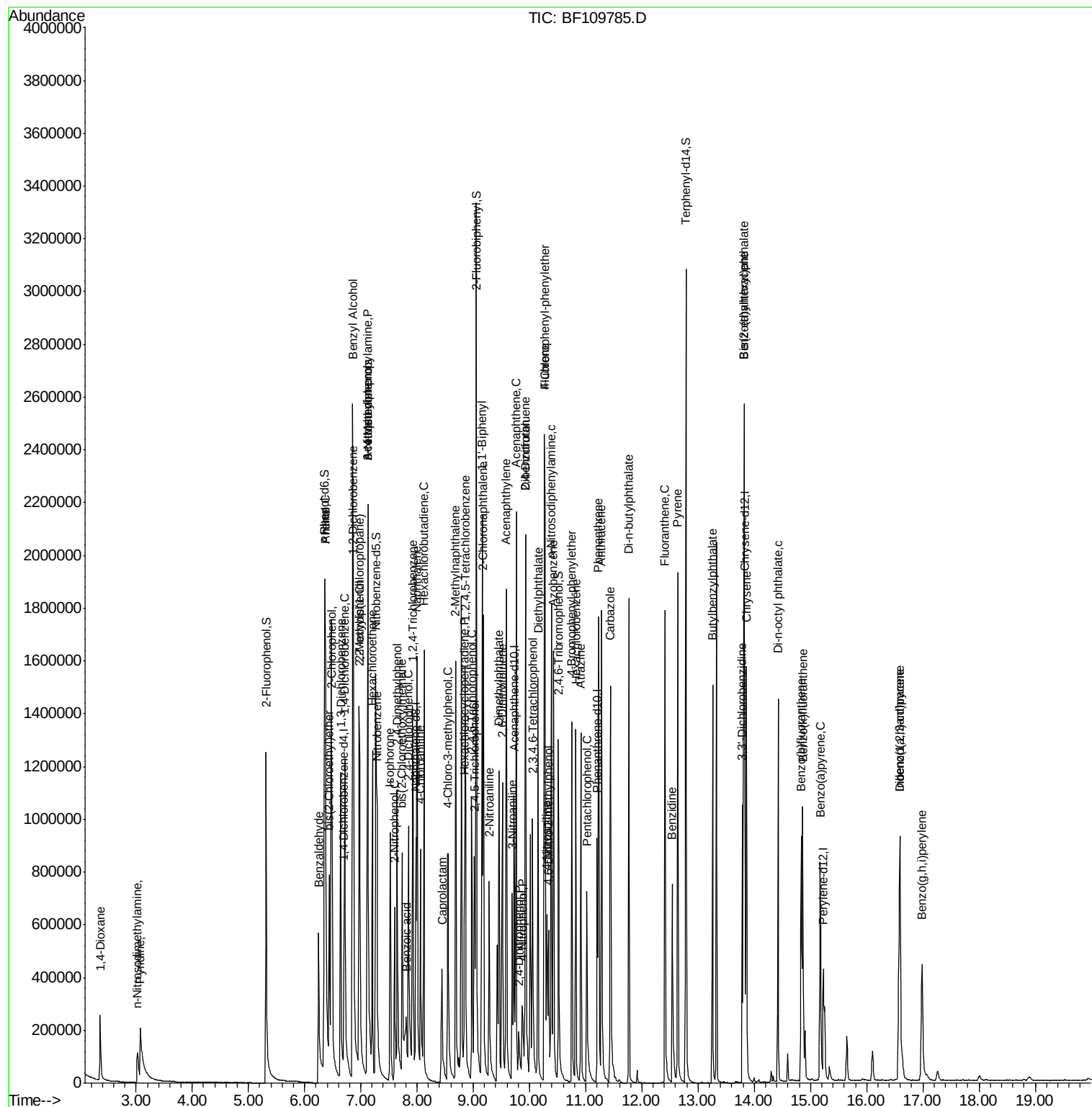
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.97	196	175051	38.987	nq	99
43) 2,4,5-Trichlorophenol	9.02	196	206301	39.961	nq	99
45) 1,1'-Biphenyl	9.16	154	772383	39.184	nq	99
46) 2-Chloronaphthalene	9.18	162	579275	39.226	nq	99
47) 2-Nitroaniline	9.28	65	183509	41.039	nq	99
48) Acenaphthylene	9.59	152	829649	38.536	nq	99
49) Dimethylphthalate	9.46	163	625939	38.680	nq	99
50) 2,6-Dinitrotoluene	9.52	165	140323	40.003	nq	98
51) Acenaphthene	9.76	154	484044	37.926	nq	100
52) 3-Nitroaniline	9.69	138	158115	40.211	nq	99
53) 2,4-Dinitrophenol	9.80	184	40284	35.595	nq	# 83
54) Dibenzofuran	9.93	168	736955	38.522	nq	99
55) 4-Nitrophenol	9.87	139	72510	33.689	nq	95
56) 2,4-Dinitrotoluene	9.93	165	176519	40.323	nq	92
57) Fluorene	10.27	166	553738	38.759	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.06	232	163415	38.940	nq	98
59) Diethylphthalate	10.15	149	621540	38.764	nq	98
60) 4-Chlorophenyl-phenylether	10.27	204	290527	38.546	nq	99
61) 4-Nitroaniline	10.31	138	155440	42.685	nq	98
62) Azobenzene	10.43	77	647528	39.769	nq	99
64) 4,6-Dinitro-2-methylphenol	10.34	198	73076	35.424	nq	91
65) n-Nitrosodiphenylamine	10.39	169	546965	38.069	nq	99
66) 4-Bromophenyl-phenylether	10.75	248	181961	37.365	nq	# 92
67) Hexachlorobenzene	10.82	284	200807	38.080	nq	# 92
68) Atrazine	10.92	200	171670	38.285	nq	98
69) Pentachlorophenol	11.02	266	128278	43.230	nq	98
70) Phenanthrene	11.23	178	807817	38.087	nq	100
71) Anthracene	11.28	178	871996	39.771	nq	99
72) Carbazole	11.44	167	839018	39.456	nq	100
73) Di-n-butylphthalate	11.77	149	945286	38.327	nq	99
74) Fluoranthene	12.41	202	859192	38.776	nq	100
76) Benzidine	12.54	184	428512	39.125	nq	97
77) Pyrene	12.64	202	868567	40.209	nq	99
79) Butylbenzylphthalate	13.26	149	380610	40.640	nq	100
80) Benzo(a)anthracene	13.82	228	616100	37.867	nq	99
81) 3,3'-Dichlorobenzidine	13.79	252	257442	39.297	nq	99
82) Chrysene	13.86	228	674139	39.447	nq	100
83) Bis(2-ethylhexyl)phthalate	13.82	149	447790	39.190	nq	99
84) Di-n-octyl phthalate	14.42	149	680874	37.700	nq	100
85) Indeno(1,2,3-cd)pyrene	16.59	276	528497	43.205	nq	99
87) Benzo(b)fluoranthene	14.84	252	503261	38.113	nq	98
88) Benzo(k)fluoranthene	14.86	252	505196	38.078	nq	99
89) Benzo(a)pyrene	15.17	252	467043	38.976	nq	98
90) Dibenzo(a,h)anthracene	16.59	278	435449	44.247	nq	99
91) Benzo(g,h,i)perylene	16.99	276	446676	45.452	nq	99

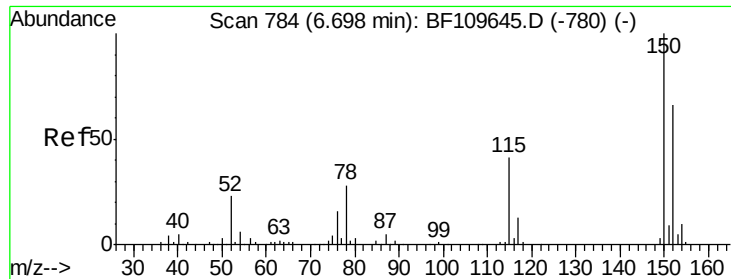
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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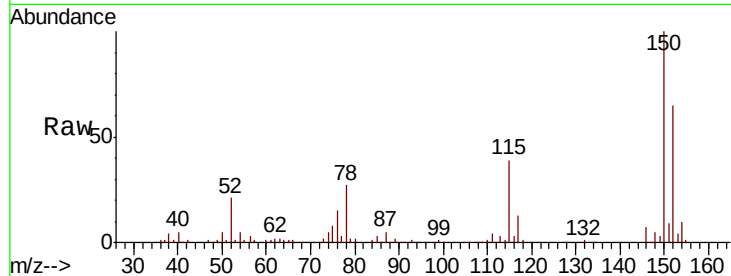


#1

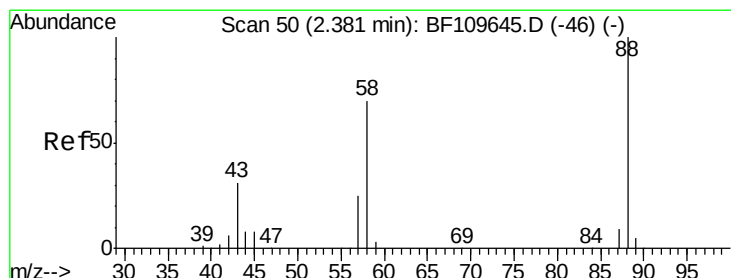
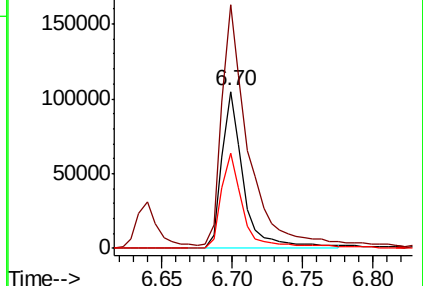
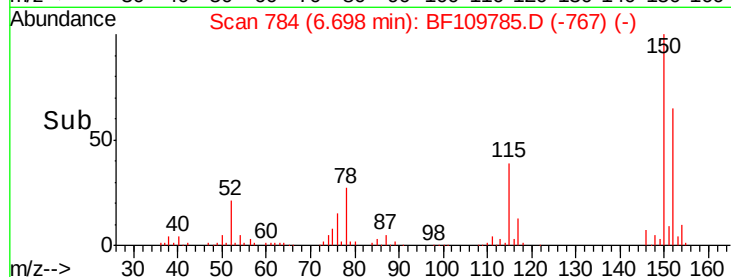
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. 0.00 min
Lab File: BF109785.D
Acq: 11 Oct 2018 14:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 112946
Ion Ratio Lower Upper
152 100
150 155.0 122.7 184.1
115 60.9 49.1 73.7



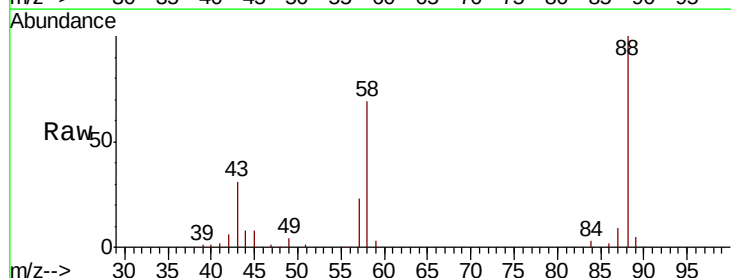
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



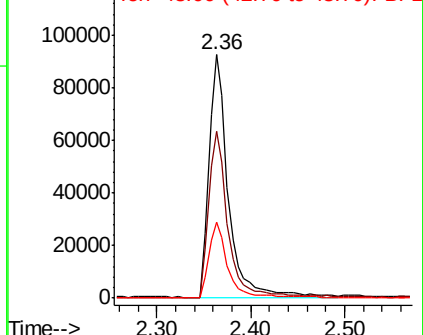
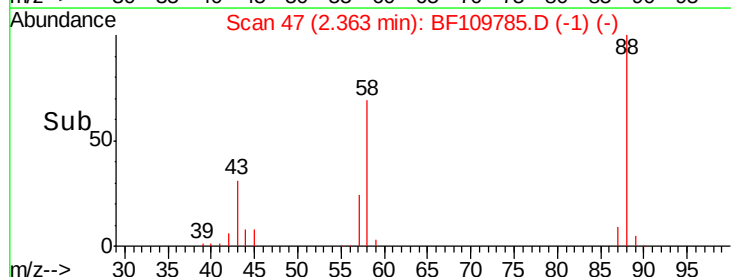
#2

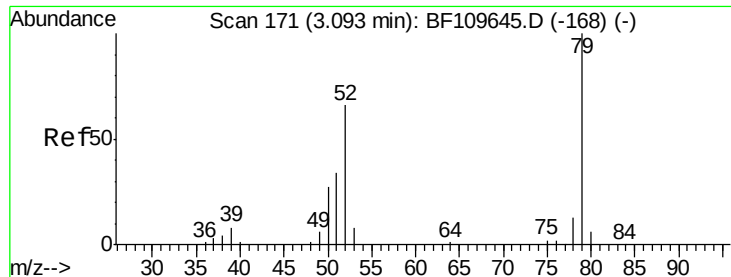
1,4-Dioxane
Concen: 39.853 ng
RT: 2.36 min Scan# 47
Delta R.T. -0.02 min
Lab File: BF109785.D
Acq: 11 Oct 2018 14:24

Tgt Ion: 88 Resp: 133089
Ion Ratio Lower Upper
88 100
58 69.1 57.1 85.7
43 31.8 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

Pvridine

Concen: 39.370 ng

RT: 3.08 min Scan# 168

Delta R.T. -0.02 min

Lab File: BF109785.D

Acq: 11 Oct 2018 14:24

Instrument :

BNA_F

ClientSampleId :

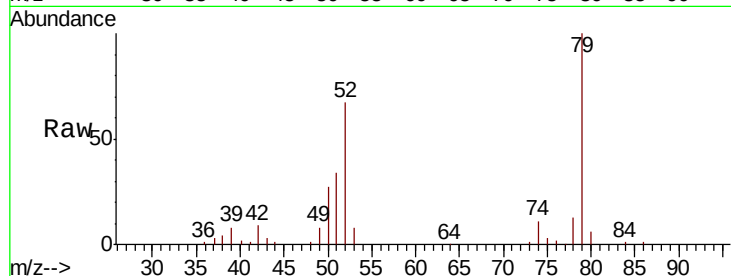
Tot Ion: 79 Resp: 271245

Ion Ratio Lower Upper

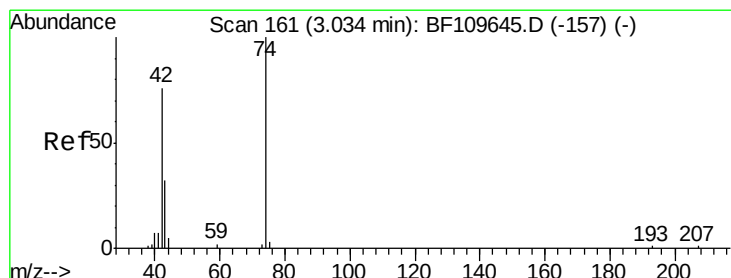
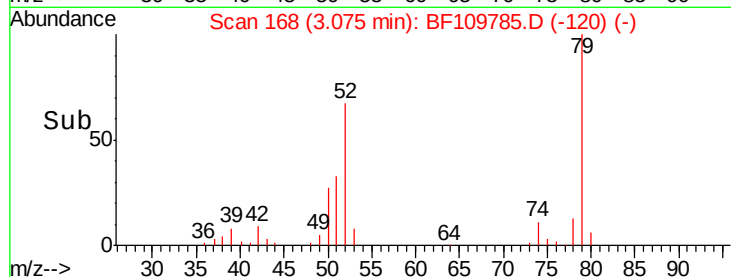
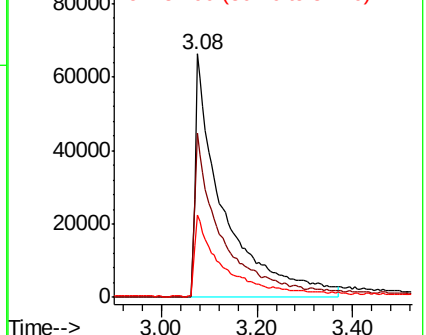
79 100

52 67.4 53.1 79.7

51 34.0 27.4 41.2



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



#4

n-Nitrosodimethylamine

Concen: 39.845 ng

RT: 3.02 min Scan# 159

Delta R.T. -0.01 min

Lab File: BF109785.D

Acq: 11 Oct 2018 14:24

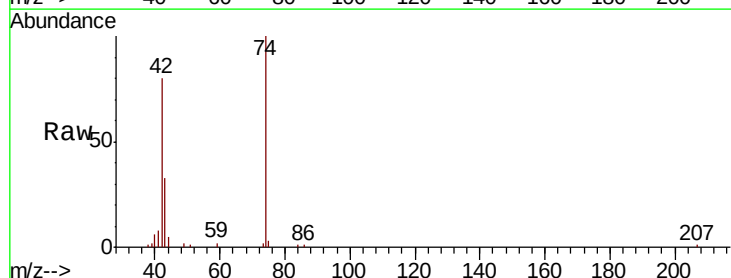
Tgt Ion: 42 Resp: 99086

Ion Ratio Lower Upper

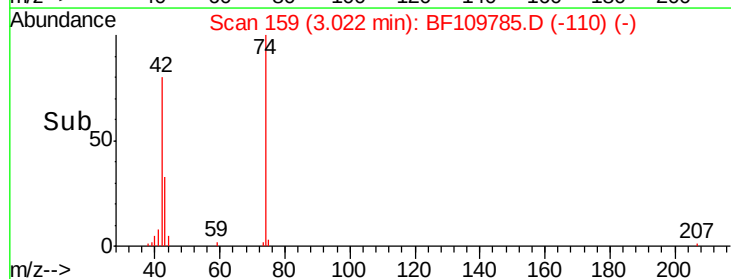
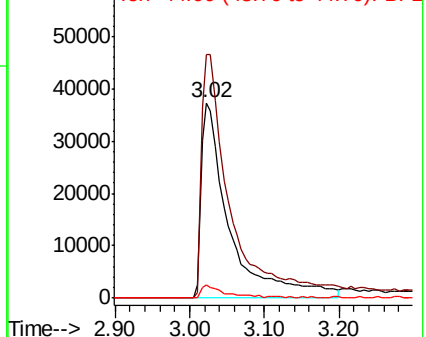
42 100

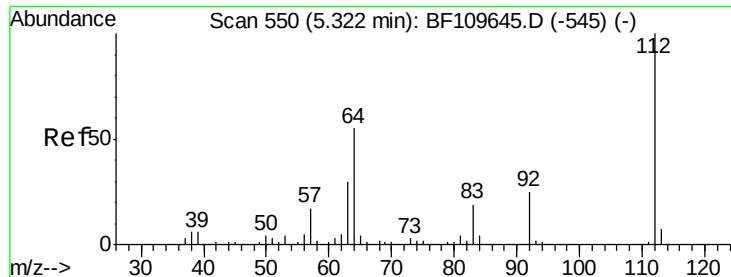
74 124.8 105.5 158.3

44 6.8 4.9 7.3



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





#5

2-Fluorophenol

Concen: 79.890 ng

RT: 5.32 min Scan# 549

Delta R.T. -0.00 min

Lab File: BF109785.D

Acq: 11 Oct 2018 14:24

Instrument :

BNA_F

ClientSampled :

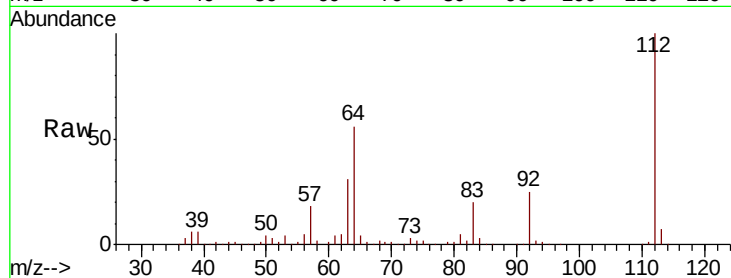
Tot Ion:112 Resp: 508343

Ion Ratio Lower Upper

112 100

64 55.7 44.1 66.1

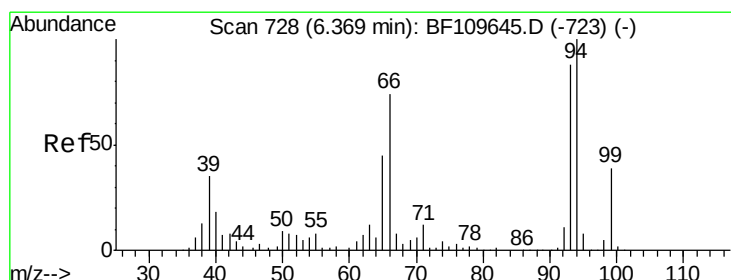
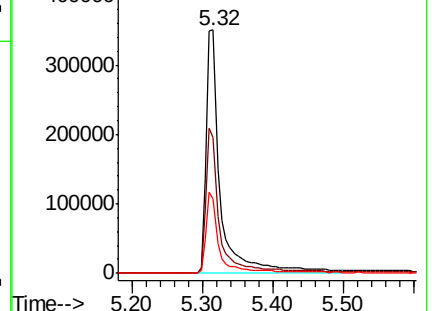
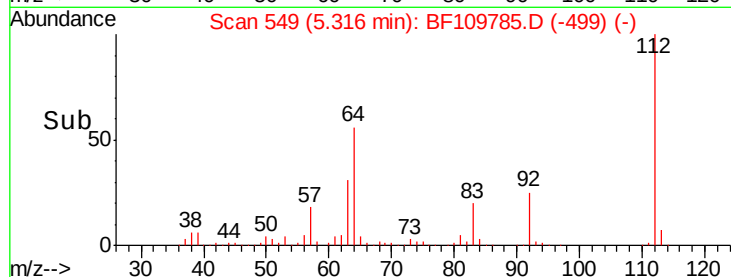
63 30.9 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 40.385 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF109785.D

Acq: 11 Oct 2018 14:24

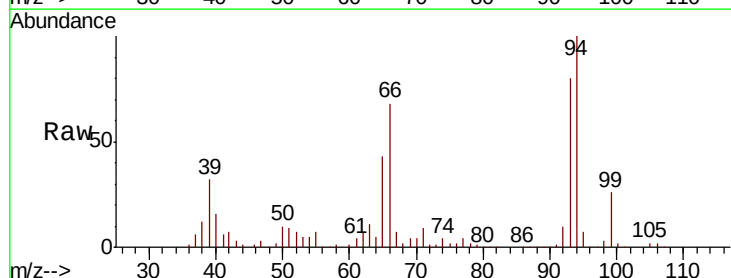
Tgt Ion: 93 Resp: 399892

Ion Ratio Lower Upper

93 100

66 84.8 67.4 101.0

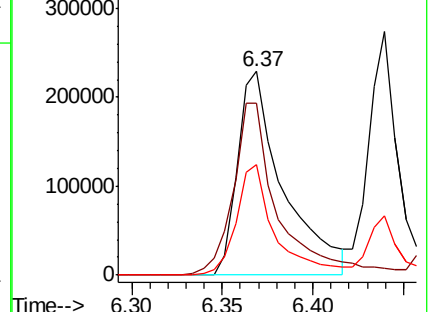
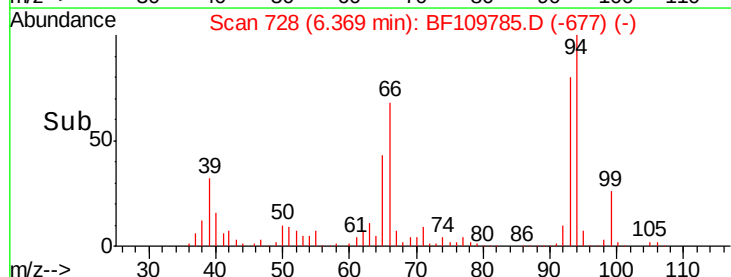
65 54.1 41.0 61.4

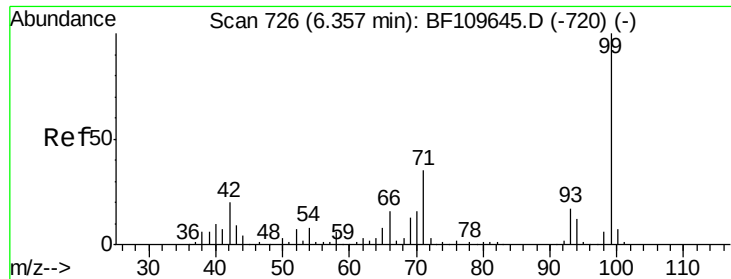


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 79.484 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF109785.D

Acq: 11 Oct 2018 14:24

Instrument :

BNA_F

ClientSampleId :

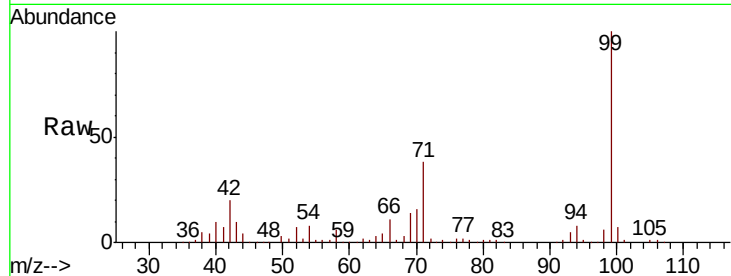
Tot Ion: 99 Resp: 675640

Ion Ratio Lower Upper

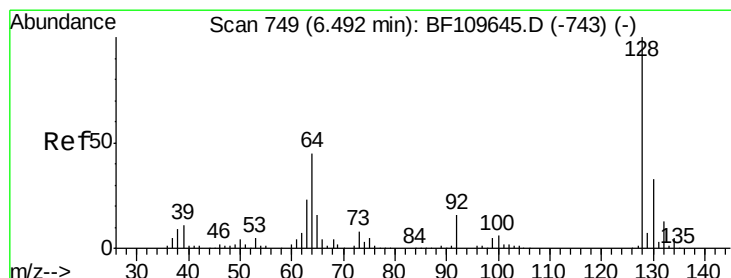
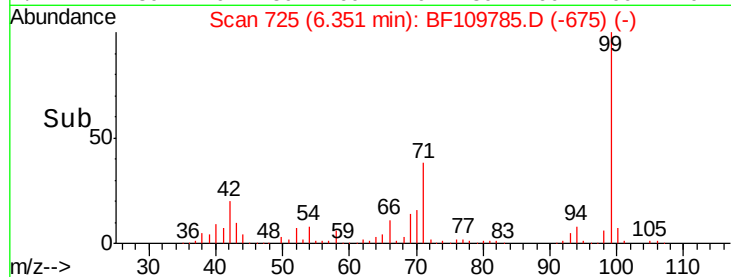
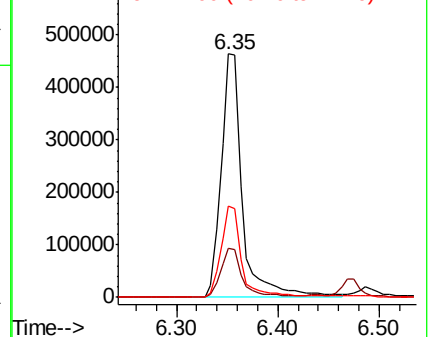
99 100

42 20.3 15.8 23.6

71 37.7 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: 40.148 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF109785.D

Acq: 11 Oct 2018 14:24

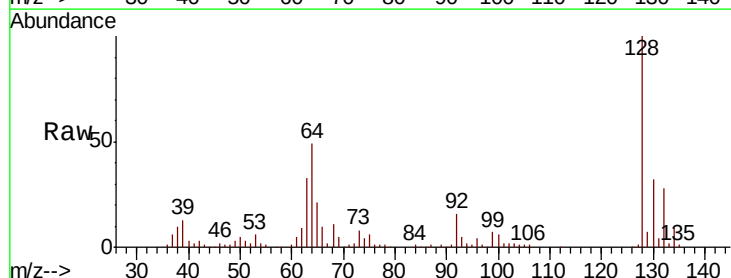
Tgt Ion: 128 Resp: 314185

Ion Ratio Lower Upper

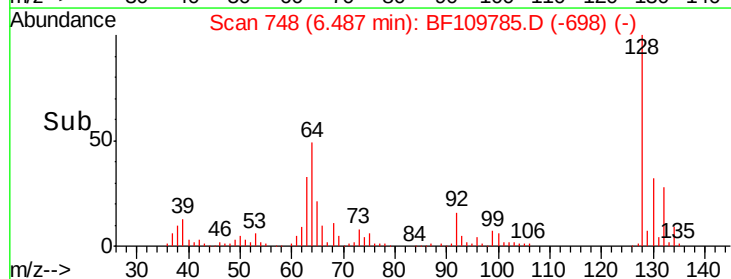
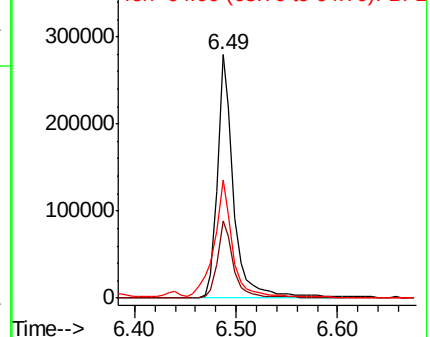
128 100

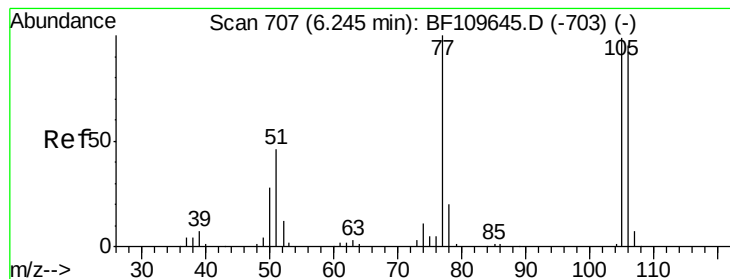
130 31.6 13.1 53.1

64 48.6 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: 38.999 ng

RT: 6.25 min Scan# 707

Delta R.T. 0.00 min

Lab File: BF109785.D

Acq: 11 Oct 2018 14:24

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ClientSampleId :

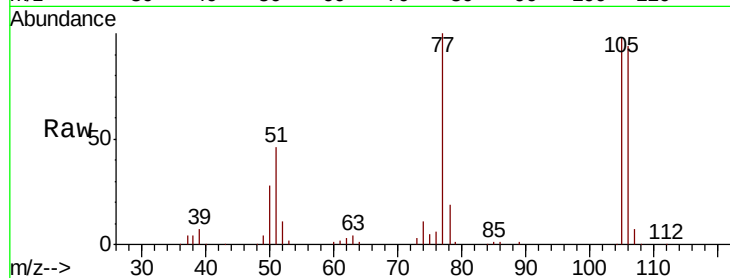
Tot Ion: 77 Resp: 213322

Ion Ratio Lower Upper

77 100

105 98.2 78.6 118.6

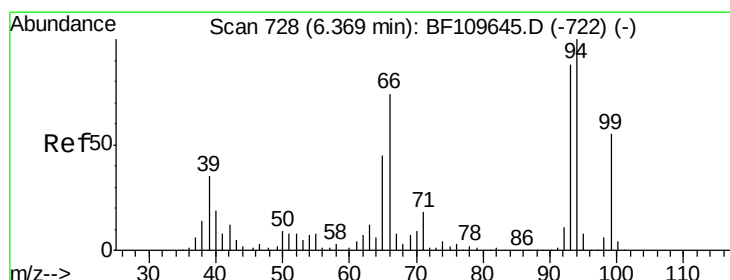
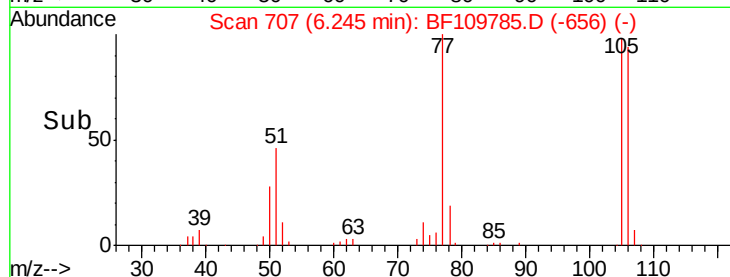
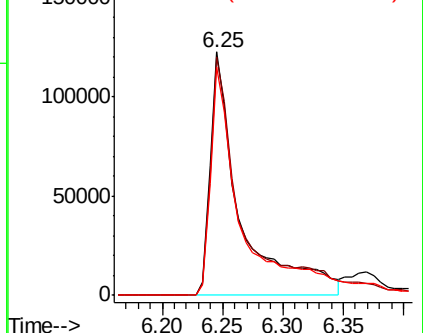
106 94.0 74.8 114.8



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: 37.609 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF109785.D

Acq: 11 Oct 2018 14:24

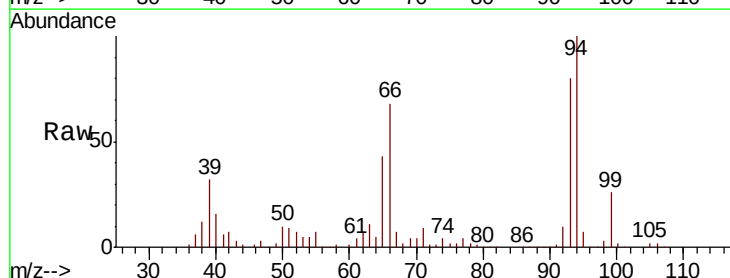
Tgt Ion: 94 Resp: 366582

Ion Ratio Lower Upper

94 100

65 43.2 25.3 65.3

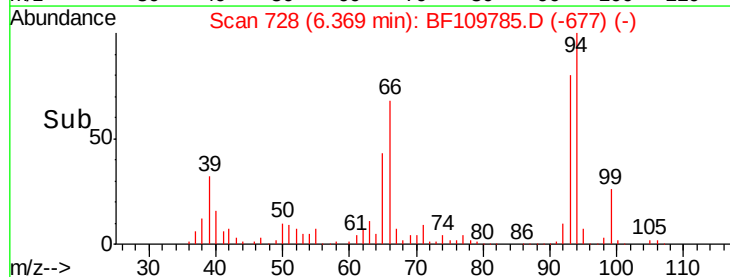
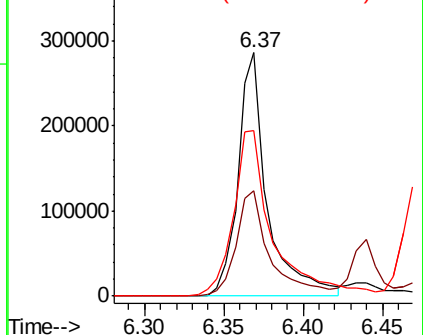
66 67.8 54.5 94.5

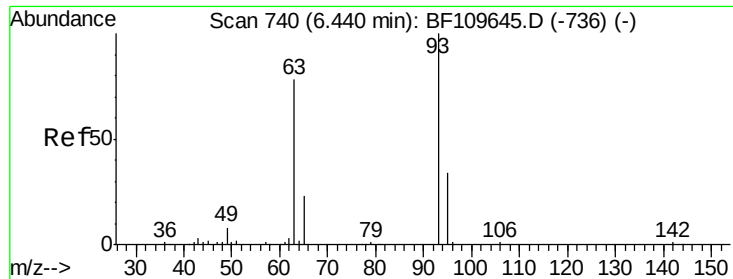


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

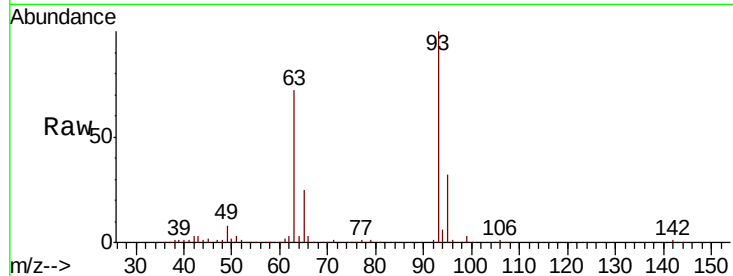




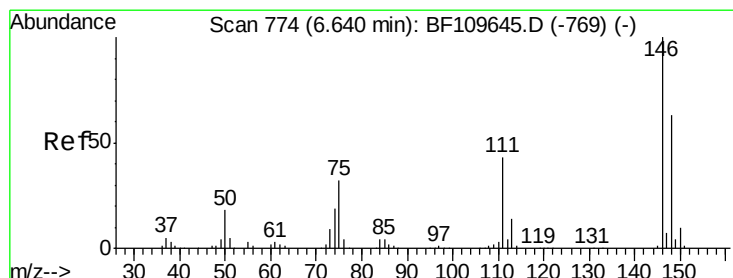
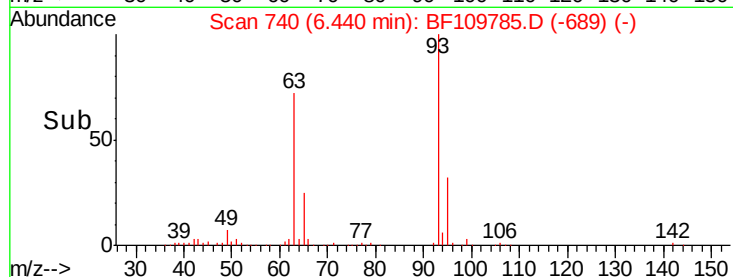
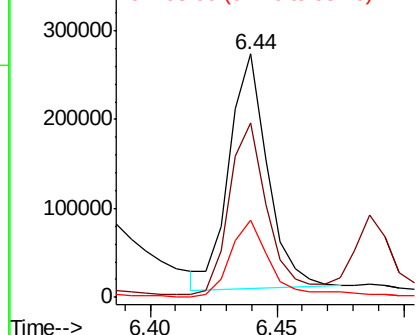
#11
bis(2-Chloroethyl)ether
Concen: 34.332 ng
RT: 6.44 min Scan# 740
Delta R.T. 0.00 min
Lab File: BF109785.D
Acq: 11 Oct 2018 14:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 277434
Ion Ratio Lower Upper
93 100
63 71.8 53.4 93.4
95 31.7 12.1 52.1

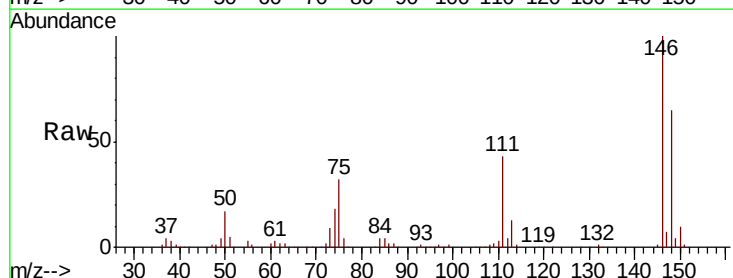


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

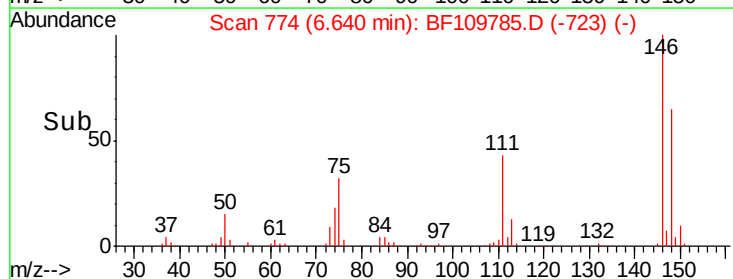
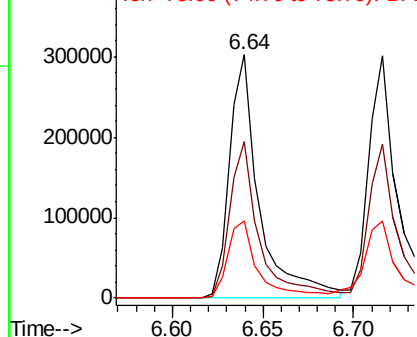


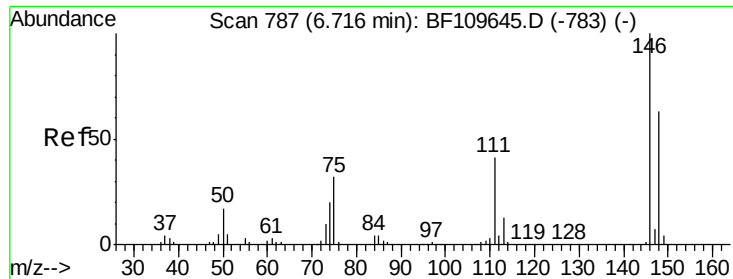
#12
1,3-Dichlorobenzene
Concen: 38.846 ng
RT: 6.64 min Scan# 774
Delta R.T. 0.00 min
Lab File: BF109785.D
Acq: 11 Oct 2018 14:24

Tgt Ion: 146 Resp: 347698
Ion Ratio Lower Upper
146 100
148 64.6 50.4 75.6
75 31.7 25.8 38.6



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1

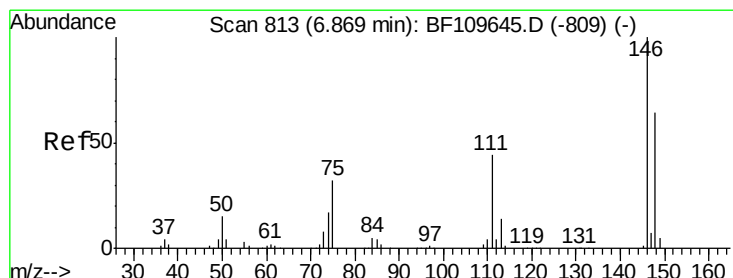
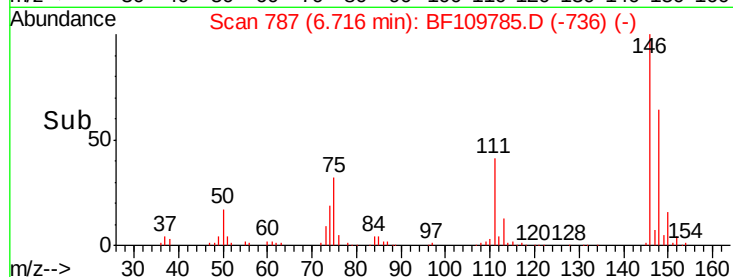
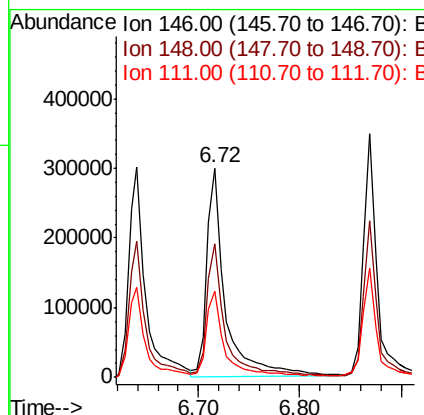
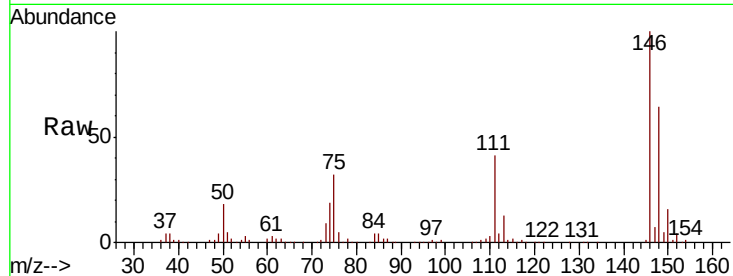




#13
 1,4-Dichlorobenzene
 Concen: 39.404 ng
 RT: 6.72 min Scan# 787
 Delta R.T. 0.00 min
 Lab File: BF109785.D
 Acq: 11 Oct 2018 14:24

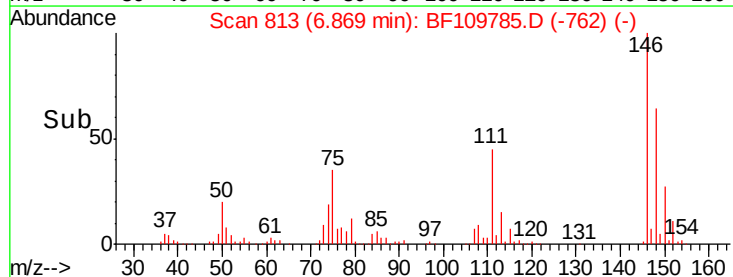
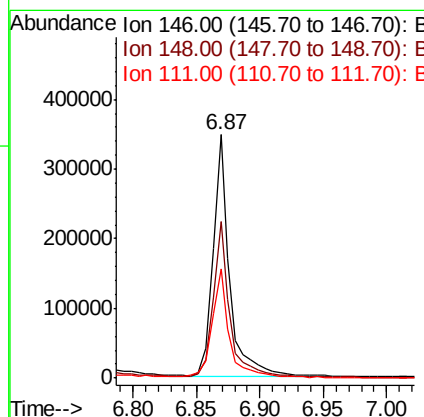
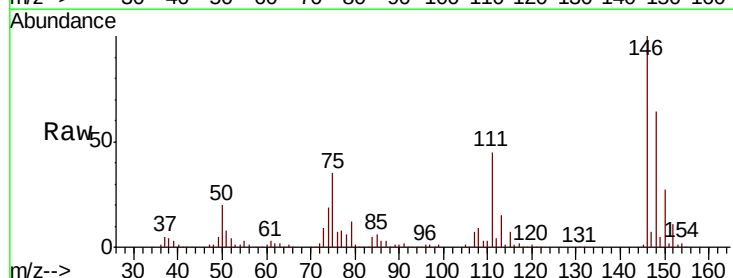
Instrument :
 BNA_F
 ClientSampled :

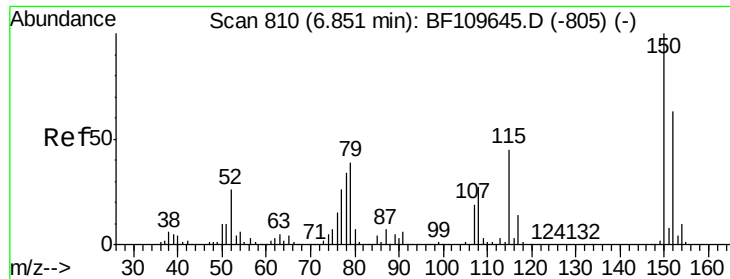
Tot Ion:146 Resp: 384458
 Ion Ratio Lower Upper
 146 100
 148 63.5 50.3 75.5
 111 41.3 32.7 49.1



#14
 1,2-Dichlorobenzene
 Concen: 37.356 ng
 RT: 6.87 min Scan# 813
 Delta R.T. 0.00 min
 Lab File: BF109785.D
 Acq: 11 Oct 2018 14:24

Tgt Ion:146 Resp: 320088
 Ion Ratio Lower Upper
 146 100
 148 64.5 51.1 76.7
 111 44.9 35.8 53.6

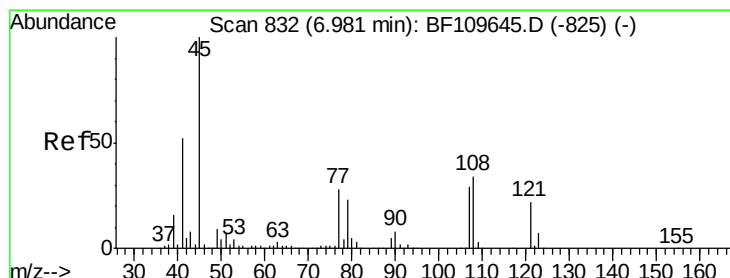
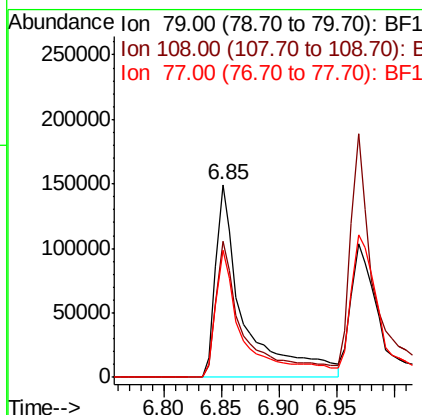
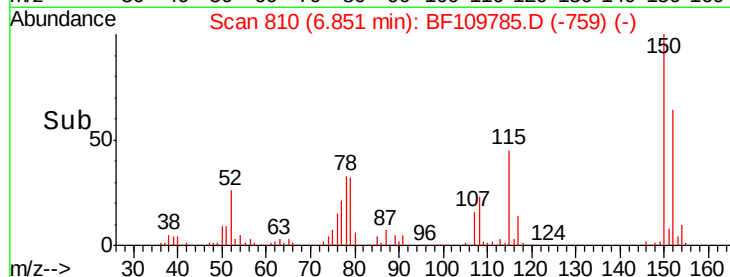
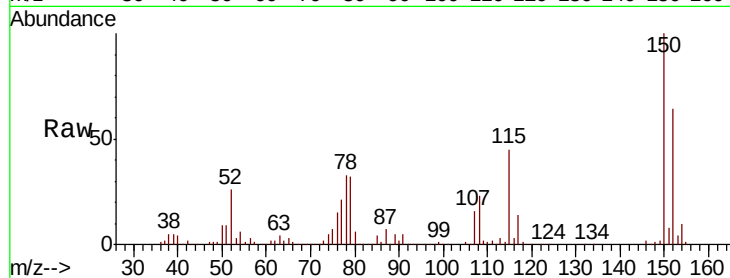




#15
Benzyl Alcohol
Concen: 40.245 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF109785.D
Acq: 11 Oct 2018 14:24

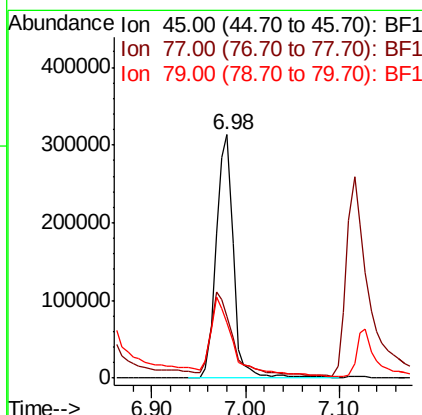
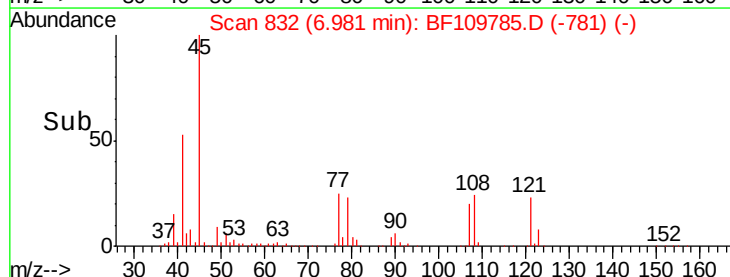
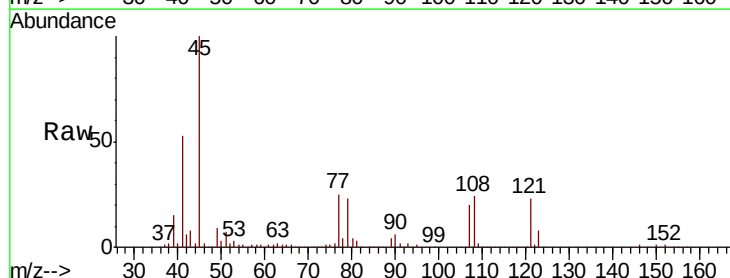
Instrument :
BNA_F
ClientSampled :

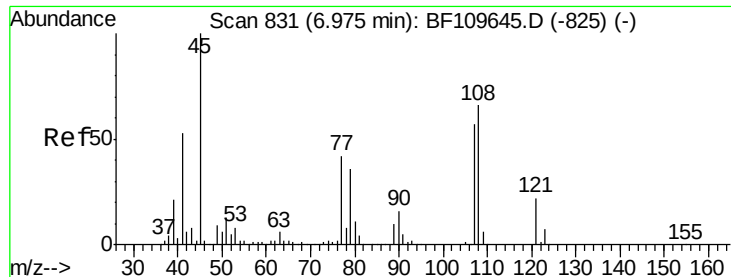
Tot Ion: 79 Resp: 253613
Ion Ratio Lower Upper
79 100
108 70.5 56.3 84.5
77 66.1 52.9 79.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.701 ng
RT: 6.98 min Scan# 832
Delta R.T. 0.00 min
Lab File: BF109785.D
Acq: 11 Oct 2018 14:24

Tgt Ion: 45 Resp: 403973
Ion Ratio Lower Upper
45 100
77 25.3 10.0 50.0
79 22.6 6.1 46.1





#17

2-Methylphenol

Concen: 39.129 ng

RT: 6.97 min Scan# 830

Delta R.T. -0.01 min

Lab File: BF109785.D

Acq: 11 Oct 2018 14:24

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 242147

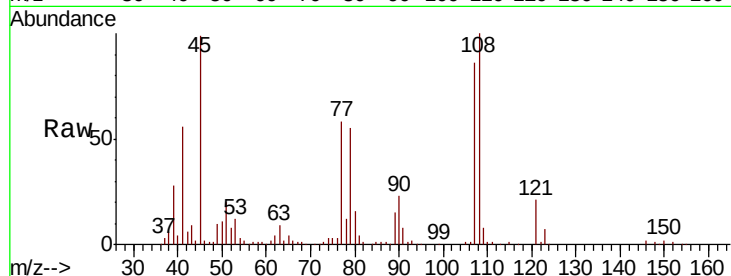
Ion Ratio Lower Upper

107 100

108 115.7 92.6 138.8

77 67.5 59.4 89.2

79 63.6 54.0 81.0

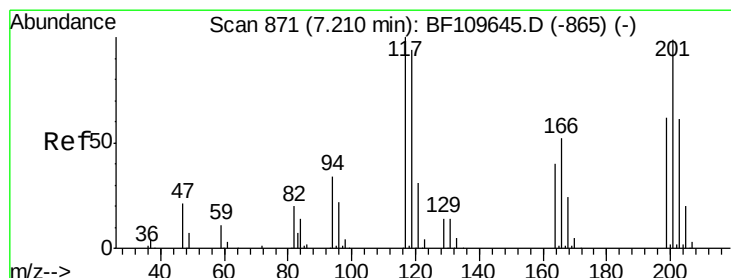
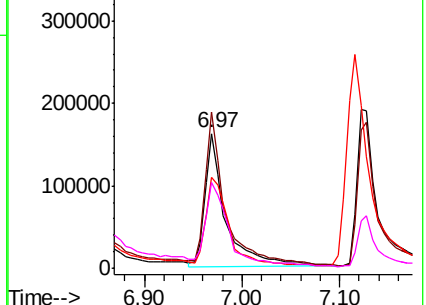
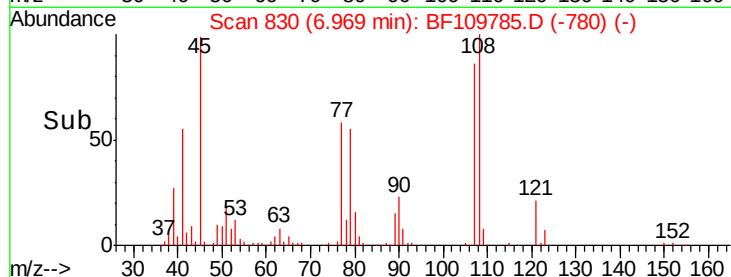


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 39.338 ng

RT: 7.20 min Scan# 870

Delta R.T. -0.01 min

Lab File: BF109785.D

Acq: 11 Oct 2018 14:24

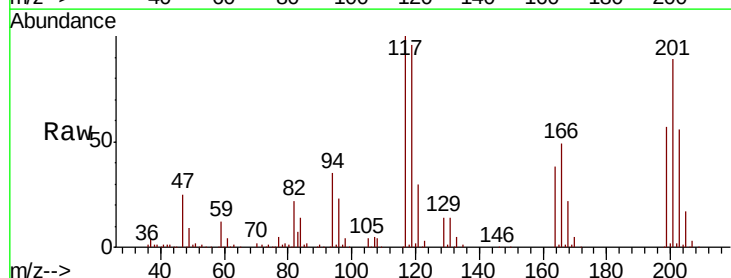
Tgt Ion:117 Resp: 135664

Ion Ratio Lower Upper

117 100

119 95.6 75.0 112.6

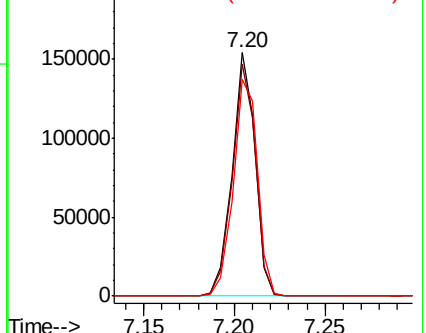
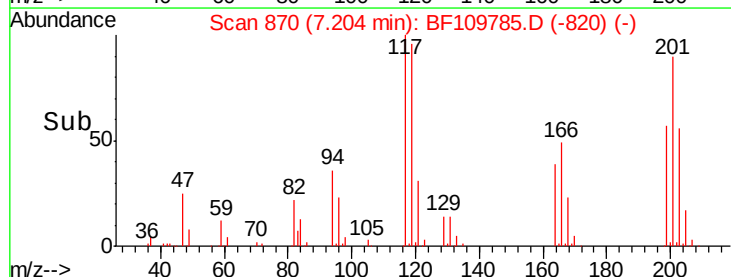
201 89.0 79.2 118.8

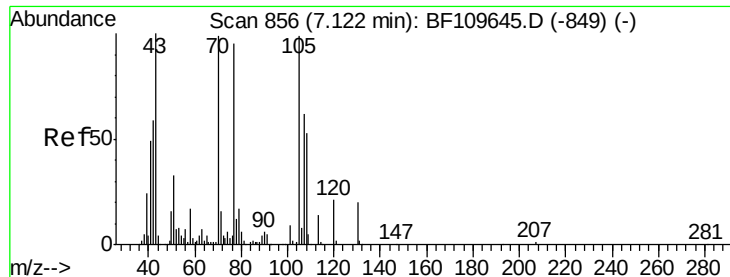


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

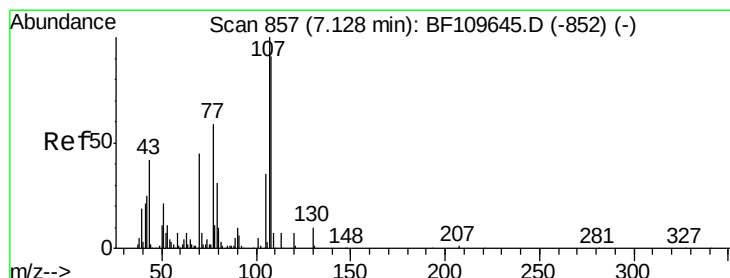
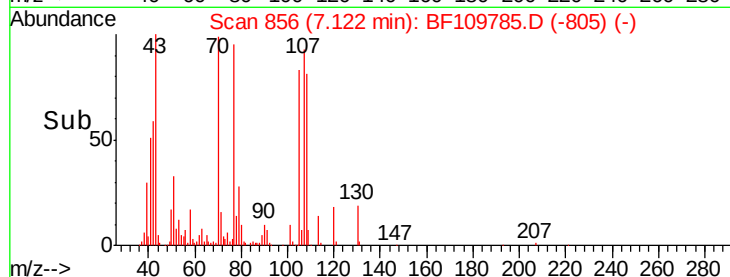
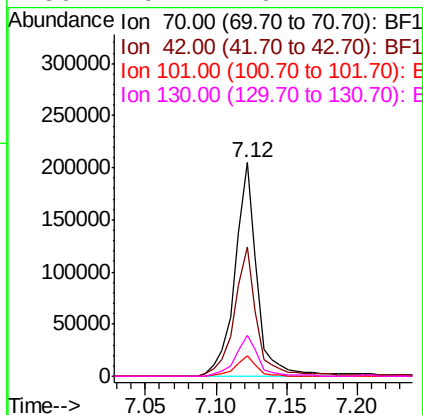
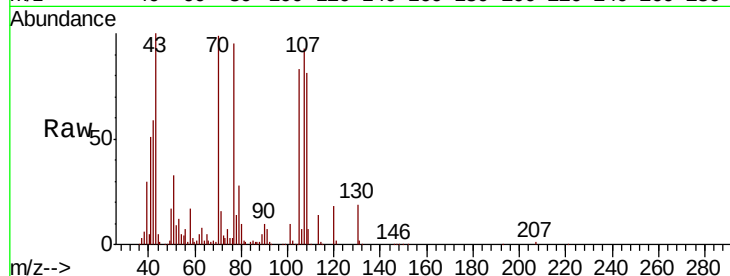




#19
n-Nitroso-di-n-propylamine
Concen: 37.358 ng
RT: 7.12 min Scan# 856
Delta R.T. 0.00 min
Lab File: BF109785.D
Acq: 11 Oct 2018 14:24

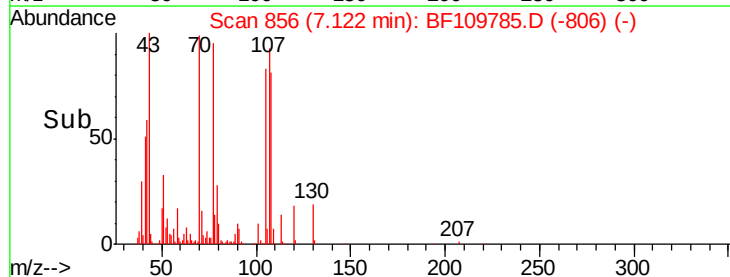
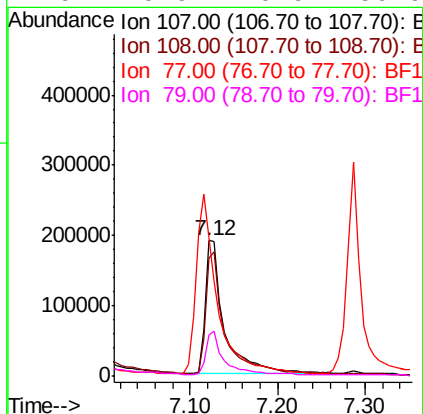
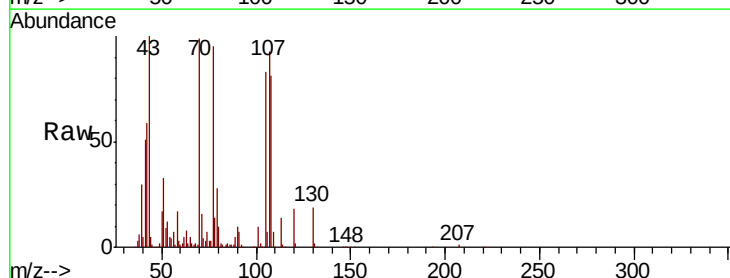
Instrument :
BNA_F
ClientSampleId :

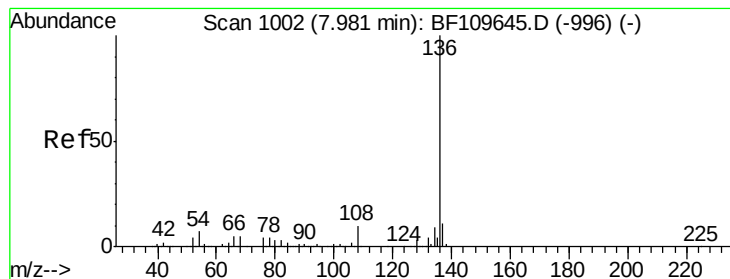
Tot Ion:	70	Resp:	222690
Ion	Ratio	Lower	Upper
70	100		
42	60.4	47.4	71.2
101	9.8	7.3	10.9
130	19.2	16.2	24.2



#20
3+4-Methylphenols
Concen: 38.258 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF109785.D
Acq: 11 Oct 2018 14:24

Tgt Ion:	107	Resp:	291739
Ion	Ratio	Lower	Upper
107	100		
108	86.9	71.4	111.4
77	102.5	47.3	87.3#
79	29.9	10.9	50.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.98 min Scan# 1002

Delta R.T. 0.00 min

Lab File: BF109785.D

Acq: 11 Oct 2018 14:24

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 470442

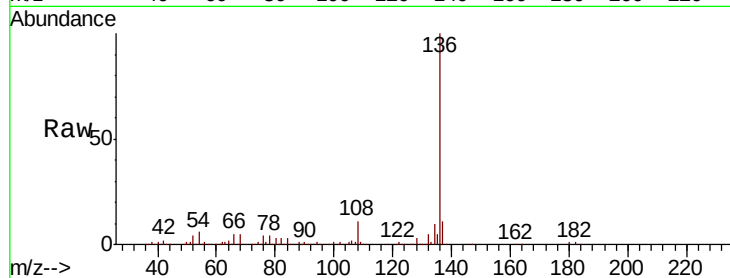
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 6.5 5.4 8.2

68 4.9 4.2 6.2

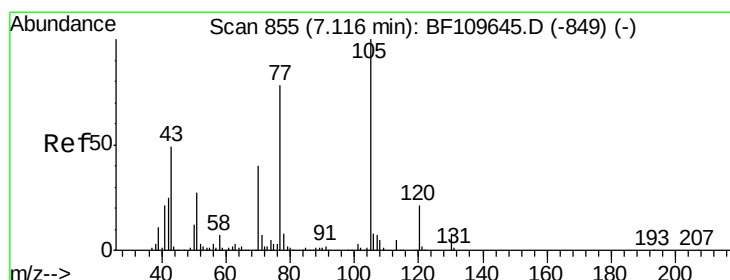
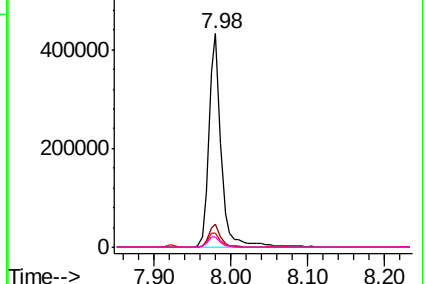
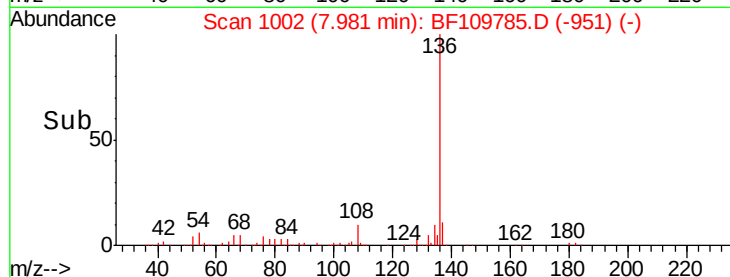


Abundance Ion 136.00 (135.70 to 136.70): E

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: 39.284 ng

RT: 7.12 min Scan# 855

Delta R.T. 0.00 min

Lab File: BF109785.D

Acq: 11 Oct 2018 14:24

Tgt Ion:105 Resp: 446906

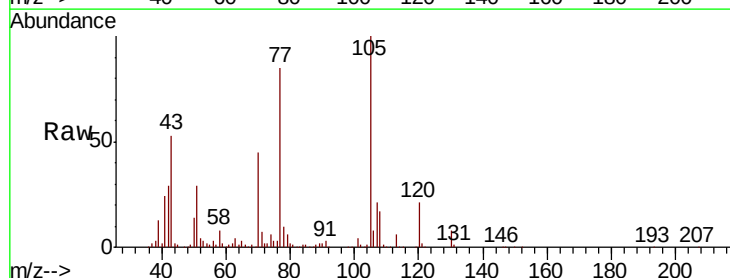
Ion Ratio Lower Upper

105 100

71 7.2 5.2 7.8

51 29.2 21.8 32.8

120 20.7 17.0 25.4

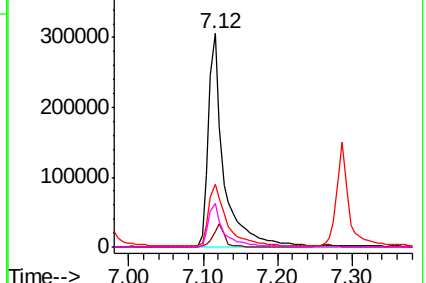
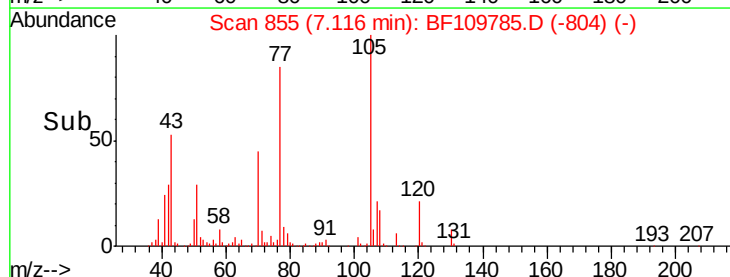


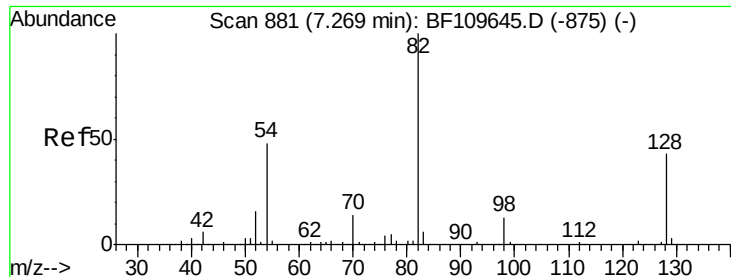
Abundance Ion 105.00 (104.70 to 105.70): E

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

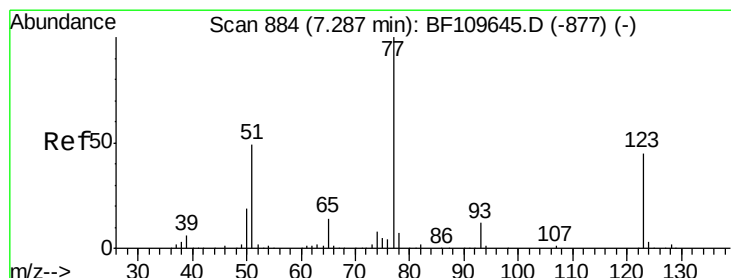
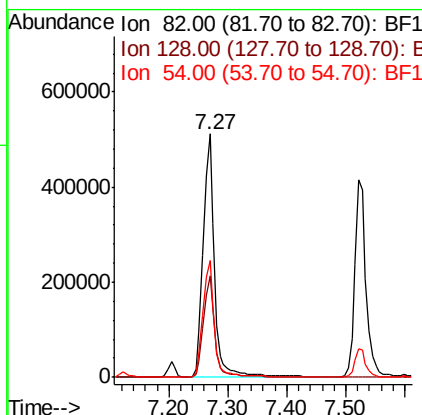
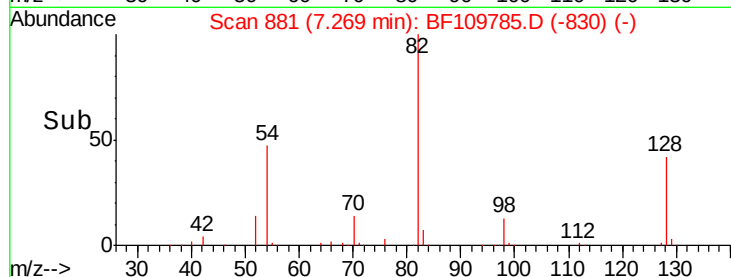
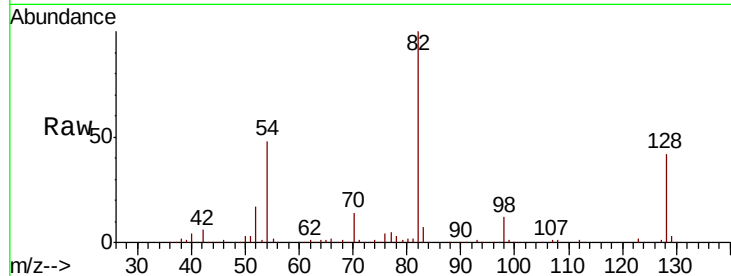




#23
 Nitrobenzene-d5
 Concen: 81.448 ng
 RT: 7.27 min Scan# 881
 Delta R.T. 0.00 min
 Lab File: BF109785.D
 Acq: 11 Oct 2018 14:24

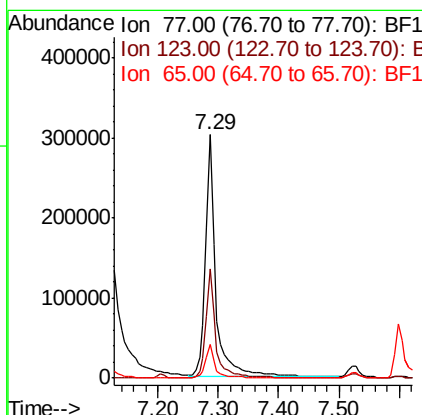
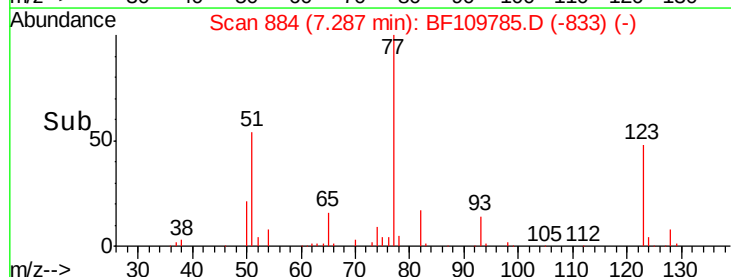
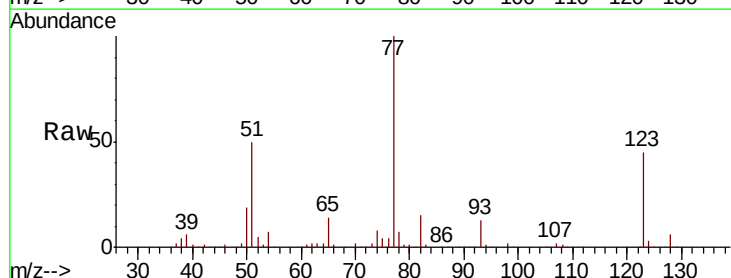
Instrument :
 BNA_F
 ClientSampleId :

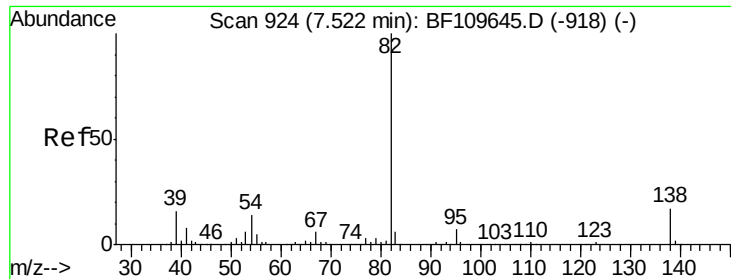
Tot Ion: 82 Resp: 695104
 Ion Ratio Lower Upper
 82 100
 128 41.7 34.2 51.2
 54 48.1 38.6 58.0



#24
 Nitrobenzene
 Concen: 40.958 ng
 RT: 7.29 min Scan# 884
 Delta R.T. 0.00 min
 Lab File: BF109785.D
 Acq: 11 Oct 2018 14:24

Tgt Ion: 77 Resp: 363723
 Ion Ratio Lower Upper
 77 100
 123 44.7 35.7 53.5
 65 13.8 10.7 16.1

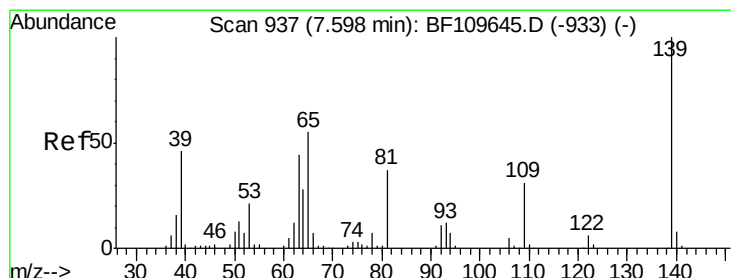
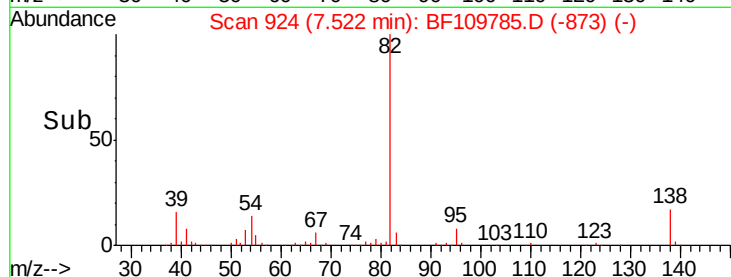
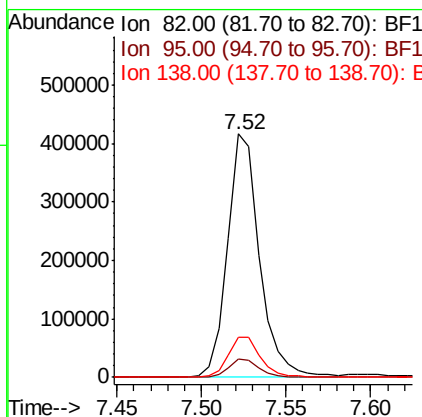
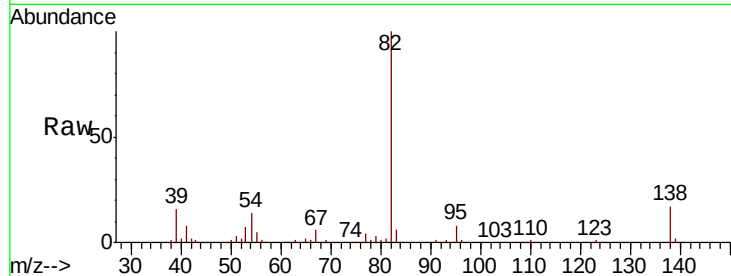




#25
Isophorone
Concen: 38.358 ng
RT: 7.52 min Scan# 924
Delta R.T. 0.00 min
Lab File: BF109785.D
Acq: 11 Oct 2018 14:24

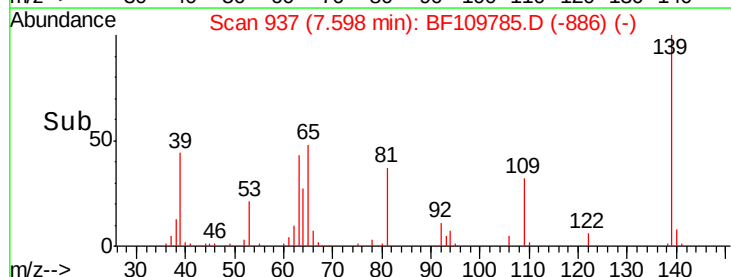
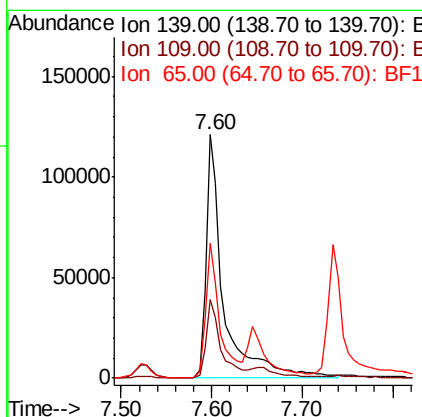
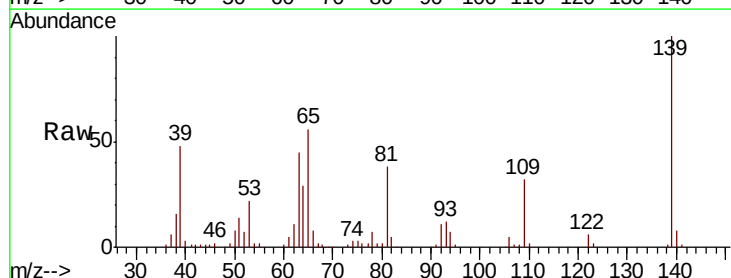
Instrument :
BNA_F
ClientSampled :

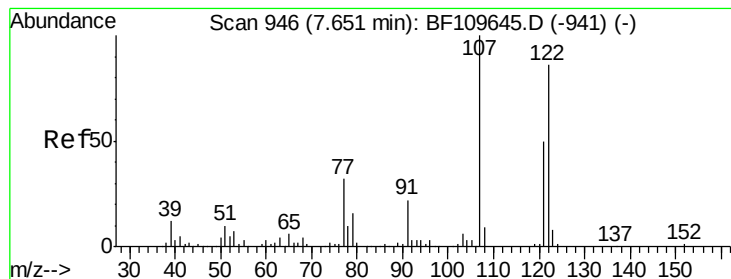
Tot Ion: 82 Resp: 543600
Ion Ratio Lower Upper
82 100
95 7.6 5.7 8.5
138 16.6 13.2 19.8



#26
2-Nitrophenol
Concen: 39.808 ng
RT: 7.60 min Scan# 937
Delta R.T. 0.00 min
Lab File: BF109785.D
Acq: 11 Oct 2018 14:24

Tgt Ion: 139 Resp: 165353
Ion Ratio Lower Upper
139 100
109 32.1 25.0 37.6
65 55.6 44.0 66.0





#27

2,4-Dimethylphenol

Concen: 38.472 ng

RT: 7.65 min Scan# 945

Delta R.T. -0.01 min

Lab File: BF109785.D

Acq: 11 Oct 2018 14:24

Instrument :

BNA_F

ClientSampled :

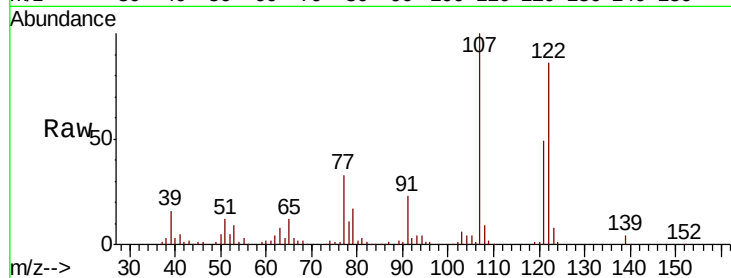
Tot Ion:122 Resp: 230768

Ion Ratio Lower Upper

122 100

107 115.9 92.5 138.7

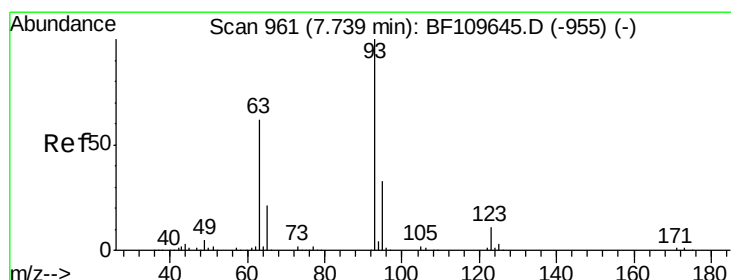
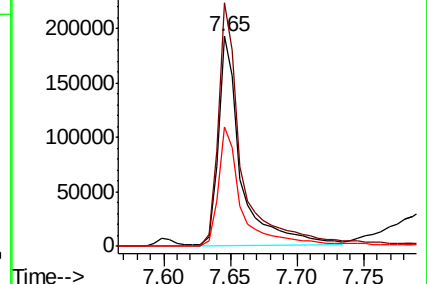
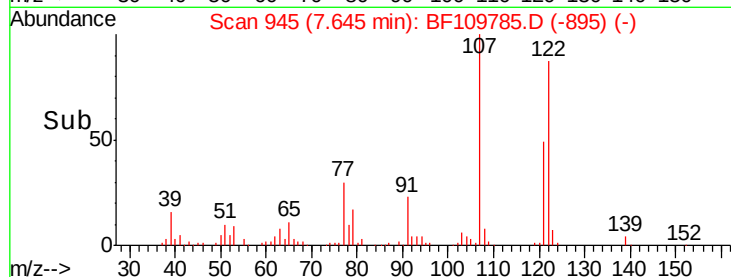
121 56.7 45.8 68.8



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: 39.332 ng

RT: 7.73 min Scan# 960

Delta R.T. -0.01 min

Lab File: BF109785.D

Acq: 11 Oct 2018 14:24

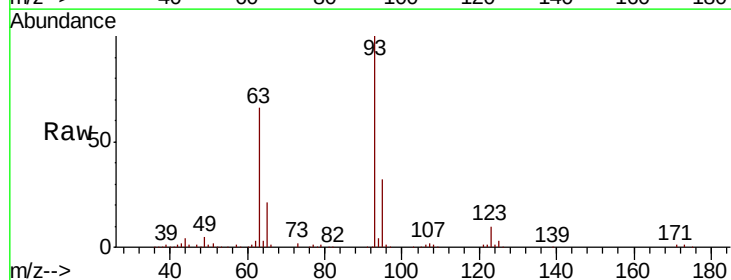
Tgt Ion: 93 Resp: 377036

Ion Ratio Lower Upper

93 100

95 32.2 26.4 39.6

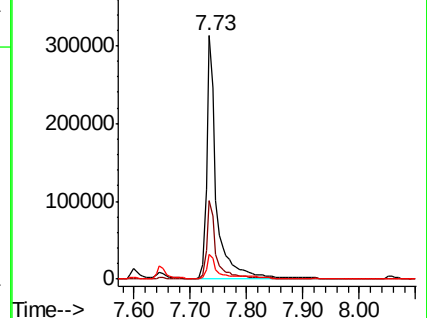
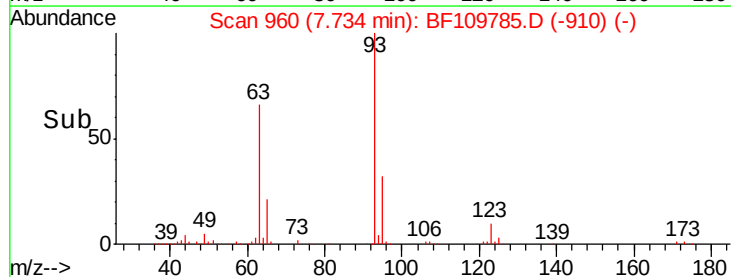
123 10.3 9.0 13.6

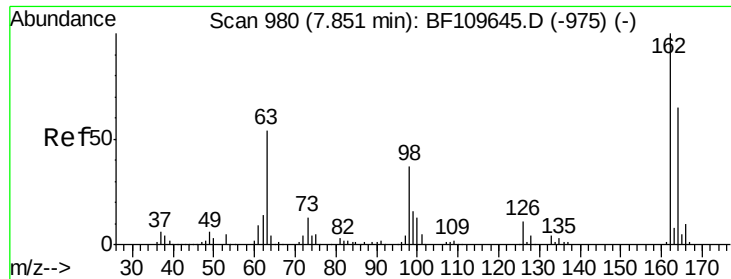


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

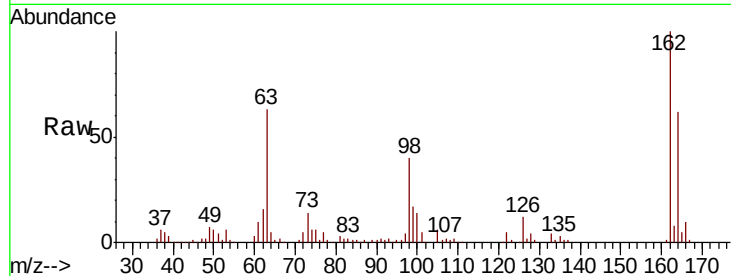




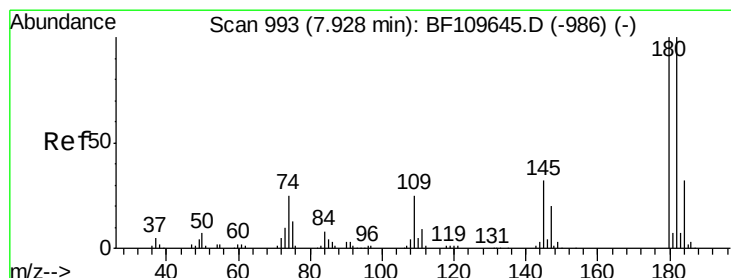
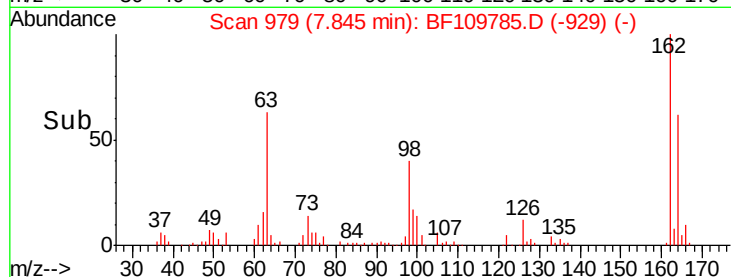
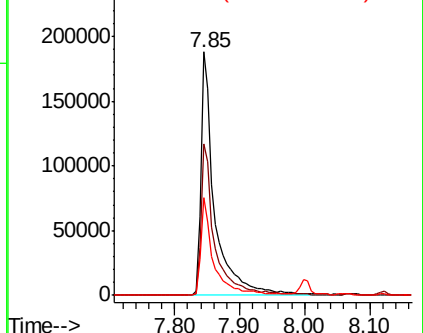
#29
2,4-Dichlorophenol
Concen: 40.790 ng
RT: 7.85 min Scan# 979
Delta R.T. -0.01 min
Lab File: BF109785.D
Acq: 11 Oct 2018 14:24

Instrument :
BNA_F
ClientSampled :

Tot Ion:162 Resp: 274442
Ion Ratio Lower Upper
162 100
164 62.2 44.6 84.6
98 40.0 17.4 57.4

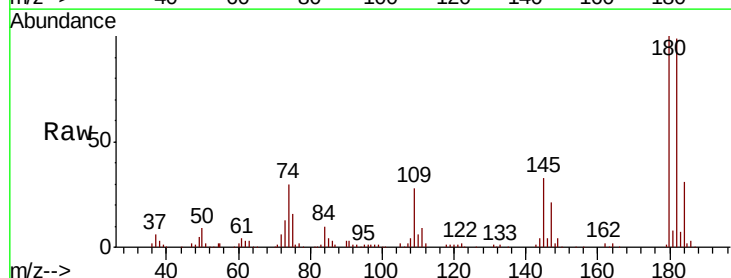


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

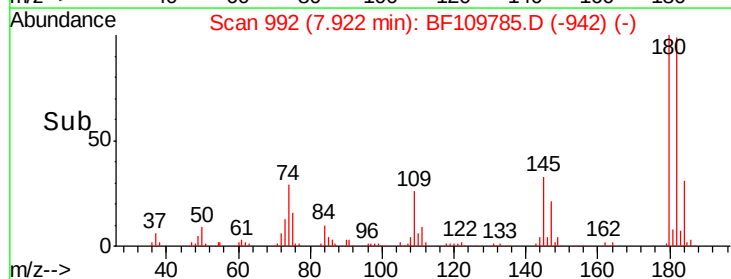
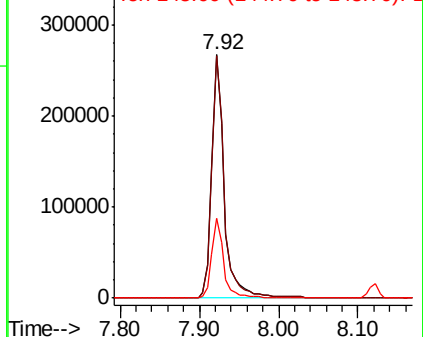


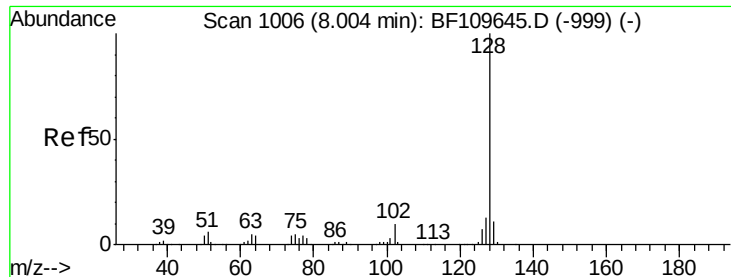
#30
1,2,4-Trichlorobenzene
Concen: 39.314 ng
RT: 7.92 min Scan# 992
Delta R.T. -0.01 min
Lab File: BF109785.D
Acq: 11 Oct 2018 14:24

Tgt Ion:180 Resp: 292815
Ion Ratio Lower Upper
180 100
182 99.3 80.3 120.5
145 32.7 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

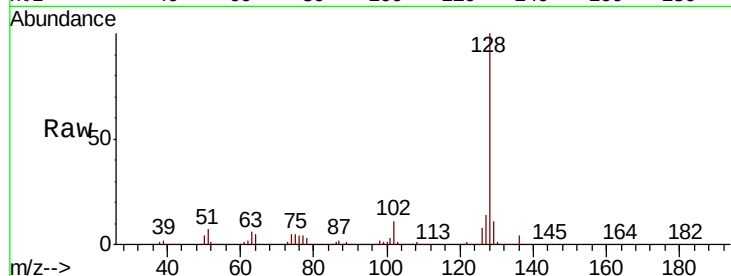




#31
Naphthalene
Concen: 37.990 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF109785.D
Acq: 11 Oct 2018 14:24

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.8	13.2
127	13.5	10.8	16.2

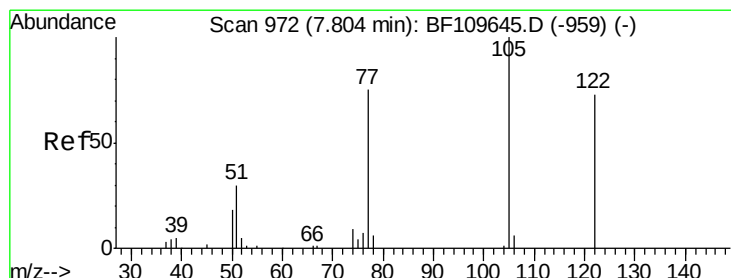
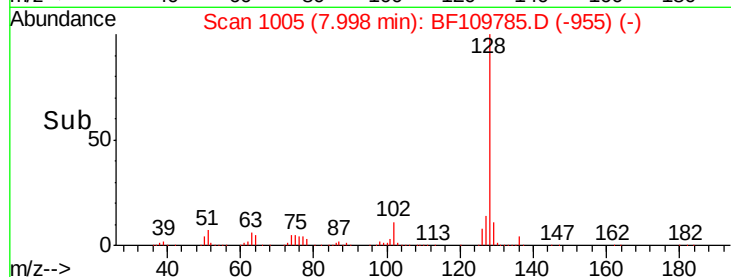
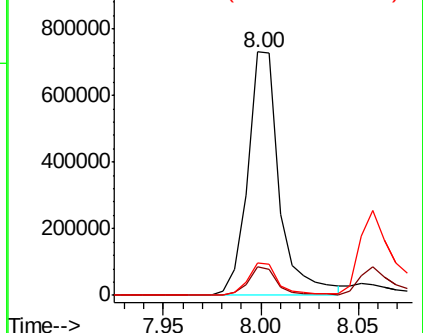


Abundance

Ion 128.00 (127.70 to 128.70): E

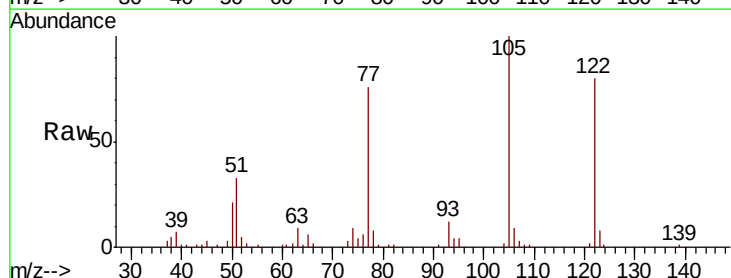
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 36.236 ng
RT: 7.81 min Scan# 973
Delta R.T. 0.01 min
Lab File: BF109785.D
Acq: 11 Oct 2018 14:24

Tgt Ion	Ratio	Lower	Upper
122	100		
105	125.7	109.0	149.0
77	94.9	79.0	119.0

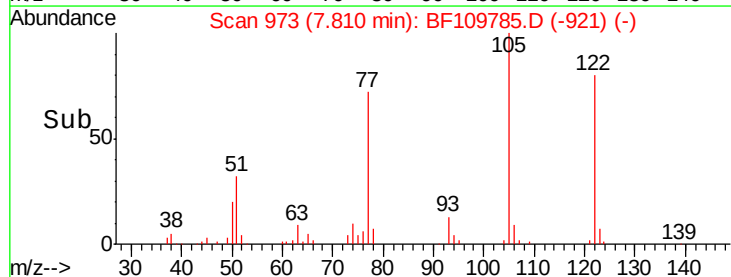
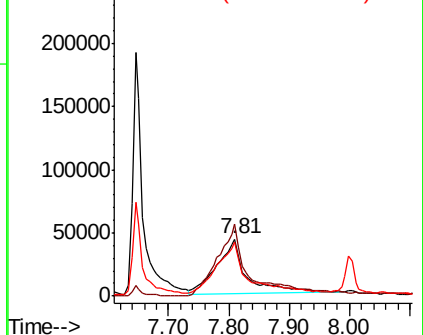


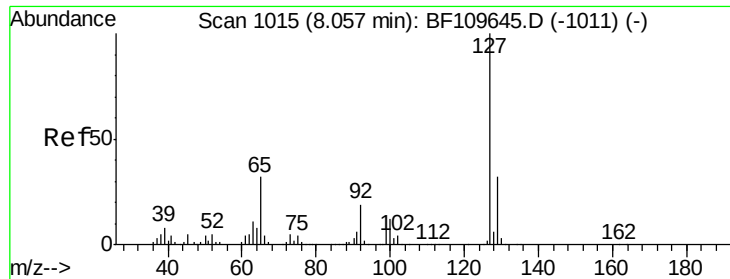
Abundance

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

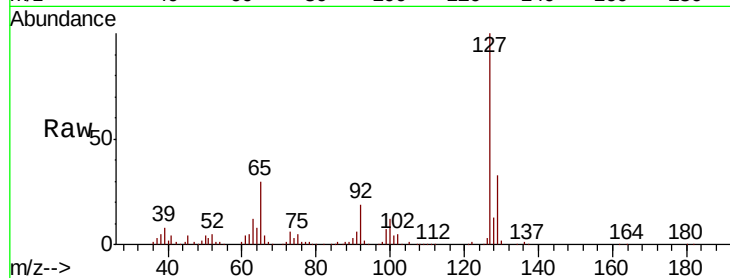




#33
4-Chloroaniline
Concen: 40.421 ng
RT: 8.06 min Scan# 1015
Delta R.T. 0.00 min
Lab File: BF109785.D
Acq: 11 Oct 2018 14:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	387275
Ion	Ratio	Lower	Upper
127	100		
129	33.2	26.0	39.0
65	30.3	25.1	37.7
92	19.1	15.0	22.6



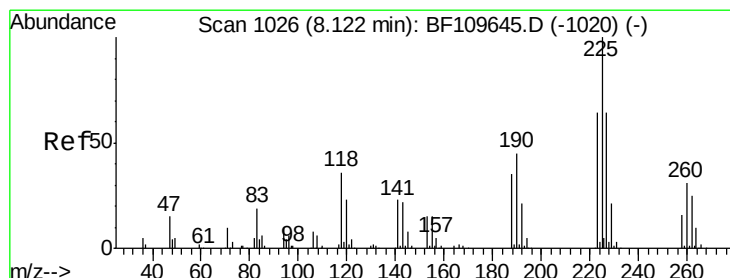
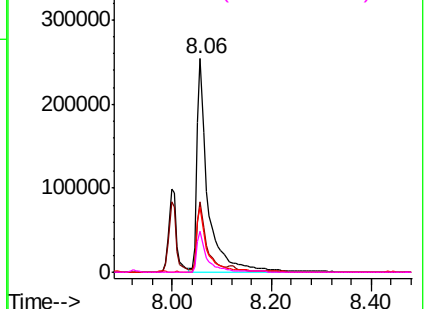
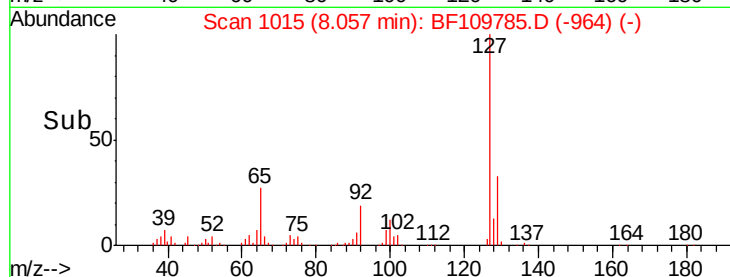
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

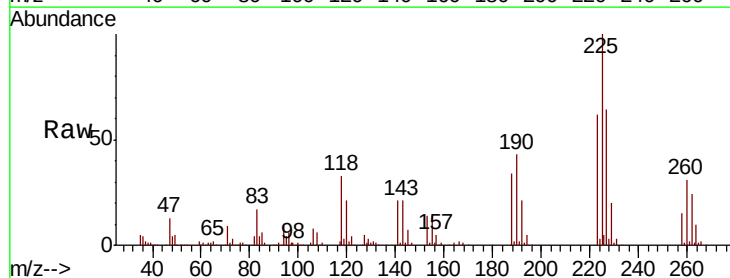
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 39.103 ng
RT: 8.12 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BF109785.D
Acq: 11 Oct 2018 14:24

Tgt Ion:	225	Resp:	181084
Ion	Ratio	Lower	Upper
225	100		
223	62.1	51.4	77.2
227	63.8	51.0	76.6

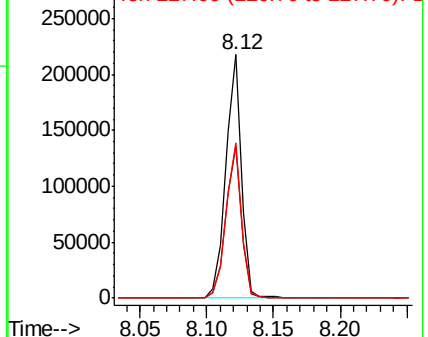
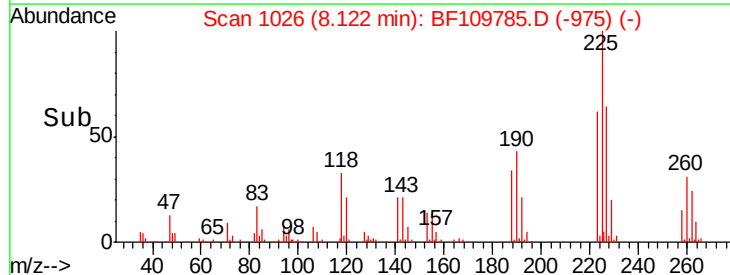


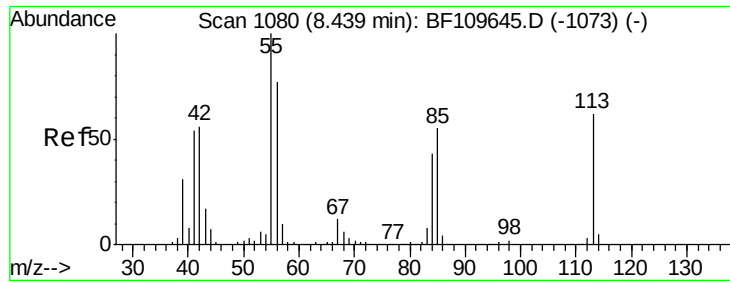
Abundance

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

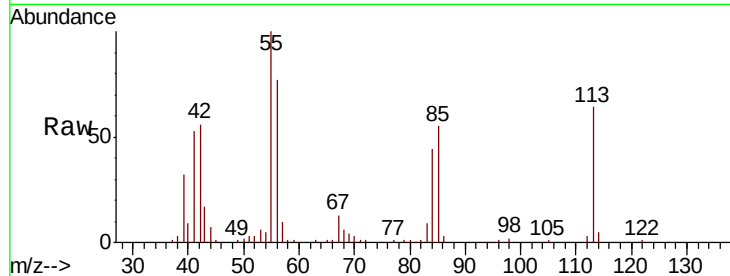




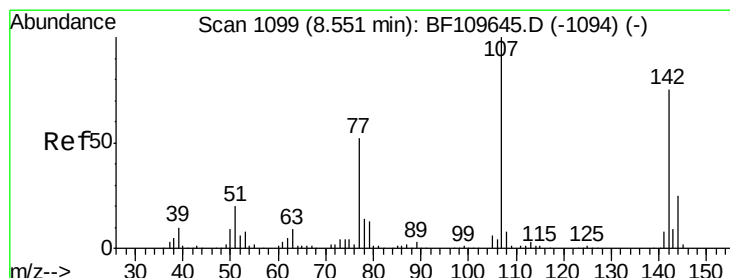
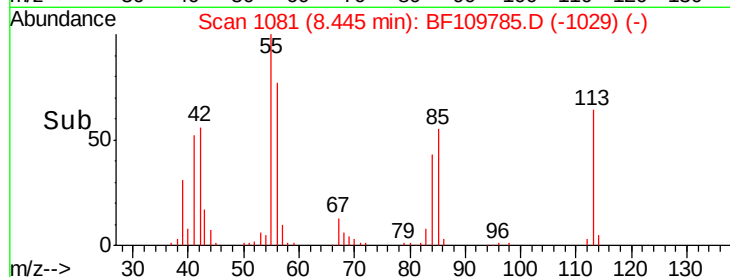
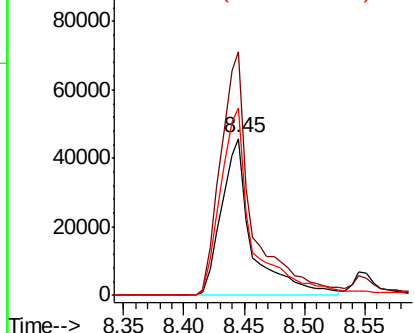
#35
 Caprolactam
 Concen: 39.897 ng
 RT: 8.45 min Scan# 1081
 Delta R.T. 0.01 min
 Lab File: BF109785.D
 Acq: 11 Oct 2018 14:24

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 80166
 Ion Ratio Lower Upper
 113 100
 55 155.2 142.8 182.8
 56 119.1 105.0 145.0

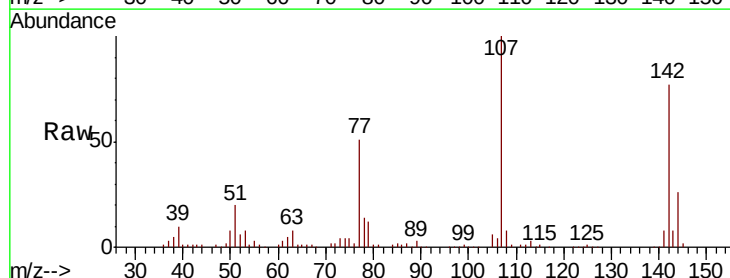


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

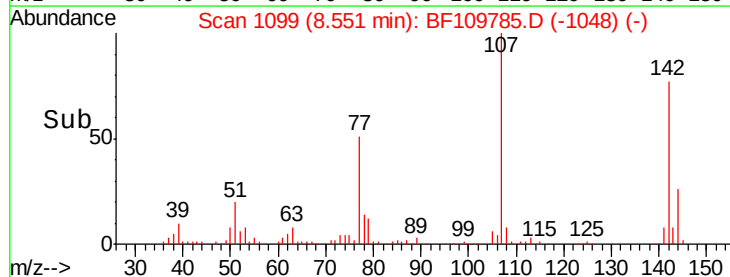
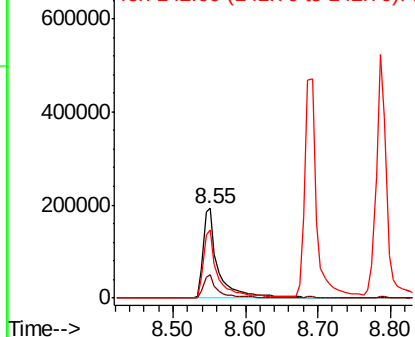


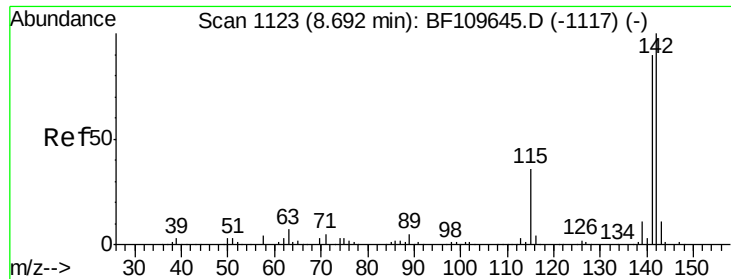
#36
 4-Chloro-3-methylphenol
 Concen: 39.945 ng
 RT: 8.55 min Scan# 1099
 Delta R.T. 0.00 min
 Lab File: BF109785.D
 Acq: 11 Oct 2018 14:24

Tgt Ion:107 Resp: 283696
 Ion Ratio Lower Upper
 107 100
 144 26.4 20.0 30.0
 142 76.7 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

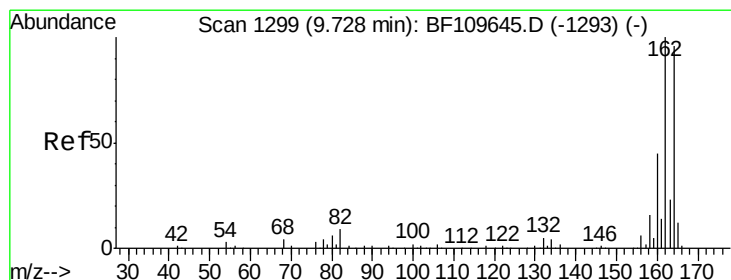
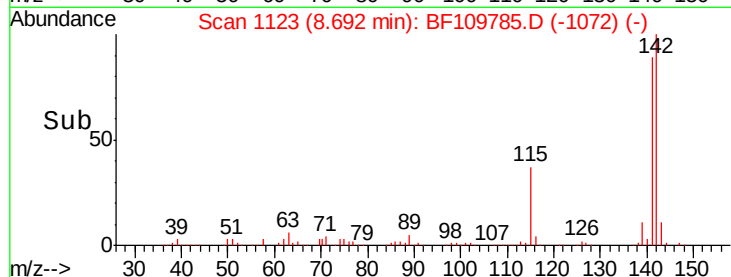
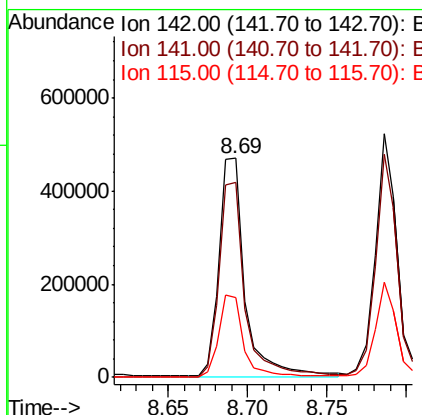
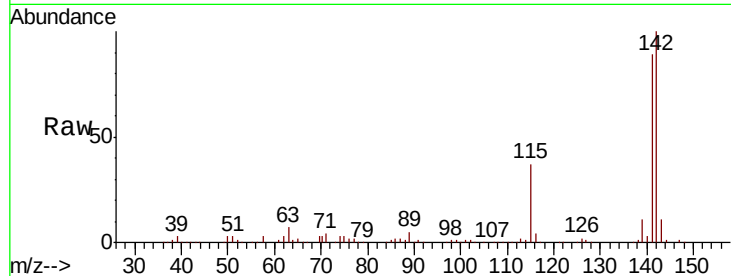




#37
 2-Methylnaphthalene
 Concen: 37.988 ng
 RT: 8.69 min Scan# 1123
 Delta R.T. 0.00 min
 Lab File: BF109785.D
 Acq: 11 Oct 2018 14:24

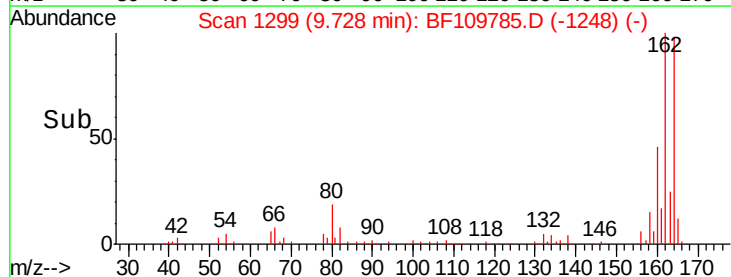
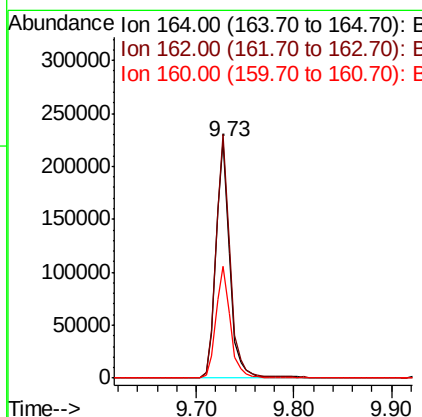
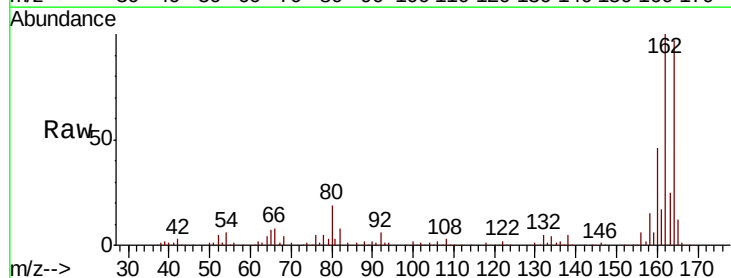
Instrument :
 BNA_F
 ClientSampleId :

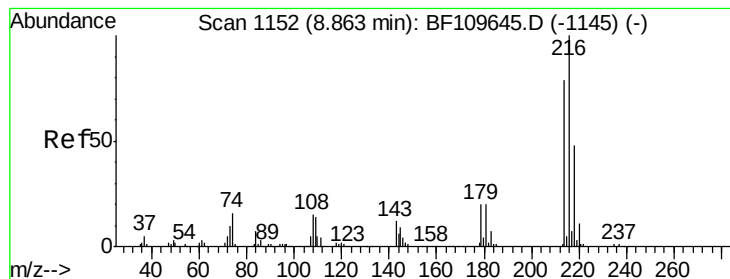
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.0	71.4	107.2
115	36.5	28.7	43.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1299
 Delta R.T. 0.00 min
 Lab File: BF109785.D
 Acq: 11 Oct 2018 14:24

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.7	83.0	124.6
160	46.9	37.0	55.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.545 ng

RT: 8.86 min Scan# 1151

Delta R.T. -0.01 min

Lab File: BF109785.D

Acq: 11 Oct 2018 14:24

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 297019

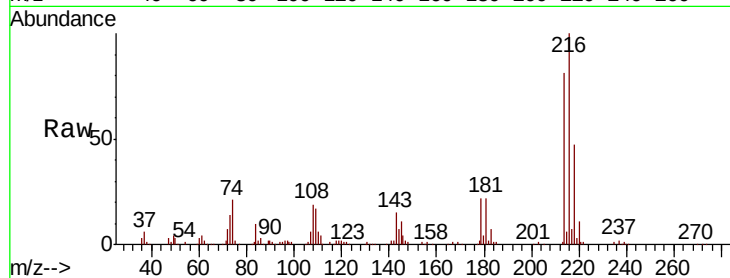
Ion Ratio Lower Upper

216 100

214 79.3 63.8 95.6

179 20.9 16.6 25.0

108 19.1 15.1 22.7

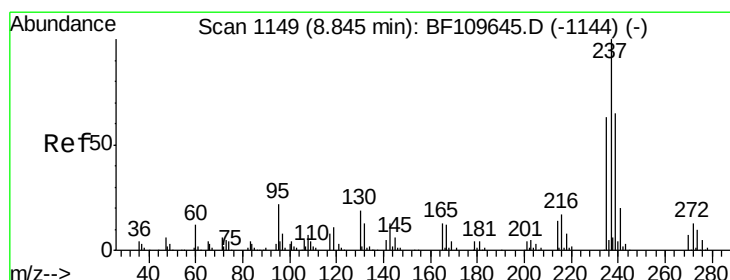
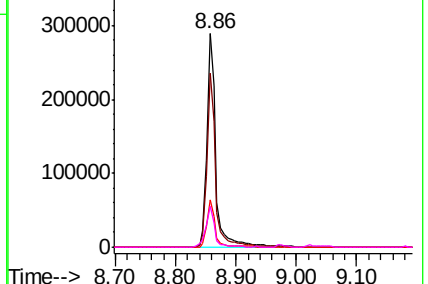
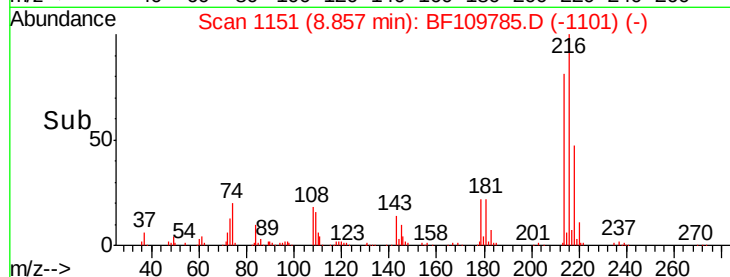


Abundance Ion 216.00 (215.70 to 216.70): E

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



#40

Hexachlorocyclopentadiene

Concen: 36.011 ng

RT: 8.85 min Scan# 1149

Delta R.T. 0.00 min

Lab File: BF109785.D

Acq: 11 Oct 2018 14:24

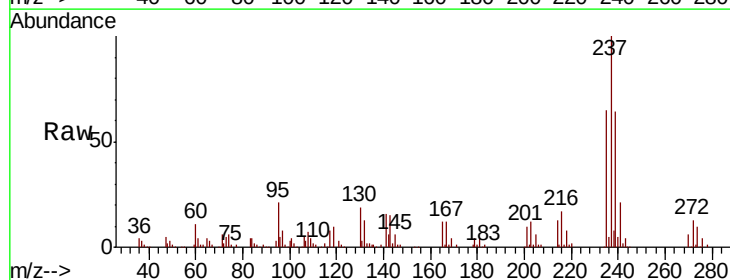
Tgt Ion:237 Resp: 104118

Ion Ratio Lower Upper

237 100

235 64.9 43.1 83.1

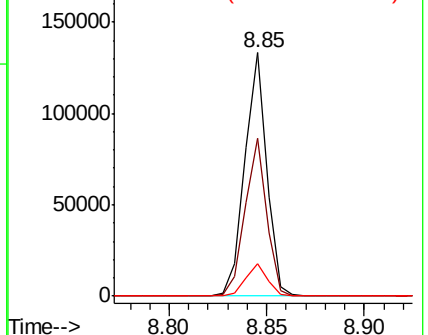
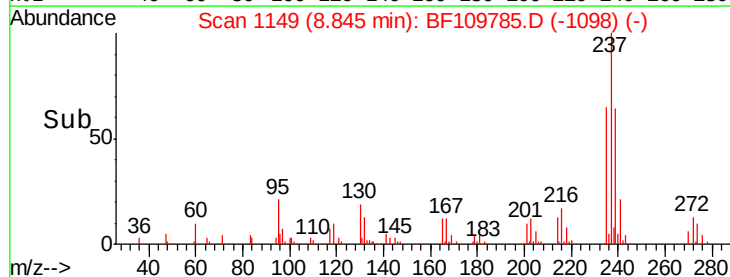
272 13.1 0.0 32.6

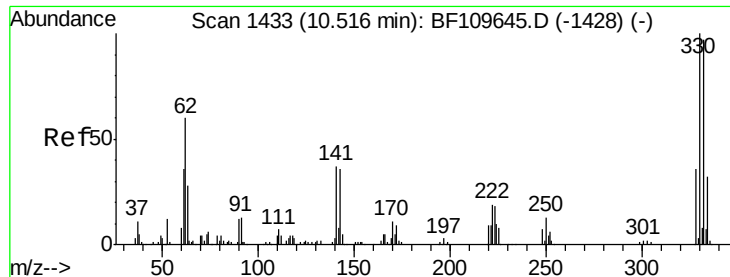


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

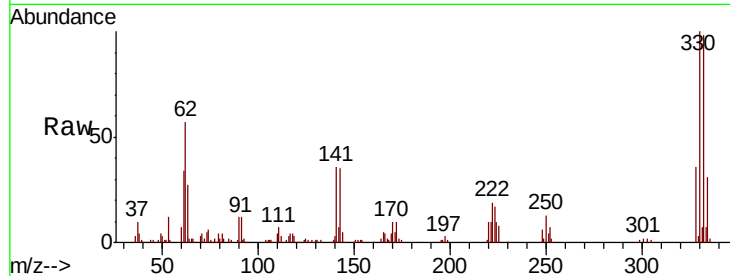




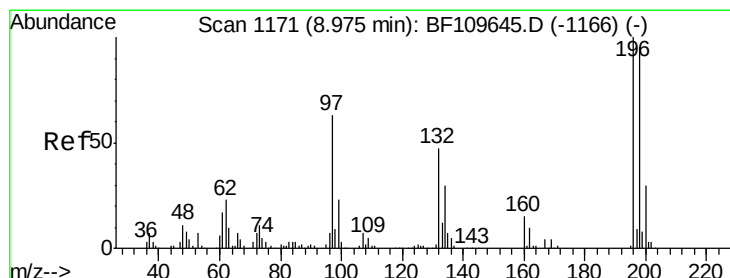
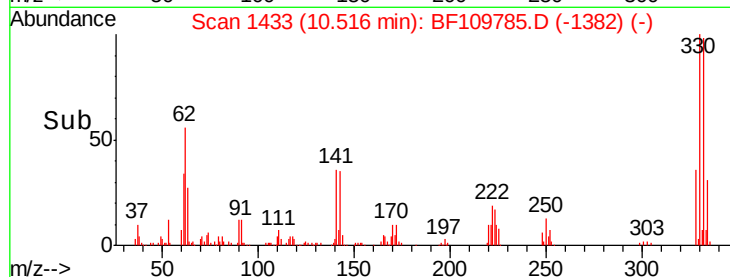
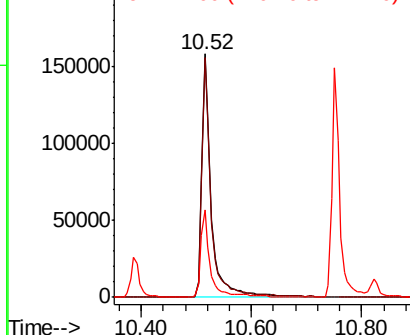
#41
 2,4,6-Tribromophenol
 Concen: 79.107 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. 0.00 min
 Lab File: BF109785.D
 Acq: 11 Oct 2018 14:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.1	115.7
141	33.9	27.0	40.4

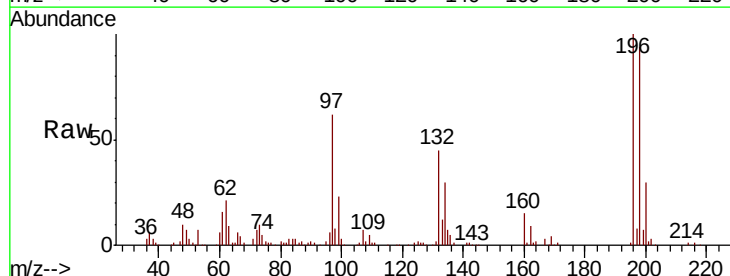


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

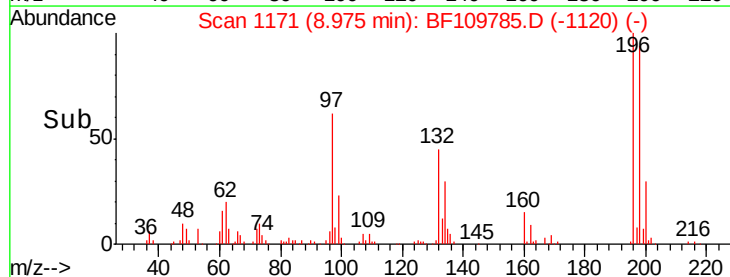
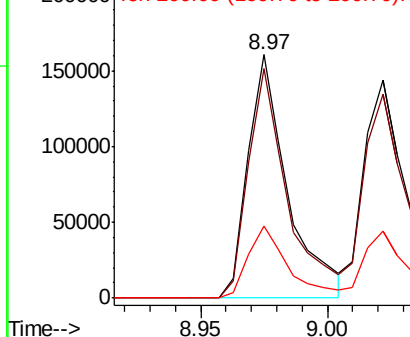


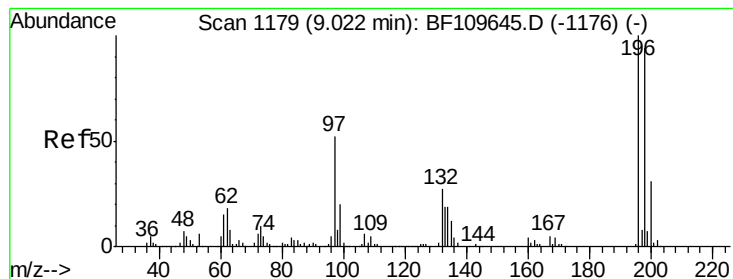
#42
 2,4,6-Trichlorophenol
 Concen: 38.987 ng
 RT: 8.97 min Scan# 1171
 Delta R.T. 0.00 min
 Lab File: BF109785.D
 Acq: 11 Oct 2018 14:24

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.4	76.2	114.4
200	29.8	24.4	36.6



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





#43

2,4,5-Trichlorophenol

Concen: 39.961 ng

RT: 9.02 min Scan# 1179

Delta R.T. 0.00 min

Lab File: BF109785.D

Acq: 11 Oct 2018 14:24

Instrument :

BNA_F

ClientSampleId :

Tot Ion:196 Resp: 206301

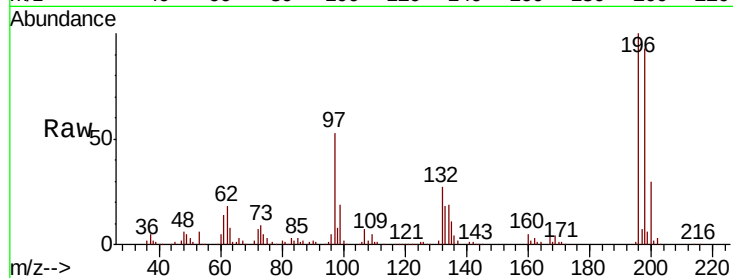
Ion Ratio Lower Upper

196 100

198 93.5 75.8 113.6

97 53.0 42.4 63.6

132 27.4 22.8 34.2

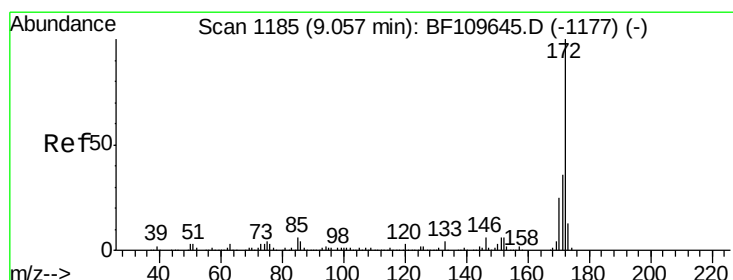
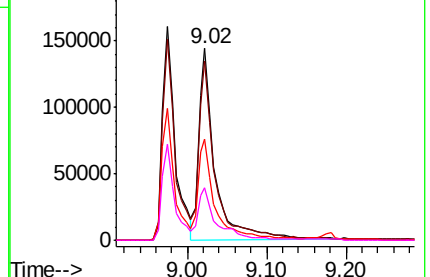
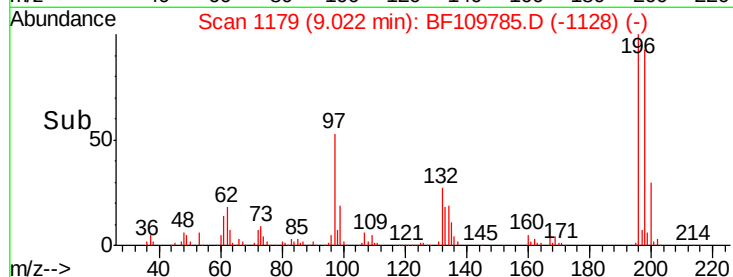


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44

2-Fluorobiphenyl

Concen: 76.379 ng

RT: 9.06 min Scan# 1185

Delta R.T. 0.00 min

Lab File: BF109785.D

Acq: 11 Oct 2018 14:24

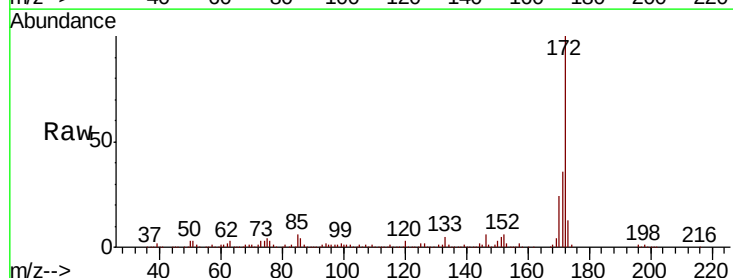
Tgt Ion:172 Resp: 1223662

Ion Ratio Lower Upper

172 100

171 35.8 28.6 43.0

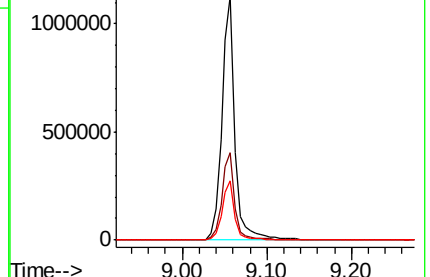
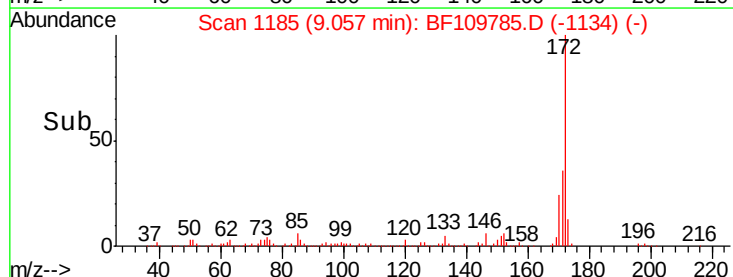
170 24.2 19.7 29.5

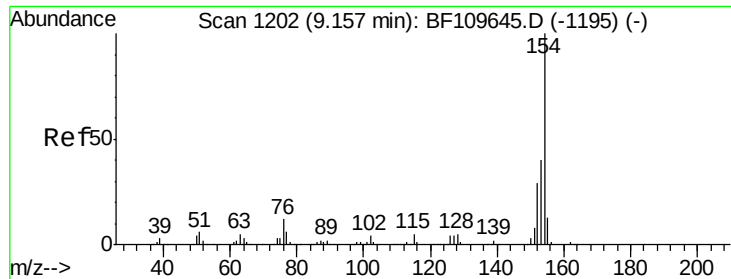


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

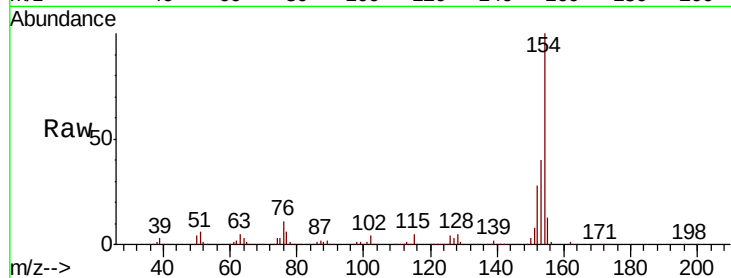




#45
 1,1'-Biphenyl
 Concen: 39.184 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: BF109785.D
 Acq: 11 Oct 2018 14:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.4	20.4	60.4
76	10.9	0.0	31.9

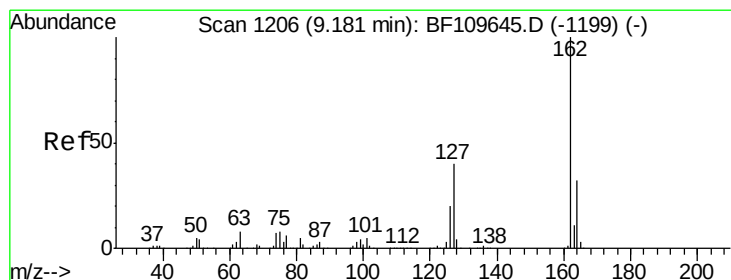
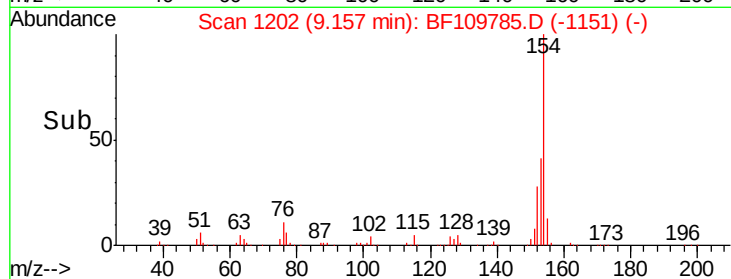
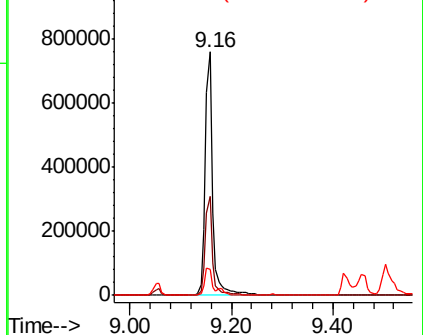


Abundance

Ion 154.00 (153.70 to 154.70): E

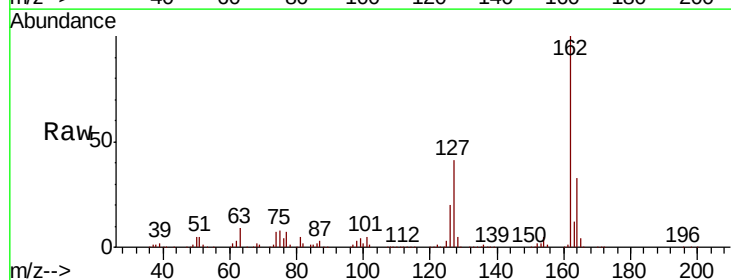
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46
 2-Chloronaphthalene
 Concen: 39.226 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. 0.00 min
 Lab File: BF109785.D
 Acq: 11 Oct 2018 14:24

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.1	32.6	48.8
164	32.7	25.9	38.9

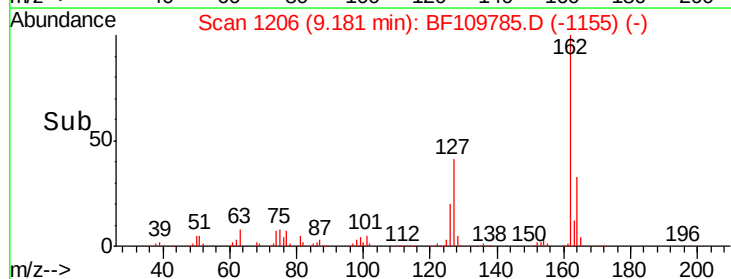
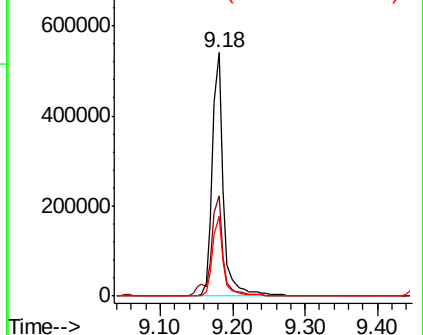


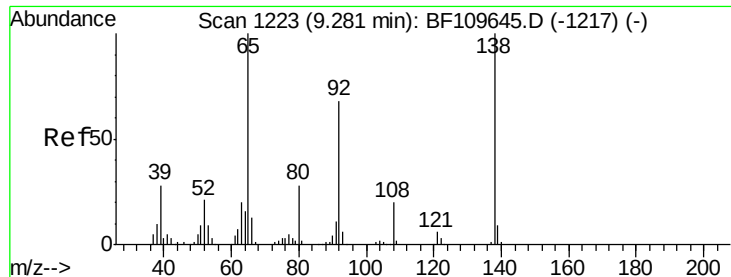
Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 41.039 ng

RT: 9.28 min Scan# 1223

Delta R.T. 0.00 min

Lab File: BF109785.D

Acq: 11 Oct 2018 14:24

Instrument :

BNA_F

ClientSampleId :

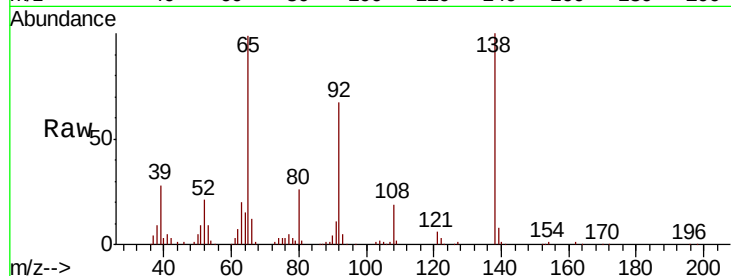
Tot Ion: 65 Resp: 183509

Ion Ratio Lower Upper

65 100

92 67.9 54.6 81.8

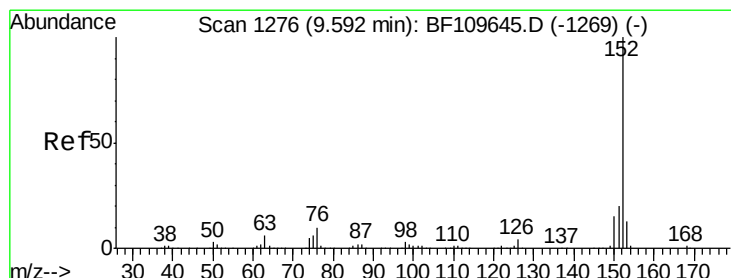
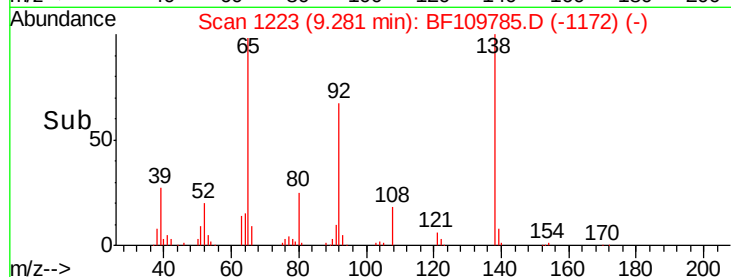
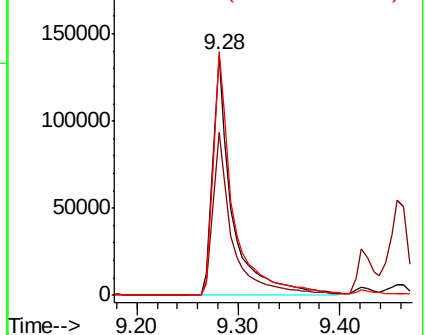
138 101.3 80.3 120.5



Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#48

Acenaphthylene

Concen: 38.536 ng

RT: 9.59 min Scan# 1275

Delta R.T. -0.01 min

Lab File: BF109785.D

Acq: 11 Oct 2018 14:24

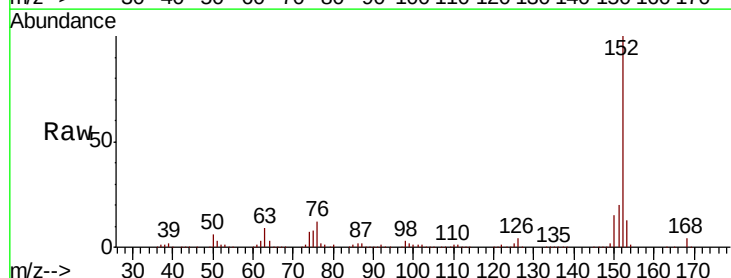
Tgt Ion: 152 Resp: 829649

Ion Ratio Lower Upper

152 100

151 20.4 15.8 23.8

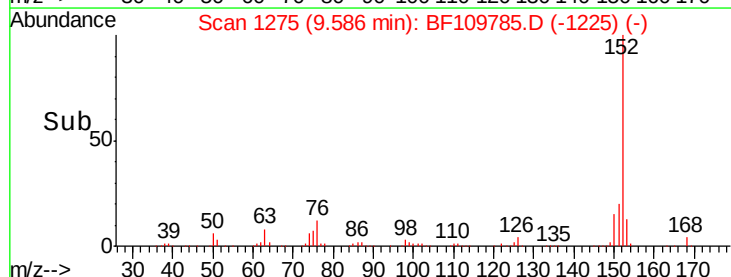
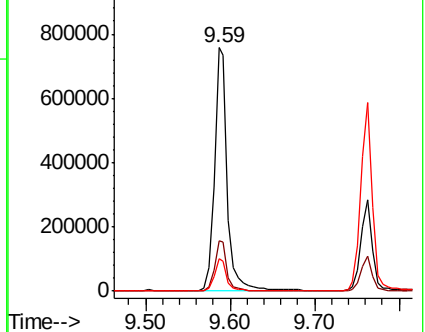
153 13.2 10.4 15.6

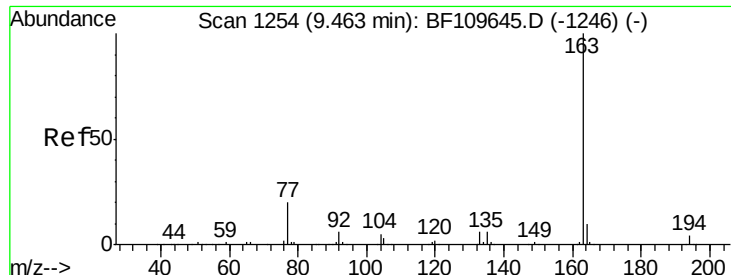


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

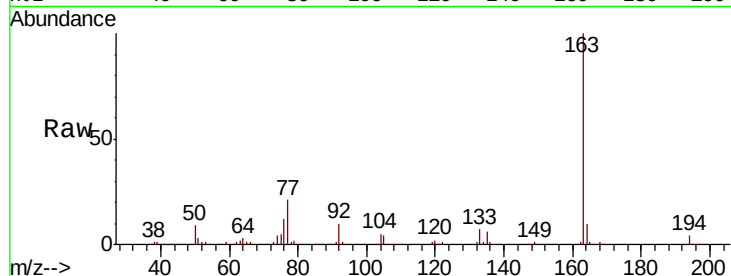




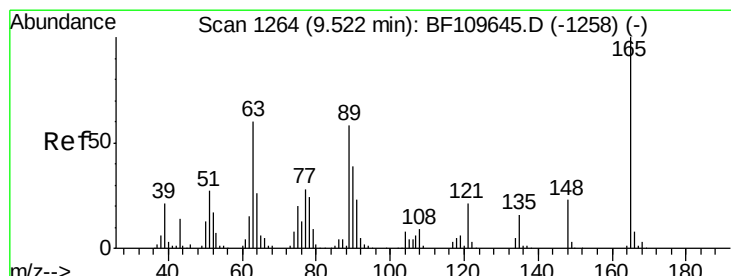
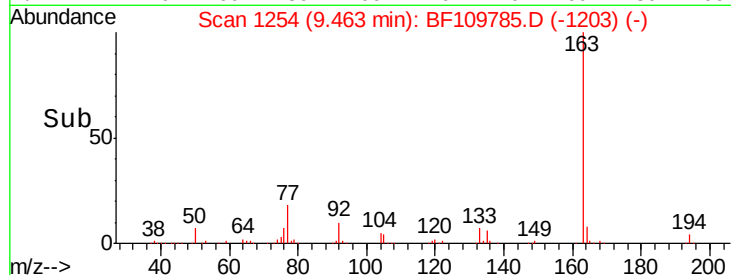
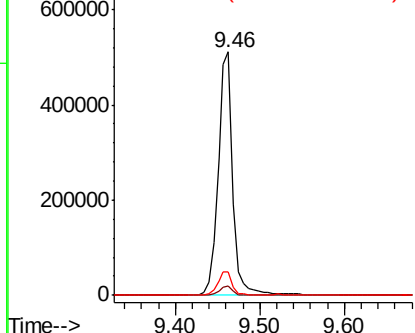
#49
Dimethylphthalate
Concen: 38.680 ng
RT: 9.46 min Scan# 1254
Delta R.T. 0.00 min
Lab File: BF109785.D
Acq: 11 Oct 2018 14:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 625939
Ion Ratio Lower Upper
163 100
194 3.8 3.2 4.8
164 9.8 8.1 12.1

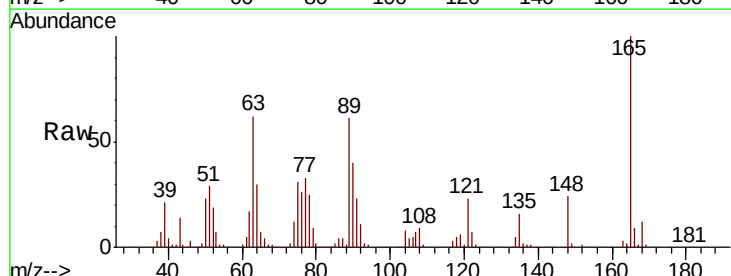


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

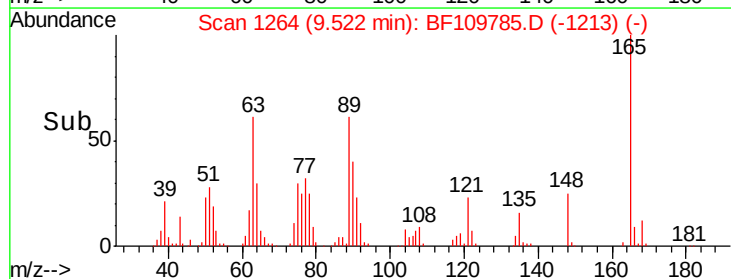
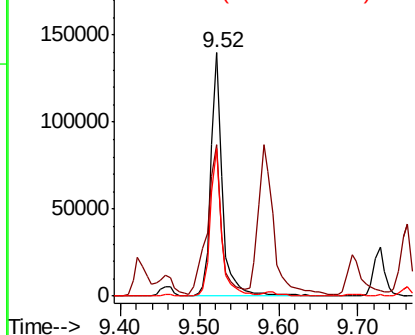


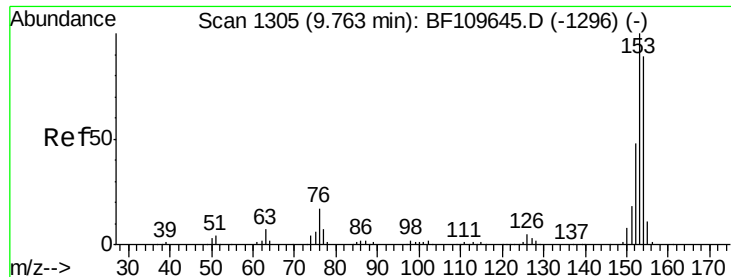
#50
2,6-Dinitrotoluene
Concen: 40.003 ng
RT: 9.52 min Scan# 1264
Delta R.T. 0.00 min
Lab File: BF109785.D
Acq: 11 Oct 2018 14:24

Tgt Ion:165 Resp: 140323
Ion Ratio Lower Upper
165 100
63 62.2 48.9 73.3
89 60.5 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





#51

Acenaphthene

Concen: 37.926 ng

RT: 9.76 min Scan# 1305

Delta R.T. 0.00 min

Lab File: BF109785.D

Acq: 11 Oct 2018 14:24

Instrument :

BNA_F

ClientSampleId :

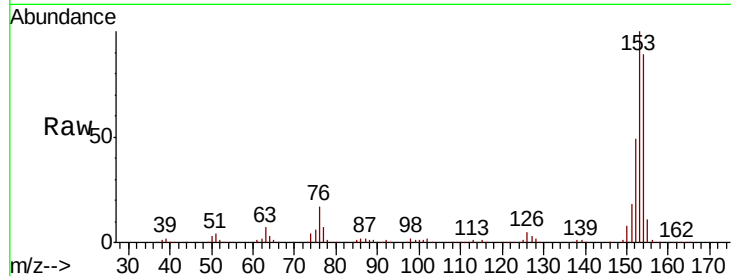
Tot Ion:154 Resp: 484044

Ion Ratio Lower Upper

154 100

153 111.9 90.1 135.1

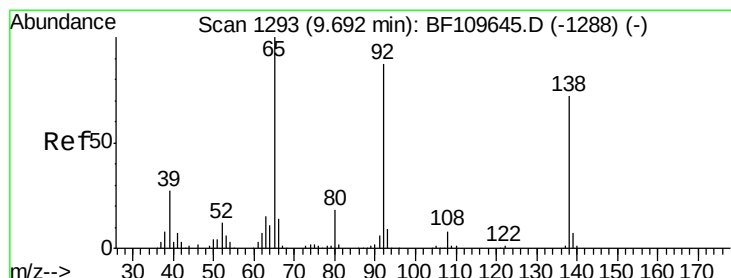
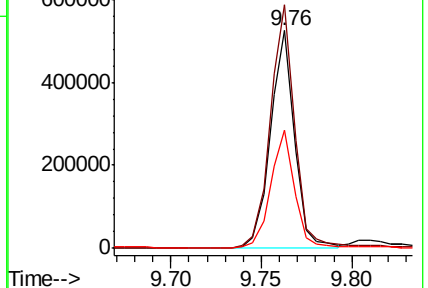
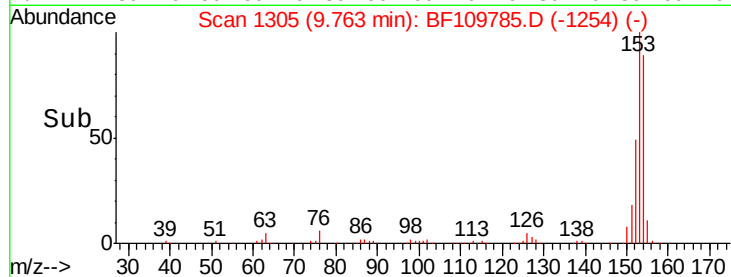
152 54.4 43.4 65.2



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



#52

3-Nitroaniline

Concen: 40.211 ng

RT: 9.69 min Scan# 1293

Delta R.T. 0.00 min

Lab File: BF109785.D

Acq: 11 Oct 2018 14:24

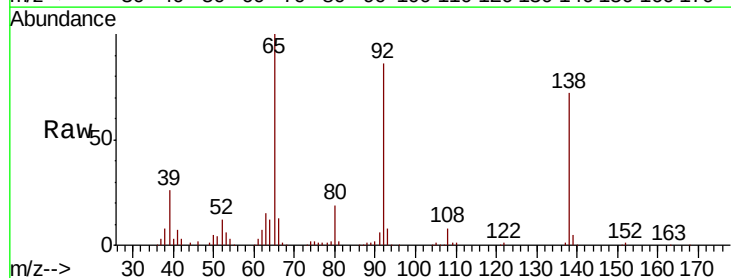
Tgt Ion:138 Resp: 158115

Ion Ratio Lower Upper

138 100

108 10.7 8.7 13.1

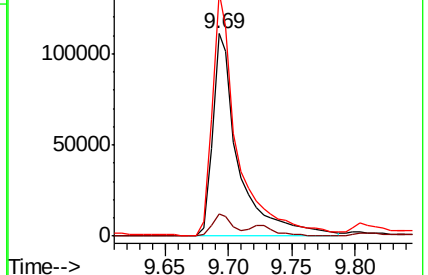
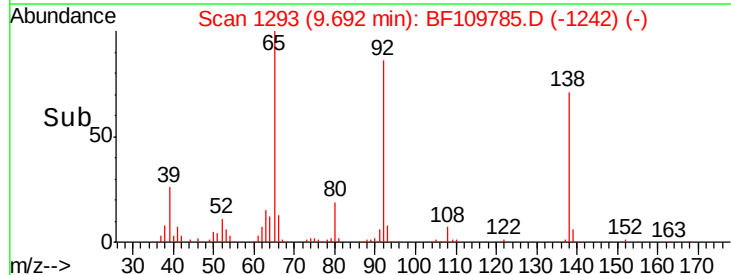
92 120.4 97.0 145.4

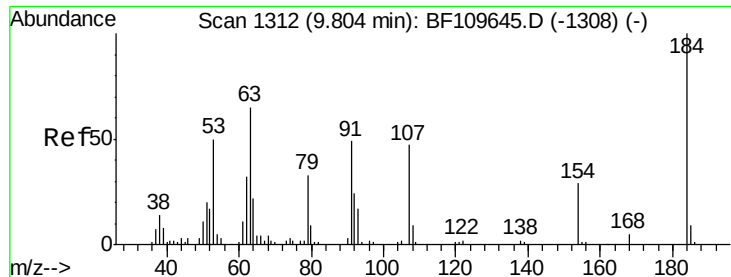


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

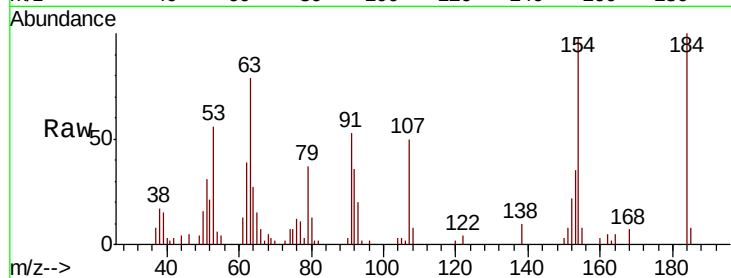




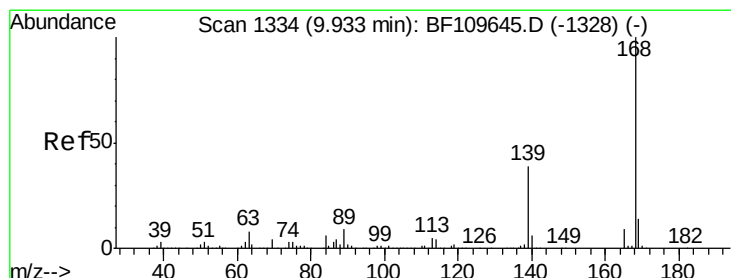
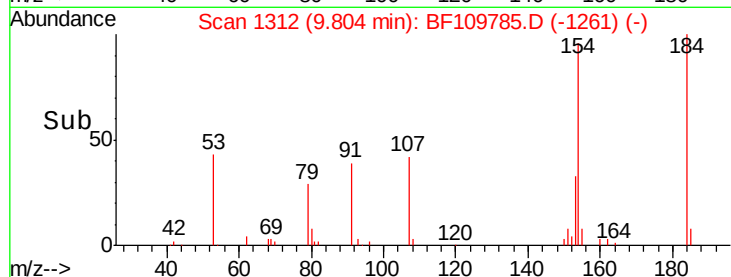
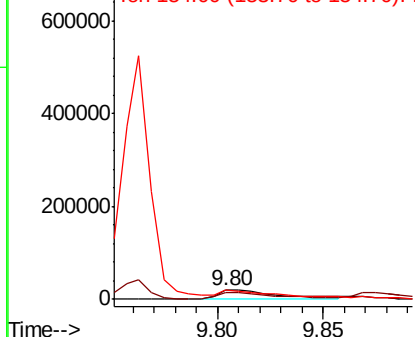
#53
2,4-Dinitrophenol
Concen: 35.595 ng
RT: 9.80 min Scan# 1312
Delta R.T. 0.00 min
Lab File: BF109785.D
Acq: 11 Oct 2018 14:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 40284
Ion Ratio Lower Upper
184 100
63 79.2 55.8 83.6
154 98.2 63.2 94.8#

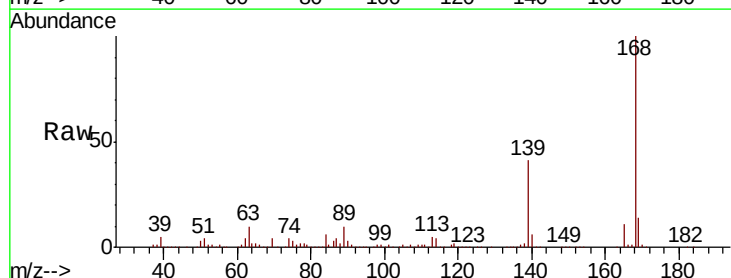


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

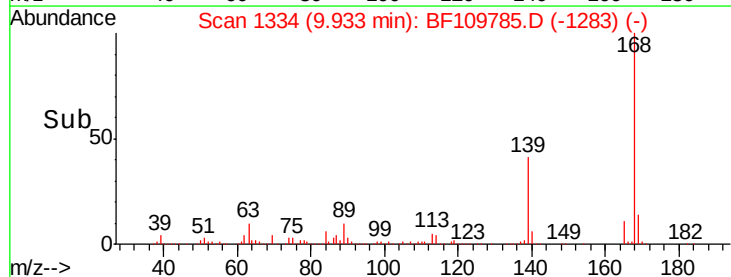
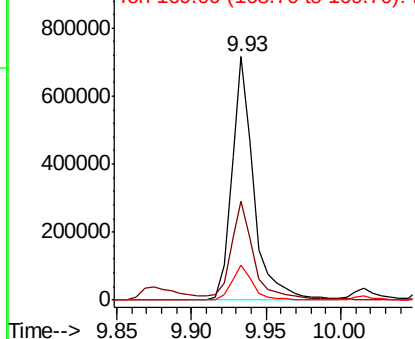


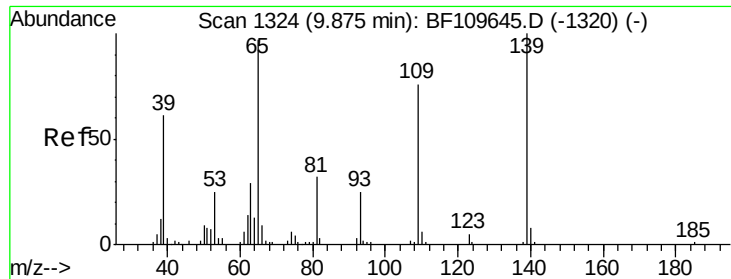
#54
Dibenzofuran
Concen: 38.522 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BF109785.D
Acq: 11 Oct 2018 14:24

Tgt Ion:168 Resp: 736955
Ion Ratio Lower Upper
168 100
139 40.9 33.0 49.6
169 14.2 11.3 16.9



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

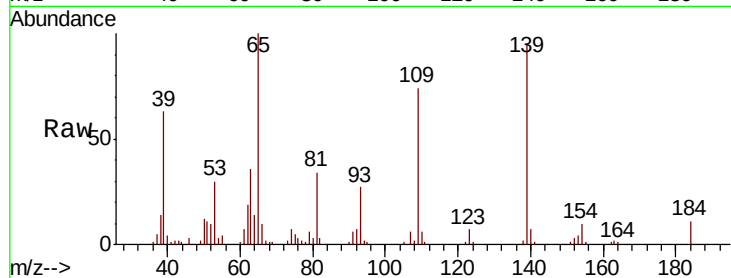




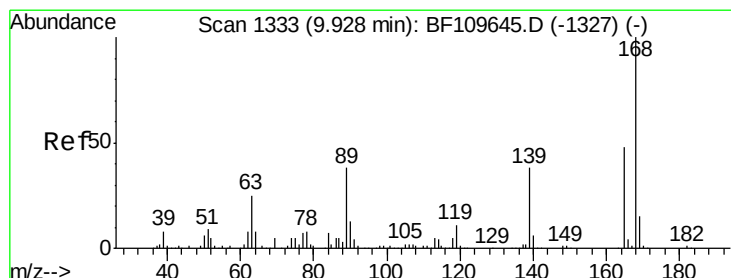
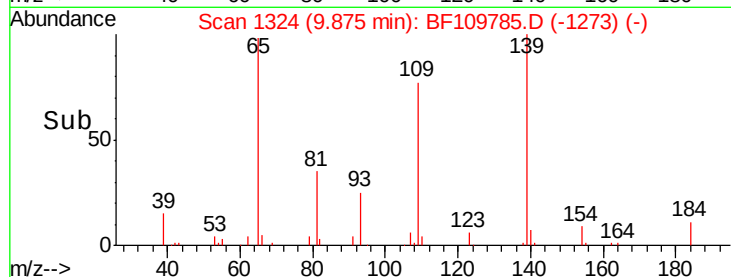
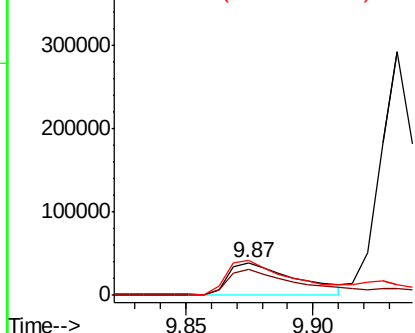
#55
4-Nitrophenol
Concen: 33.689 ng
RT: 9.87 min Scan# 1324
Delta R.T. 0.00 min
Lab File: BF109785.D
Acq: 11 Oct 2018 14:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 72510
Ion Ratio Lower Upper
139 100
109 77.7 55.8 95.8
65 105.4 77.9 117.9

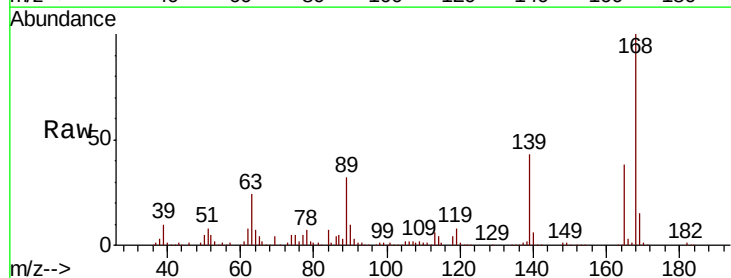


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

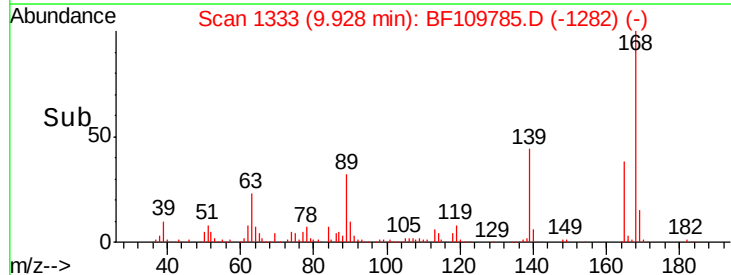
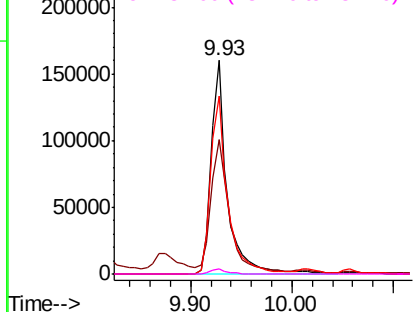


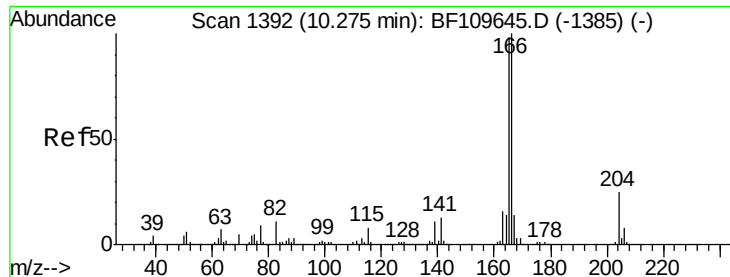
#56
2,4-Dinitrotoluene
Concen: 40.323 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BF109785.D
Acq: 11 Oct 2018 14:24

Tgt Ion:165 Resp: 176519
Ion Ratio Lower Upper
165 100
63 63.0 44.8 67.2
89 83.5 62.2 93.4
182 2.6 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





#57

Fluorene

Concen: 38.759 ng

RT: 10.27 min Scan# 1392

Delta R.T. 0.00 min

Lab File: BF109785.D

Acq: 11 Oct 2018 14:24

Instrument :

BNA_F

ClientSampleId :

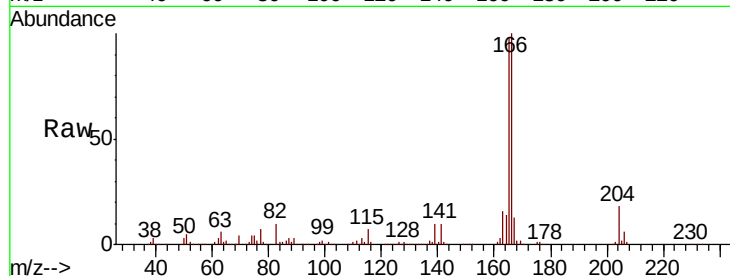
Tot Ion:166 Resp: 553738

Ion Ratio Lower Upper

166 100

165 98.2 78.6 117.8

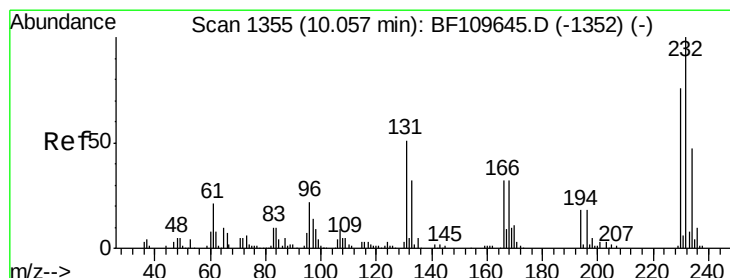
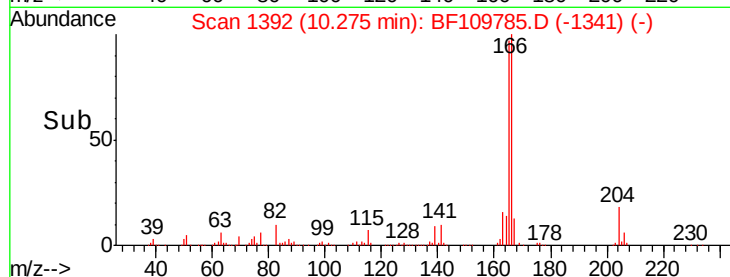
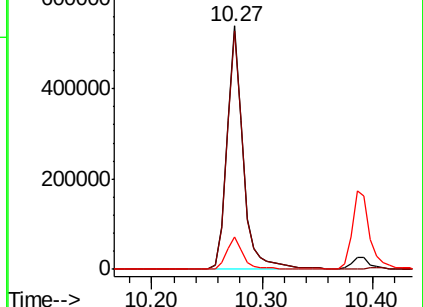
167 13.2 10.8 16.2



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



#58

2,3,4,6-Tetrachlorophenol

Concen: 38.940 ng

RT: 10.06 min Scan# 1355

Delta R.T. 0.00 min

Lab File: BF109785.D

Acq: 11 Oct 2018 14:24

Tgt Ion:232 Resp: 163415

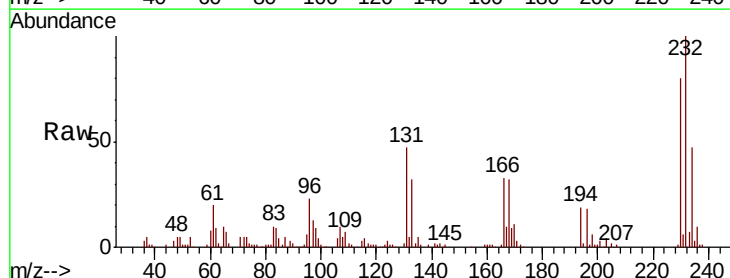
Ion Ratio Lower Upper

232 100

131 47.7 37.0 55.4

130 2.2 1.8 2.6

166 28.4 22.0 33.0

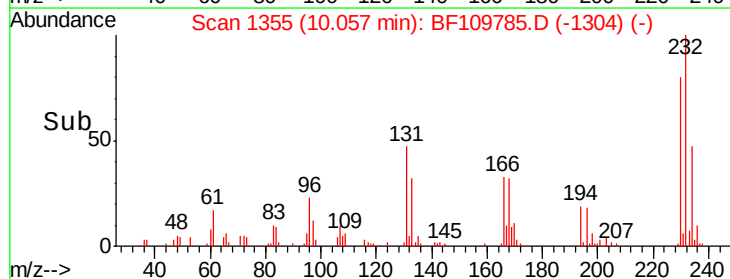
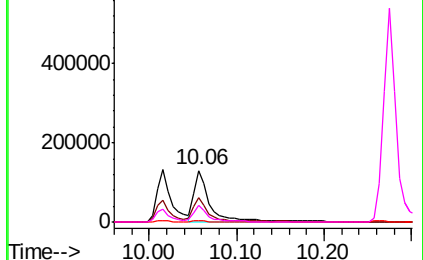


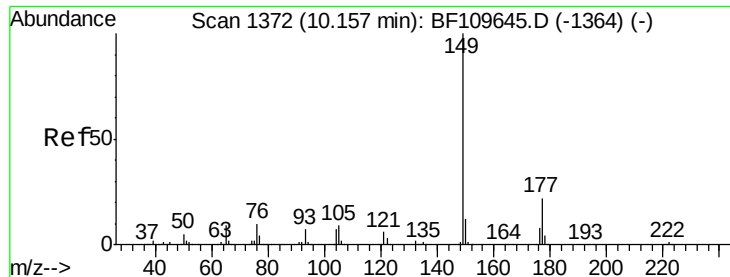
Abundance Ion 232.00 (231.70 to 232.70): E

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





#59

Diethylphthalate

Concen: 38.764 ng

RT: 10.15 min Scan# 1371

Delta R.T. -0.01 min

Lab File: BF109785.D

Acq: 11 Oct 2018 14:24

Instrument :

BNA_F

ClientSampled :

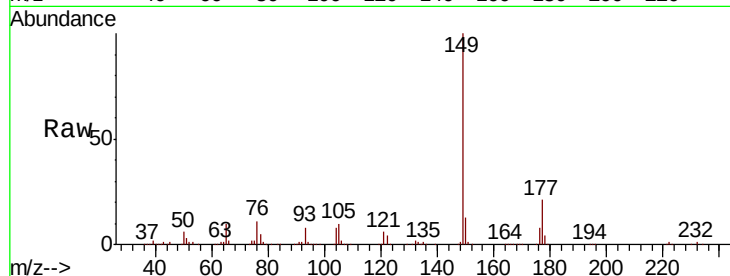
Tot Ion:149 Resp: 621540

Ion Ratio Lower Upper

149 100

177 20.8 17.4 26.2

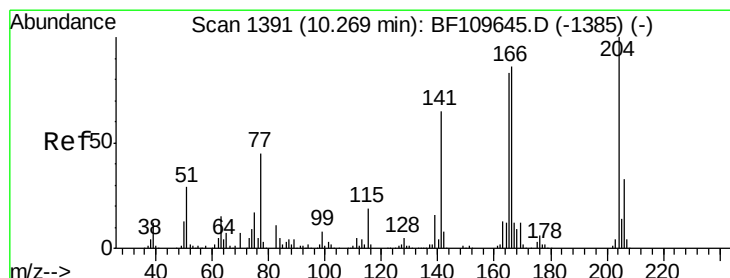
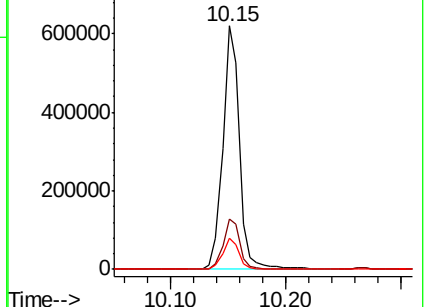
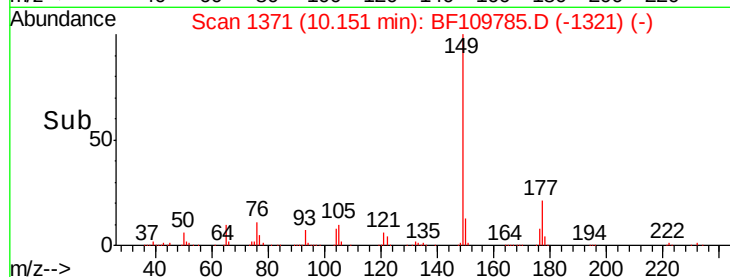
150 12.6 9.8 14.8



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



#60

4-Chlorophenyl-phenylether

Concen: 38.546 ng

RT: 10.27 min Scan# 1391

Delta R.T. 0.00 min

Lab File: BF109785.D

Acq: 11 Oct 2018 14:24

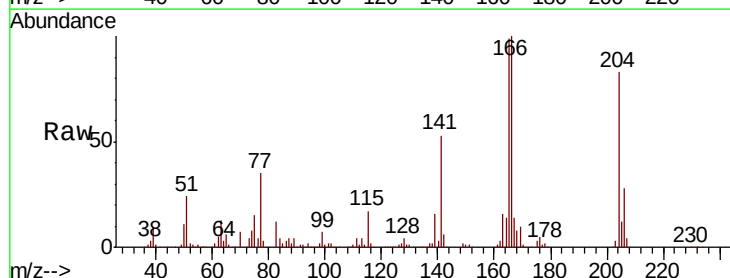
Tgt Ion:204 Resp: 290527

Ion Ratio Lower Upper

204 100

206 33.1 26.5 39.7

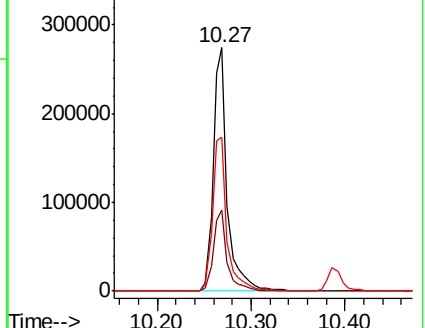
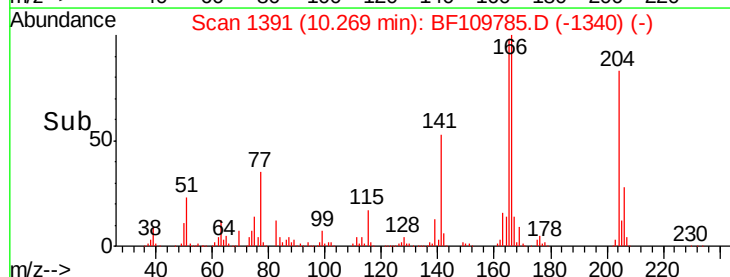
141 63.2 51.8 77.8

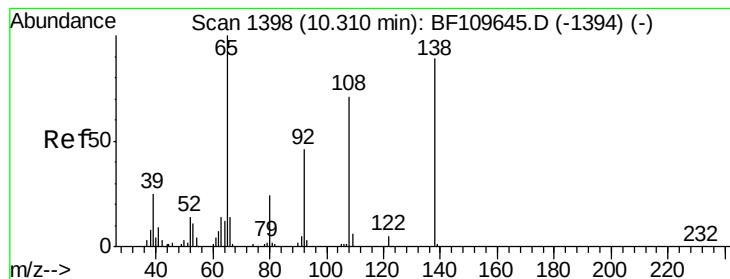


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 42.685 ng

RT: 10.31 min Scan# 1398

Delta R.T. 0.00 min

Lab File: BF109785.D

Acq: 11 Oct 2018 14:24

Instrument :

BNA_F

ClientSampleId :

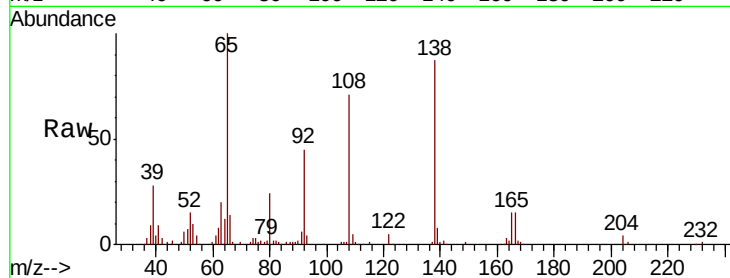
Tot Ion:138 Resp: 155440

Ion Ratio Lower Upper

138 100

92 52.0 31.7 71.7

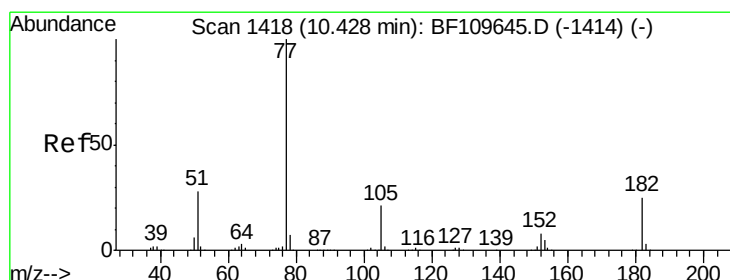
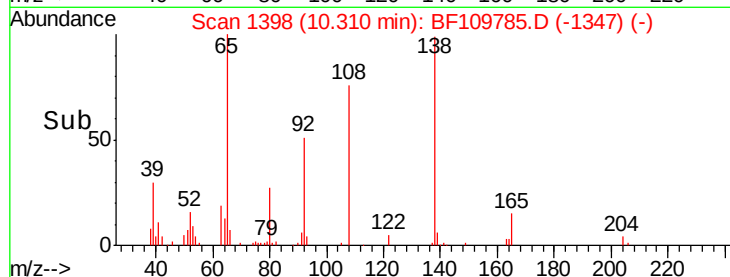
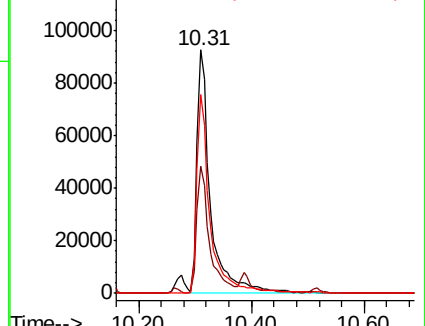
108 81.7 59.3 99.3



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 39.769 ng

RT: 10.43 min Scan# 1418

Delta R.T. 0.00 min

Lab File: BF109785.D

Acq: 11 Oct 2018 14:24

Tgt Ion: 77 Resp: 647528

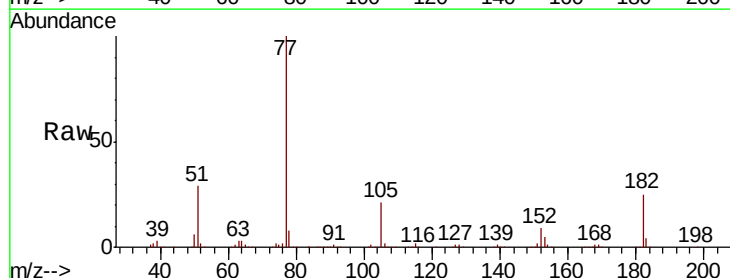
Ion Ratio Lower Upper

77 100

182 24.8 4.3 44.3

105 21.0 1.3 41.3

51 29.0 9.0 49.0

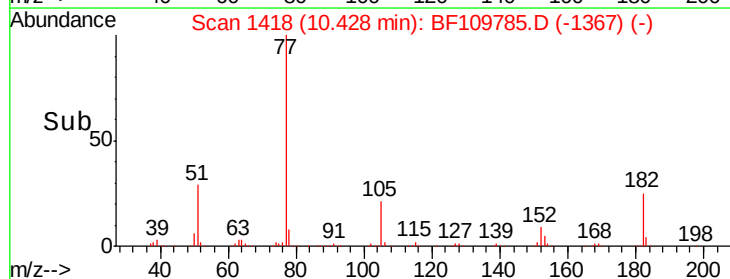
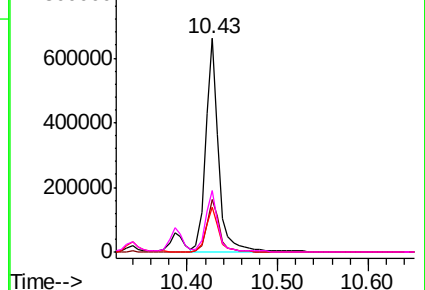


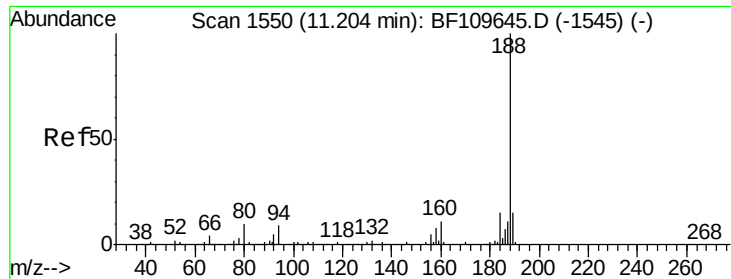
Abundance Ion 77.00 (76.70 to 77.70): BF1

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

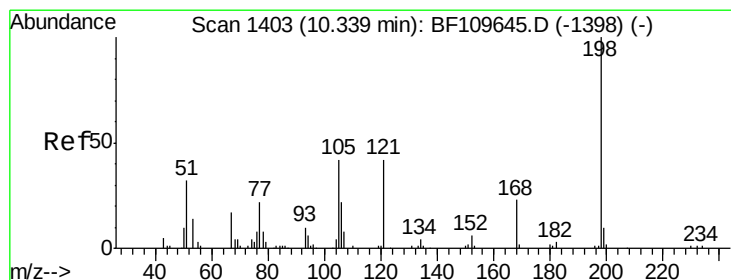
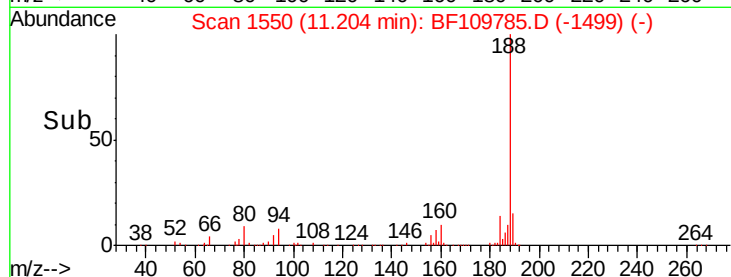
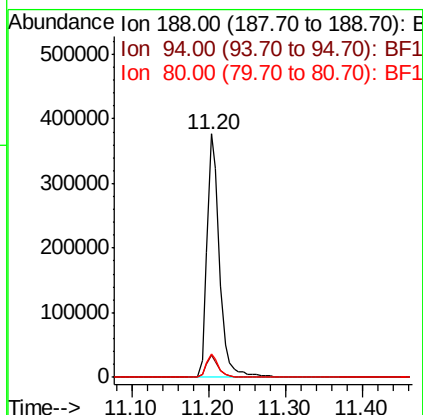
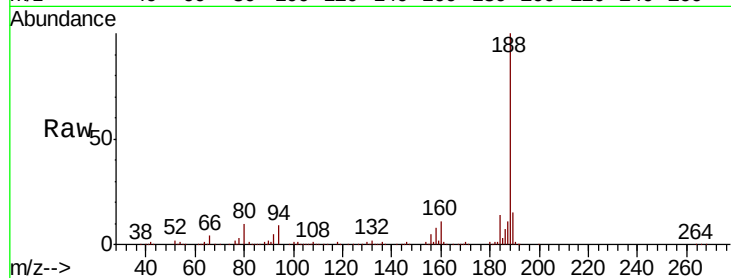




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1550
Delta R.T. 0.00 min
Lab File: BF109785.D
Acq: 11 Oct 2018 14:24

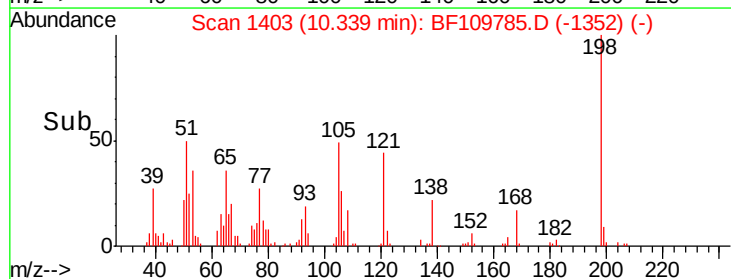
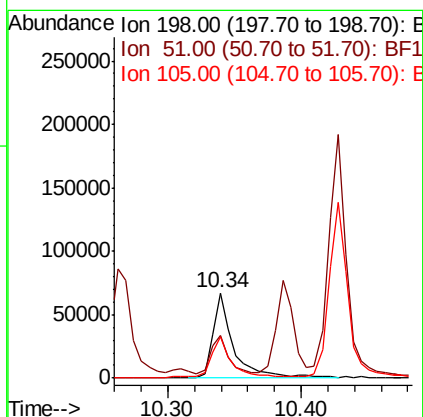
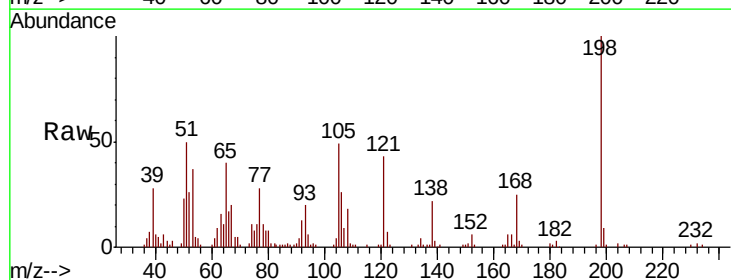
Instrument :
BNA_F
ClientSampleId :

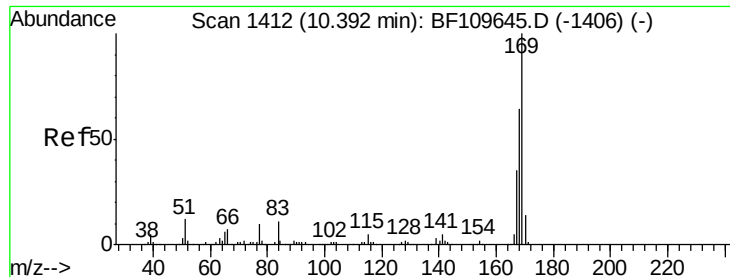
Tot Ion:188 Resp: 423828
Ion Ratio Lower Upper
188 100
94 9.0 7.2 10.8
80 9.6 7.9 11.9



#64
4,6-Dinitro-2-methylphenol
Concen: 35.424 ng
RT: 10.34 min Scan# 1403
Delta R.T. 0.00 min
Lab File: BF109785.D
Acq: 11 Oct 2018 14:24

Tgt Ion:198 Resp: 73076
Ion Ratio Lower Upper
198 100
51 49.9 22.8 62.8
105 48.6 23.6 63.6

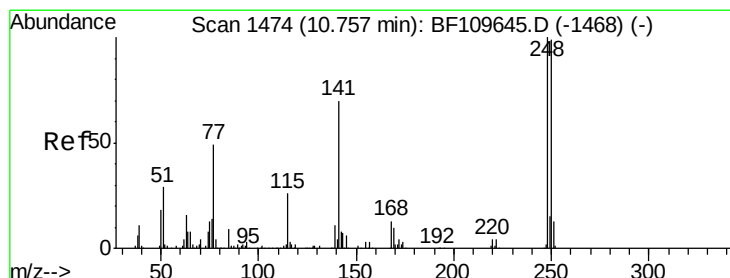
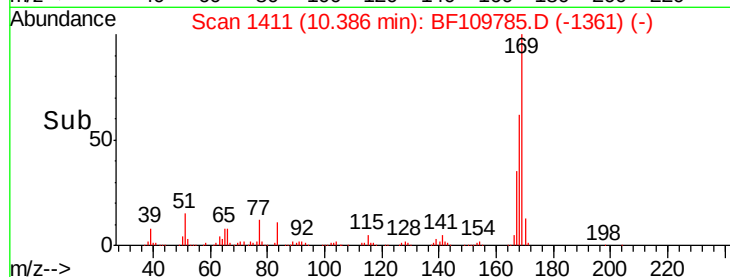
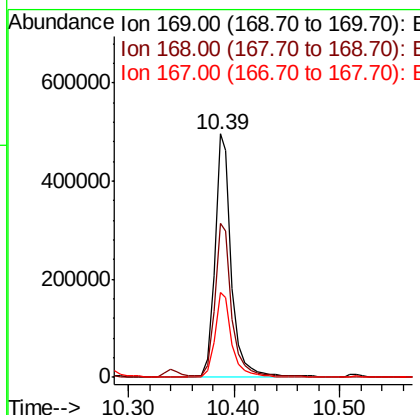
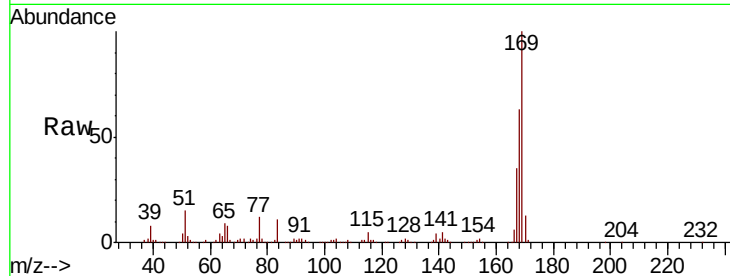




#65
n-Nitrosodiphenylamine
Concen: 38.069 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BF109785.D
Acq: 11 Oct 2018 14:24

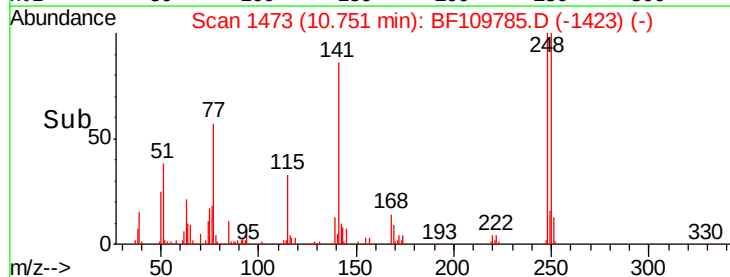
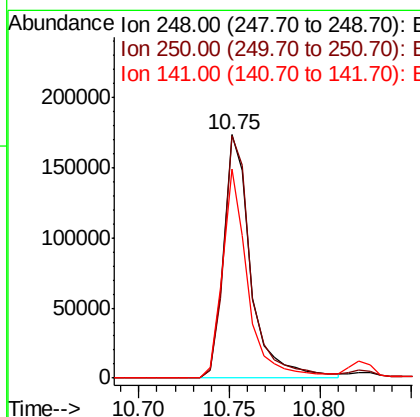
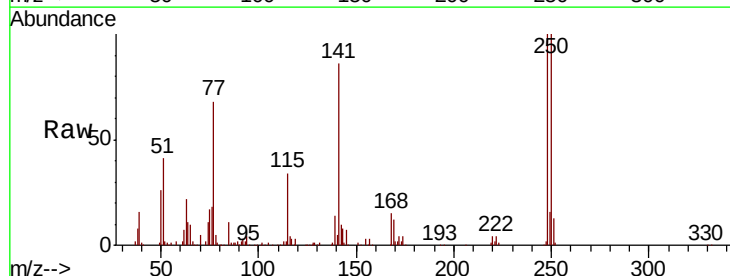
Instrument :
BNA_F
ClientSampleId :

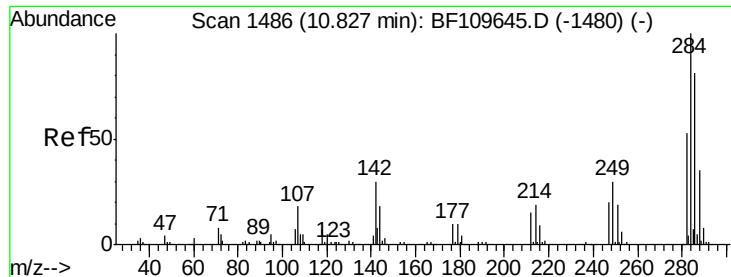
Tot Ion:169 Resp: 546965
Ion Ratio Lower Upper
169 100
168 63.1 51.2 76.8
167 35.1 27.8 41.6



#66
4-Bromophenyl-phenylether
Concen: 37.365 ng
RT: 10.75 min Scan# 1473
Delta R.T. -0.01 min
Lab File: BF109785.D
Acq: 11 Oct 2018 14:24

Tgt Ion:248 Resp: 181961
Ion Ratio Lower Upper
248 100
250 99.7 79.4 119.2
141 85.7 55.9 83.9#

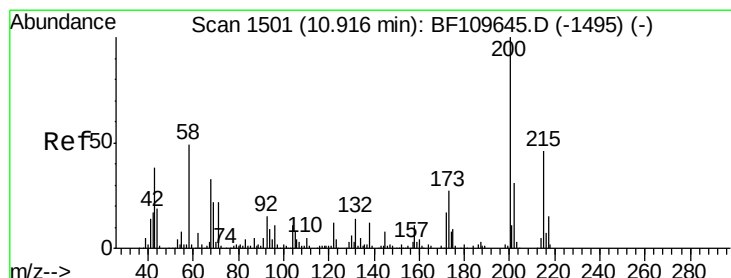
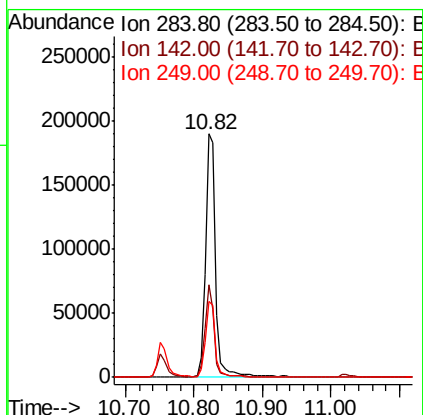
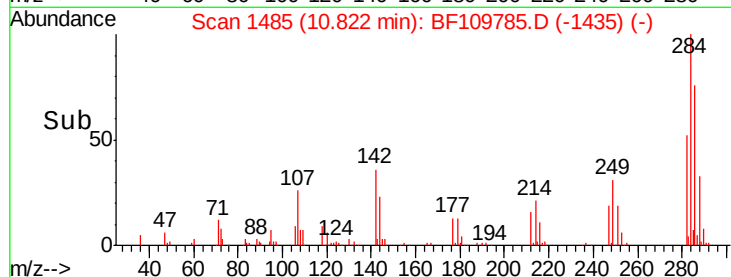
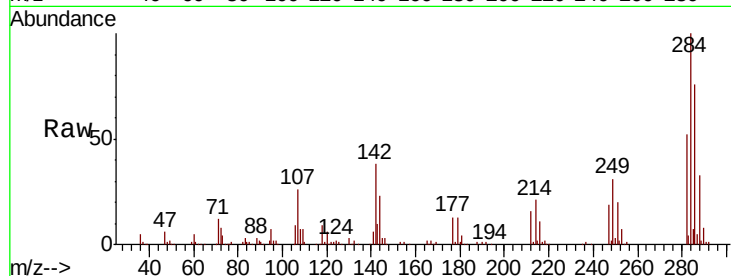




#67
Hexachlorobenzene
Concen: 38.080 ng
RT: 10.82 min Scan# 1485
Delta R.T. -0.01 min
Lab File: BF109785.D
Acq: 11 Oct 2018 14:24

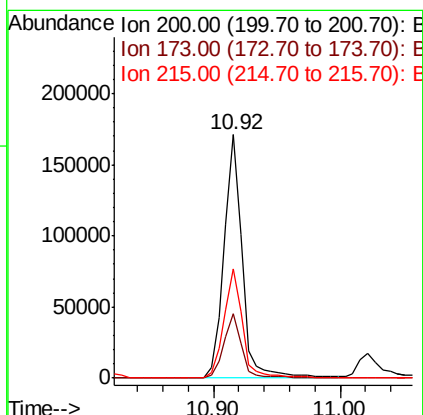
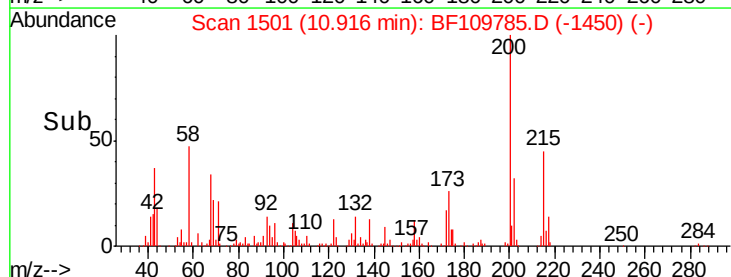
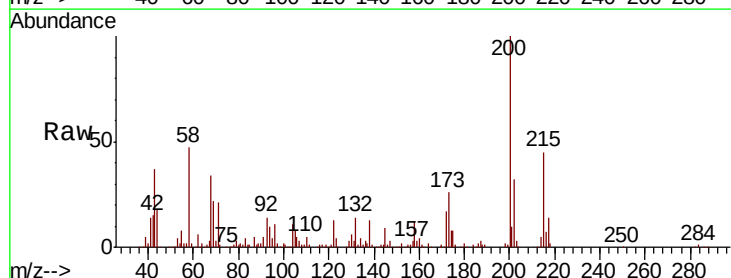
Instrument :
BNA_F
ClientSampleId :

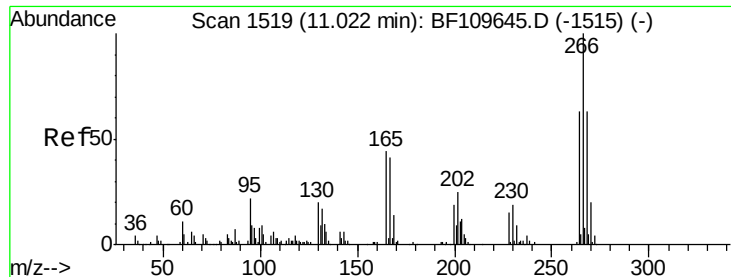
Tot Ion	Ratio	Lower	Upper
284	100		
142	37.8	23.9	35.9#
249	31.3	24.2	36.2



#68
Atrazine
Concen: 38.285 ng
RT: 10.92 min Scan# 1501
Delta R.T. 0.00 min
Lab File: BF109785.D
Acq: 11 Oct 2018 14:24

Tgt Ion	Ratio	Lower	Upper
200	100		
173	26.2	6.6	46.6
215	45.0	26.3	66.3

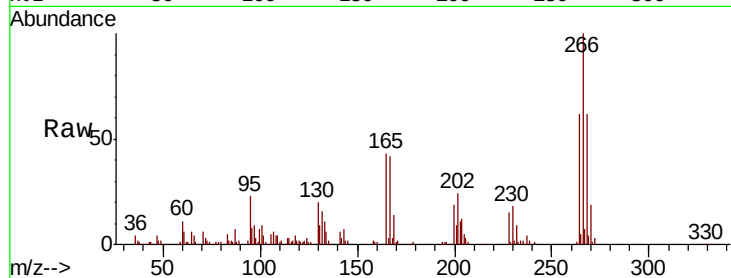




#69
 Pentachlorophenol
 Concen: 43.230 ng
 RT: 11.02 min Scan# 1519
 Delta R.T. 0.00 min
 Lab File: BF109785.D
 Acq: 11 Oct 2018 14:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
268	61.9	50.6	75.8
264	61.5	50.6	75.8

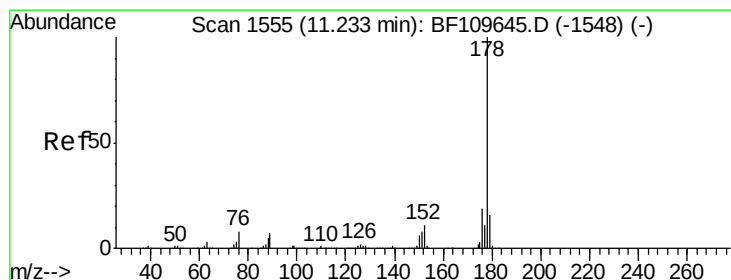
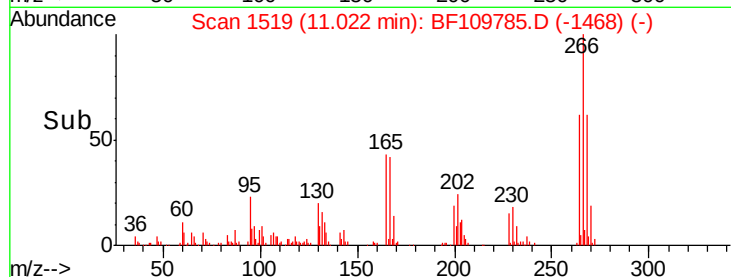
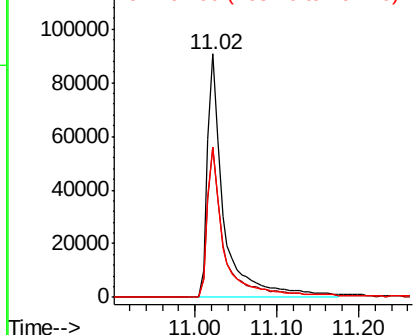


Abundance

Ion 265.70 (265.40 to 266.40): E

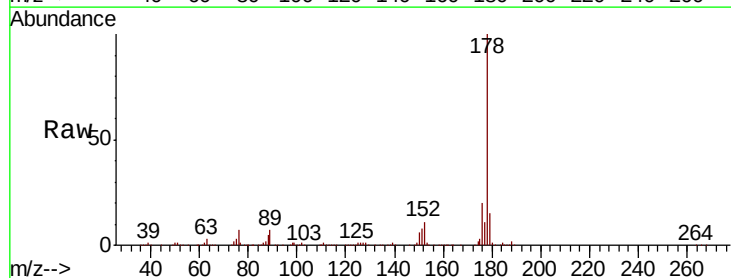
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 38.087 ng
 RT: 11.23 min Scan# 1555
 Delta R.T. 0.00 min
 Lab File: BF109785.D
 Acq: 11 Oct 2018 14:24

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.5	23.3
179	15.4	12.5	18.7

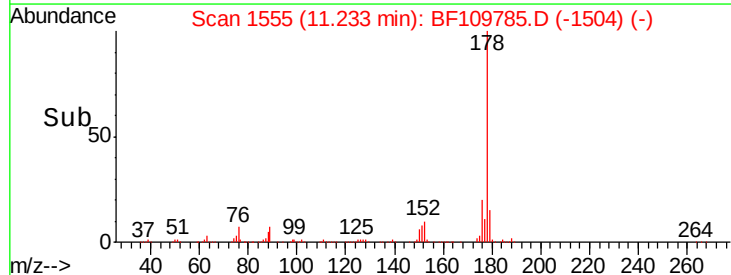
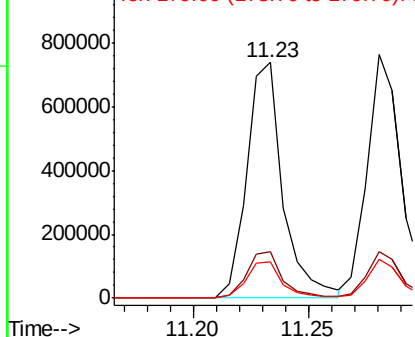


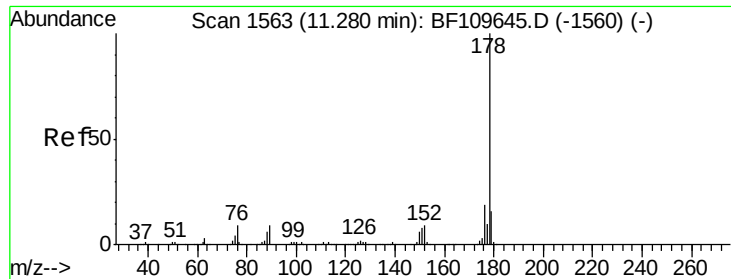
Abundance

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

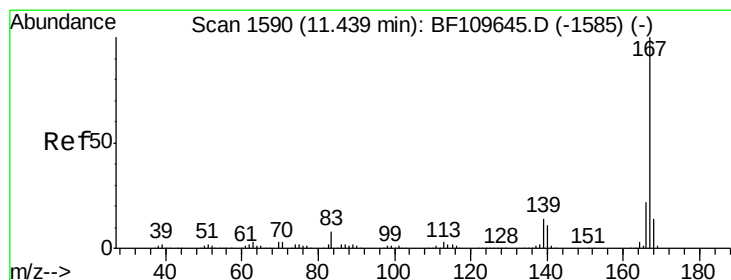
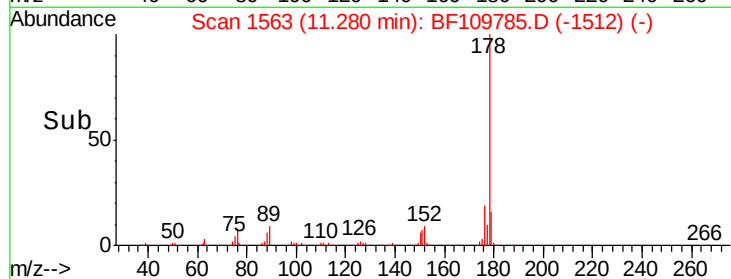
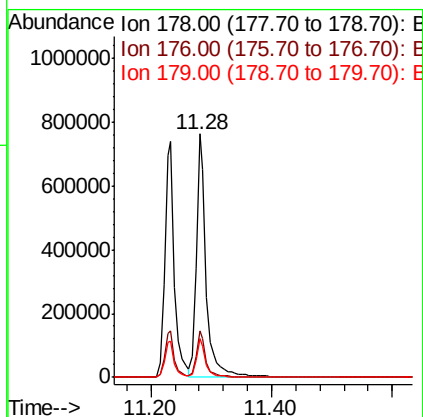
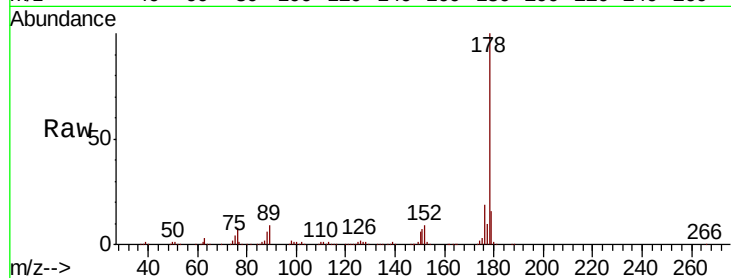




#71
 Anthracene
 Concen: 39.771 ng
 RT: 11.28 min Scan# 1563
 Delta R.T. 0.00 min
 Lab File: BF109785.D
 Acq: 11 Oct 2018 14:24

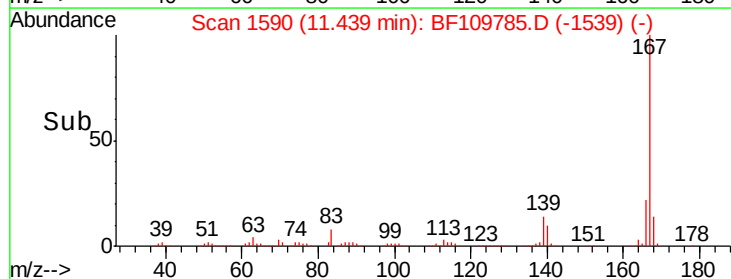
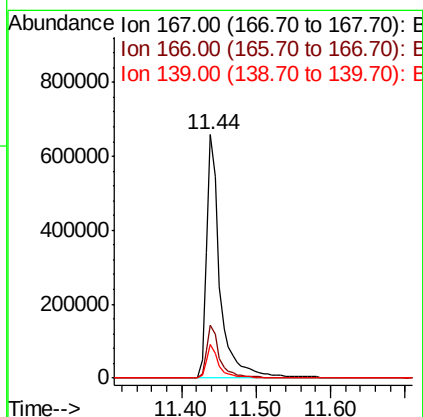
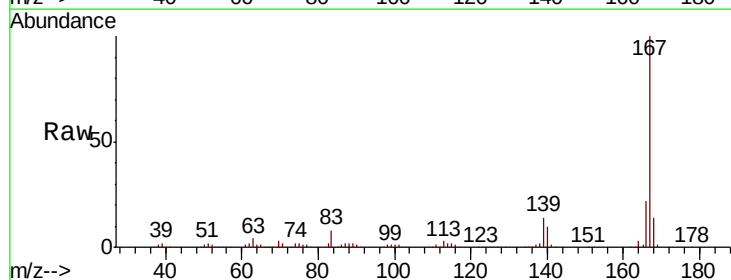
Instrument :
 BNA_F
 ClientSampleId :

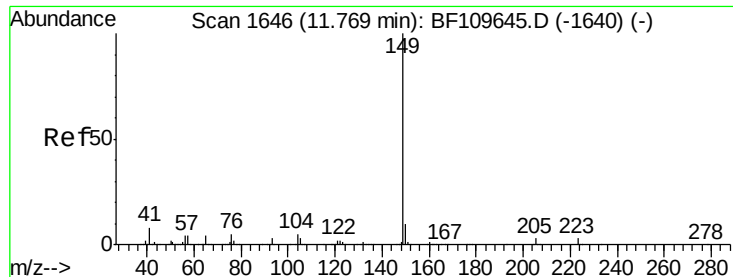
Tot Ion:178 Resp: 871996
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.4 23.2
 179 16.1 12.6 18.8



#72
 Carbazole
 Concen: 39.456 ng
 RT: 11.44 min Scan# 1590
 Delta R.T. 0.00 min
 Lab File: BF109785.D
 Acq: 11 Oct 2018 14:24

Tgt Ion:167 Resp: 839018
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.4 26.0
 139 13.6 10.9 16.3

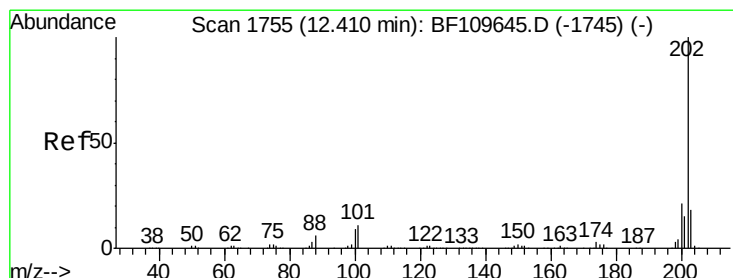
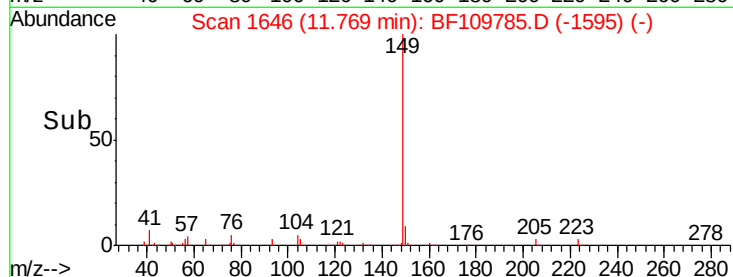
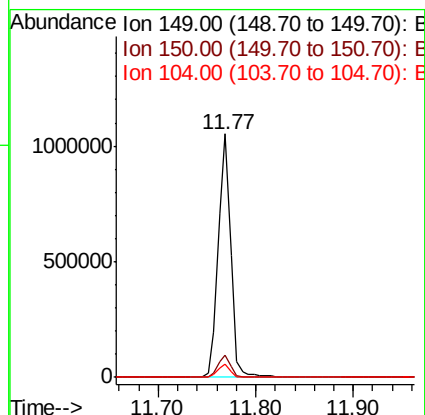
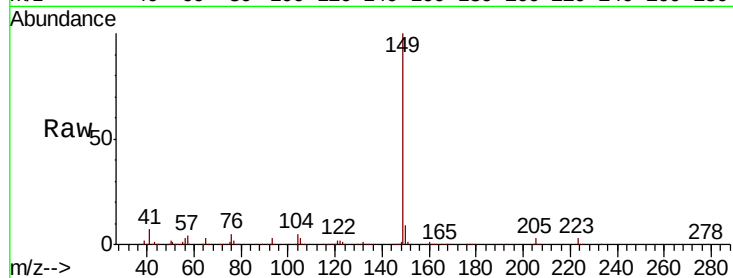




#73
Di-n-butylphthalate
Concen: 38.327 ng
RT: 11.77 min Scan# 1646
Delta R.T. 0.00 min
Lab File: BF109785.D
Acq: 11 Oct 2018 14:24

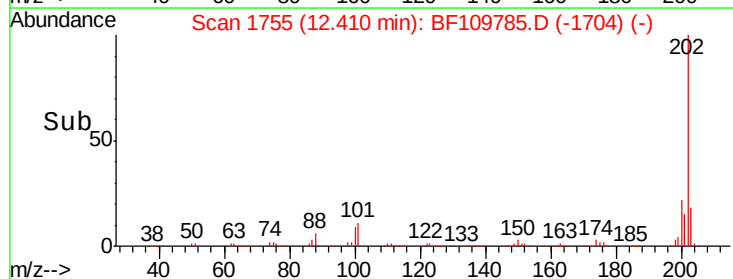
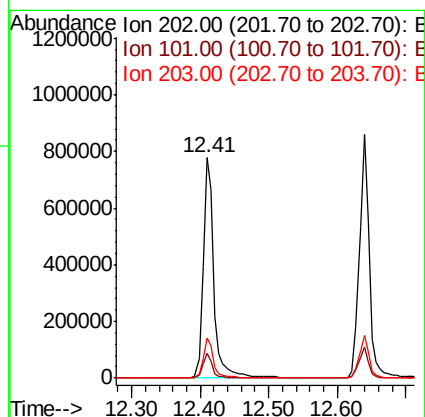
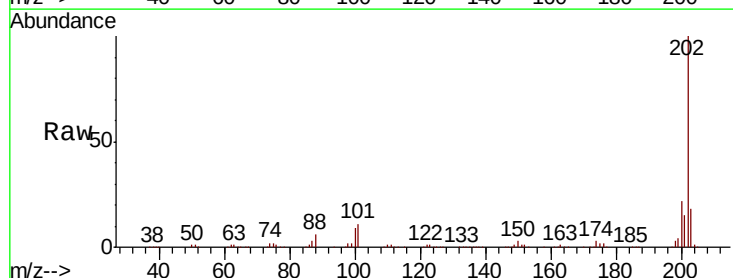
Instrument :
BNA_F
ClientSampled :

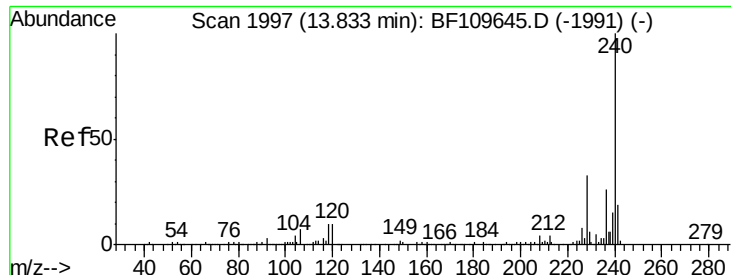
Tot Ion:149 Resp: 945286
Ion Ratio Lower Upper
149 100
150 9.2 7.7 11.5
104 5.5 4.2 6.4



#74
Fluoranthene
Concen: 38.776 ng
RT: 12.41 min Scan# 1755
Delta R.T. 0.00 min
Lab File: BF109785.D
Acq: 11 Oct 2018 14:24

Tgt Ion:202 Resp: 859192
Ion Ratio Lower Upper
202 100
101 11.4 0.0 31.4
203 18.0 0.0 37.7





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.83 min Scan# 1997

Delta R.T. 0.00 min

Lab File: BF109785.D

Acq: 11 Oct 2018 14:24

Instrument :

BNA_F

ClientSampleId :

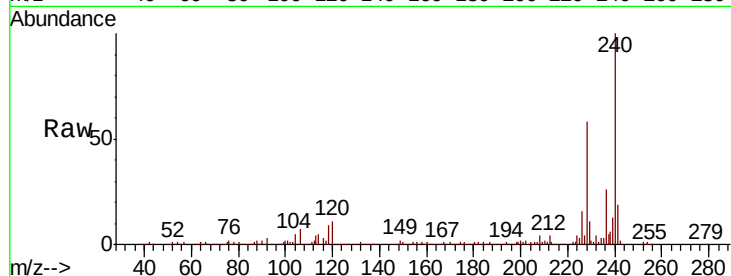
Tot Ion:240 Resp: 294833

Ion Ratio Lower Upper

240 100

120 11.1 8.3 12.5

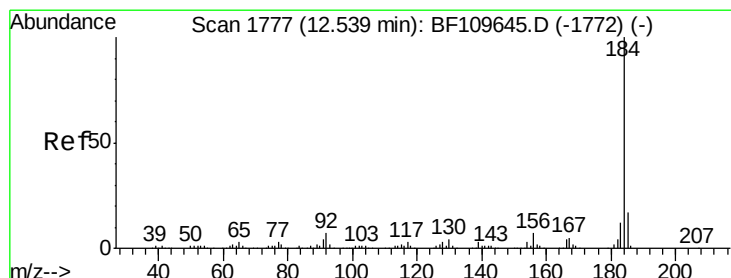
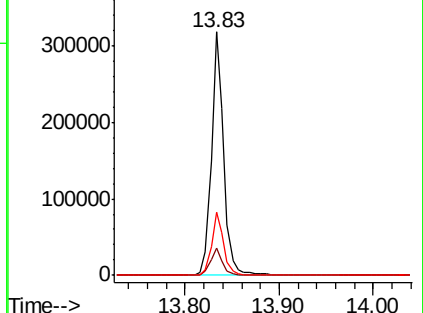
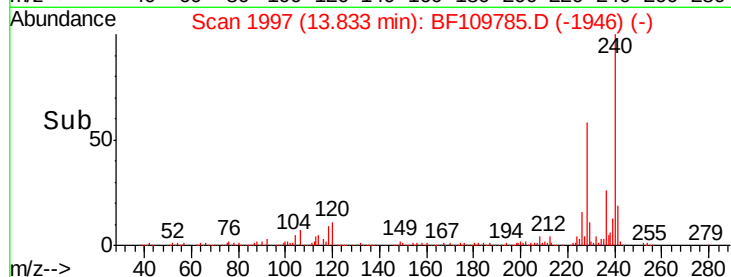
236 25.9 21.2 31.8



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 39.125 ng

RT: 12.54 min Scan# 1777

Delta R.T. 0.00 min

Lab File: BF109785.D

Acq: 11 Oct 2018 14:24

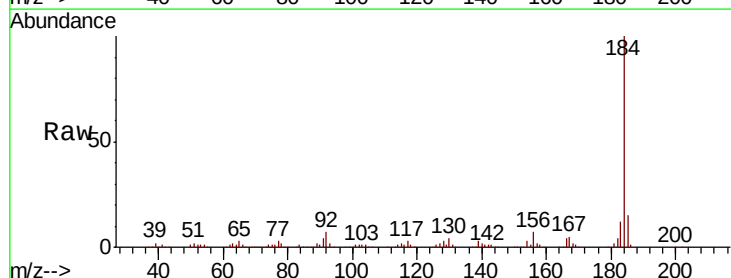
Tgt Ion:184 Resp: 428512

Ion Ratio Lower Upper

184 100

185 15.0 13.4 20.2

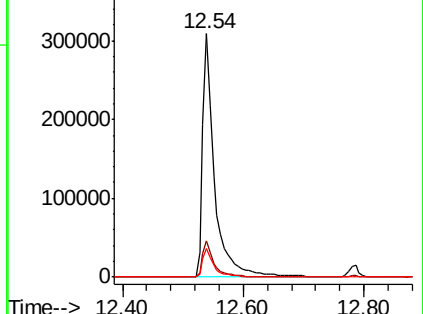
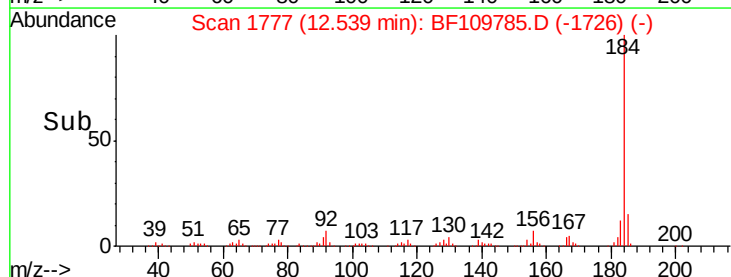
183 11.6 9.4 14.2

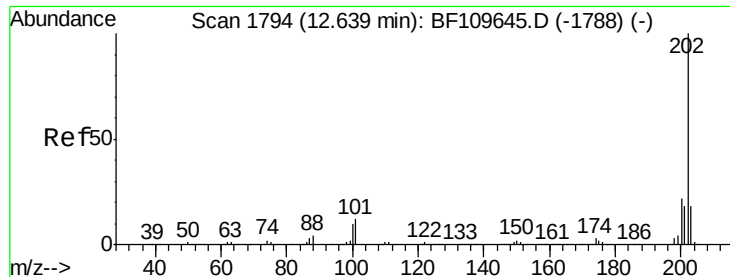


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

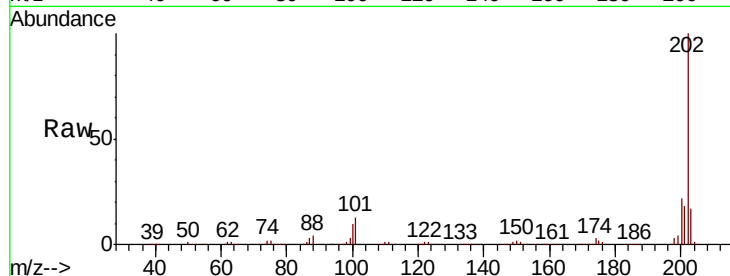




#77
Pvrene
Concen: 40.209 ng
RT: 12.64 min Scan# 1794
Delta R.T. 0.00 min
Lab File: BF109785.D
Acq: 11 Oct 2018 14:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.8	26.6
203	17.5	14.2	21.4

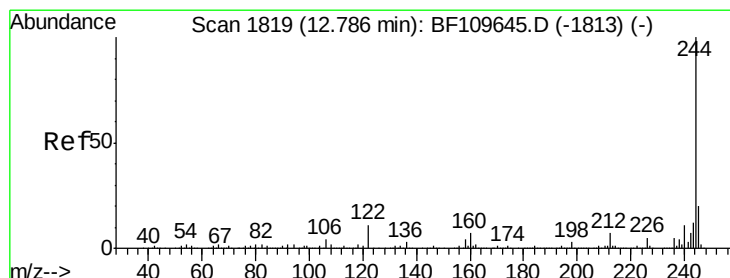
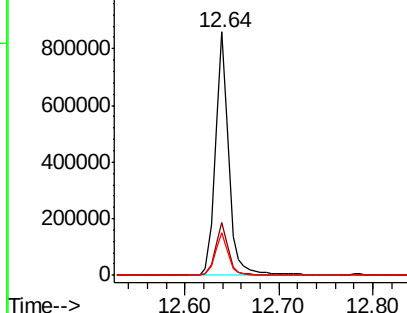
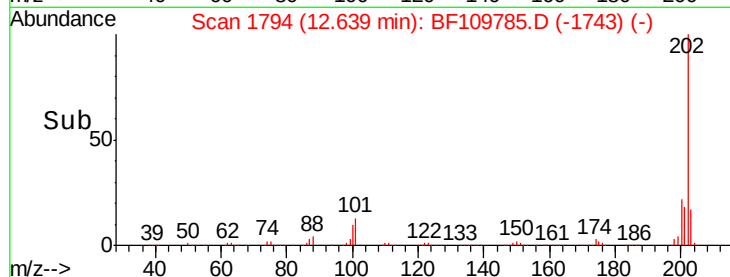


Abundance

Ion 202.00 (201.70 to 202.70): E

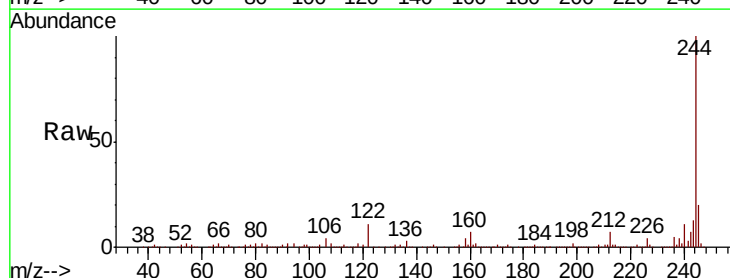
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78
Terphenyl-d14
Concen: 78.437 ng
RT: 12.79 min Scan# 1819
Delta R.T. 0.00 min
Lab File: BF109785.D
Acq: 11 Oct 2018 14:24

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.8
122	11.0	8.7	13.1

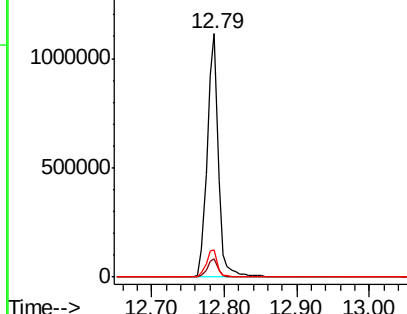
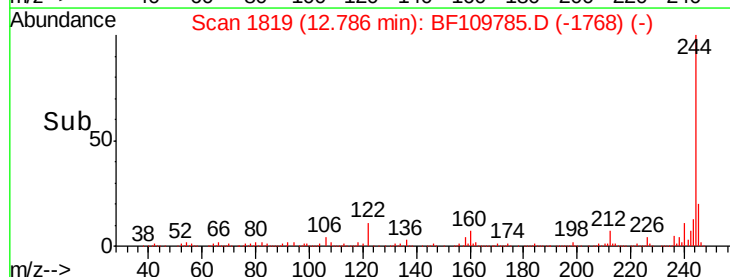


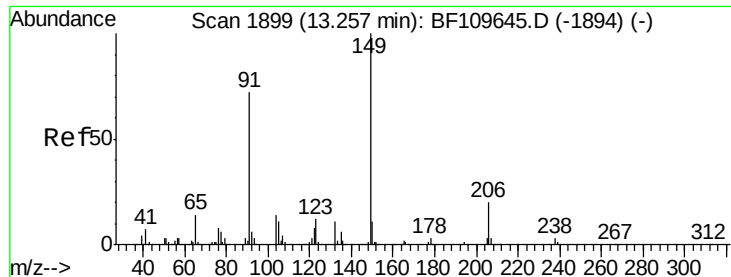
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

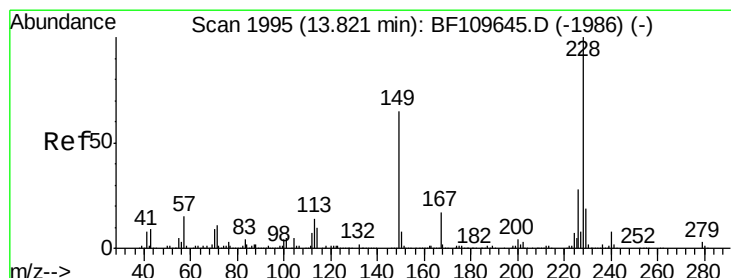
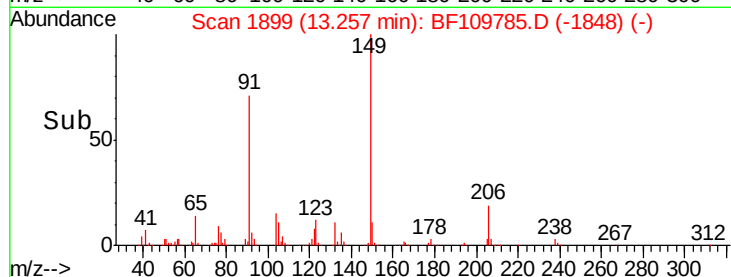
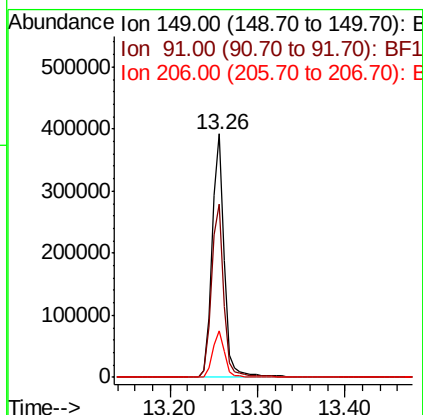
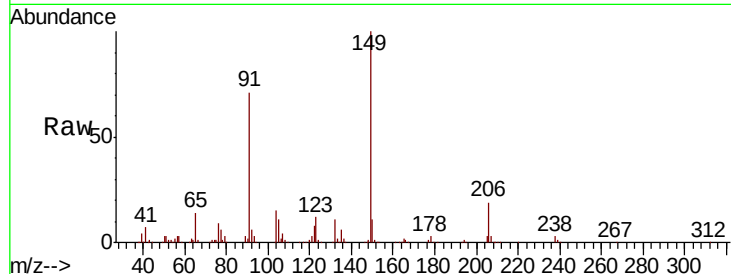




#79
Butylbenzylphthalate
Concen: 40.640 ng
RT: 13.26 min Scan# 1899
Delta R.T. 0.00 min
Lab File: BF109785.D
Acq: 11 Oct 2018 14:24

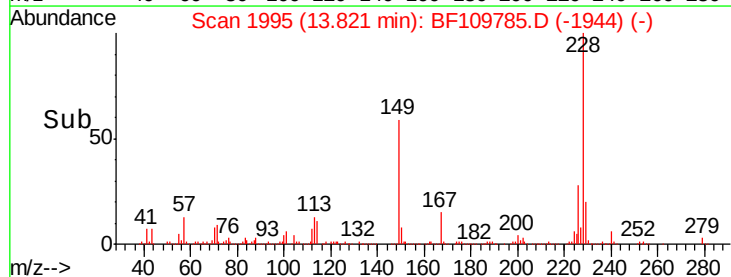
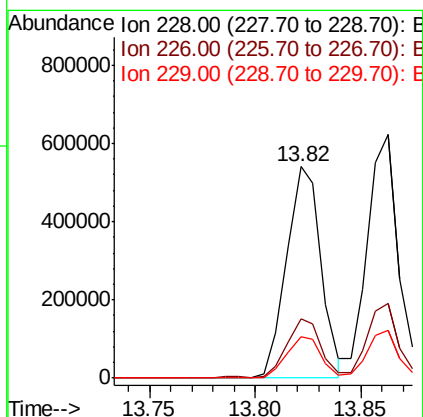
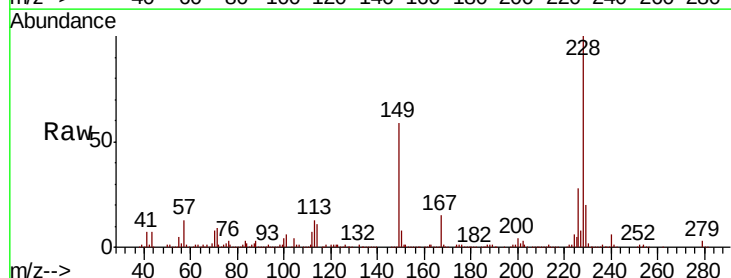
Instrument :
BNA_F
ClientSampled :

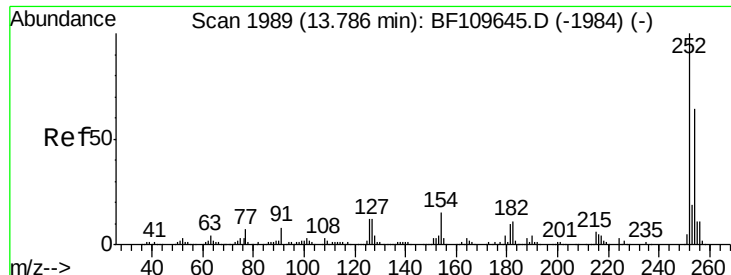
Tot Ion:149 Resp: 380610
Ion Ratio Lower Upper
149 100
91 71.4 57.2 85.8
206 19.3 15.7 23.5



#80
Benzo(a)anthracene
Concen: 37.867 ng
RT: 13.82 min Scan# 1995
Delta R.T. 0.00 min
Lab File: BF109785.D
Acq: 11 Oct 2018 14:24

Tgt Ion:228 Resp: 616100
Ion Ratio Lower Upper
228 100
226 28.1 22.1 33.1
229 19.7 15.6 23.4

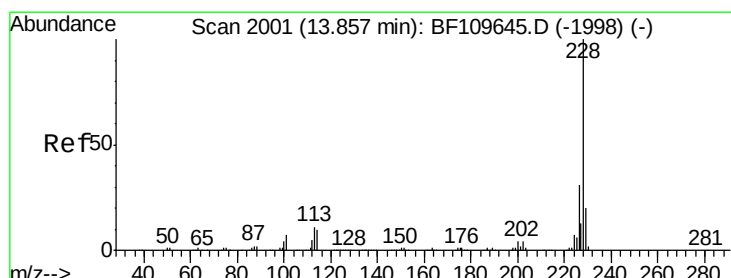
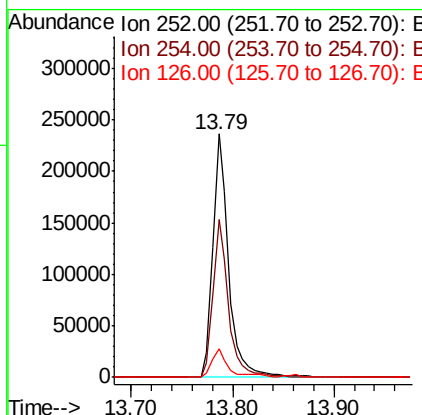
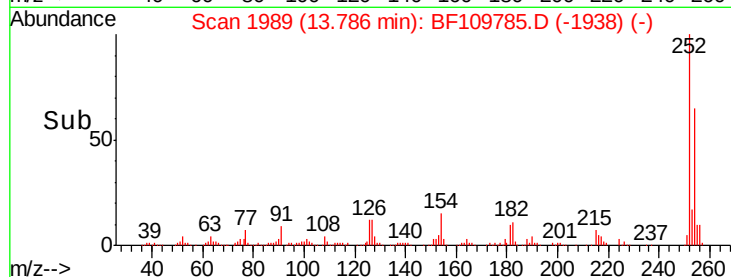
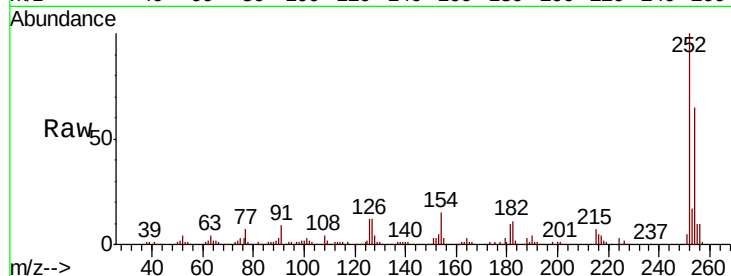




#81
 3,3'-Dichlorobenzidine
 Concen: 39.297 ng
 RT: 13.79 min Scan# 1989
 Delta R.T. 0.00 min
 Lab File: BF109785.D
 Acq: 11 Oct 2018 14:24

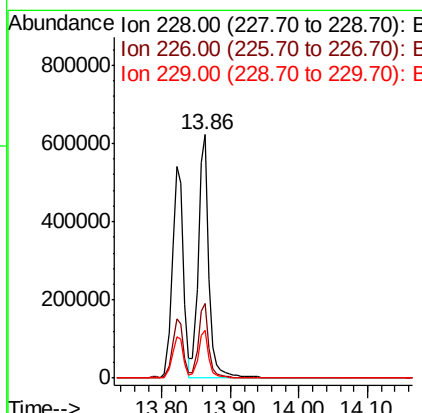
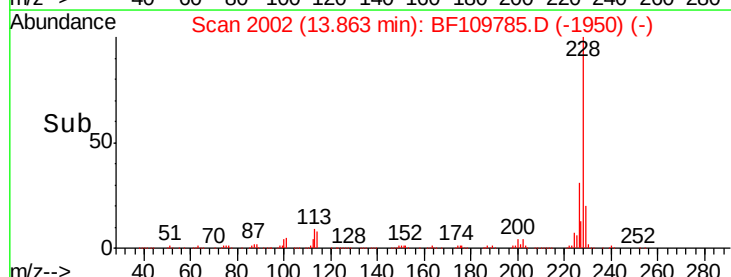
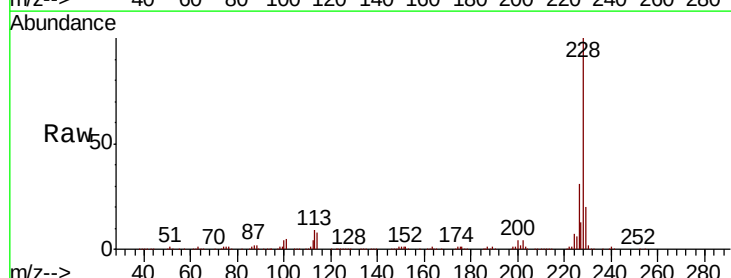
Instrument :
 BNA_F
 ClientSampleId :

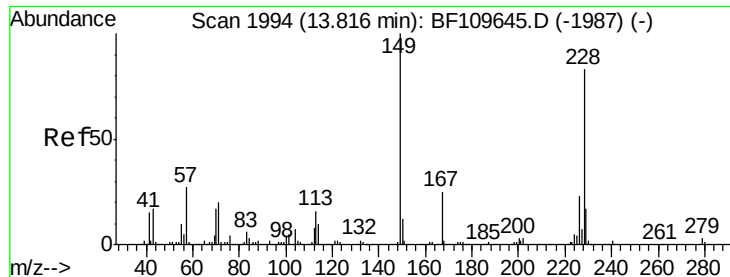
Tot Ion:252 Resp: 257442
 Ion Ratio Lower Upper
 252 100
 254 64.7 51.3 76.9
 126 11.7 9.4 14.2



#82
 Chrysene
 Concen: 39.447 ng
 RT: 13.86 min Scan# 2002
 Delta R.T. 0.01 min
 Lab File: BF109785.D
 Acq: 11 Oct 2018 14:24

Tgt Ion:228 Resp: 674139
 Ion Ratio Lower Upper
 228 100
 226 30.8 24.7 37.1
 229 19.7 15.9 23.9

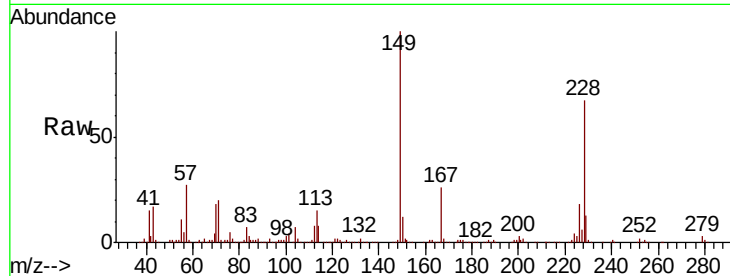




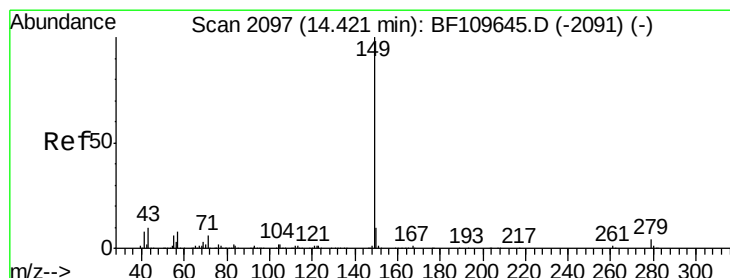
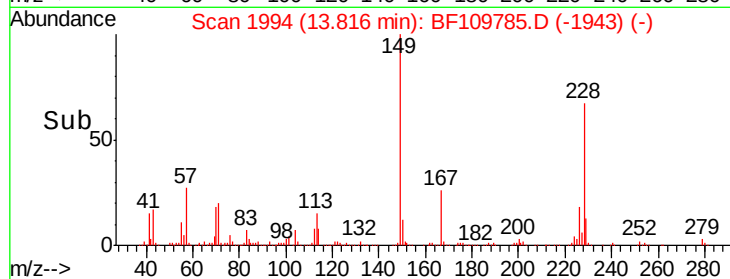
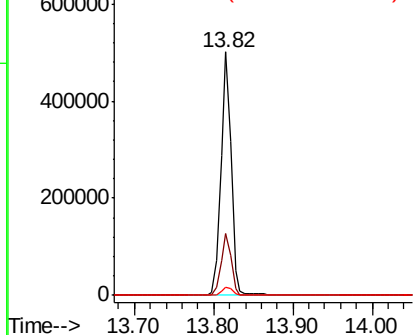
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.190 ng
 RT: 13.82 min Scan# 1994
 Delta R.T. 0.00 min
 Lab File: BF109785.D
 Acq: 11 Oct 2018 14:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 447790
 Ion Ratio Lower Upper
 149 100
 167 25.6 19.8 29.8
 279 3.4 2.7 4.1

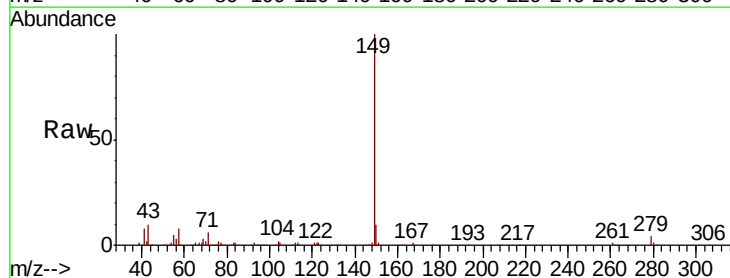


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

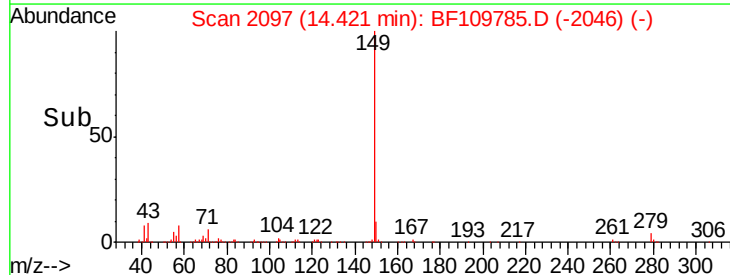
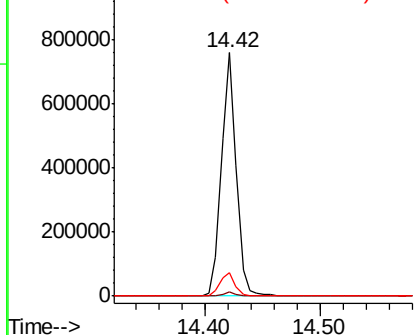


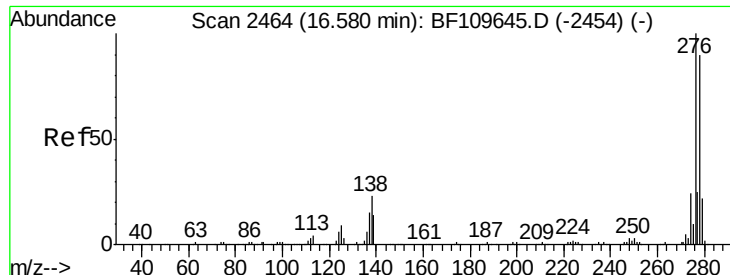
#84
 Di-n-octyl phthalate
 Concen: 37.700 ng
 RT: 14.42 min Scan# 2097
 Delta R.T. 0.00 min
 Lab File: BF109785.D
 Acq: 11 Oct 2018 14:24

Tgt Ion:149 Resp: 680874
 Ion Ratio Lower Upper
 149 100
 167 1.4 1.1 1.7
 43 9.7 7.8 11.8



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

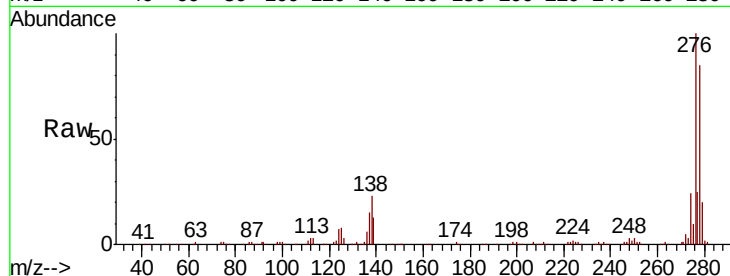




#85
Indeno(1,2,3-cd)pyrene
Concen: 43.205 ng
RT: 16.59 min Scan# 2465
Delta R.T. 0.01 min
Lab File: BF109785.D
Acq: 11 Oct 2018 14:24

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.7	18.5	27.7
277	24.7	20.0	30.0

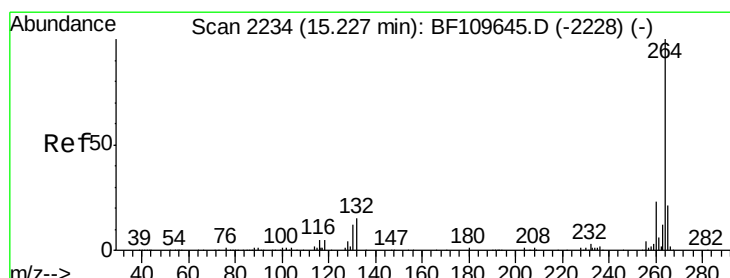
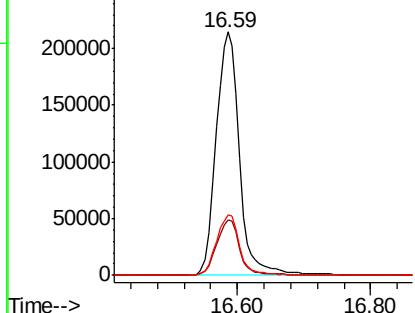
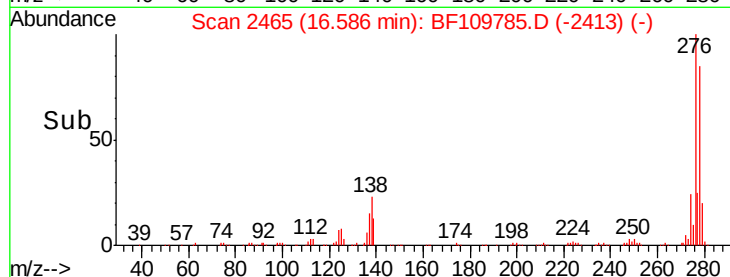


Abundance

Ion 276.00 (275.70 to 276.70): E

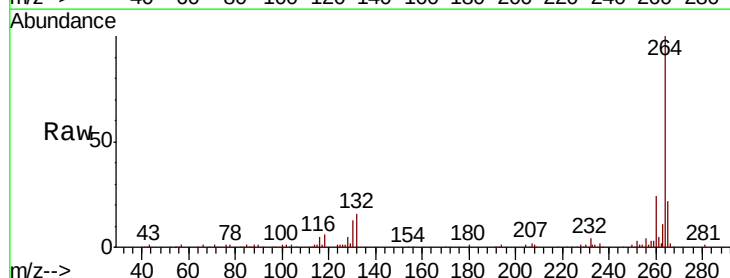
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2234
Delta R.T. 0.00 min
Lab File: BF109785.D
Acq: 11 Oct 2018 14:24

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.7	28.1
265	22.2	16.7	25.1

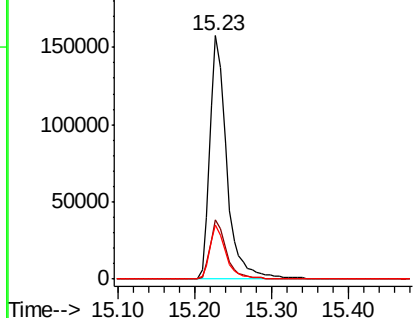
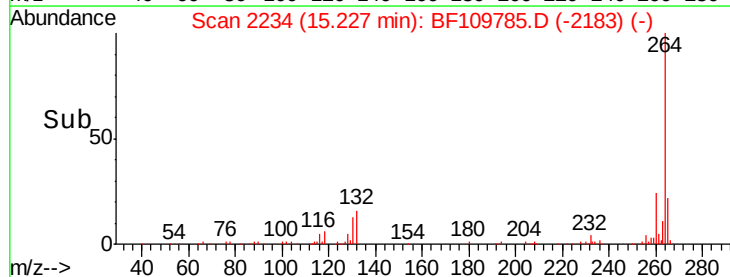


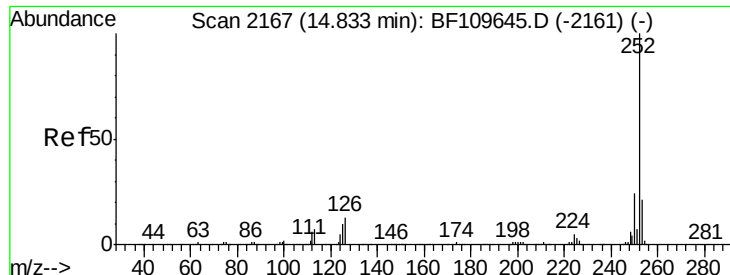
Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

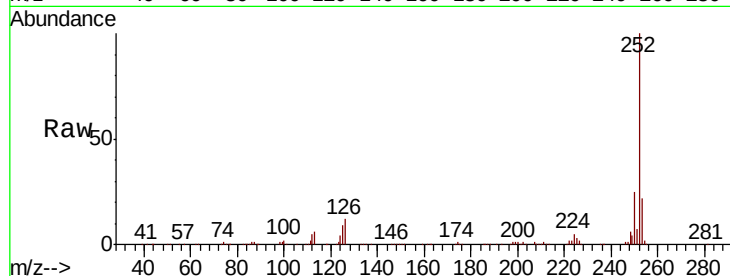




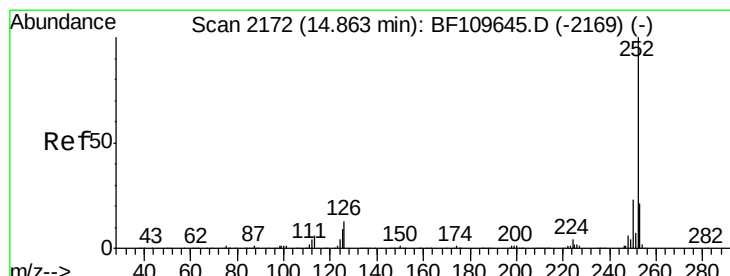
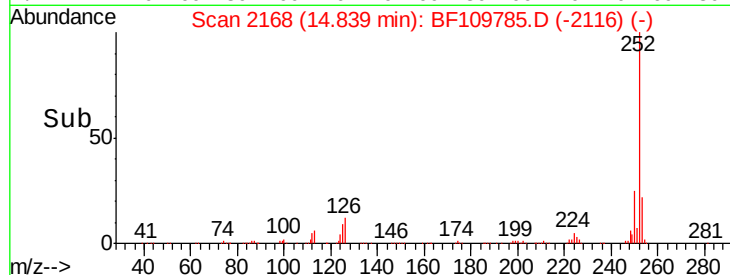
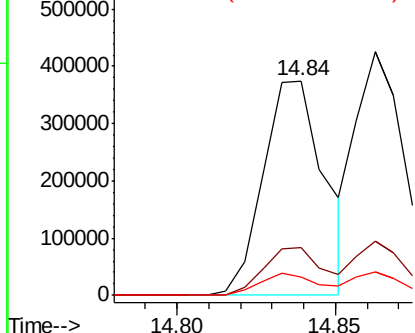
#87
Benzo(b)fluoranthene
Concen: 38.113 ng
RT: 14.84 min Scan# 2168
Delta R.T. 0.01 min
Lab File: BF109785.D
Acq: 11 Oct 2018 14:24

Instrument :
BNA_F
ClientSampled :

Tot Ion:252 Resp: 503261
Ion Ratio Lower Upper
252 100
253 22.2 17.2 25.8
125 8.7 8.2 12.4

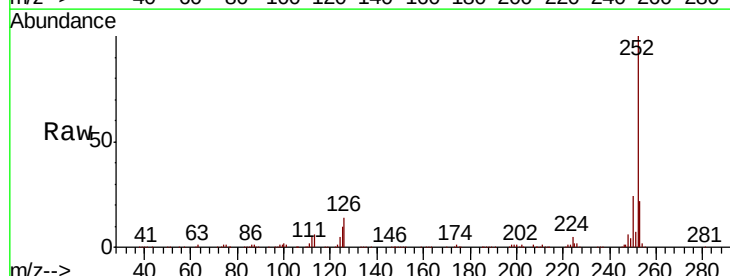


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

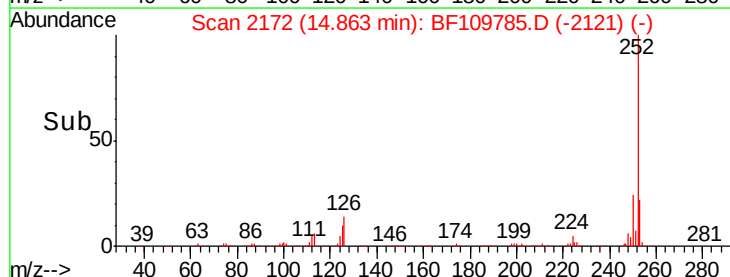
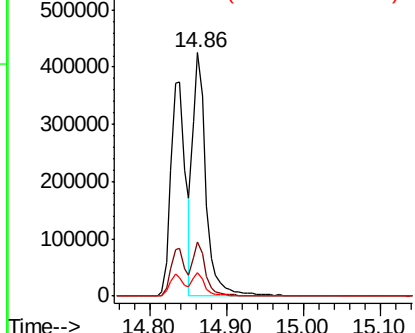


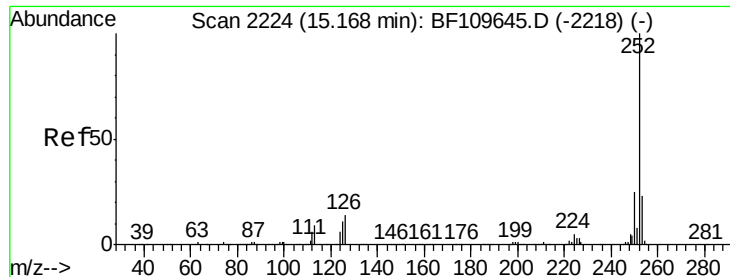
#88
Benzo(k)fluoranthene
Concen: 38.078 ng
RT: 14.86 min Scan# 2172
Delta R.T. 0.00 min
Lab File: BF109785.D
Acq: 11 Oct 2018 14:24

Tgt Ion:252 Resp: 505196
Ion Ratio Lower Upper
252 100
253 22.1 17.2 25.8
125 9.7 7.4 11.0



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 38.976 ng

RT: 15.17 min Scan# 2225

Delta R.T. 0.01 min

Lab File: BF109785.D

Acq: 11 Oct 2018 14:24

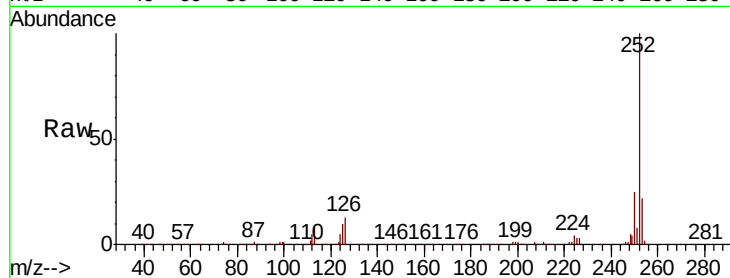
Instrument :

BNA_F

ClientSampleId :

Tot Ion:252 Resp: 467043

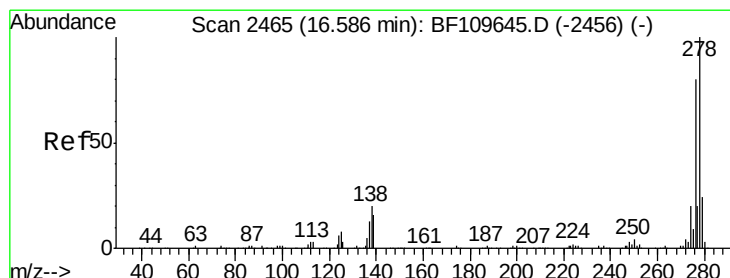
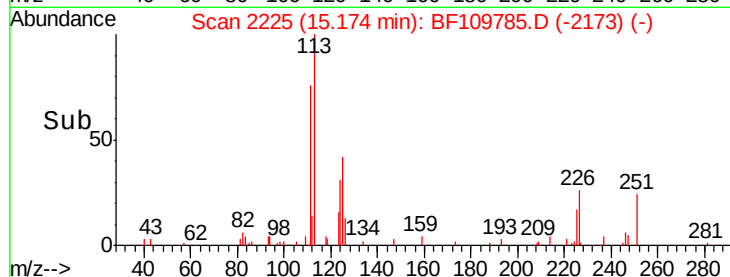
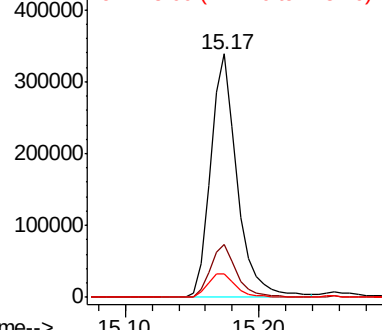
Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.2	27.4
125	9.8	9.0	13.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 44.247 ng

RT: 16.59 min Scan# 2466

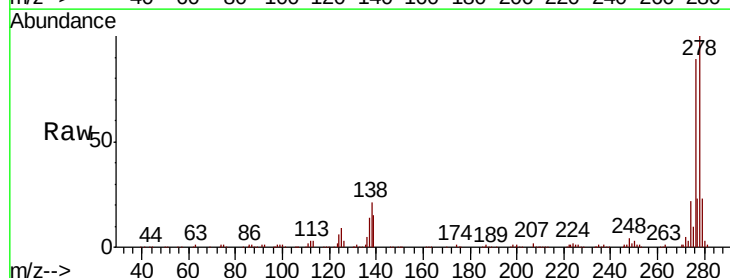
Delta R.T. 0.01 min

Lab File: BF109785.D

Acq: 11 Oct 2018 14:24

Tgt Ion:278 Resp: 435449

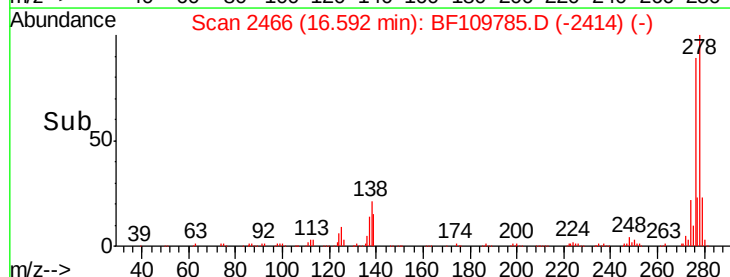
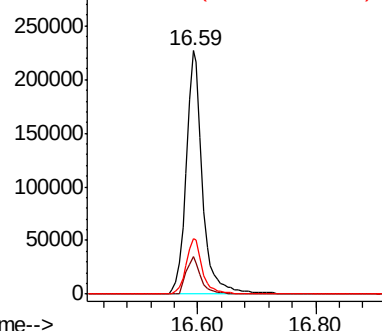
Ion	Ratio	Lower	Upper
278	100		
139	15.4	12.7	19.1
279	23.0	19.0	28.4

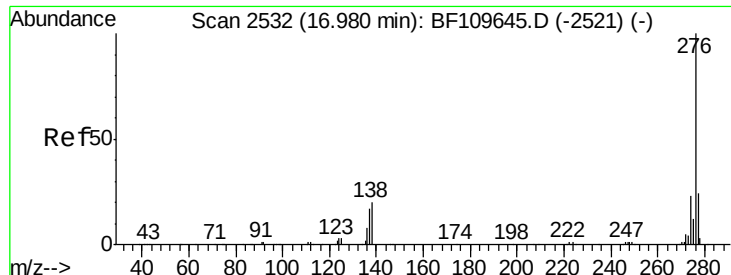


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

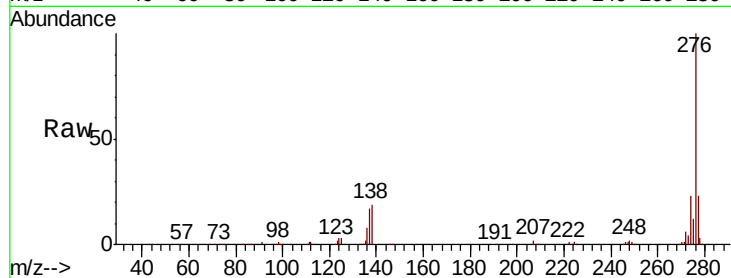




#91
 Benzo(a,h,i)perylene
 Concen: 45.452 ng
 RT: 16.99 min Scan# 2533
 Delta R.T. 0.01 min
 Lab File: BF109785.D
 Acq: 11 Oct 2018 14:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.8	28.2
138	19.4	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

