

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101018\
 Data File : BF109745.D
 Acq On : 10 Oct 2018 16:32
 Operator : JU/SJ
 Sample : J5302-03MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 10 17:26:32 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	78460	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	309446	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	153631	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	313715	20.00	ng	0.00
75) Chrysene-d12	13.83	240	227009	20.00	ng	0.00
86) Perylene-d12	15.23	264	195161	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.32	112	787770	178.22	ng	0.00
7) Phenol-d6	6.36	99	1018504	172.48	ng	0.00
23) Nitrobenzene-d5	7.26	82	693709	123.57	ng	0.00
41) 2,4,6-Tribromophenol	10.52	330	305856	182.71	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	1175720	105.40	ng	0.00
78) Terphenyl-d14	12.79	244	1263093	107.71	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.39	88	63531	27.386	ng	96
3) Pyridine	3.14	79	132661	27.718	ng	99
4) n-Nitrosodimethylamine	3.05	42	63756	36.907	ng	# 92
6) Aniline	6.37	93	272498	39.615	ng	# 76
8) 2-Chlorophenol	6.49	128	223615	41.134	ng	93
9) Benzaldehyde	6.25	77	105688	27.814	ng	97
10) Phenol	6.37	94	271700	40.127	ng	86
11) bis(2-Chloroethyl)ether	6.44	93	185790	33.097	ng	99
12) 1,3-Dichlorobenzene	6.64	146	226487	36.426	ng	98
13) 1,4-Dichlorobenzene	6.72	146	253701	37.432	ng	100
14) 1,2-Dichlorobenzene	6.87	146	234864	39.458	ng	99
15) Benzyl Alcohol	6.85	79	179084	40.909	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.98	45	286746	38.524	ng	90
17) 2-Methylphenol	6.97	107	177907	41.384	ng	98
18) Hexachloroethane	7.20	117	89168	37.220	ng	95
19) n-Nitroso-di-n-propylamine	7.12	70	161025	38.886	ng	100
20) 3+4-Methylphenols	7.12	107	215256	40.635	ng	92
22) Acetophenone	7.11	105	331822	44.343	ng	99
24) Nitrobenzene	7.28	77	242167	41.457	ng	98
25) Isophorone	7.52	82	447956	48.054	ng	98
26) 2-Nitrophenol	7.60	139	115653	42.328	ng	97
27) 2,4-Dimethylphenol	7.65	122	195944	49.662	ng	99
28) bis(2-Chloroethoxy)methane	7.73	93	278201	44.121	ng	98
29) 2,4-Dichlorophenol	7.85	162	198629	44.882	ng	99
30) 1,2,4-Trichlorobenzene	7.92	180	197173	40.246	ng	99
31) Naphthalene	8.00	128	625128	43.682	ng	100
32) Benzoic acid	7.76	122	37605	13.331	ng	# 83
33) 4-Chloroaniline	8.06	127	271024	43.005	ng	97
34) Hexachlorobutadiene	8.12	225	118975	39.058	ng	97
35) Caprolactam	8.42	113	26671	20.180	ng	94
36) 4-Chloro-3-methylphenol	8.55	107	214986	46.020	ng	97
37) 2-Methylnaphthalene	8.69	142	441025	47.046	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	208764	39.919	ng	99
40) Hexachlorocyclopentadiene	8.85	237	158322	70.117	ng	100

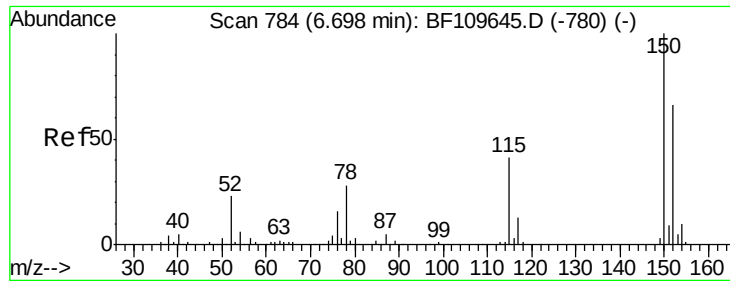
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101018\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 08 16:02:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.97	196	130585	41.770	ng	99
43) 2,4,5-Trichlorophenol	9.02	196	158716	44.155	ng	96
45) 1,1'-Biphenyl	9.15	154	550863	40.137	ng	100
46) 2-Chloronaphthalene	9.17	162	418797	40.730	ng	98
47) 2-Nitroaniline	9.27	65	139442	44.787	ng	98
48) Acenaphthylene	9.59	152	677467	45.194	ng	99
49) Dimethylphthalate	9.46	163	557438	49.474	ng	100
50) 2,6-Dinitrotoluene	9.52	165	111455	45.633	ng	94
51) Acenaphthene	9.76	154	373068	41.982	ng	99
52) 3-Nitroaniline	9.69	138	115533	42.199	ng	93
53) 2,4-Dinitrophenol	9.80	184	44359	56.293	ng	95
54) Dibenzofuran	9.93	168	573682	43.068	ng	100
55) 4-Nitrophenol	9.87	139	132185	88.206	ng	96
56) 2,4-Dinitrotoluene	9.92	165	145737	47.814	ng	95
57) Fluorene	10.27	166	464613	46.707	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.06	232	139731	47.821	ng	97
59) Diethylphthalate	10.15	149	506004	45.325	ng	99
60) 4-Chlorophenyl-phenylether	10.26	204	222347	42.369	ng	98
61) 4-Nitroaniline	10.31	138	120231	47.419	ng	99
62) Azobenzene	10.43	77	513113	45.261	ng	98
64) 4,6-Dinitro-2-methylphenol	10.33	198	51456	33.699	ng	79
65) n-Nitrosodiphenylamine	10.39	169	435112	40.913	ng	99
66) 4-Bromophenyl-phenylether	10.75	248	145000	40.226	ng	93
67) Hexachlorobenzene	10.82	284	156453	40.082	ng	96
68) Atrazine	10.92	200	139827	42.129	ng	100
69) Pentachlorophenol	11.02	266	147103	66.975	ng	99
70) Phenanthrene	11.23	178	692832	44.131	ng	99
71) Anthracene	11.28	178	755122	46.529	ng	100
72) Carbazole	11.44	167	679779	43.188	ng	99
73) Di-n-butylphthalate	11.77	149	815248	44.656	ng	99
74) Fluoranthene	12.41	202	755669	46.074	ng	99
76) Benzidine	12.54	184	440798	52.271	ng	97
77) Pyrene	12.64	202	743740	44.717	ng	99
79) Butylbenzylphthalate	13.26	149	341239	47.322	ng	96
80) Benzo(a)anthracene	13.82	228	562969	44.939	ng	99
81) 3,3'-Dichlorobenzidine	13.79	252	208071	41.250	ng	100
82) Chrysene	13.86	228	590505	44.877	ng	99
83) Bis(2-ethylhexyl)phthalate	13.82	149	442320	50.277	ng	98
84) Di-n-octyl phthalate	14.42	149	732993	52.711	ng	100
85) Indeno(1,2,3-cd)pyrene	16.58	276	542856	57.638	ng	100
87) Benzo(b)fluoranthene	14.83	252	502703	46.612	ng	99
88) Benzo(k)fluoranthene	14.86	252	450609	41.584	ng	99
89) Benzo(a)pyrene	15.17	252	453093	46.295	ng	98
90) Dibenzo(a,h)anthracene	16.59	278	451706	56.197	ng	98
91) Benzo(g,h,i)perylene	16.98	276	468572	58.378	ng	99

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

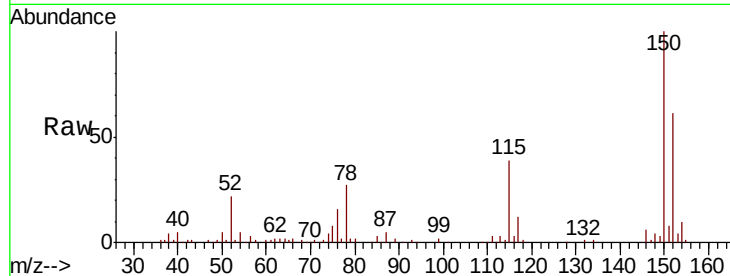


#1

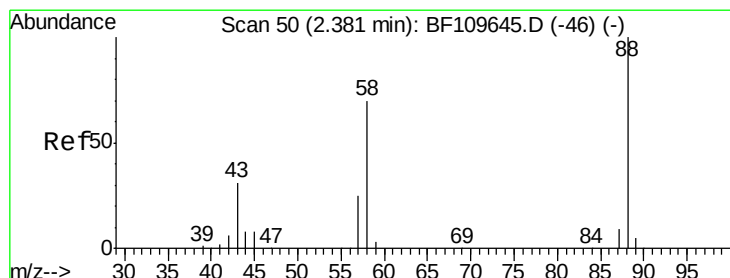
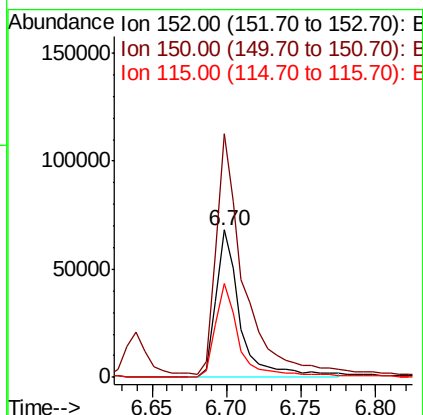
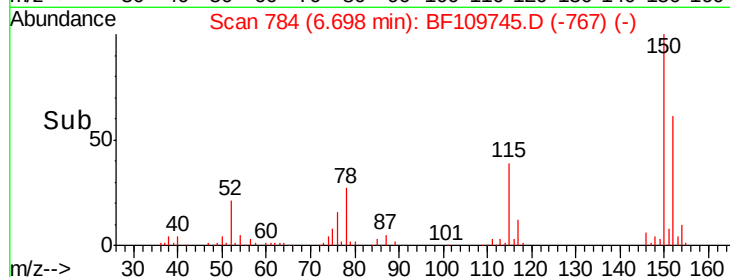
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF109745.D
Acq: 10 Oct 2018 16:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 78460
Ion Ratio Lower Upper
152 100
150 165.2 122.7 184.1
115 63.7 49.1 73.7



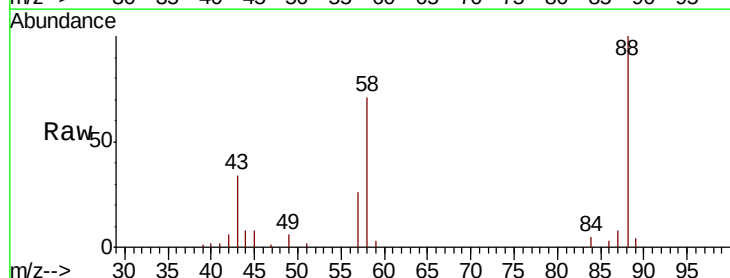
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



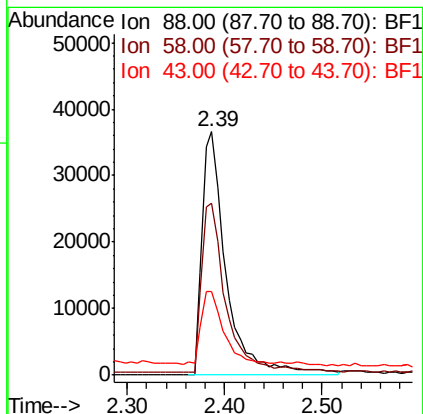
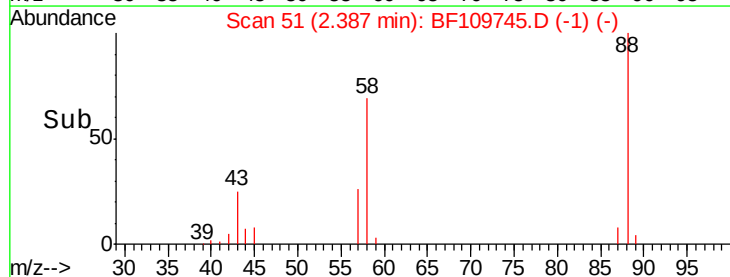
#2

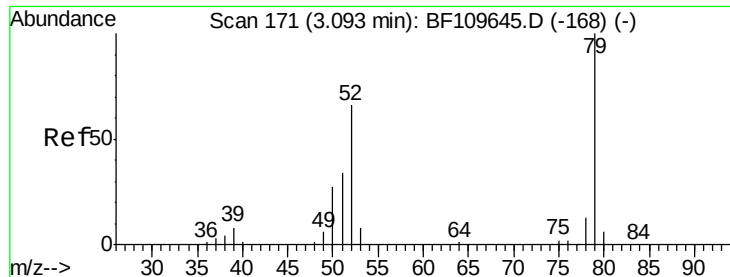
1,4-Dioxane
Concen: 27.386 ng
RT: 2.39 min Scan# 51
Delta R.T. 0.01 min
Lab File: BF109745.D
Acq: 10 Oct 2018 16:32

Tgt Ion: 88 Resp: 63531
Ion Ratio Lower Upper
88 100
58 68.3 57.1 85.7
43 26.8 24.1 36.1



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 27.718 ng

RT: 3.14 min Scan# 179

Delta R.T. 0.05 min

Lab File: BF109745.D

Acq: 10 Oct 2018 16:32

Instrument :

BNA_F

ClientSampled :

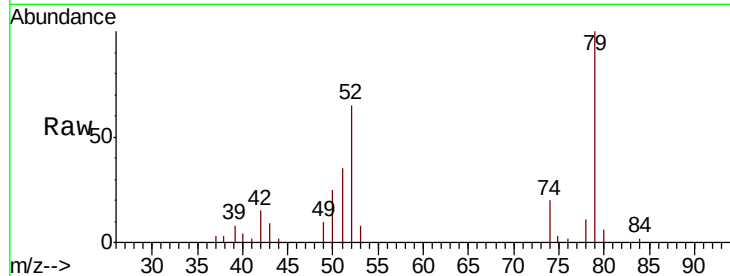
Tot Ion: 79 Resp: 132661

Ion Ratio Lower Upper

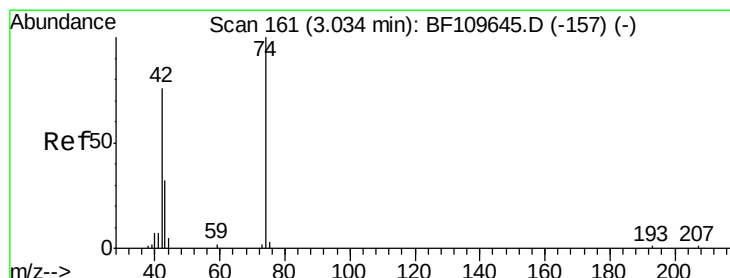
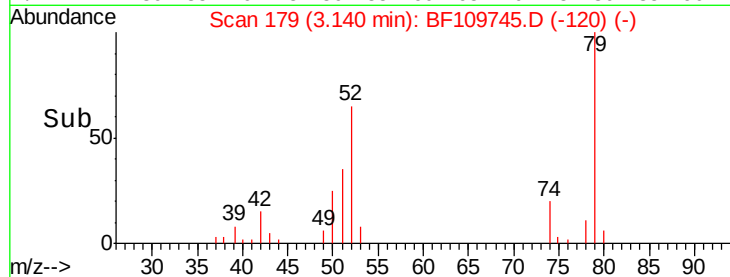
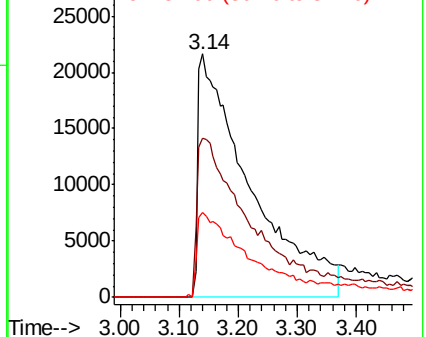
79 100

52 65.5 53.1 79.7

51 34.8 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: 36.907 ng

RT: 3.05 min Scan# 163

Delta R.T. 0.01 min

Lab File: BF109745.D

Acq: 10 Oct 2018 16:32

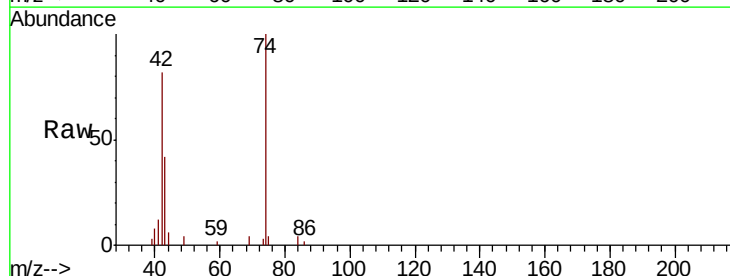
Tgt Ion: 42 Resp: 63756

Ion Ratio Lower Upper

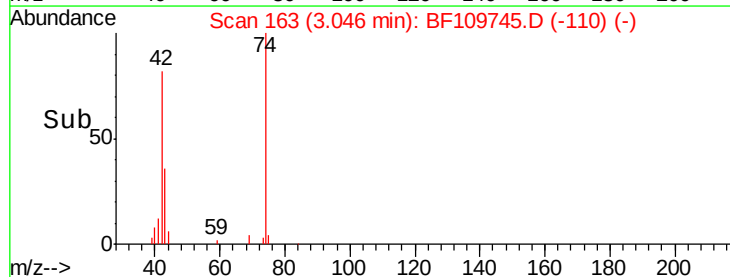
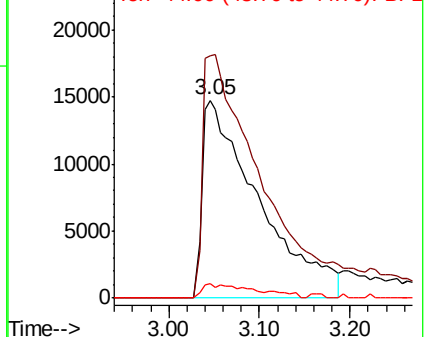
42 100

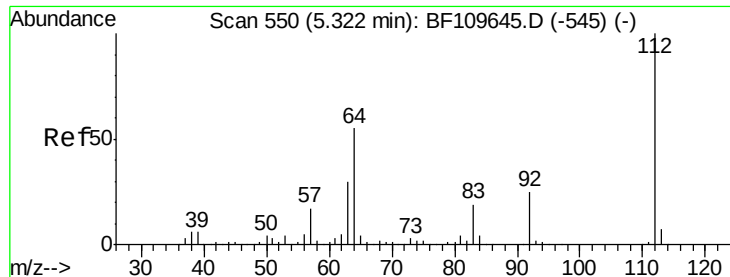
74 122.5 105.5 158.3

44 7.5 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

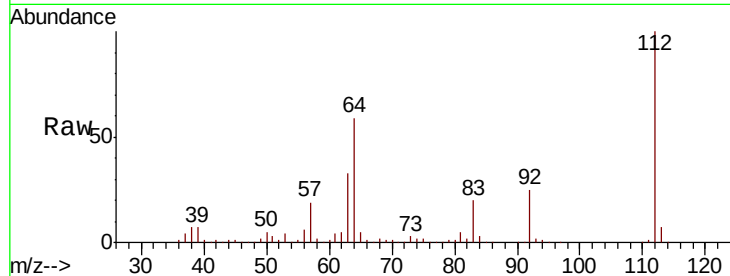




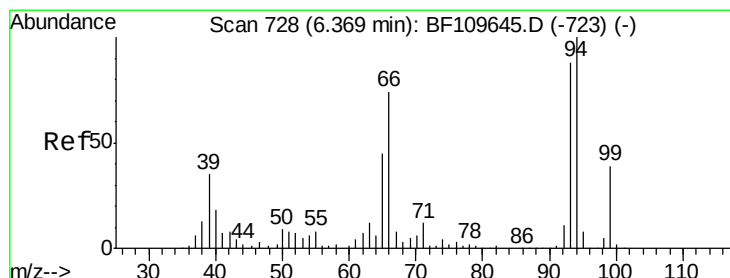
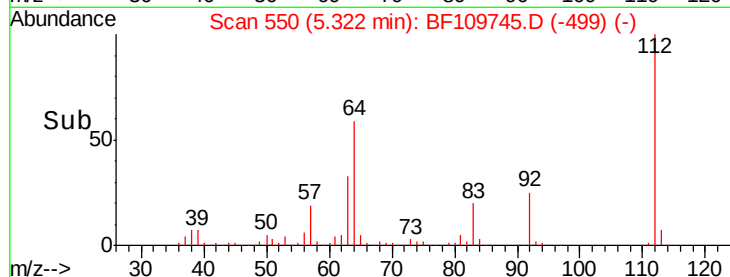
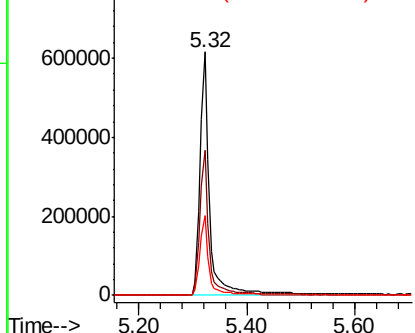
#5
 2-Fluorophenol
 Concen: 178.220 ng
 RT: 5.32 min Scan# 550
 Delta R.T. 0.00 min
 Lab File: BF109745.D
 Acq: 10 Oct 2018 16:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:112 Resp: 787770
 Ion Ratio Lower Upper
 112 100
 64 59.4 44.1 66.1
 63 32.6 23.7 35.5

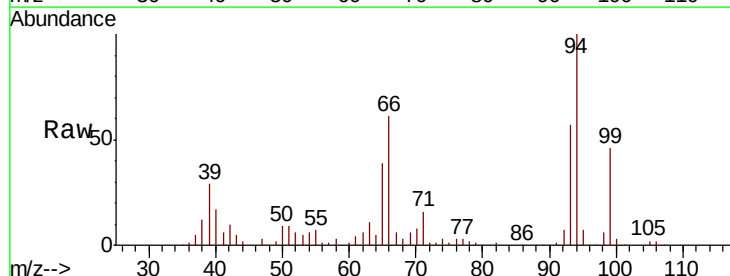


Abundance Ion 112.00 (111.70 to 112.70): BF1
 Ion 64.00 (63.70 to 64.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1

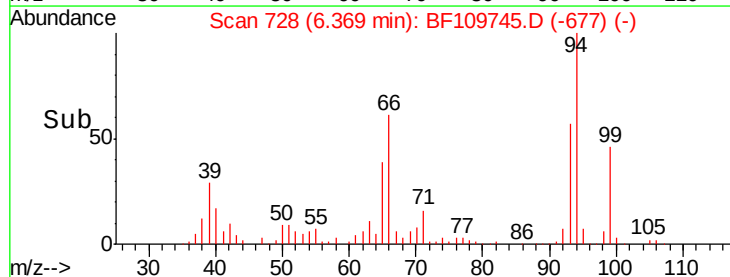
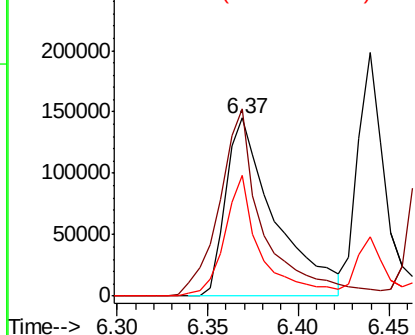


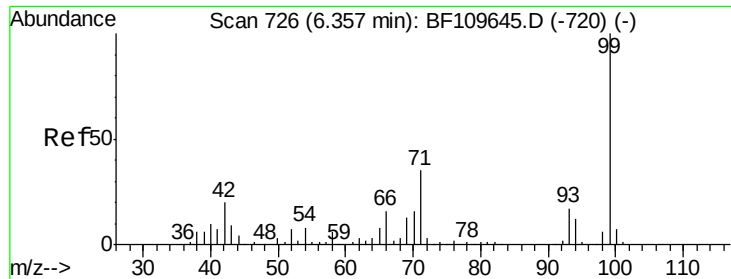
#6
 Aniline
 Concen: 39.615 ng
 RT: 6.37 min Scan# 728
 Delta R.T. -0.00 min
 Lab File: BF109745.D
 Acq: 10 Oct 2018 16:32

Tgt Ion: 93 Resp: 272498
 Ion Ratio Lower Upper
 93 100
 66 105.7 67.4 101.0#
 65 68.1 41.0 61.4#



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





#7

Phenol-d6

Concen: 172.485 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF109745.D

Acq: 10 Oct 2018 16:32

Instrument :

BNA_F

ClientSampled :

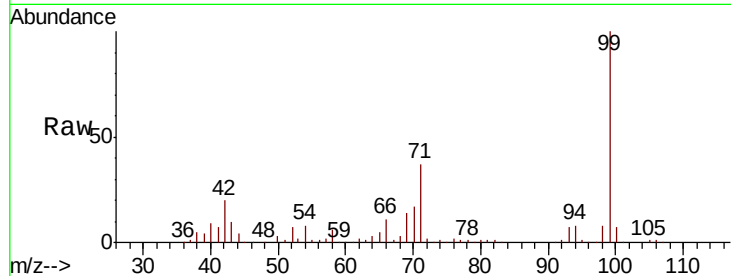
Tot Ion: 99 Resp: 1018504

Ion Ratio Lower Upper

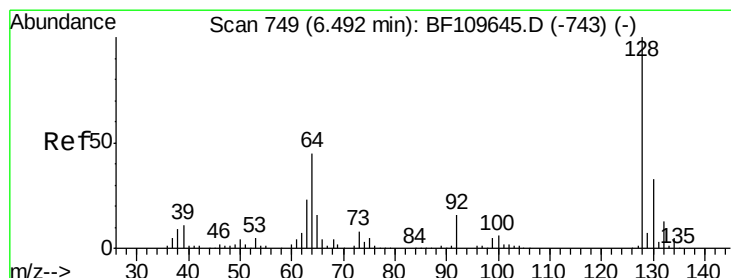
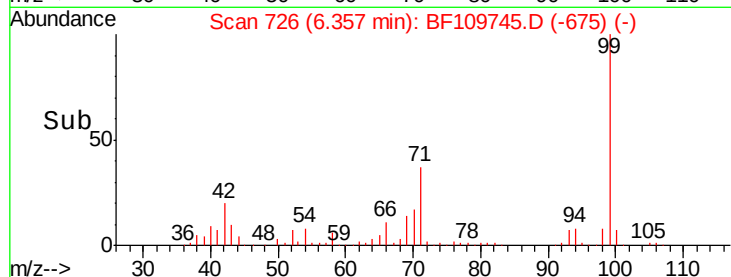
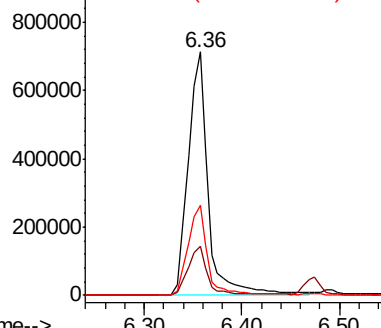
99 100

42 20.0 15.8 23.6

71 37.1 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: 41.134 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF109745.D

Acq: 10 Oct 2018 16:32

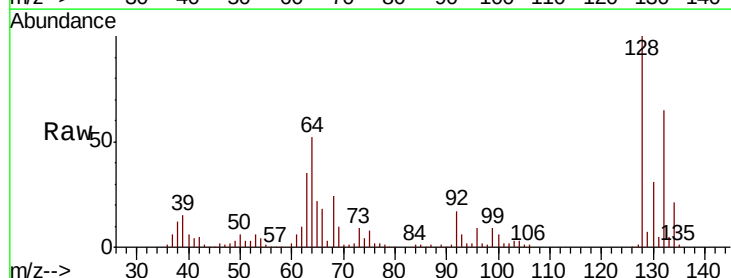
Tgt Ion: 128 Resp: 223615

Ion Ratio Lower Upper

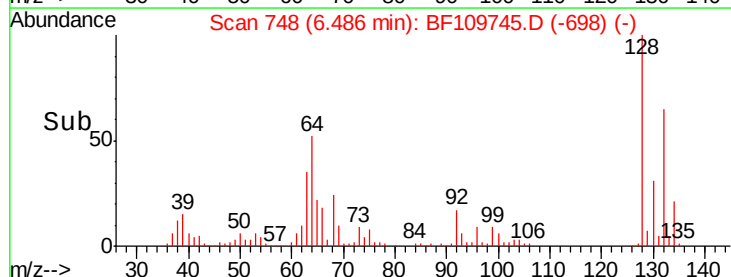
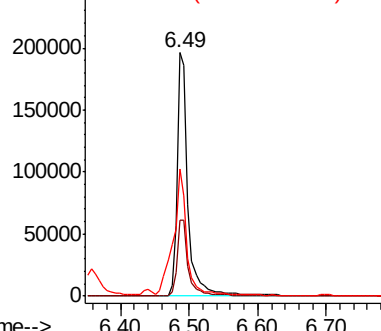
128 100

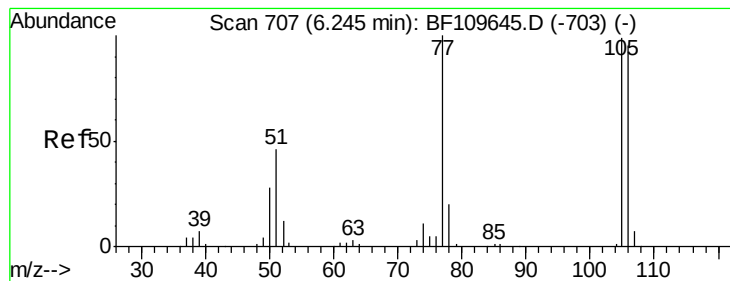
130 31.2 13.1 53.1

64 52.4 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: 27.814 ng

RT: 6.25 min Scan# 707

Delta R.T. -0.00 min

Lab File: BF109745.D

Acq: 10 Oct 2018 16:32

Instrument :

BNA_F

ClientSampleId :

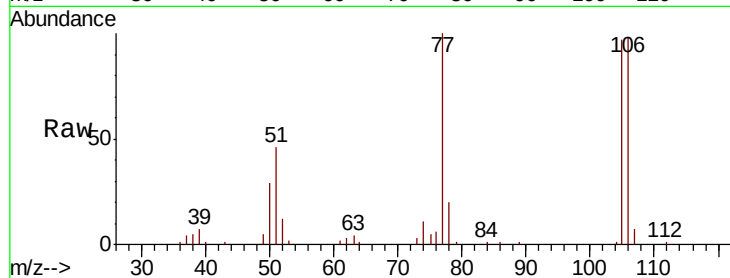
Tot Ion: 77 Resp: 105688

Ion Ratio Lower Upper

77 100

105 96.7 78.6 118.6

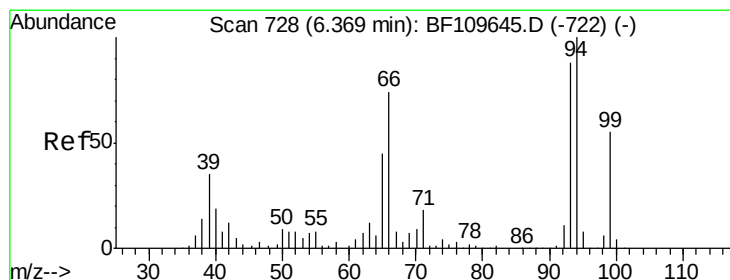
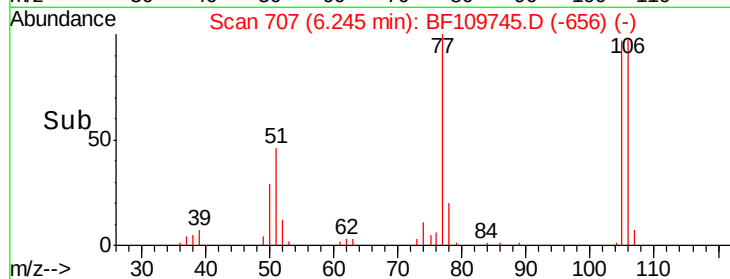
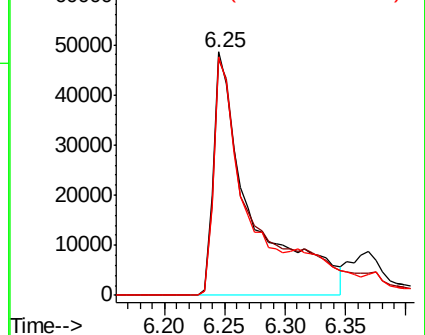
106 97.9 74.8 114.8



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: 40.127 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF109745.D

Acq: 10 Oct 2018 16:32

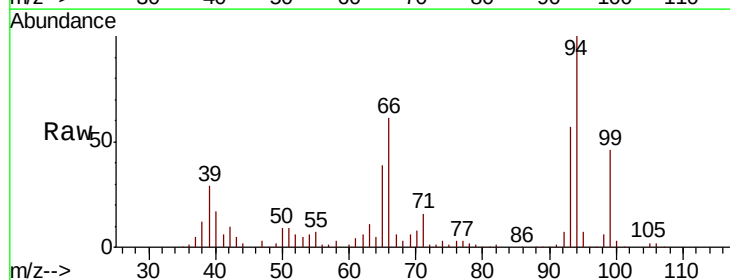
Tgt Ion: 94 Resp: 271700

Ion Ratio Lower Upper

94 100

65 39.1 25.3 65.3

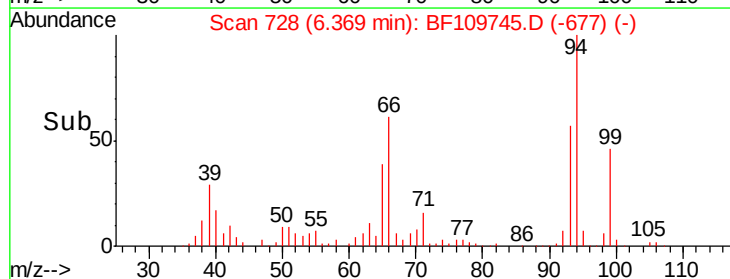
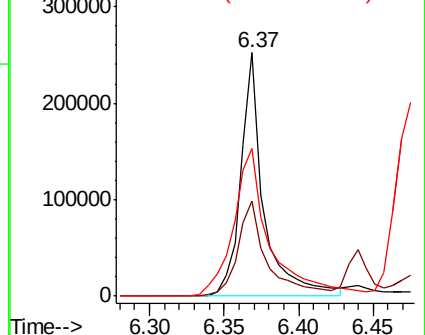
66 60.7 54.5 94.5

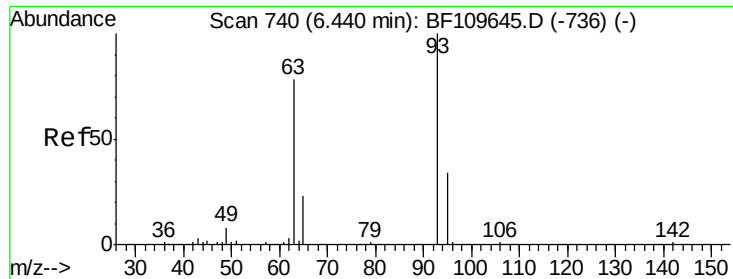


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 33.097 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF109745.D

Acq: 10 Oct 2018 16:32

Instrument :

BNA_F

ClientSampleId :

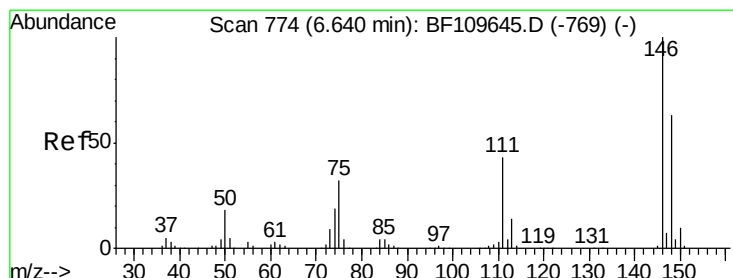
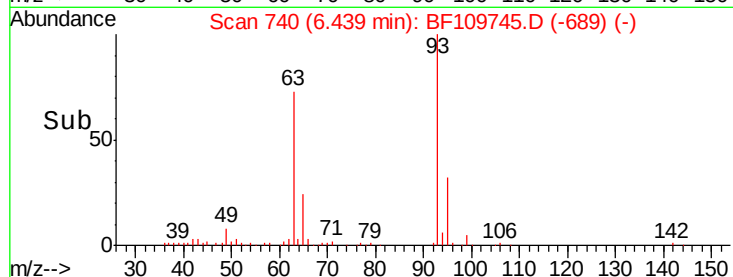
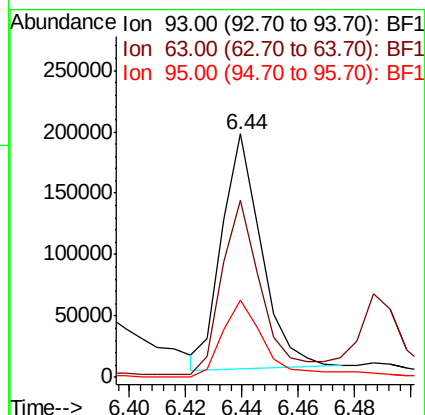
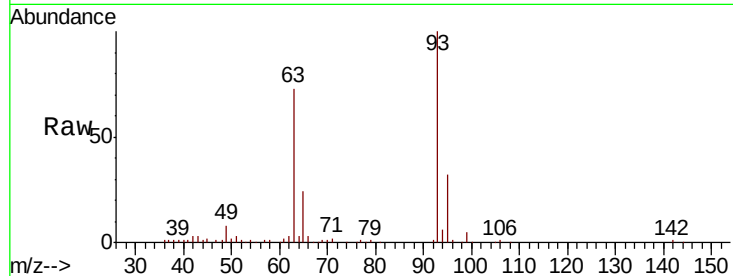
Tot Ion: 93 Resp: 185790

Ion Ratio Lower Upper

93 100

63 72.7 53.4 93.4

95 31.6 12.1 52.1



#12

1,3-Dichlorobenzene

Concen: 36.426 ng

RT: 6.64 min Scan# 774

Delta R.T. -0.00 min

Lab File: BF109745.D

Acq: 10 Oct 2018 16:32

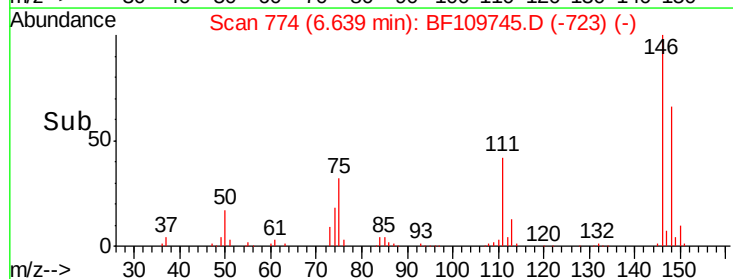
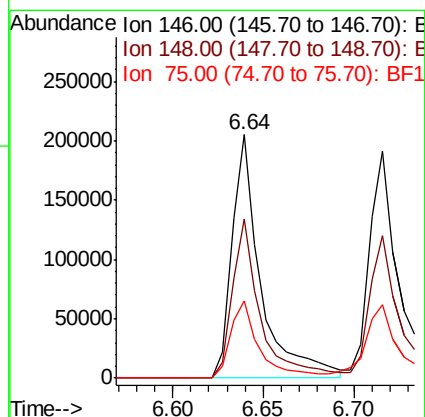
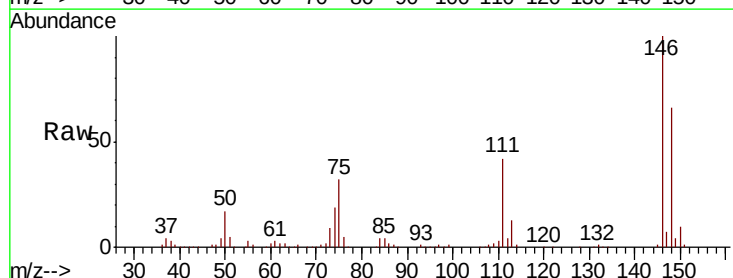
Tgt Ion: 146 Resp: 226487

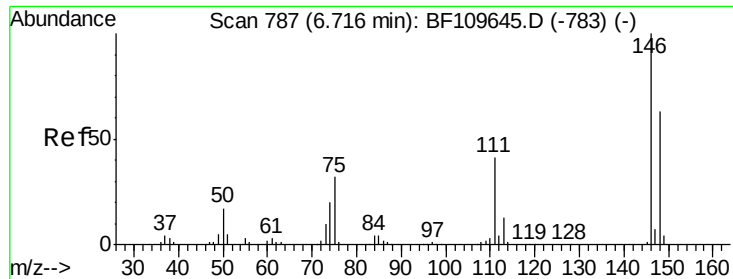
Ion Ratio Lower Upper

146 100

148 65.5 50.4 75.6

75 32.0 25.8 38.6

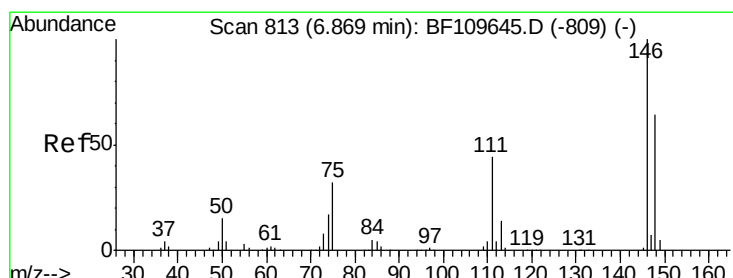
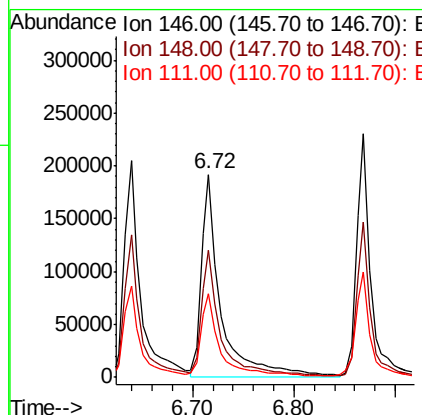
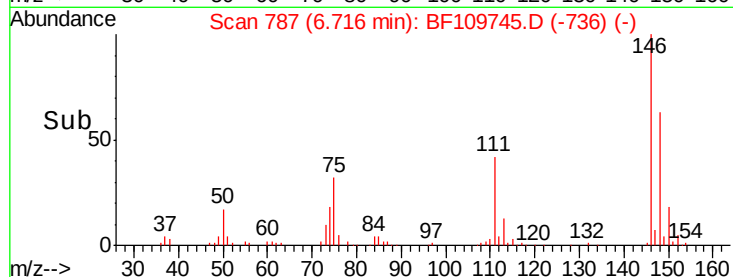
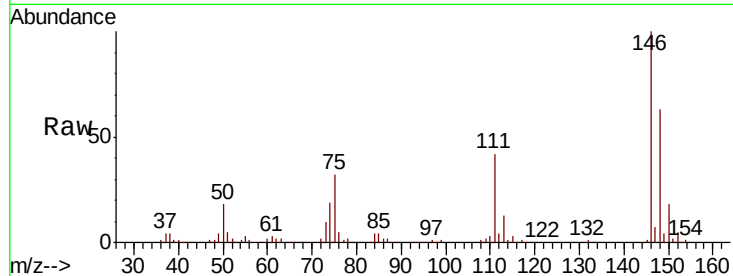




#13
 1,4-Dichlorobenzene
 Concen: 37.432 ng
 RT: 6.72 min Scan# 787
 Delta R.T. -0.00 min
 Lab File: BF109745.D
 Acq: 10 Oct 2018 16:32

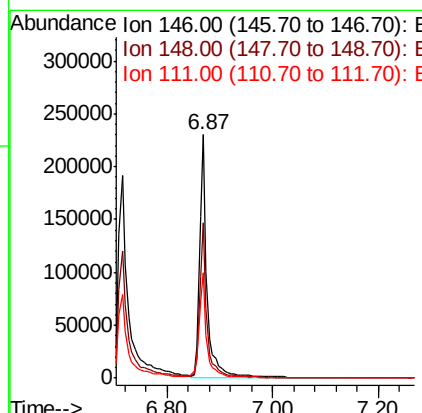
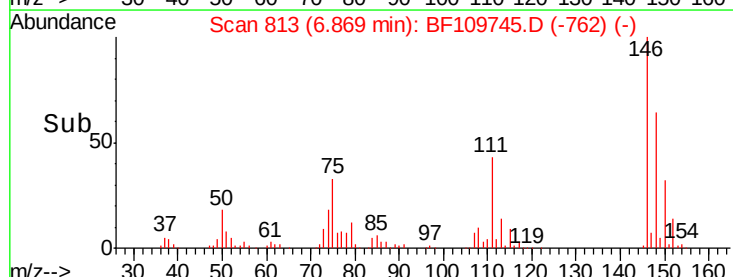
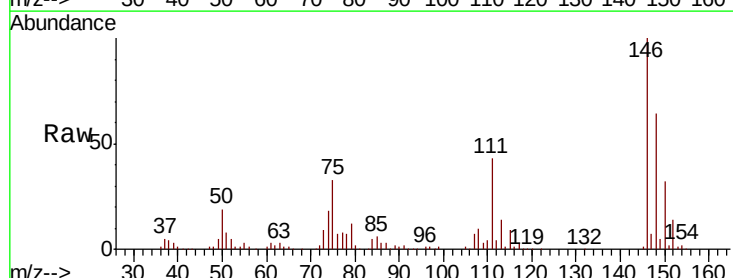
Instrument :
 BNA_F
 ClientSampleId :

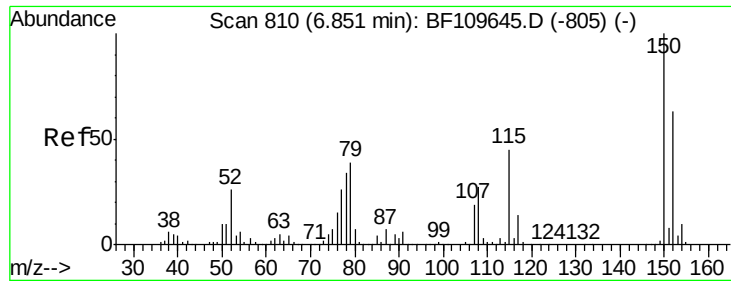
Tot Ion:146 Resp: 253701
 Ion Ratio Lower Upper
 146 100
 148 62.9 50.3 75.5
 111 41.5 32.7 49.1



#14
 1,2-Dichlorobenzene
 Concen: 39.458 ng
 RT: 6.87 min Scan# 813
 Delta R.T. -0.00 min
 Lab File: BF109745.D
 Acq: 10 Oct 2018 16:32

Tgt Ion:146 Resp: 234864
 Ion Ratio Lower Upper
 146 100
 148 63.6 51.1 76.7
 111 43.4 35.8 53.6

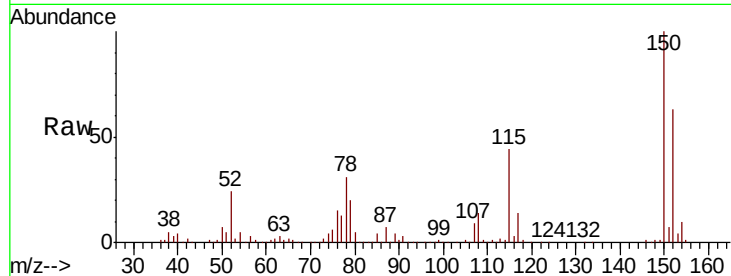




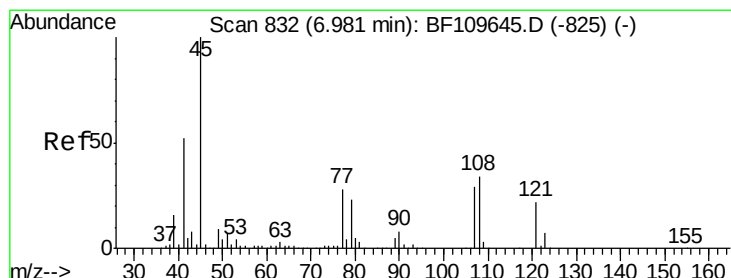
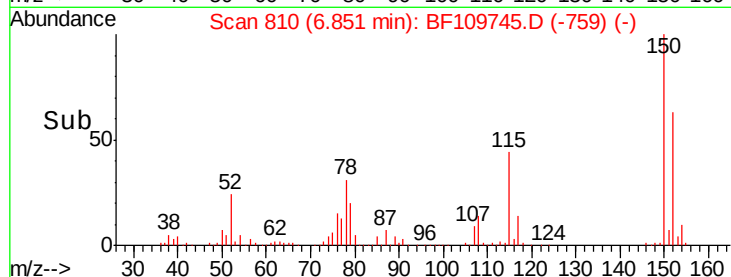
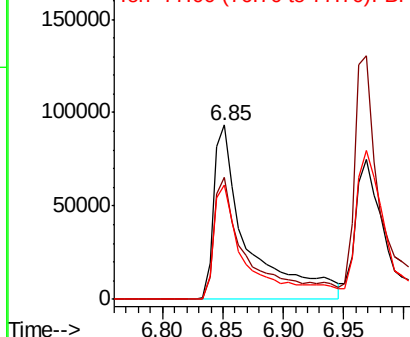
#15
Benzyl Alcohol
Concen: 40.909 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF109745.D
Acq: 10 Oct 2018 16:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 79 Resp: 179084
Ion Ratio Lower Upper
79 100
108 69.7 56.3 84.5
77 65.7 52.9 79.3

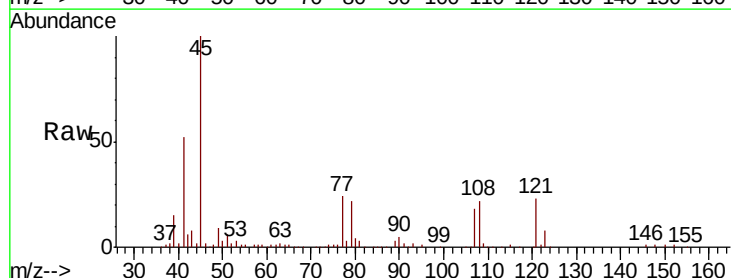


Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

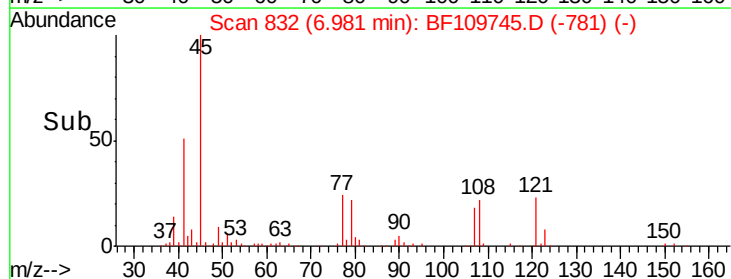
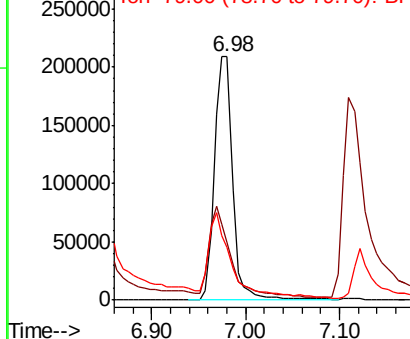


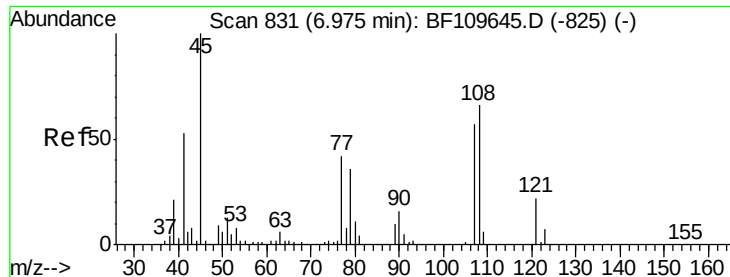
#16
2,2'-oxybis(1-chloropropane)
Concen: 38.524 ng
RT: 6.98 min Scan# 832
Delta R.T. -0.00 min
Lab File: BF109745.D
Acq: 10 Oct 2018 16:32

Tgt Ion: 45 Resp: 286746
Ion Ratio Lower Upper
45 100
77 24.0 10.0 50.0
79 21.6 6.1 46.1



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 41.384 ng

RT: 6.97 min Scan# 830

Delta R.T. -0.01 min

Lab File: BF109745.D

Acq: 10 Oct 2018 16:32

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 177907

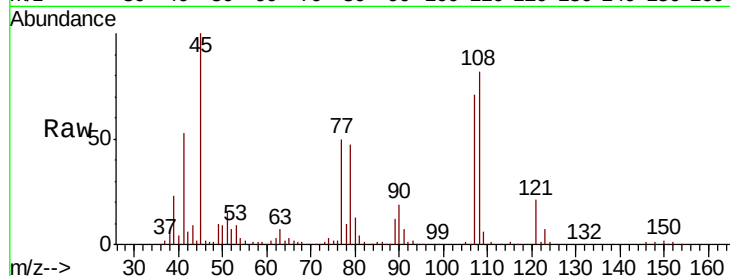
Ion Ratio Lower Upper

107 100

108 114.4 92.6 138.8

77 70.3 59.4 89.2

79 65.8 54.0 81.0

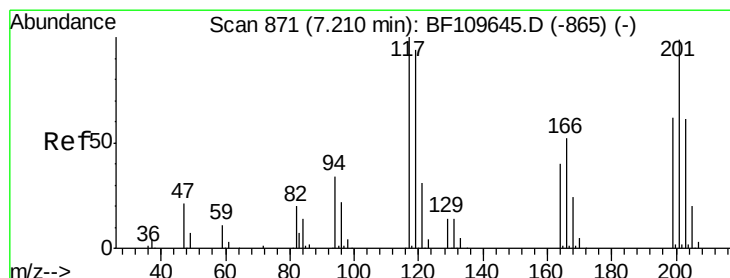
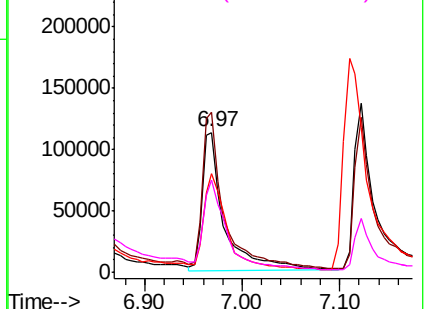
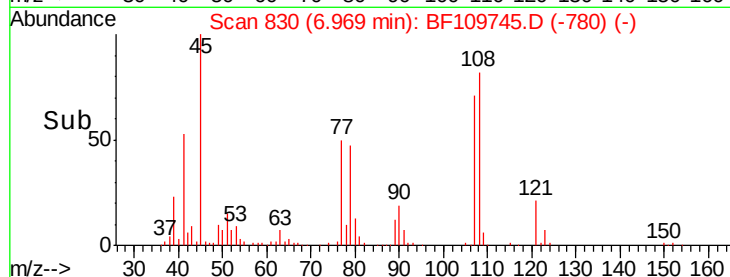


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 37.220 ng

RT: 7.20 min Scan# 870

Delta R.T. -0.01 min

Lab File: BF109745.D

Acq: 10 Oct 2018 16:32

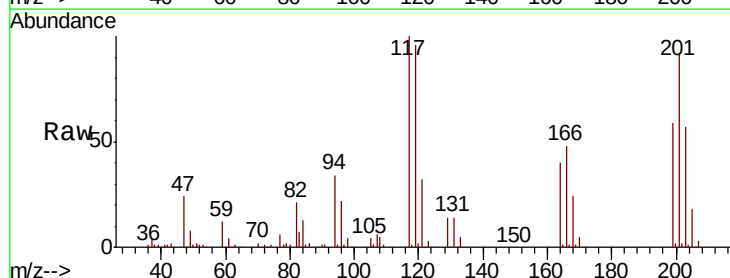
Tgt Ion:117 Resp: 89168

Ion Ratio Lower Upper

117 100

119 95.7 75.0 112.6

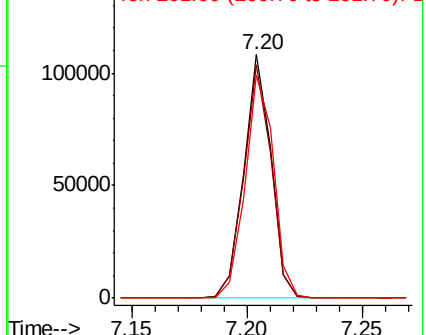
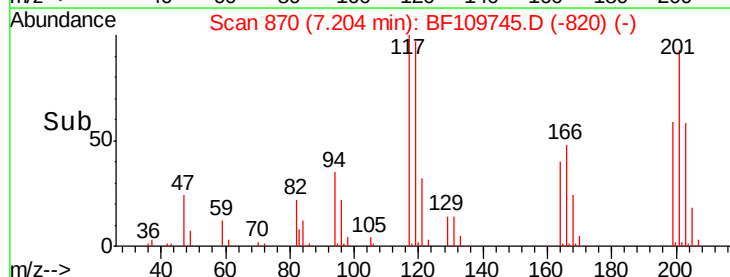
201 91.8 79.2 118.8

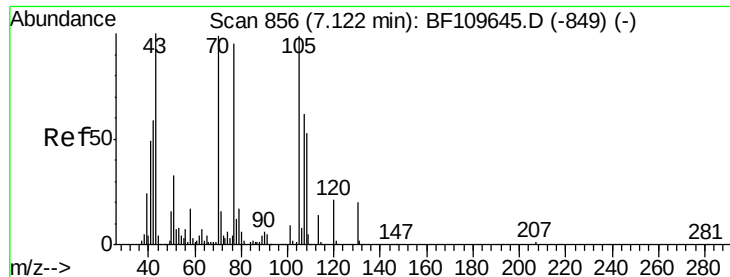


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

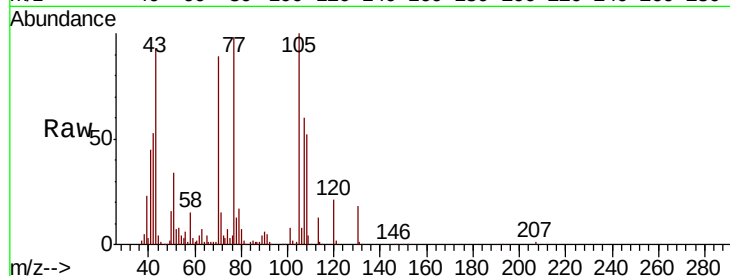




#19
n-Nitroso-di-n-propylamine
Concen: 38.886 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF109745.D
Acq: 10 Oct 2018 16:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	161025
Ion	Ratio	Lower	Upper
70	100		
42	59.6	47.4	71.2
101	9.3	7.3	10.9
130	20.1	16.2	24.2



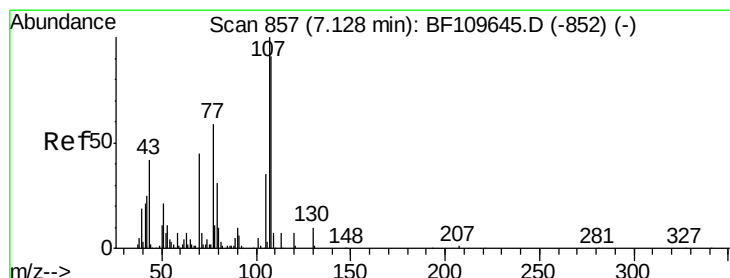
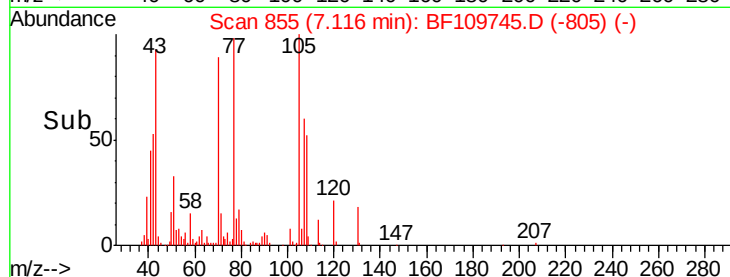
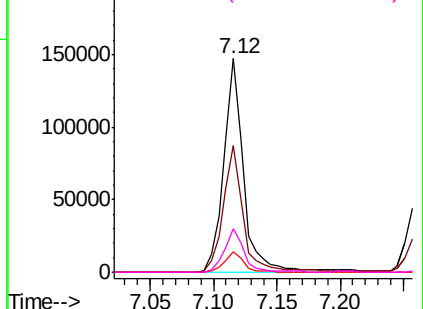
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

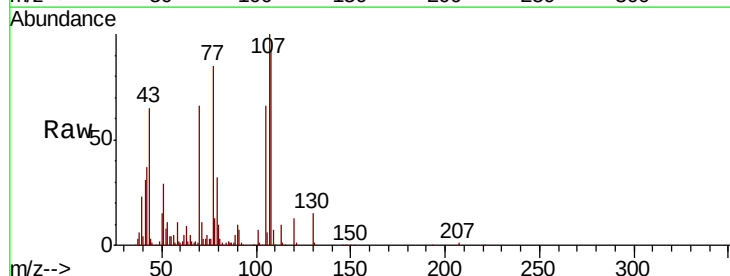
Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20
3+4-Methylphenols
Concen: 40.635 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF109745.D
Acq: 10 Oct 2018 16:32

Tgt Ion:	107	Resp:	215256
Ion	Ratio	Lower	Upper
107	100		
108	91.5	71.4	111.4
77	85.1	47.3	87.3
79	31.8	10.9	50.9



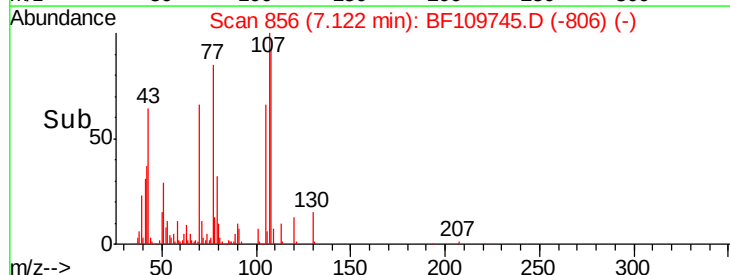
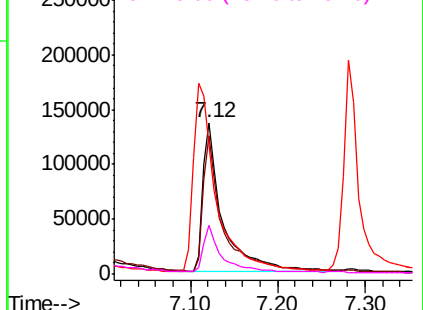
Abundance

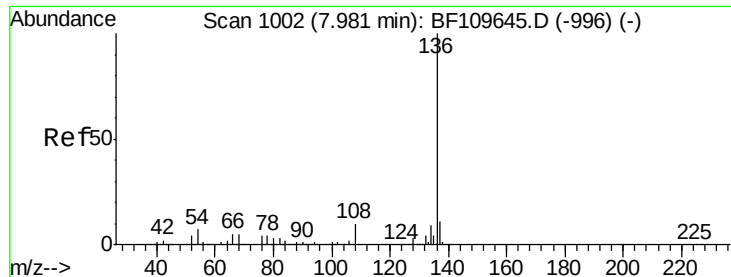
Ion 107.00 (106.70 to 107.70): E

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

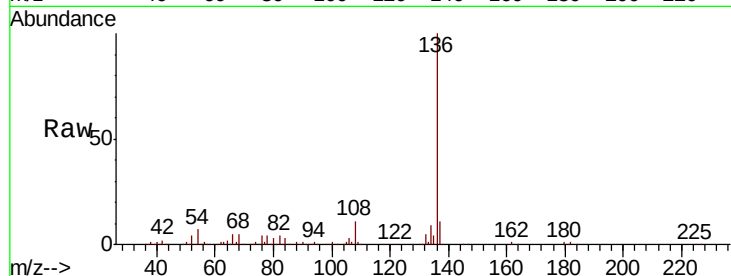




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF109745.D
Acq: 10 Oct 2018 16:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	309446
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.8 13.2
54	7.1	5.4 8.2
68	5.4	4.2 6.2



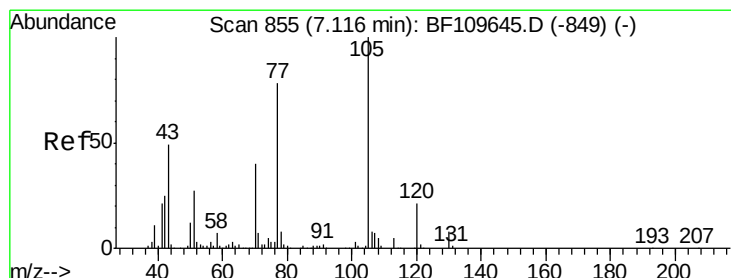
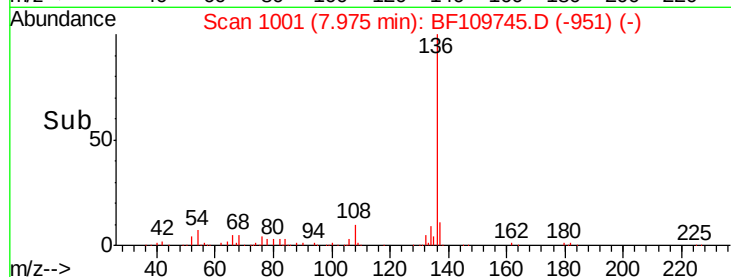
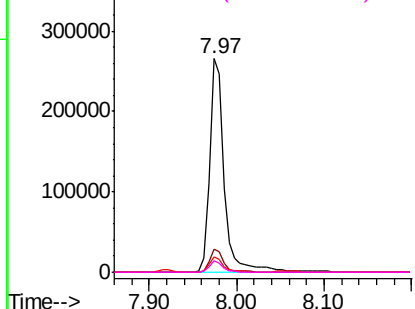
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

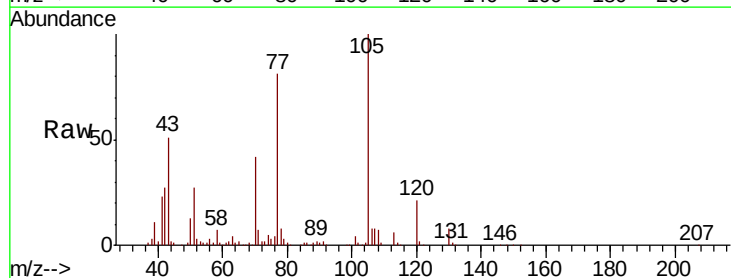
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 44.343 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF109745.D
Acq: 10 Oct 2018 16:32

Tgt Ion:105	Resp:	331822
Ion Ratio	Lower	Upper
105	100	
71	6.9	5.2 7.8
51	27.4	21.8 32.8
120	20.8	17.0 25.4



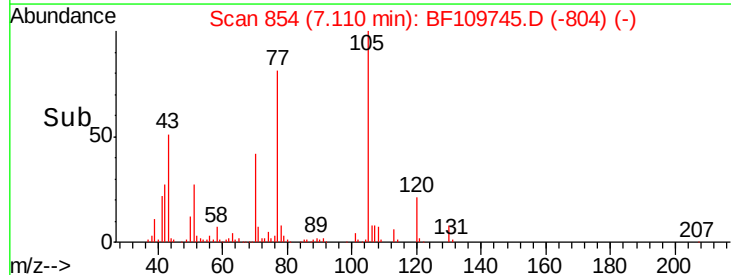
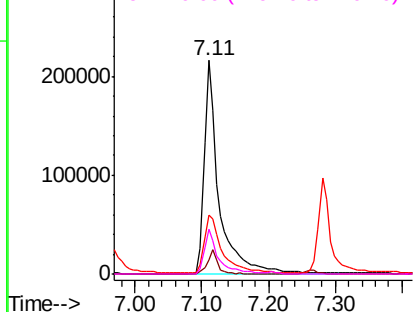
Abundance

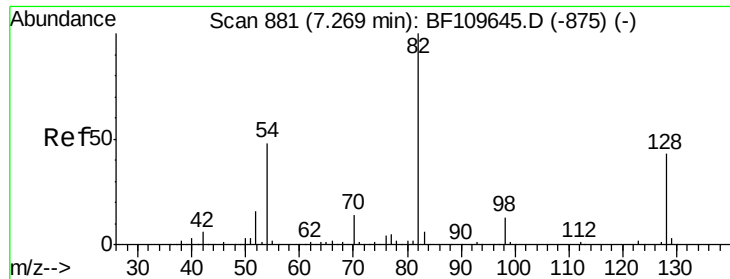
Ion 105.00 (104.70 to 105.70): E

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

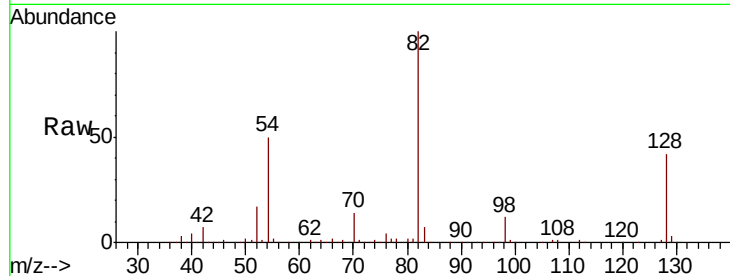




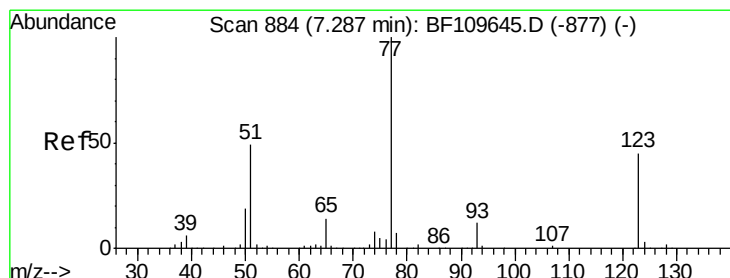
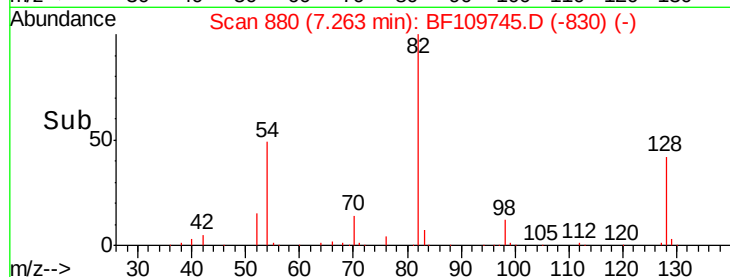
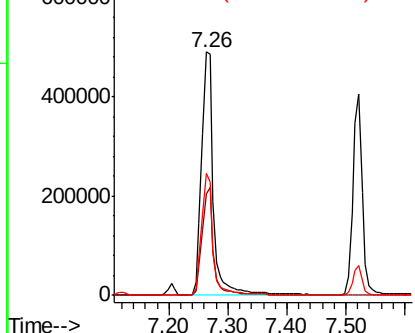
#23
 Nitrobenzene-d5
 Concen: 123.574 ng
 RT: 7.26 min Scan# 880
 Delta R.T. -0.01 min
 Lab File: BF109745.D
 Acq: 10 Oct 2018 16:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 693709
 Ion Ratio Lower Upper
 82 100
 128 41.6 34.2 51.2
 54 49.9 38.6 58.0

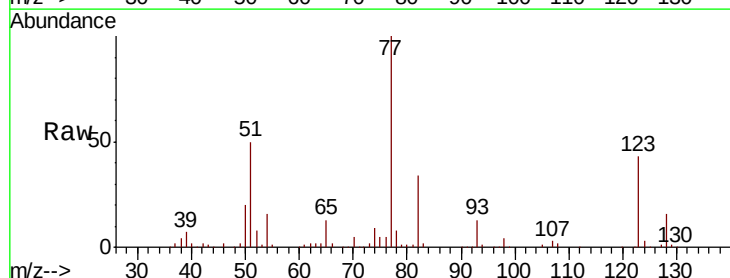


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

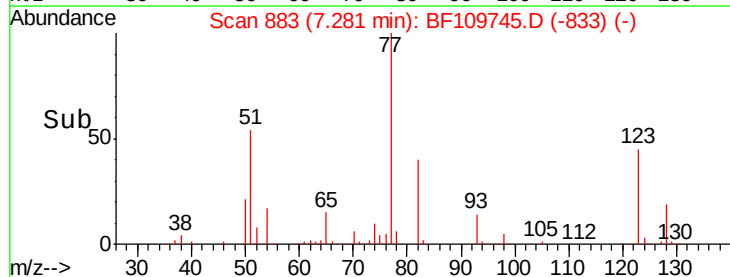
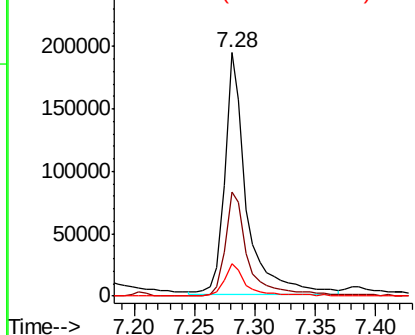


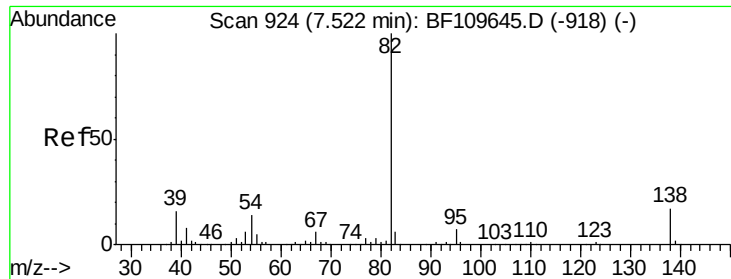
#24
 Nitrobenzene
 Concen: 41.457 ng
 RT: 7.28 min Scan# 883
 Delta R.T. -0.01 min
 Lab File: BF109745.D
 Acq: 10 Oct 2018 16:32

Tgt Ion: 77 Resp: 242167
 Ion Ratio Lower Upper
 77 100
 123 42.6 35.7 53.5
 65 13.4 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: 48.054 ng

RT: 7.52 min Scan# 924

Delta R.T. -0.00 min

Lab File: BF109745.D

Acq: 10 Oct 2018 16:32

Instrument :

BNA_F

ClientSampled :

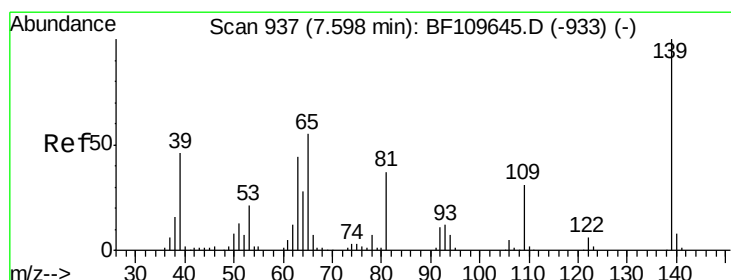
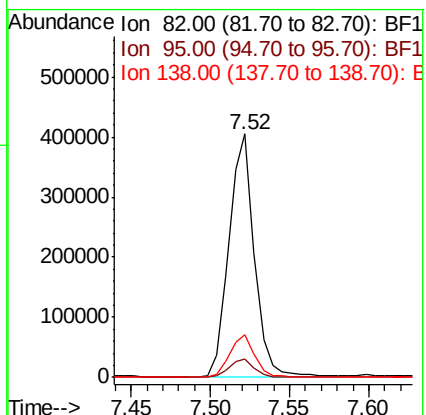
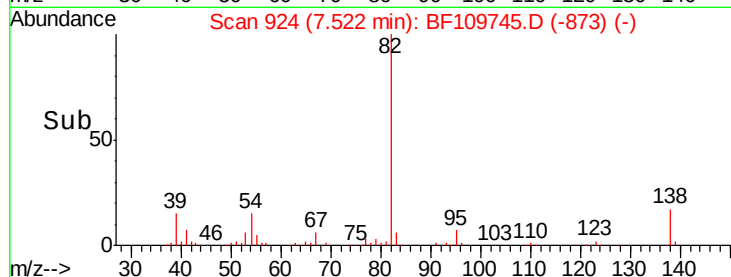
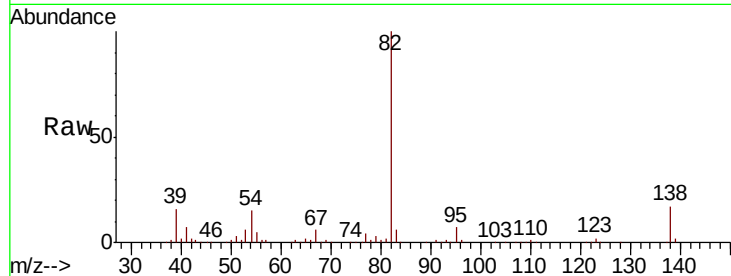
Tot Ion: 82 Resp: 447956

Ion Ratio Lower Upper

82 100

95 7.3 5.7 8.5

138 17.4 13.2 19.8



#26

2-Nitrophenol

Concen: 42.328 ng

RT: 7.60 min Scan# 937

Delta R.T. -0.00 min

Lab File: BF109745.D

Acq: 10 Oct 2018 16:32

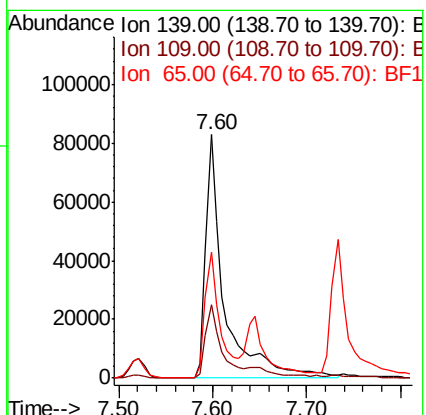
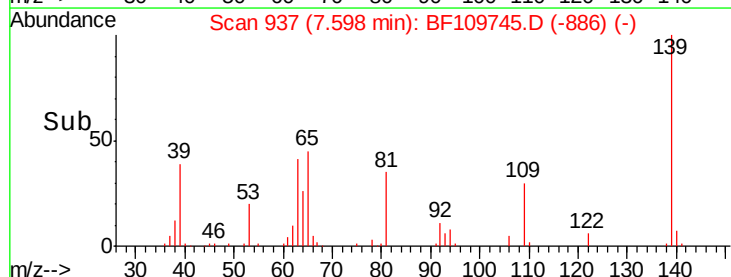
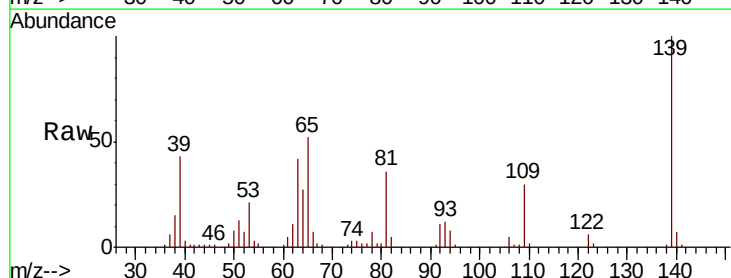
Tgt Ion: 139 Resp: 115653

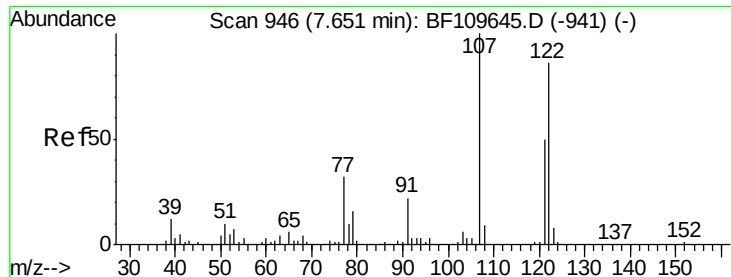
Ion Ratio Lower Upper

139 100

109 30.3 25.0 37.6

65 51.8 44.0 66.0

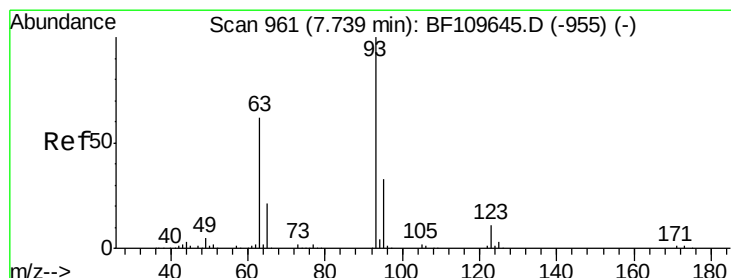
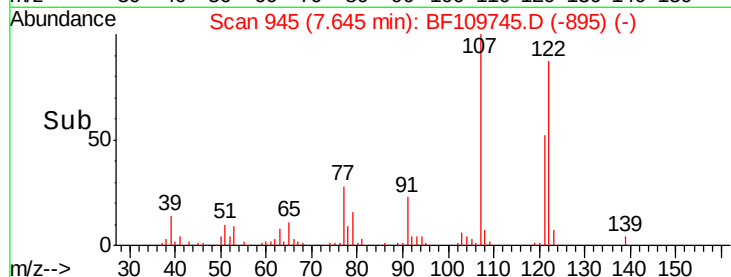
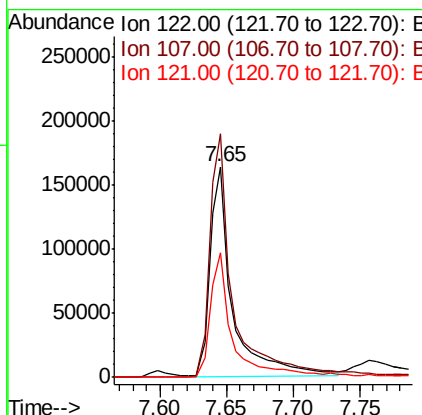
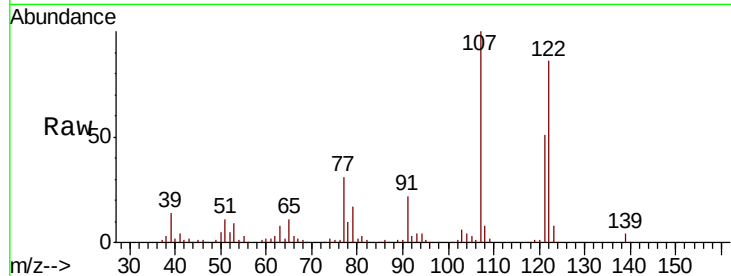




#27
2,4-Dimethylphenol
Concen: 49.662 ng
RT: 7.65 min Scan# 945
Delta R.T. -0.01 min
Lab File: BF109745.D
Acq: 10 Oct 2018 16:32

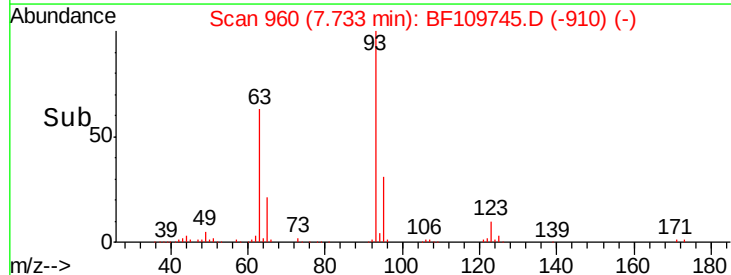
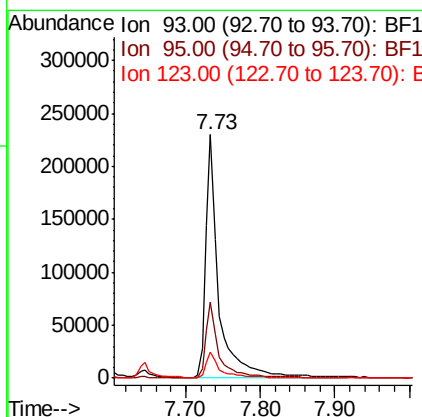
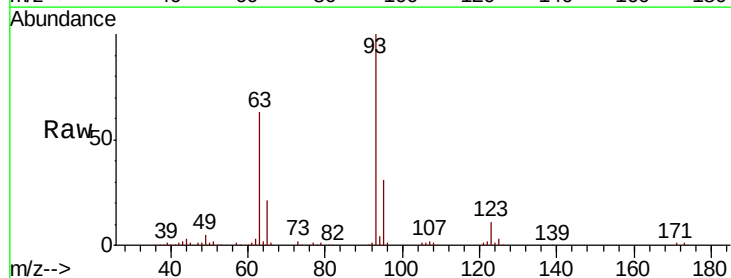
Instrument :
BNA_F
ClientSampled :

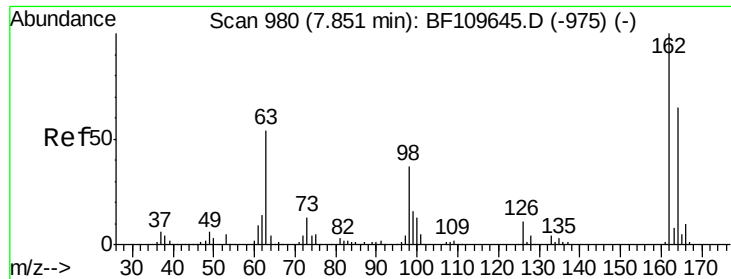
Tot Ion:122 Resp: 195944
Ion Ratio Lower Upper
122 100
107 115.7 92.5 138.7
121 59.4 45.8 68.8



#28
bis(2-Chloroethoxy)methane
Concen: 44.121 ng
RT: 7.73 min Scan# 960
Delta R.T. -0.01 min
Lab File: BF109745.D
Acq: 10 Oct 2018 16:32

Tgt Ion: 93 Resp: 278201
Ion Ratio Lower Upper
93 100
95 31.4 26.4 39.6
123 10.8 9.0 13.6

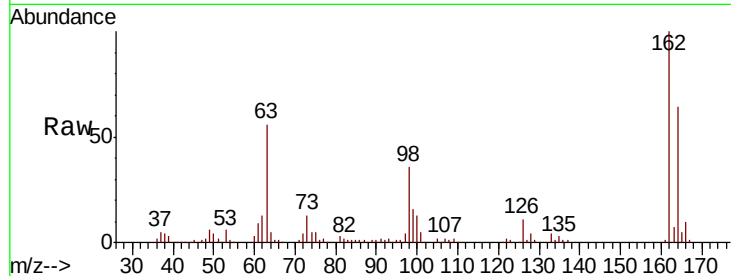




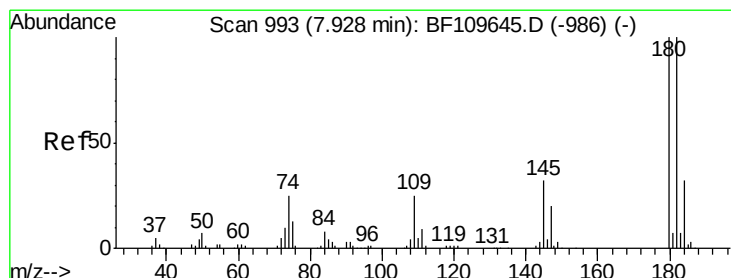
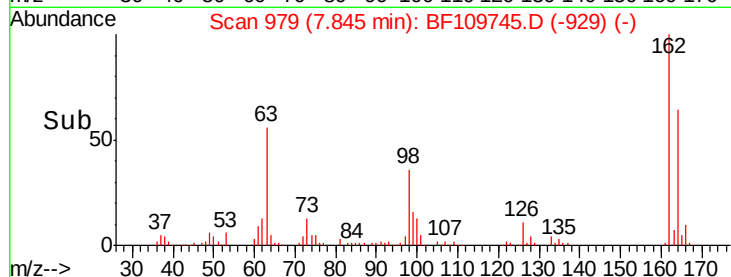
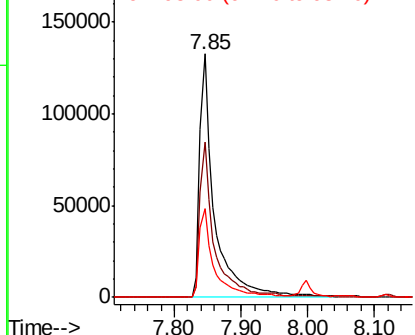
#29
 2,4-Dichlorophenol
 Concen: 44.882 ng
 RT: 7.85 min Scan# 979
 Delta R.T. -0.01 min
 Lab File: BF109745.D
 Acq: 10 Oct 2018 16:32

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.9	44.6	84.6
98	36.3	17.4	57.4

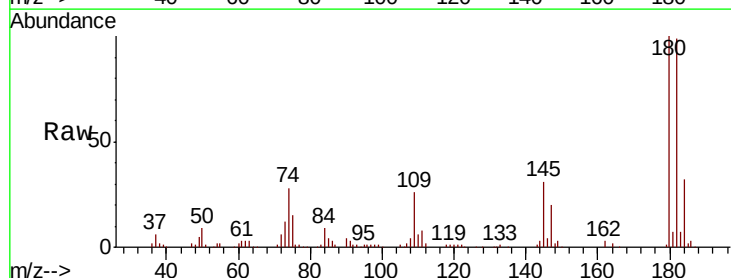


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

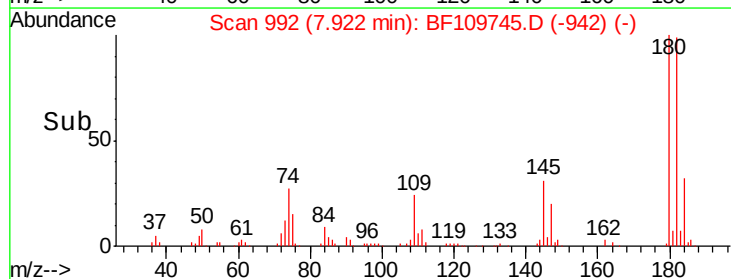
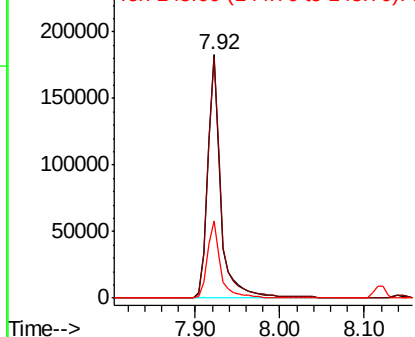


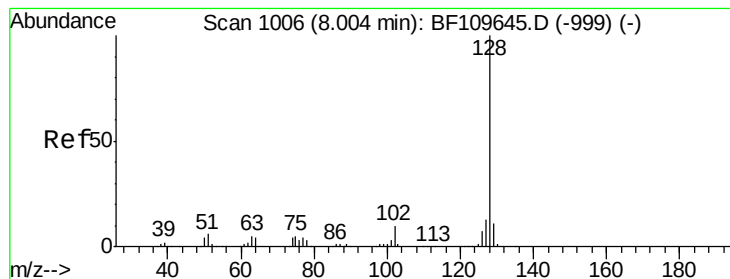
#30
 1,2,4-Trichlorobenzene
 Concen: 40.246 ng
 RT: 7.92 min Scan# 992
 Delta R.T. -0.01 min
 Lab File: BF109745.D
 Acq: 10 Oct 2018 16:32

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.3	80.3	120.5
145	31.5	25.4	38.0



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





#31

Naphthalene

Concen: 43.682 ng

RT: 8.00 min Scan# 1005

Delta R.T. -0.01 min

Lab File: BF109745.D

Acq: 10 Oct 2018 16:32

Instrument :

BNA_F

ClientSampleId :

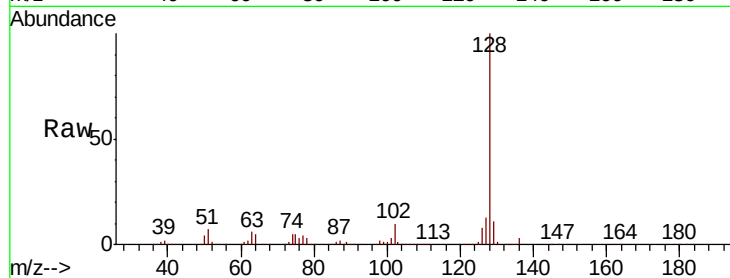
Tot Ion:128 Resp: 625128

Ion Ratio Lower Upper

128 100

129 11.2 8.8 13.2

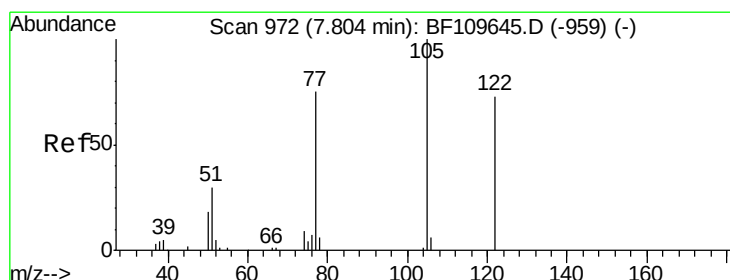
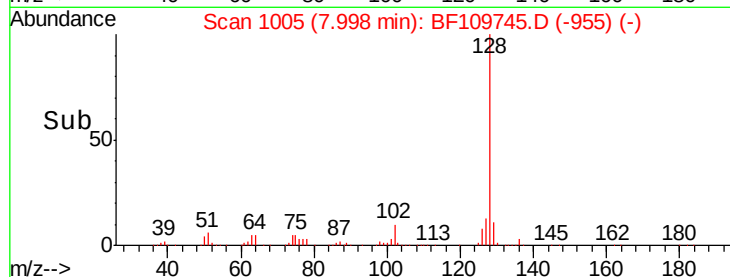
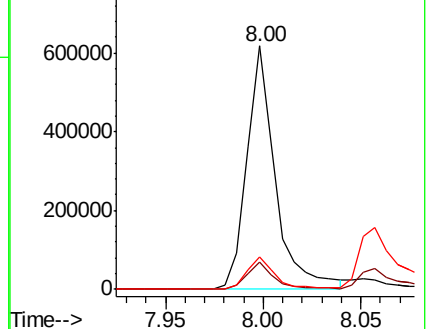
127 13.4 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 13.331 ng

RT: 7.76 min Scan# 964

Delta R.T. -0.05 min

Lab File: BF109745.D

Acq: 10 Oct 2018 16:32

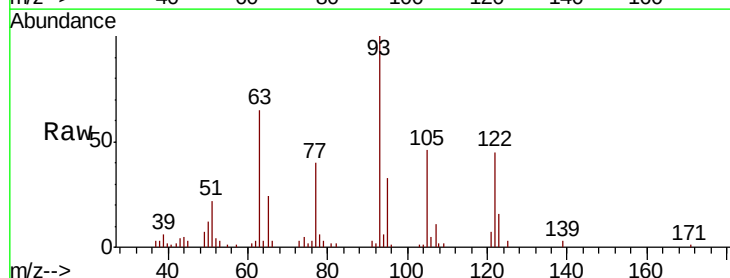
Tgt Ion:122 Resp: 37605

Ion Ratio Lower Upper

122 100

105 102.4 109.0 149.0#

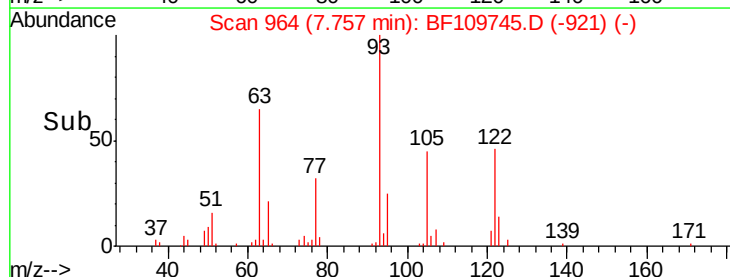
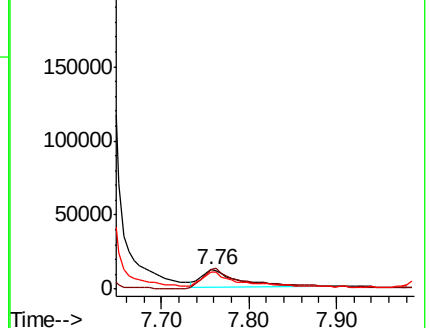
77 88.7 79.0 119.0

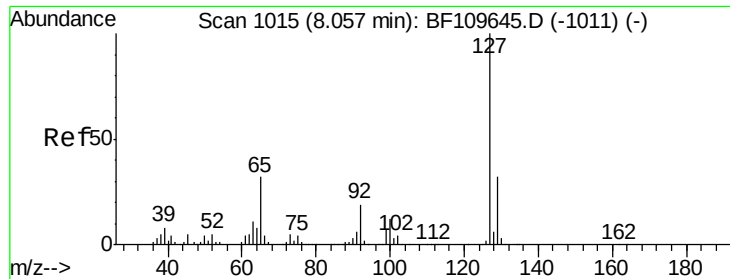


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

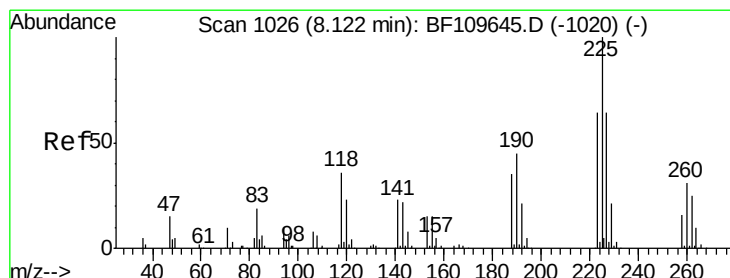
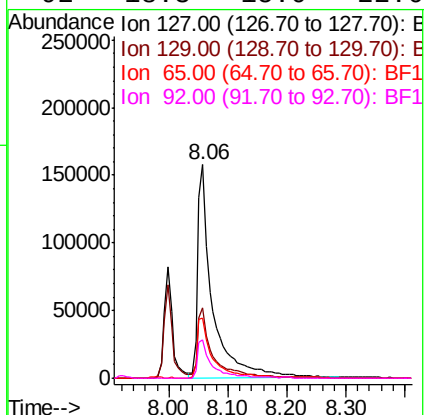
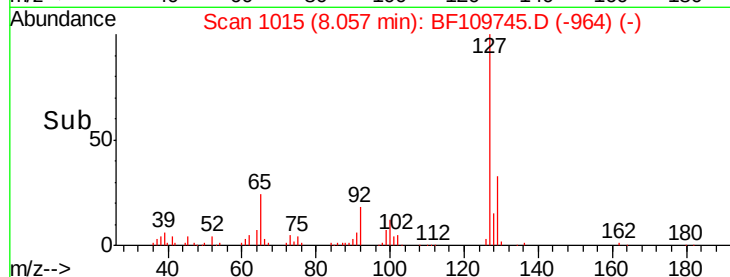
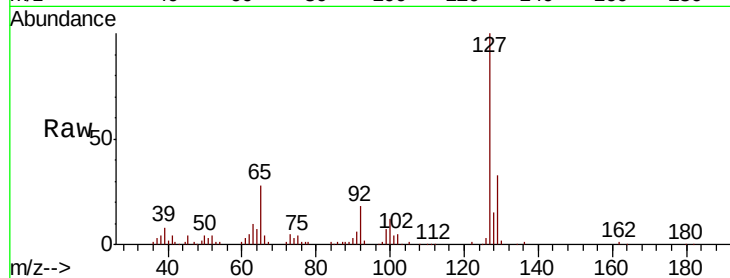




#33
4-Chloroaniline
Concen: 43.005 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.00 min
Lab File: BF109745.D
Acq: 10 Oct 2018 16:32

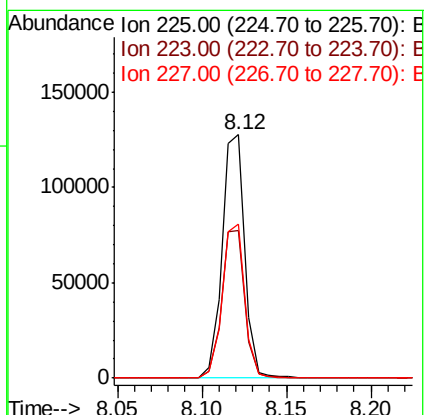
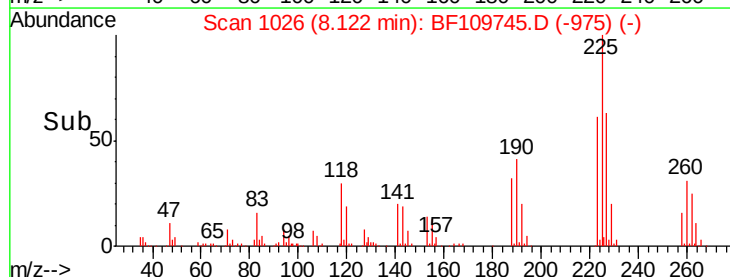
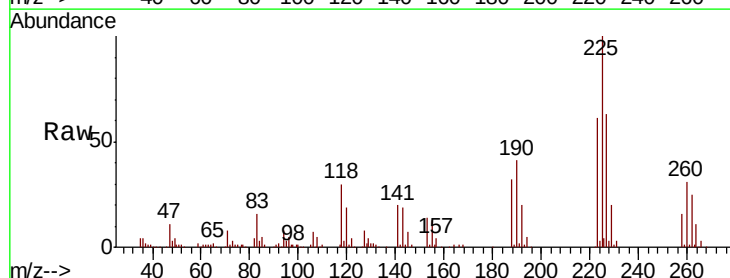
Instrument :
BNA_F
ClientSampled :

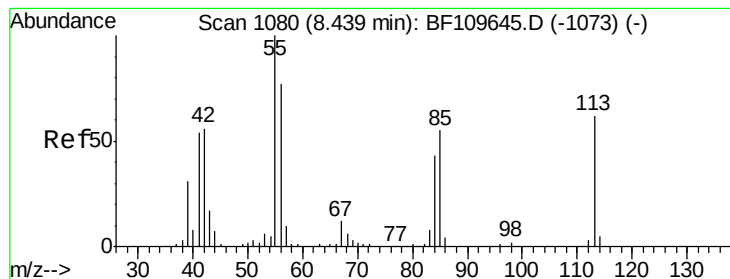
Tot Ion:127	Resp:	271024
Ion Ratio	Lower	Upper
127	100	
129	32.7	26.0 39.0
65	28.3	25.1 37.7
92	18.3	15.0 22.6



#34
Hexachlorobutadiene
Concen: 39.058 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BF109745.D
Acq: 10 Oct 2018 16:32

Tgt Ion:225	Resp:	118975
Ion Ratio	Lower	Upper
225	100	
223	60.5	51.4 77.2
227	63.4	51.0 76.6





#35

Caprolactam

Concen: 20.180 ng

RT: 8.42 min Scan# 1077

Delta R.T. -0.02 min

Lab File: BF109745.D

Acq: 10 Oct 2018 16:32

Instrument :

BNA_F

ClientSampleId :

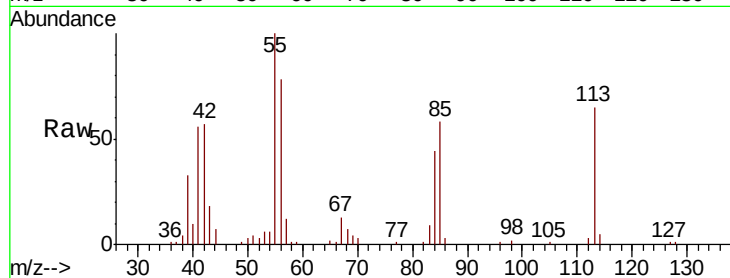
Tot Ion:113 Resp: 26671

Ion Ratio Lower Upper

113 100

55 153.1 142.8 182.8

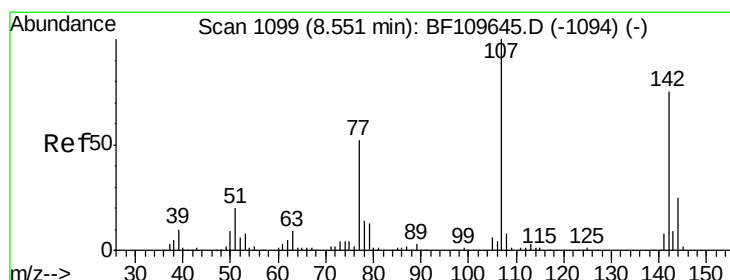
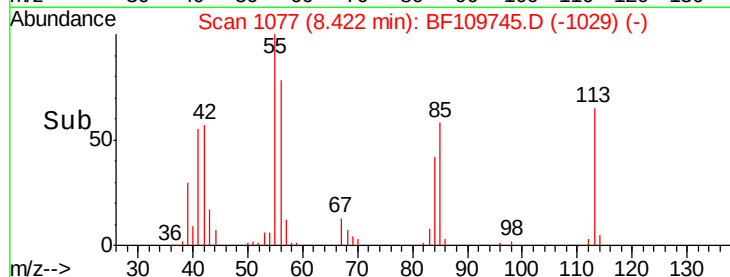
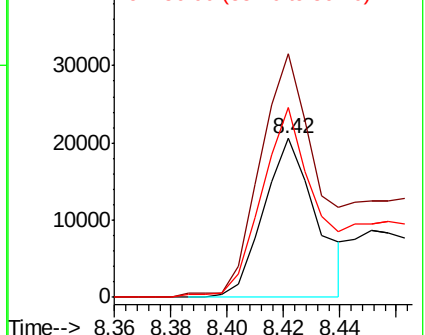
56 119.3 105.0 145.0



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 46.020 ng

RT: 8.55 min Scan# 1098

Delta R.T. -0.01 min

Lab File: BF109745.D

Acq: 10 Oct 2018 16:32

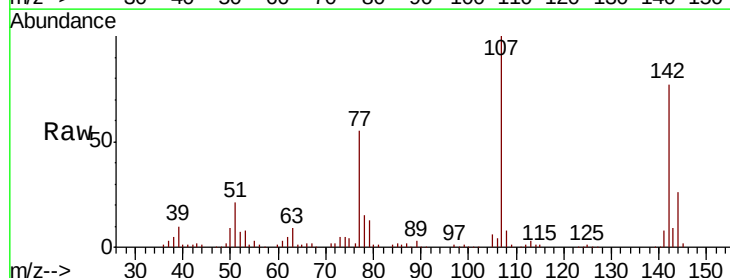
Tgt Ion:107 Resp: 214986

Ion Ratio Lower Upper

107 100

144 25.5 20.0 30.0

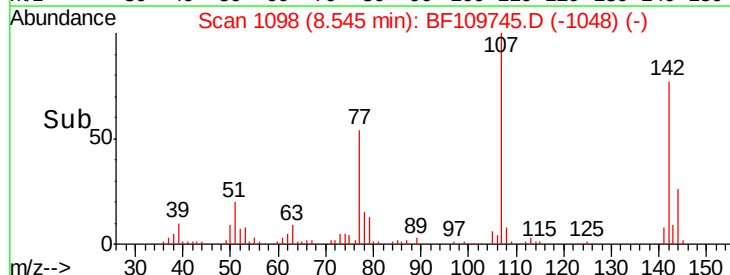
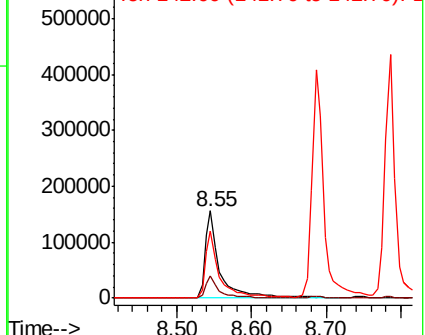
142 77.5 59.7 89.5

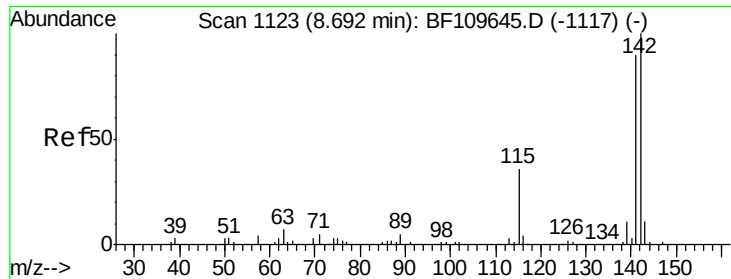


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

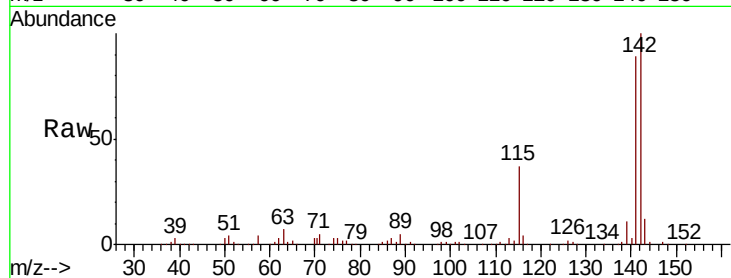




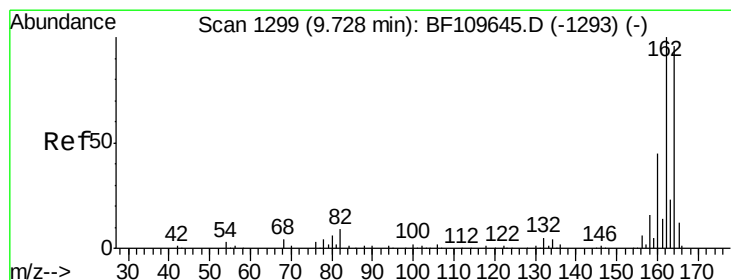
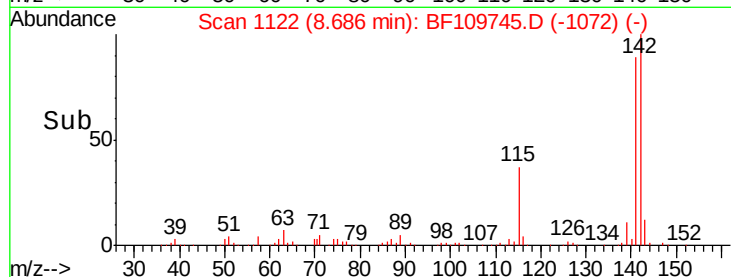
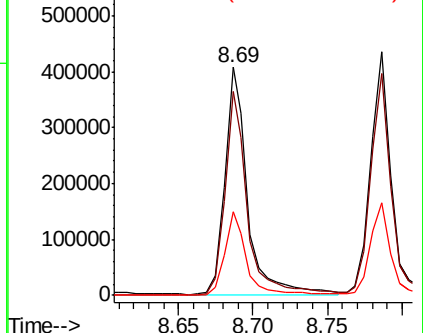
#37
2-Methylnaphthalene
Concen: 47.046 ng
RT: 8.69 min Scan# 1122
Delta R.T. -0.01 min
Lab File: BF109745.D
Acq: 10 Oct 2018 16:32

Instrument :
BNA_F
ClientSampled :

Tot Ion:142 Resp: 441025
Ion Ratio Lower Upper
142 100
141 89.3 71.4 107.2
115 36.9 28.7 43.1

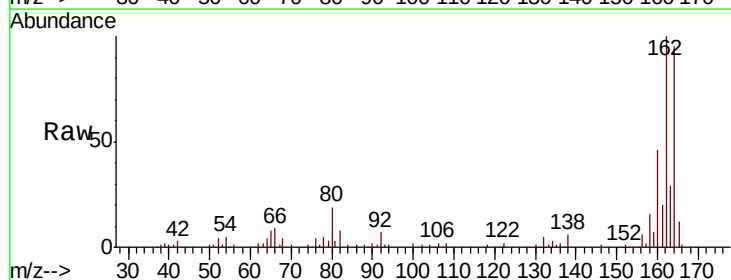


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

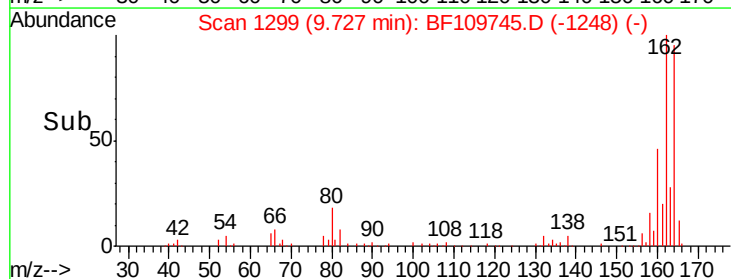
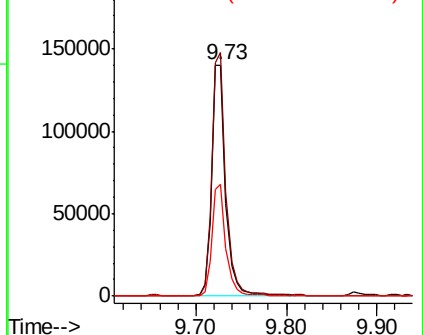


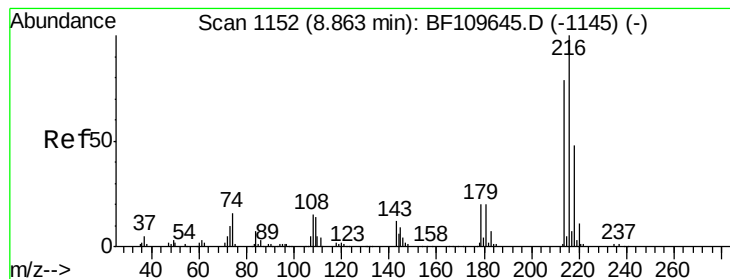
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.00 min
Lab File: BF109745.D
Acq: 10 Oct 2018 16:32

Tgt Ion:164 Resp: 153631
Ion Ratio Lower Upper
164 100
162 105.2 83.0 124.6
160 48.1 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: 39.919 ng

RT: 8.86 min Scan# 1151

Delta R.T. -0.01 min

Lab File: BF109745.D

Acq: 10 Oct 2018 16:32

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 208764

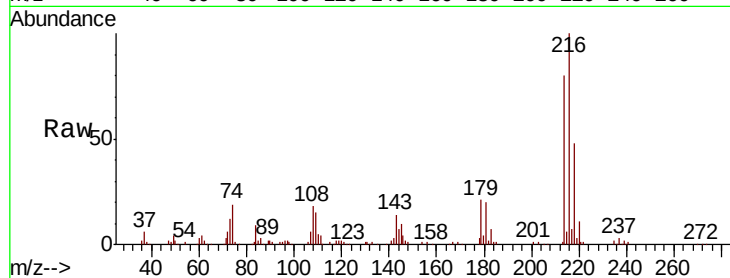
Ion Ratio Lower Upper

216 100

214 78.7 63.8 95.6

179 20.0 16.6 25.0

108 20.2 15.1 22.7

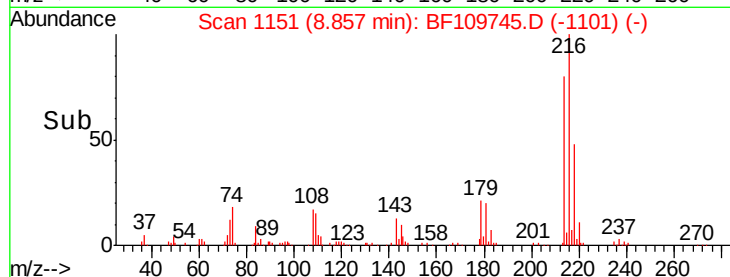


Abundance Ion 216.00 (215.70 to 216.70): E

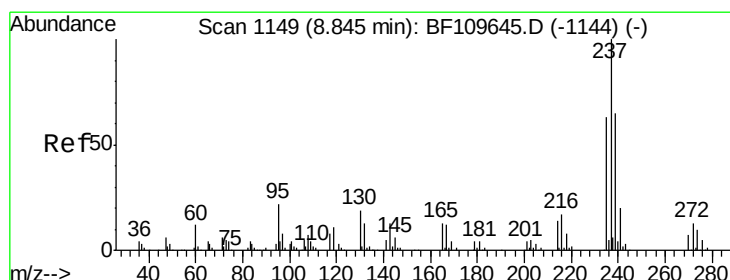
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 70.117 ng

RT: 8.85 min Scan# 1149

Delta R.T. 0.00 min

Lab File: BF109745.D

Acq: 10 Oct 2018 16:32

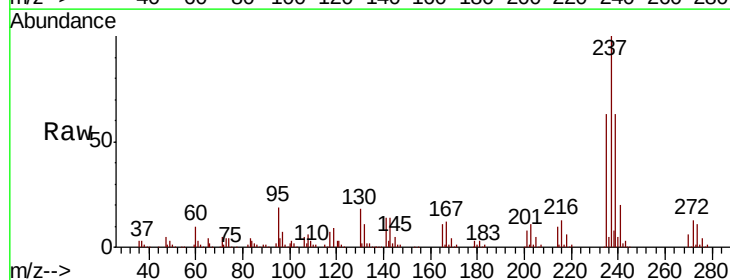
Tgt Ion:237 Resp: 158322

Ion Ratio Lower Upper

237 100

235 63.4 43.1 83.1

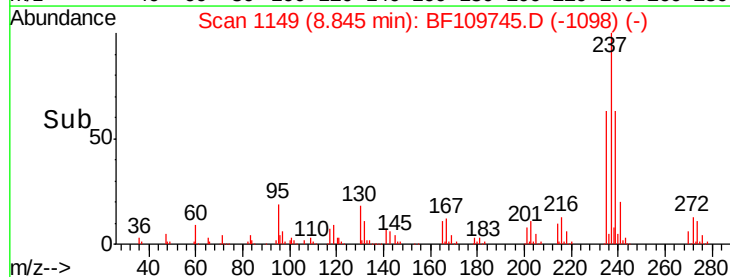
272 12.7 0.0 32.6



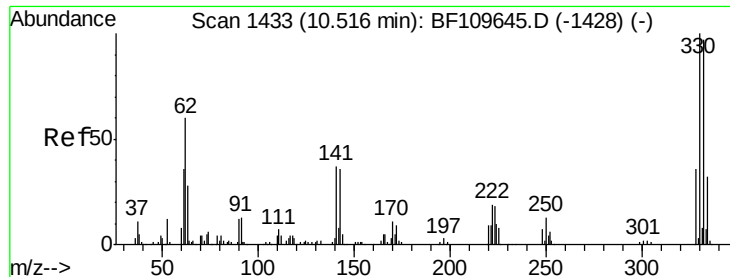
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



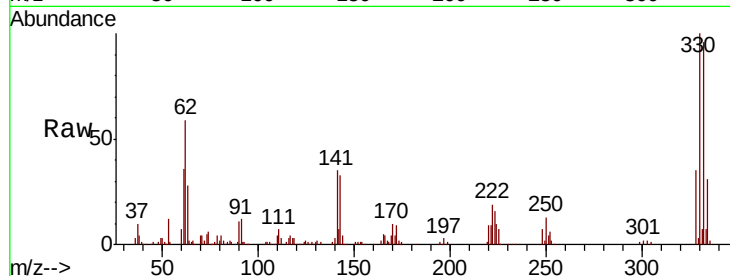
Time-->



#41
 2,4,6-Tribromophenol
 Concen: 182.712 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.00 min
 Lab File: BF109745.D
 Acq: 10 Oct 2018 16:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.9	77.1	115.7
141	34.5	27.0	40.4

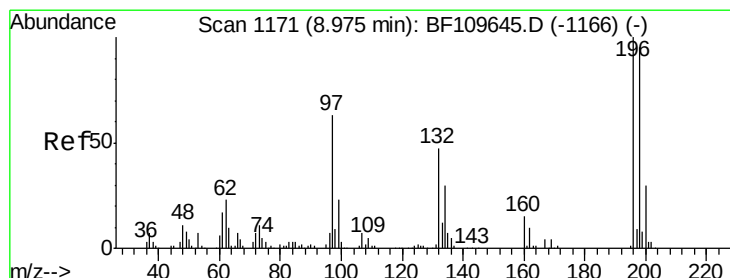
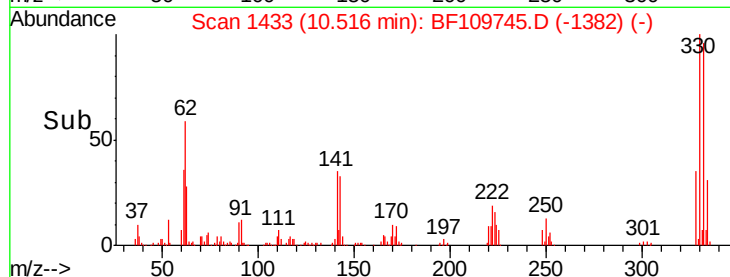
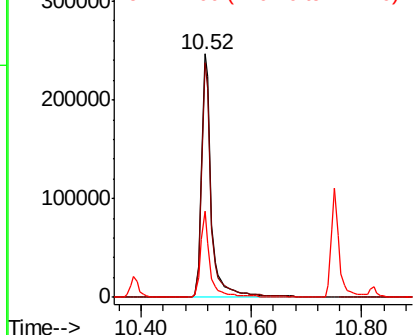


Abundance

Ion 329.80 (329.50 to 330.50): E

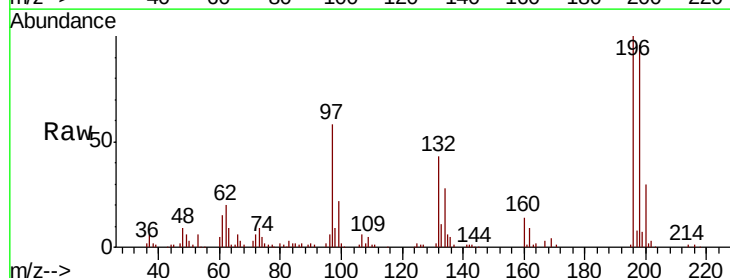
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 41.770 ng
 RT: 8.97 min Scan# 1171
 Delta R.T. -0.00 min
 Lab File: BF109745.D
 Acq: 10 Oct 2018 16:32

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.8	76.2	114.4
200	29.6	24.4	36.6

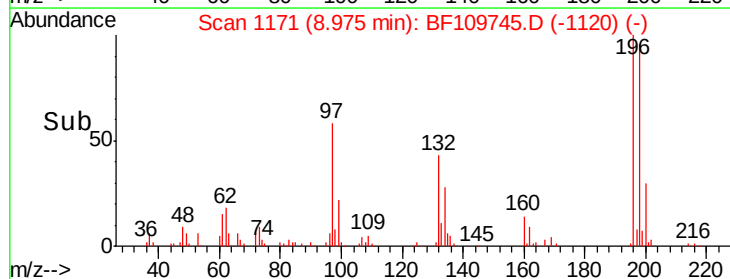
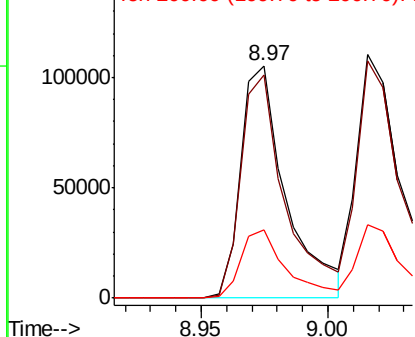


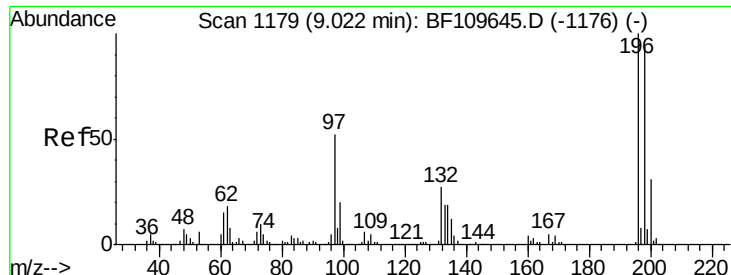
Abundance

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

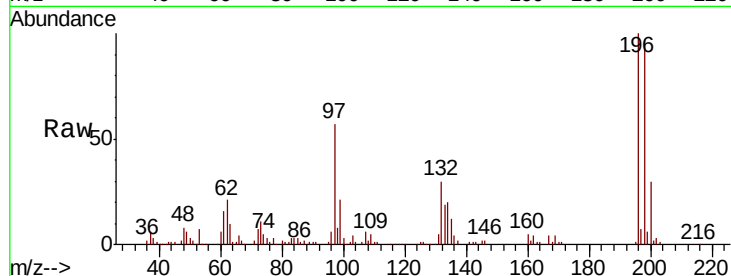




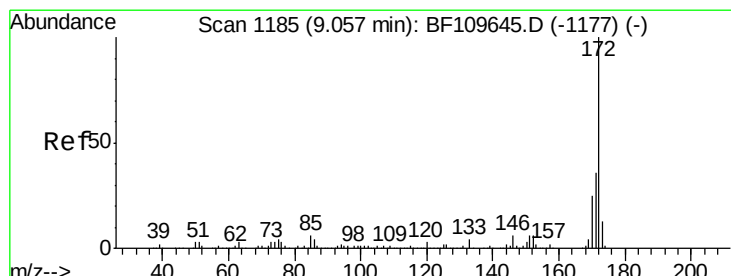
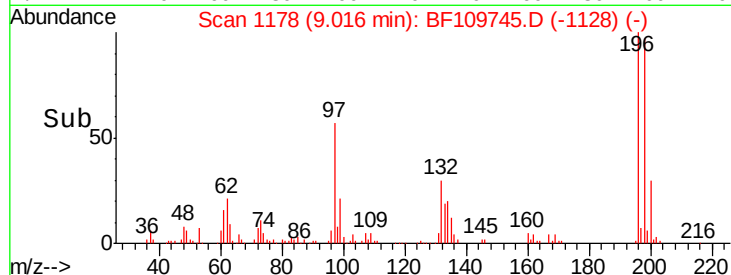
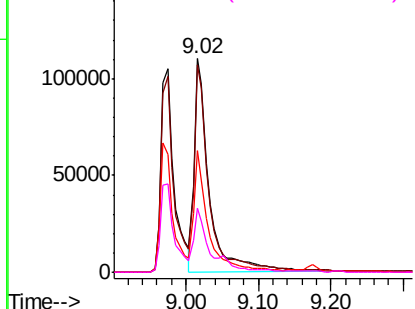
#43
2,4,5-Trichlorophenol
Concen: 44.155 ng
RT: 9.02 min Scan# 1178
Delta R.T. -0.01 min
Lab File: BF109745.D
Acq: 10 Oct 2018 16:32

Instrument :
BNA_F
ClientSampled :

Tot Ion:196 Resp: 158716
Ion Ratio Lower Upper
196 100
198 97.3 75.8 113.6
97 57.1 42.4 63.6
132 30.3 22.8 34.2

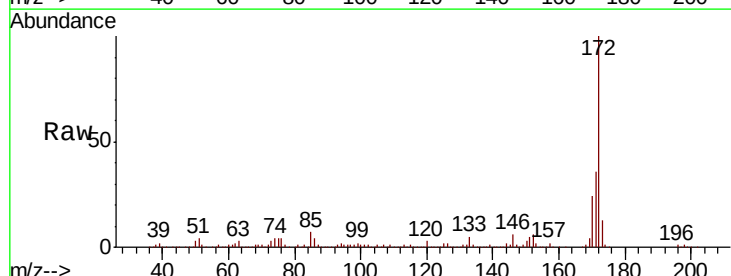


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF1
Ion 132.00 (131.70 to 132.70): E

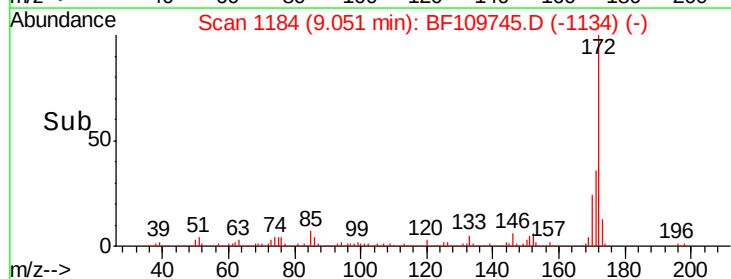
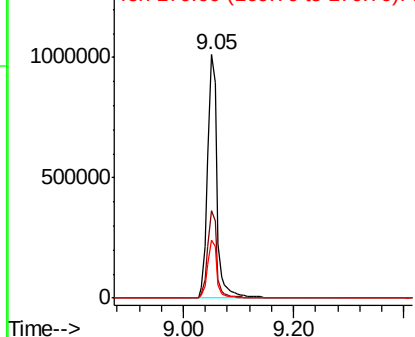


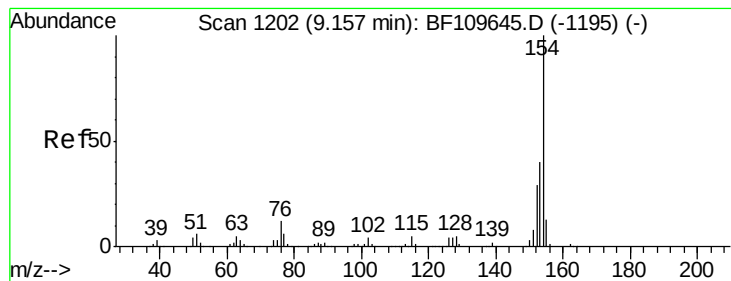
#44
2-Fluorobiphenyl
Concen: 105.400 ng
RT: 9.05 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BF109745.D
Acq: 10 Oct 2018 16:32

Tgt Ion:172 Resp: 1175720
Ion Ratio Lower Upper
172 100
171 35.8 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: 40.137 ng

RT: 9.15 min Scan# 1201

Delta R.T. -0.01 min

Lab File: BF109745.D

Acq: 10 Oct 2018 16:32

Instrument :

BNA_F

ClientSampleId :

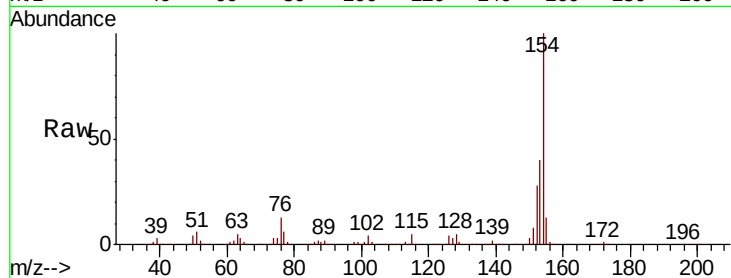
Tot Ion:154 Resp: 550863

Ion Ratio Lower Upper

154 100

153 40.5 20.4 60.4

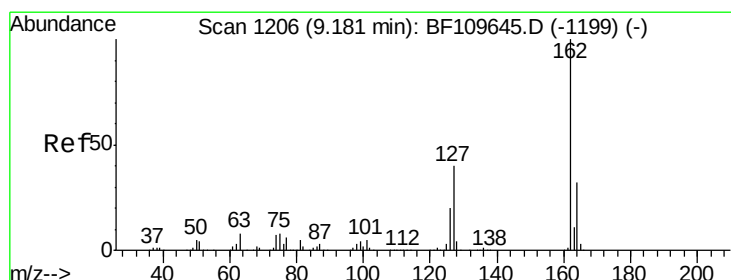
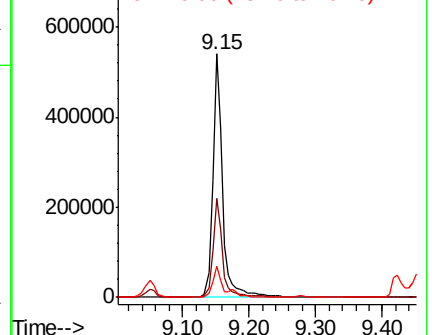
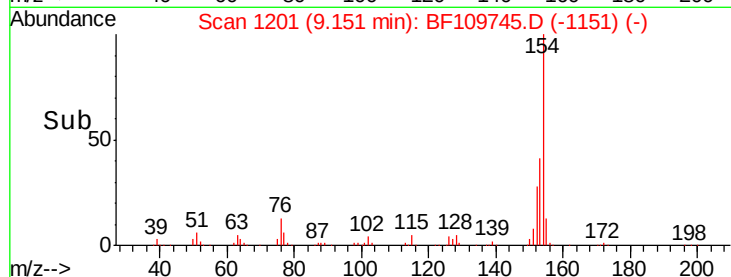
76 12.6 0.0 31.9



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: 40.730 ng

RT: 9.17 min Scan# 1205

Delta R.T. -0.01 min

Lab File: BF109745.D

Acq: 10 Oct 2018 16:32

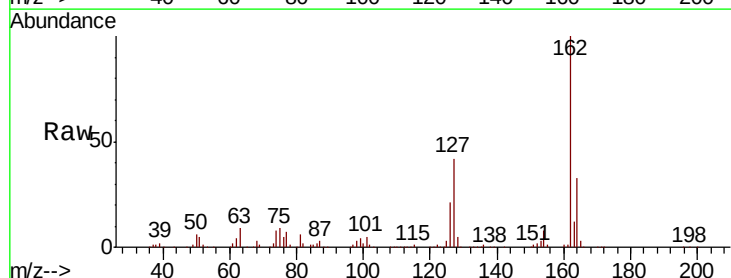
Tgt Ion:162 Resp: 418797

Ion Ratio Lower Upper

162 100

127 41.9 32.6 48.8

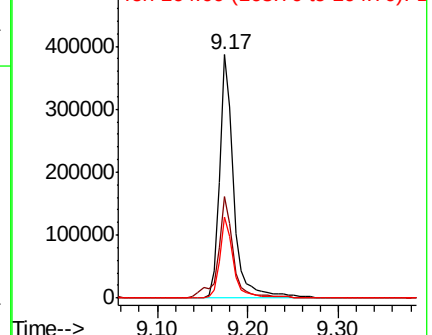
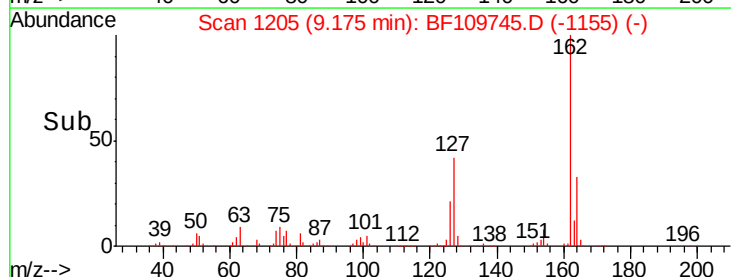
164 33.4 25.9 38.9

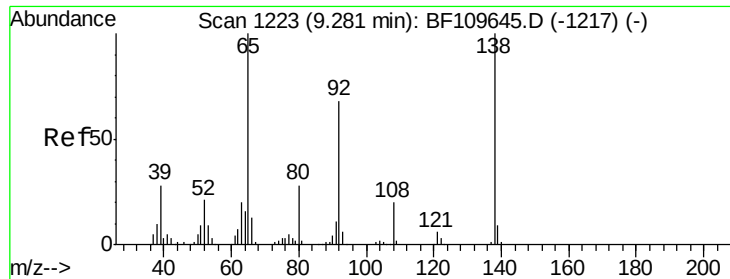


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

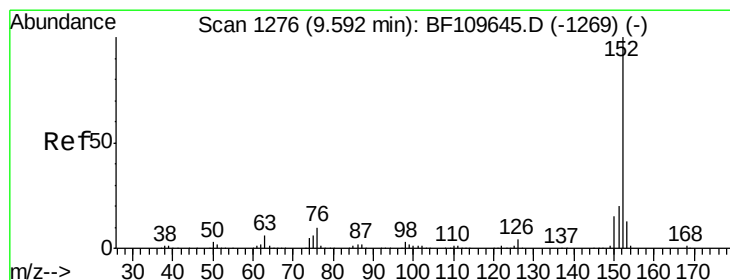
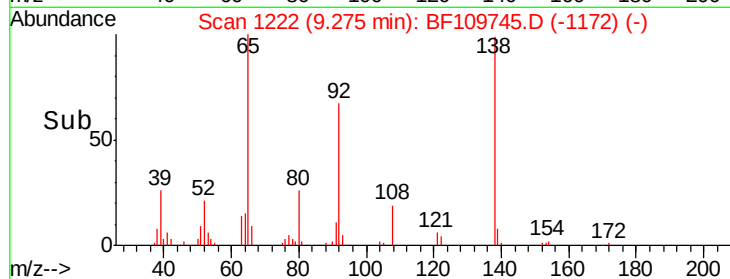
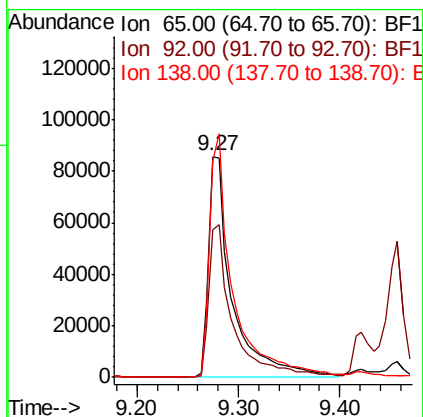
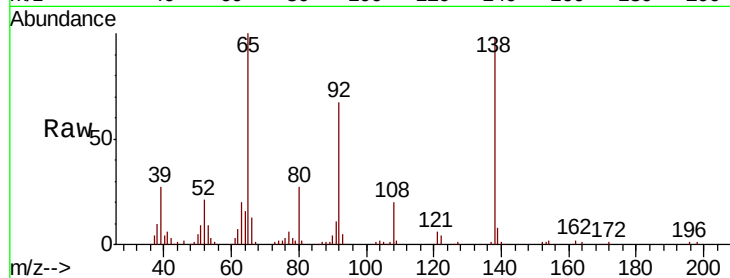




#47
2-Nitroaniline
Concen: 44.787 ng
RT: 9.27 min Scan# 1222
Delta R.T. -0.01 min
Lab File: BF109745.D
Acq: 10 Oct 2018 16:32

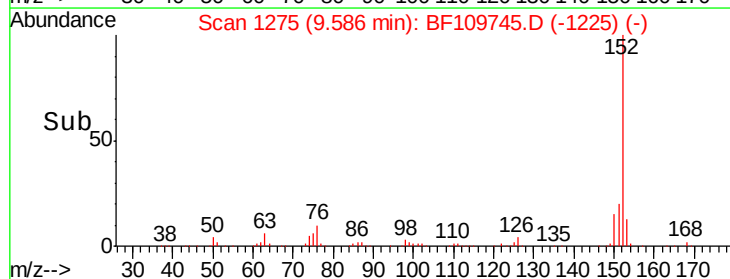
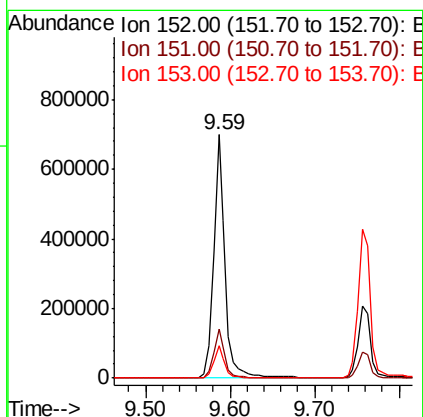
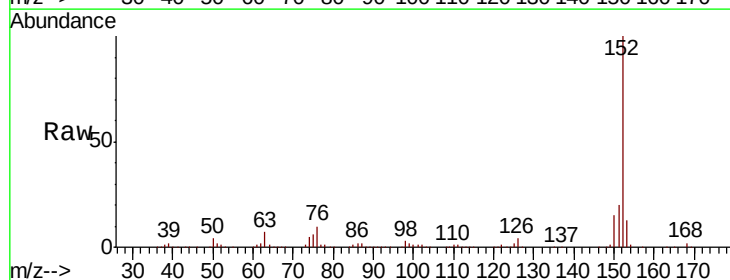
Instrument :
BNA_F
ClientSampleId :

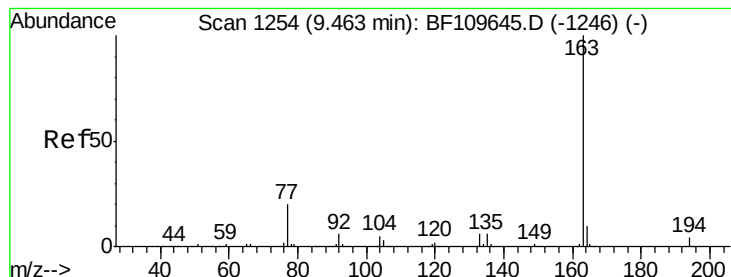
Tot Ion: 65 Resp: 139442
Ion Ratio Lower Upper
65 100
92 66.5 54.6 81.8
138 97.9 80.3 120.5



#48
Acenaphthylene
Concen: 45.194 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.01 min
Lab File: BF109745.D
Acq: 10 Oct 2018 16:32

Tgt Ion: 152 Resp: 677467
Ion Ratio Lower Upper
152 100
151 20.2 15.8 23.8
153 13.3 10.4 15.6





#49

Dimethylphthalate

Concen: 49.474 ng

RT: 9.46 min Scan# 1253

Delta R.T. -0.01 min

Lab File: BF109745.D

Acq: 10 Oct 2018 16:32

Instrument :

BNA_F

ClientSampleId :

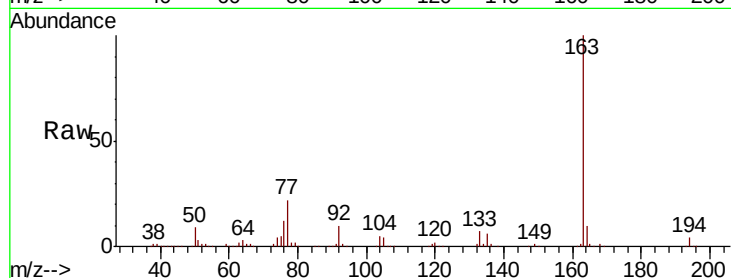
Tot Ion:163 Resp: 557438

Ion Ratio Lower Upper

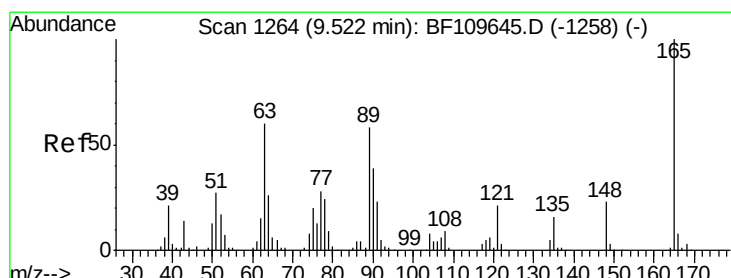
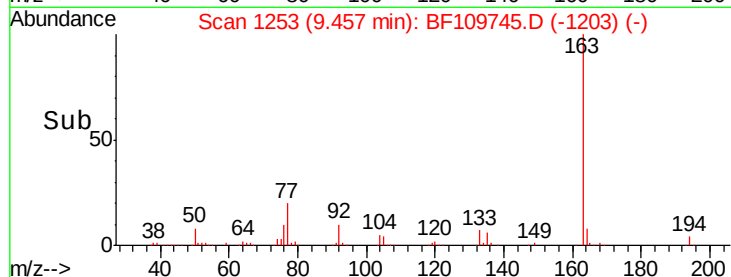
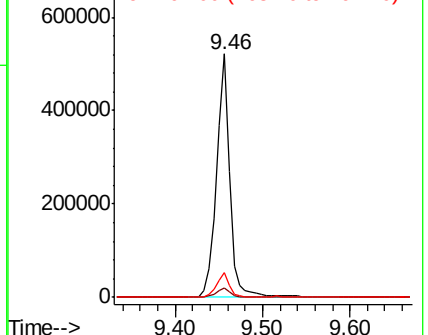
163 100

194 4.0 3.2 4.8

164 10.3 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: 45.633 ng

RT: 9.52 min Scan# 1263

Delta R.T. -0.01 min

Lab File: BF109745.D

Acq: 10 Oct 2018 16:32

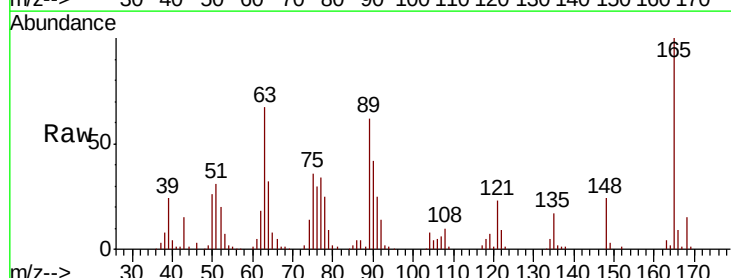
Tgt Ion:165 Resp: 111455

Ion Ratio Lower Upper

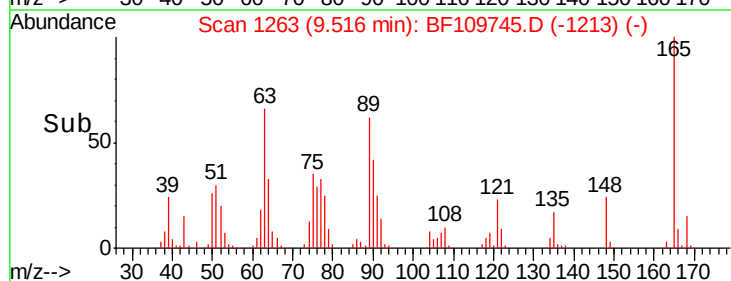
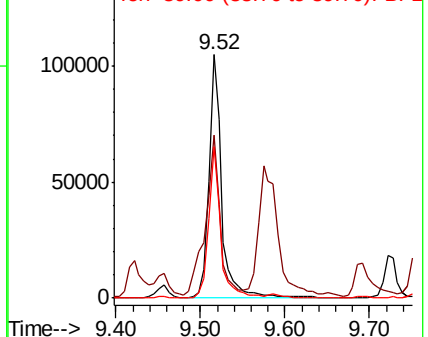
165 100

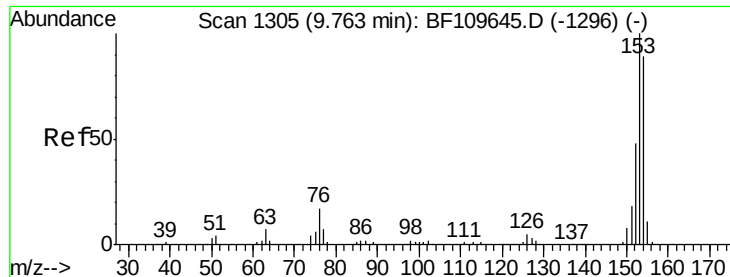
63 66.8 48.9 73.3

89 62.1 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: 41.982 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF109745.D

Acq: 10 Oct 2018 16:32

Instrument :

BNA_F

ClientSampled :

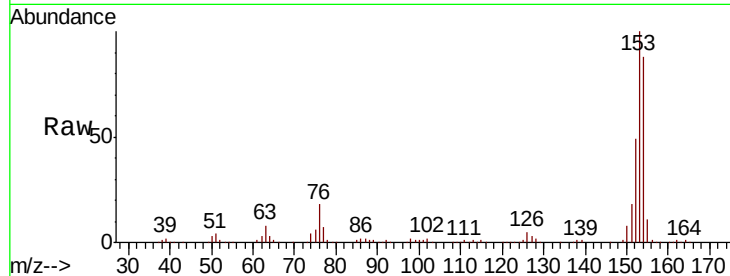
Tot Ion:154 Resp: 373068

Ion Ratio Lower Upper

154 100

153 113.1 90.1 135.1

152 54.9 43.4 65.2

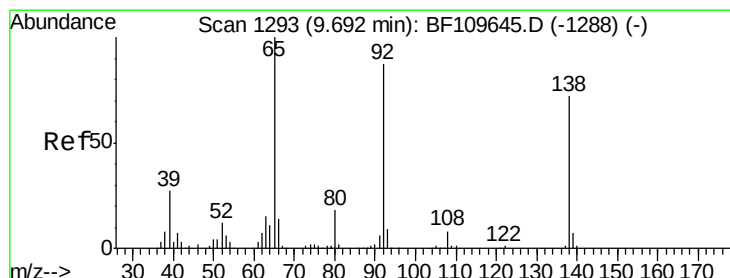
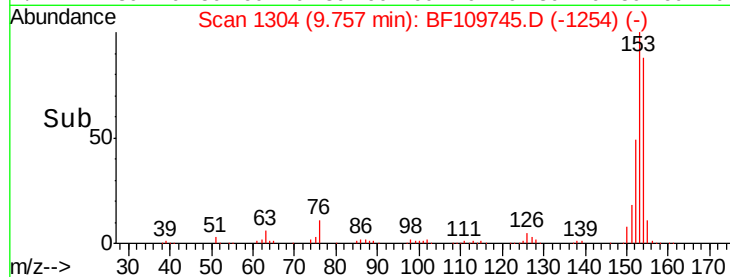
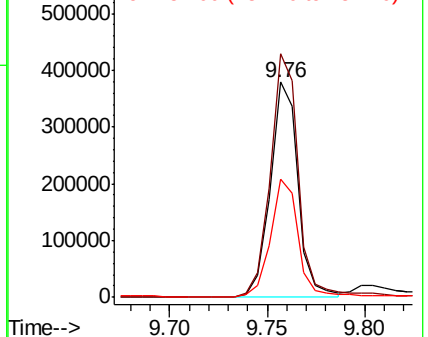


Abundance

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: 42.199 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.00 min

Lab File: BF109745.D

Acq: 10 Oct 2018 16:32

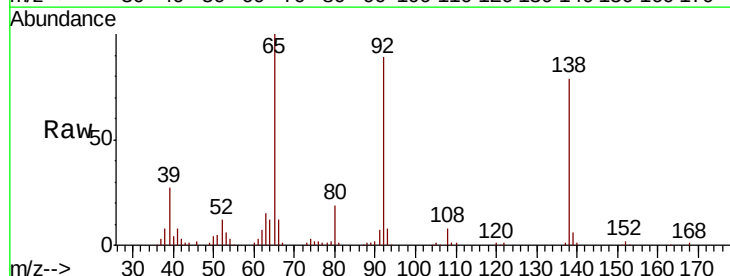
Tgt Ion:138 Resp: 115533

Ion Ratio Lower Upper

138 100

108 10.5 8.7 13.1

92 113.1 97.0 145.4

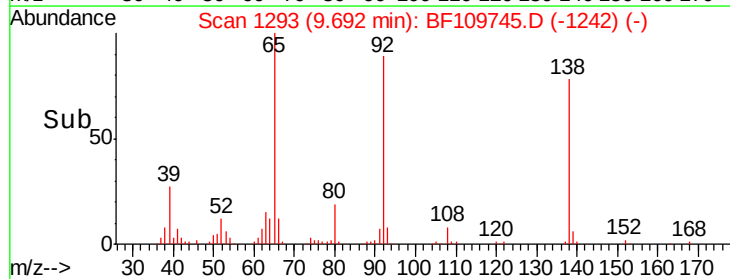
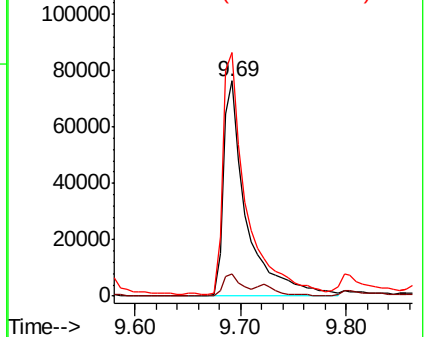


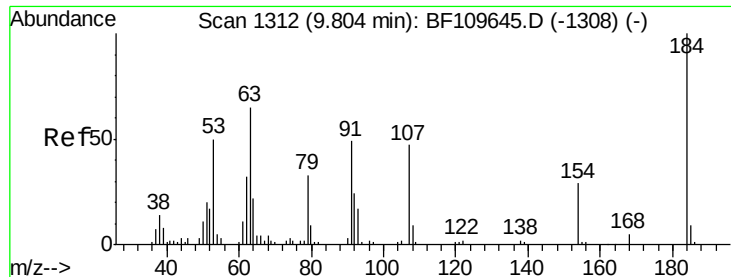
Abundance

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

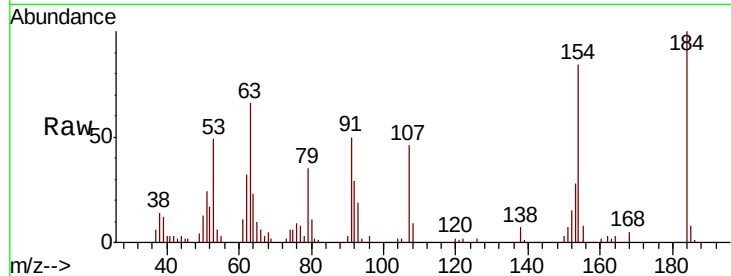




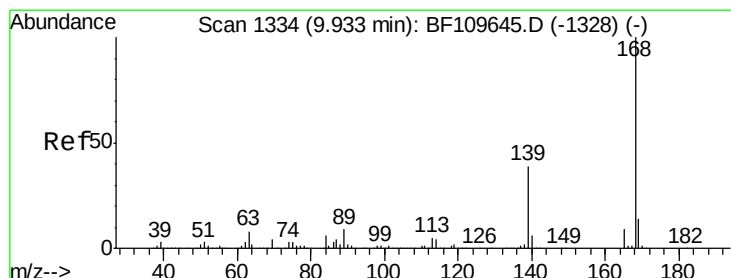
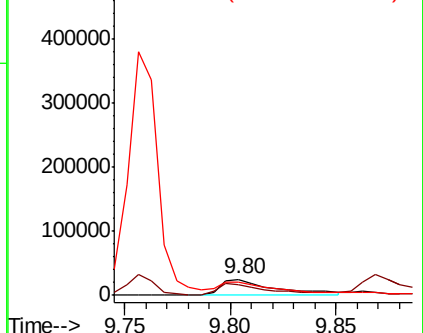
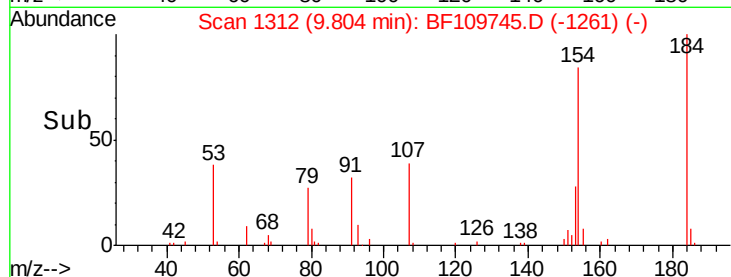
#53
2,4-Dinitrophenol
Concen: 56.293 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.00 min
Lab File: BF109745.D
Acq: 10 Oct 2018 16:32

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
184	100		
63	65.8	55.8	83.6
154	83.9	63.2	94.8

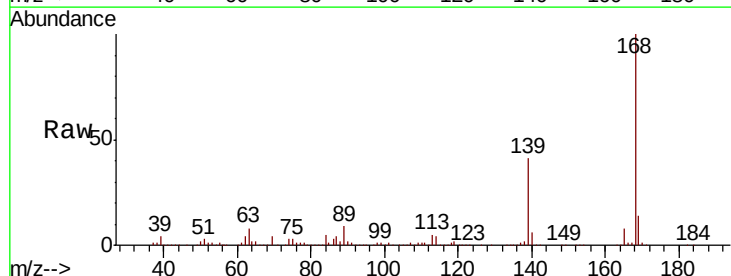


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

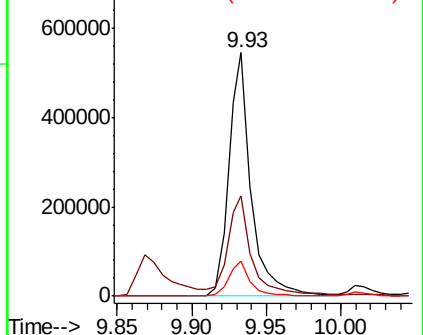
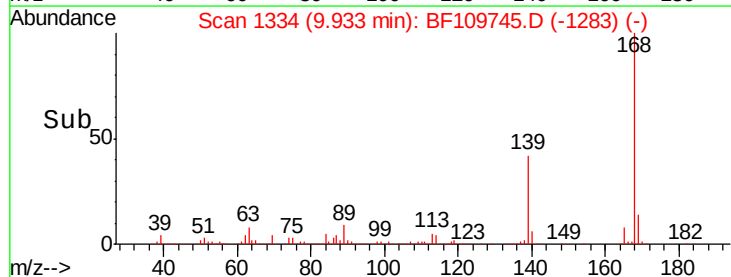


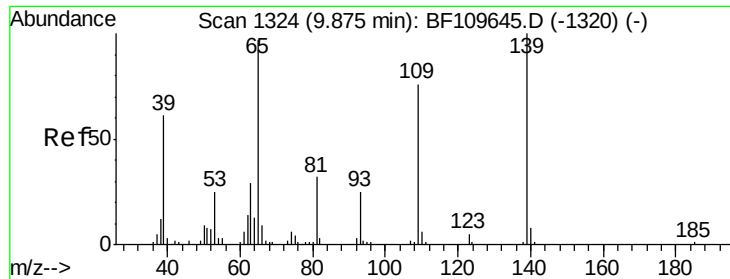
#54
Dibenzofuran
Concen: 43.068 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BF109745.D
Acq: 10 Oct 2018 16:32

Tgt Ion	Ratio	Lower	Upper
168	100		
139	41.4	33.0	49.6
169	14.1	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: 88.206 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.01 min

Lab File: BF109745.D

Acq: 10 Oct 2018 16:32

Instrument :

BNA_F

ClientSampled :

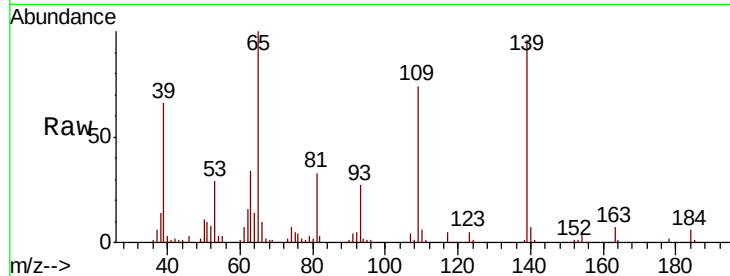
Tot Ion:139 Resp: 132185

Ion Ratio Lower Upper

139 100

109 76.9 55.8 95.8

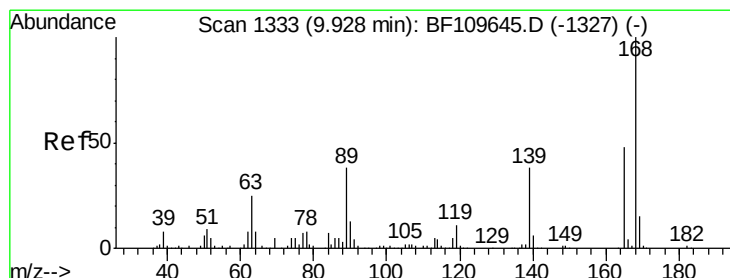
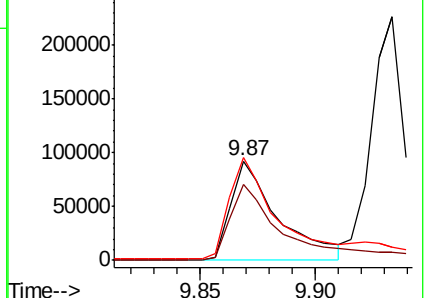
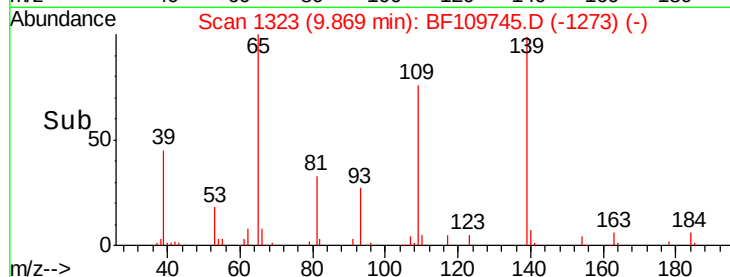
65 103.8 77.9 117.9



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#56

2,4-Dinitrotoluene

Concen: 47.814 ng

RT: 9.92 min Scan# 1332

Delta R.T. -0.01 min

Lab File: BF109745.D

Acq: 10 Oct 2018 16:32

Tgt Ion:165 Resp: 145737

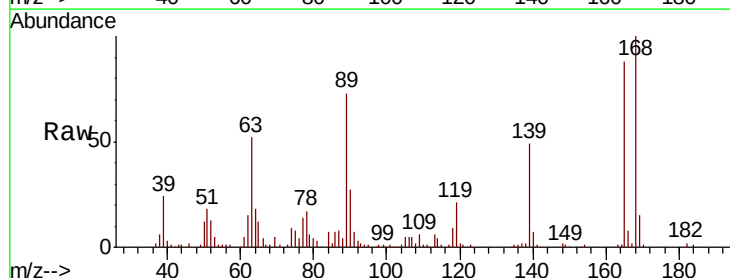
Ion Ratio Lower Upper

165 100

63 58.9 44.8 67.2

89 83.1 62.2 93.4

182 2.4 2.1 3.1

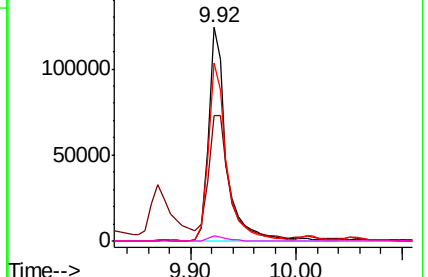
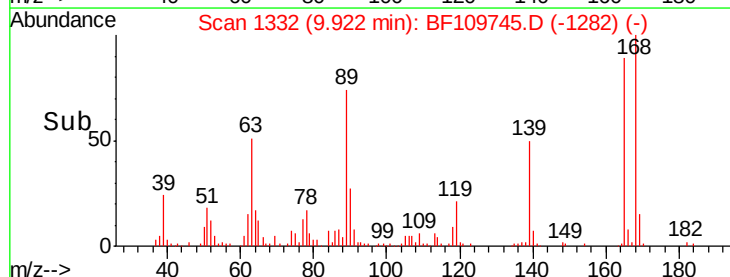


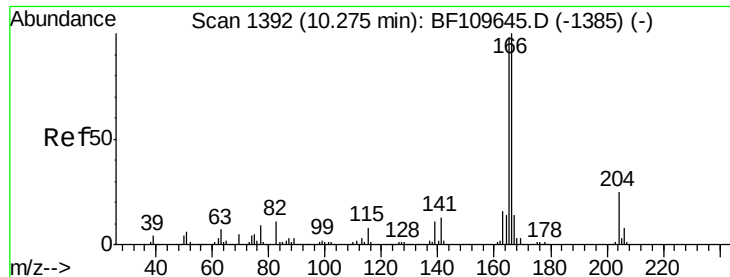
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 46.707 ng

RT: 10.27 min Scan# 1392

Delta R.T. -0.00 min

Lab File: BF109745.D

Acq: 10 Oct 2018 16:32

Instrument :

BNA_F

ClientSampled :

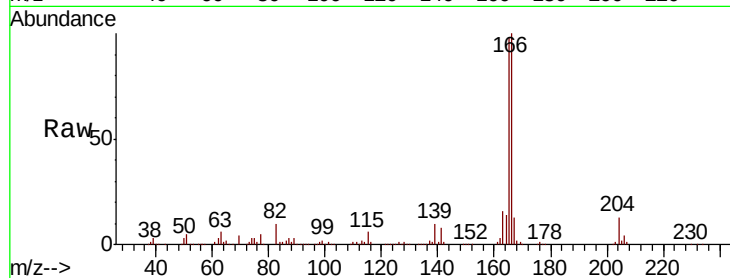
Tot Ion:166 Resp: 464613

Ion Ratio Lower Upper

166 100

165 97.9 78.6 117.8

167 13.4 10.8 16.2

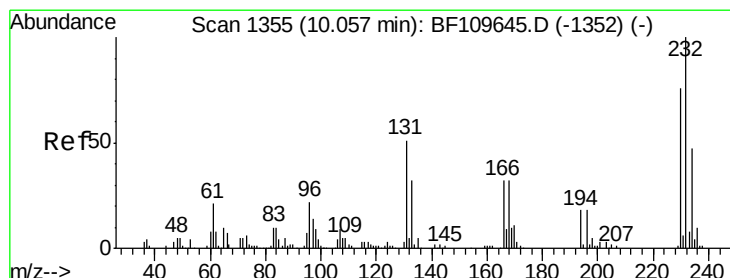
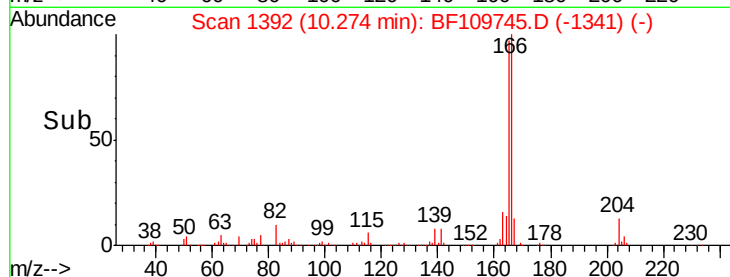
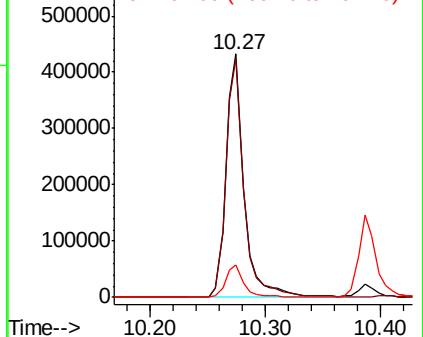


Abundance

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: 47.821 ng

RT: 10.06 min Scan# 1355

Delta R.T. -0.00 min

Lab File: BF109745.D

Acq: 10 Oct 2018 16:32

Tgt Ion:232 Resp: 139731

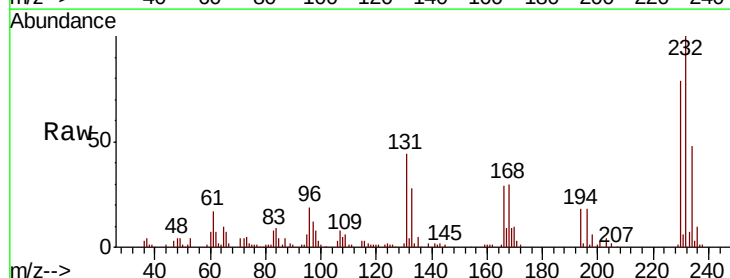
Ion Ratio Lower Upper

232 100

131 44.1 37.0 55.4

130 1.9 1.8 2.6

166 26.4 22.0 33.0



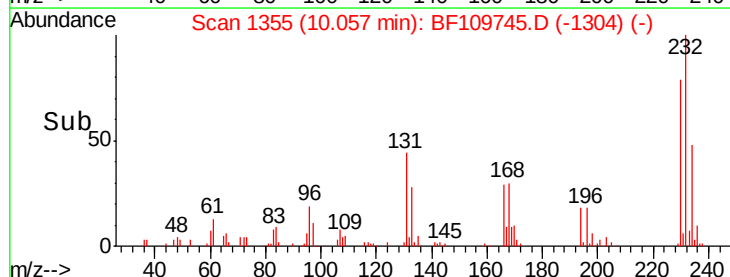
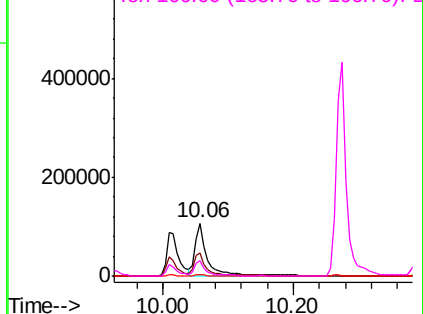
Abundance

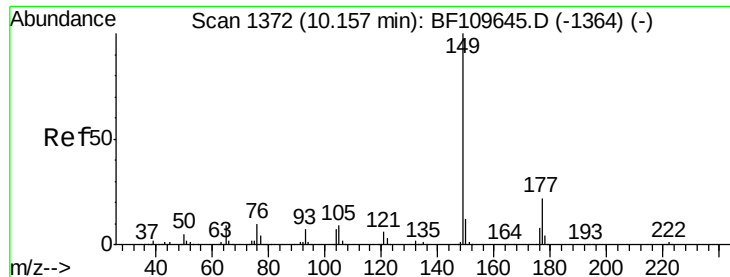
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

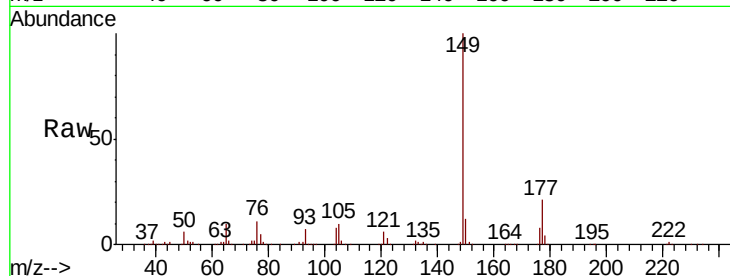




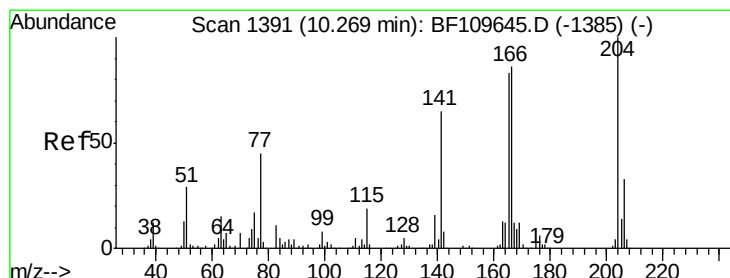
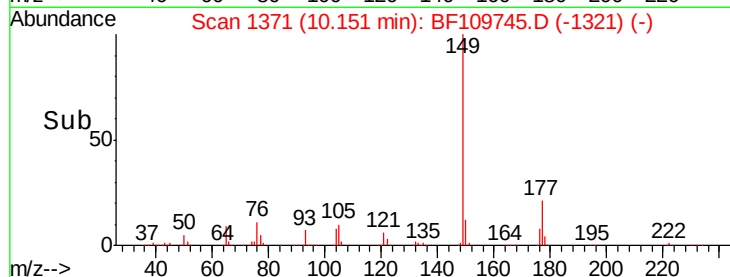
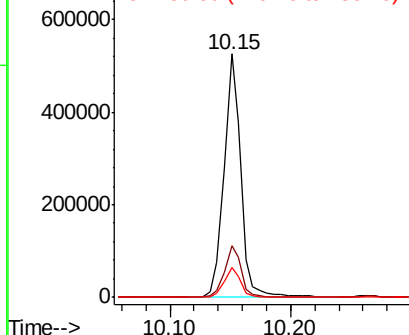
#59
Diethylphthalate
Concen: 45.325 ng
RT: 10.15 min Scan# 1371
Delta R.T. -0.01 min
Lab File: BF109745.D
Acq: 10 Oct 2018 16:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 506004
Ion Ratio Lower Upper
149 100
177 21.1 17.4 26.2
150 12.3 9.8 14.8

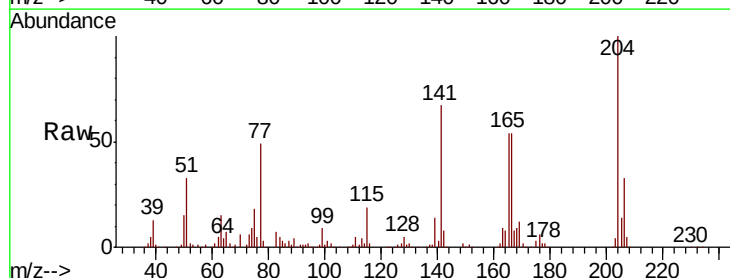


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

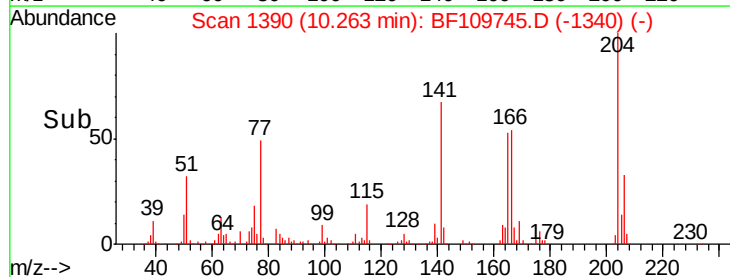
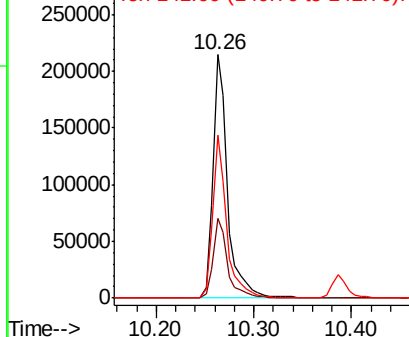


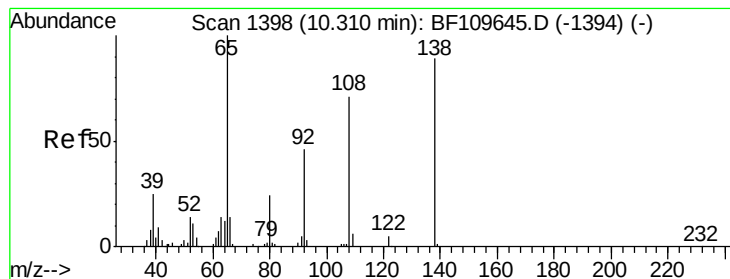
#60
4-Chlorophenyl-phenylether
Concen: 42.369 ng
RT: 10.26 min Scan# 1390
Delta R.T. -0.01 min
Lab File: BF109745.D
Acq: 10 Oct 2018 16:32

Tgt Ion:204 Resp: 222347
Ion Ratio Lower Upper
204 100
206 32.6 26.5 39.7
141 66.7 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: 47.419 ng

RT: 10.31 min Scan# 1398

Delta R.T. -0.00 min

Lab File: BF109745.D

Acq: 10 Oct 2018 16:32

Instrument :

BNA_F

ClientSampleId :

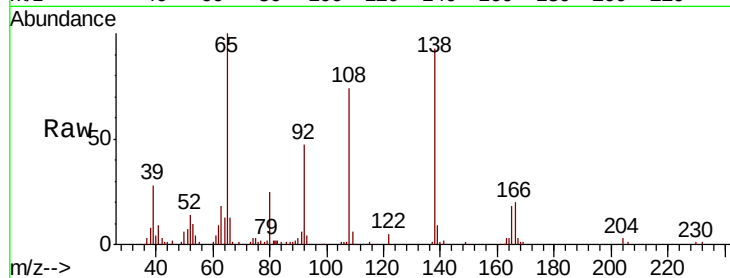
Tot Ion:138 Resp: 120231

Ion Ratio Lower Upper

138 100

92 50.5 31.7 71.7

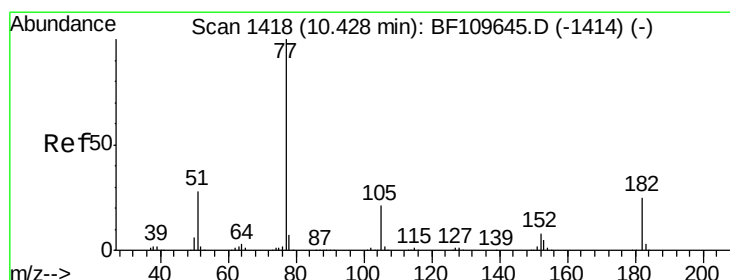
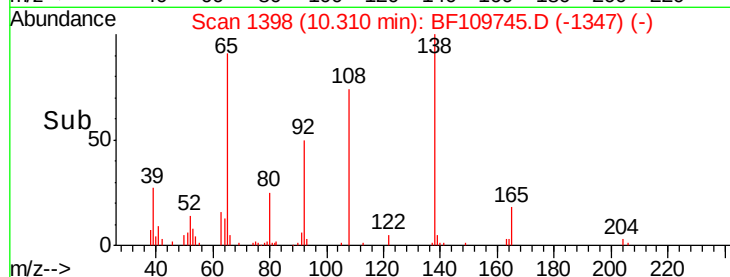
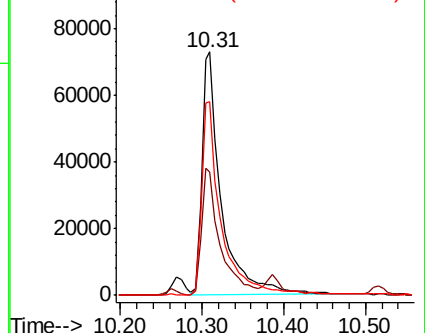
108 79.5 59.3 99.3



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: 45.261 ng

RT: 10.43 min Scan# 1418

Delta R.T. -0.00 min

Lab File: BF109745.D

Acq: 10 Oct 2018 16:32

Tgt Ion: 77 Resp: 513113

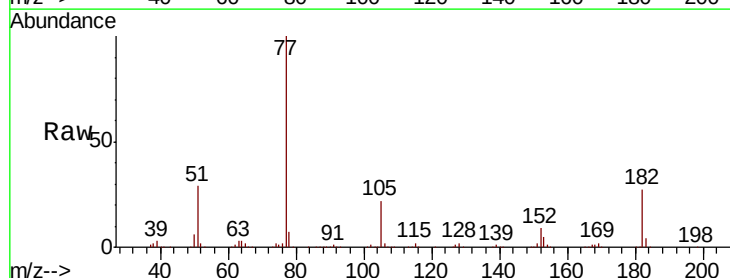
Ion Ratio Lower Upper

77 100

182 27.4 4.3 44.3

105 21.6 1.3 41.3

51 28.7 9.0 49.0

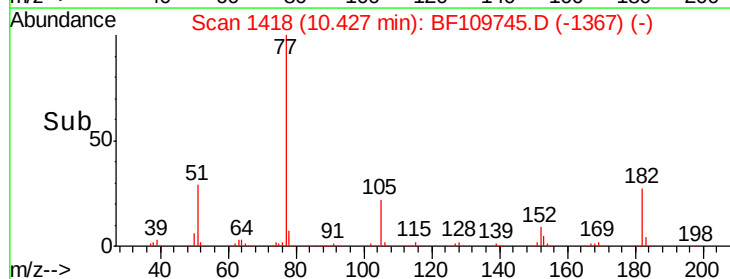
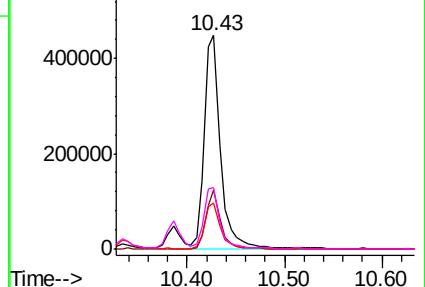


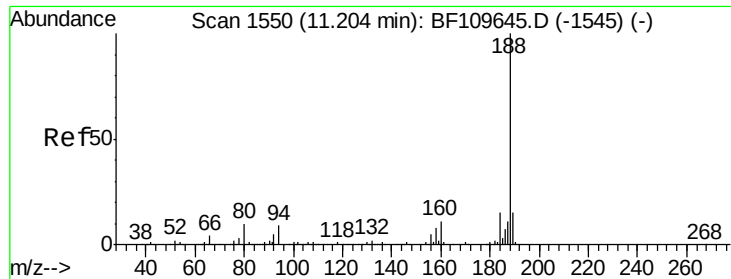
Abundance Ion 77.00 (76.70 to 77.70): BF1

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

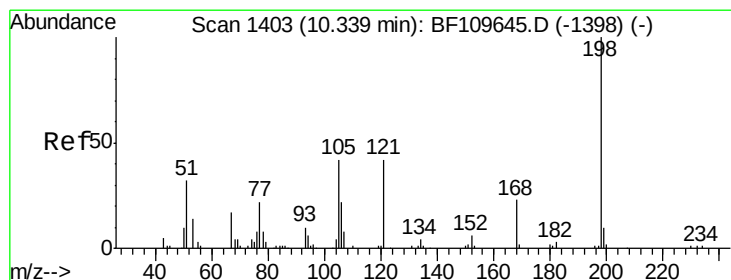
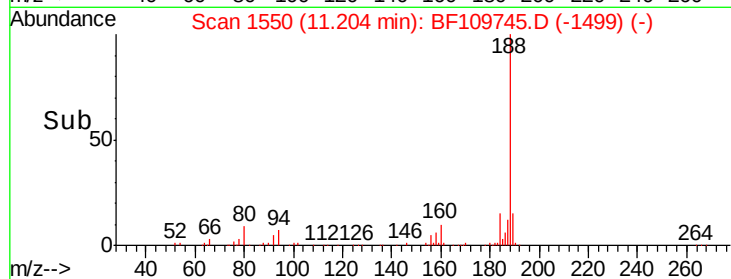
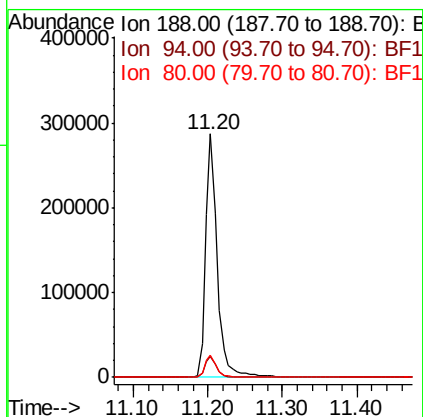
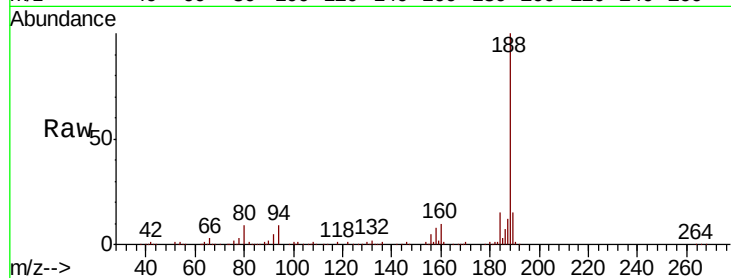




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1550
Delta R.T. -0.00 min
Lab File: BF109745.D
Acq: 10 Oct 2018 16:32

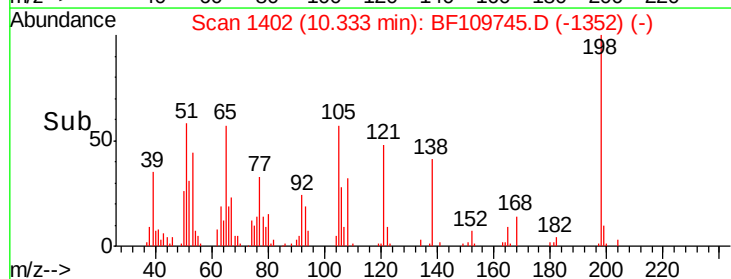
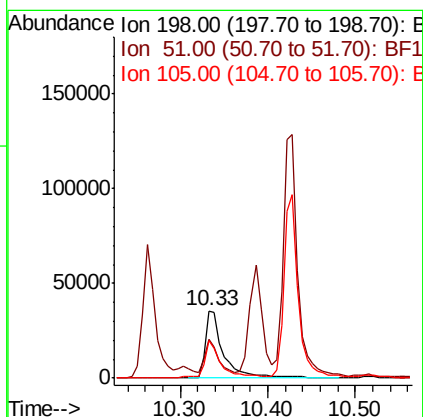
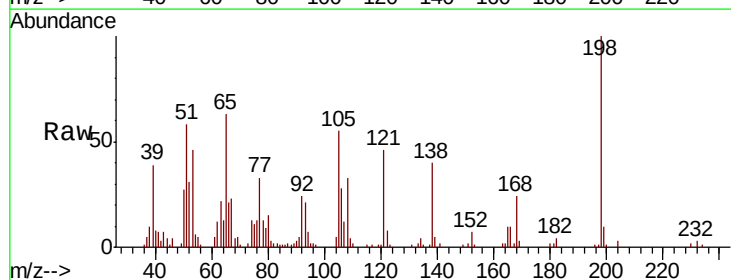
Instrument :
BNA_F
ClientSampleId :

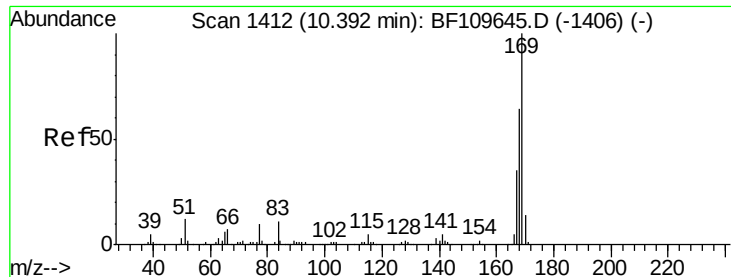
Tot Ion:188 Resp: 313715
Ion Ratio Lower Upper
188 100
94 8.7 7.2 10.8
80 9.2 7.9 11.9



#64
4,6-Dinitro-2-methylphenol
Concen: 33.699 ng
RT: 10.33 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF109745.D
Acq: 10 Oct 2018 16:32

Tgt Ion:198 Resp: 51456
Ion Ratio Lower Upper
198 100
51 58.0 22.8 62.8
105 55.0 23.6 63.6

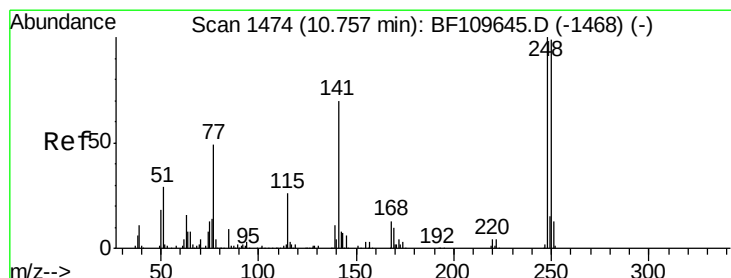
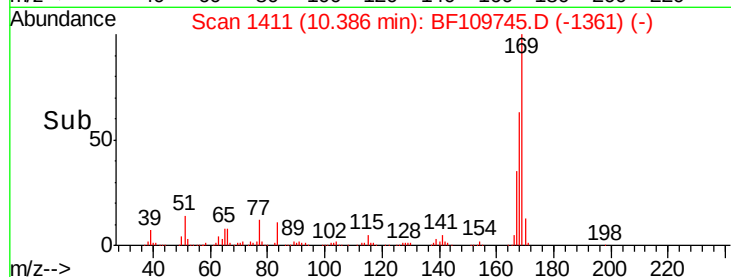
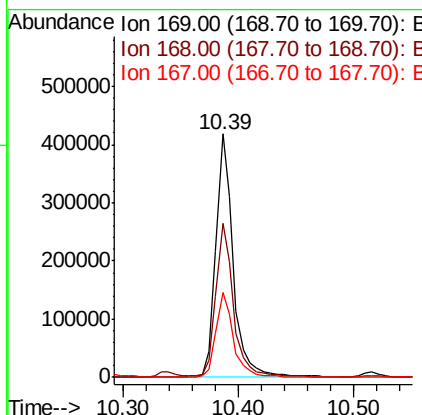
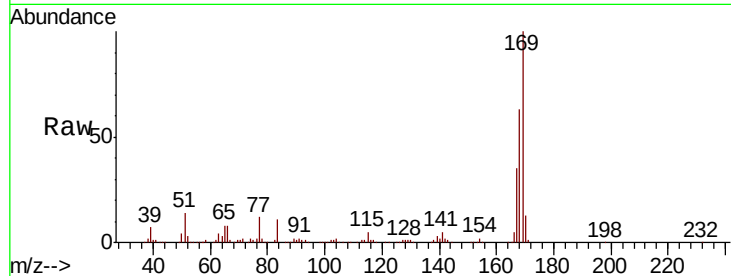




#65
 n-Nitrosodiphenylamine
 Concen: 40.913 ng
 RT: 10.39 min Scan# 1411
 Delta R.T. -0.01 min
 Lab File: BF109745.D
 Acq: 10 Oct 2018 16:32

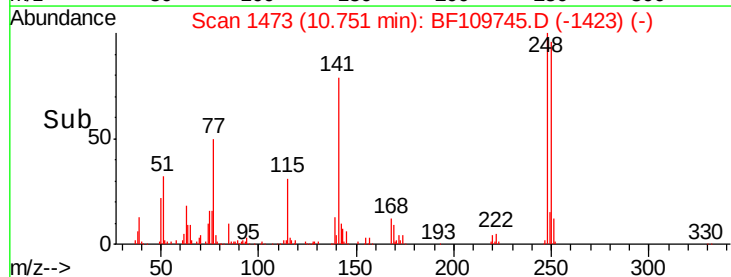
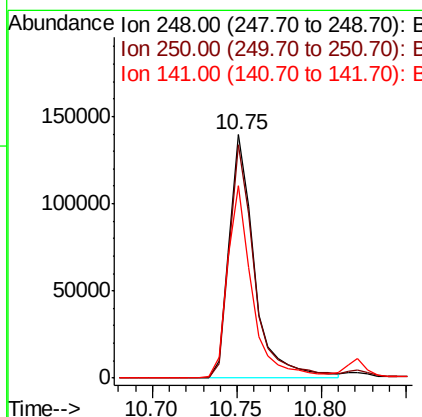
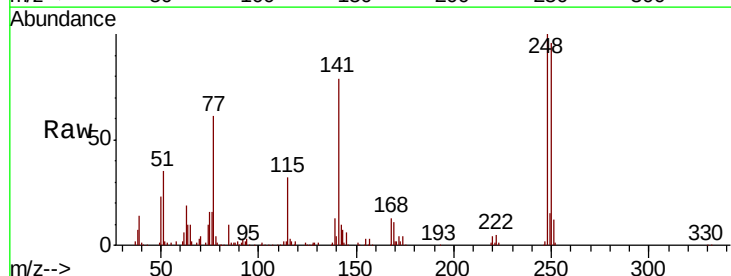
Instrument :
 BNA_F
 ClientSampleId :

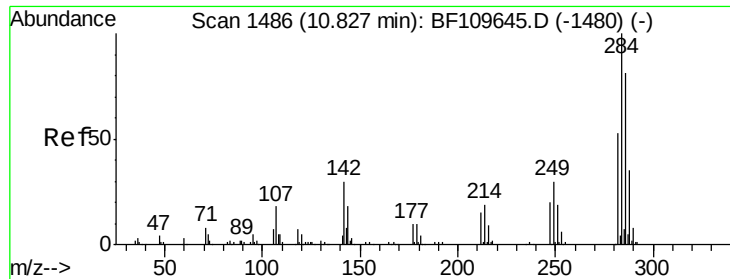
Tot Ion:169 Resp: 435112
 Ion Ratio Lower Upper
 169 100
 168 63.2 51.2 76.8
 167 35.1 27.8 41.6



#66
 4-Bromophenyl-phenylether
 Concen: 40.226 ng
 RT: 10.75 min Scan# 1473
 Delta R.T. -0.01 min
 Lab File: BF109745.D
 Acq: 10 Oct 2018 16:32

Tgt Ion:248 Resp: 145000
 Ion Ratio Lower Upper
 248 100
 250 96.0 79.4 119.2
 141 79.2 55.9 83.9





#67

Hexachlorobenzene

Concen: 40.082 ng

RT: 10.82 min Scan# 1485

Delta R.T. -0.01 min

Lab File: BF109745.D

Acq: 10 Oct 2018 16:32

Instrument :

BNA_F

ClientSampled :

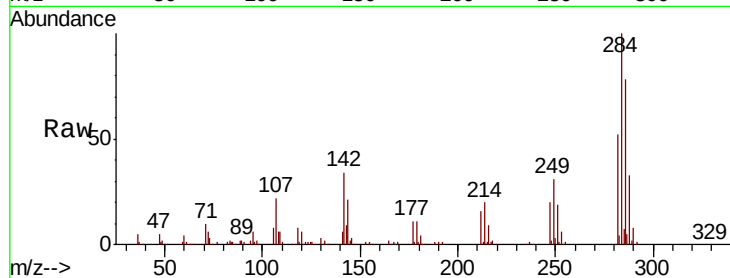
Tot Ion:284 Resp: 156453

Ion Ratio Lower Upper

284 100

142 33.5 23.9 35.9

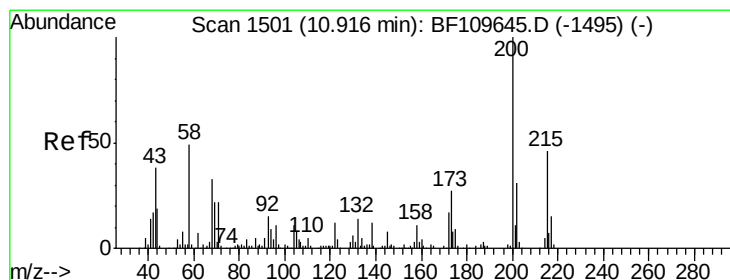
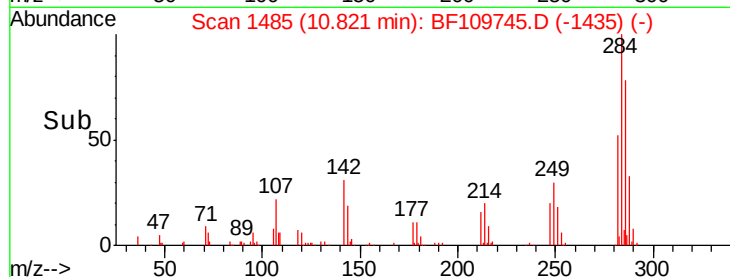
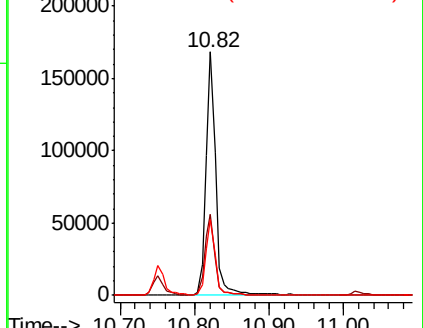
249 31.0 24.2 36.2



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: 42.129 ng

RT: 10.92 min Scan# 1501

Delta R.T. -0.00 min

Lab File: BF109745.D

Acq: 10 Oct 2018 16:32

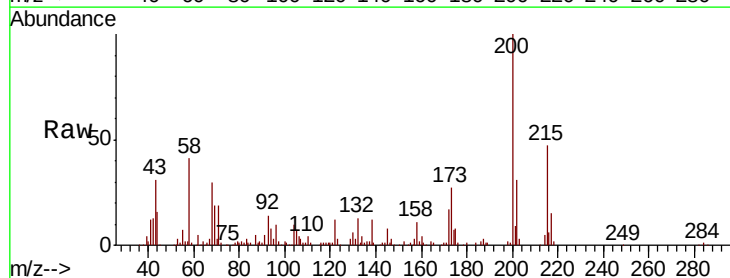
Tgt Ion:200 Resp: 139827

Ion Ratio Lower Upper

200 100

173 26.9 6.6 46.6

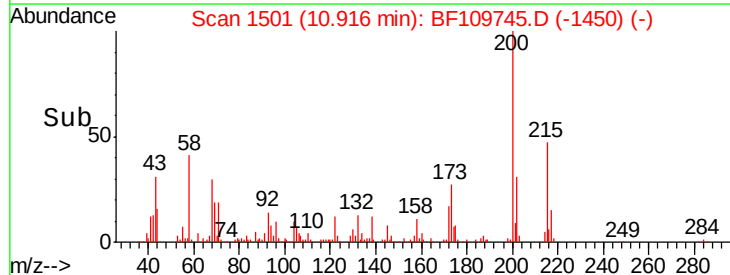
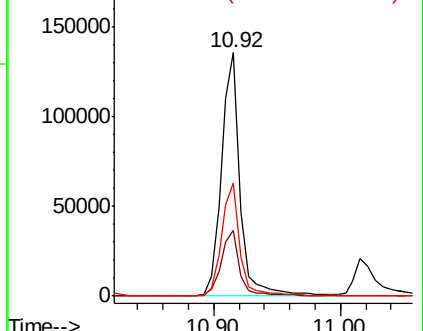
215 46.5 26.3 66.3

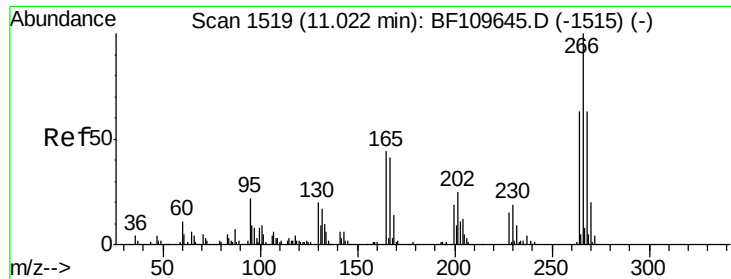


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

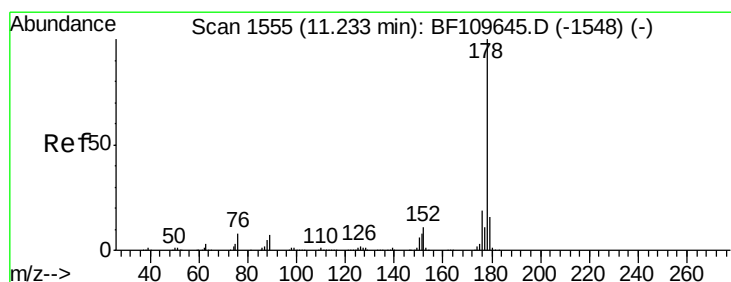
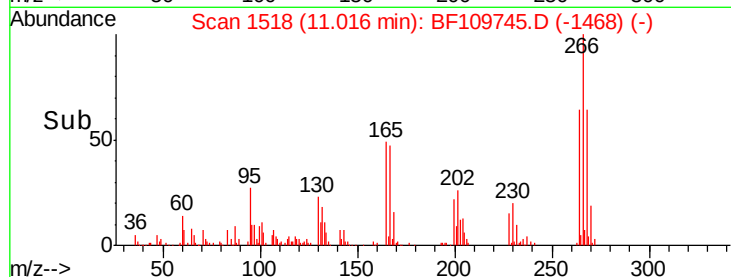
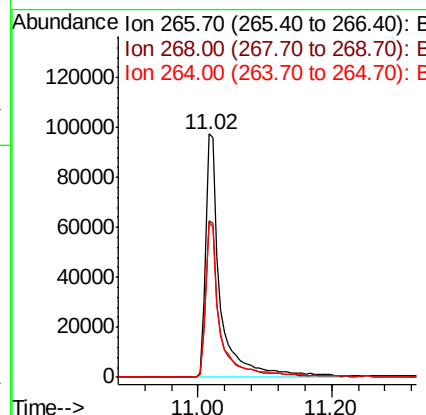
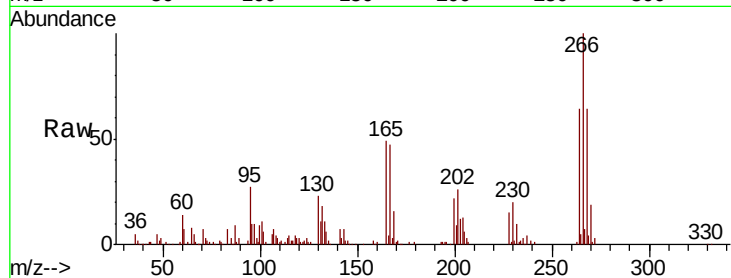




#69
 Pentachlorophenol
 Concen: 66.975 ng
 RT: 11.02 min Scan# 1518
 Delta R.T. -0.01 min
 Lab File: BF109745.D
 Acq: 10 Oct 2018 16:32

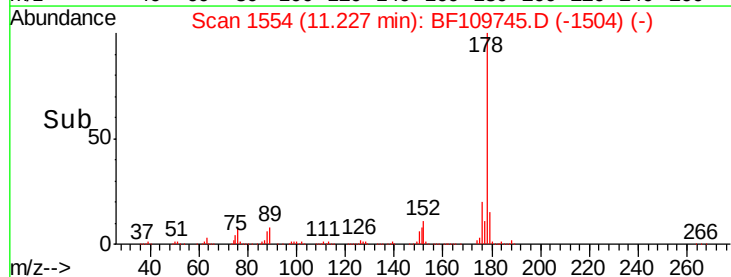
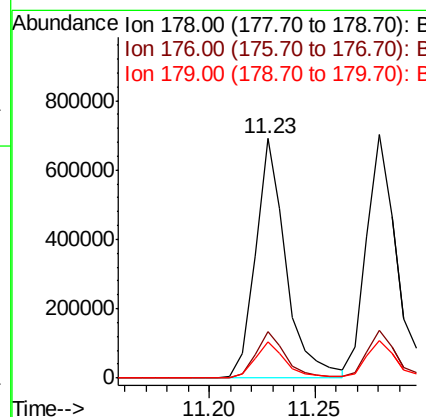
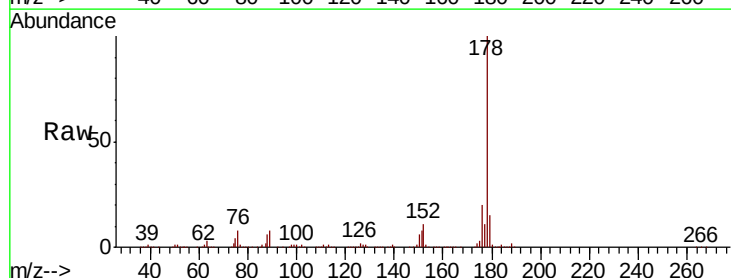
Instrument :
 BNA_F
 ClientSampleId :

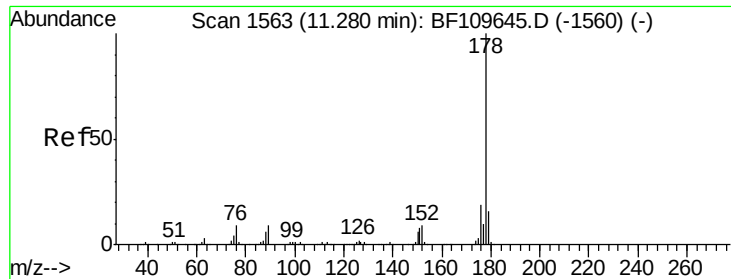
Tot Ion	Ratio	Lower	Upper
266	100		
268	64.3	50.6	75.8
264	63.7	50.6	75.8



#70
 Phenanthrene
 Concen: 44.131 ng
 RT: 11.23 min Scan# 1554
 Delta R.T. -0.01 min
 Lab File: BF109745.D
 Acq: 10 Oct 2018 16:32

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.5	23.3
179	15.1	12.5	18.7

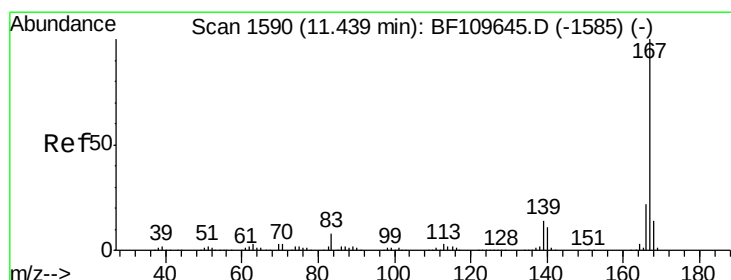
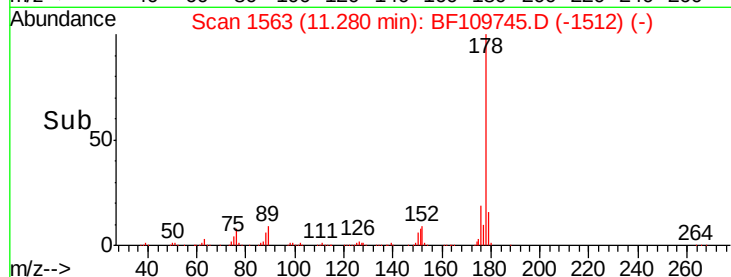
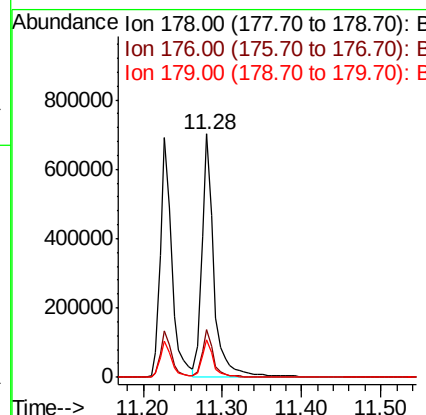
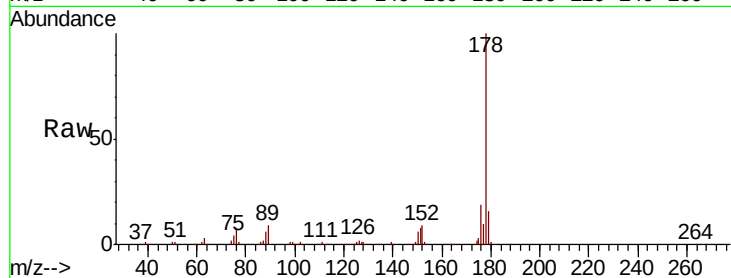




#71
 Anthracene
 Concen: 46.529 ng
 RT: 11.28 min Scan# 1563
 Delta R.T. -0.00 min
 Lab File: BF109745.D
 Acq: 10 Oct 2018 16:32

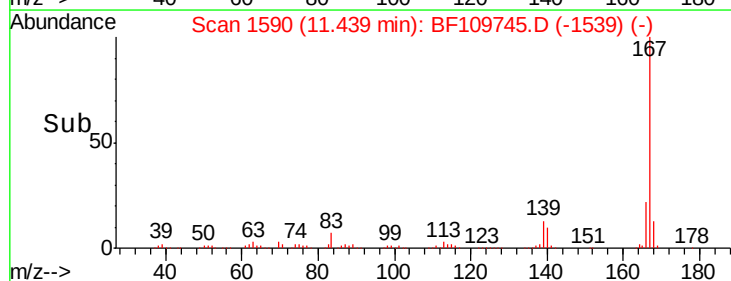
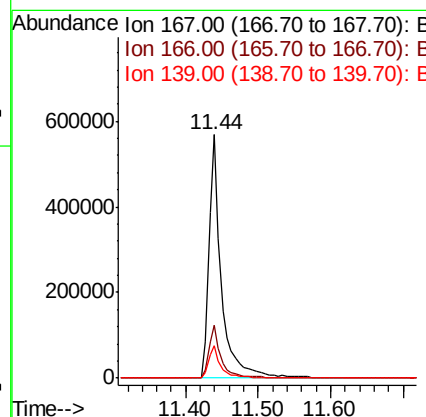
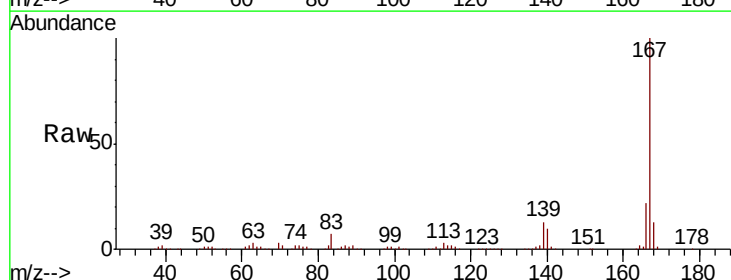
Instrument :
 BNA_F
 ClientSampled :

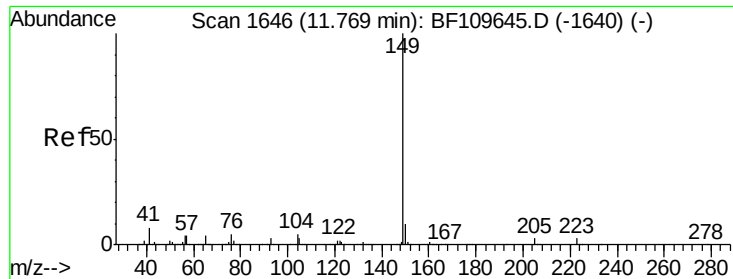
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.2
179	15.6	12.6	18.8



#72
 Carbazole
 Concen: 43.188 ng
 RT: 11.44 min Scan# 1590
 Delta R.T. -0.00 min
 Lab File: BF109745.D
 Acq: 10 Oct 2018 16:32

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.4	26.0
139	13.1	10.9	16.3

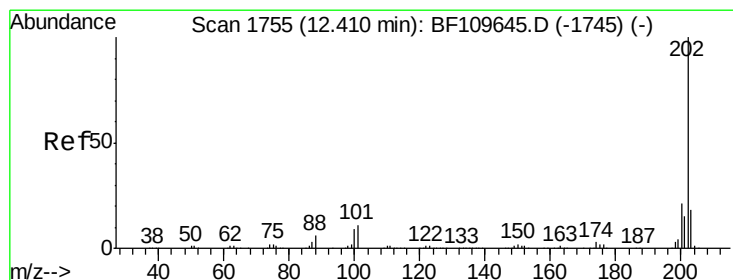
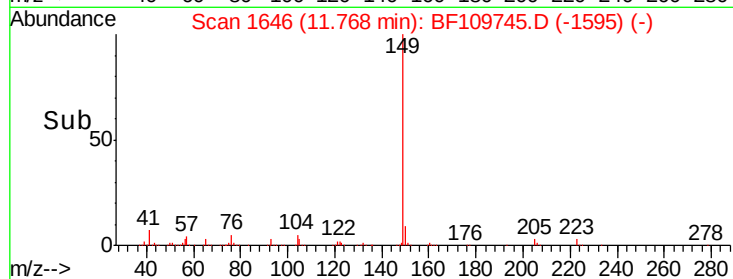
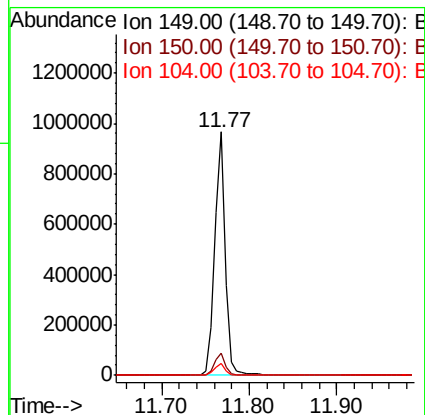
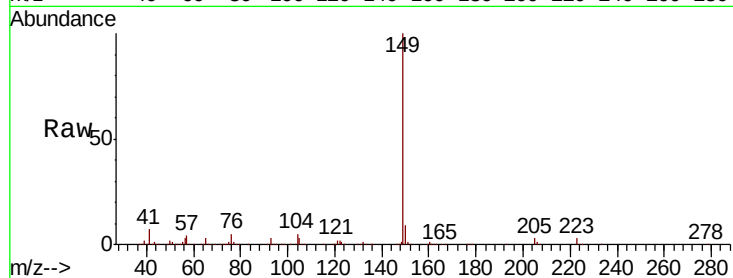




#73
Di-n-butylphthalate
Concen: 44.656 ng
RT: 11.77 min Scan# 1646
Delta R.T. -0.00 min
Lab File: BF109745.D
Acq: 10 Oct 2018 16:32

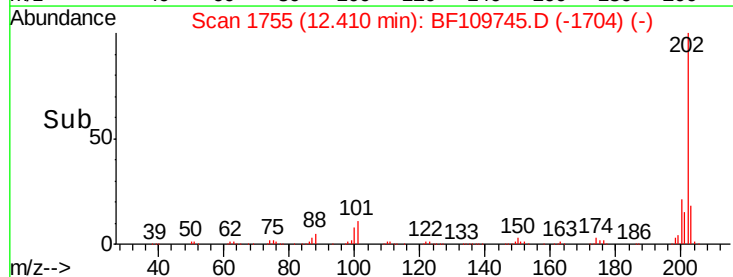
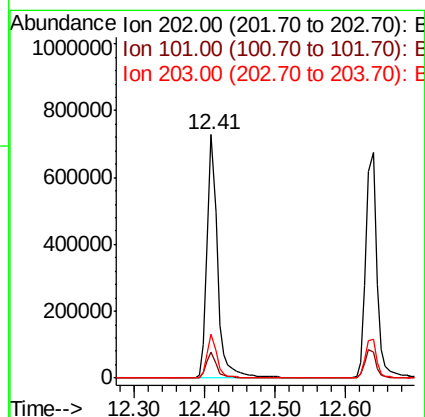
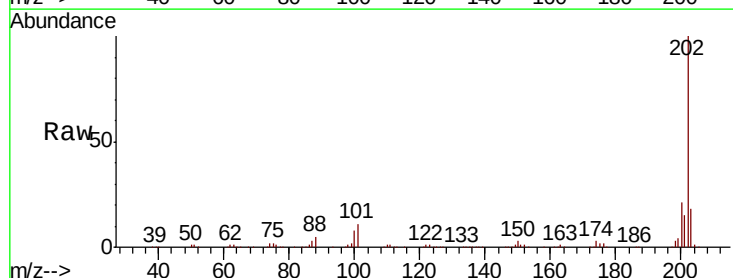
Instrument :
BNA_F
ClientSampleId :

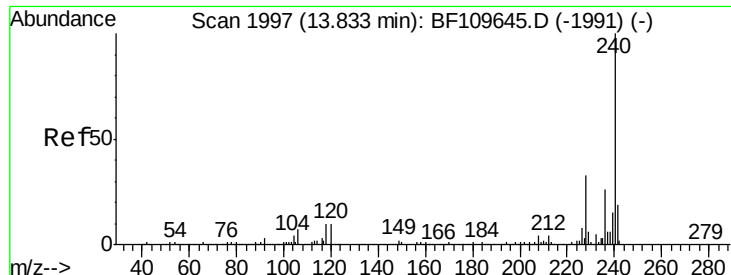
Tot Ion:149 Resp: 815248
Ion Ratio Lower Upper
149 100
150 9.2 7.7 11.5
104 5.1 4.2 6.4



#74
Fluoranthene
Concen: 46.074 ng
RT: 12.41 min Scan# 1755
Delta R.T. -0.00 min
Lab File: BF109745.D
Acq: 10 Oct 2018 16:32

Tgt Ion:202 Resp: 755669
Ion Ratio Lower Upper
202 100
101 10.7 0.0 31.4
203 18.2 0.0 37.7





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.83 min Scan# 1997

Delta R.T. -0.00 min

Lab File: BF109745.D

Acq: 10 Oct 2018 16:32

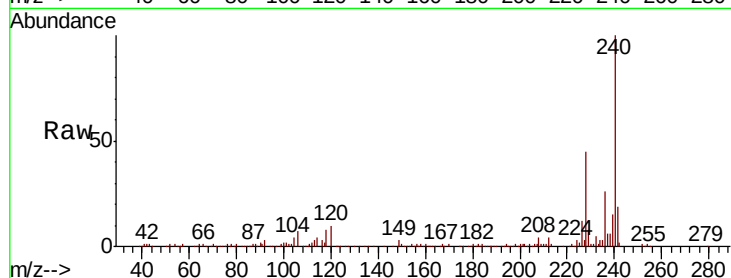
Instrument :

BNA_F

ClientSampleId :

Tot Ion:240 Resp: 227009

Ion	Ratio	Lower	Upper
240	100		
120	9.6	8.3	12.5
236	25.6	21.2	31.8

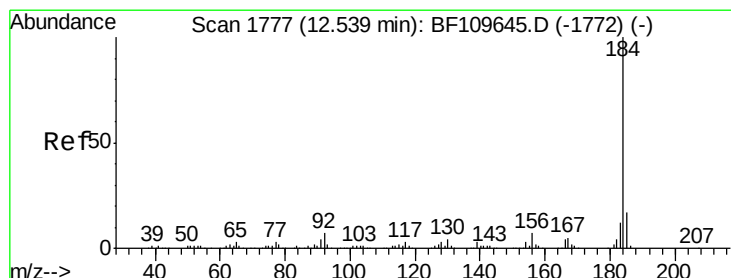
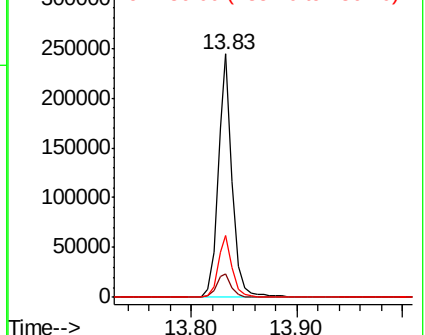
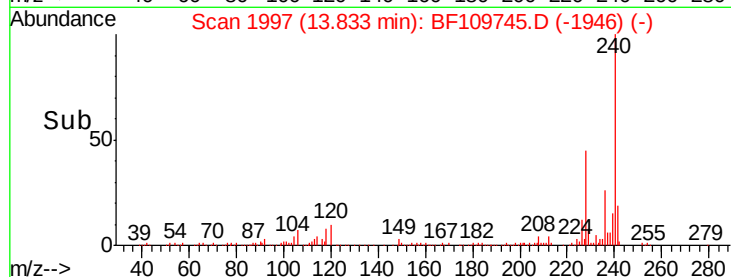


Abundance

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: 52.271 ng

RT: 12.54 min Scan# 1777

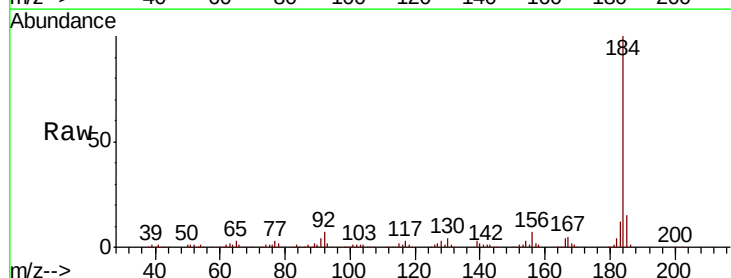
Delta R.T. -0.00 min

Lab File: BF109745.D

Acq: 10 Oct 2018 16:32

Tgt Ion:184 Resp: 440798

Ion	Ratio	Lower	Upper
184	100		
185	15.0	13.4	20.2
183	11.7	9.4	14.2

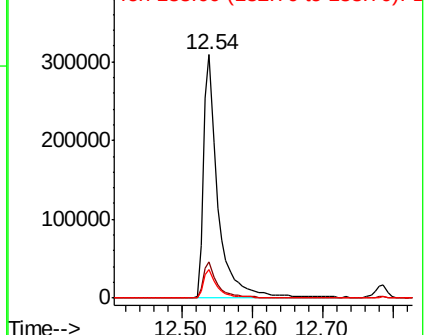
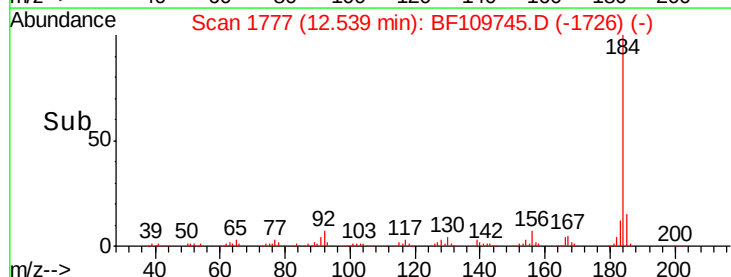


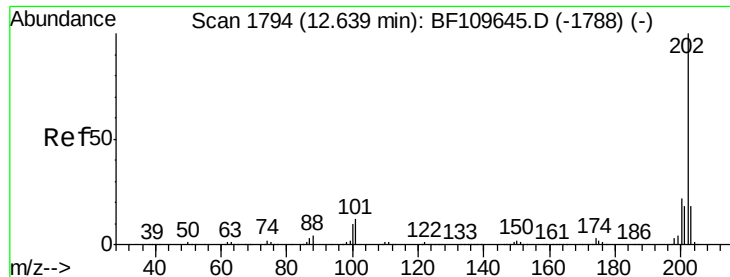
Abundance

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

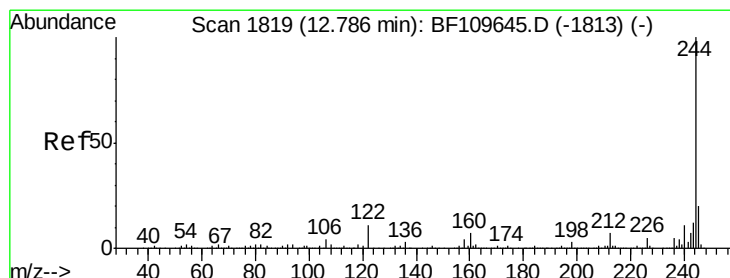
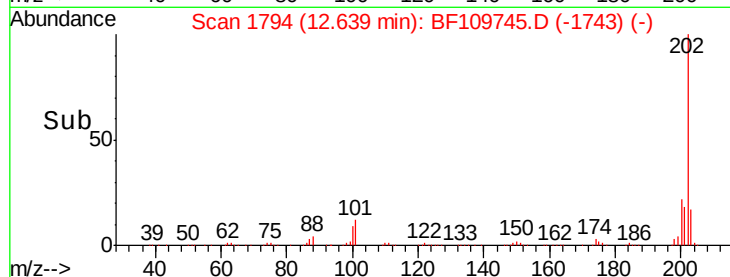
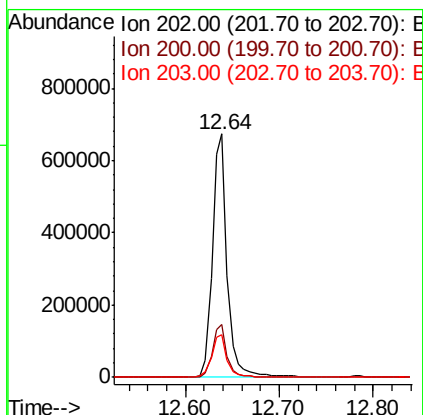
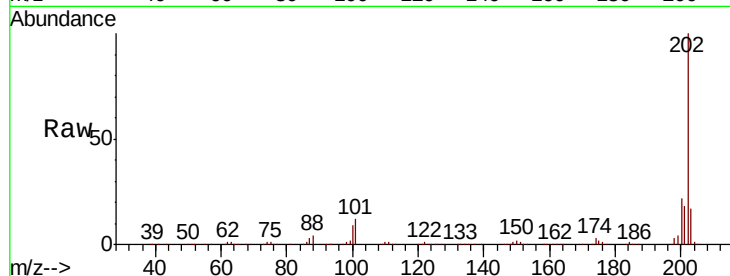




#77
Pvrene
Concen: 44.717 ng
RT: 12.64 min Scan# 1794
Delta R.T. -0.00 min
Lab File: BF109745.D
Acq: 10 Oct 2018 16:32

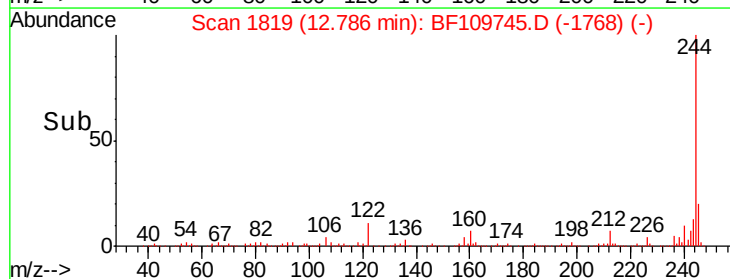
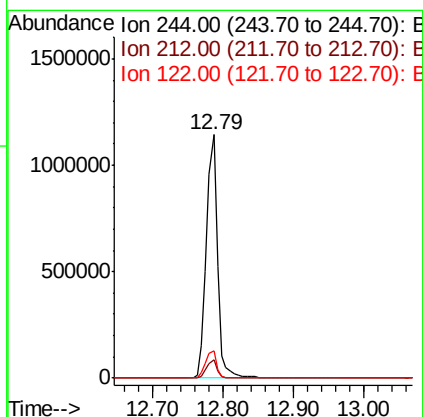
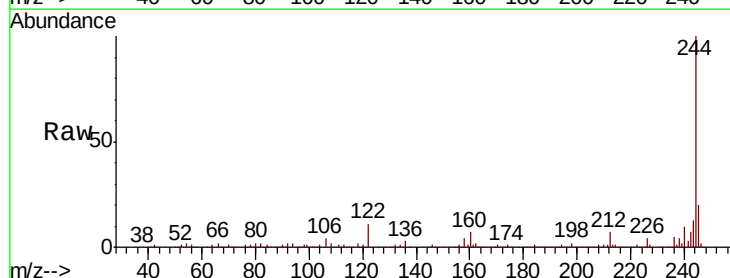
Instrument :
BNA_F
ClientSampleId :

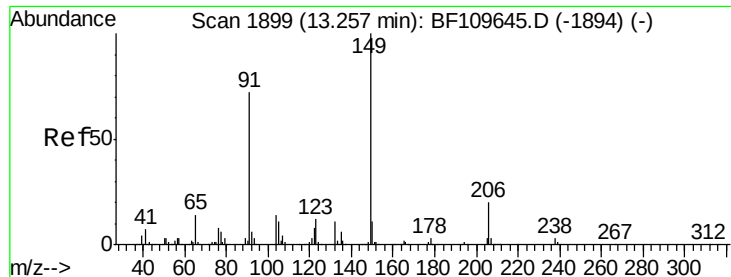
Tot Ion:202 Resp: 743740
Ion Ratio Lower Upper
202 100
200 21.9 17.8 26.6
203 17.4 14.2 21.4



#78
Terphenyl-d14
Concen: 107.711 ng
RT: 12.79 min Scan# 1819
Delta R.T. 0.00 min
Lab File: BF109745.D
Acq: 10 Oct 2018 16:32

Tgt Ion:244 Resp: 1263093
Ion Ratio Lower Upper
244 100
212 7.3 5.8 8.8
122 11.4 8.7 13.1

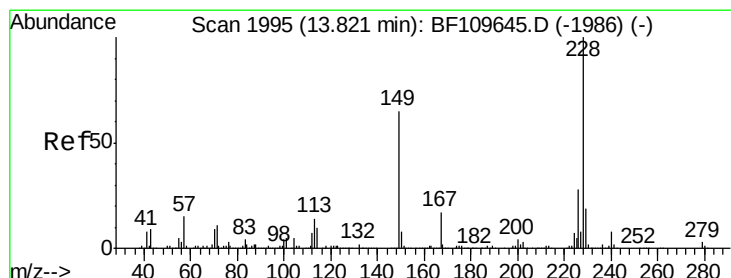
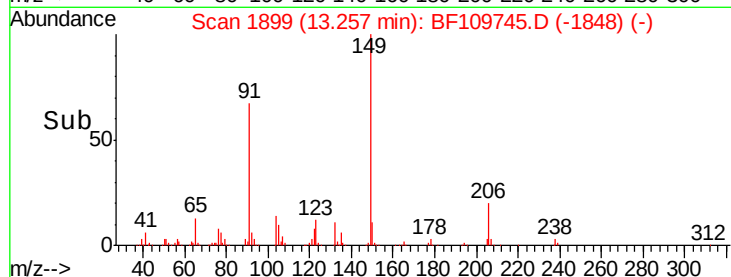
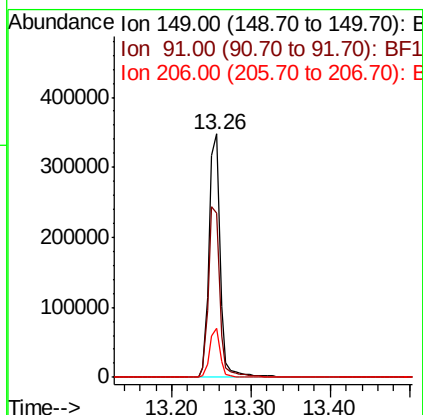
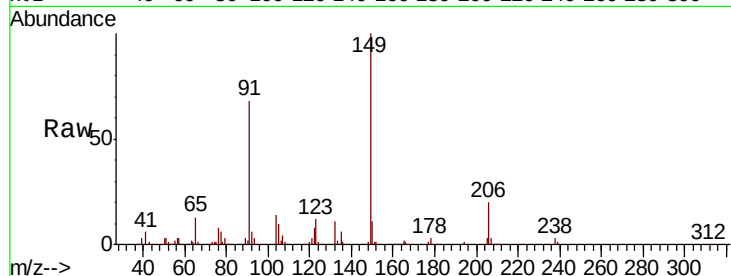




#79
Butylbenzylphthalate
Concen: 47.322 ng
RT: 13.26 min Scan# 1899
Delta R.T. -0.00 min
Lab File: BF109745.D
Acq: 10 Oct 2018 16:32

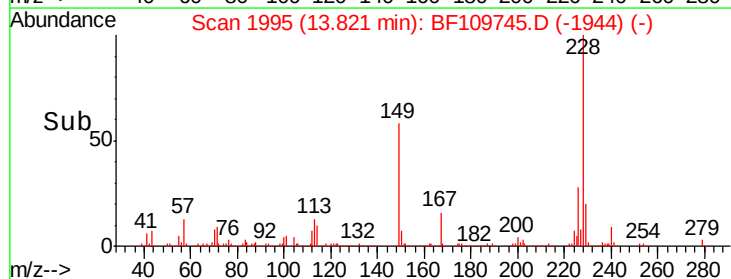
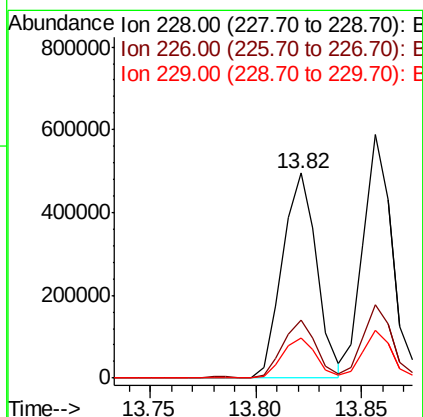
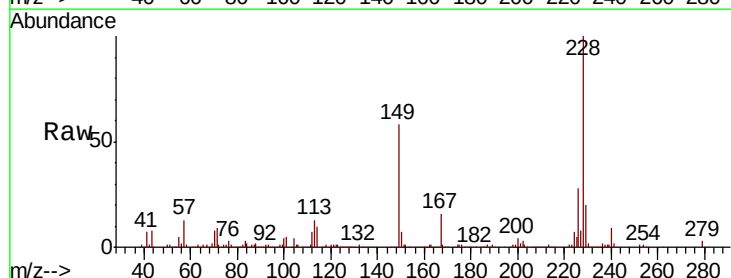
Instrument :
BNA_F
ClientSampleId :

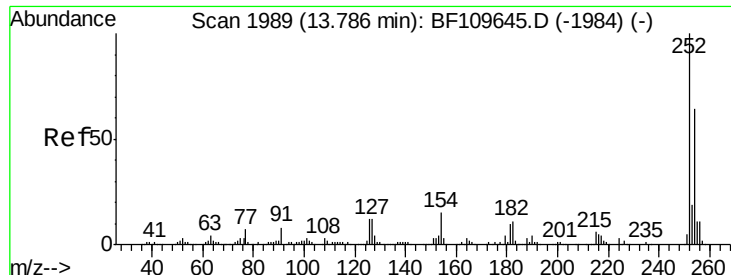
Tot Ion	Ratio	Lower	Upper
149	100		
91	67.6	57.2	85.8
206	20.0	15.7	23.5



#80
Benzo(a)anthracene
Concen: 44.939 ng
RT: 13.82 min Scan# 1995
Delta R.T. -0.00 min
Lab File: BF109745.D
Acq: 10 Oct 2018 16:32

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.1	33.1
229	19.6	15.6	23.4

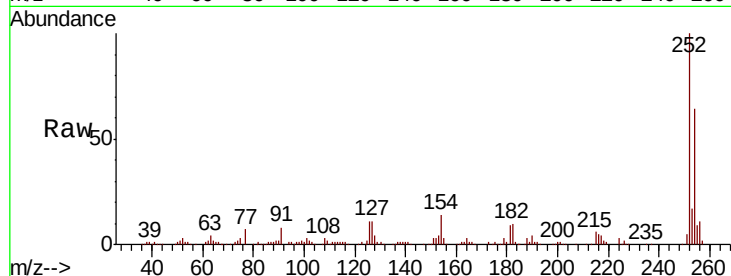




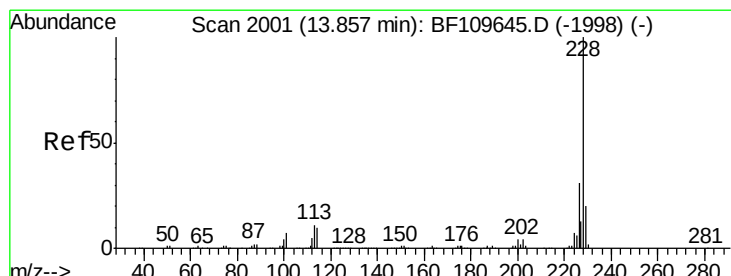
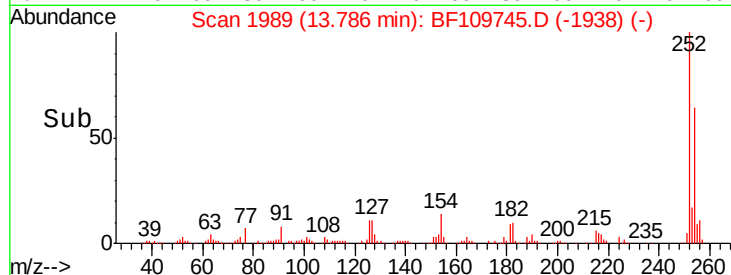
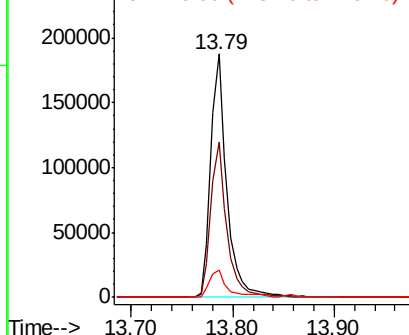
#81
 3,3'-Dichlorobenzidine
 Concen: 41.250 ng
 RT: 13.79 min Scan# 1989
 Delta R.T. -0.00 min
 Lab File: BF109745.D
 Acq: 10 Oct 2018 16:32

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:252 Resp: 208071
 Ion Ratio Lower Upper
 252 100
 254 64.0 51.3 76.9
 126 11.0 9.4 14.2

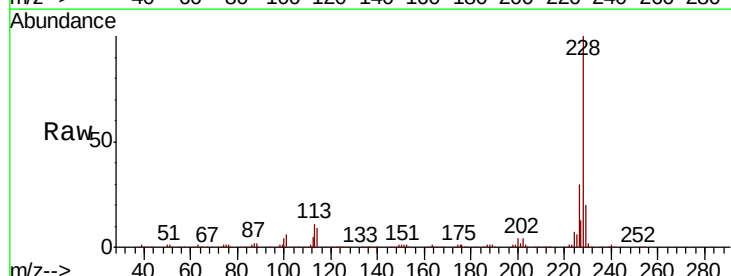


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

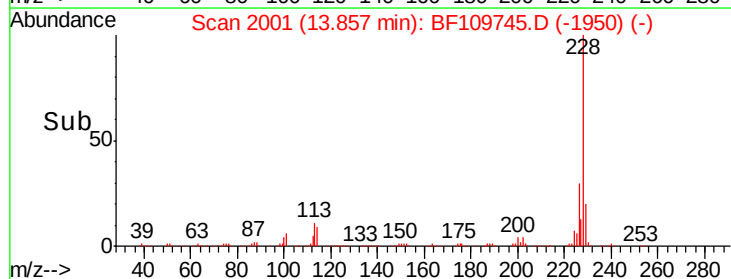
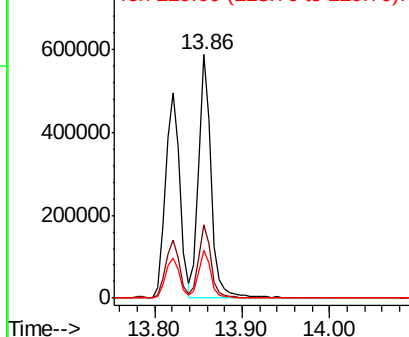


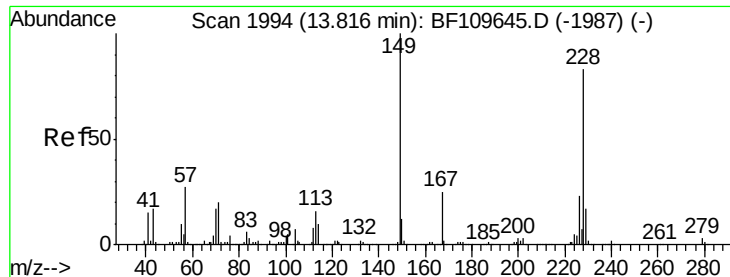
#82
 Chrysene
 Concen: 44.877 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. -0.00 min
 Lab File: BF109745.D
 Acq: 10 Oct 2018 16:32

Tgt Ion:228 Resp: 590505
 Ion Ratio Lower Upper
 228 100
 226 30.4 24.7 37.1
 229 19.8 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: 50.277 ng

RT: 13.82 min Scan# 1994

Delta R.T. -0.00 min

Lab File: BF109745.D

Acq: 10 Oct 2018 16:32

Instrument :

BNA_F

ClientSampleId :

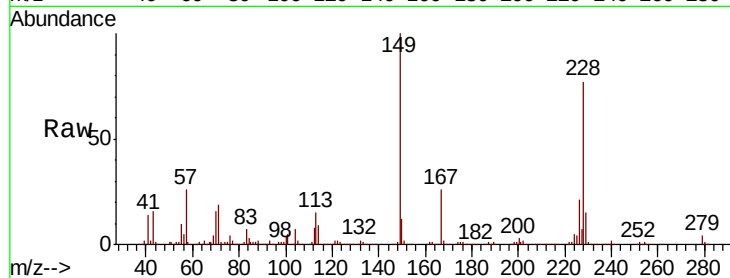
Tot Ion:149 Resp: 442320

Ion Ratio Lower Upper

149 100

167 25.7 19.8 29.8

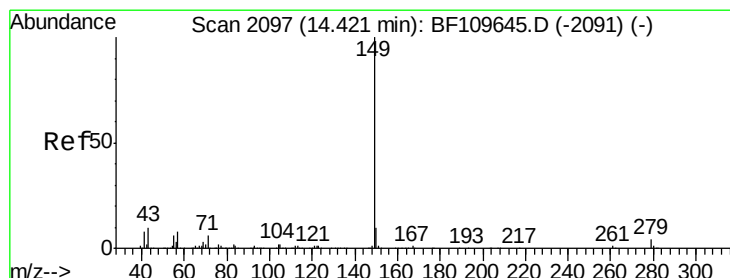
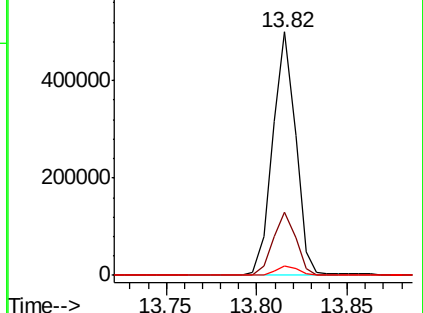
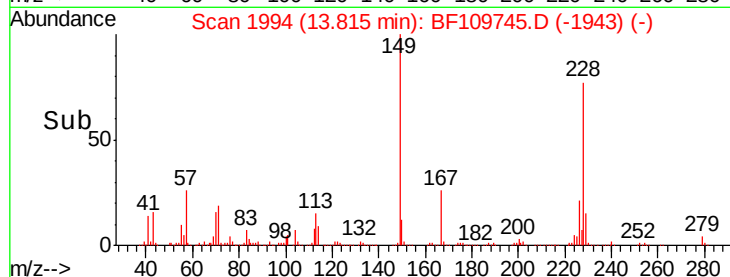
279 3.6 2.7 4.1



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: 52.711 ng

RT: 14.42 min Scan# 2097

Delta R.T. -0.00 min

Lab File: BF109745.D

Acq: 10 Oct 2018 16:32

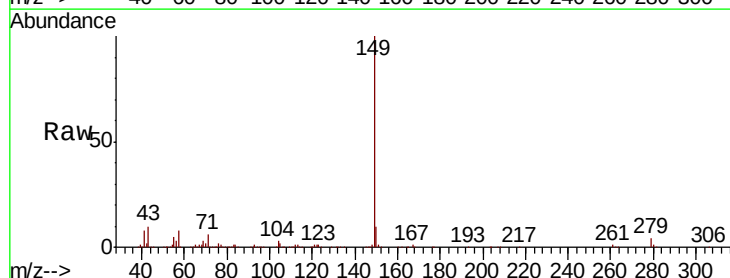
Tgt Ion:149 Resp: 732993

Ion Ratio Lower Upper

149 100

167 1.4 1.1 1.7

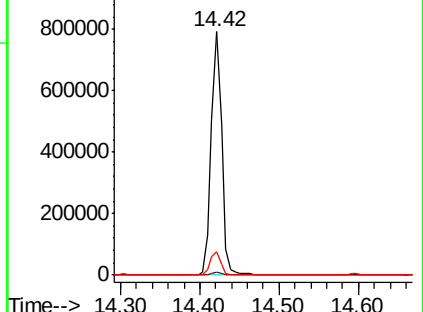
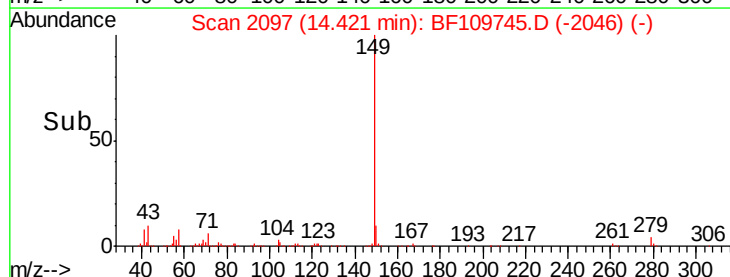
43 9.6 7.8 11.8

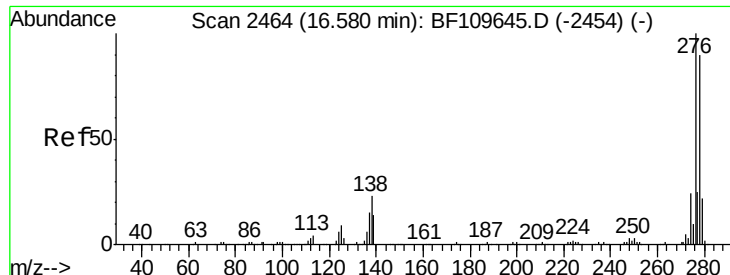


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

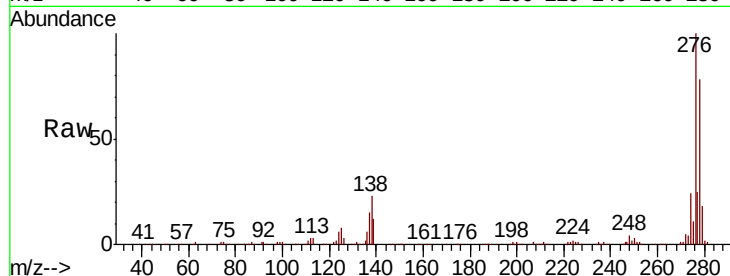




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 57.638 ng
 RT: 16.58 min Scan# 2464
 Delta R.T. -0.00 min
 Lab File: BF109745.D
 Acq: 10 Oct 2018 16:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.0	18.5	27.7
277	24.7	20.0	30.0

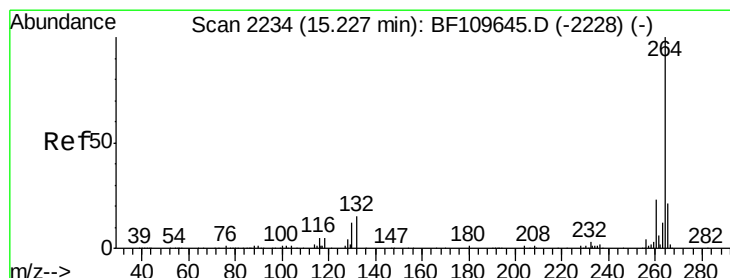
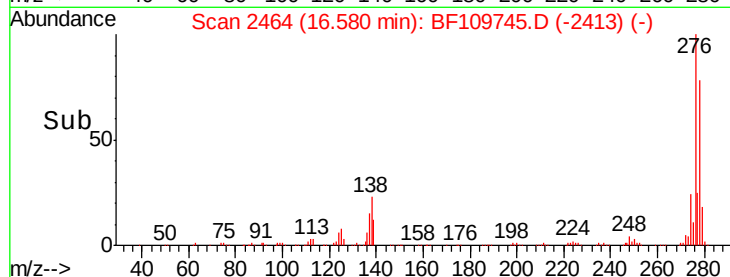
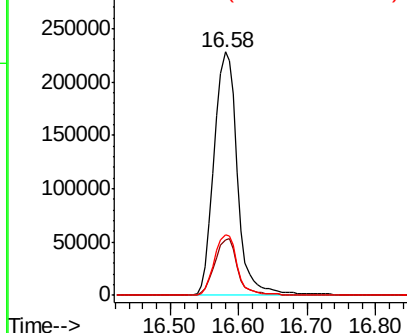


Abundance

Ion 276.00 (275.70 to 276.70): E

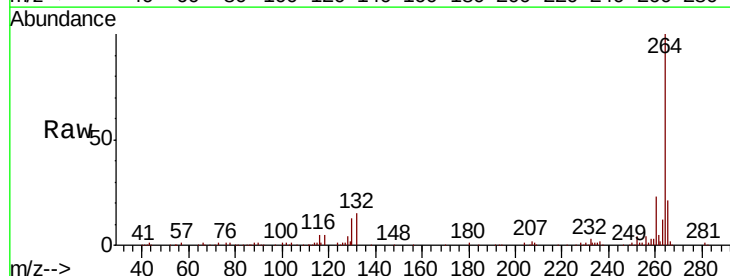
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.23 min Scan# 2234
 Delta R.T. -0.00 min
 Lab File: BF109745.D
 Acq: 10 Oct 2018 16:32

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.7	28.1
265	21.4	16.7	25.1

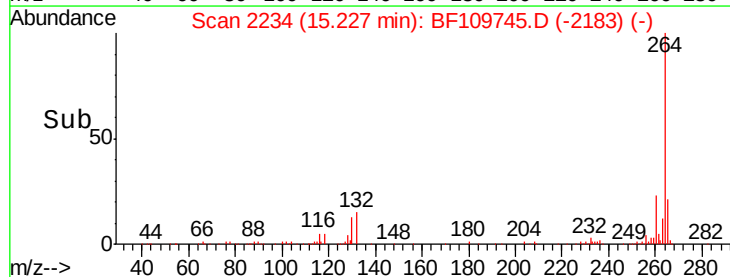
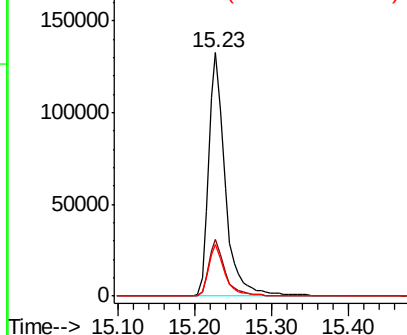


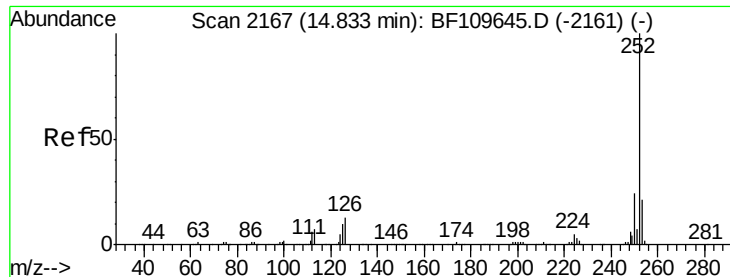
Abundance

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

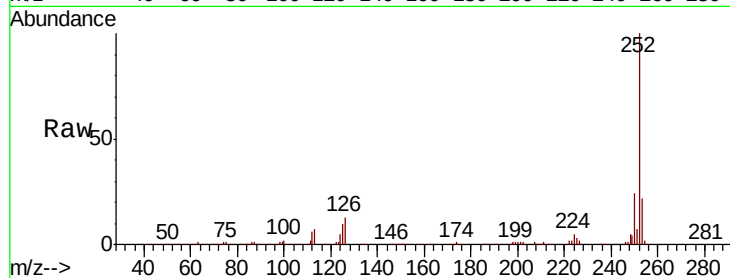




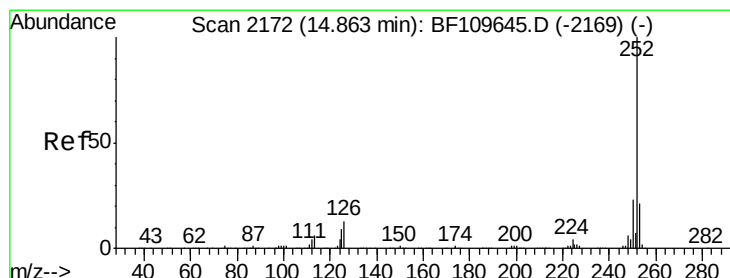
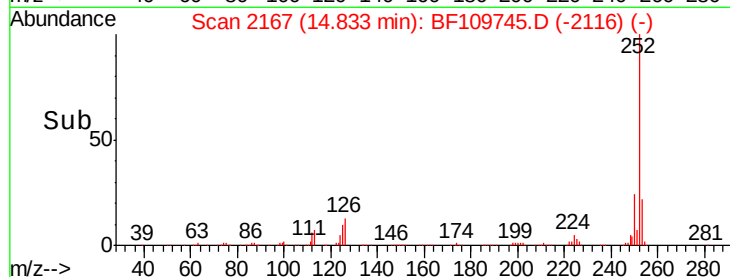
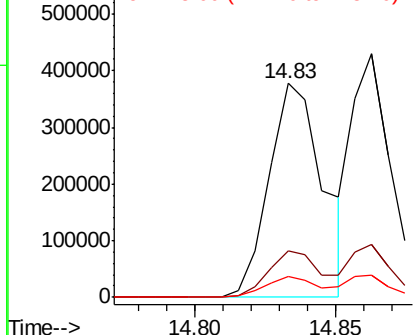
#87
Benzo(b)fluoranthene
Concen: 46.612 ng
RT: 14.83 min Scan# 2167
Delta R.T. -0.00 min
Lab File: BF109745.D
Acq: 10 Oct 2018 16:32

Instrument :
BNA_F
ClientSampled :

Tot Ion:252 Resp: 502703
Ion Ratio Lower Upper
252 100
253 21.8 17.2 25.8
125 9.7 8.2 12.4

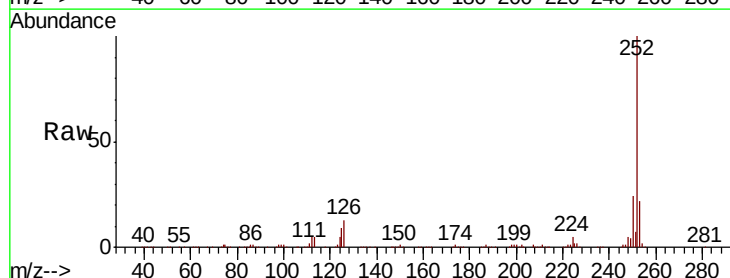


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

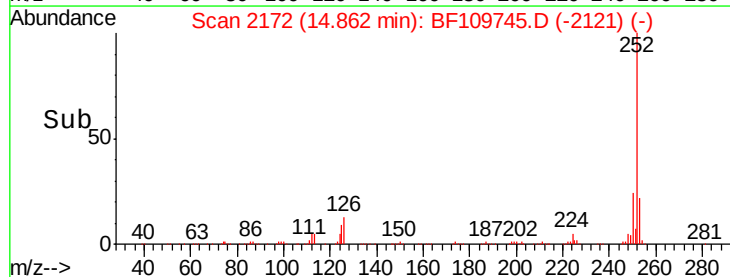
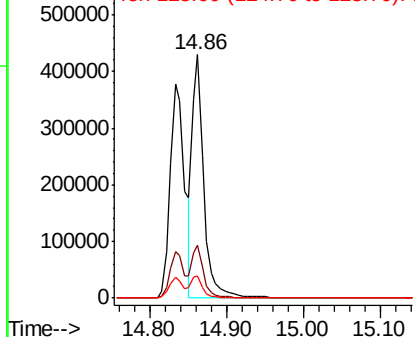


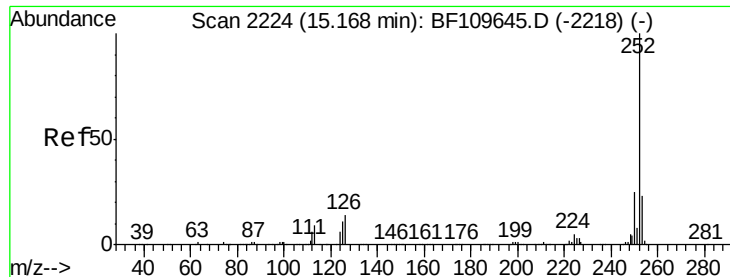
#88
Benzo(k)fluoranthene
Concen: 41.584 ng
RT: 14.86 min Scan# 2172
Delta R.T. -0.00 min
Lab File: BF109745.D
Acq: 10 Oct 2018 16:32

Tgt Ion:252 Resp: 450609
Ion Ratio Lower Upper
252 100
253 21.9 17.2 25.8
125 9.2 7.4 11.0



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





#89

Benzo(a)pyrene

Concen: 46.295 ng

RT: 15.17 min Scan# 2225

Delta R.T. 0.01 min

Lab File: BF109745.D

Acq: 10 Oct 2018 16:32

Instrument :

BNA_F

ClientSampleId :

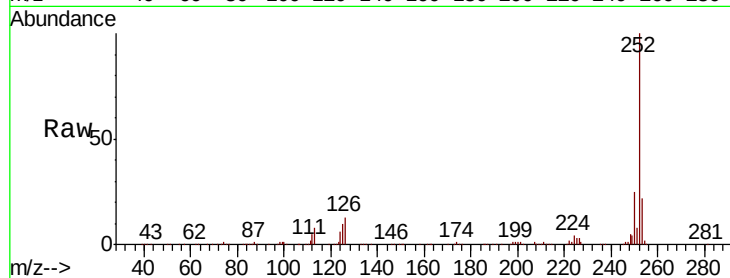
Tot Ion:252 Resp: 453093

Ion Ratio Lower Upper

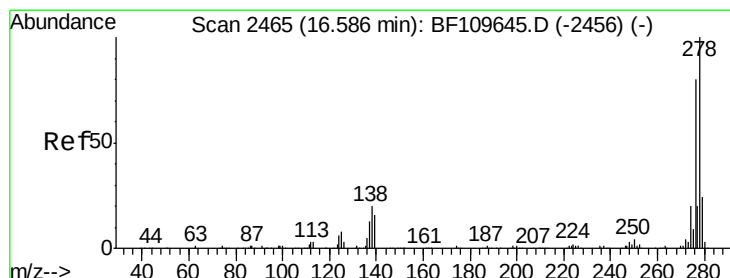
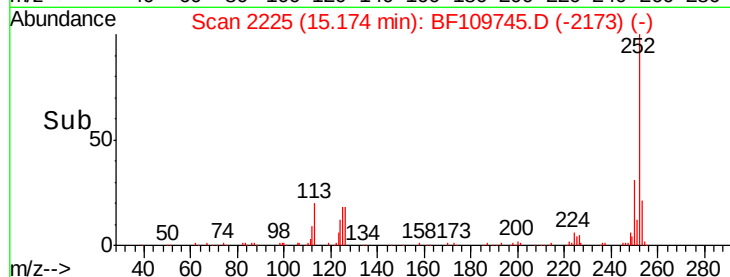
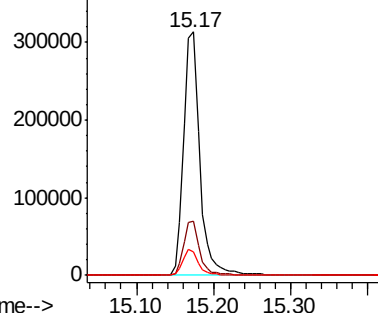
252 100

253 22.0 18.2 27.4

125 9.8 9.0 13.6



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



#90

Dibenzo(a,h)anthracene

Concen: 56.197 ng

RT: 16.59 min Scan# 2466

Delta R.T. 0.01 min

Lab File: BF109745.D

Acq: 10 Oct 2018 16:32

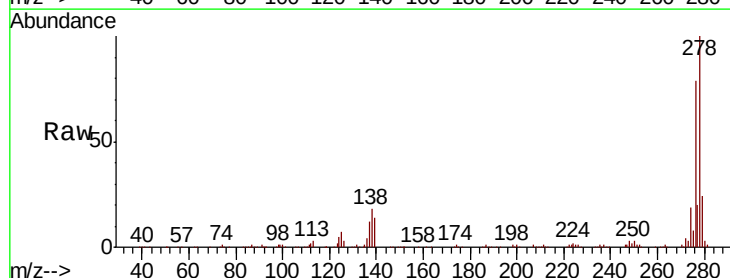
Tgt Ion:278 Resp: 451706

Ion Ratio Lower Upper

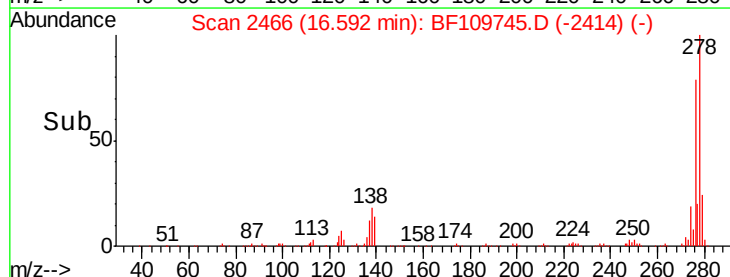
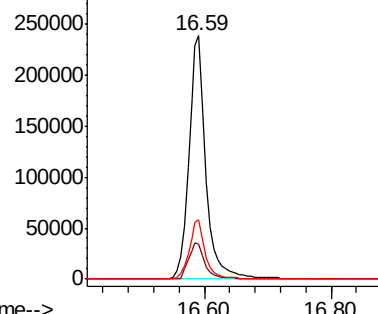
278 100

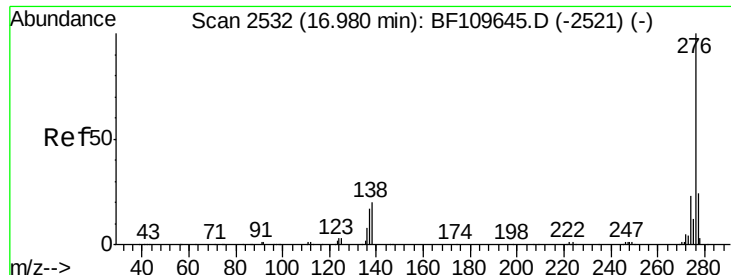
139 14.3 12.7 19.1

279 24.2 19.0 28.4



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E

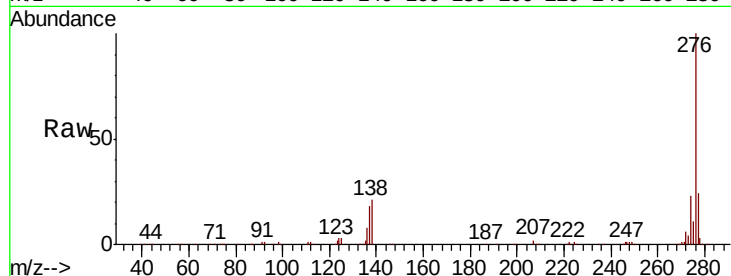




#91
 Benzo(a,h,i)perylene
 Concen: 58.378 ng
 RT: 16.98 min Scan# 2532
 Delta R.T. -0.00 min
 Lab File: BF109745.D
 Acq: 10 Oct 2018 16:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	276	Resp:	468572
Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.8	28.2
138	20.9	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

