

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101118\
 Data File : BF109787.D
 Acq On : 11 Oct 2018 15:24
 Operator : JU/SJ
 Sample : J5309-15MS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 11 16:37:33 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	78871	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	319433	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	149925	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	273286	20.00	ng	0.00
75) Chrysene-d12	13.83	240	178262	20.00	ng	0.00
86) Perylene-d12	15.23	264	204833	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	530367	119.36	ng	0.00
7) Phenol-d6	6.35	99	680182	114.59	ng	0.00
23) Nitrobenzene-d5	7.26	82	421326	72.71	ng	0.00
41) 2,4,6-Tribromophenol	10.52	330	171073	104.72	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	788644	72.45	ng	0.00
78) Terphenyl-d14	12.78	244	662330	71.93	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.40	88	67592	28.985	ng	97
3) Pyridine	3.13	79	137679	28.617	ng	99
4) n-Nitrosodimethylamine	3.06	42	66221	38.134	ng	# 91
6) Aniline	6.37	93	104604	15.128	ng	# 51
8) 2-Chlorophenol	6.49	128	209722	38.377	ng	97
9) Benzaldehyde	6.25	77	94195	24.660	ng	98
10) Phenol	6.36	94	235615	34.616	ng	# 76
11) bis(2-Chloroethyl)ether	6.43	93	173428	30.734	ng	98
12) 1,3-Dichlorobenzene	6.63	146	212041	33.925	ng	98
13) 1,4-Dichlorobenzene	6.71	146	235643	34.586	ng	99
14) 1,2-Dichlorobenzene	6.86	146	208420	34.833	ng	99
15) Benzyl Alcohol	6.85	79	166252	37.780	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.97	45	264209	35.311	ng	99
17) 2-Methylphenol	6.96	107	162615	37.630	ng	92
18) Hexachloroethane	7.20	117	85609	35.549	ng	95
19) n-Nitroso-di-n-propylamine	7.12	70	152967	36.748	ng	97
20) 3+4-Methylphenols	7.12	107	202196	37.971	ng	94
22) Acetophenone	7.11	105	302716	39.189	ng	# 98
24) Nitrobenzene	7.28	77	216978	35.984	ng	99
25) Isophorone	7.52	82	413029	42.922	ng	100
26) 2-Nitrophenol	7.60	139	99418	35.249	ng	96
27) 2,4-Dimethylphenol	7.65	122	183254	44.993	ng	99
28) bis(2-Chloroethoxy)methane	7.73	93	257303	39.531	ng	99
29) 2,4-Dichlorophenol	7.85	162	174332	38.160	ng	99
30) 1,2,4-Trichlorobenzene	7.92	180	184010	36.385	ng	100
31) Naphthalene	8.00	128	607085	41.094	ng	100
32) Benzoic acid	7.65	122	183254	62.931	ng	# 12
33) 4-Chloroaniline	8.06	127	61211	9.409	ng	95
34) Hexachlorobutadiene	8.12	225	113228	36.009	ng	97
35) Caprolactam	8.42	113	28675	21.018	ng	98
36) 4-Chloro-3-methylphenol	8.55	107	188898	39.171	ng	99
37) 2-Methylnaphthalene	8.69	142	400484	41.386	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	189723	37.175	ng	98
40) Hexachlorocyclopentadiene	8.85	237	147592	67.303	ng	100

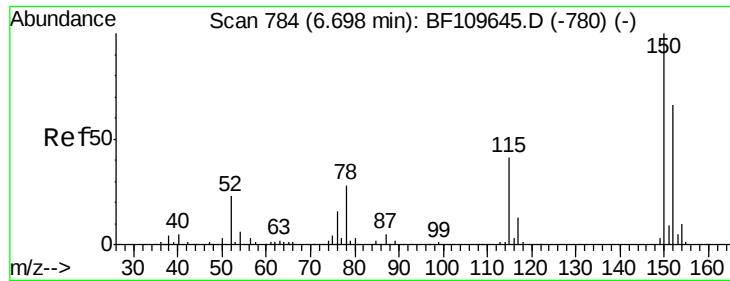
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101118\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.97	196	112845	36.988	nq	99
43) 2,4,5-Trichlorophenol	9.02	196	130445	37.187	nq	98
45) 1,1'-Biphenyl	9.15	154	491311	36.683	nq	99
46) 2-Chloronaphthalene	9.17	162	377942	37.665	nq	99
47) 2-Nitroaniline	9.27	65	119949	39.479	nq	96
48) Acenaphthylene	9.59	152	594289	40.625	nq	99
49) Dimethylphthalate	9.45	163	501408	45.601	nq	100
50) 2,6-Dinitrotoluene	9.52	165	93289	39.140	nq	98
51) Acenaphthene	9.76	154	332396	38.330	nq	99
52) 3-Nitroaniline	9.69	138	43164	16.156	nq	91
53) 2,4-Dinitrophenol	9.81	184	9899	12.873	nq	# 51
54) Dibenzofuran	9.93	168	503312	38.719	nq	99
55) 4-Nitrophenol	9.87	139	84837	58.010	nq	87
56) 2,4-Dinitrotoluene	9.92	165	119305	40.110	nq	99
57) Fluorene	10.27	166	398482	41.049	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.06	232	105677	37.060	nq	97
59) Diethylphthalate	10.15	149	428673	39.347	nq	99
60) 4-Chlorophenyl-phenylether	10.26	204	193924	37.867	nq	100
61) 4-Nitroaniline	10.30	138	86059	34.781	nq	99
62) Azobenzene	10.42	77	430549	38.917	nq	100
64) 4,6-Dinitro-2-methylphenol	10.33	198	25617	19.259	nq	89
65) n-Nitrosodiphenylamine	10.39	169	362003	39.074	nq	99
66) 4-Bromophenyl-phenylether	10.75	248	120567	38.396	nq	97
67) Hexachlorobenzene	10.82	284	128386	37.758	nq	98
68) Atrazine	10.91	200	110471	38.209	nq	99
69) Pentachlorophenol	11.02	266	85683	44.782	nq	99
70) Phenanthrene	11.23	178	537610	39.310	nq	100
71) Anthracene	11.28	178	595589	42.128	nq	99
72) Carbazole	11.44	167	488054	35.594	nq	99
73) Di-n-butylphthalate	11.76	149	622073	39.116	nq	100
74) Fluoranthene	12.41	202	524408	36.704	nq	97
76) Benzidine	12.54	184	117112	17.685	nq	100
77) Pyrene	12.63	202	504427	38.622	nq	99
79) Butylbenzylphthalate	13.25	149	214378	37.859	nq	99
80) Benzo(a)anthracene	13.82	228	390382	39.684	nq	99
81) 3,3'-Dichlorobenzidine	13.79	252	81441	20.561	nq	99
82) Chrysene	13.86	228	409328	39.614	nq	99
83) Bis(2-ethylhexyl)phthalate	13.82	149	283888	41.093	nq	98
84) Di-n-octyl phthalate	14.42	149	524123	47.998	nq	99
85) Indeno(1,2,3-cd)pyrene	16.59	276	510297	68.998	nq	99
87) Benzo(b)fluoranthene	14.83	252	381746	33.725	nq	99
88) Benzo(k)fluoranthene	14.86	252	444078	39.046	nq	99
89) Benzo(a)pyrene	15.17	252	415344	40.434	nq	97
90) Dibenzo(a,h)anthracene	16.59	278	424398	50.306	nq	98
91) Benzo(g,h,i)perylene	16.99	276	423921	50.321	nq	99

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

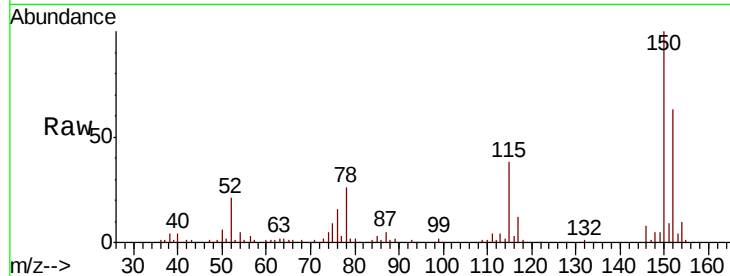


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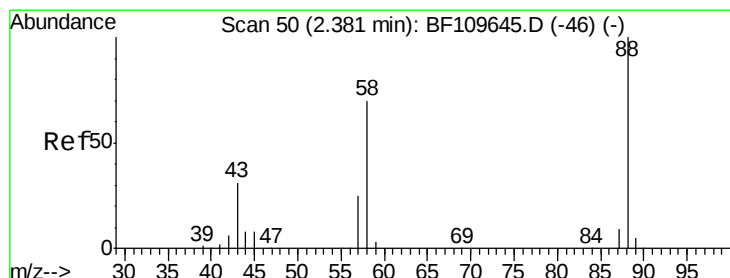
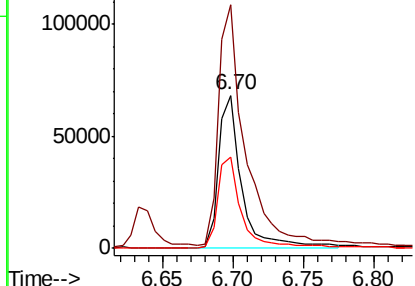
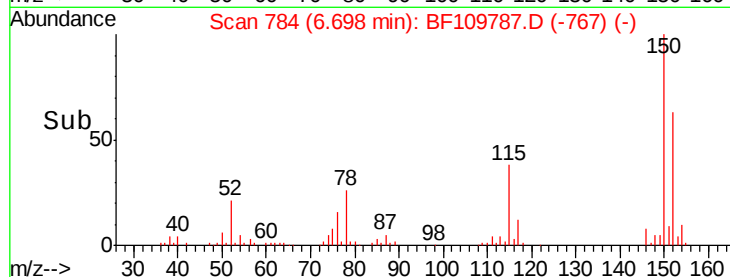
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF109787.D
Acq: 11 Oct 2018 15:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 78871
Ion Ratio Lower Upper
152 100
150 158.8 122.7 184.1
115 59.7 49.1 73.7



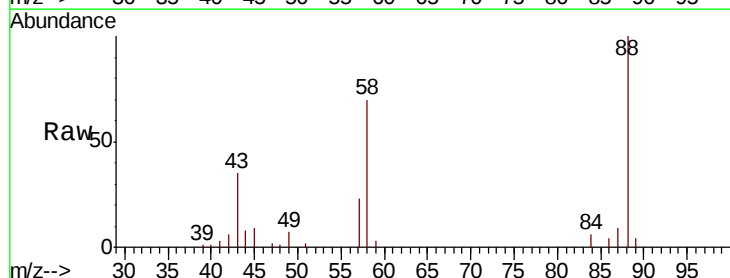
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



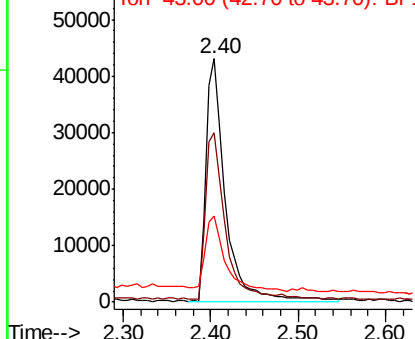
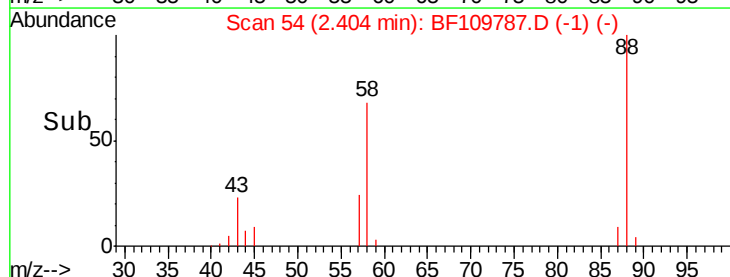
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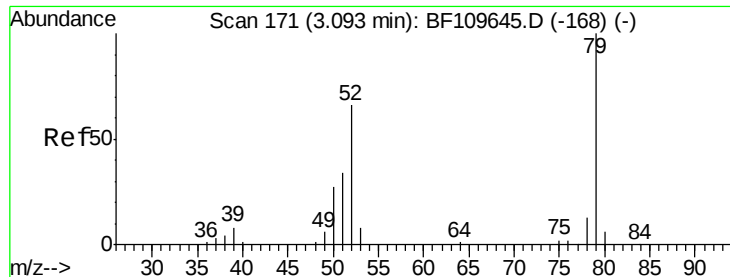
1,4-Dioxane
Concen: 28.985 ng
RT: 2.40 min Scan# 54
Delta R.T. 0.02 min
Lab File: BF109787.D
Acq: 11 Oct 2018 15:24

Tgt Ion: 88 Resp: 67592
Ion Ratio Lower Upper
88 100
58 68.9 57.1 85.7
43 31.4 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: 28.617 ng

RT: 3.13 min Scan# 178

Delta R.T. 0.04 min

Lab File: BF109787.D

Acq: 11 Oct 2018 15:24

Instrument :

BNA_F

ClientSampled :

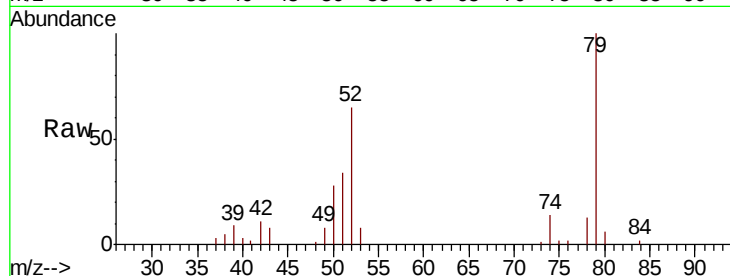
Tot Ion: 79 Resp: 137679

Ion Ratio Lower Upper

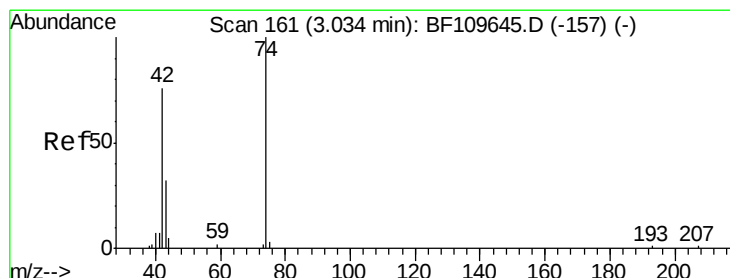
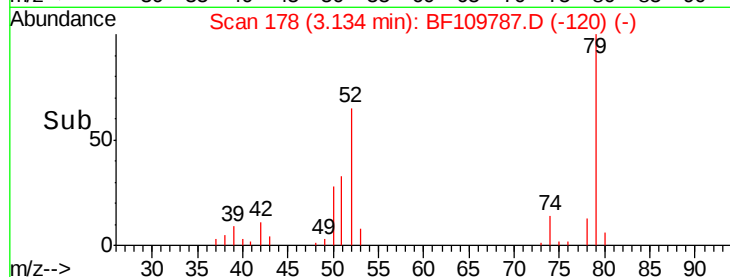
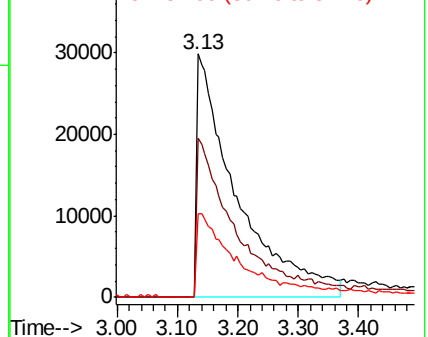
79 100

52 65.4 53.1 79.7

51 34.2 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: 38.134 ng

RT: 3.06 min Scan# 165

Delta R.T. 0.02 min

Lab File: BF109787.D

Acq: 11 Oct 2018 15:24

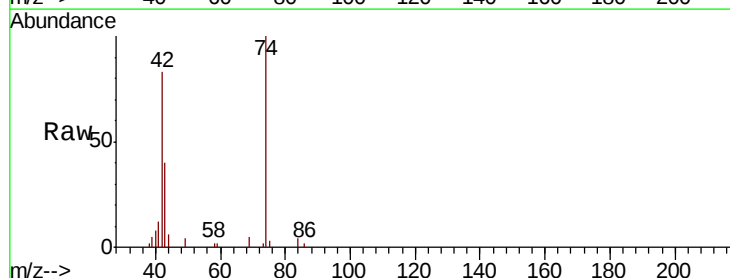
Tgt Ion: 42 Resp: 66221

Ion Ratio Lower Upper

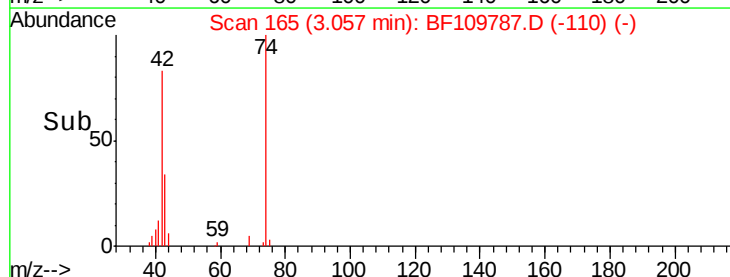
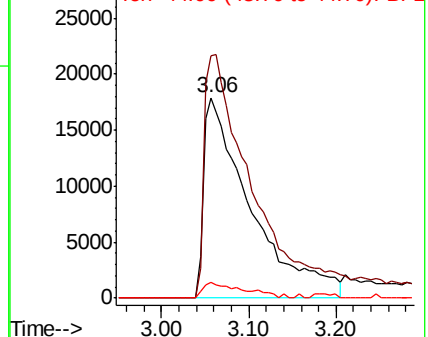
42 100

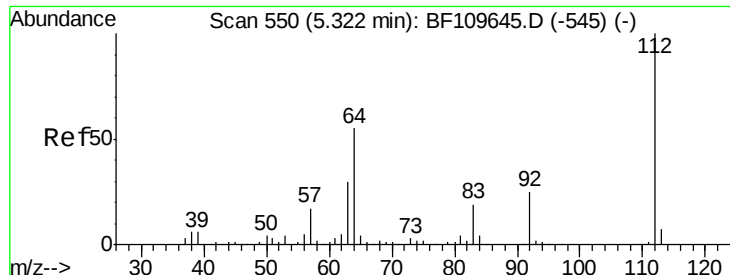
74 120.8 105.5 158.3

44 7.8 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

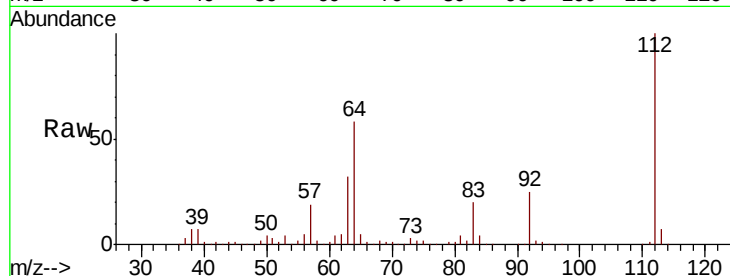




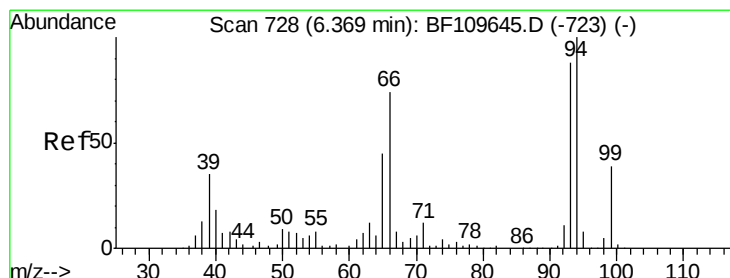
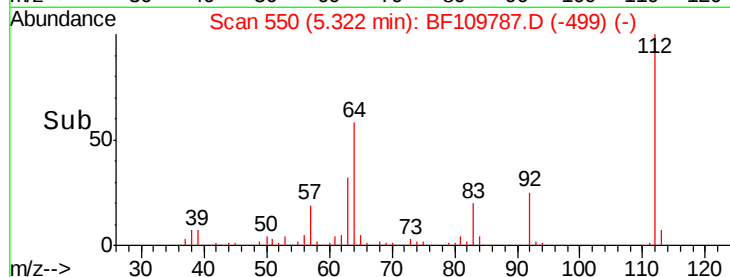
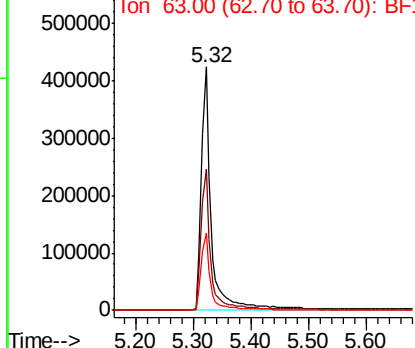
#5
 2-Fluorophenol
 Concen: 119.362 ng
 RT: 5.32 min Scan# 550
 Delta R.T. 0.00 min
 Lab File: BF109787.D
 Acq: 11 Oct 2018 15:24

Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 112 Resp: 530367
 Ion Ratio Lower Upper
 112 100
 64 58.1 44.1 66.1
 63 31.9 23.7 35.5

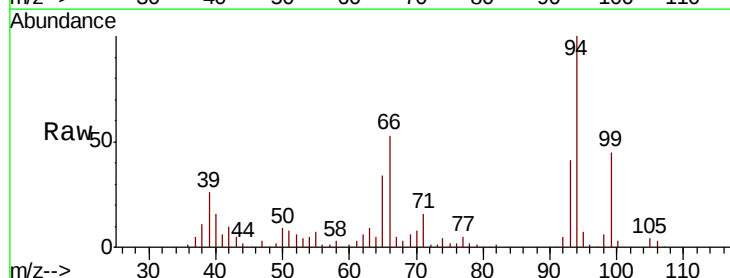


Abundance Ion 112.00 (111.70 to 112.70): BF1
 Ion 64.00 (63.70 to 64.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1

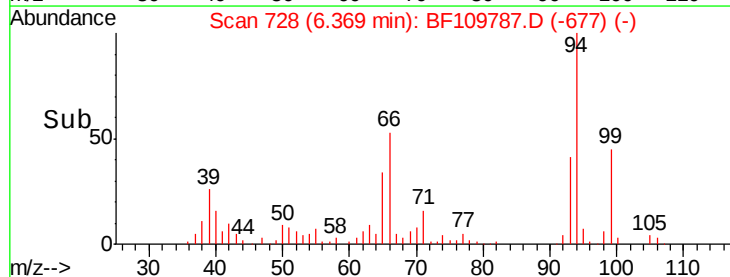
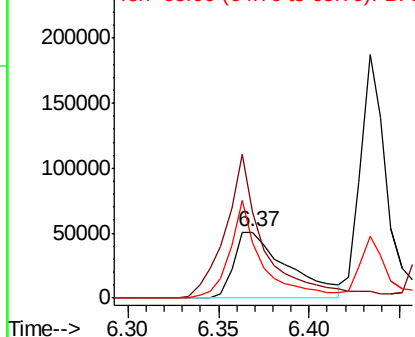


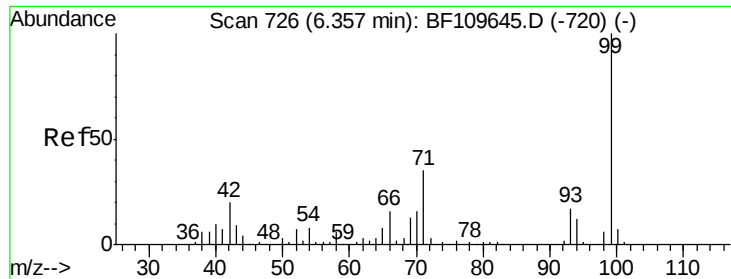
#6
 Aniline
 Concen: 15.128 ng
 RT: 6.37 min Scan# 728
 Delta R.T. -0.00 min
 Lab File: BF109787.D
 Acq: 11 Oct 2018 15:24

Tgt Ion: 93 Resp: 104604
 Ion Ratio Lower Upper
 93 100
 66 130.0 67.4 101.0#
 65 83.0 41.0 61.4#



Abundance Ion 93.00 (92.70 to 93.70): BF1
 Ion 66.00 (65.70 to 66.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 114.589 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF109787.D

Acq: 11 Oct 2018 15:24

Instrument :

BNA_F

ClientSampleId :

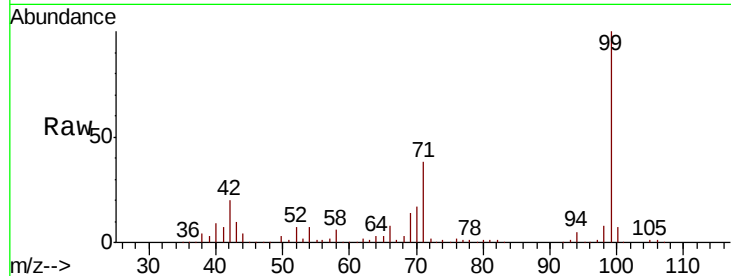
Tot Ion: 99 Resp: 680182

Ion Ratio Lower Upper

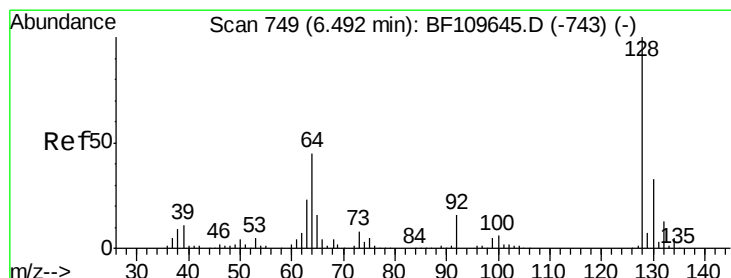
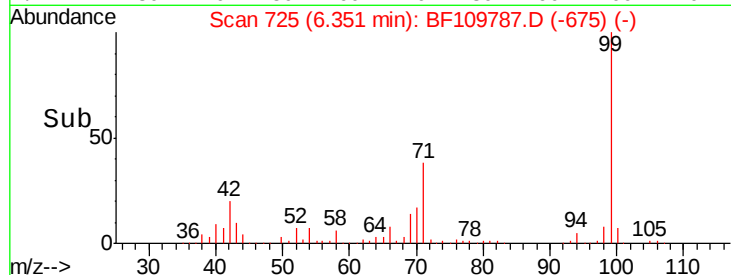
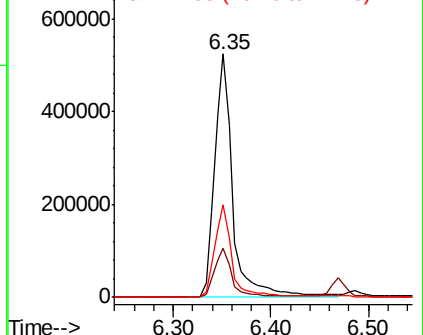
99 100

42 20.1 15.8 23.6

71 38.0 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: 38.377 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF109787.D

Acq: 11 Oct 2018 15:24

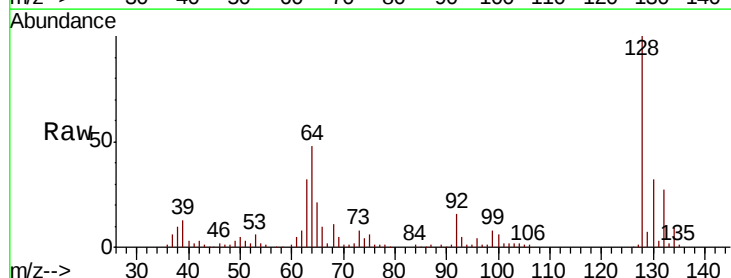
Tgt Ion:128 Resp: 209722

Ion Ratio Lower Upper

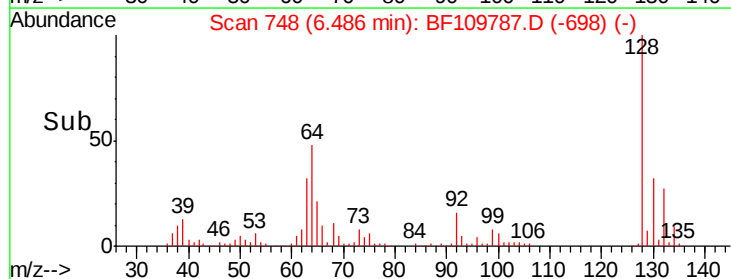
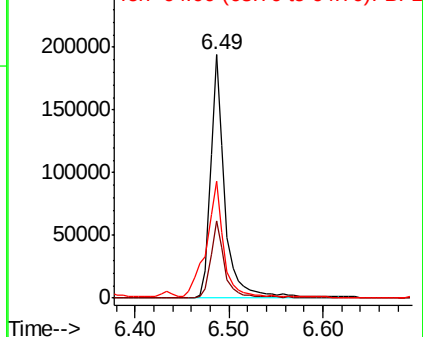
128 100

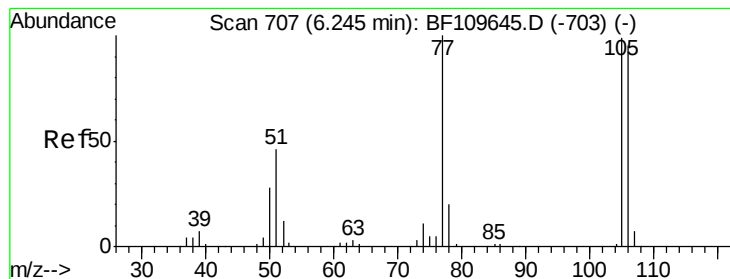
130 31.7 13.1 53.1

64 48.1 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: 24.660 ng

RT: 6.25 min Scan# 707

Delta R.T. -0.00 min

Lab File: BF109787.D

Acq: 11 Oct 2018 15:24

Instrument :

BNA_F

ClientSampleId :

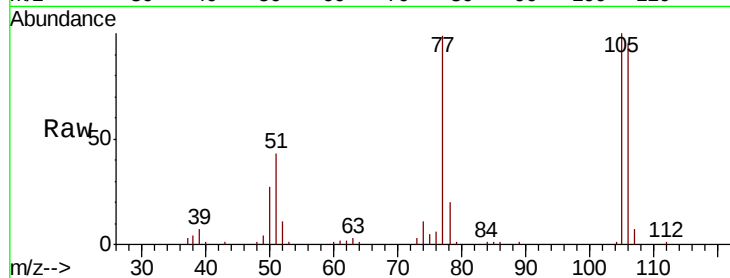
Tot Ion: 77 Resp: 94195

Ion Ratio Lower Upper

77 100

105 101.0 78.6 118.6

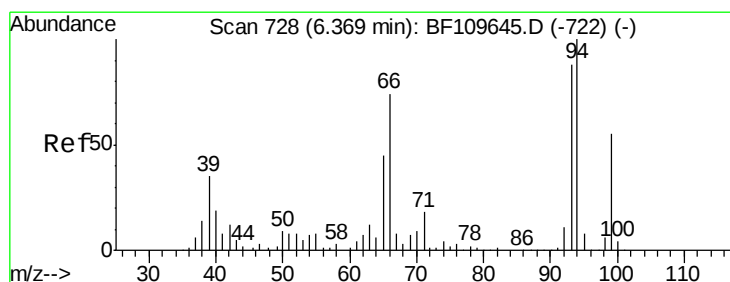
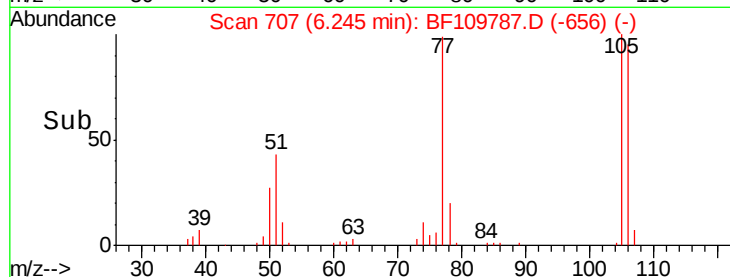
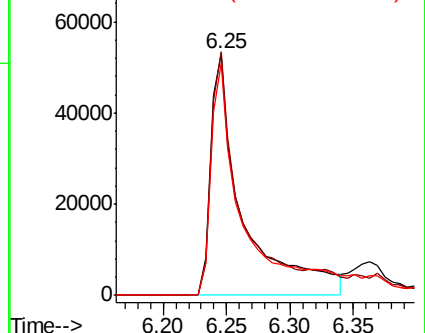
106 96.3 74.8 114.8



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: 34.616 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF109787.D

Acq: 11 Oct 2018 15:24

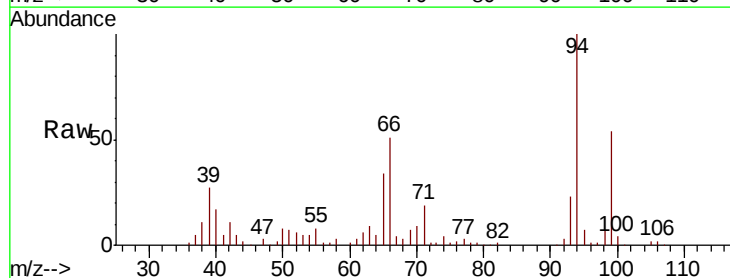
Tgt Ion: 94 Resp: 235615

Ion Ratio Lower Upper

94 100

65 34.4 25.3 65.3

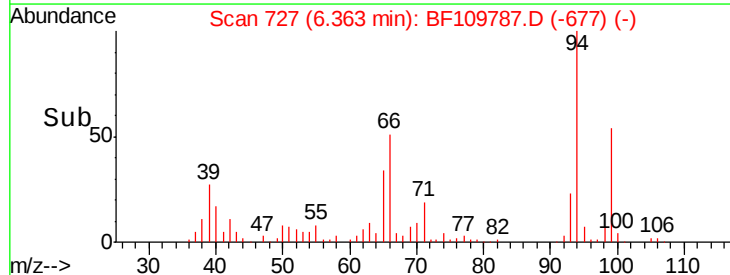
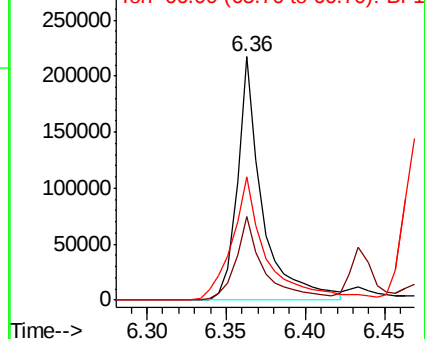
66 50.9 54.5 94.5#



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

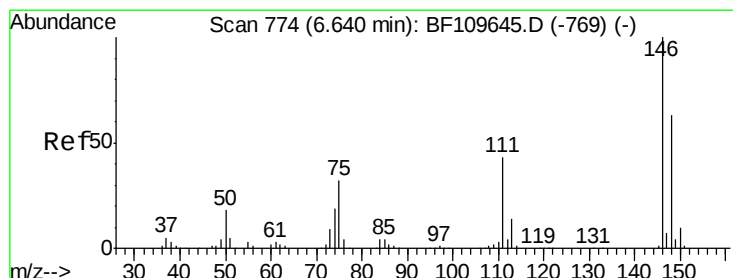
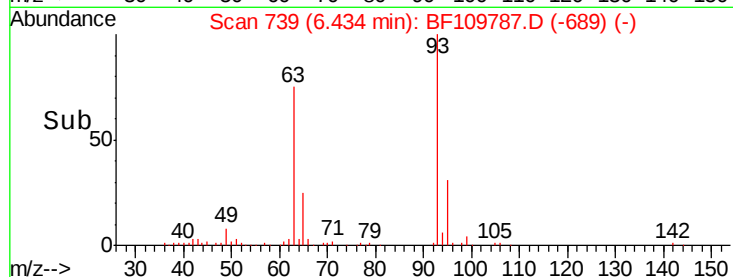
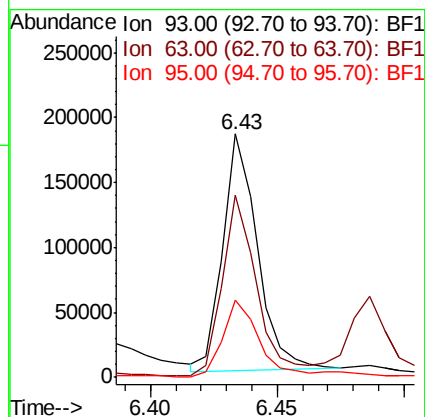
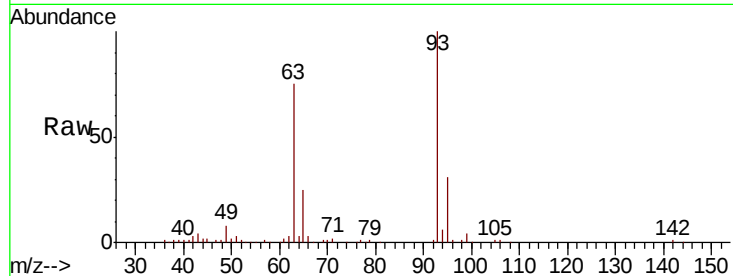




#11
bis(2-Chloroethyl)ether
Concen: 30.734 ng
RT: 6.43 min Scan# 739
Delta R.T. -0.01 min
Lab File: BF109787.D
Acq: 11 Oct 2018 15:24

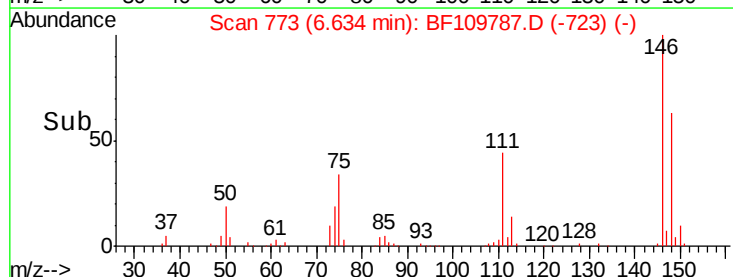
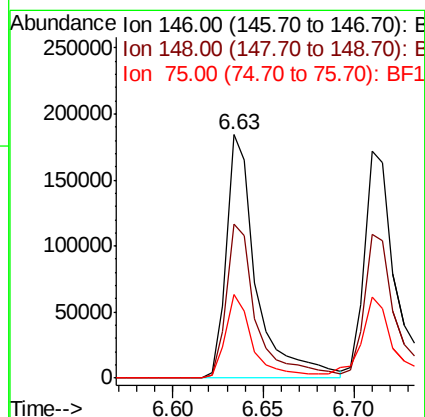
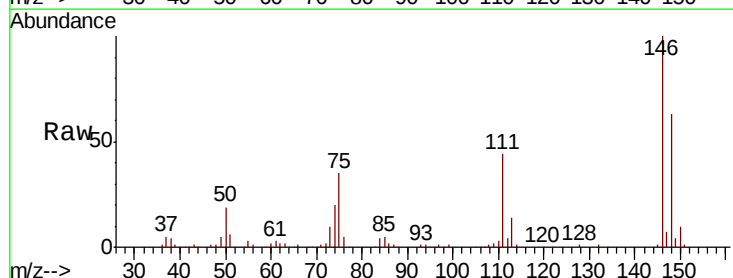
Instrument :
BNA_F
ClientSampleId :

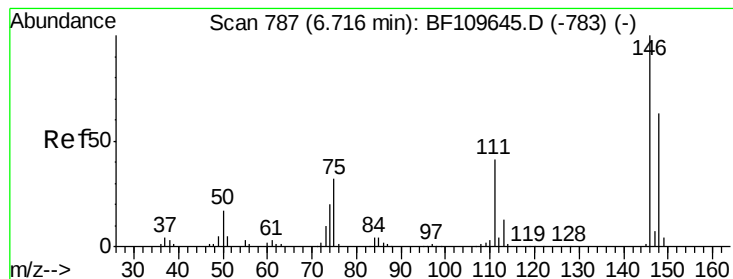
Tot Ion: 93 Resp: 173428
Ion Ratio Lower Upper
93 100
63 75.0 53.4 93.4
95 31.5 12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 33.925 ng
RT: 6.63 min Scan# 773
Delta R.T. -0.01 min
Lab File: BF109787.D
Acq: 11 Oct 2018 15:24

Tgt Ion: 146 Resp: 212041
Ion Ratio Lower Upper
146 100
148 63.1 50.4 75.6
75 34.5 25.8 38.6





#13

1,4-Dichlorobenzene

Concen: 34.586 ng

RT: 6.71 min Scan# 786

Delta R.T. -0.01 min

Lab File: BF109787.D

Acq: 11 Oct 2018 15:24

Instrument :

BNA_F

ClientSampled :

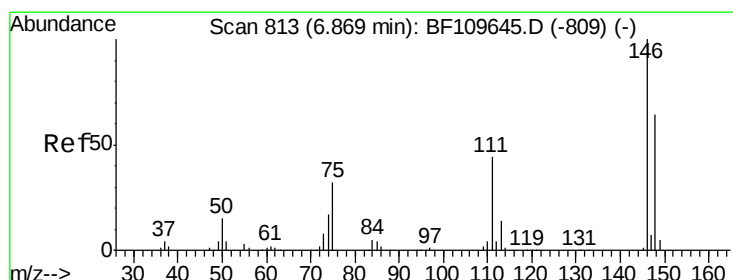
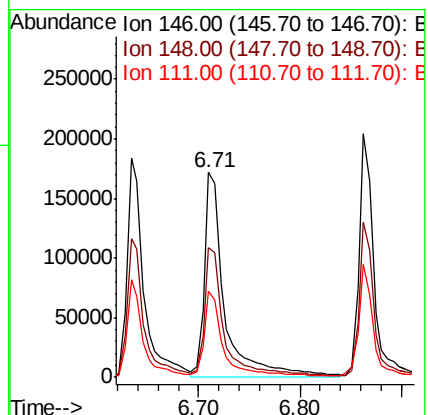
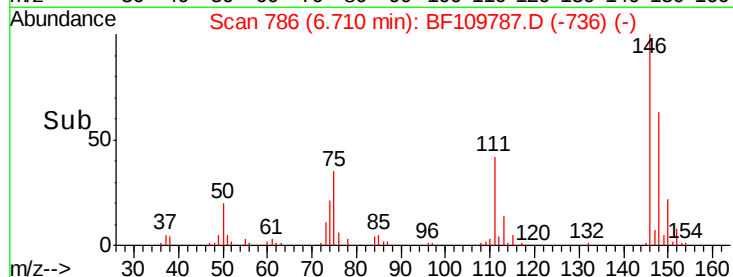
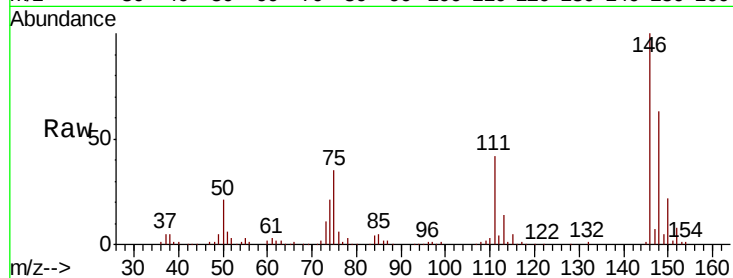
Tot Ion:146 Resp: 235643

Ion Ratio Lower Upper

146 100

148 63.3 50.3 75.5

111 42.2 32.7 49.1



#14

1,2-Dichlorobenzene

Concen: 34.833 ng

RT: 6.86 min Scan# 812

Delta R.T. -0.01 min

Lab File: BF109787.D

Acq: 11 Oct 2018 15:24

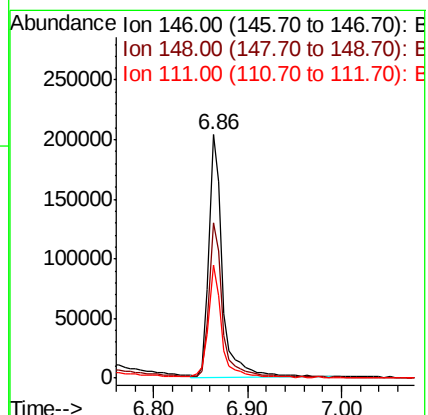
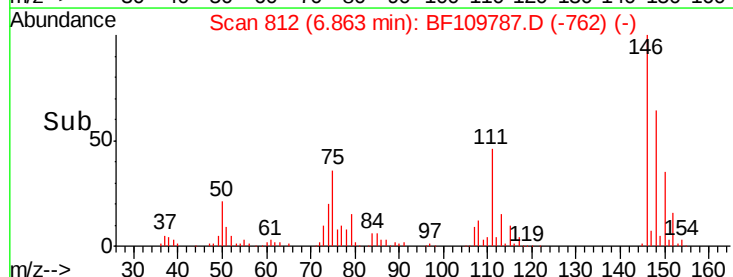
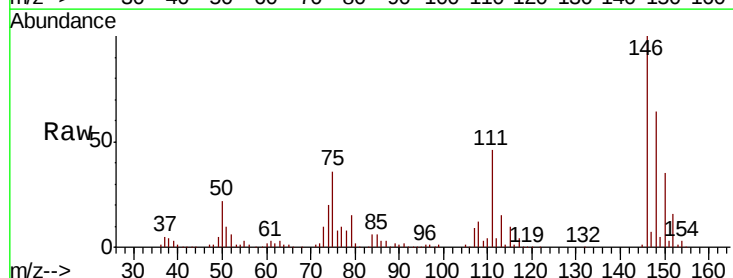
Tgt Ion:146 Resp: 208420

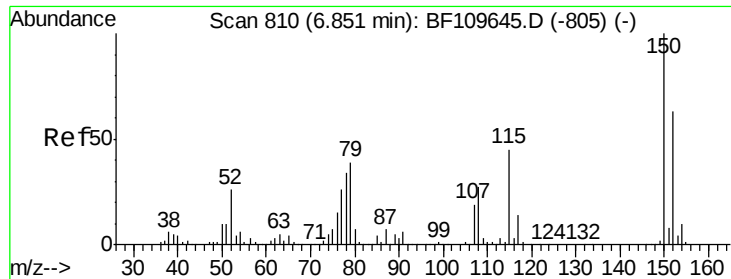
Ion Ratio Lower Upper

146 100

148 64.0 51.1 76.7

111 46.4 35.8 53.6

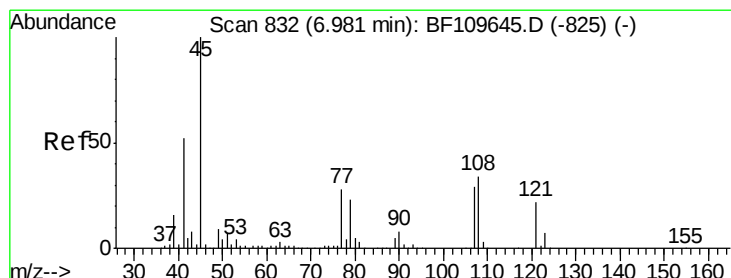
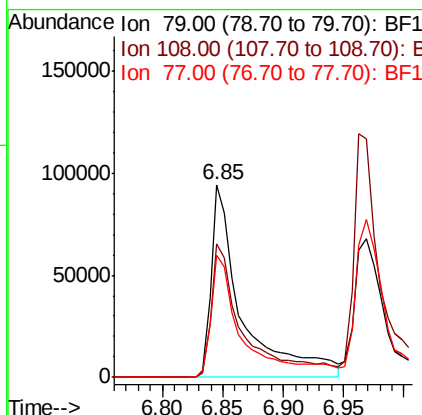
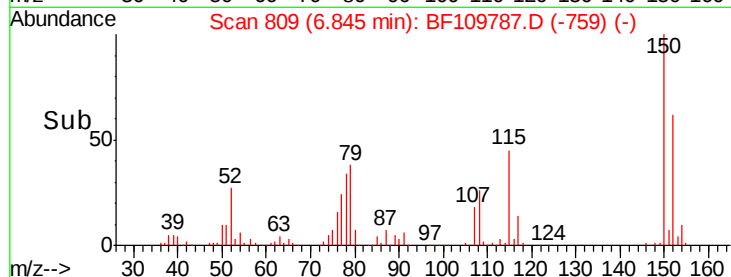
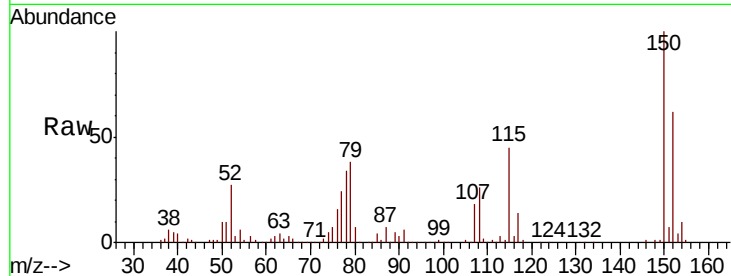




#15
Benzyl Alcohol
Concen: 37.780 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF109787.D
Acq: 11 Oct 2018 15:24

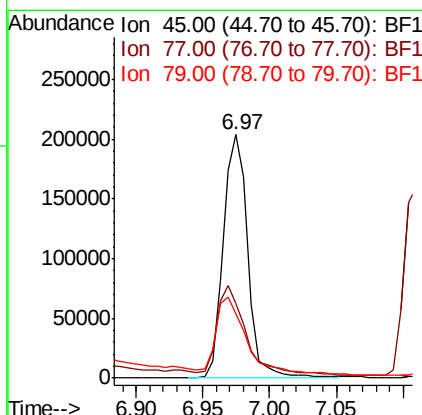
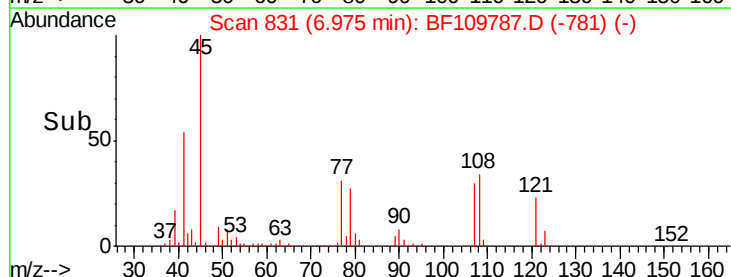
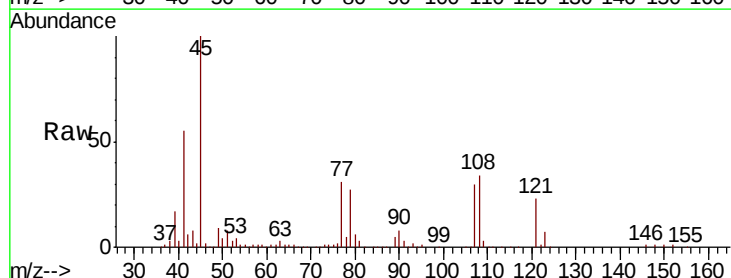
Instrument :
BNA_F
ClientSampled :

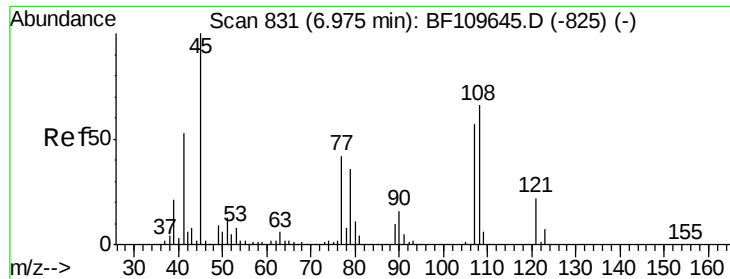
Tot Ion: 79 Resp: 166252
Ion Ratio Lower Upper
79 100
108 69.1 56.3 84.5
77 63.1 52.9 79.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.311 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF109787.D
Acq: 11 Oct 2018 15:24

Tgt Ion: 45 Resp: 264209
Ion Ratio Lower Upper
45 100
77 30.8 10.0 50.0
79 26.7 6.1 46.1

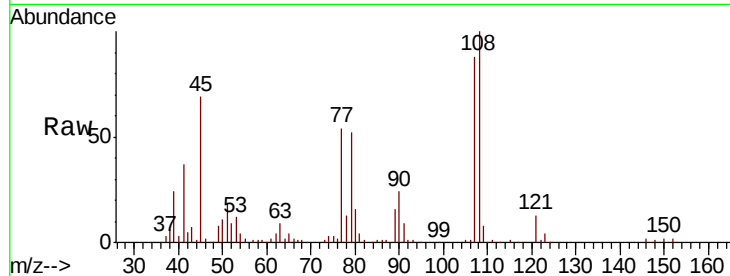




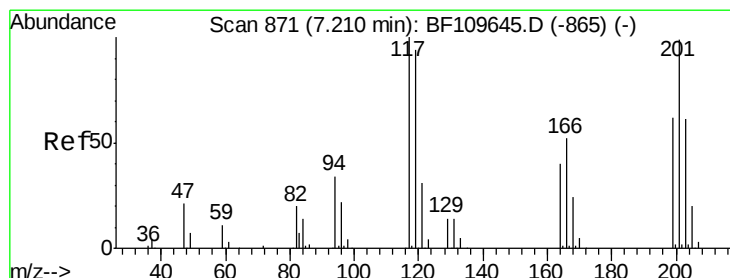
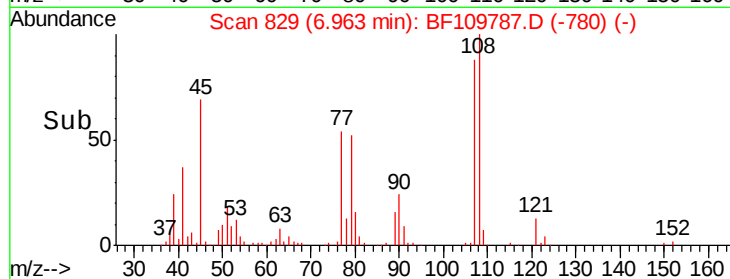
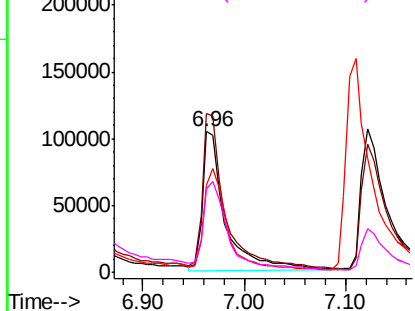
#17
2-Methylphenol
Concen: 37.630 ng
RT: 6.96 min Scan# 829
Delta R.T. -0.01 min
Lab File: BF109787.D
Acq: 11 Oct 2018 15:24

Instrument :
BNA_F
ClientSampled :

Tot Ion:	107	Resp:	162615
Ion	Ratio	Lower	Upper
107	100		
108	113.5	92.6	138.8
77	61.6	59.4	89.2
79	59.2	54.0	81.0

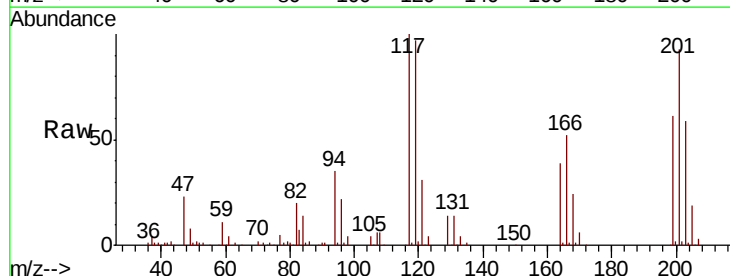


Abundance Ion 107.00 (106.70 to 107.70): E
250000
Ion 108.00 (107.70 to 108.70): E
200000
Ion 77.00 (76.70 to 77.70): BF1
150000
Ion 79.00 (78.70 to 79.70): BF1
100000
50000
0

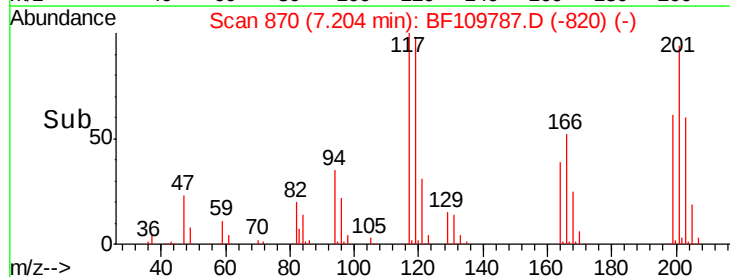
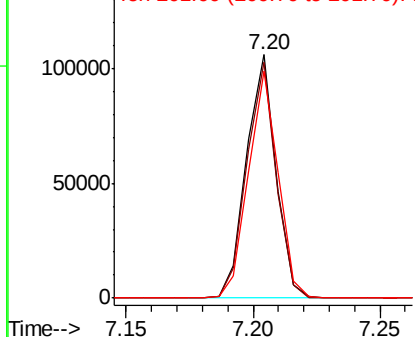


#18
Hexachloroethane
Concen: 35.549 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF109787.D
Acq: 11 Oct 2018 15:24

Tgt Ion:	117	Resp:	85609
Ion	Ratio	Lower	Upper
117	100		
119	96.9	75.0	112.6
201	93.3	79.2	118.8



Abundance Ion 117.00 (116.70 to 117.70): E
100000
Ion 119.00 (118.70 to 119.70): E
50000
Ion 201.00 (200.70 to 201.70): E
0

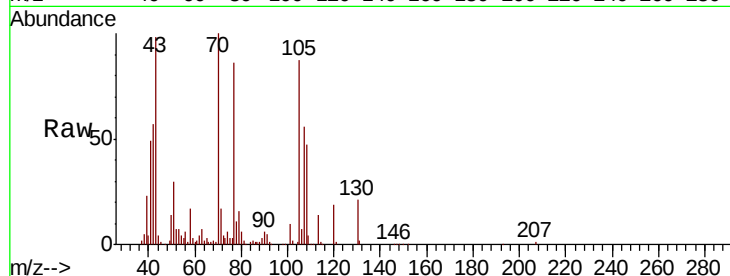




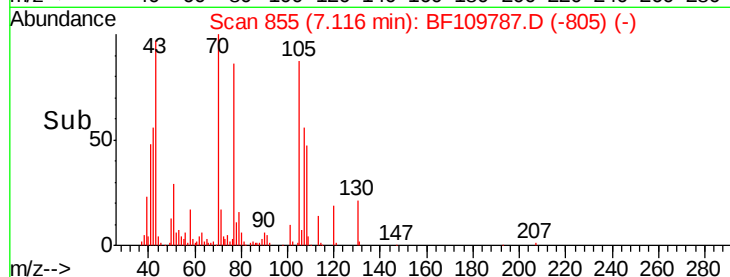
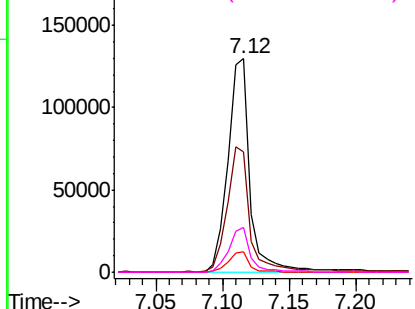
#19
n-Nitroso-di-n-propylamine
Concen: 36.748 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF109787.D
Acq: 11 Oct 2018 15:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	152967
Ion	Ratio	Lower	Upper
70	100		
42	56.6	47.4	71.2
101	9.5	7.3	10.9
130	20.8	16.2	24.2

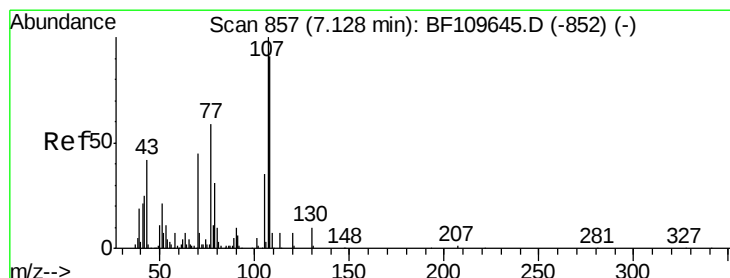


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

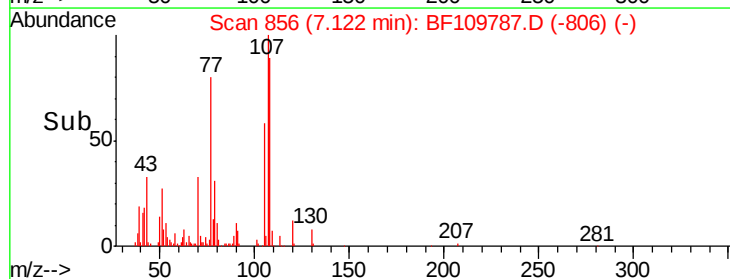
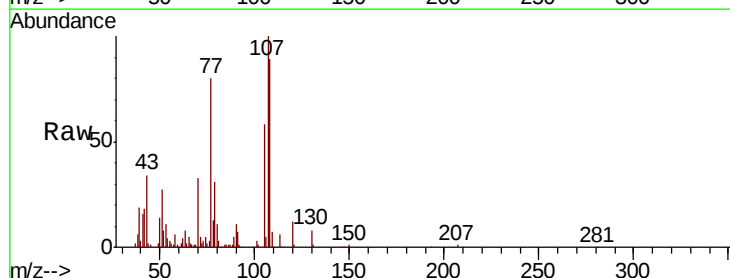
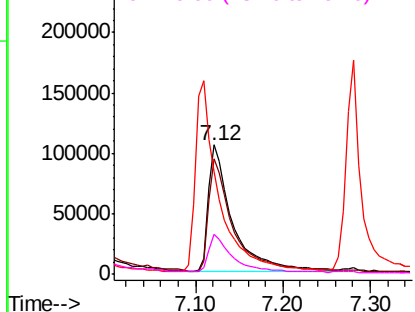


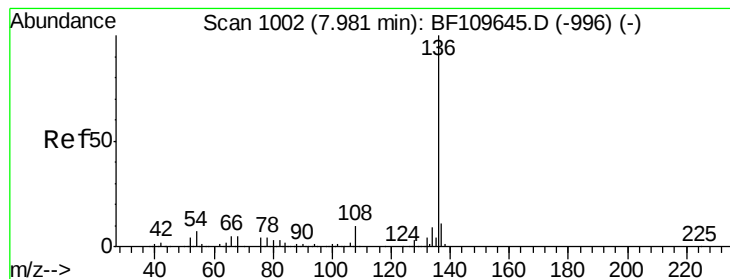
#20
3+4-Methylphenols
Concen: 37.971 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF109787.D
Acq: 11 Oct 2018 15:24

Tgt Ion:	107	Resp:	202196
Ion	Ratio	Lower	Upper
107	100		
108	89.5	71.4	111.4
77	79.5	47.3	87.3
79	30.6	10.9	50.9



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.97 min Scan# 1001

Delta R.T. -0.01 min

Lab File: BF109787.D

Acq: 11 Oct 2018 15:24

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 319433

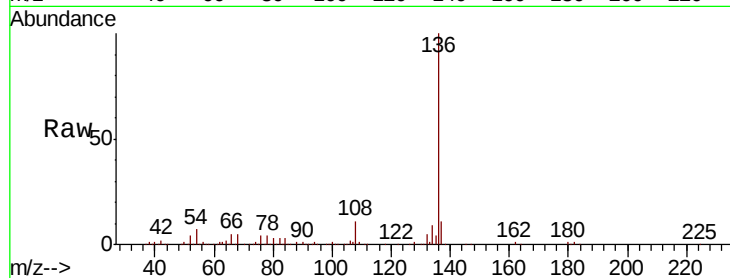
Ion Ratio Lower Upper

136 100

137 10.6 8.8 13.2

54 7.0 5.4 8.2

68 5.4 4.2 6.2

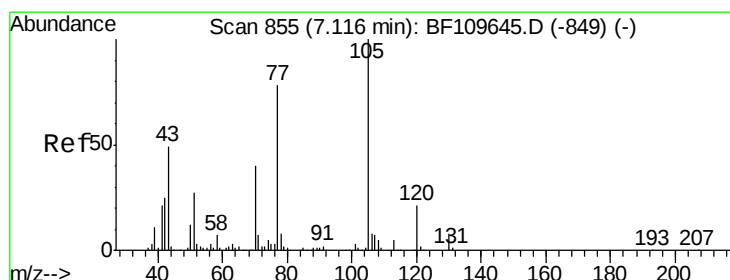
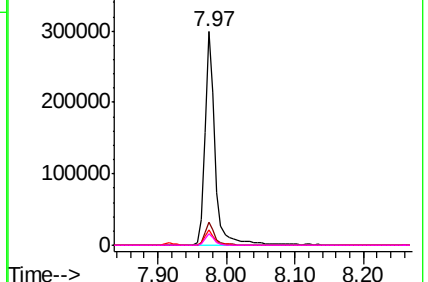
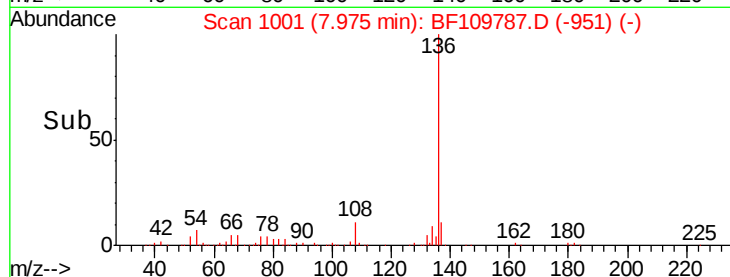


Abundance Ion 136.00 (135.70 to 136.70): E

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: 39.189 ng

RT: 7.11 min Scan# 854

Delta R.T. -0.01 min

Lab File: BF109787.D

Acq: 11 Oct 2018 15:24

Tgt Ion:105 Resp: 302716

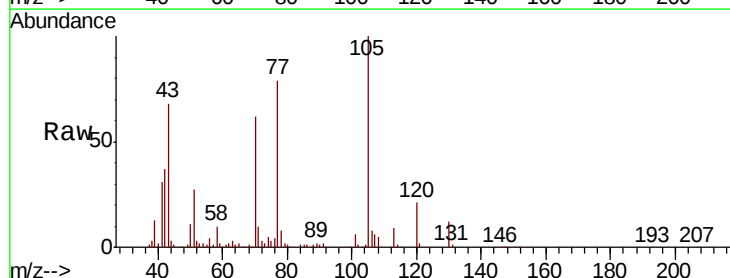
Ion Ratio Lower Upper

105 100

71 10.1 5.2 7.8#

51 26.5 21.8 32.8

120 21.2 17.0 25.4

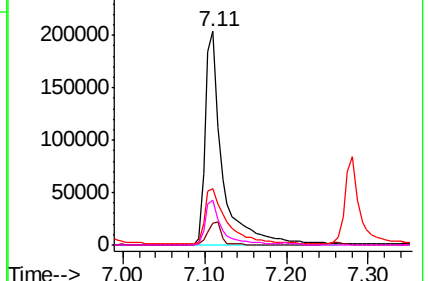
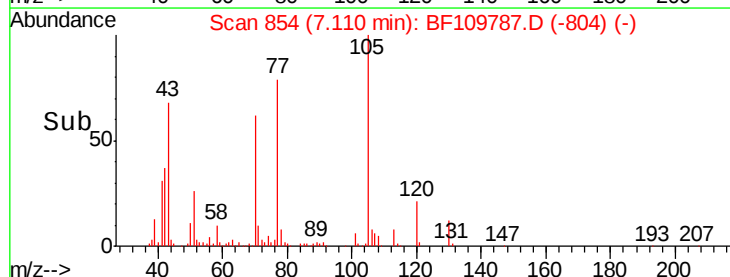


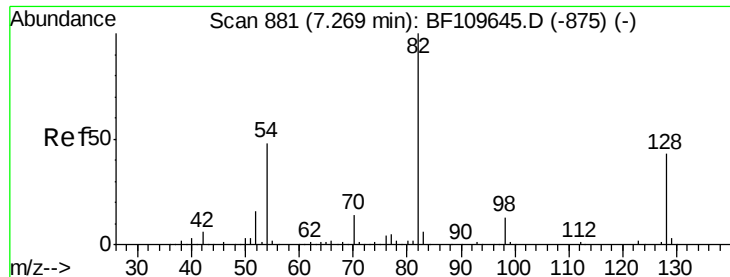
Abundance Ion 105.00 (104.70 to 105.70): E

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

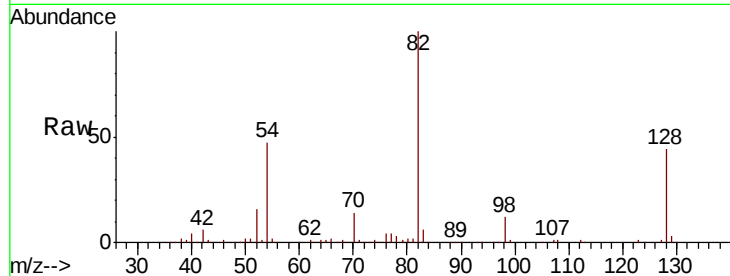




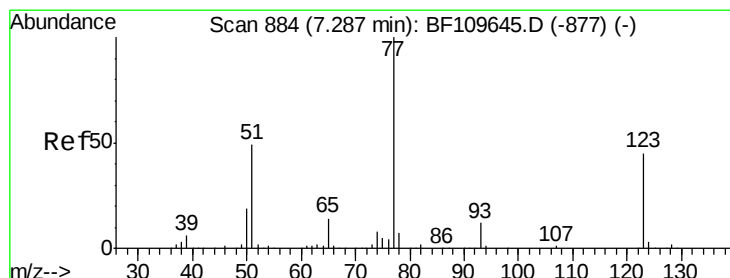
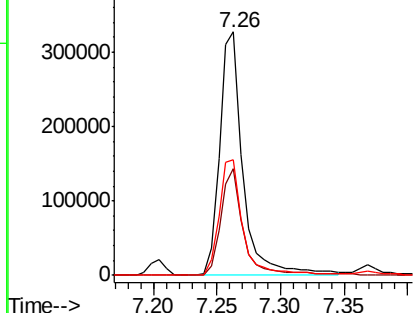
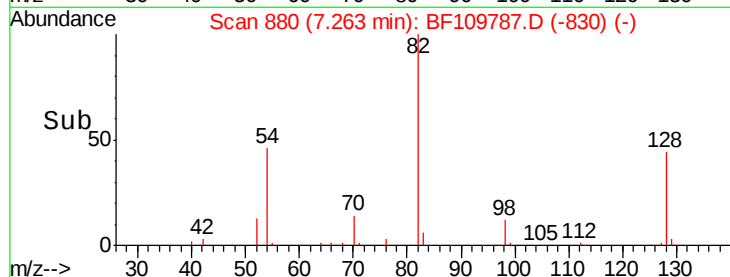
#23
 Nitrobenzene-d5
 Concen: 72.707 ng
 RT: 7.26 min Scan# 880
 Delta R.T. -0.01 min
 Lab File: BF109787.D
 Acq: 11 Oct 2018 15:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 421326
 Ion Ratio Lower Upper
 82 100
 128 43.7 34.2 51.2
 54 47.4 38.6 58.0

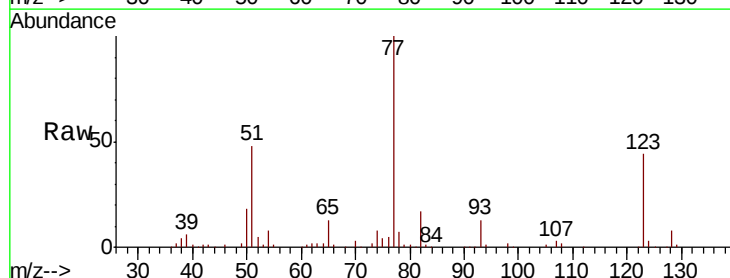


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

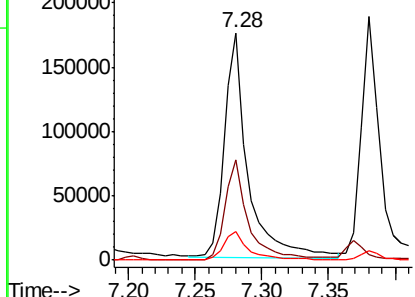
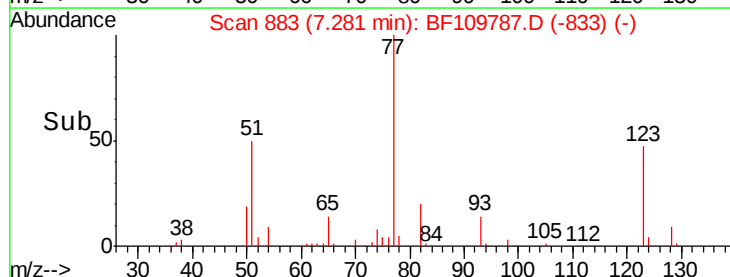


#24
 Nitrobenzene
 Concen: 35.984 ng
 RT: 7.28 min Scan# 883
 Delta R.T. -0.01 min
 Lab File: BF109787.D
 Acq: 11 Oct 2018 15:24

Tgt Ion: 77 Resp: 216978
 Ion Ratio Lower Upper
 77 100
 123 44.3 35.7 53.5
 65 12.7 10.7 16.1



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

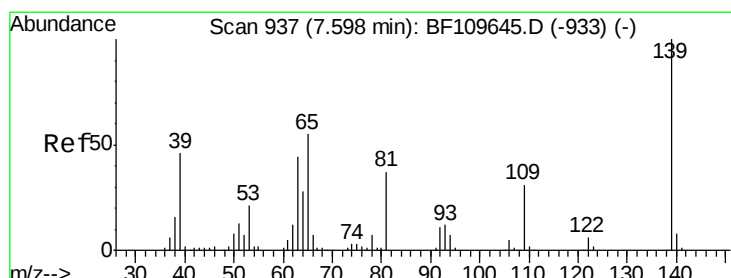
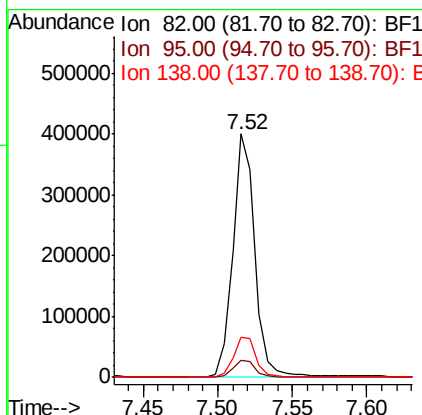
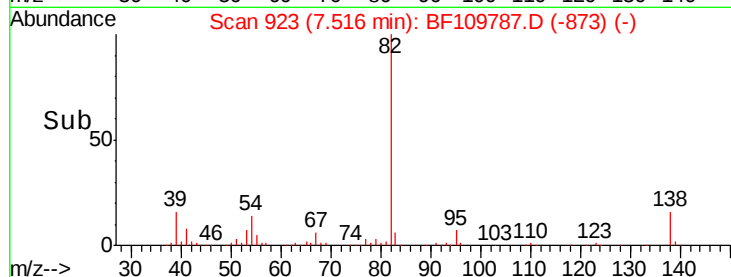
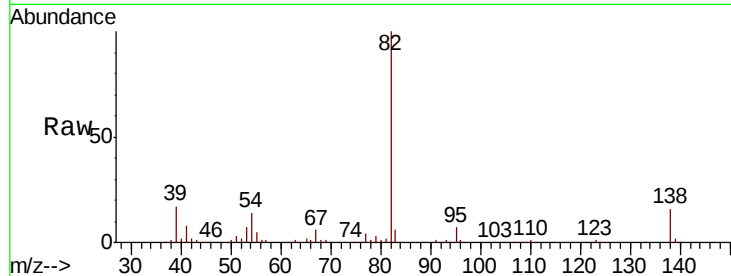




#25
Isophorone
Concen: 42.922 ng
RT: 7.52 min Scan# 923
Delta R.T. -0.01 min
Lab File: BF109787.D
Acq: 11 Oct 2018 15:24

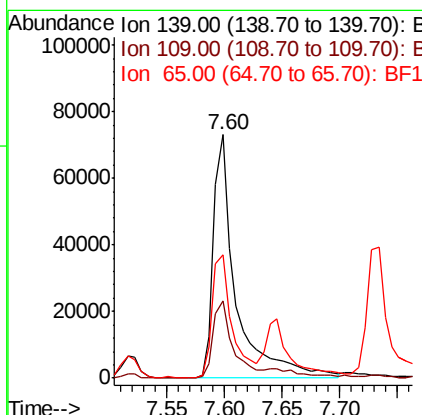
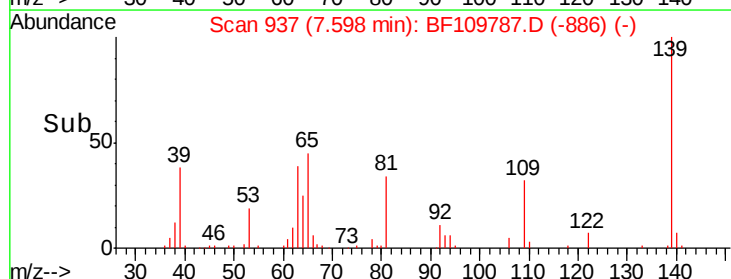
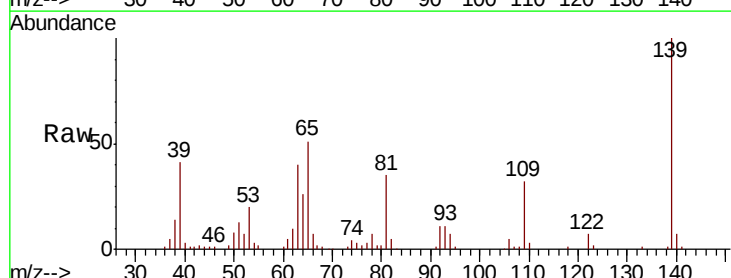
Instrument :
BNA_F
ClientSampleId :

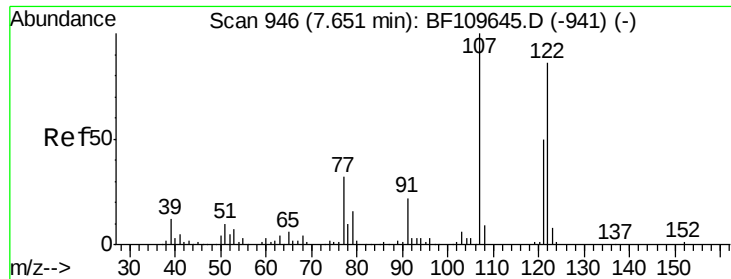
Tot Ion: 82 Resp: 413029
Ion Ratio Lower Upper
82 100
95 7.1 5.7 8.5
138 16.3 13.2 19.8



#26
2-Nitrophenol
Concen: 35.249 ng
RT: 7.60 min Scan# 937
Delta R.T. -0.00 min
Lab File: BF109787.D
Acq: 11 Oct 2018 15:24

Tgt Ion: 139 Resp: 99418
Ion Ratio Lower Upper
139 100
109 31.7 25.0 37.6
65 50.8 44.0 66.0

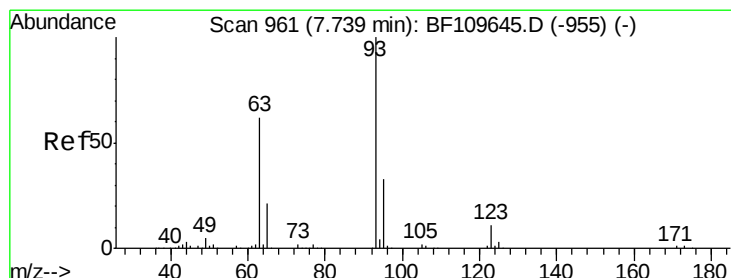
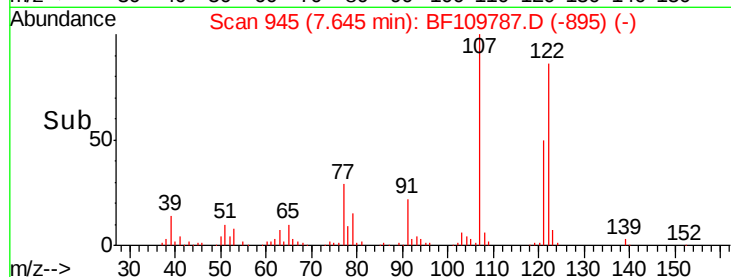
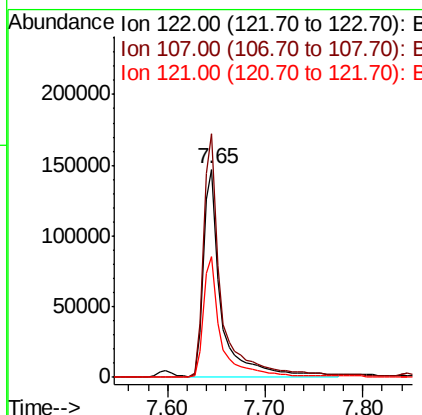
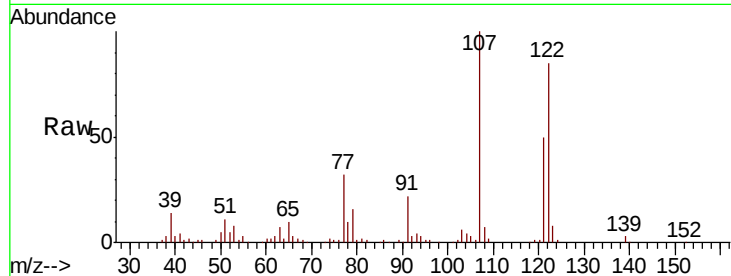




#27
 2,4-Dimethylphenol
 Concen: 44.993 ng
 RT: 7.65 min Scan# 945
 Delta R.T. -0.01 min
 Lab File: BF109787.D
 Acq: 11 Oct 2018 15:24

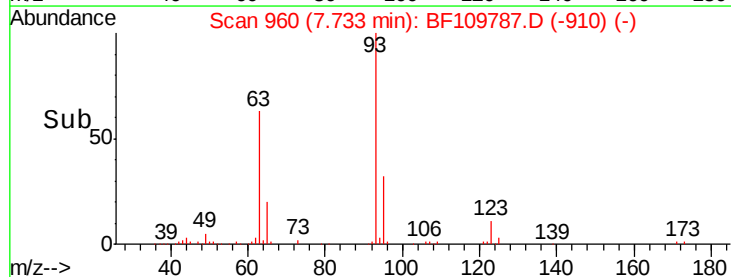
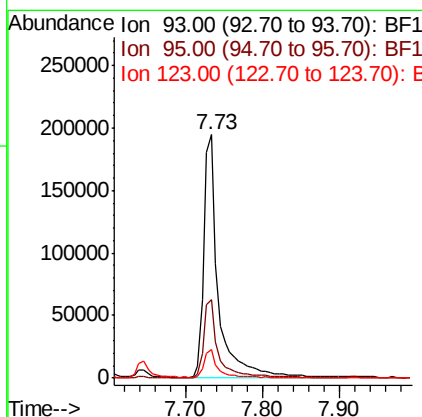
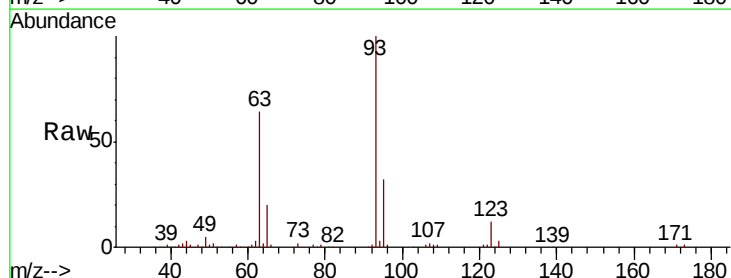
Instrument :
 BNA_F
 ClientSampleId :

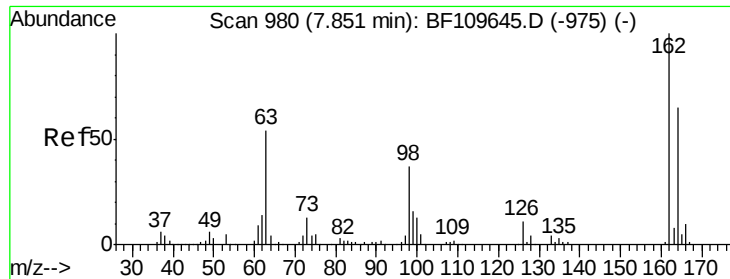
Tot Ion:122 Resp: 183254
 Ion Ratio Lower Upper
 122 100
 107 117.0 92.5 138.7
 121 58.1 45.8 68.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.531 ng
 RT: 7.73 min Scan# 960
 Delta R.T. -0.01 min
 Lab File: BF109787.D
 Acq: 11 Oct 2018 15:24

Tgt Ion: 93 Resp: 257303
 Ion Ratio Lower Upper
 93 100
 95 32.1 26.4 39.6
 123 11.6 9.0 13.6

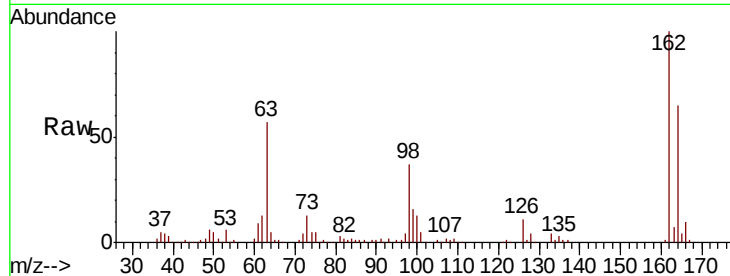




#29
 2,4-Dichlorophenol
 Concen: 38.160 ng
 RT: 7.85 min Scan# 979
 Delta R.T. -0.01 min
 Lab File: BF109787.D
 Acq: 11 Oct 2018 15:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.0	44.6	84.6
98	36.9	17.4	57.4

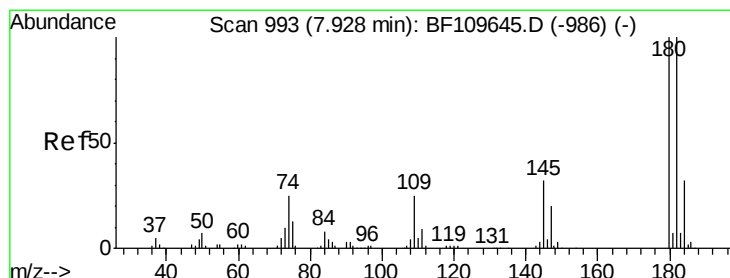
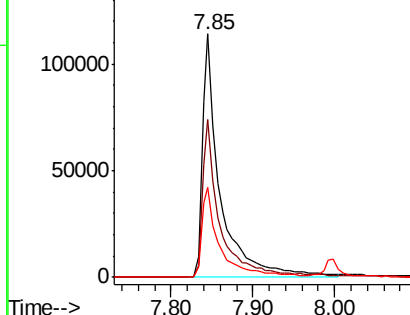
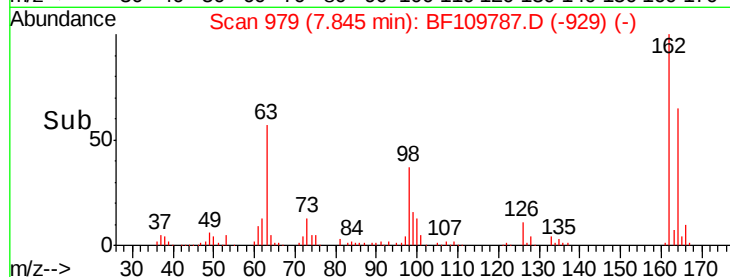


Abundance

Ion 162.00 (161.70 to 162.70): E

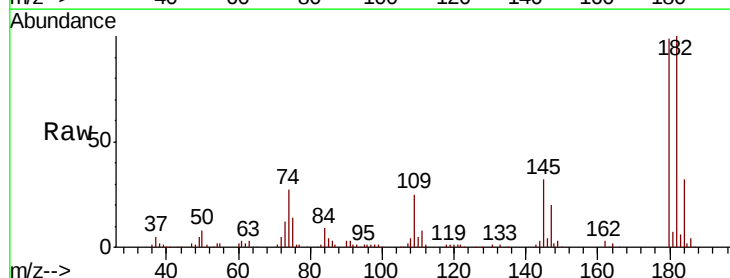
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 36.385 ng
 RT: 7.92 min Scan# 992
 Delta R.T. -0.01 min
 Lab File: BF109787.D
 Acq: 11 Oct 2018 15:24

Tgt Ion	Ratio	Lower	Upper
180	100		
182	100.6	80.3	120.5
145	32.0	25.4	38.0

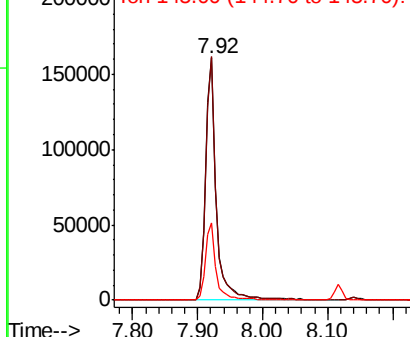
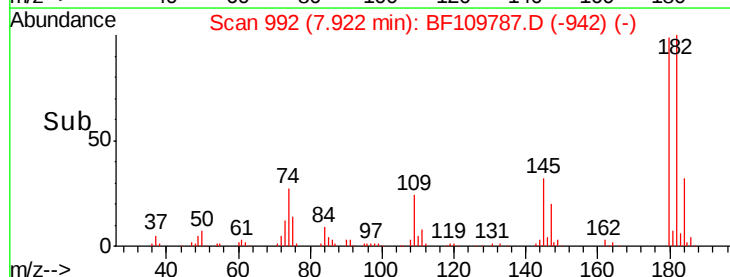


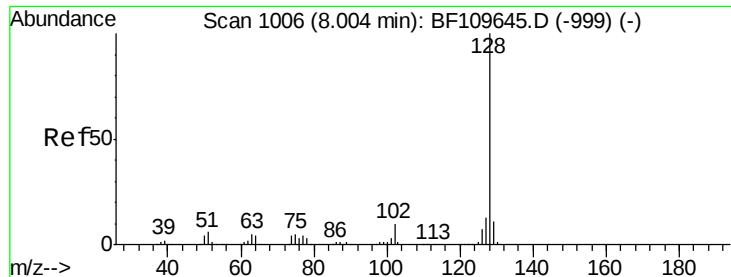
Abundance

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

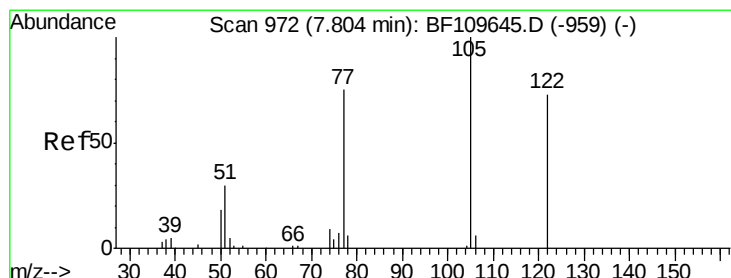
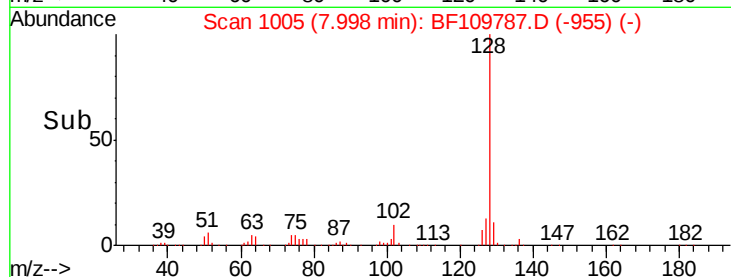
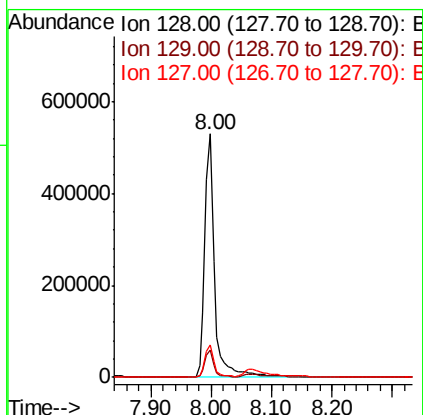
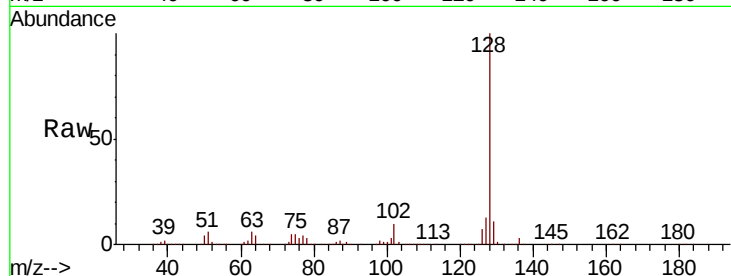




#31
Naphthalene
Concen: 41.094 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF109787.D
Acq: 11 Oct 2018 15:24

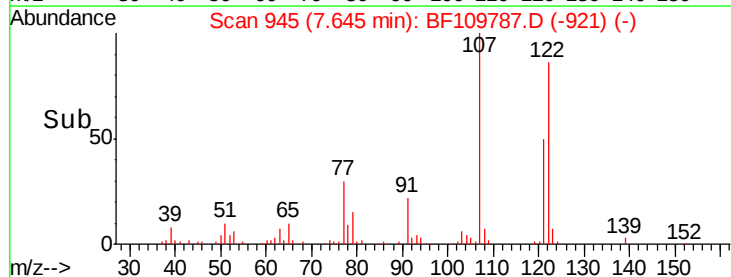
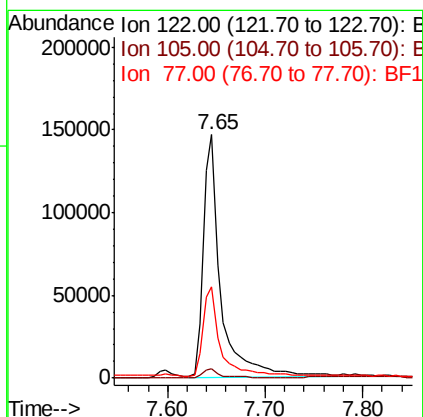
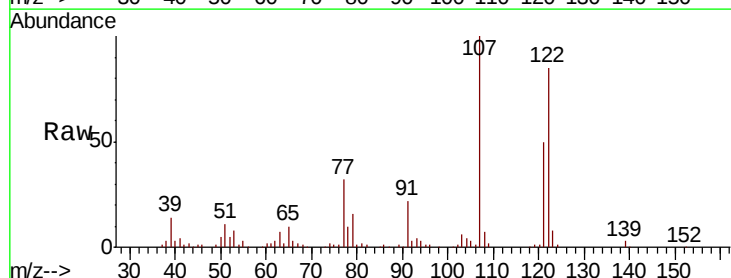
Instrument :
BNA_F
ClientSampleId :

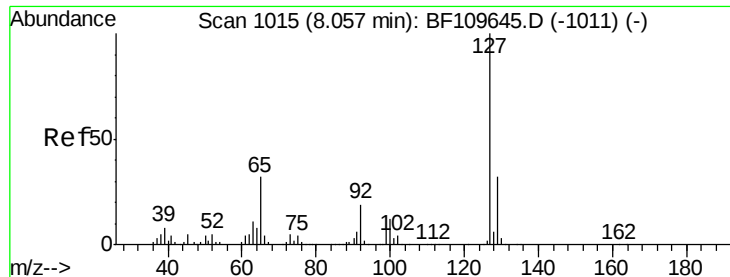
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.8	13.2
127	13.3	10.8	16.2



#32
Benzoic acid
Concen: 62.931 ng
RT: 7.65 min Scan# 945
Delta R.T. -0.16 min
Lab File: BF109787.D
Acq: 11 Oct 2018 15:24

Tgt Ion	Ratio	Lower	Upper
122	100		
105	3.9	109.0	149.0#
77	37.5	79.0	119.0#

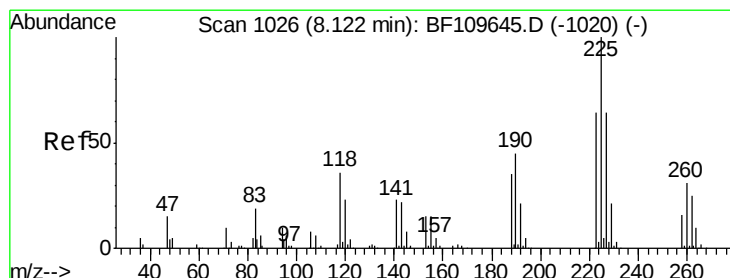
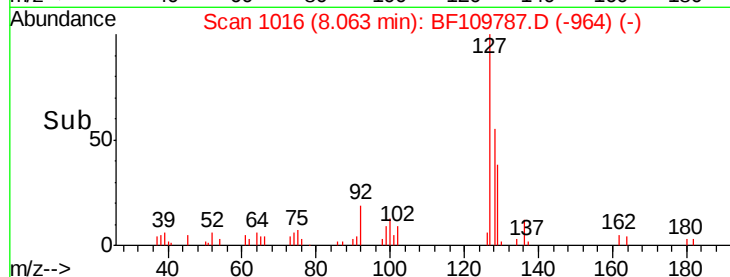
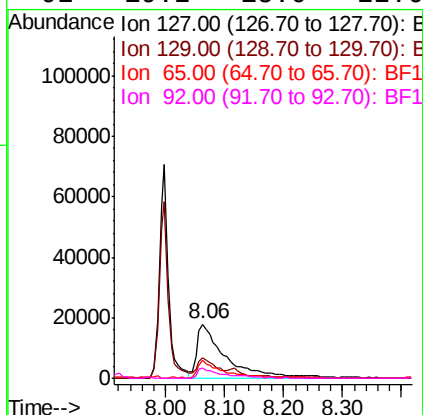
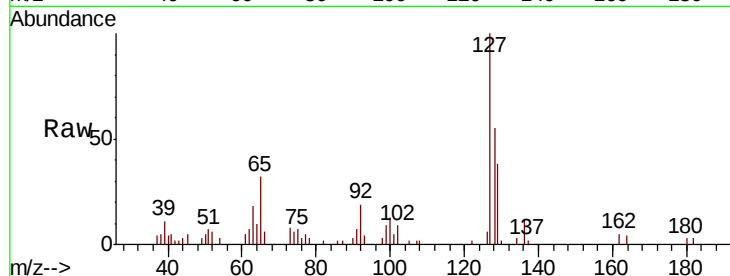




#33
4-Chloroaniline
Concen: 9.409 ng
RT: 8.06 min Scan# 1016
Delta R.T. 0.01 min
Lab File: BF109787.D
Acq: 11 Oct 2018 15:24

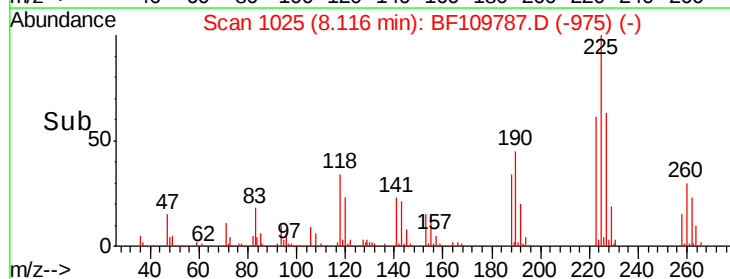
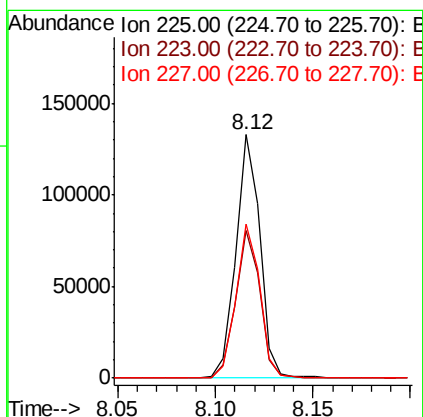
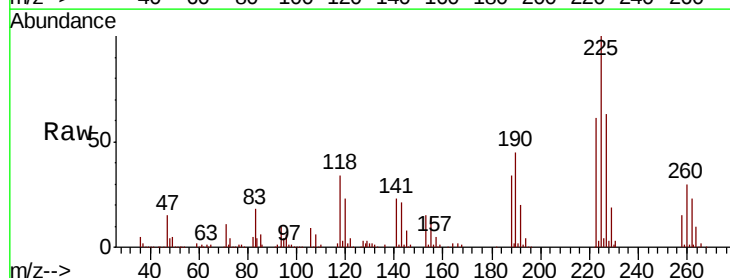
Instrument :
BNA_F
ClientSampled :

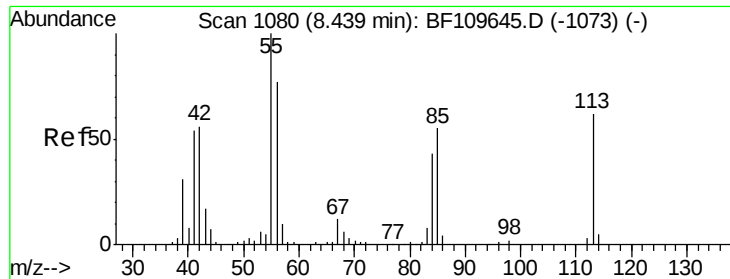
Tot Ion:	127	Resp:	61211
Ion	Ratio	Lower	Upper
127	100		
129	38.5	26.0	39.0
65	32.3	25.1	37.7
92	19.2	15.0	22.6



#34
Hexachlorobutadiene
Concen: 36.009 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF109787.D
Acq: 11 Oct 2018 15:24

Tgt Ion:	225	Resp:	113228
Ion	Ratio	Lower	Upper
225	100		
223	60.5	51.4	77.2
227	63.1	51.0	76.6

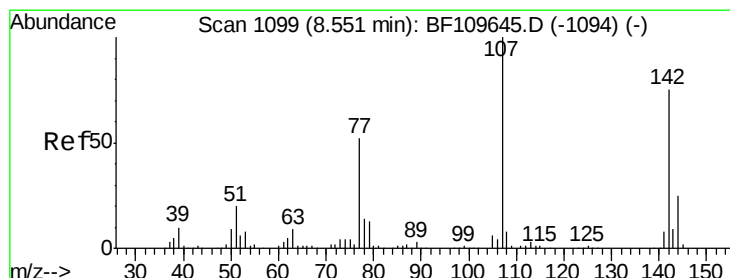
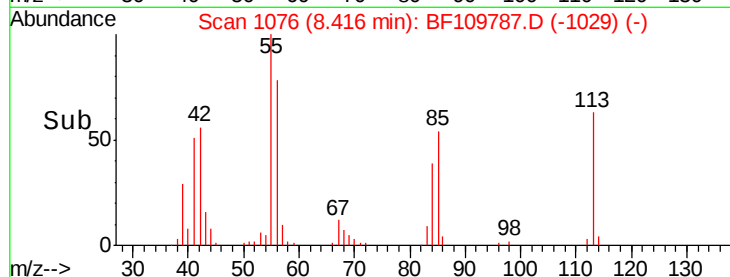
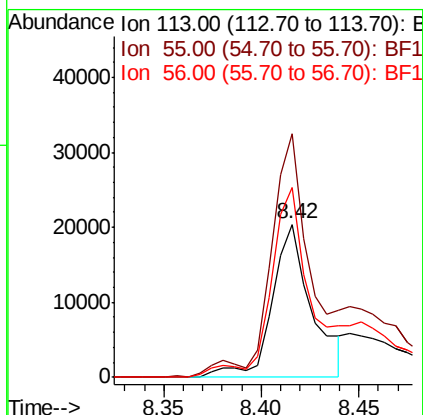
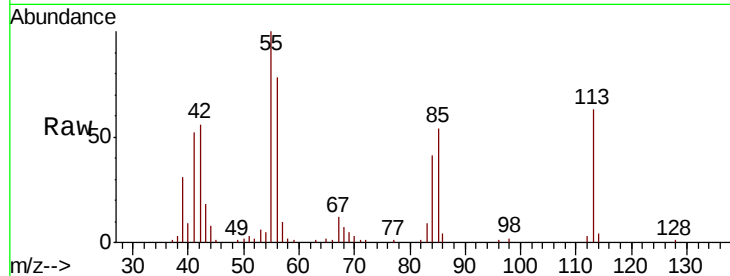




#35
 Caprolactam
 Concen: 21.018 ng
 RT: 8.42 min Scan# 1076
 Delta R.T. -0.02 min
 Lab File: BF109787.D
 Acq: 11 Oct 2018 15:24

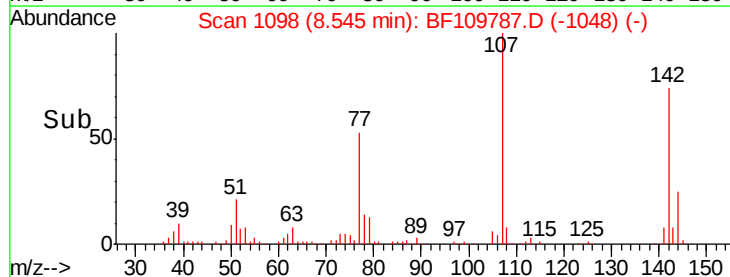
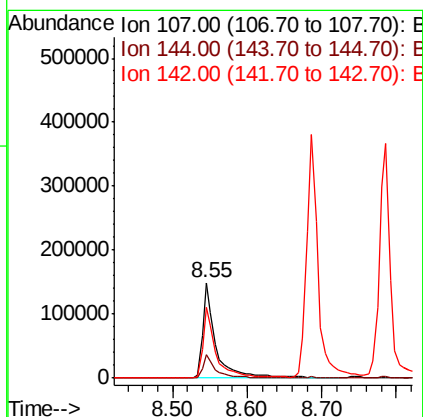
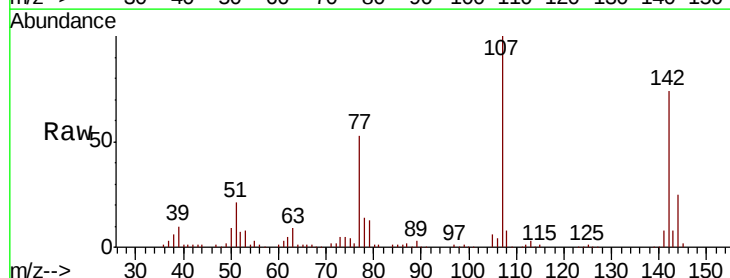
Instrument :
 BNA_F
 ClientSampleId :

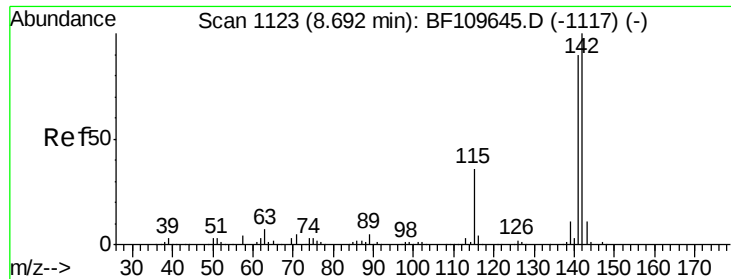
Tot Ion:113 Resp: 28675
 Ion Ratio Lower Upper
 113 100
 55 159.1 142.8 182.8
 56 124.3 105.0 145.0



#36
 4-Chloro-3-methylphenol
 Concen: 39.171 ng
 RT: 8.55 min Scan# 1098
 Delta R.T. -0.01 min
 Lab File: BF109787.D
 Acq: 11 Oct 2018 15:24

Tgt Ion:107 Resp: 188898
 Ion Ratio Lower Upper
 107 100
 144 24.6 20.0 30.0
 142 73.9 59.7 89.5

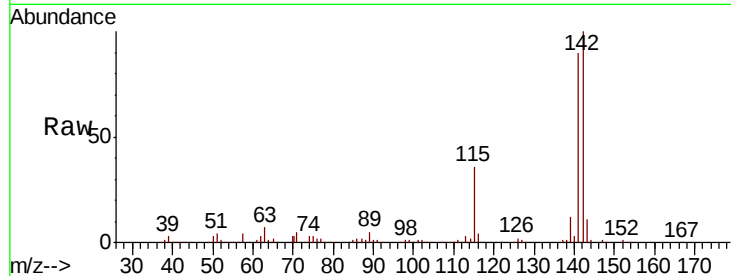




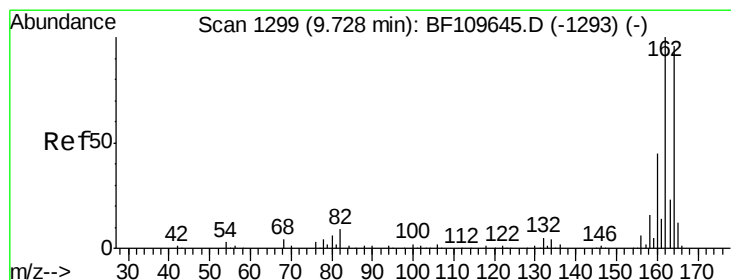
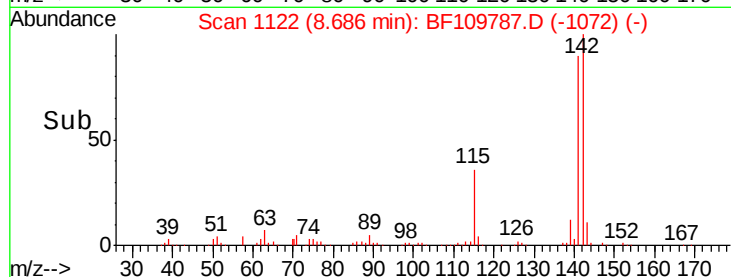
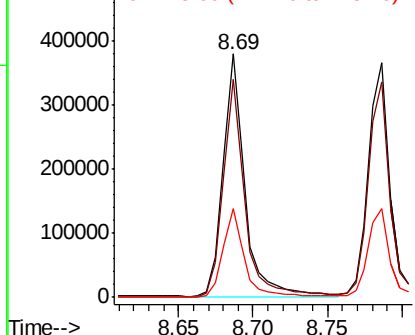
#37
2-Methylnaphthalene
Concen: 41.386 ng
RT: 8.69 min Scan# 1122
Delta R.T. -0.01 min
Lab File: BF109787.D
Acq: 11 Oct 2018 15:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 400484
Ion Ratio Lower Upper
142 100
141 89.8 71.4 107.2
115 36.5 28.7 43.1

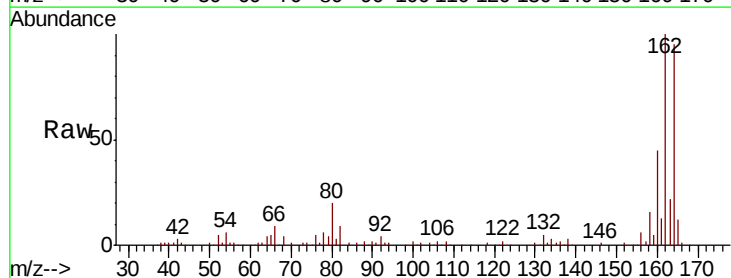


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

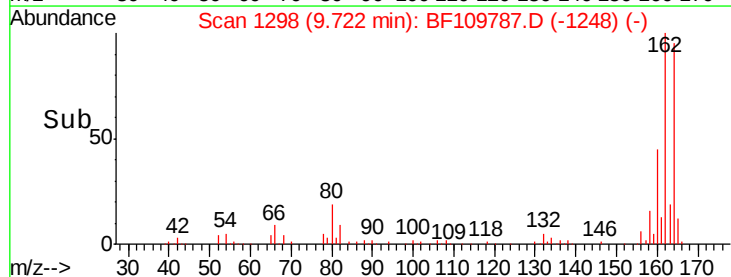
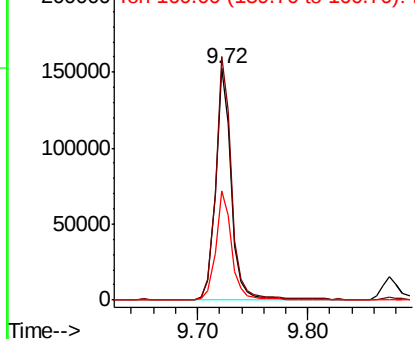


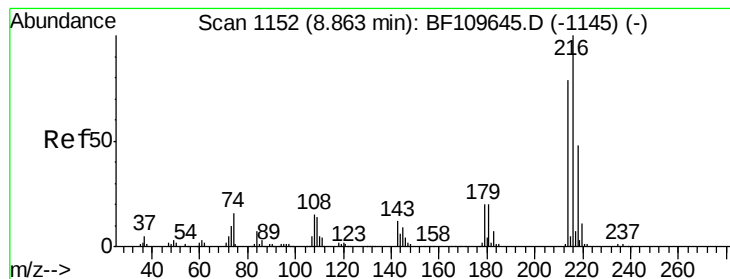
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BF109787.D
Acq: 11 Oct 2018 15:24

Tgt Ion:164 Resp: 149925
Ion Ratio Lower Upper
164 100
162 105.1 83.0 124.6
160 47.2 37.0 55.6



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.175 ng

RT: 8.86 min Scan# 1151

Delta R.T. -0.01 min

Lab File: BF109787.D

Acq: 11 Oct 2018 15:24

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 189723

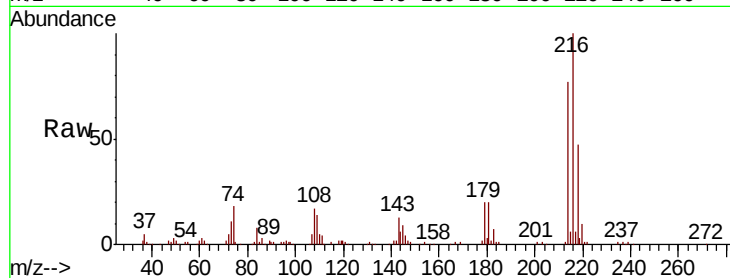
Ion Ratio Lower Upper

216 100

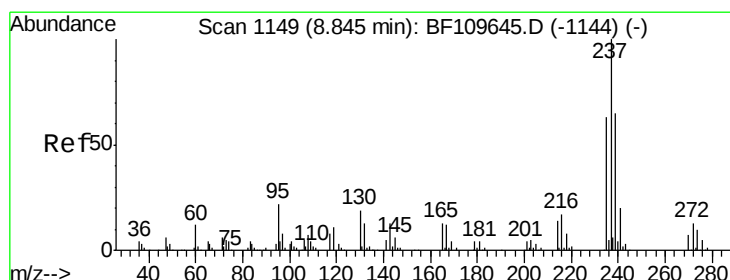
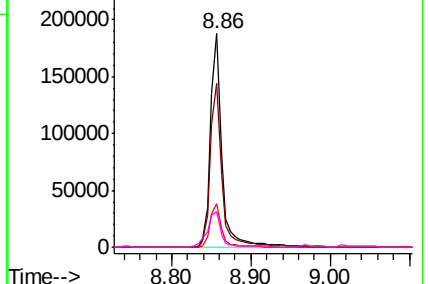
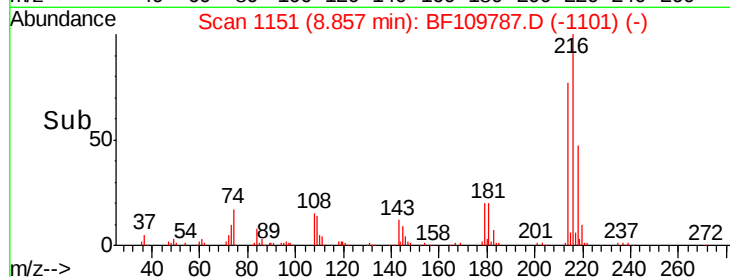
214 78.5 63.8 95.6

179 20.8 16.6 25.0

108 20.8 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: 67.303 ng

RT: 8.85 min Scan# 1149

Delta R.T. 0.00 min

Lab File: BF109787.D

Acq: 11 Oct 2018 15:24

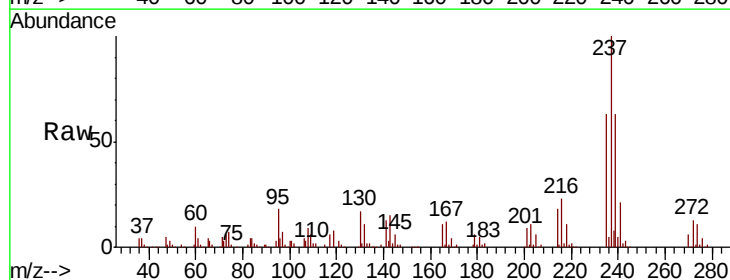
Tgt Ion:237 Resp: 147592

Ion Ratio Lower Upper

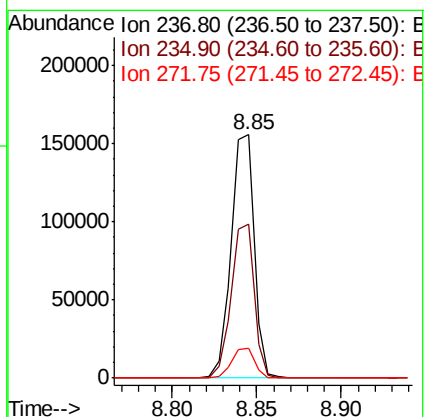
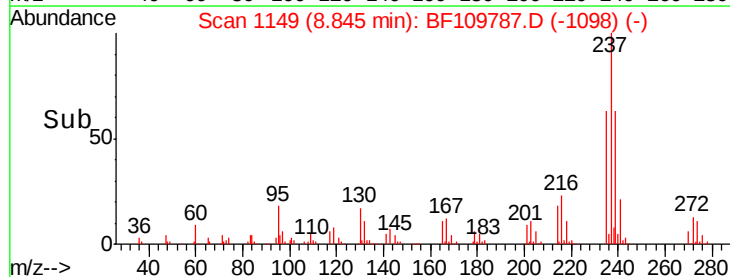
237 100

235 63.2 43.1 83.1

272 12.5 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

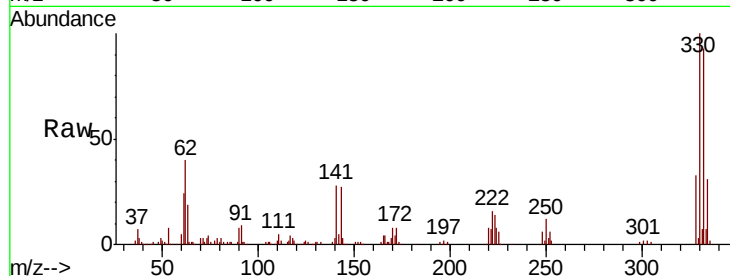




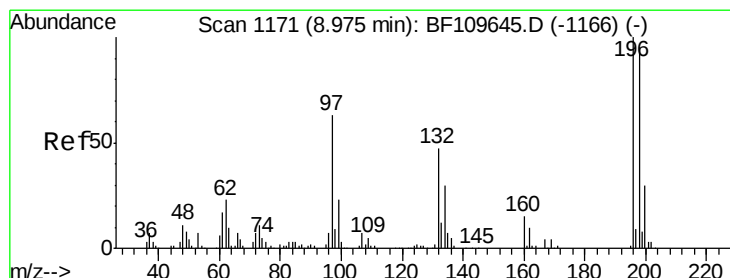
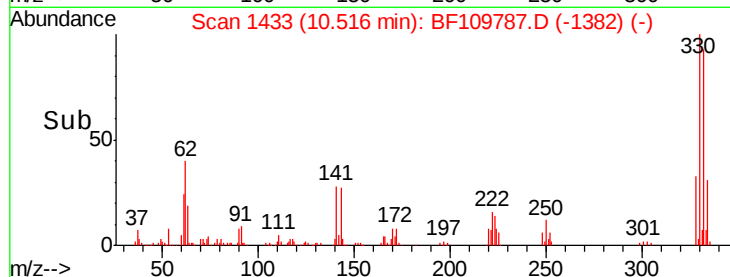
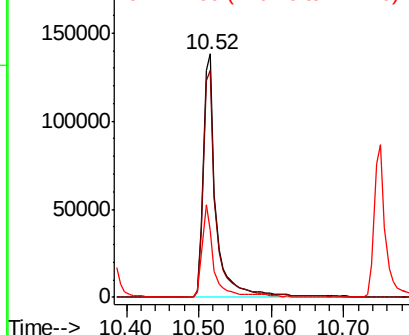
#41
2,4,6-Tribromophenol
Concen: 104.722 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.00 min
Lab File: BF109787.D
Acq: 11 Oct 2018 15:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:330 Resp: 171073
Ion Ratio Lower Upper
330 100
332 95.3 77.1 115.7
141 33.4 27.0 40.4

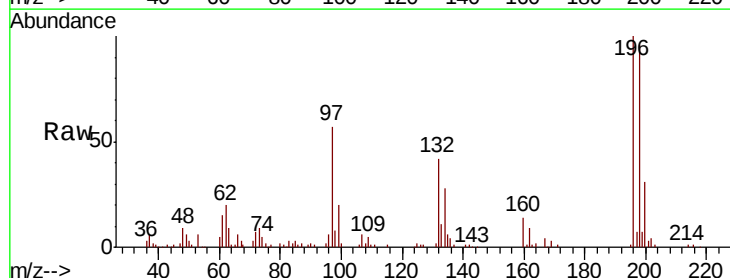


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

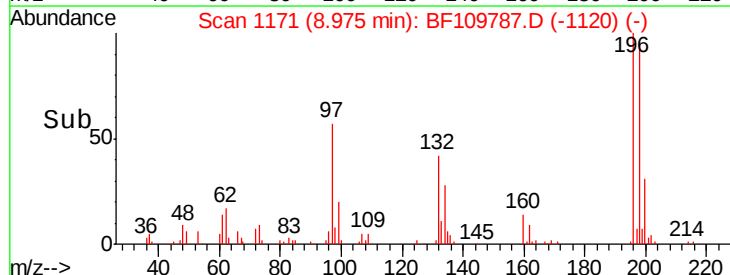
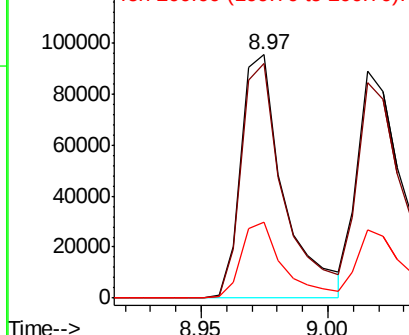


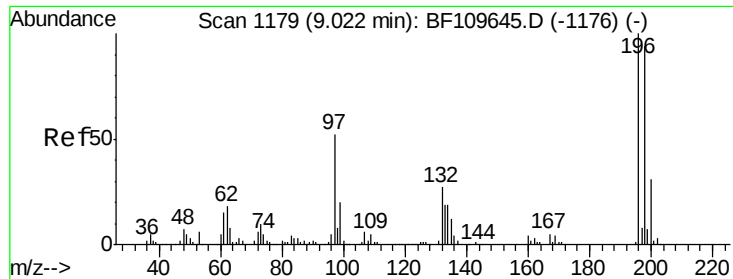
#42
2,4,6-Trichlorophenol
Concen: 36.988 ng
RT: 8.97 min Scan# 1171
Delta R.T. -0.00 min
Lab File: BF109787.D
Acq: 11 Oct 2018 15:24

Tgt Ion:196 Resp: 112845
Ion Ratio Lower Upper
196 100
198 96.3 76.2 114.4
200 31.2 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

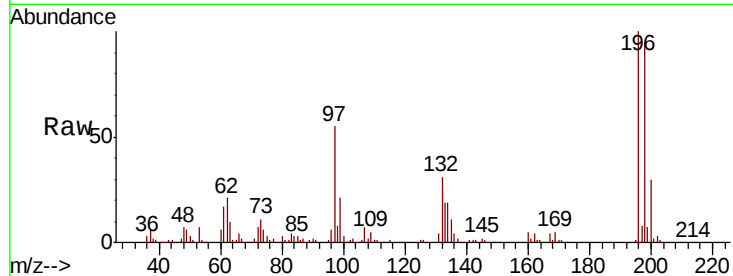




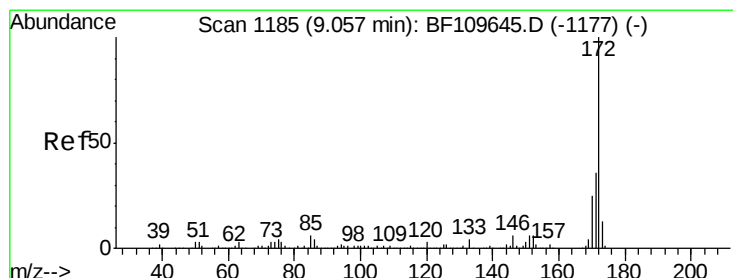
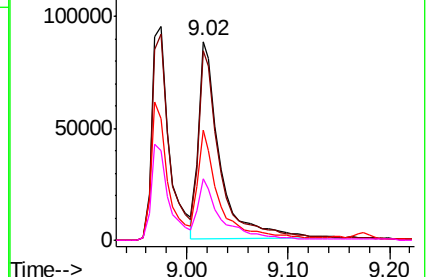
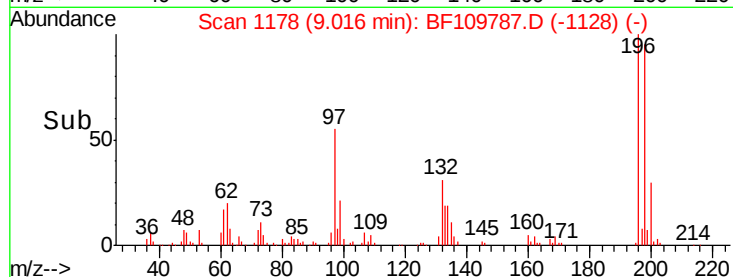
#43
 2,4,5-Trichlorophenol
 Concen: 37.187 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.01 min
 Lab File: BF109787.D
 Acq: 11 Oct 2018 15:24

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:	196	Resp:	130445
Ion	Ratio	Lower	Upper
196	100		
198	95.3	75.8	113.6
97	55.2	42.4	63.6
132	30.8	22.8	34.2

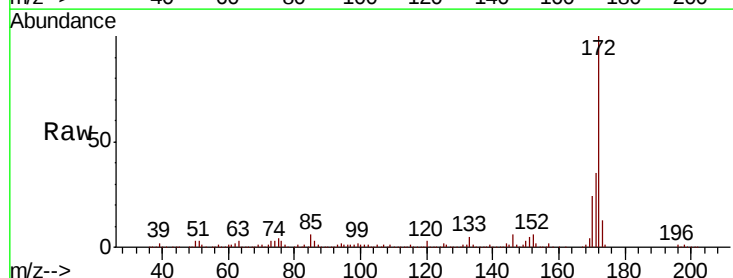


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

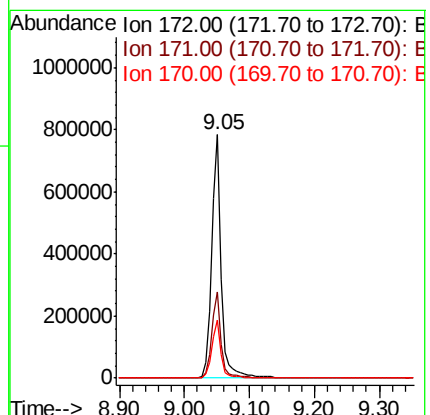
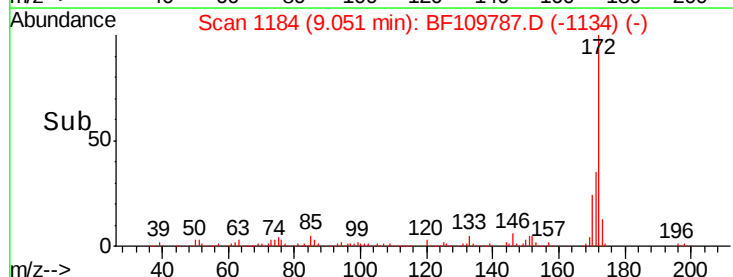


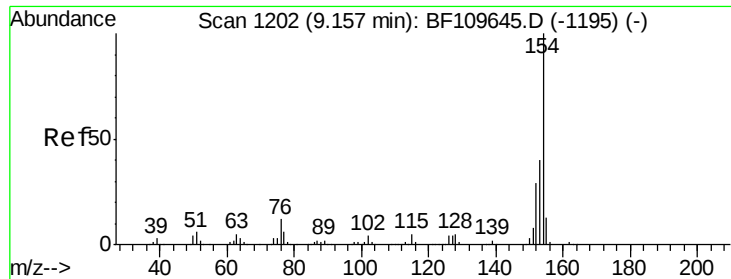
#44
 2-Fluorobiphenyl
 Concen: 72.447 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: BF109787.D
 Acq: 11 Oct 2018 15:24

Tgt Ion:	172	Resp:	788644
Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.6	43.0
170	23.9	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

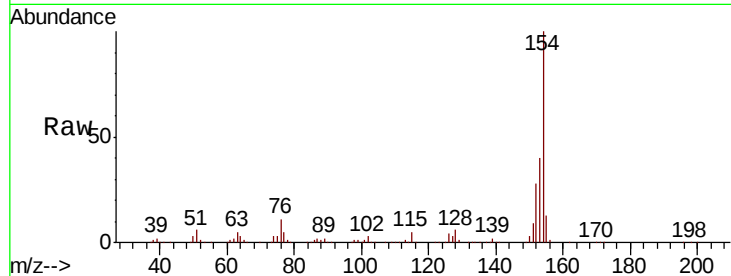




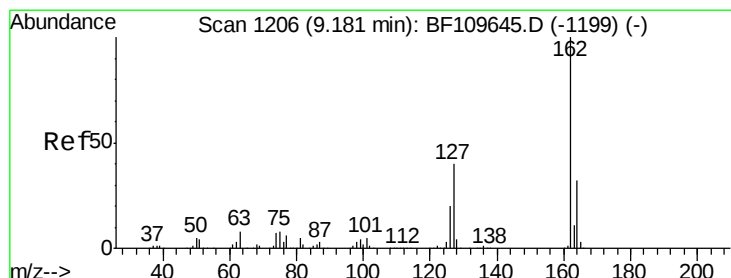
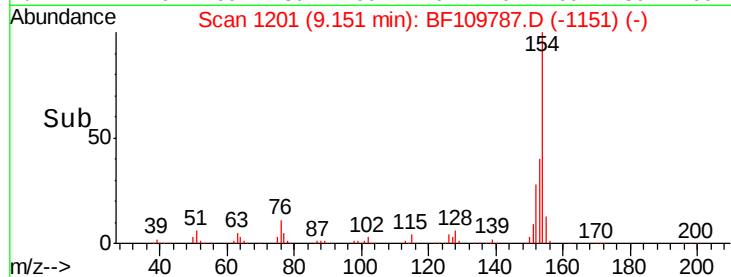
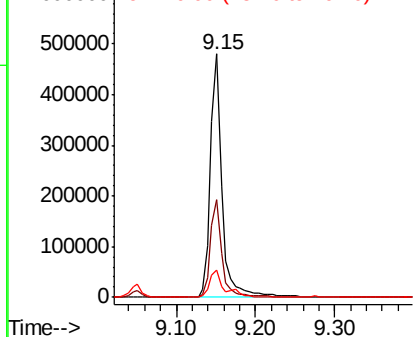
#45
 1,1'-Biphenyl
 Concen: 36.683 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF109787.D
 Acq: 11 Oct 2018 15:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 491311
 Ion Ratio Lower Upper
 154 100
 153 40.2 20.4 60.4
 76 11.2 0.0 31.9

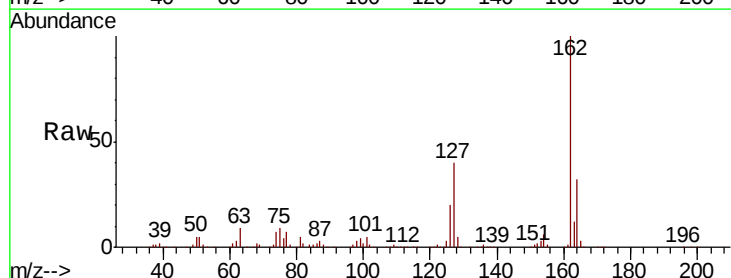


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

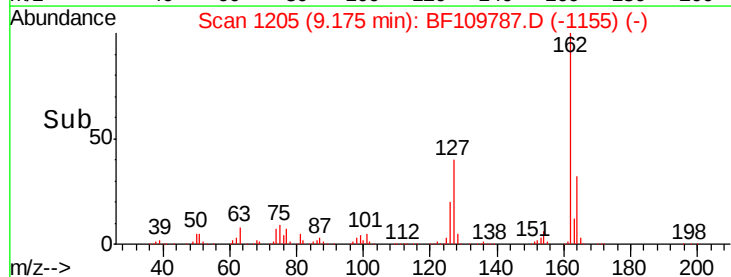
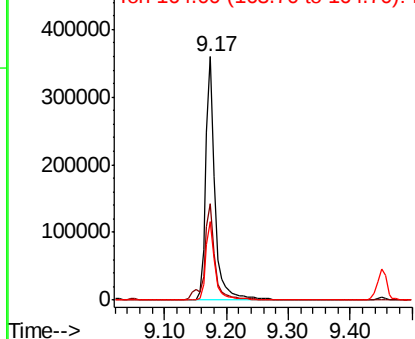


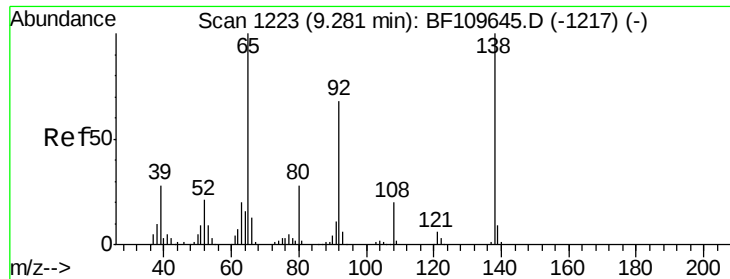
#46
 2-Chloronaphthalene
 Concen: 37.665 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.01 min
 Lab File: BF109787.D
 Acq: 11 Oct 2018 15:24

Tgt Ion:162 Resp: 377942
 Ion Ratio Lower Upper
 162 100
 127 39.6 32.6 48.8
 164 32.1 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

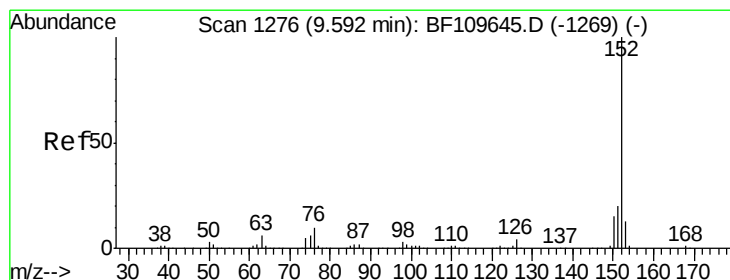
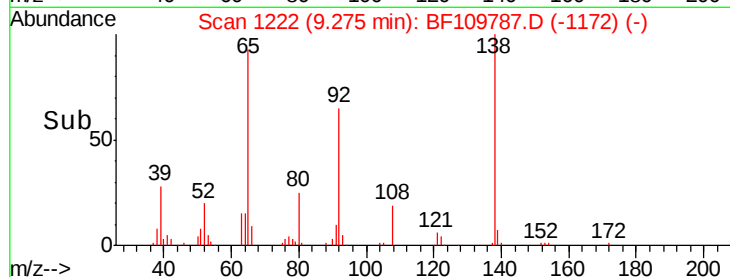
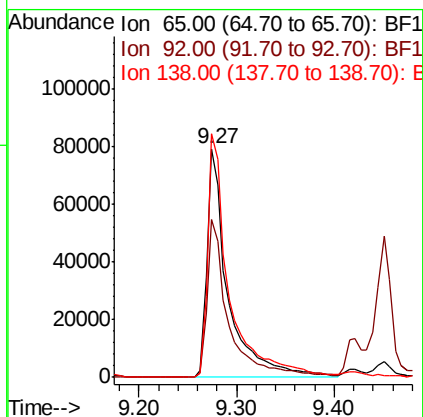
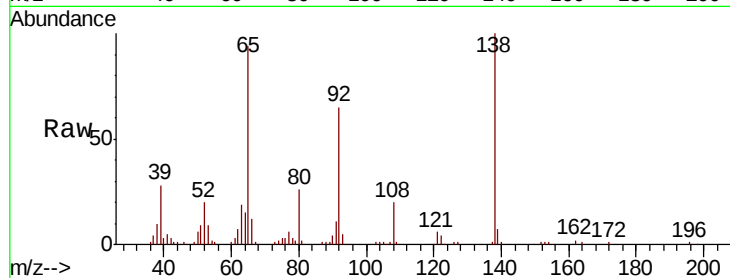




#47
2-Nitroaniline
Concen: 39.479 ng
RT: 9.27 min Scan# 1222
Delta R.T. -0.01 min
Lab File: BF109787.D
Acq: 11 Oct 2018 15:24

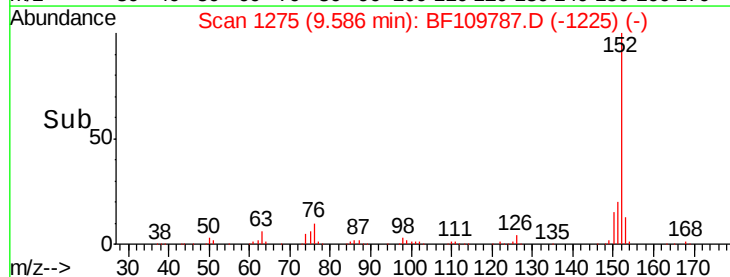
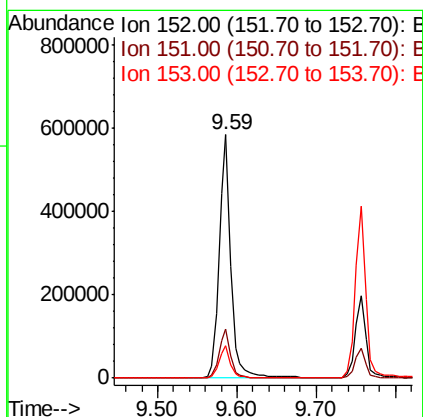
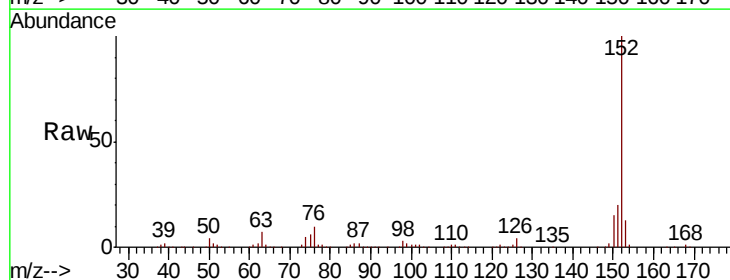
Instrument :
BNA_F
ClientSampled :

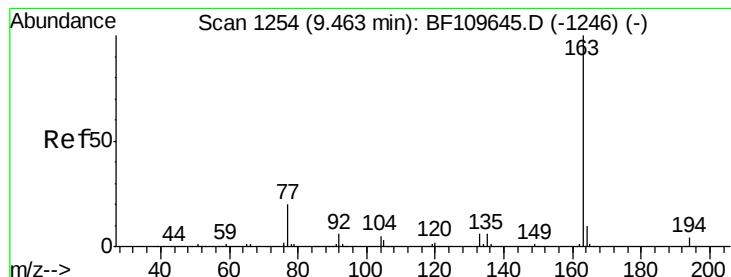
Tot Ion: 65 Resp: 119949
Ion Ratio Lower Upper
65 100
92 69.0 54.6 81.8
138 106.4 80.3 120.5



#48
Acenaphthylene
Concen: 40.625 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.01 min
Lab File: BF109787.D
Acq: 11 Oct 2018 15:24

Tgt Ion: 152 Resp: 594289
Ion Ratio Lower Upper
152 100
151 20.3 15.8 23.8
153 13.4 10.4 15.6





#49

Dimethylphthalate

Concen: 45.601 ng

RT: 9.45 min Scan# 1252

Delta R.T. -0.01 min

Lab File: BF109787.D

Acq: 11 Oct 2018 15:24

Instrument :

BNA_F

ClientSampleId :

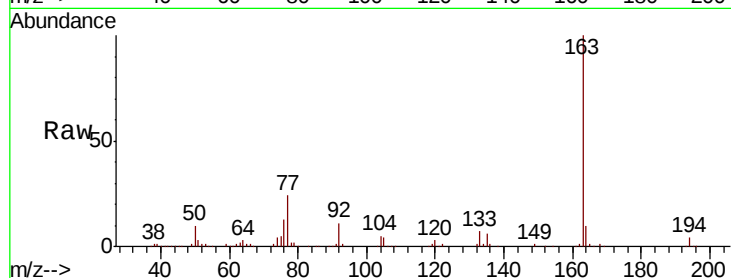
Tot Ion:163 Resp: 501408

Ion Ratio Lower Upper

163 100

194 3.6 3.2 4.8

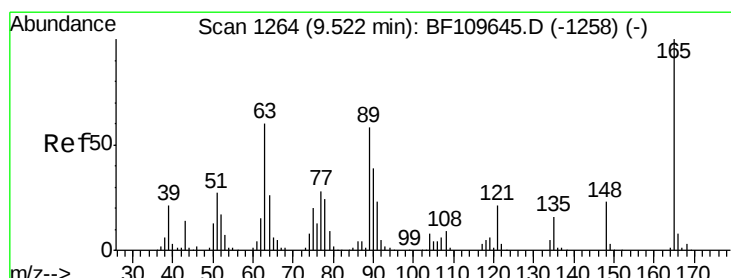
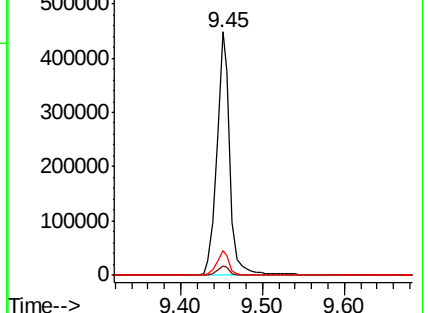
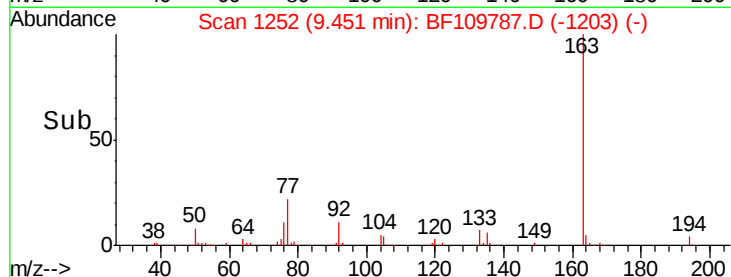
164 10.1 8.1 12.1



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: 39.140 ng

RT: 9.52 min Scan# 1263

Delta R.T. -0.01 min

Lab File: BF109787.D

Acq: 11 Oct 2018 15:24

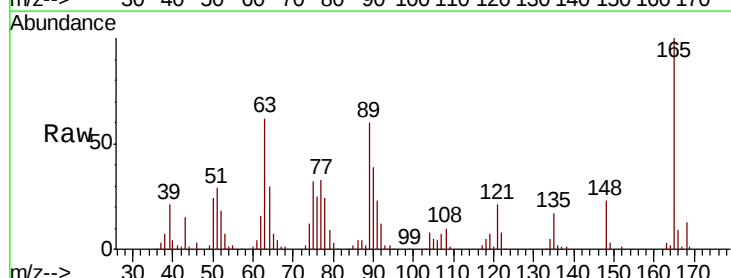
Tgt Ion:165 Resp: 93289

Ion Ratio Lower Upper

165 100

63 62.0 48.9 73.3

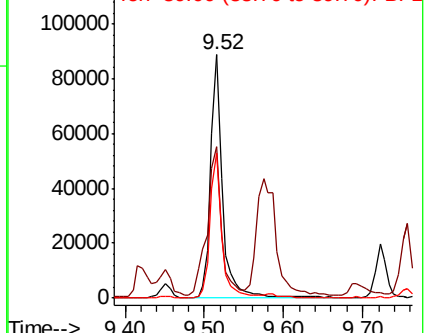
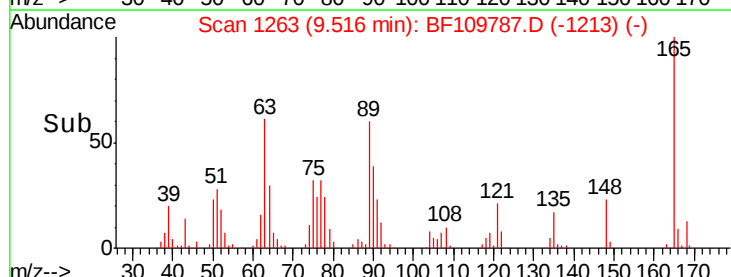
89 59.7 46.6 69.8

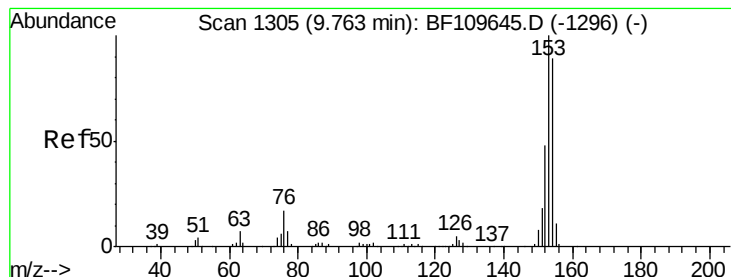


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 38.330 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF109787.D

Acq: 11 Oct 2018 15:24

Instrument :

BNA_F

ClientSampleId :

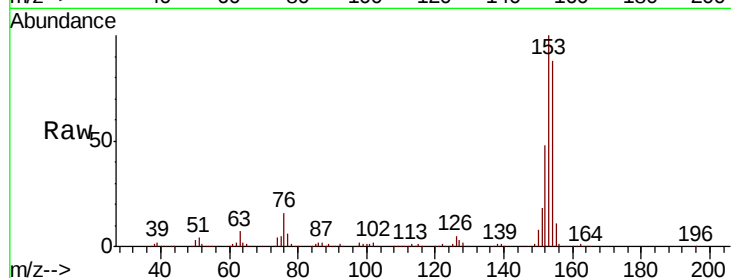
Tot Ion:154 Resp: 332396

Ion Ratio Lower Upper

154 100

153 113.4 90.1 135.1

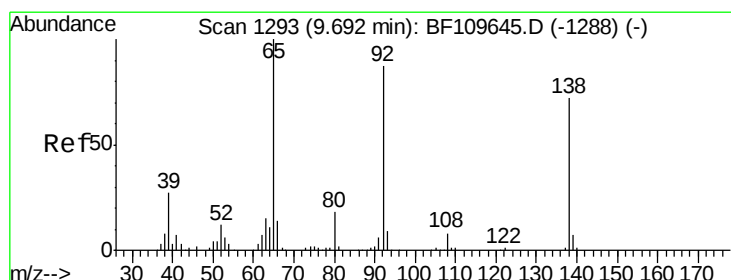
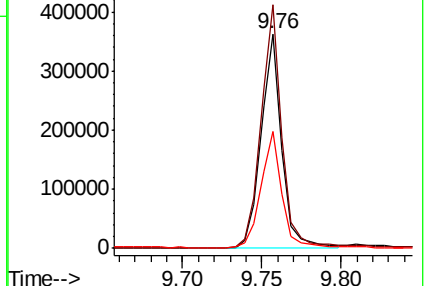
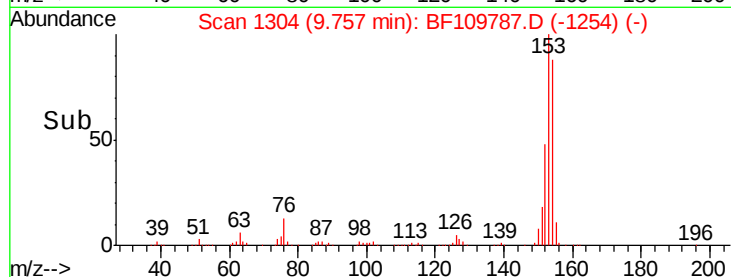
152 54.2 43.4 65.2



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: 16.156 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.00 min

Lab File: BF109787.D

Acq: 11 Oct 2018 15:24

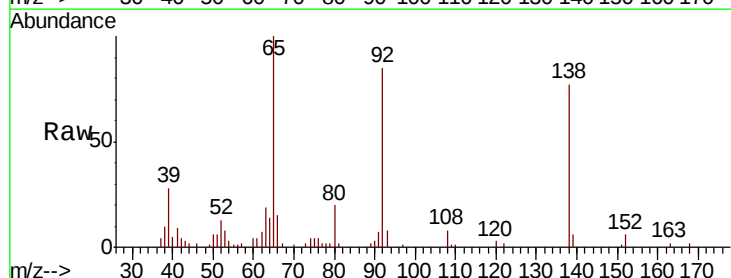
Tgt Ion:138 Resp: 43164

Ion Ratio Lower Upper

138 100

108 9.8 8.7 13.1

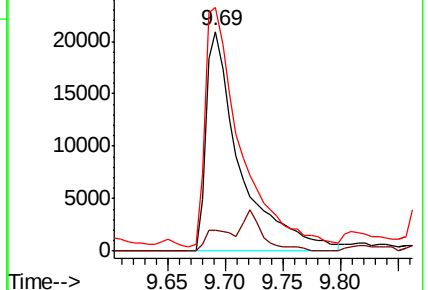
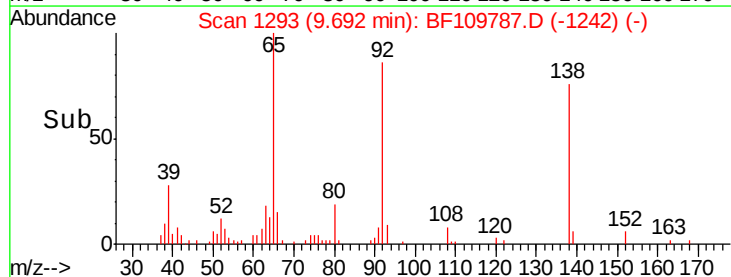
92 110.8 97.0 145.4

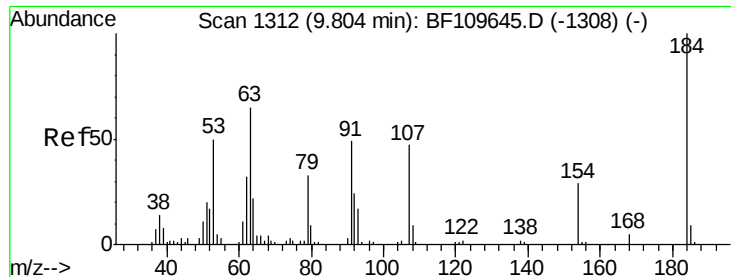


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

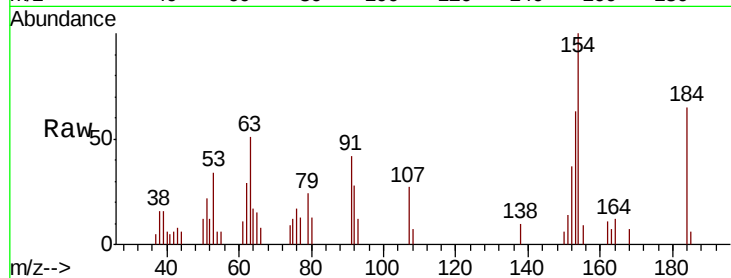




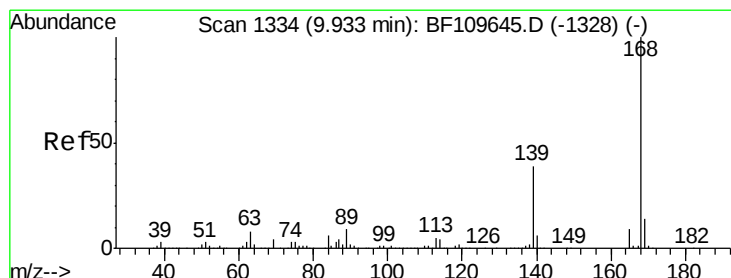
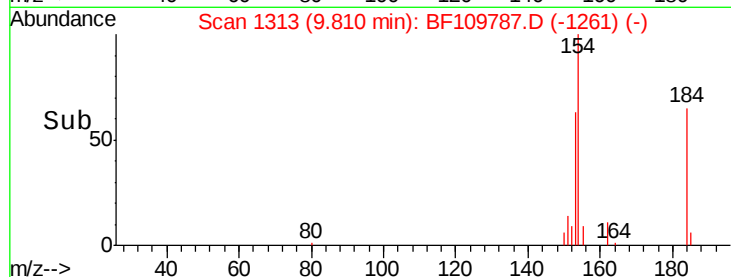
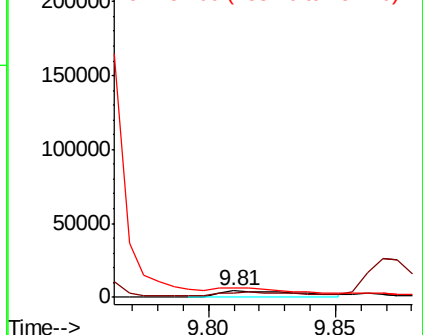
#53
 2,4-Dinitrophenol
 Concen: 12.873 ng
 RT: 9.81 min Scan# 1313
 Delta R.T. 0.01 min
 Lab File: BF109787.D
 Acq: 11 Oct 2018 15:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 9899
 Ion Ratio Lower Upper
 184 100
 63 78.0 55.8 83.6
 154 152.7 63.2 94.8#

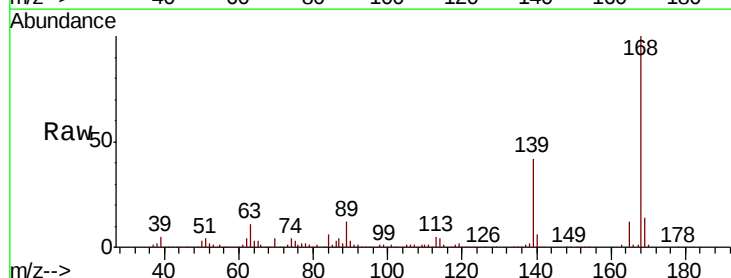


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

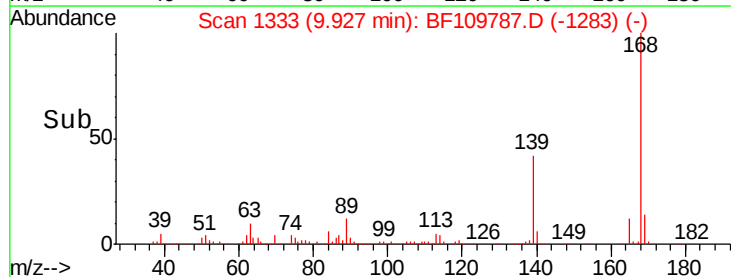
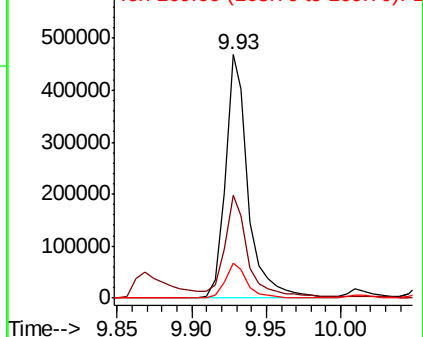


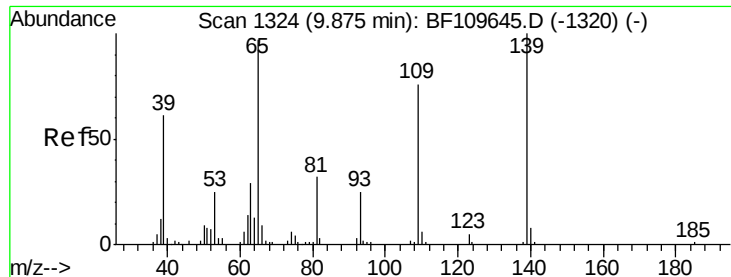
#54
 Dibenzofuran
 Concen: 38.719 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. -0.01 min
 Lab File: BF109787.D
 Acq: 11 Oct 2018 15:24

Tgt Ion:168 Resp: 503312
 Ion Ratio Lower Upper
 168 100
 139 42.2 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

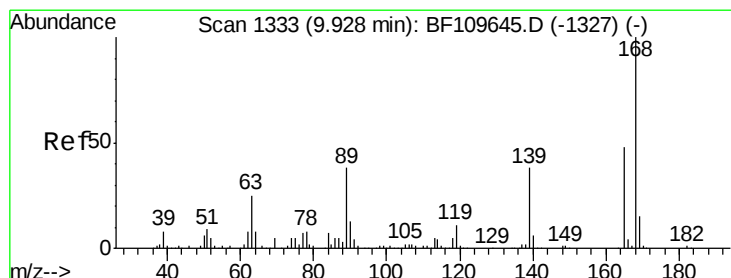
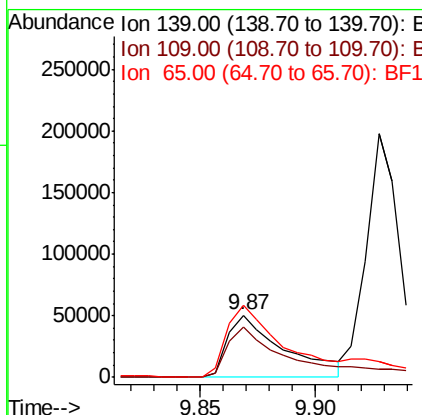
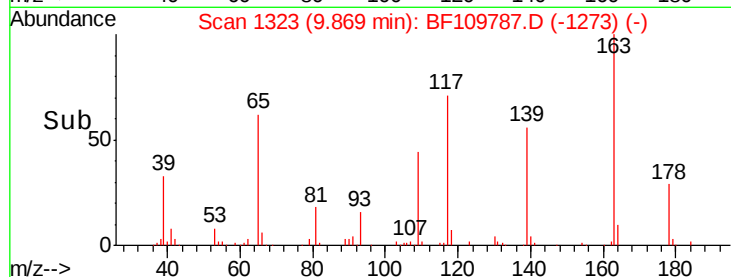
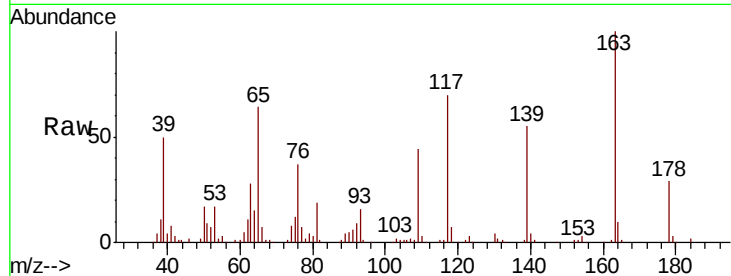




#55
4-Nitrophenol
Concen: 58.010 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BF109787.D
Acq: 11 Oct 2018 15:24

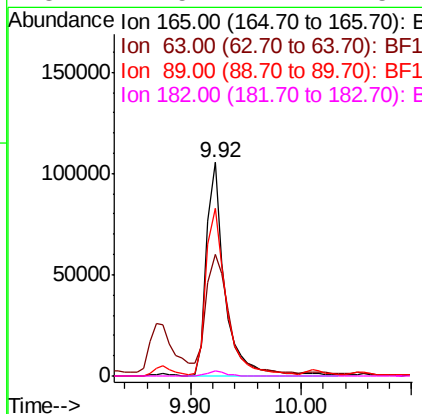
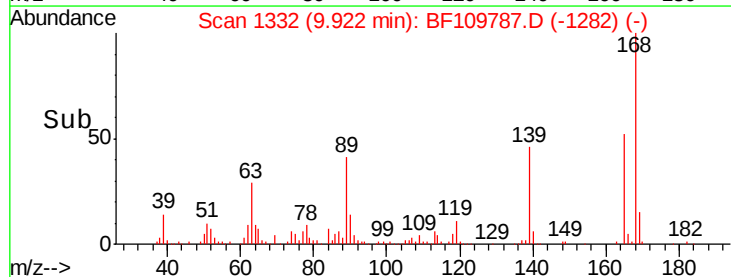
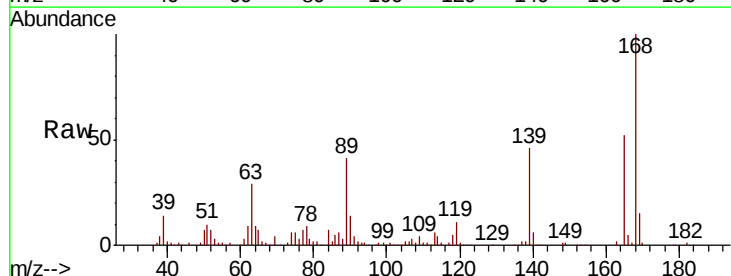
Instrument :
BNA_F
ClientSampled :

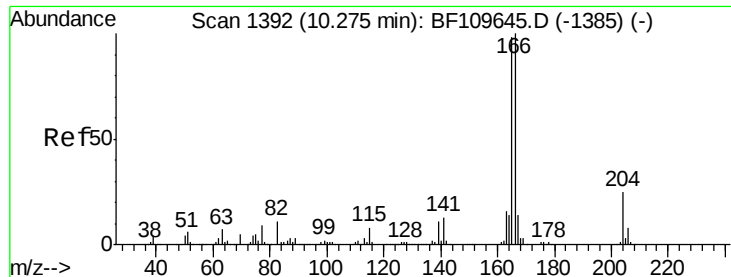
Tot Ion:139 Resp: 84837
Ion Ratio Lower Upper
139 100
109 80.5 55.8 95.8
65 116.1 77.9 117.9



#56
2,4-Dinitrotoluene
Concen: 40.110 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF109787.D
Acq: 11 Oct 2018 15:24

Tgt Ion:165 Resp: 119305
Ion Ratio Lower Upper
165 100
63 56.7 44.8 67.2
89 78.8 62.2 93.4
182 2.5 2.1 3.1

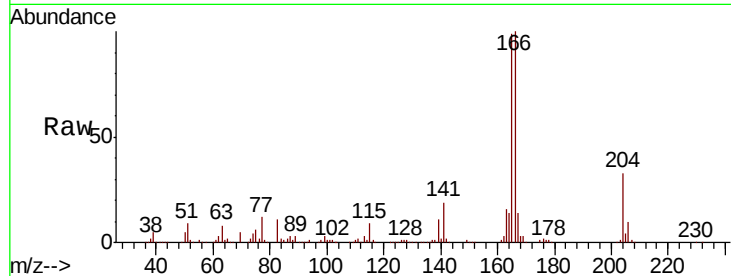




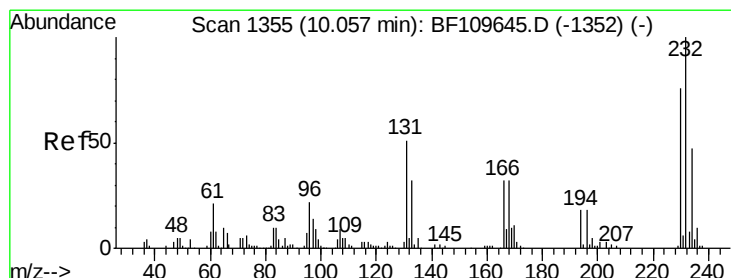
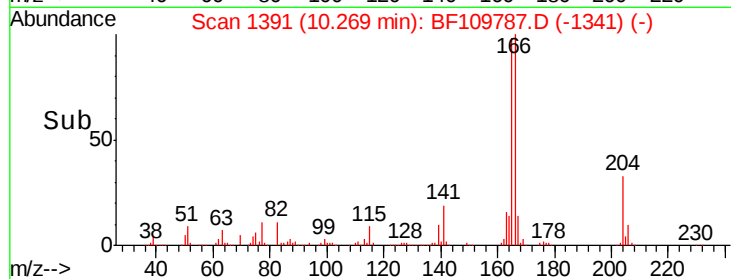
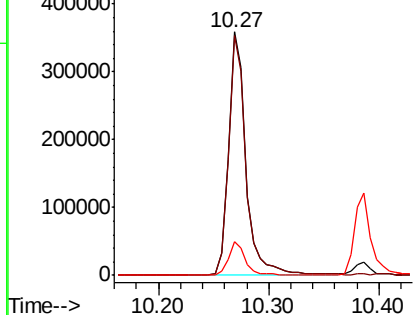
#57
 Fluorene
 Concen: 41.049 ng
 RT: 10.27 min Scan# 1391
 Delta R.T. -0.01 min
 Lab File: BF109787.D
 Acq: 11 Oct 2018 15:24

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:166 Resp: 398482
 Ion Ratio Lower Upper
 166 100
 165 98.7 78.6 117.8
 167 13.6 10.8 16.2

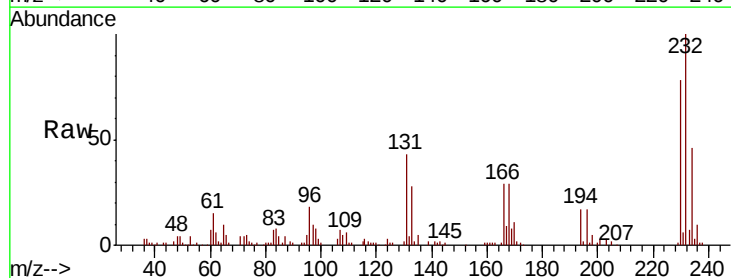


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

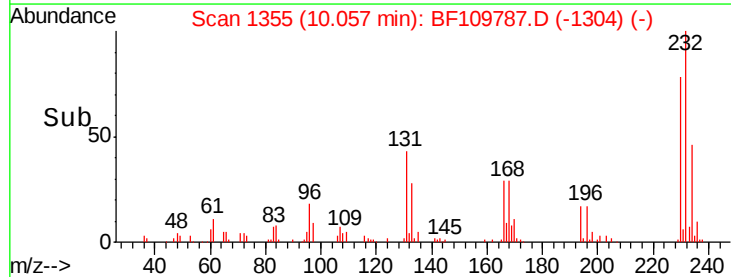
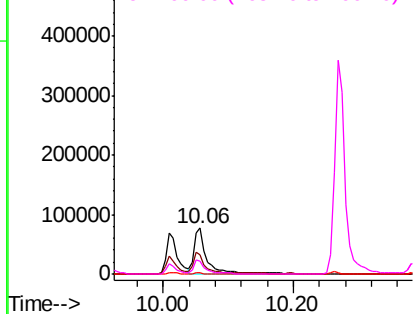


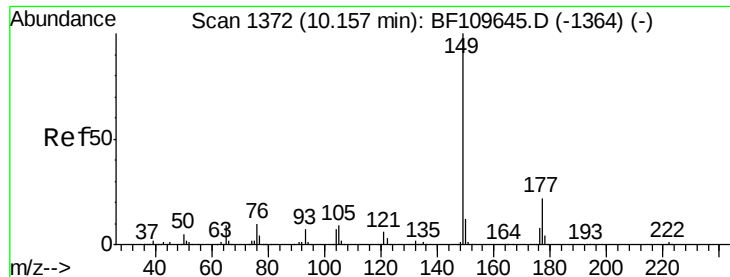
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 37.060 ng
 RT: 10.06 min Scan# 1355
 Delta R.T. -0.00 min
 Lab File: BF109787.D
 Acq: 11 Oct 2018 15:24

Tgt Ion:232 Resp: 105677
 Ion Ratio Lower Upper
 232 100
 131 44.2 37.0 55.4
 130 2.0 1.8 2.6
 166 26.0 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

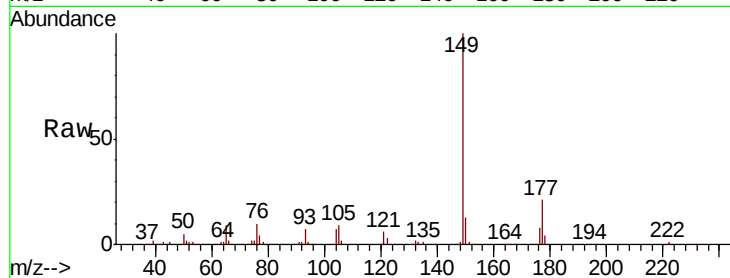




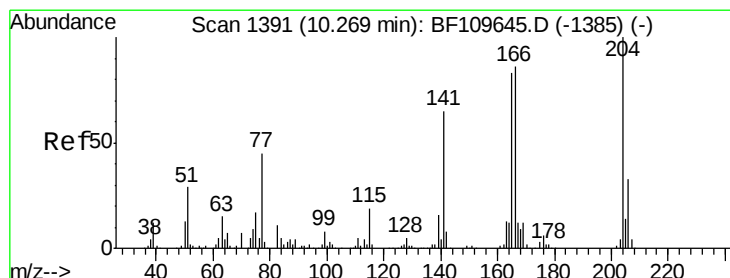
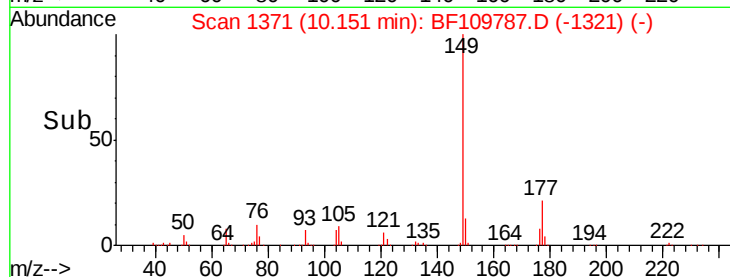
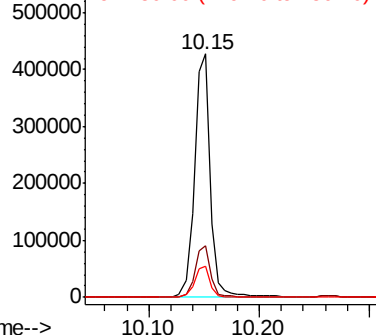
#59
Diethylphthalate
Concen: 39.347 ng
RT: 10.15 min Scan# 1371
Delta R.T. -0.01 min
Lab File: BF109787.D
Acq: 11 Oct 2018 15:24

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 428673
Ion Ratio Lower Upper
149 100
177 21.4 17.4 26.2
150 12.6 9.8 14.8

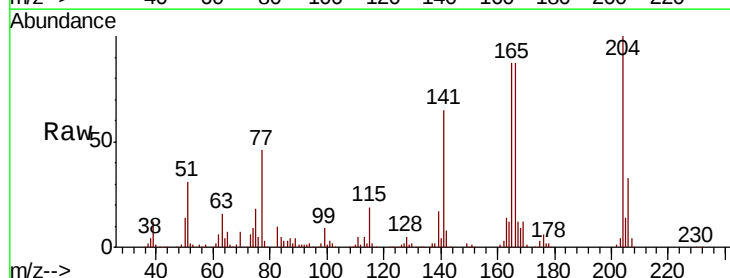


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

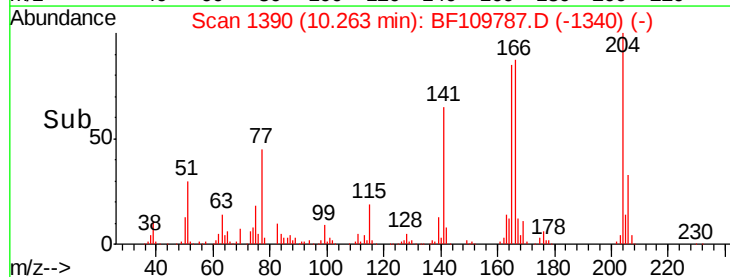
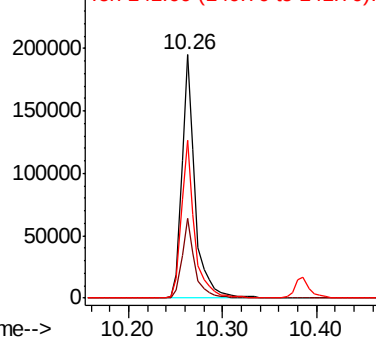


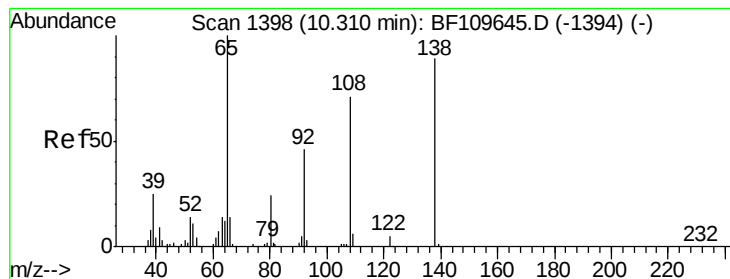
#60
4-Chlorophenyl-phenylether
Concen: 37.867 ng
RT: 10.26 min Scan# 1390
Delta R.T. -0.01 min
Lab File: BF109787.D
Acq: 11 Oct 2018 15:24

Tgt Ion:204 Resp: 193924
Ion Ratio Lower Upper
204 100
206 32.8 26.5 39.7
141 64.8 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: 34.781 ng

RT: 10.30 min Scan# 1397

Delta R.T. -0.01 min

Lab File: BF109787.D

Acq: 11 Oct 2018 15:24

Instrument :

BNA_F

ClientSampleId :

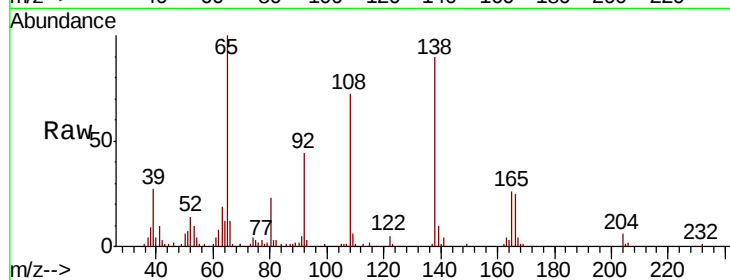
Tot Ion:138 Resp: 86059

Ion Ratio Lower Upper

138 100

92 49.2 31.7 71.7

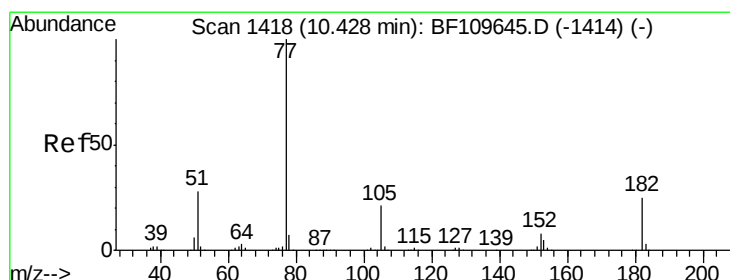
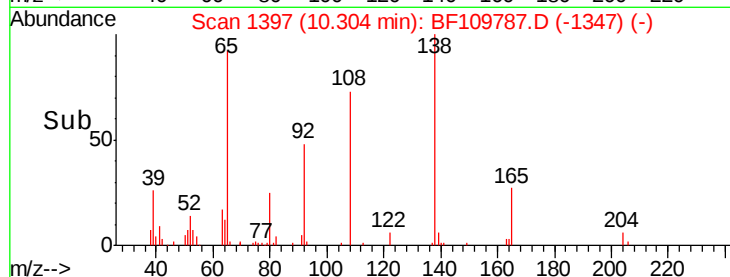
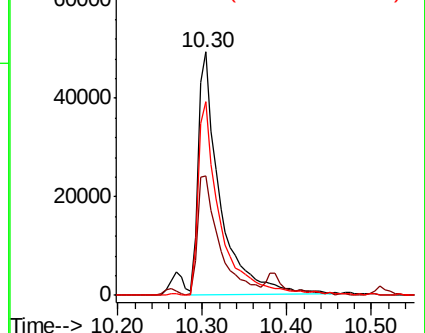
108 79.4 59.3 99.3



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: 38.917 ng

RT: 10.42 min Scan# 1417

Delta R.T. -0.01 min

Lab File: BF109787.D

Acq: 11 Oct 2018 15:24

Tgt Ion: 77 Resp: 430549

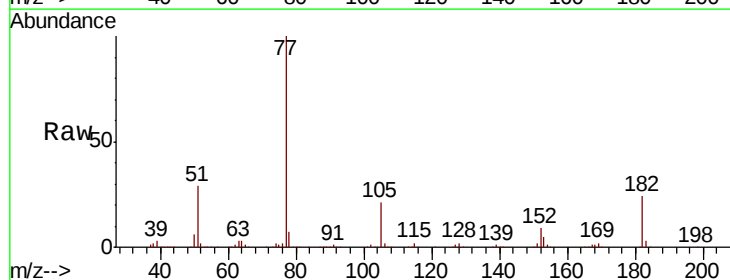
Ion Ratio Lower Upper

77 100

182 23.9 4.3 44.3

105 21.3 1.3 41.3

51 29.2 9.0 49.0

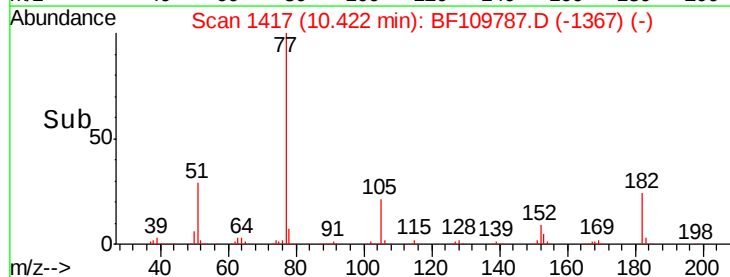
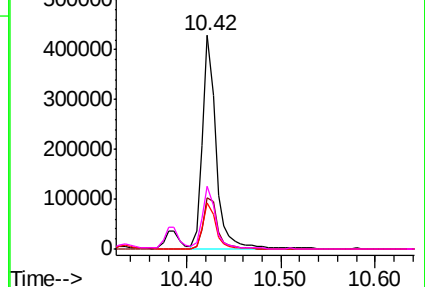


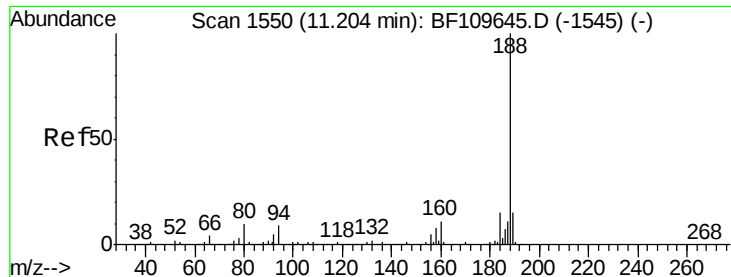
Abundance Ion 77.00 (76.70 to 77.70): BF1

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

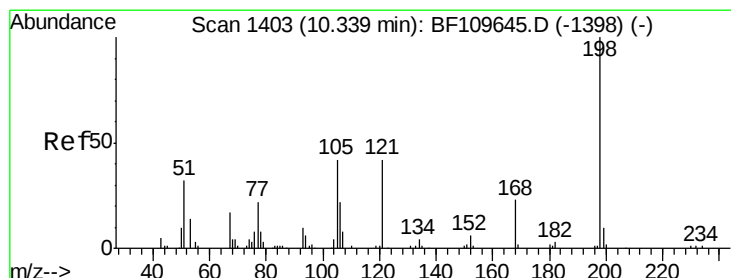
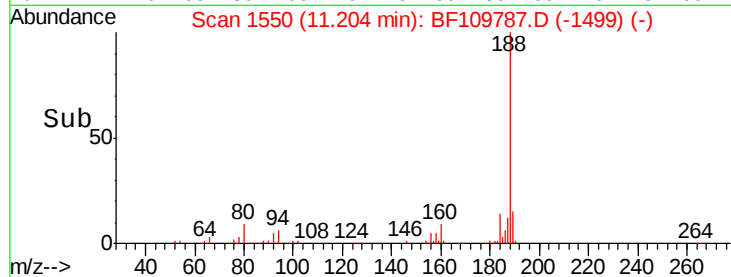
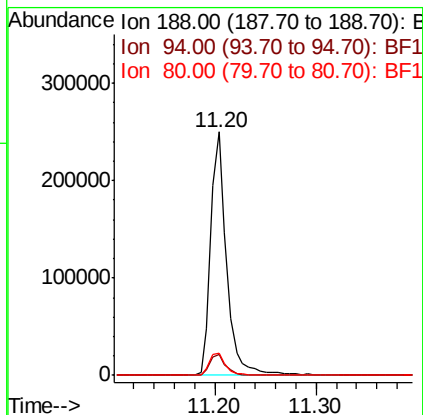
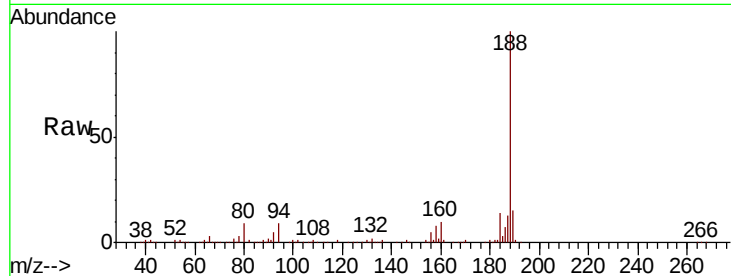




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1550
Delta R.T. -0.00 min
Lab File: BF109787.D
Acq: 11 Oct 2018 15:24

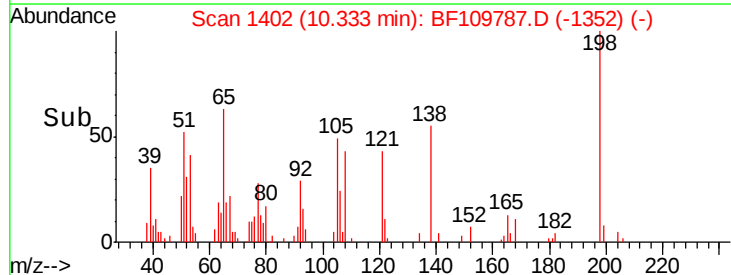
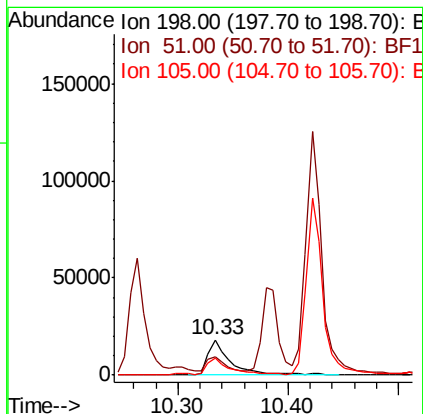
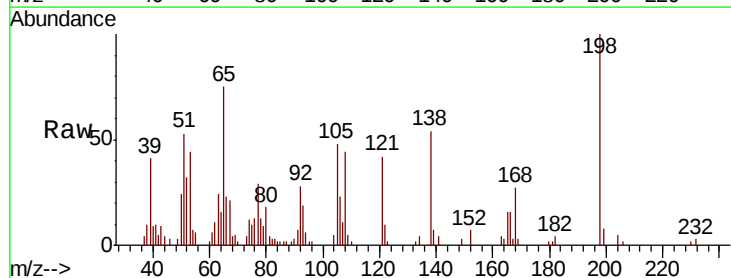
Instrument :
BNA_F
ClientSampleId :

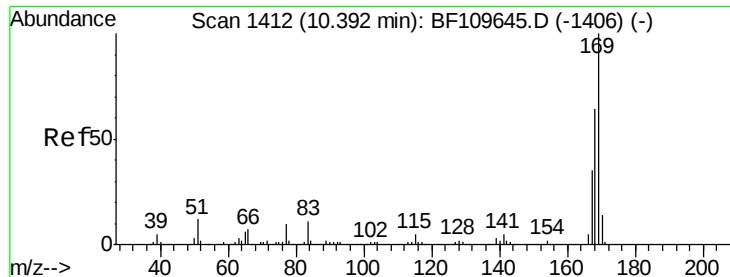
Tot Ion:188 Resp: 273286
Ion Ratio Lower Upper
188 100
94 8.6 7.2 10.8
80 9.1 7.9 11.9



#64
4,6-Dinitro-2-methylphenol
Concen: 19.259 ng
RT: 10.33 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF109787.D
Acq: 11 Oct 2018 15:24

Tgt Ion:198 Resp: 25617
Ion Ratio Lower Upper
198 100
51 53.1 22.8 62.8
105 47.5 23.6 63.6

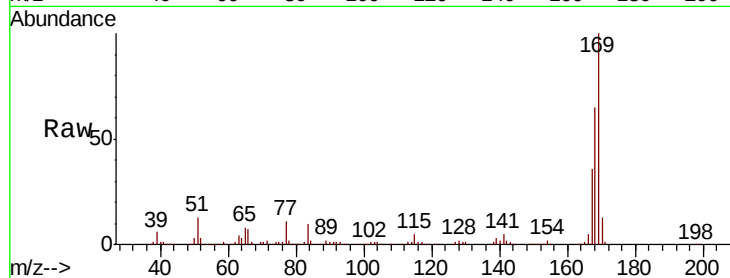




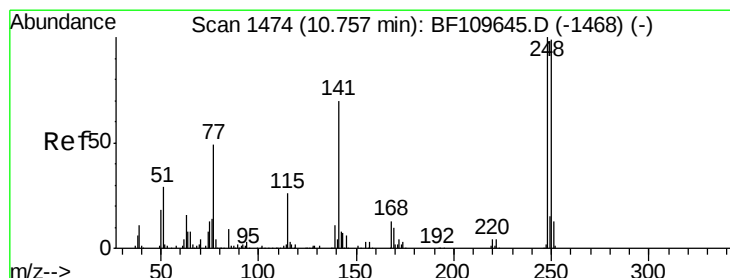
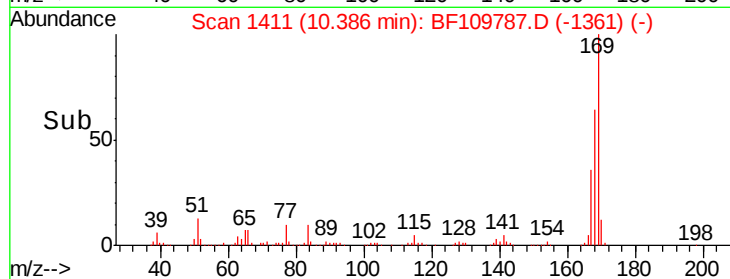
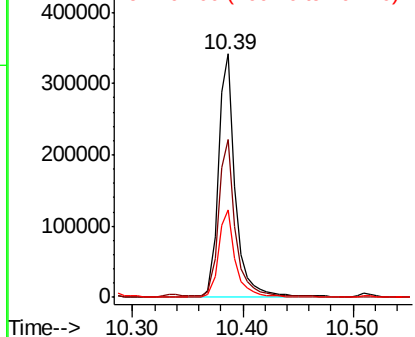
#65
n-Nitrosodiphenylamine
Concen: 39.074 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BF109787.D
Acq: 11 Oct 2018 15:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:169 Resp: 362003
Ion Ratio Lower Upper
169 100
168 64.7 51.2 76.8
167 35.7 27.8 41.6

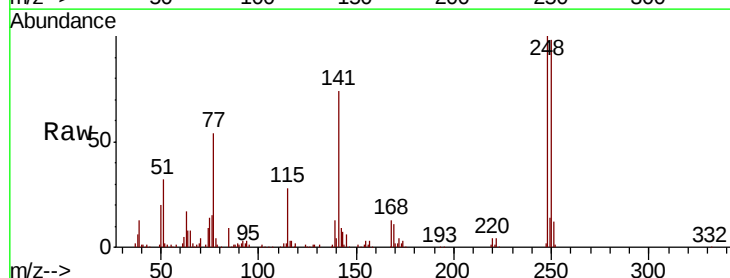


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

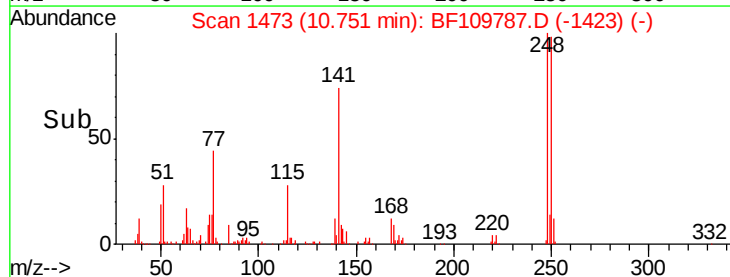
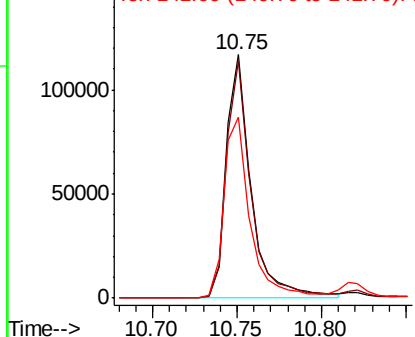


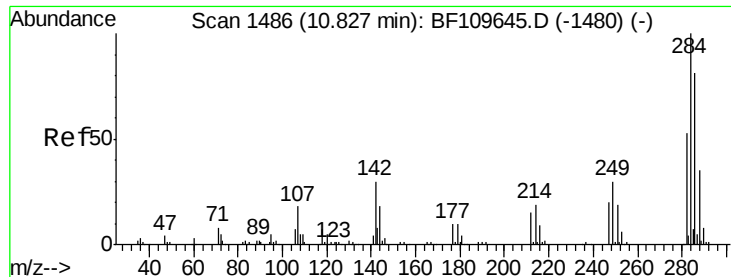
#66
4-Bromophenyl-phenylether
Concen: 38.396 ng
RT: 10.75 min Scan# 1473
Delta R.T. -0.01 min
Lab File: BF109787.D
Acq: 11 Oct 2018 15:24

Tgt Ion:248 Resp: 120567
Ion Ratio Lower Upper
248 100
250 97.6 79.4 119.2
141 74.5 55.9 83.9



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

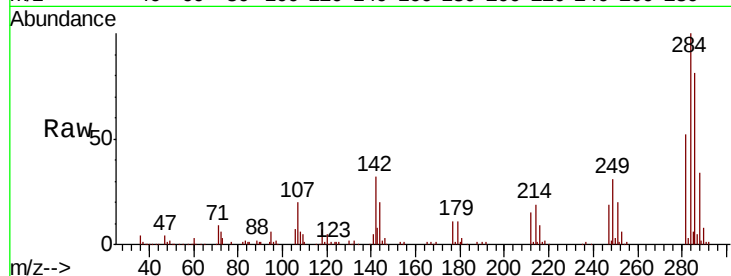




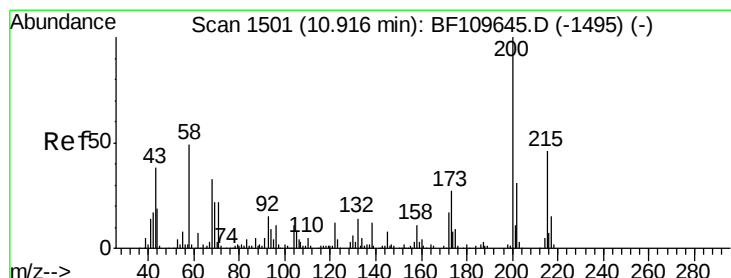
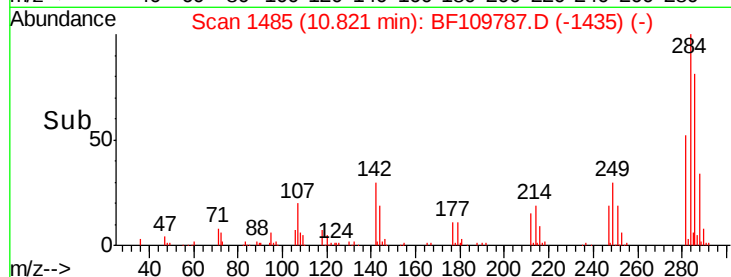
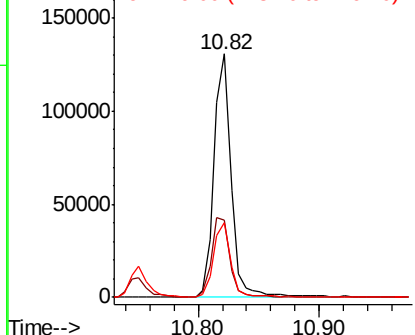
#67
Hexachlorobenzene
Concen: 37.758 ng
RT: 10.82 min Scan# 1485
Delta R.T. -0.01 min
Lab File: BF109787.D
Acq: 11 Oct 2018 15:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	31.6	23.9	35.9
249	30.8	24.2	36.2

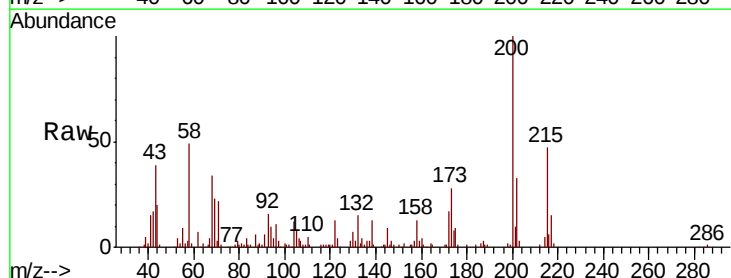


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

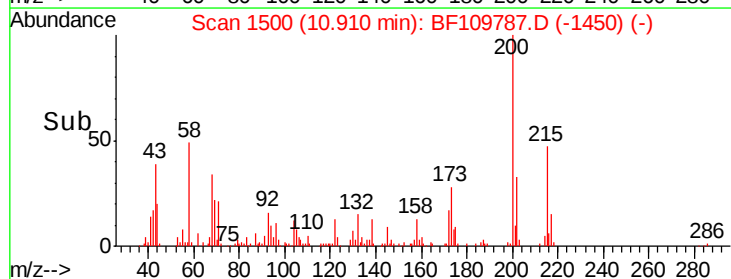
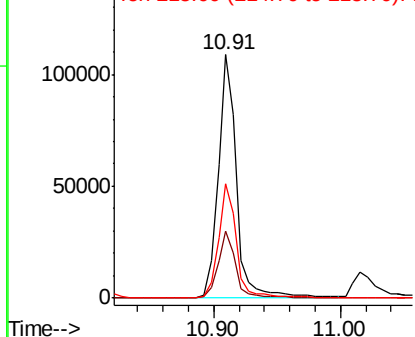


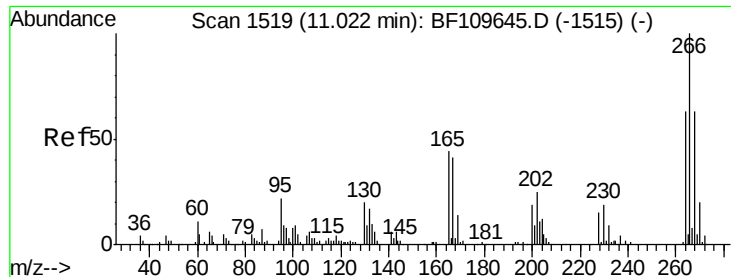
#68
Atrazine
Concen: 38.209 ng
RT: 10.91 min Scan# 1500
Delta R.T. -0.01 min
Lab File: BF109787.D
Acq: 11 Oct 2018 15:24

Tgt Ion	Ratio	Lower	Upper
200	100		
173	27.7	6.6	46.6
215	46.7	26.3	66.3



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

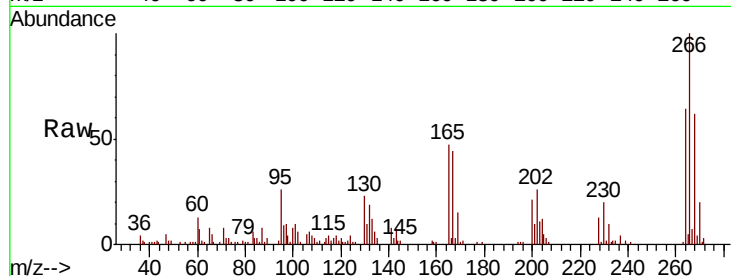




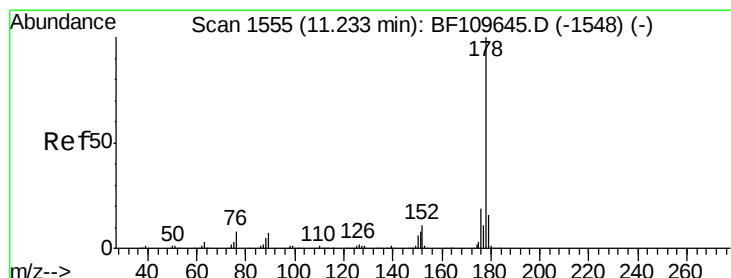
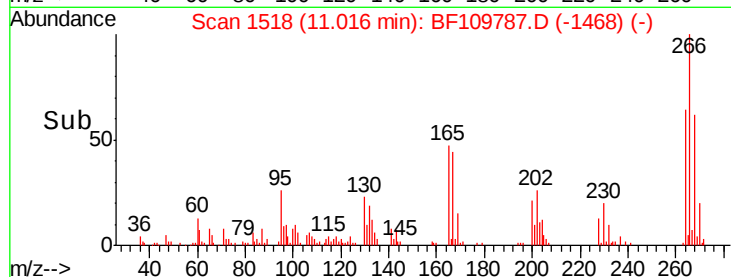
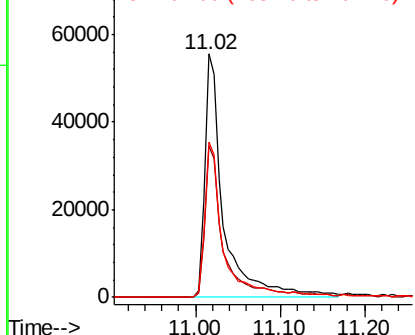
#69
 Pentachlorophenol
 Concen: 44.782 ng
 RT: 11.02 min Scan# 1518
 Delta R.T. -0.01 min
 Lab File: BF109787.D
 Acq: 11 Oct 2018 15:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 85683
 Ion Ratio Lower Upper
 266 100
 268 62.4 50.6 75.8
 264 63.9 50.6 75.8

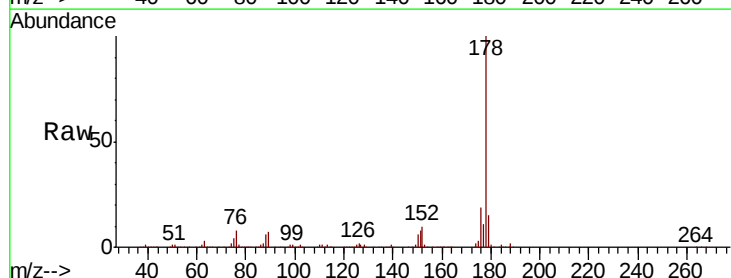


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

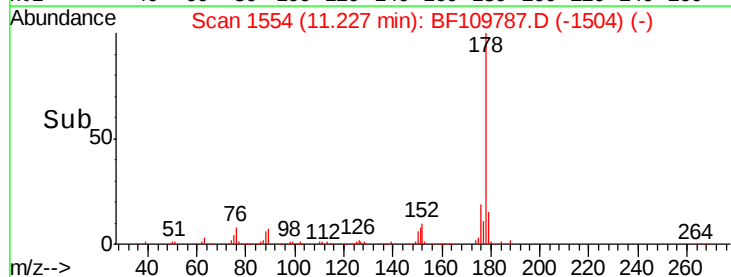
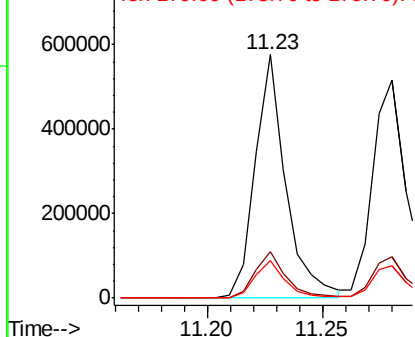


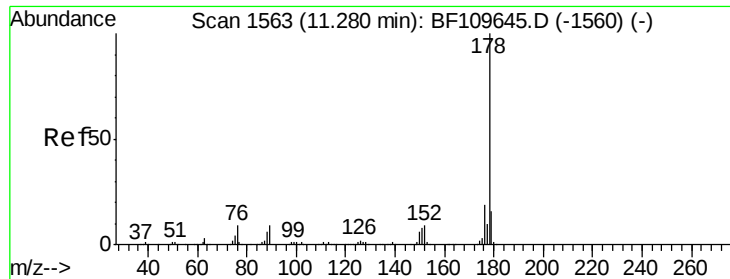
#70
 Phenanthrene
 Concen: 39.310 ng
 RT: 11.23 min Scan# 1554
 Delta R.T. -0.01 min
 Lab File: BF109787.D
 Acq: 11 Oct 2018 15:24

Tgt Ion:178 Resp: 537610
 Ion Ratio Lower Upper
 178 100
 176 19.2 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

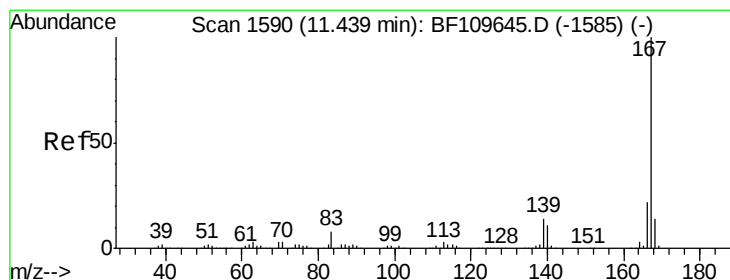
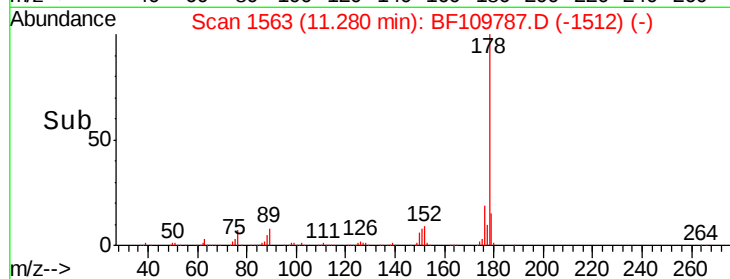
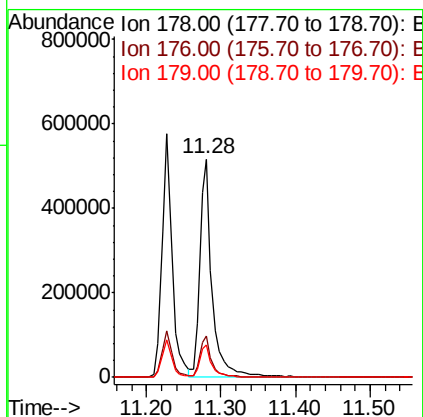
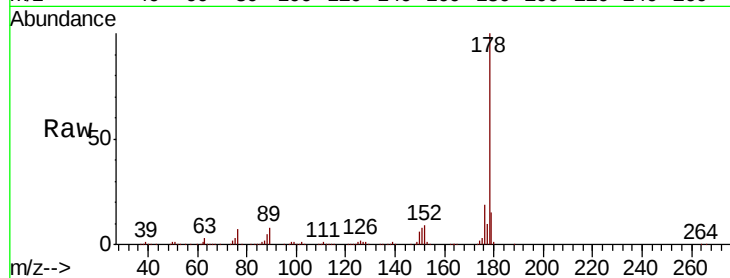




#71
 Anthracene
 Concen: 42.128 ng
 RT: 11.28 min Scan# 1563
 Delta R.T. -0.00 min
 Lab File: BF109787.D
 Acq: 11 Oct 2018 15:24

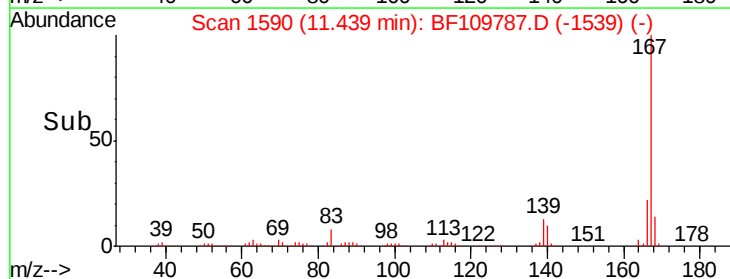
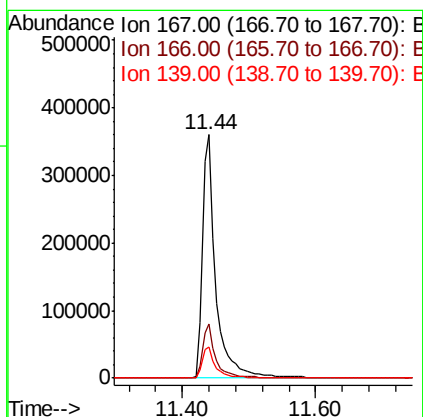
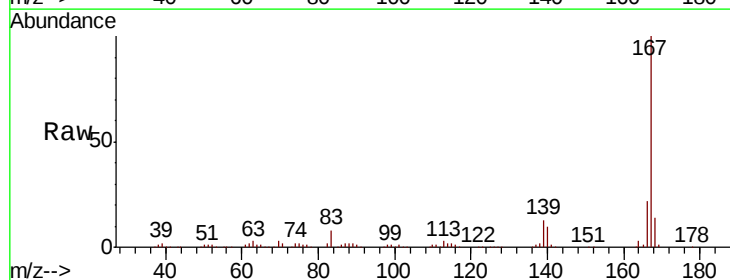
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.4	23.2
179	15.1	12.6	18.8



#72
 Carbazole
 Concen: 35.594 ng
 RT: 11.44 min Scan# 1590
 Delta R.T. -0.00 min
 Lab File: BF109787.D
 Acq: 11 Oct 2018 15:24

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.4	26.0
139	13.0	10.9	16.3

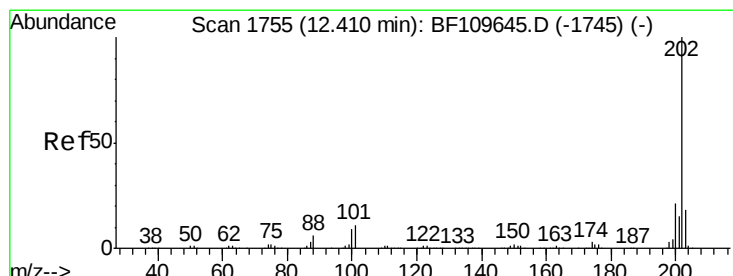
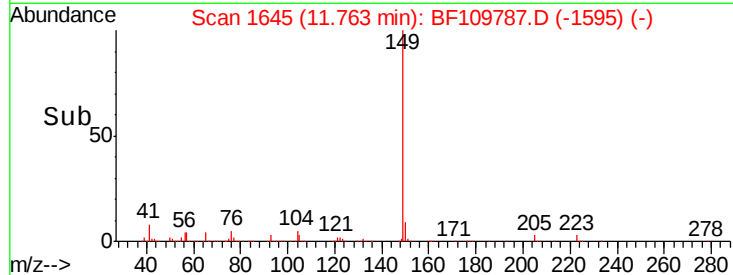
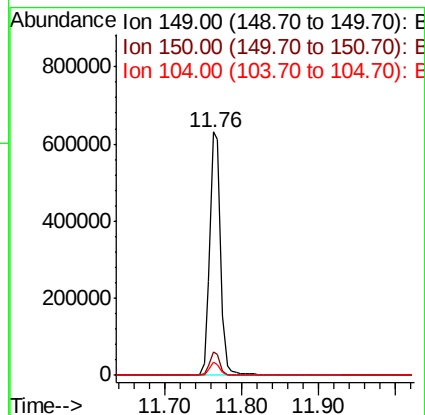
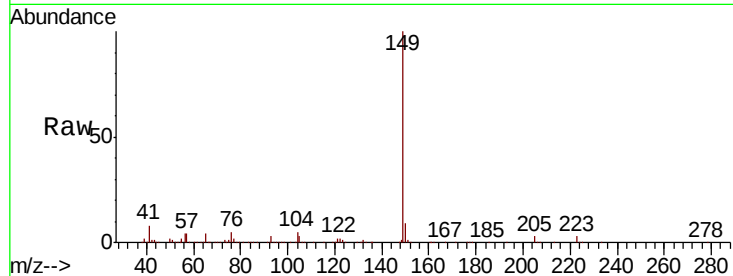




#73
Di-n-butylphthalate
Concen: 39.116 ng
RT: 11.76 min Scan# 1645
Delta R.T. -0.01 min
Lab File: BF109787.D
Acq: 11 Oct 2018 15:24

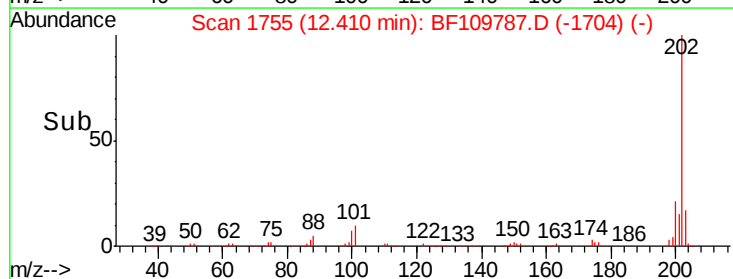
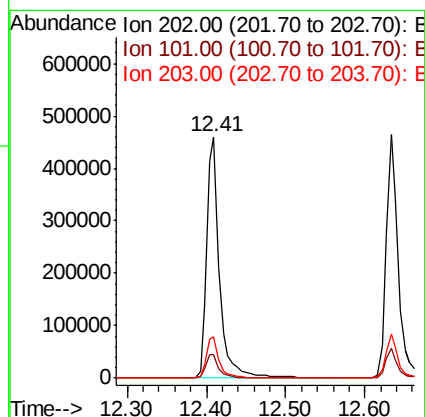
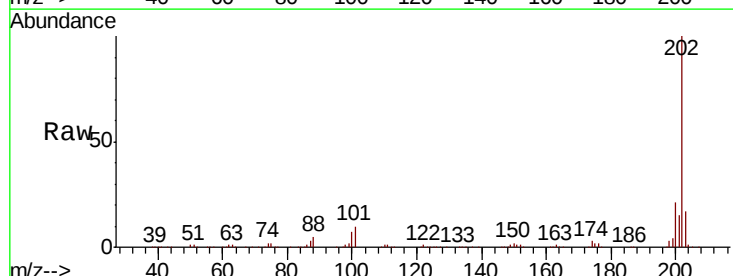
Instrument :
BNA_F
ClientSampleId :

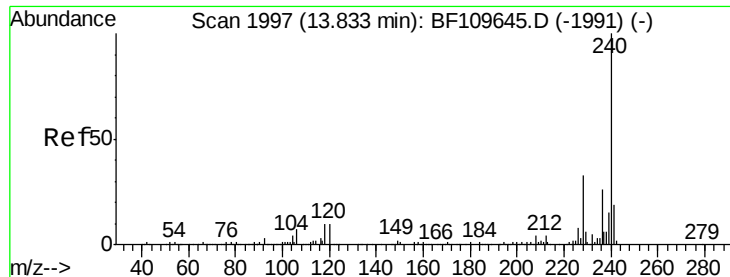
Tot Ion:149 Resp: 622073
Ion Ratio Lower Upper
149 100
150 9.5 7.7 11.5
104 5.4 4.2 6.4



#74
Fluoranthene
Concen: 36.704 ng
RT: 12.41 min Scan# 1755
Delta R.T. -0.00 min
Lab File: BF109787.D
Acq: 11 Oct 2018 15:24

Tgt Ion:202 Resp: 524408
Ion Ratio Lower Upper
202 100
101 9.6 0.0 31.4
203 17.0 0.0 37.7





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.83 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BF109787.D

Acq: 11 Oct 2018 15:24

Instrument :

BNA_F

ClientSampleId :

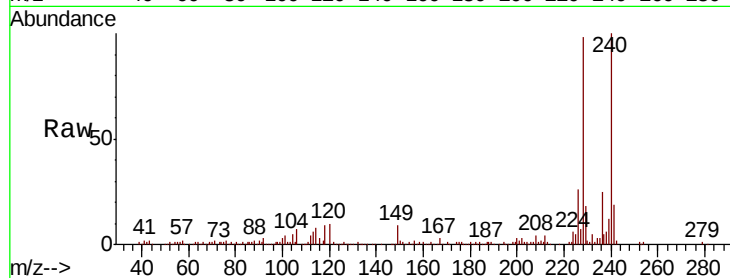
Tot Ion:240 Resp: 178262

Ion Ratio Lower Upper

240 100

120 10.2 8.3 12.5

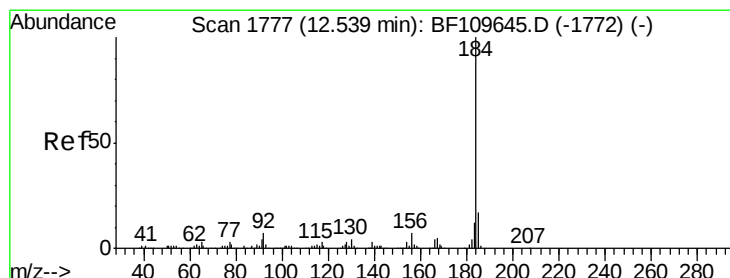
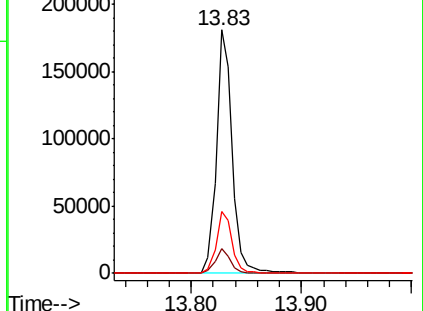
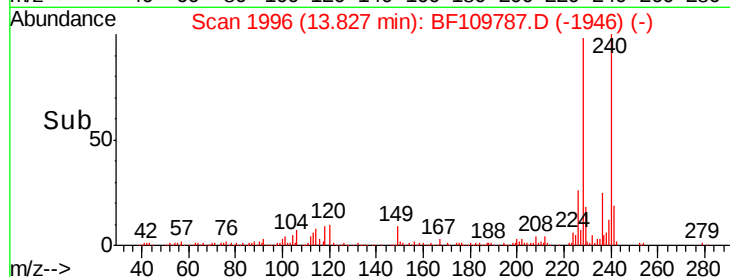
236 25.4 21.2 31.8



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: 17.685 ng

RT: 12.54 min Scan# 1777

Delta R.T. -0.00 min

Lab File: BF109787.D

Acq: 11 Oct 2018 15:24

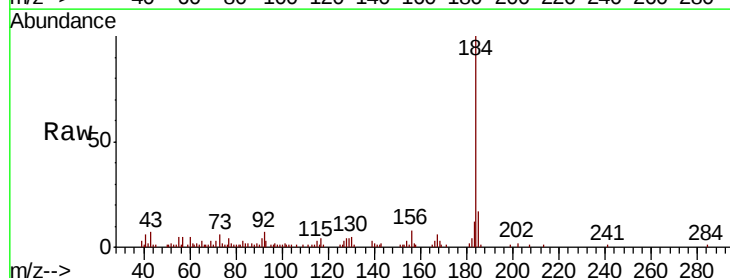
Tgt Ion:184 Resp: 117112

Ion Ratio Lower Upper

184 100

185 17.1 13.4 20.2

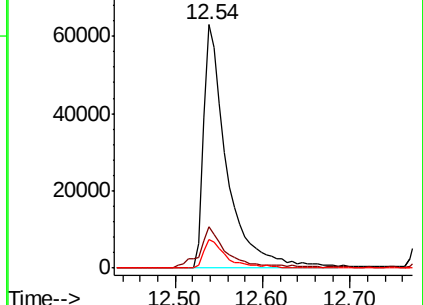
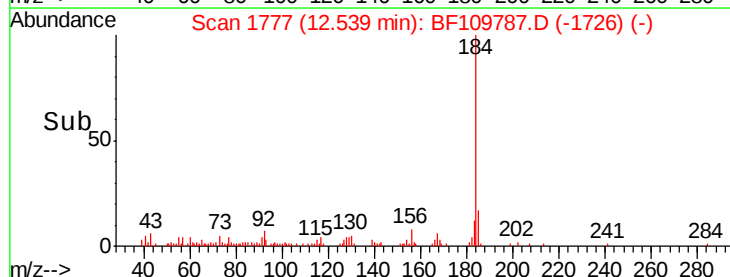
183 11.9 9.4 14.2

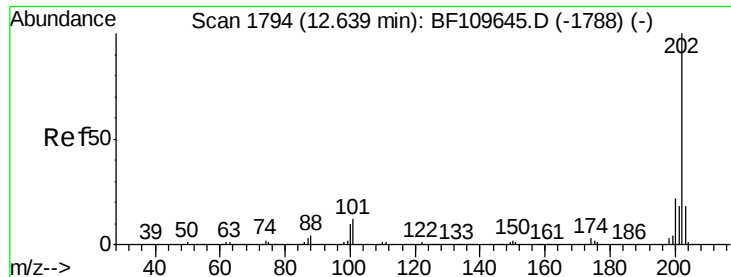


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

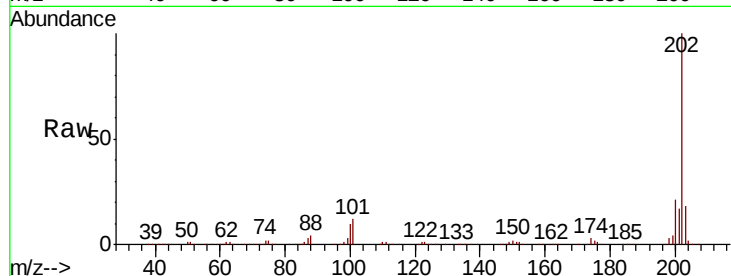




#77
Pvrene
Concen: 38.622 ng
RT: 12.63 min Scan# 1793
Delta R.T. -0.01 min
Lab File: BF109787.D
Acq: 11 Oct 2018 15:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.8	26.6
203	17.8	14.2	21.4

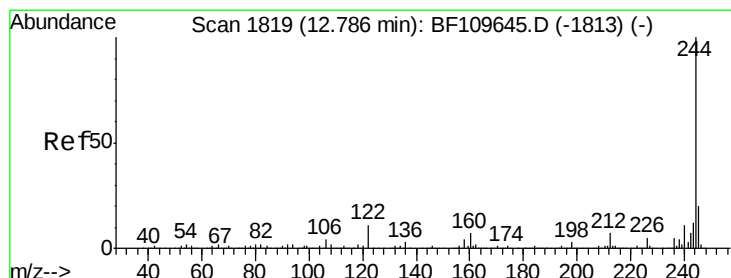
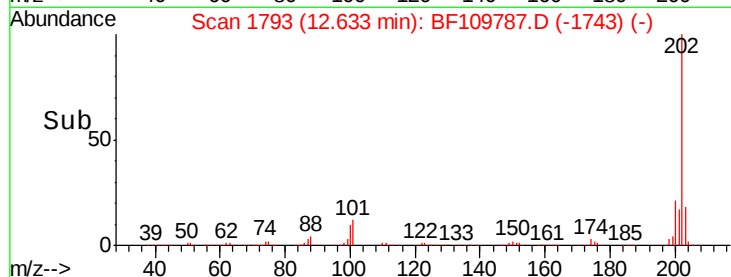
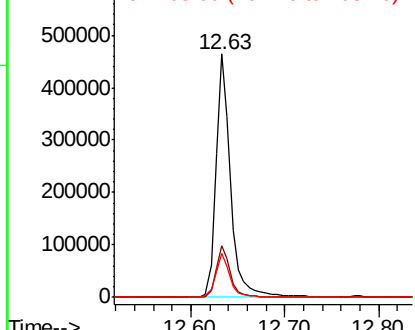


Abundance

Ion 202.00 (201.70 to 202.70): E

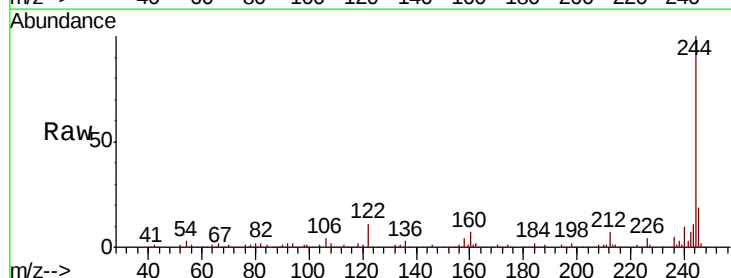
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78
Terphenyl-d14
Concen: 71.926 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.01 min
Lab File: BF109787.D
Acq: 11 Oct 2018 15:24

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.8
122	10.7	8.7	13.1

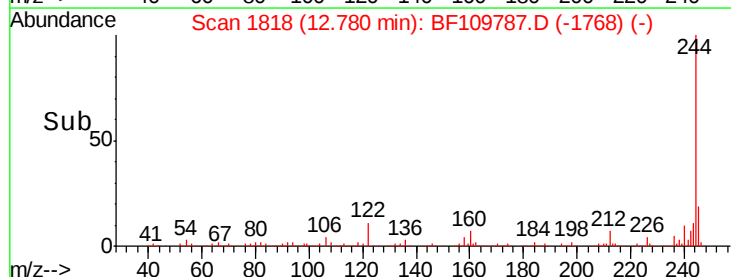
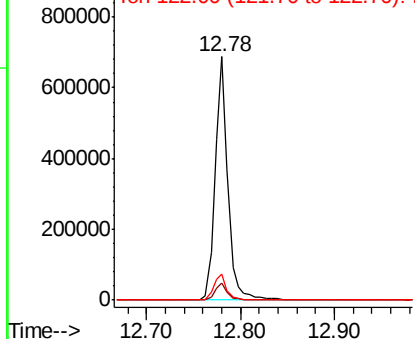


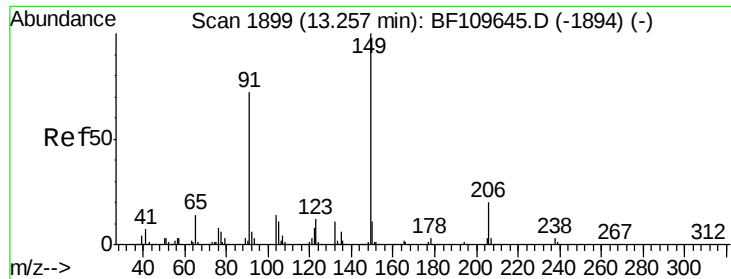
Abundance

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

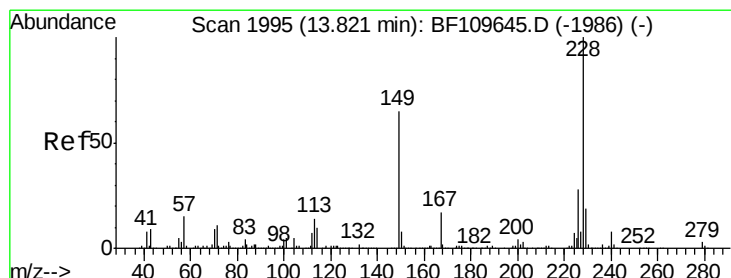
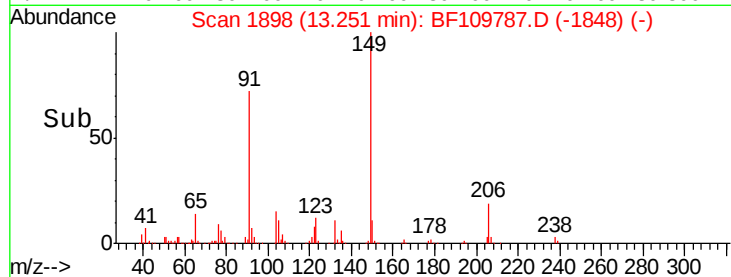
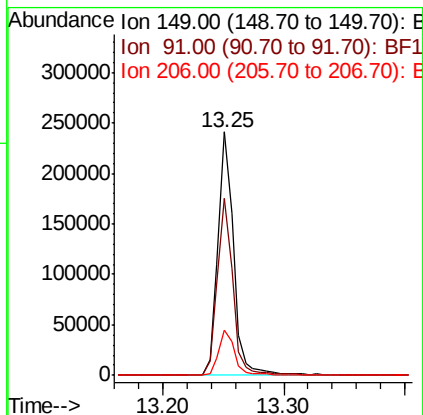
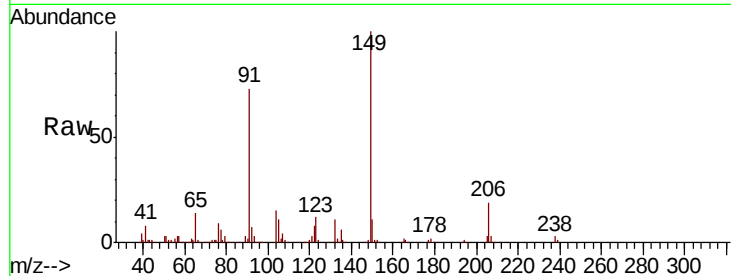




#79
Butylbenzylphthalate
Concen: 37.859 ng
RT: 13.25 min Scan# 1898
Delta R.T. -0.01 min
Lab File: BF109787.D
Acq: 11 Oct 2018 15:24

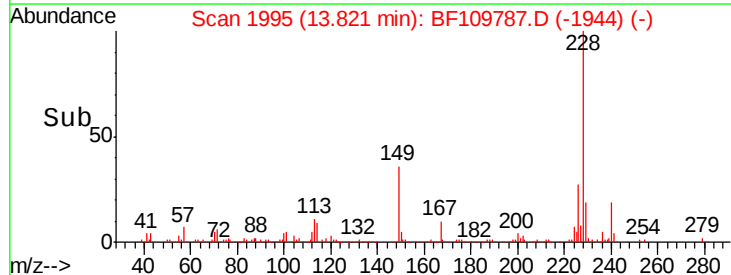
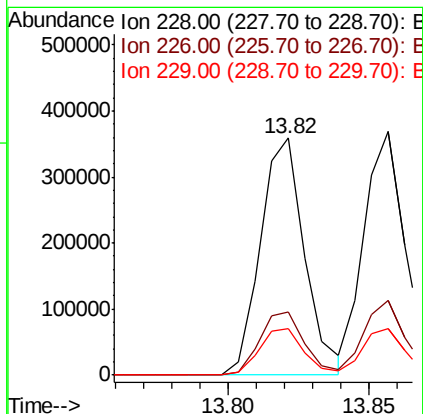
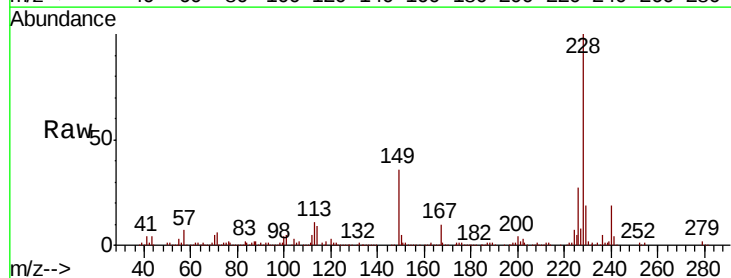
Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
91	72.5	57.2	85.8
206	18.5	15.7	23.5



#80
Benzo(a)anthracene
Concen: 39.684 ng
RT: 13.82 min Scan# 1995
Delta R.T. -0.00 min
Lab File: BF109787.D
Acq: 11 Oct 2018 15:24

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.8	22.1	33.1
229	19.5	15.6	23.4

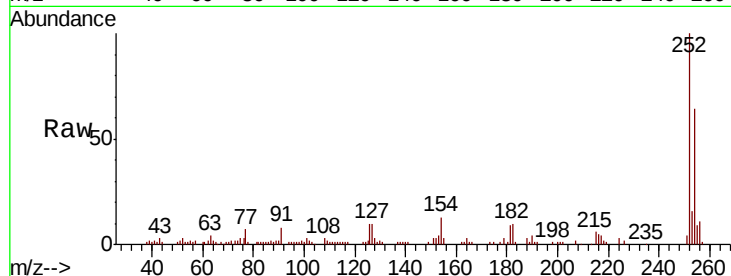




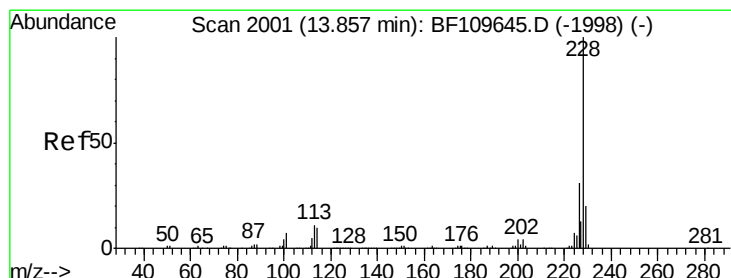
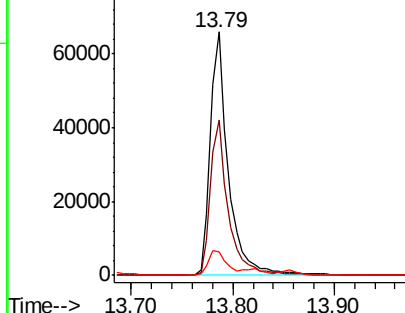
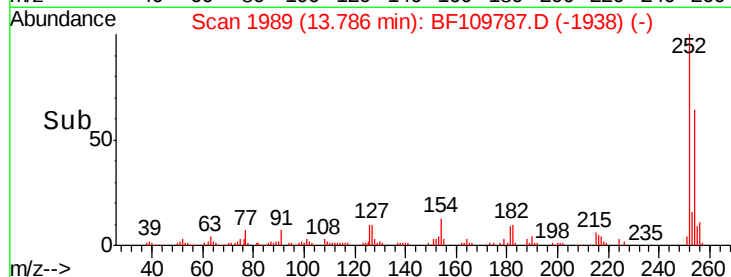
#81
 3,3'-Dichlorobenzidine
 Concen: 20.561 ng
 RT: 13.79 min Scan# 1989
 Delta R.T. -0.00 min
 Lab File: BF109787.D
 Acq: 11 Oct 2018 15:24

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:252 Resp: 81441
 Ion Ratio Lower Upper
 252 100
 254 64.0 51.3 76.9
 126 9.7 9.4 14.2

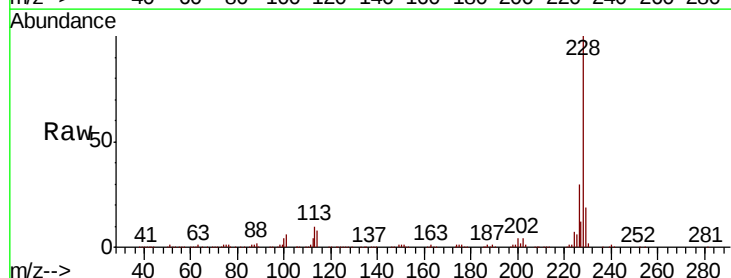


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

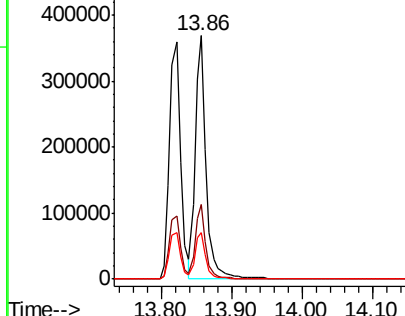
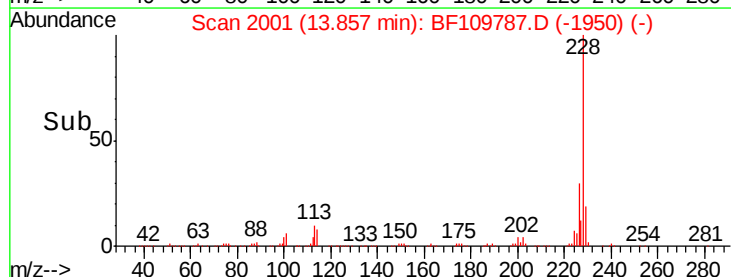


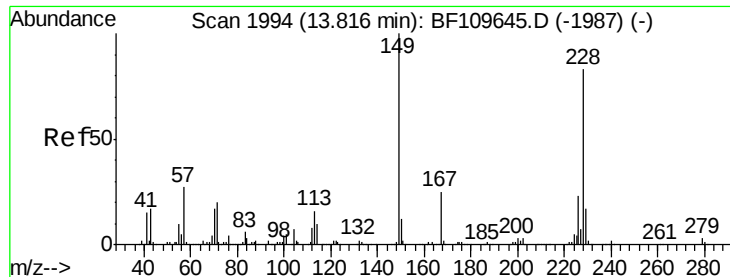
#82
 Chrysene
 Concen: 39.614 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. -0.00 min
 Lab File: BF109787.D
 Acq: 11 Oct 2018 15:24

Tgt Ion:228 Resp: 409328
 Ion Ratio Lower Upper
 228 100
 226 30.4 24.7 37.1
 229 19.4 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

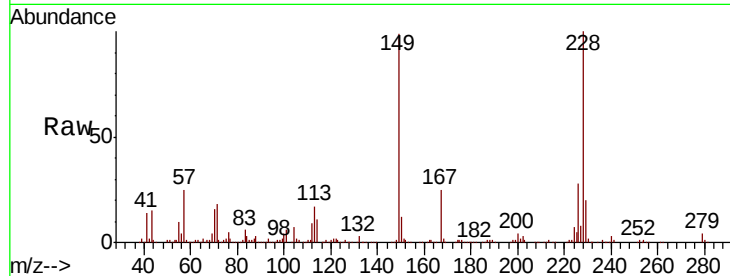




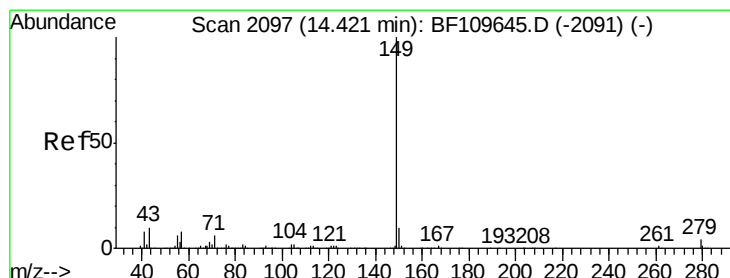
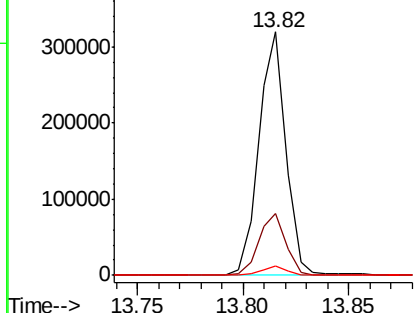
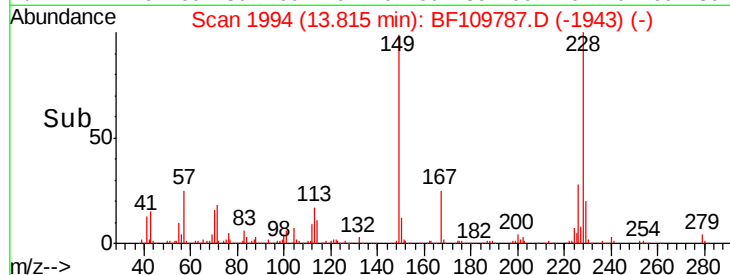
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.093 ng
 RT: 13.82 min Scan# 1994
 Delta R.T. -0.00 min
 Lab File: BF109787.D
 Acq: 11 Oct 2018 15:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 283888
 Ion Ratio Lower Upper
 149 100
 167 25.6 19.8 29.8
 279 3.6 2.7 4.1

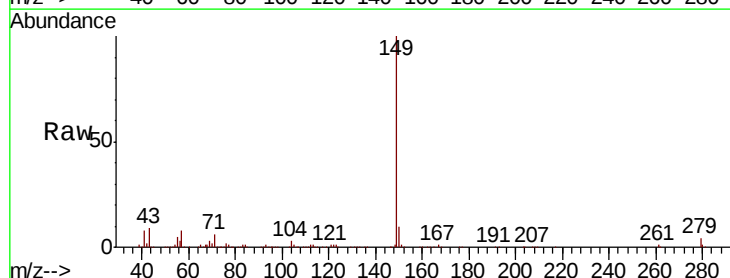


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

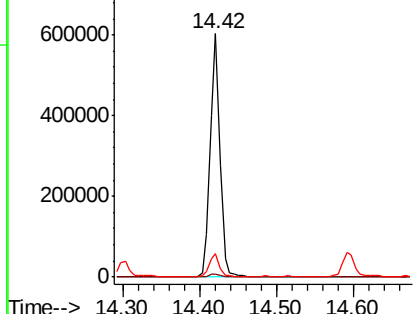
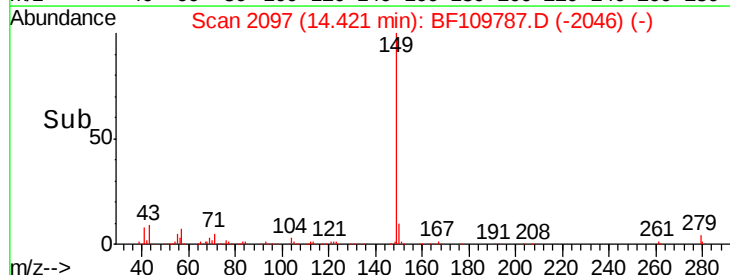


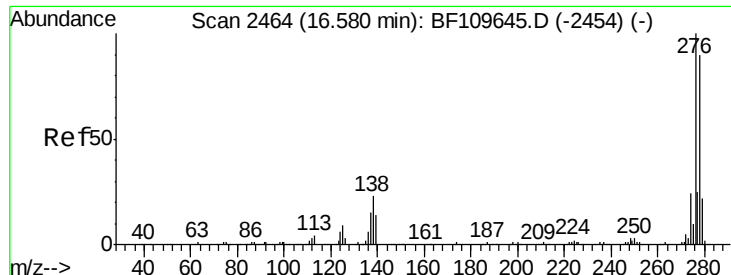
#84
 Di-n-octyl phthalate
 Concen: 47.998 ng
 RT: 14.42 min Scan# 2097
 Delta R.T. -0.00 min
 Lab File: BF109787.D
 Acq: 11 Oct 2018 15:24

Tgt Ion:149 Resp: 524123
 Ion Ratio Lower Upper
 149 100
 167 1.4 1.1 1.7
 43 9.5 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

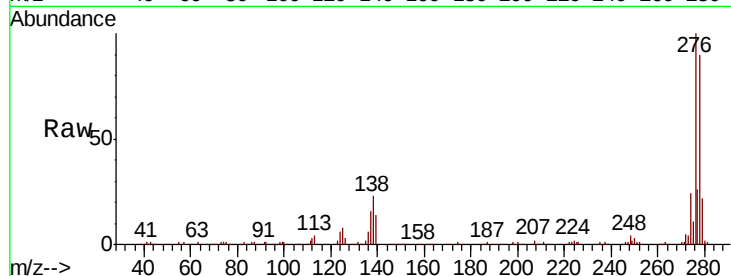




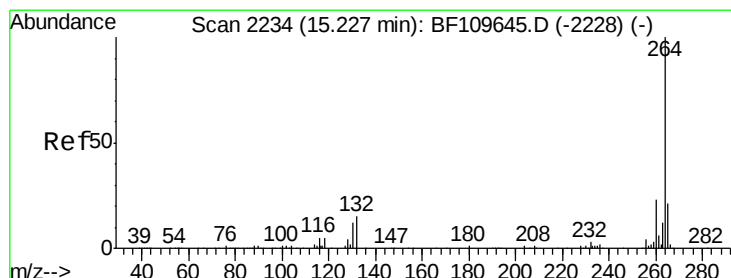
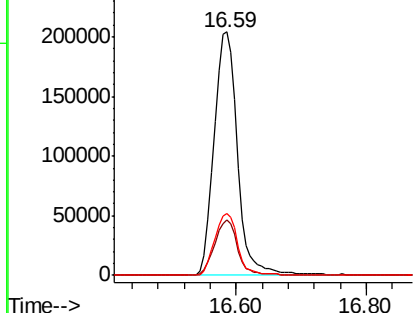
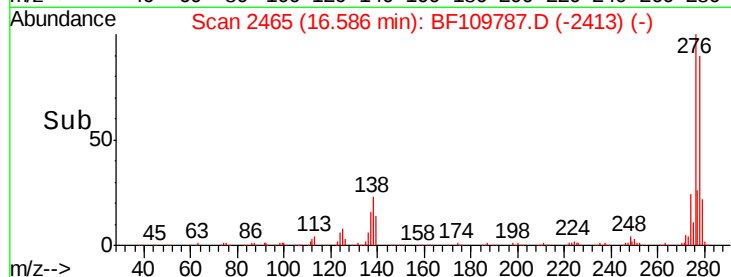
#85
Indeno(1,2,3-cd)pyrene
Concen: 68.998 ng
RT: 16.59 min Scan# 2465
Delta R.T. 0.01 min
Lab File: BF109787.D
Acq: 11 Oct 2018 15:24

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.5	18.5	27.7
277	25.0	20.0	30.0

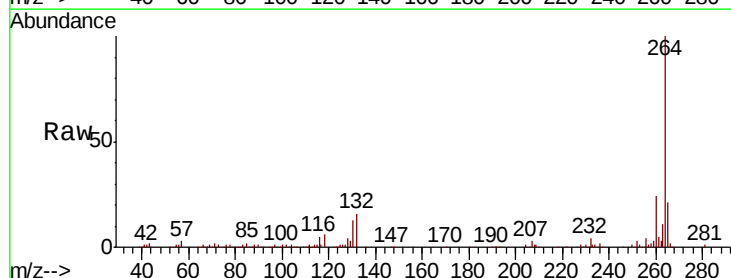


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

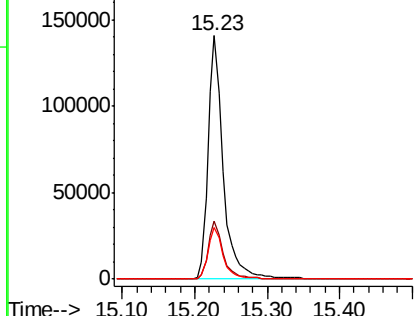
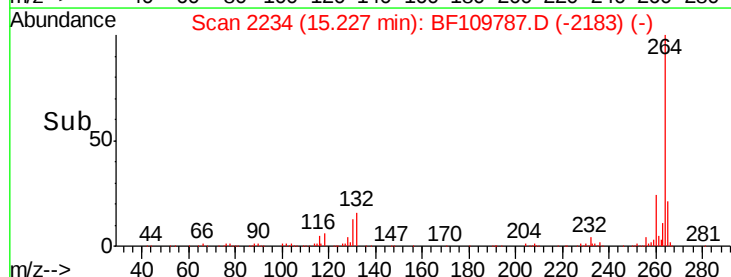


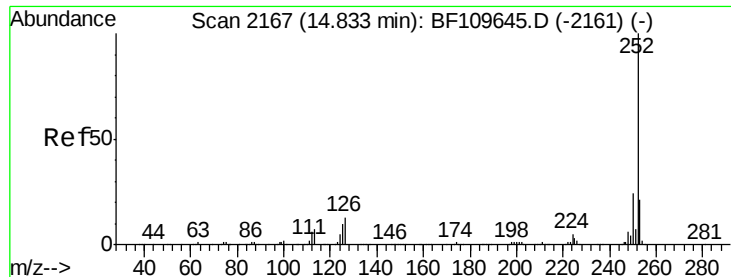
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2234
Delta R.T. -0.00 min
Lab File: BF109787.D
Acq: 11 Oct 2018 15:24

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.7	28.1
265	21.3	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

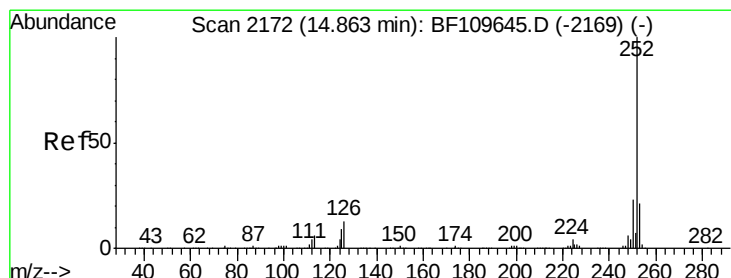
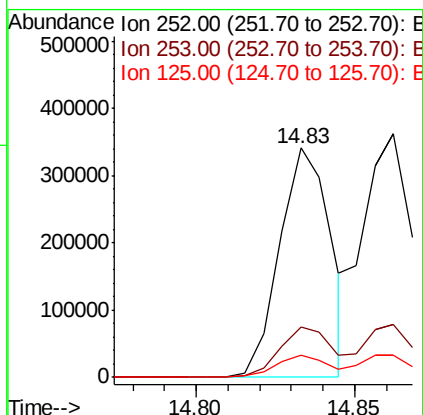
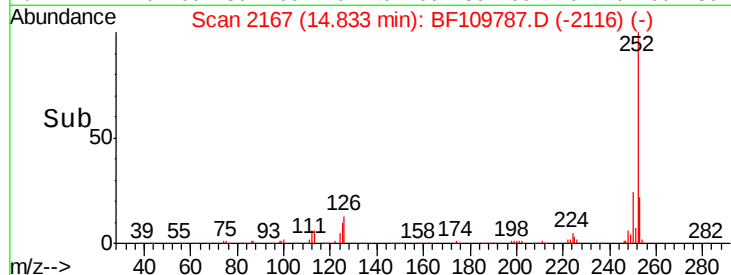
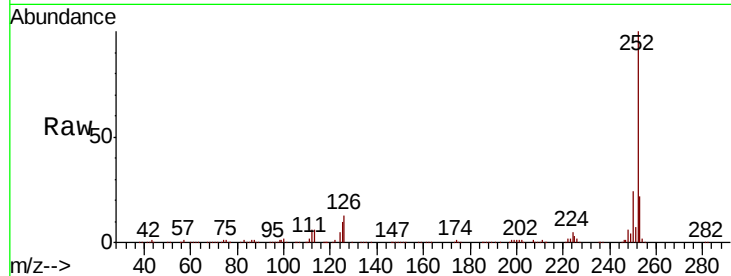




#87
Benzo(b)fluoranthene
Concen: 33.725 ng
RT: 14.83 min Scan# 2167
Delta R.T. -0.00 min
Lab File: BF109787.D
Acq: 11 Oct 2018 15:24

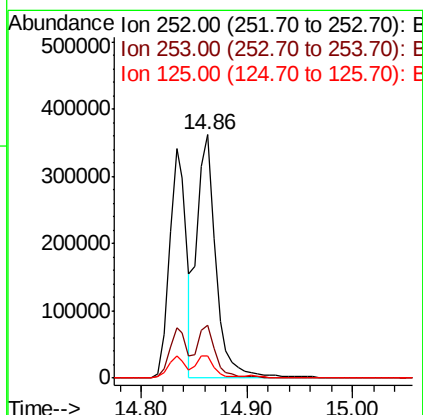
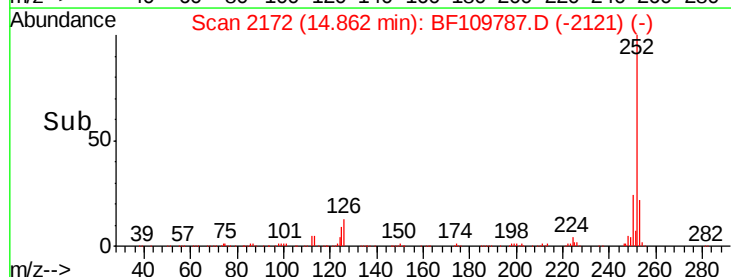
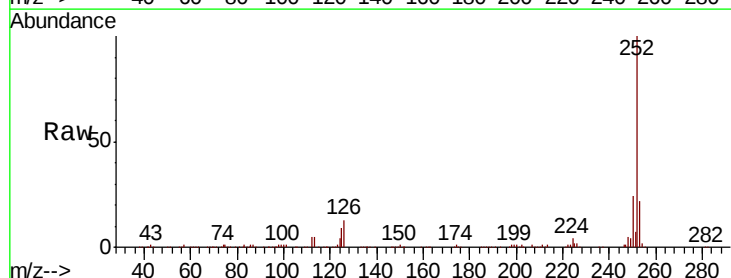
Instrument :
BNA_F
ClientSampled :

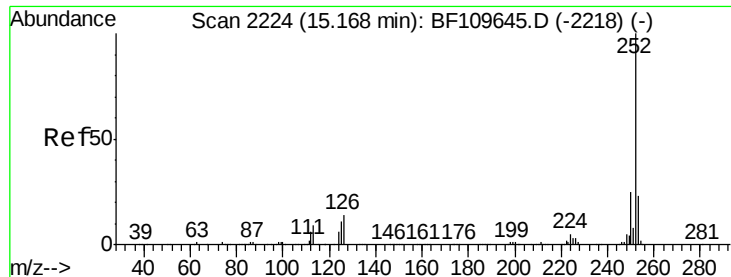
Tot Ion:252 Resp: 381746
Ion Ratio Lower Upper
252 100
253 22.0 17.2 25.8
125 9.8 8.2 12.4



#88
Benzo(k)fluoranthene
Concen: 39.046 ng
RT: 14.86 min Scan# 2172
Delta R.T. -0.00 min
Lab File: BF109787.D
Acq: 11 Oct 2018 15:24

Tgt Ion:252 Resp: 444078
Ion Ratio Lower Upper
252 100
253 21.9 17.2 25.8
125 9.2 7.4 11.0

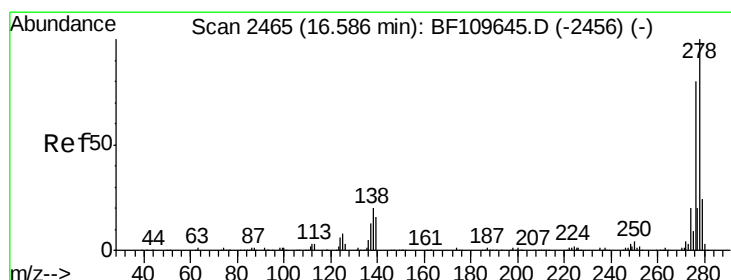
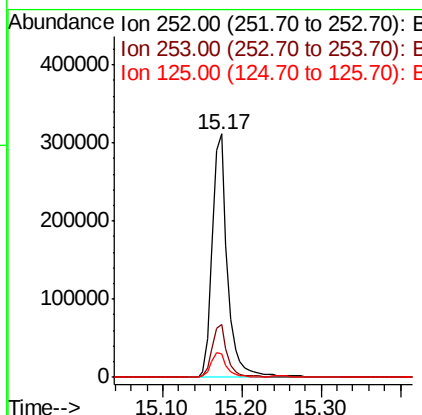
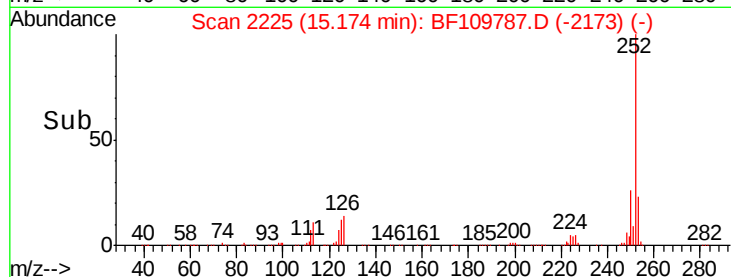
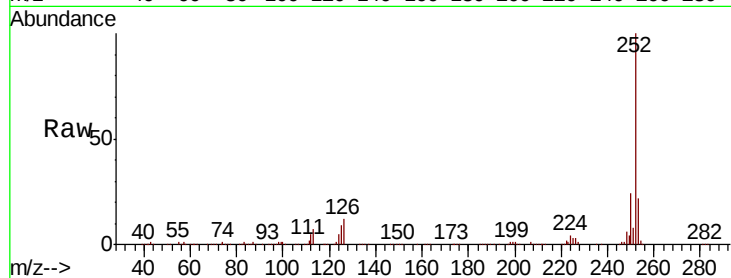




#89
Benzo(a)pyrene
Concen: 40.434 ng
RT: 15.17 min Scan# 2225
Delta R.T. 0.01 min
Lab File: BF109787.D
Acq: 11 Oct 2018 15:24

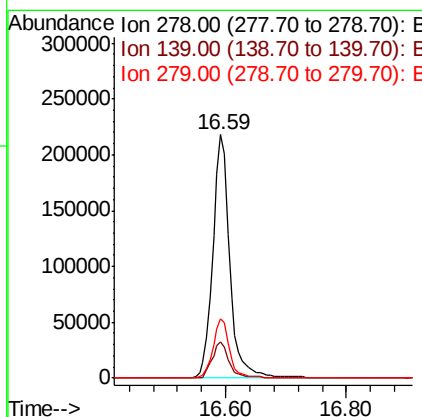
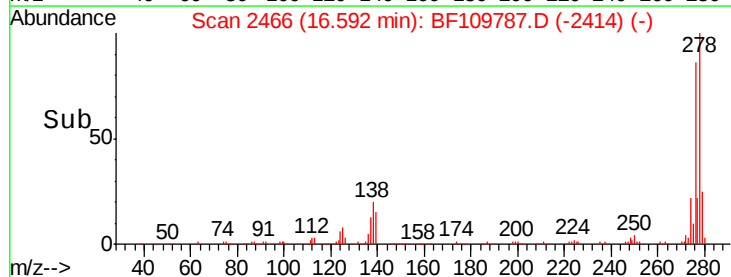
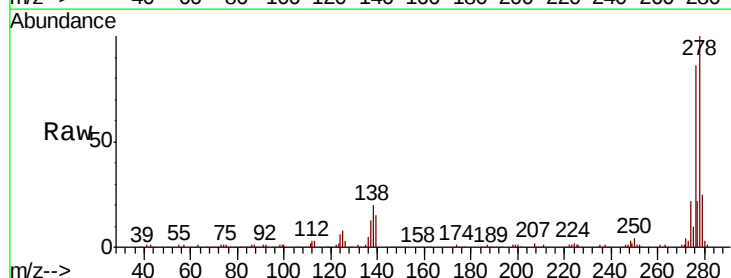
Instrument :
BNA_F
ClientSampleId :

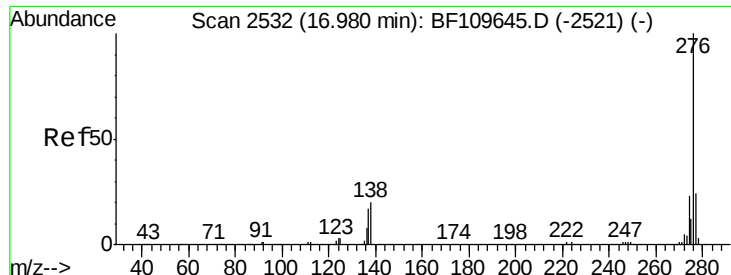
Tot Ion:252 Resp: 415344
Ion Ratio Lower Upper
252 100
253 21.8 18.2 27.4
125 9.5 9.0 13.6



#90
Dibenzo(a,h)anthracene
Concen: 50.306 ng
RT: 16.59 min Scan# 2466
Delta R.T. 0.01 min
Lab File: BF109787.D
Acq: 11 Oct 2018 15:24

Tgt Ion:278 Resp: 424398
Ion Ratio Lower Upper
278 100
139 14.8 12.7 19.1
279 24.5 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 50.321 ng

RT: 16.99 min Scan# 2533

Delta R.T. 0.01 min

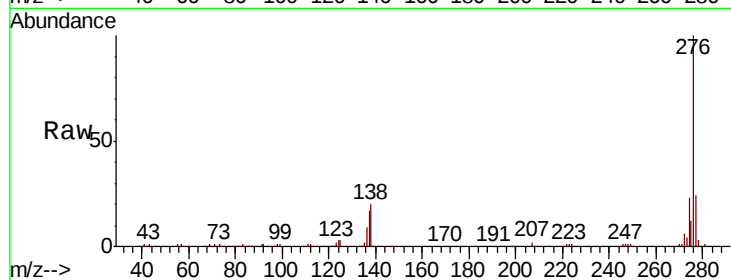
Lab File: BF109787.D

Acq: 11 Oct 2018 15:24

Instrument :

BNA_F

ClientSampleId :



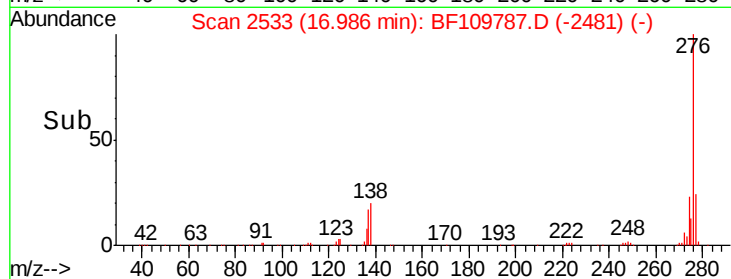
Tot Ion: 276 Resp: 423921

Ion Ratio Lower Upper

276 100

277 24.5 18.8 28.2

138 20.4 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

