

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101218\
 Data File : BF109829.D
 Acq On : 12 Oct 2018 13:12
 Operator : JU/SJ
 Sample : PB113751BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 12 13:47:47 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	84210	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	366181	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	177715	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	338239	20.00	ng	0.00
75) Chrysene-d12	13.83	240	242000	20.00	ng	0.00
86) Perylene-d12	15.23	264	194639	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.33	112	644320	135.81	ng	0.00
7) Phenol-d6	6.35	99	830412	131.03	ng	0.00
23) Nitrobenzene-d5	7.26	82	515333	77.58	ng	0.00
41) 2,4,6-Tribromophenol	10.52	330	231482	119.54	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	1008273	78.14	ng	0.00
78) Terphenyl-d14	12.78	244	795441	63.63	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.50	88	98304	39.482	ng	97
3) Pyridine	3.22	79	175595	34.184	ng	99
4) n-Nitrosodimethylamine	3.15	42	81757	44.095	ng	94
6) Aniline	6.36	93	241337	32.689	ng	# 65
8) 2-Chlorophenol	6.49	128	253500	43.447	ng	99
9) Benzaldehyde	6.25	77	104458	25.613	ng	99
10) Phenol	6.36	94	293645	40.407	ng	85
11) bis(2-Chloroethyl)ether	6.43	93	212635	35.293	ng	99
12) 1,3-Dichlorobenzene	6.63	146	270630	40.554	ng	99
13) 1,4-Dichlorobenzene	6.71	146	299201	41.131	ng	99
14) 1,2-Dichlorobenzene	6.86	146	263187	41.197	ng	100
15) Benzyl Alcohol	6.85	79	201276	42.839	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.97	45	324343	40.599	ng	97
17) 2-Methylphenol	6.96	107	198494	43.020	ng	94
18) Hexachloroethane	7.20	117	108090	42.038	ng	98
19) n-Nitroso-di-n-propylamine	7.12	70	182475	41.057	ng	98
20) 3+4-Methylphenols	7.12	107	241633	42.500	ng	95
22) Acetophenone	7.11	105	371350	41.937	ng	# 97
24) Nitrobenzene	7.28	77	270436	39.124	ng	99
25) Isophorone	7.52	82	499814	45.310	ng	100
26) 2-Nitrophenol	7.60	139	128045	39.603	ng	96
27) 2,4-Dimethylphenol	7.65	122	217934	46.677	ng	99
28) bis(2-Chloroethoxy)methane	7.73	93	313807	42.057	ng	99
29) 2,4-Dichlorophenol	7.85	162	218543	41.730	ng	99
30) 1,2,4-Trichlorobenzene	7.92	180	228560	39.424	ng	99
31) Naphthalene	8.00	128	775589	45.798	ng	99
32) Benzoic acid	7.80	122	121207	36.310	ng	94
33) 4-Chloroaniline	8.06	127	189887	25.462	ng	99
34) Hexachlorobutadiene	8.12	225	141057	39.132	ng	100
35) Caprolactam	8.43	113	34792	22.245	ng	95
36) 4-Chloro-3-methylphenol	8.55	107	234245	42.373	ng	99
37) 2-Methylnaphthalene	8.69	142	499772	45.053	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	235671	38.957	ng	99
40) Hexachlorocyclopentadiene	8.85	237	218000	82.092	ng	99

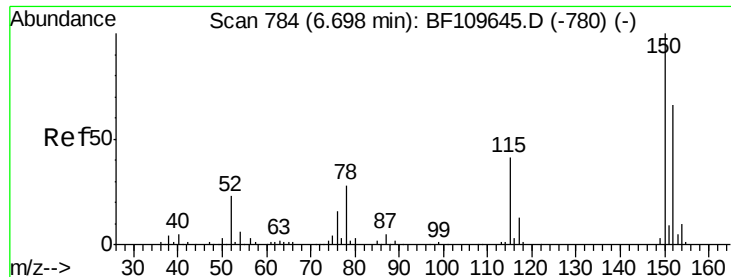
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101218\
 Data File : BF109829.D
 Acq On : 12 Oct 2018 13:12
 Operator : JU/SJ
 Sample : PB113751BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 12 13:47:47 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)
42) 2,4,6-Trichlorophenol	8.97	196	135610	37.499	ng	99
43) 2,4,5-Trichlorophenol	9.02	196	159384	38.331	ng	97
45) 1,1'-Biphenyl	9.15	154	621826	39.167	ng	99
46) 2-Chloronaphthalene	9.17	162	473084	39.774	ng	99
47) 2-Nitroaniline	9.28	65	147754	41.026	ng	95
48) Acenaphthylene	9.59	152	749565	43.227	ng	100
49) Dimethylphthalate	9.46	163	537077	41.207	ng	99
50) 2,6-Dinitrotoluene	9.52	165	117373	41.544	ng	92
51) Acenaphthene	9.76	154	416201	40.489	ng	100
52) 3-Nitroaniline	9.69	138	82764	26.133	ng	96
53) 2,4-Dinitrophenol	9.80	184	76275	83.678	ng	97
54) Dibenzofuran	9.93	168	628752	40.806	ng	100
55) 4-Nitrophenol	9.87	139	118987	68.639	ng	92
56) 2,4-Dinitrotoluene	9.93	165	146955	41.680	ng	90
57) Fluorene	10.27	166	500068	43.459	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.06	232	139850	41.375	ng	97
59) Diethylphthalate	10.15	149	523361	40.527	ng	99
60) 4-Chlorophenyl-phenylether	10.26	204	239805	39.503	ng	97
61) 4-Nitroaniline	10.31	138	114519	39.045	ng	98
62) Azobenzene	10.43	77	554230	42.263	ng	98
64) 4,6-Dinitro-2-methylphenol	10.34	198	57064	34.662	ng	97
65) n-Nitrosodiphenylamine	10.39	169	460939	40.199	ng	99
66) 4-Bromophenyl-phenylether	10.75	248	152526	39.246	ng	96
67) Hexachlorobenzene	10.82	284	161301	38.328	ng	# 91
68) Atrazine	10.92	200	144285	40.321	ng	99
69) Pentachlorophenol	11.02	266	152815	64.531	ng	98
70) Phenanthrene	11.23	178	718498	42.447	ng	100
71) Anthracene	11.28	178	782710	44.732	ng	99
72) Carbazole	11.44	167	681361	40.150	ng	99
73) Di-n-butylphthalate	11.77	149	798563	40.571	ng	99
74) Fluoranthene	12.41	202	770683	43.583	ng	99
76) Benzidine	12.54	184	363149	40.396	ng	97
77) Pyrene	12.64	202	751080	42.361	ng	99
79) Butylbenzylphthalate	13.25	149	325831	42.387	ng	96
80) Benzo(a)anthracene	13.82	228	570830	42.744	ng	99
81) 3,3'-Dichlorobenzidine	13.79	252	143164	26.624	ng	98
82) Chrysene	13.86	228	615310	43.865	ng	100
83) Bis(2-ethylhexyl)phthalate	13.82	149	399799	42.629	ng	99
84) Di-n-octyl phthalate	14.42	149	632725	42.682	ng	99
85) Indeno(1,2,3-cd)pyrene	16.59	276	452952	45.113	ng	100
87) Benzo(b)fluoranthene	14.84	252	472262	43.906	ng	98
88) Benzo(k)fluoranthene	14.86	252	469392	43.433	ng	99
89) Benzo(a)pyrene	15.17	252	439115	44.987	ng	98
90) Dibenzo(a,h)anthracene	16.59	278	379489	47.339	ng	99
91) Benzo(g,h,i)perylene	16.99	276	386205	48.245	ng	99

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

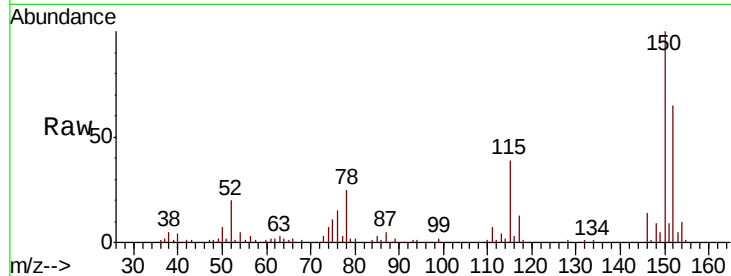


#1

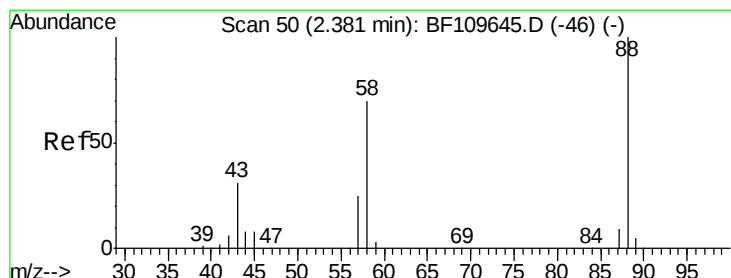
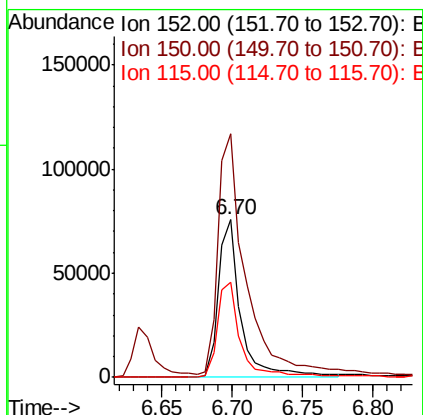
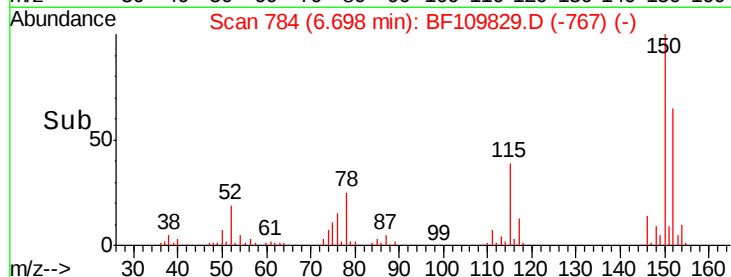
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. 0.00 min
Lab File: BF109829.D
Acq: 12 Oct 2018 13:12

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 84210
Ion Ratio Lower Upper
152 100
150 154.6 122.7 184.1
115 60.5 49.1 73.7



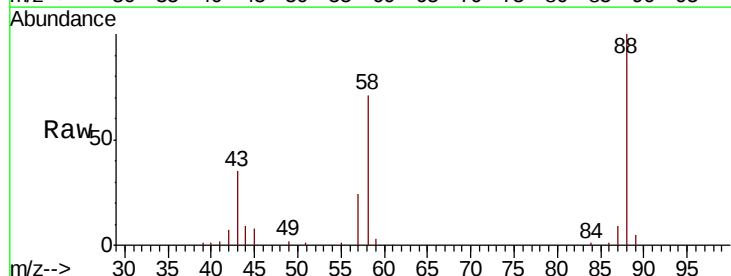
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



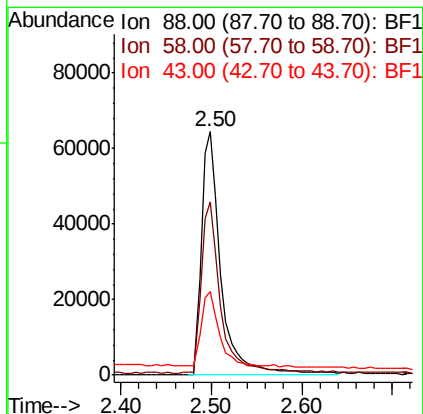
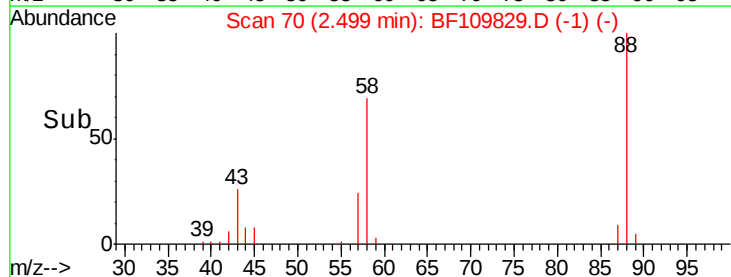
#2

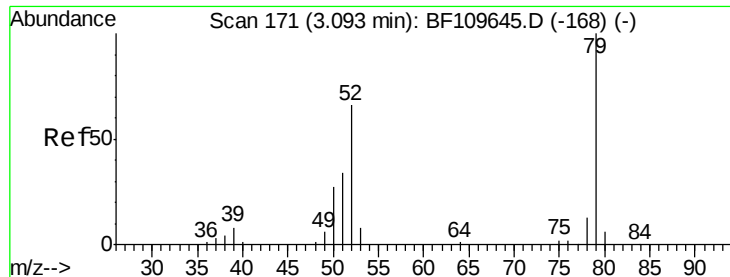
1,4-Dioxane
Concen: 39.482 ng
RT: 2.50 min Scan# 70
Delta R.T. 0.12 min
Lab File: BF109829.D
Acq: 12 Oct 2018 13:12

Tgt Ion: 88 Resp: 98304
Ion Ratio Lower Upper
88 100
58 69.5 57.1 85.7
43 27.5 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: 34.184 ng

RT: 3.22 min Scan# 192

Delta R.T. 0.12 min

Lab File: BF109829.D

Acq: 12 Oct 2018 13:12

Instrument :

BNA_F

ClientSampleId :

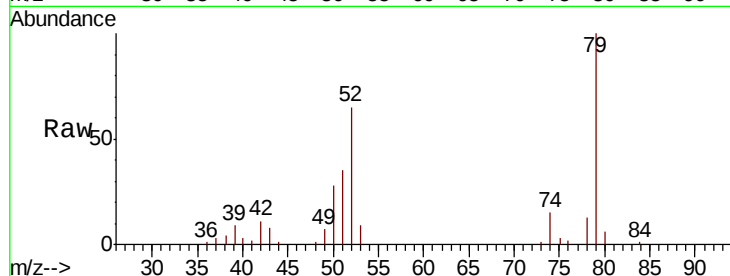
Tot Ion: 79 Resp: 175595

Ion Ratio Lower Upper

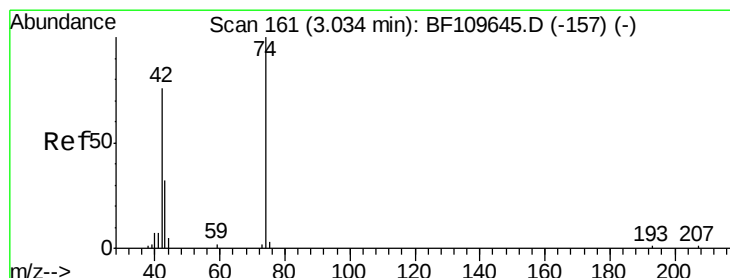
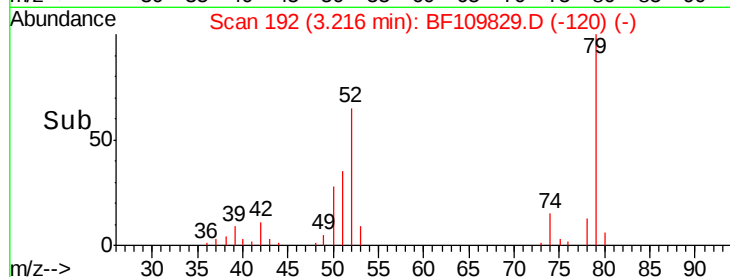
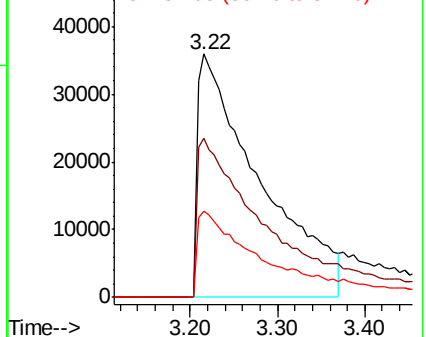
79 100

52 65.5 53.1 79.7

51 35.4 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: 44.095 ng

RT: 3.15 min Scan# 180

Delta R.T. 0.11 min

Lab File: BF109829.D

Acq: 12 Oct 2018 13:12

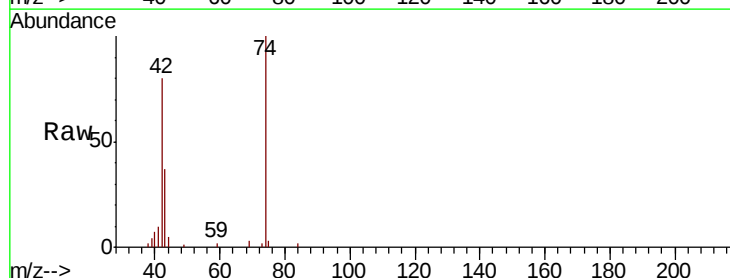
Tgt Ion: 42 Resp: 81757

Ion Ratio Lower Upper

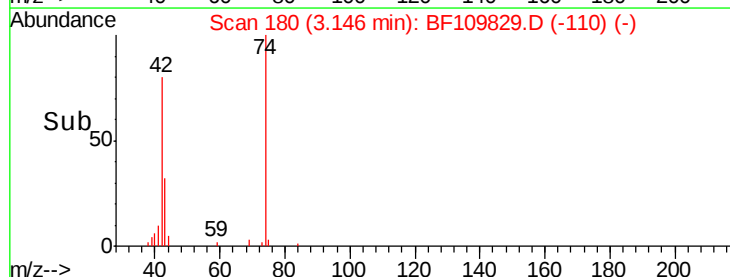
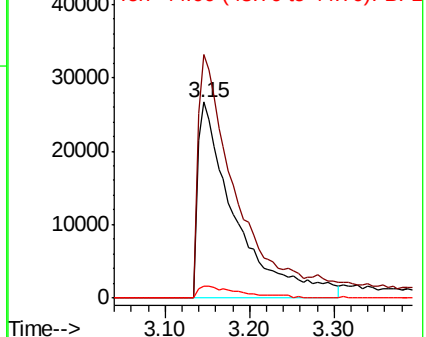
42 100

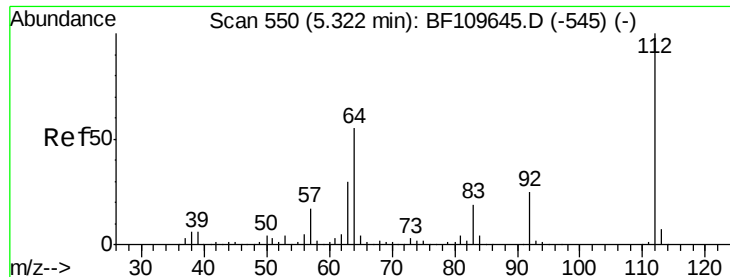
74 124.4 105.5 158.3

44 6.3 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: 135.814 ng

RT: 5.33 min Scan# 551

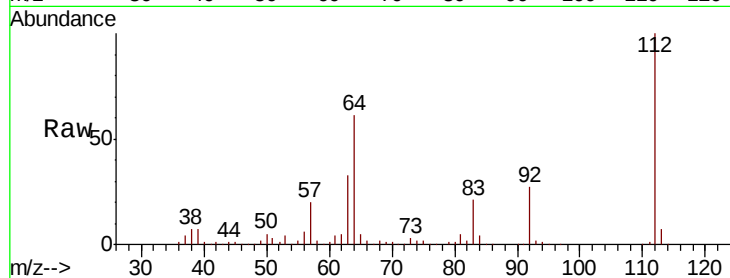
Delta R.T. 0.01 min

Lab File: BF109829.D

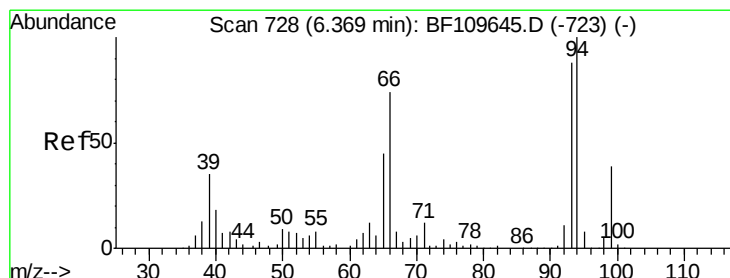
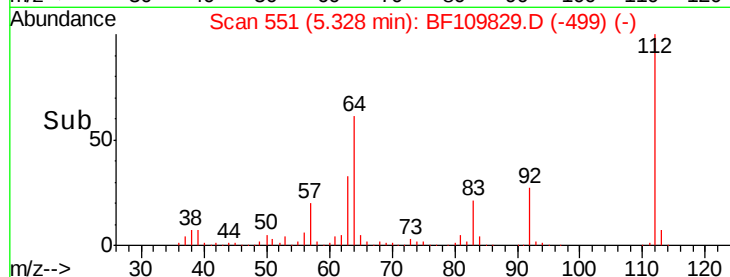
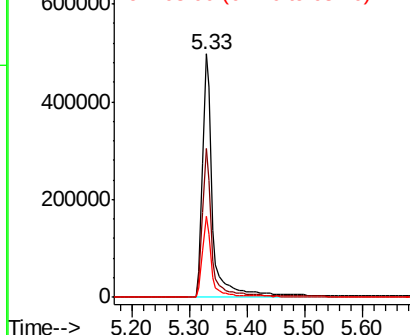
Acq: 12 Oct 2018 13:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	112	Resp:	644320
Ion	Ratio	Lower	Upper
112	100		
64	61.2	44.1	66.1
63	33.4	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: 32.689 ng

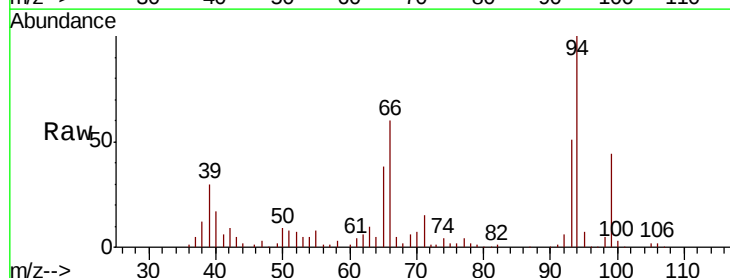
RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

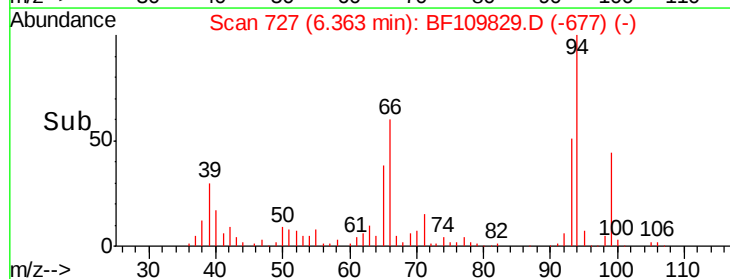
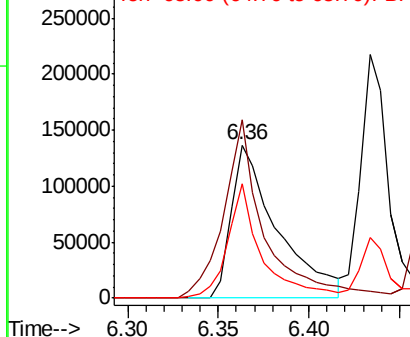
Lab File: BF109829.D

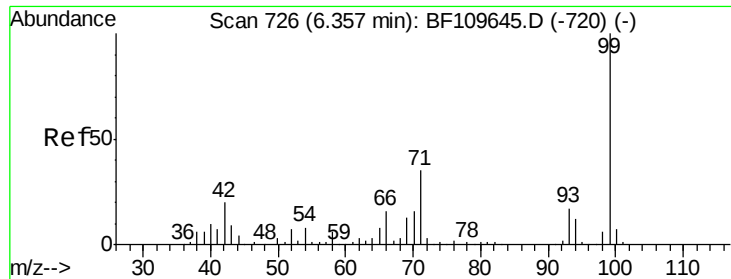
Acq: 12 Oct 2018 13:12

Tgt Ion:	93	Resp:	241337
Ion	Ratio	Lower	Upper
93	100		
66	116.9	67.4	101.0#
65	75.2	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: 131.029 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF109829.D

Acq: 12 Oct 2018 13:12

Instrument :

BNA_F

ClientSampleId :

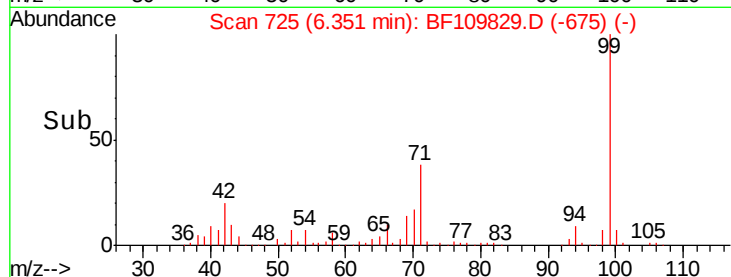
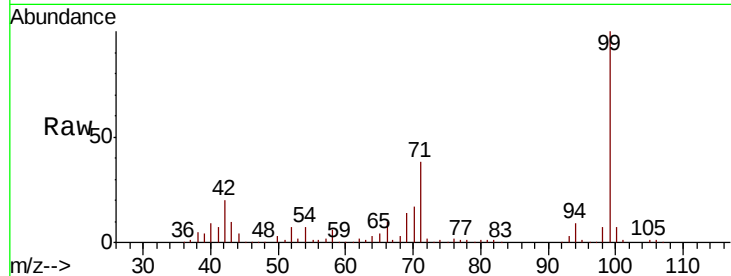
Tot Ion: 99 Resp: 830412

Ion Ratio Lower Upper

99 100

42 20.2 15.8 23.6

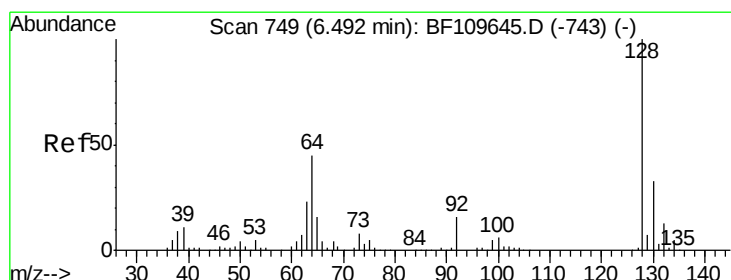
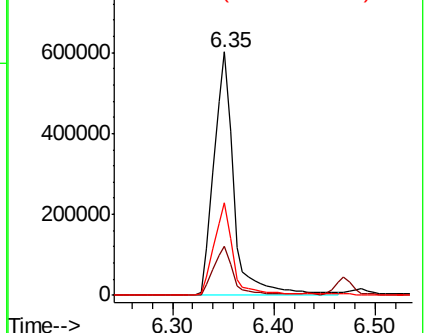
71 37.9 28.0 42.0



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: 43.447 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF109829.D

Acq: 12 Oct 2018 13:12

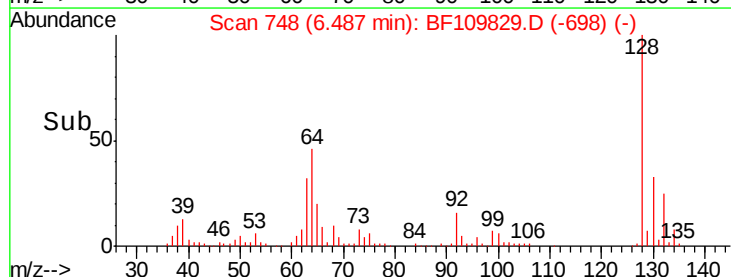
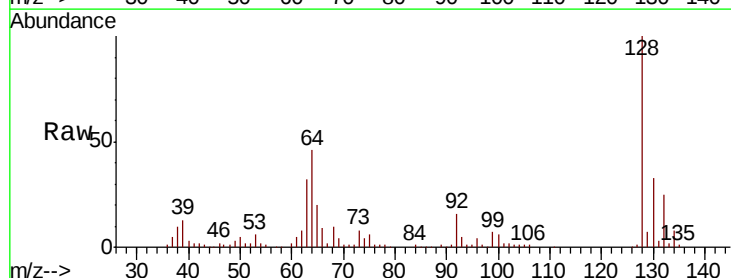
Tgt Ion:128 Resp: 253500

Ion Ratio Lower Upper

128 100

130 32.7 13.1 53.1

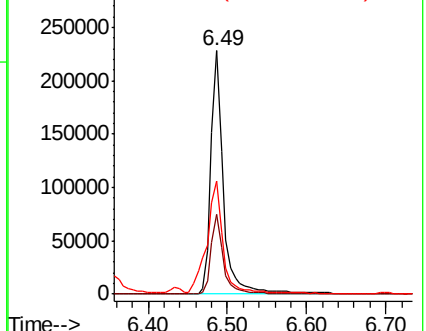
64 46.3 26.0 66.0

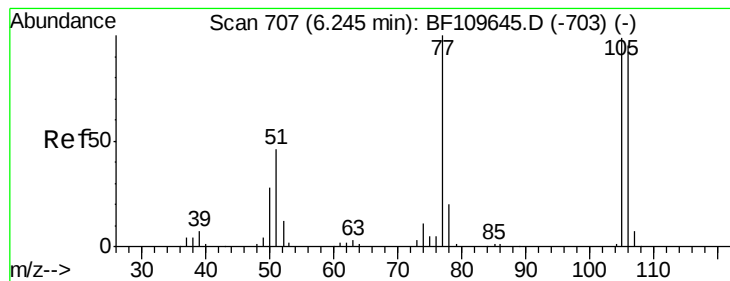


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 25.613 ng

RT: 6.25 min Scan# 707

Delta R.T. 0.00 min

Lab File: BF109829.D

Acq: 12 Oct 2018 13:12

Instrument :

BNA_F

ClientSampled :

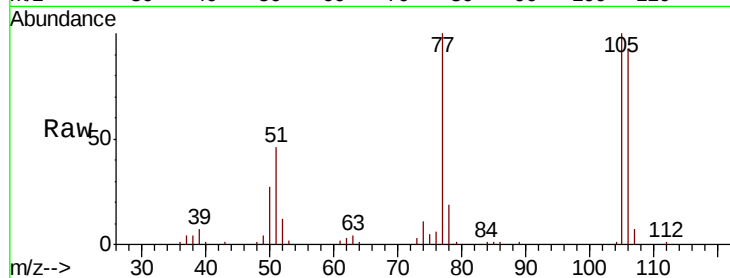
Tot Ion: 77 Resp: 104458

Ion Ratio Lower Upper

77 100

105 99.6 78.6 118.6

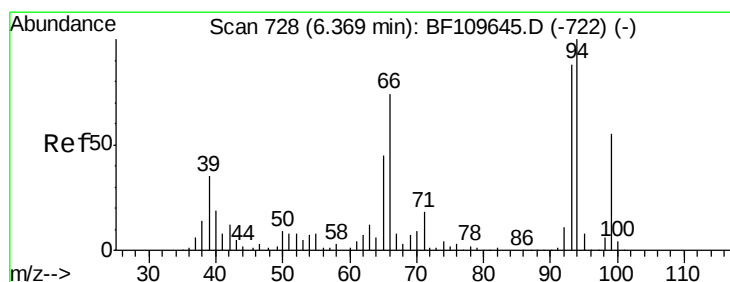
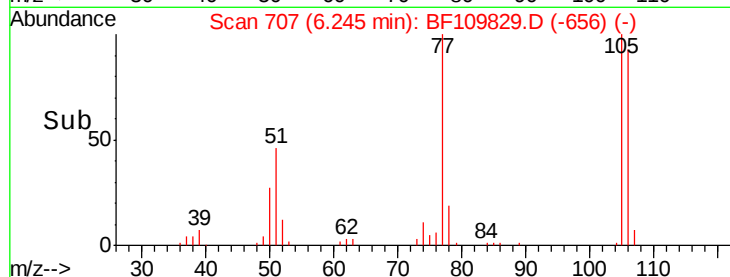
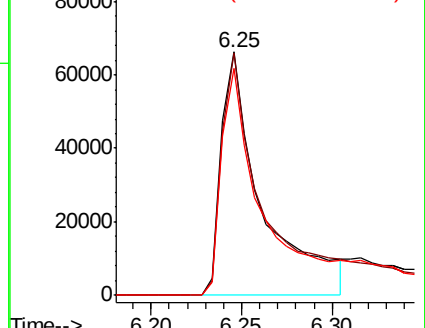
106 93.2 74.8 114.8



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: 40.407 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF109829.D

Acq: 12 Oct 2018 13:12

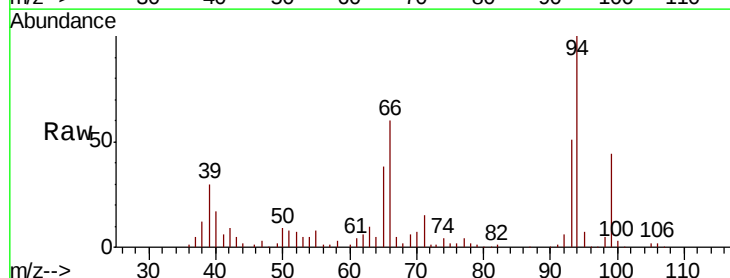
Tgt Ion: 94 Resp: 293645

Ion Ratio Lower Upper

94 100

65 38.3 25.3 65.3

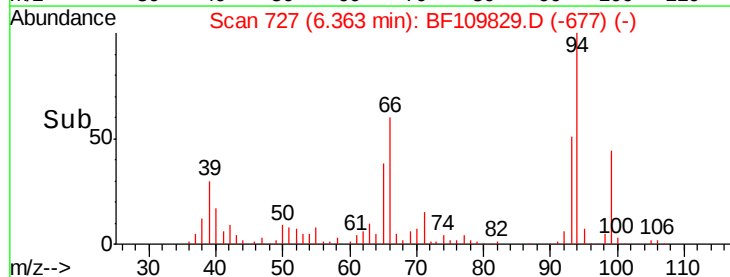
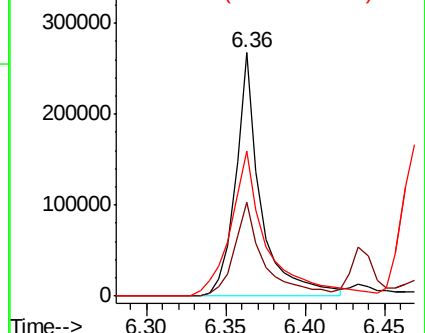
66 59.6 54.5 94.5

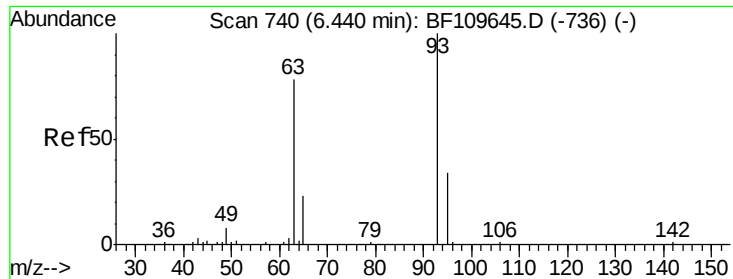


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

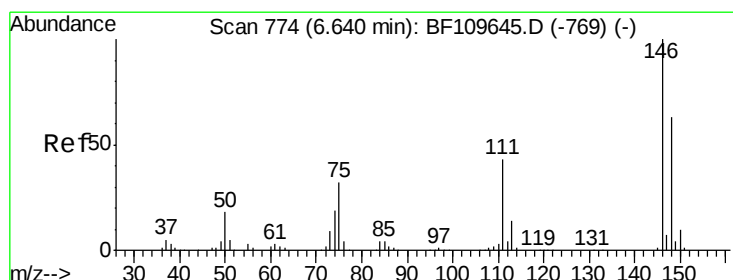
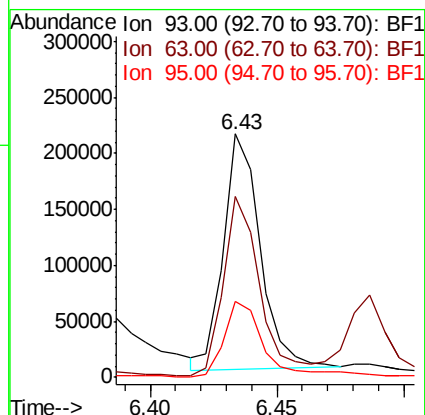
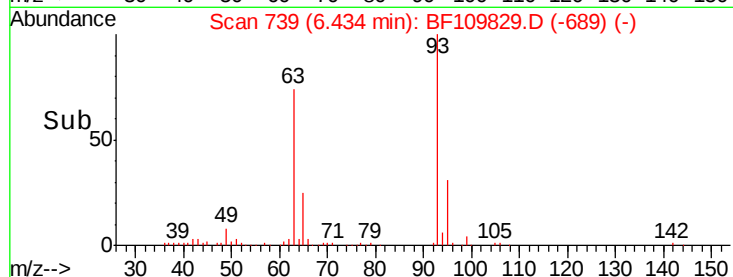
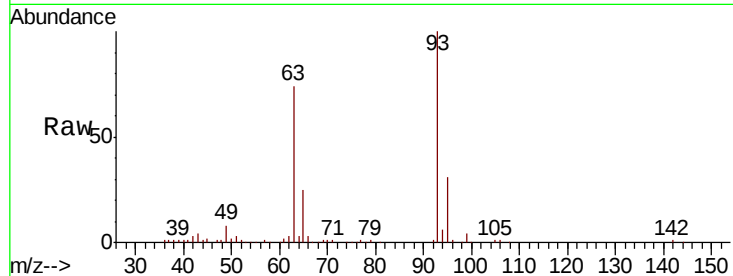




#11
bis(2-Chloroethyl)ether
Concen: 35.293 ng
RT: 6.43 min Scan# 739
Delta R.T. -0.01 min
Lab File: BF109829.D
Acq: 12 Oct 2018 13:12

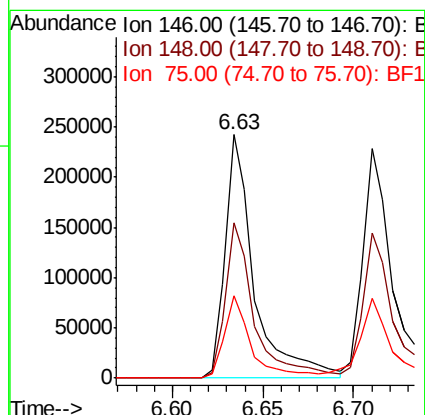
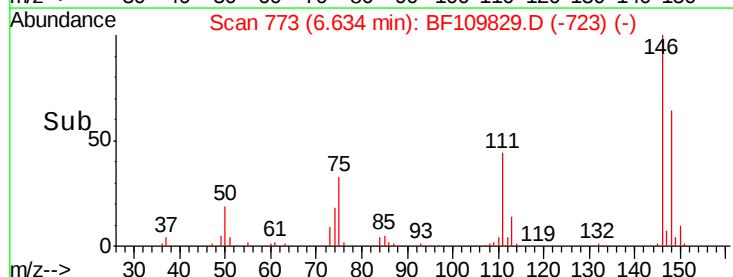
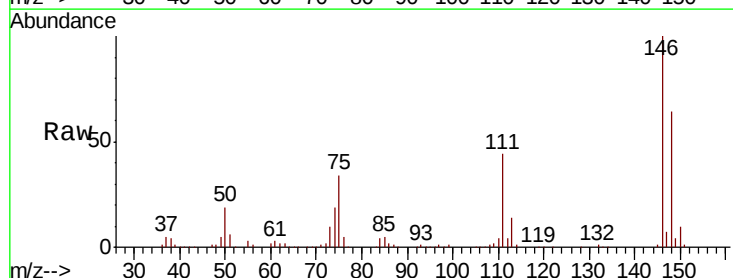
Instrument :
BNA_F
ClientSampled :

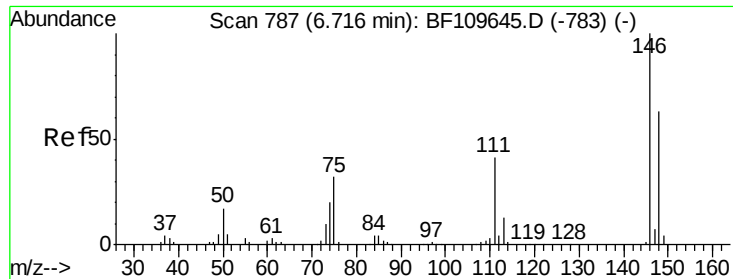
Tot Ion: 93 Resp: 212635
Ion Ratio Lower Upper
93 100
63 74.2 53.4 93.4
95 31.3 12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 40.554 ng
RT: 6.63 min Scan# 773
Delta R.T. -0.01 min
Lab File: BF109829.D
Acq: 12 Oct 2018 13:12

Tgt Ion: 146 Resp: 270630
Ion Ratio Lower Upper
146 100
148 63.5 50.4 75.6
75 33.7 25.8 38.6

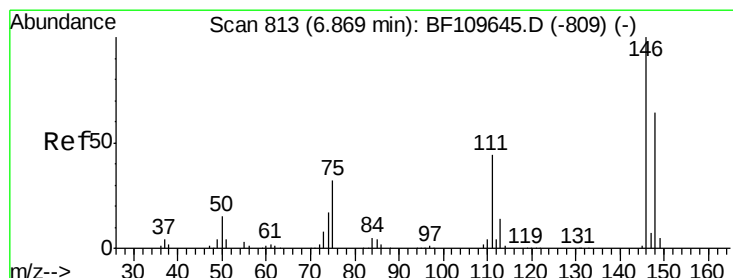
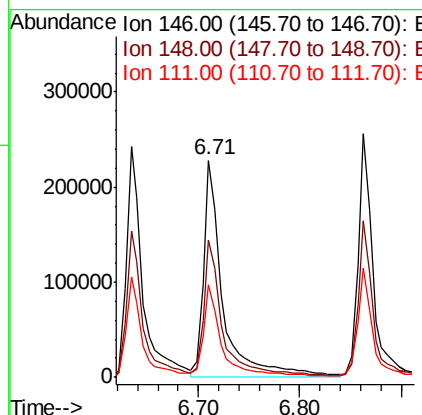
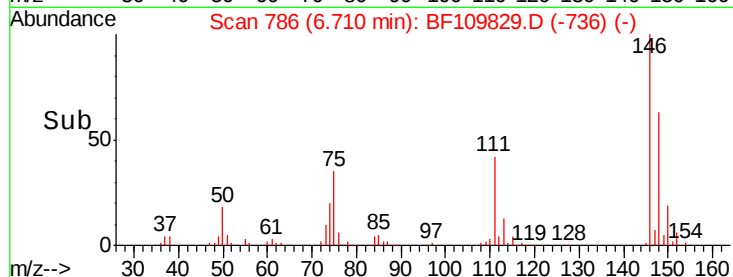
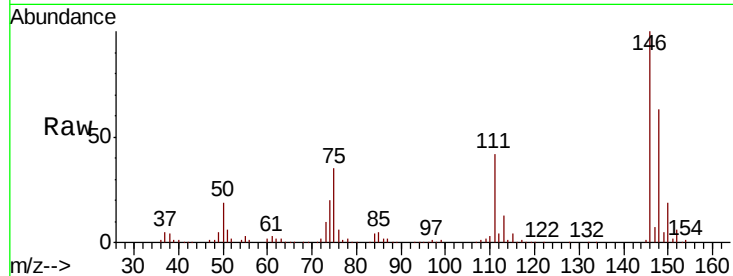




#13
 1,4-Dichlorobenzene
 Concen: 41.131 ng
 RT: 6.71 min Scan# 786
 Delta R.T. -0.01 min
 Lab File: BF109829.D
 Acq: 12 Oct 2018 13:12

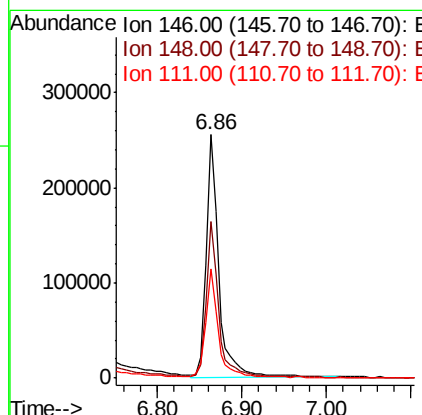
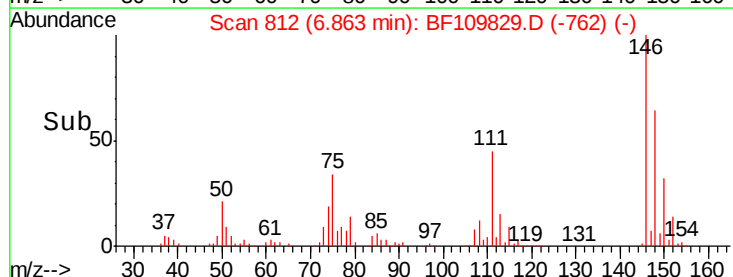
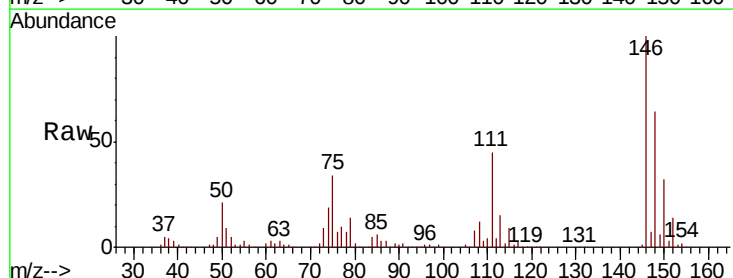
Instrument :
 BNA_F
 ClientSampleId :

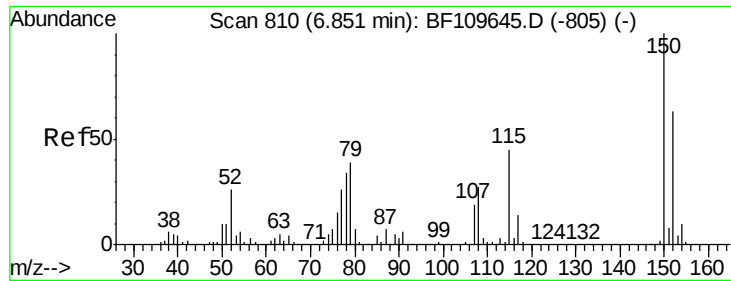
Tot Ion:146 Resp: 299201
 Ion Ratio Lower Upper
 146 100
 148 63.4 50.3 75.5
 111 42.4 32.7 49.1



#14
 1,2-Dichlorobenzene
 Concen: 41.197 ng
 RT: 6.86 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BF109829.D
 Acq: 12 Oct 2018 13:12

Tgt Ion:146 Resp: 263187
 Ion Ratio Lower Upper
 146 100
 148 64.4 51.1 76.7
 111 44.8 35.8 53.6

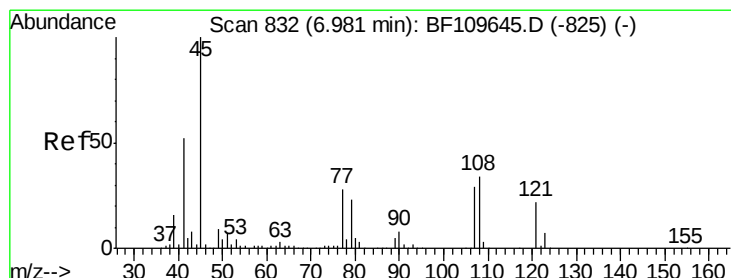
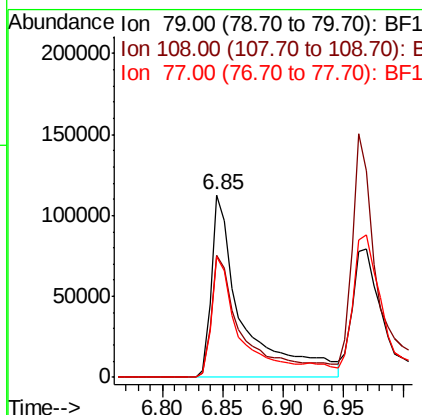
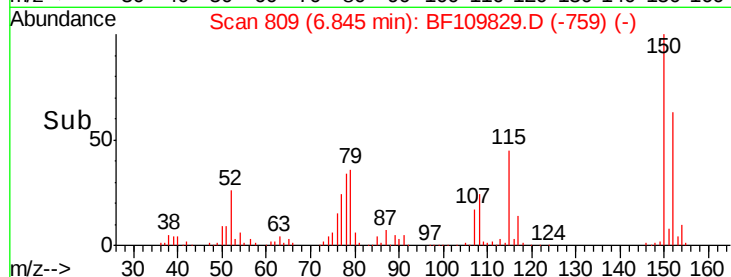
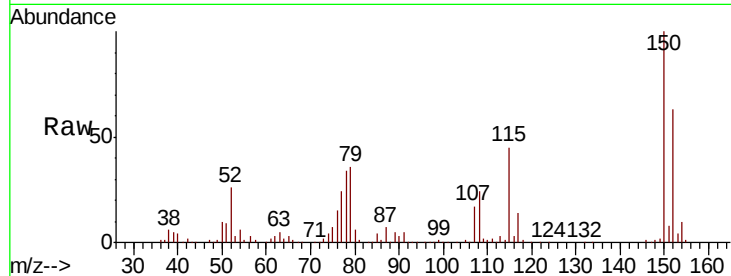




#15
Benzyl Alcohol
Concen: 42.839 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF109829.D
Acq: 12 Oct 2018 13:12

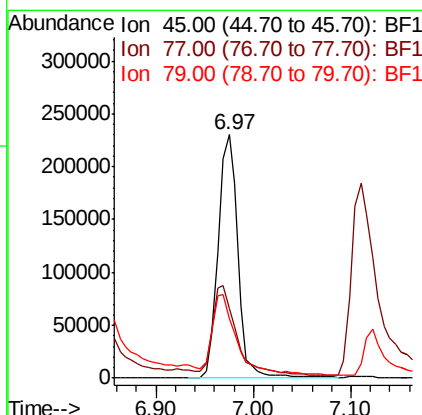
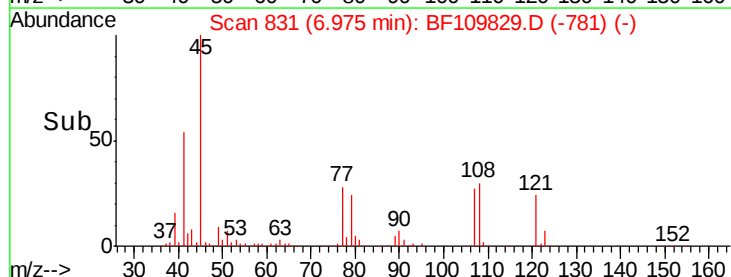
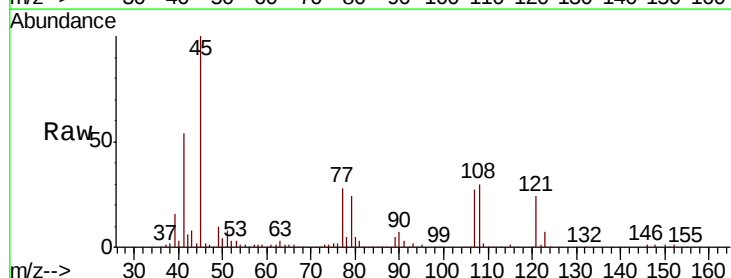
Instrument :
BNA_F
ClientSampleId :

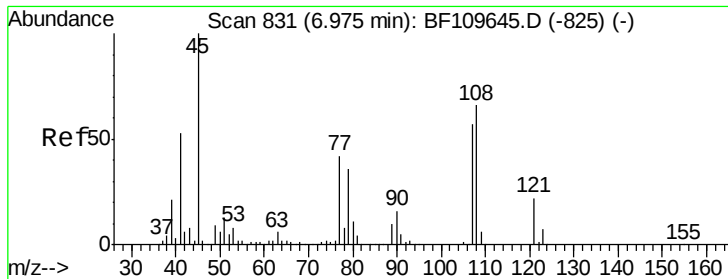
Tot Ion: 79 Resp: 201276
Ion Ratio Lower Upper
79 100
108 67.1 56.3 84.5
77 65.9 52.9 79.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.599 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF109829.D
Acq: 12 Oct 2018 13:12

Tgt Ion: 45 Resp: 324343
Ion Ratio Lower Upper
45 100
77 28.3 10.0 50.0
79 24.4 6.1 46.1

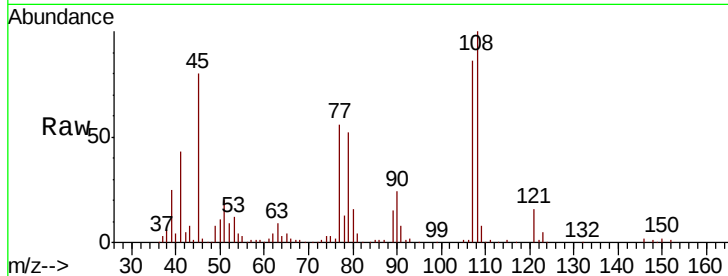




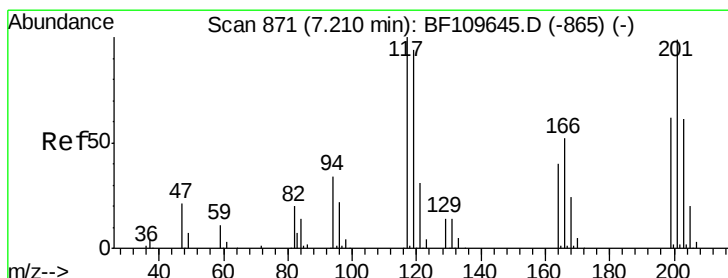
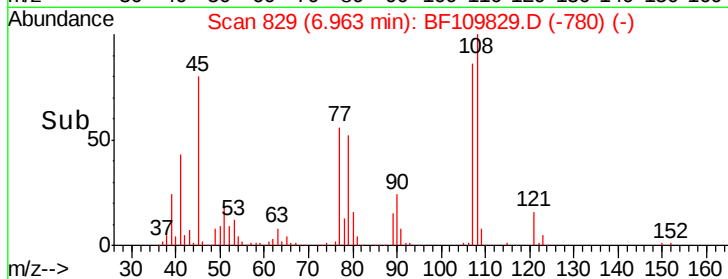
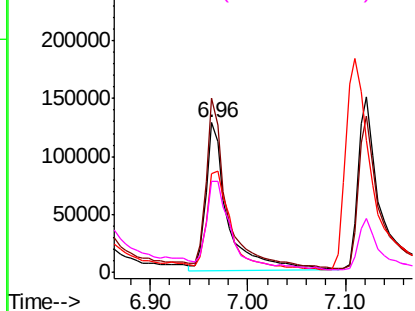
#17
2-Methylphenol
Concen: 43.020 ng
RT: 6.96 min Scan# 829
Delta R.T. -0.01 min
Lab File: BF109829.D
Acq: 12 Oct 2018 13:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	107	Resp:	198494
Ion	Ratio	Lower	Upper
107	100		
108	116.6	92.6	138.8
77	65.6	59.4	89.2
79	60.5	54.0	81.0

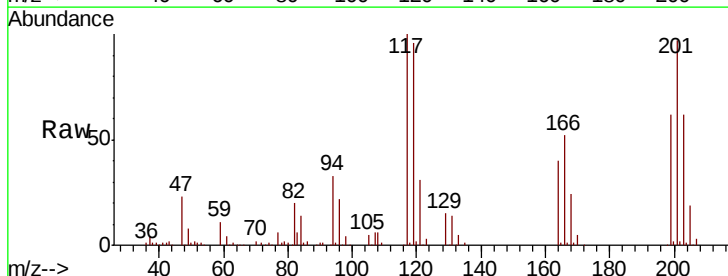


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

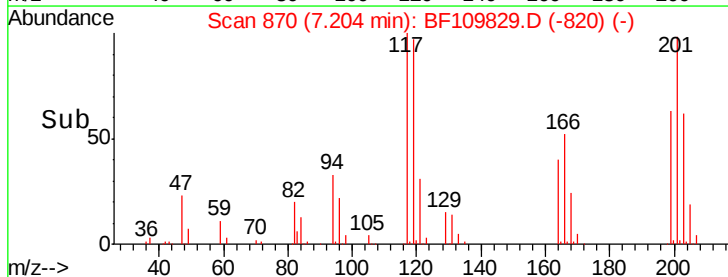
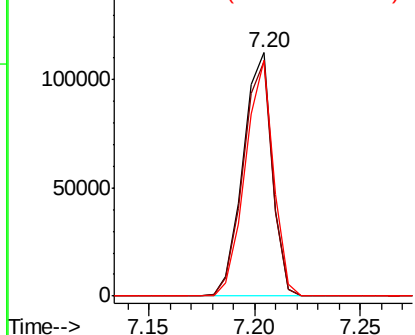


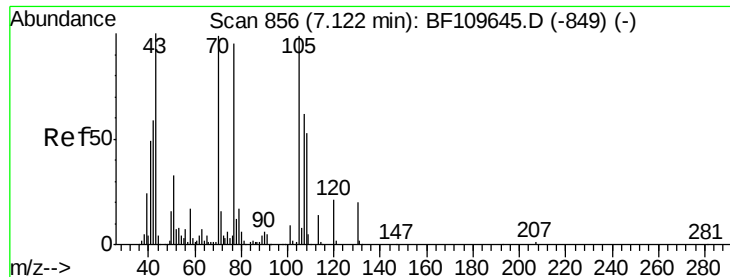
#18
Hexachloroethane
Concen: 42.038 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF109829.D
Acq: 12 Oct 2018 13:12

Tgt Ion:	117	Resp:	108090
Ion	Ratio	Lower	Upper
117	100		
119	96.3	75.0	112.6
201	97.1	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

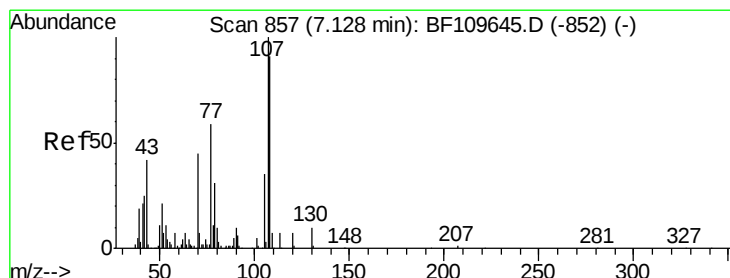
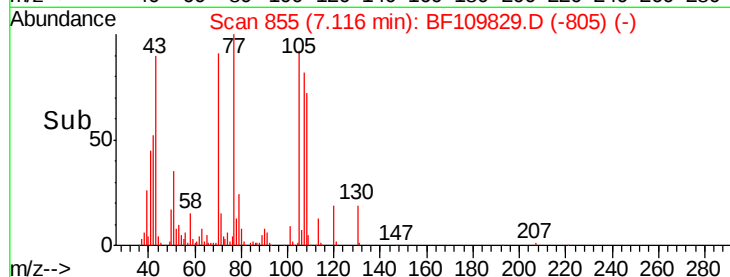
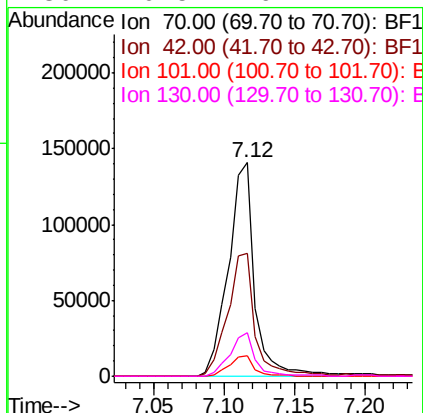
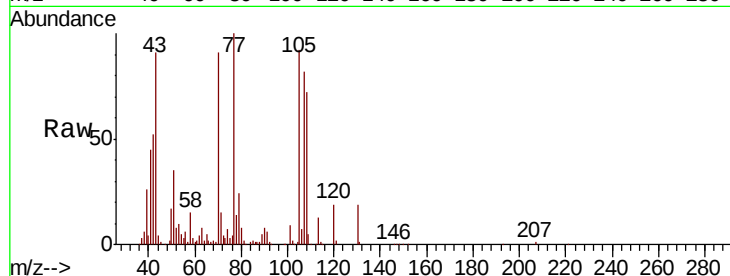




#19
n-Nitroso-di-n-propylamine
Concen: 41.057 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF109829.D
Acq: 12 Oct 2018 13:12

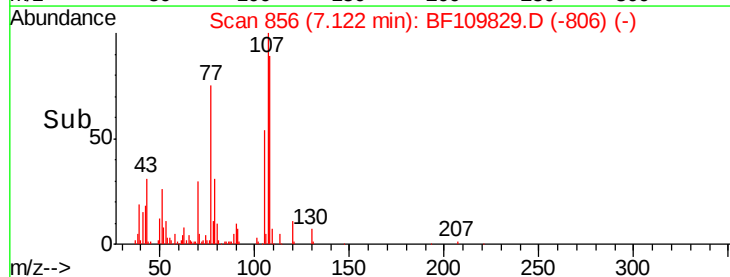
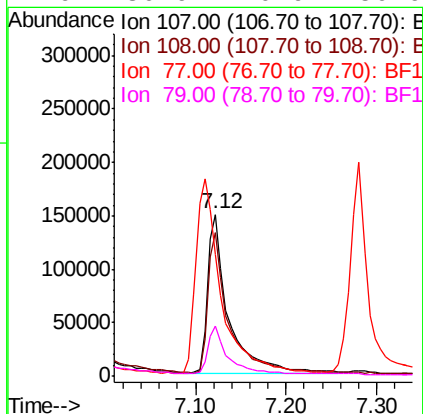
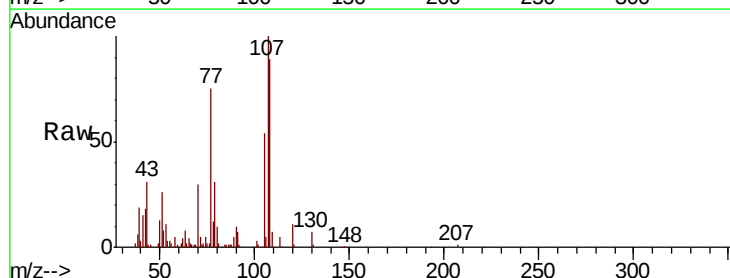
Instrument :
BNA_F
ClientSampleId :

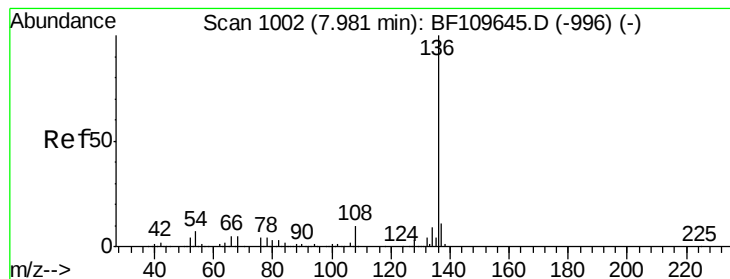
Tot Ion:	70	Resp:	182475
Ion	Ratio	Lower	Upper
70	100		
42	57.6	47.4	71.2
101	9.6	7.3	10.9
130	20.5	16.2	24.2



#20
3+4-Methylphenols
Concen: 42.500 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF109829.D
Acq: 12 Oct 2018 13:12

Tgt Ion:	107	Resp:	241633
Ion	Ratio	Lower	Upper
107	100		
108	88.9	71.4	111.4
77	75.2	47.3	87.3
79	30.9	10.9	50.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.97 min Scan# 1001

Delta R.T. -0.01 min

Lab File: BF109829.D

Acq: 12 Oct 2018 13:12

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 366181

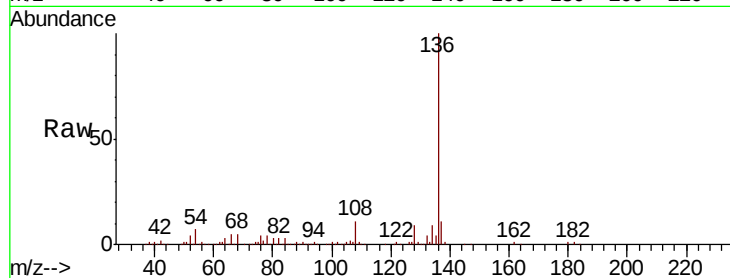
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 6.8 5.4 8.2

68 4.8 4.2 6.2

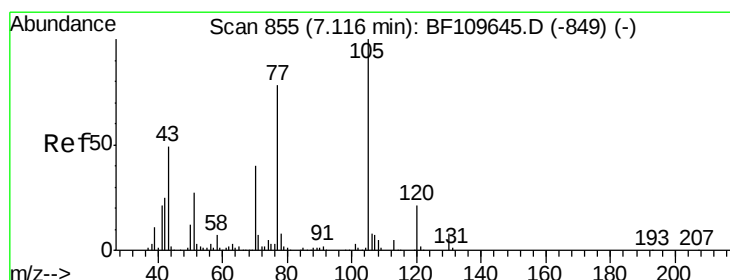
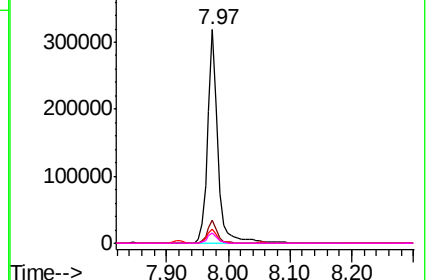
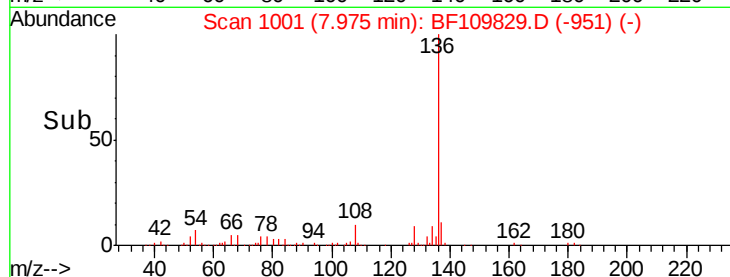


Abundance Ion 136.00 (135.70 to 136.70): E

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: 41.937 ng

RT: 7.11 min Scan# 854

Delta R.T. -0.01 min

Lab File: BF109829.D

Acq: 12 Oct 2018 13:12

Tgt Ion:105 Resp: 371350

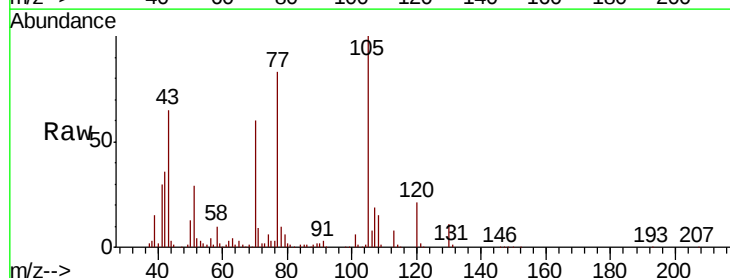
Ion Ratio Lower Upper

105 100

71 9.3 5.2 7.8#

51 29.0 21.8 32.8

120 21.0 17.0 25.4

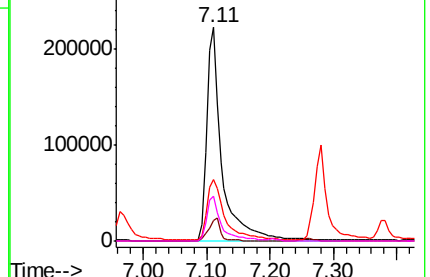
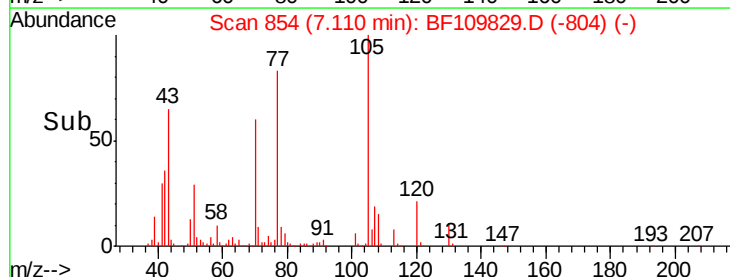


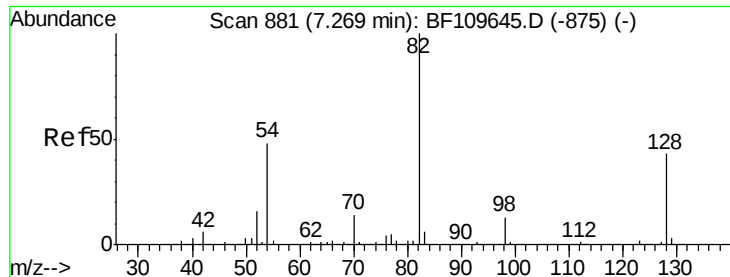
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

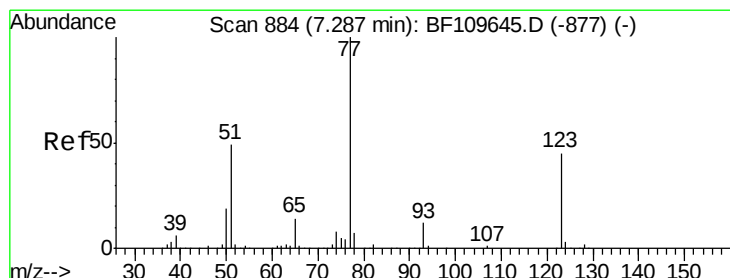
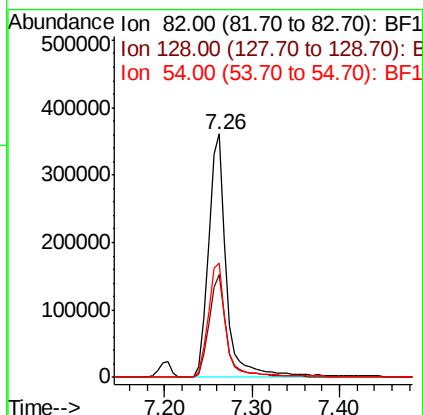
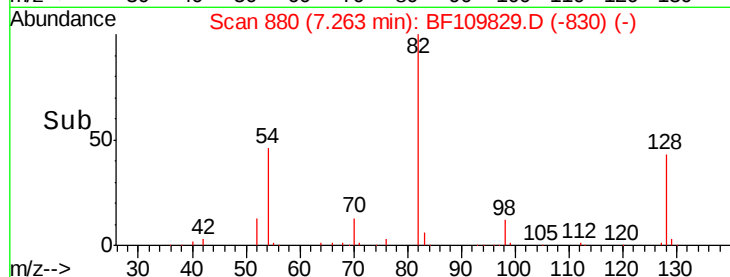
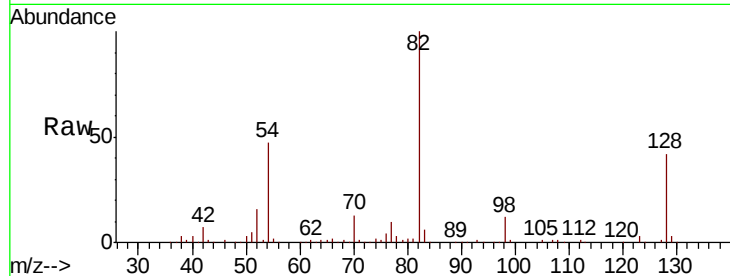




#23
 Nitrobenzene-d5
 Concen: 77.576 ng
 RT: 7.26 min Scan# 880
 Delta R.T. -0.01 min
 Lab File: BF109829.D
 Acq: 12 Oct 2018 13:12

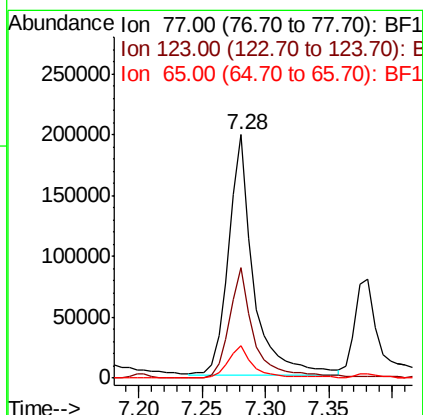
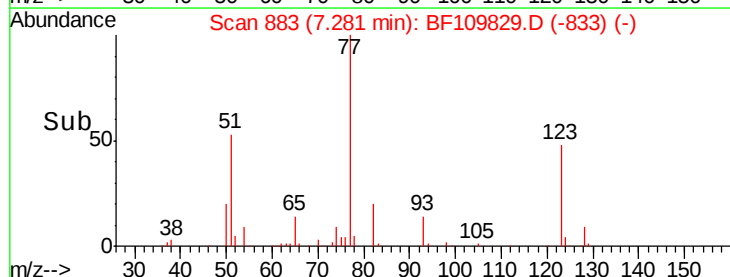
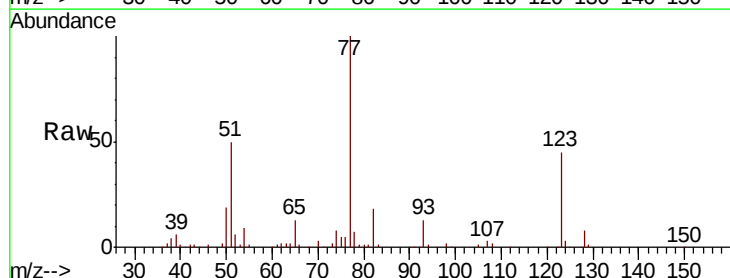
Instrument :
 BNA_F
 ClientSampled :

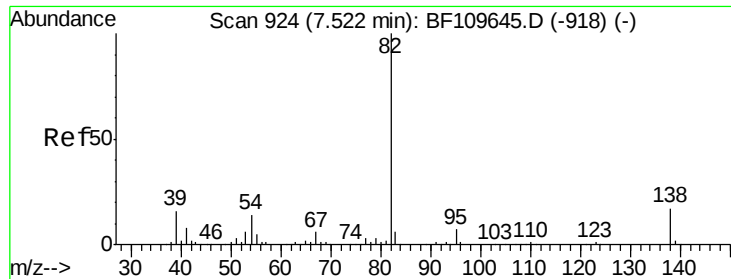
Tot Ion: 82 Resp: 515333
 Ion Ratio Lower Upper
 82 100
 128 42.4 34.2 51.2
 54 47.2 38.6 58.0



#24
 Nitrobenzene
 Concen: 39.124 ng
 RT: 7.28 min Scan# 883
 Delta R.T. -0.01 min
 Lab File: BF109829.D
 Acq: 12 Oct 2018 13:12

Tgt Ion: 77 Resp: 270436
 Ion Ratio Lower Upper
 77 100
 123 45.2 35.7 53.5
 65 13.3 10.7 16.1

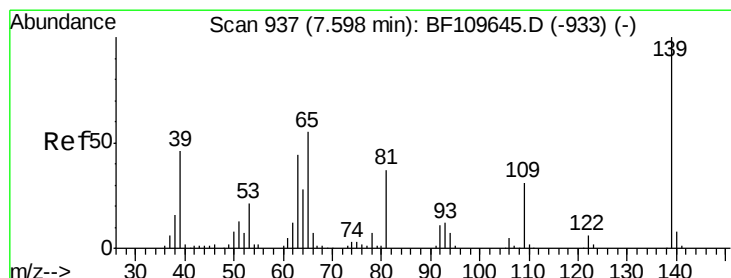
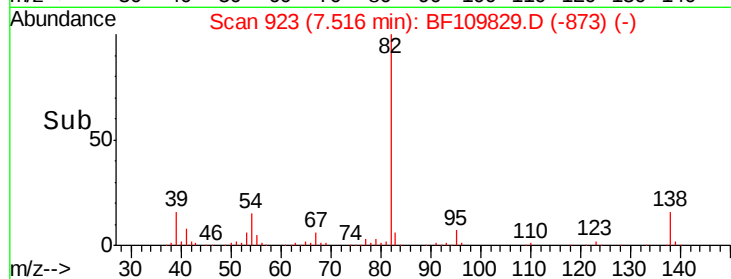
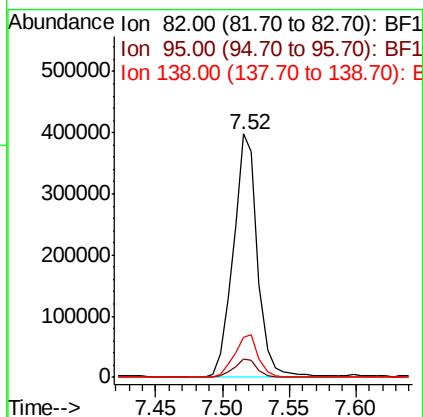
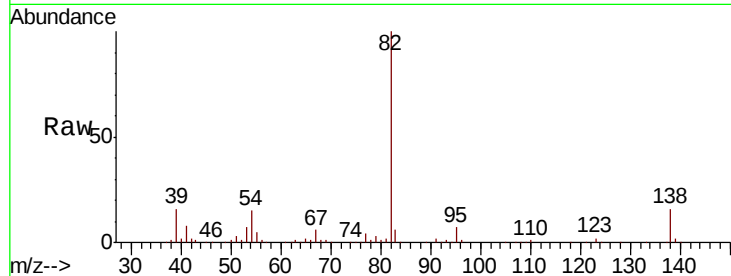




#25
Isophorone
Concen: 45.310 ng
RT: 7.52 min Scan# 923
Delta R.T. -0.01 min
Lab File: BF109829.D
Acq: 12 Oct 2018 13:12

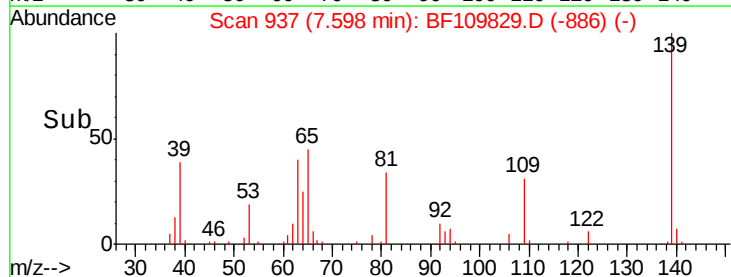
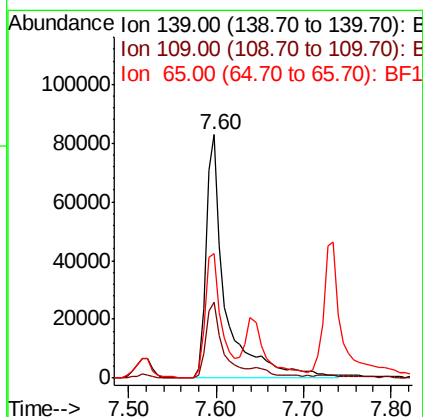
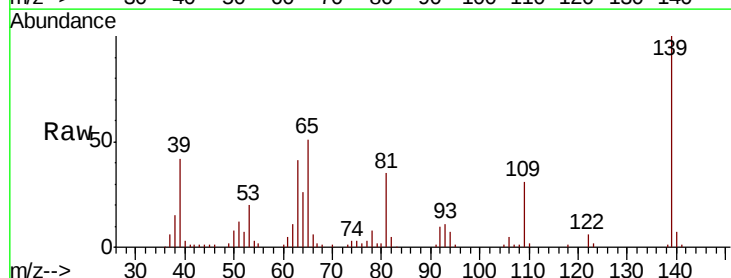
Instrument :
BNA_F
ClientSampled :

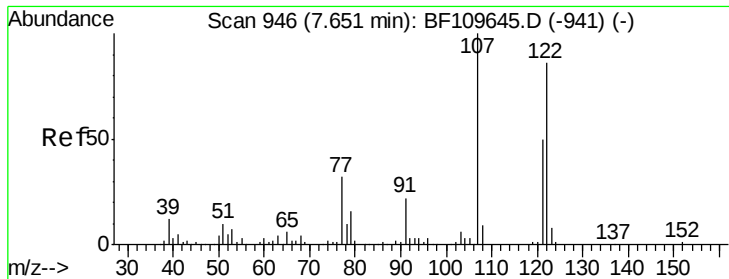
Tot Ion: 82 Resp: 499814
Ion Ratio Lower Upper
82 100
95 7.4 5.7 8.5
138 16.4 13.2 19.8



#26
2-Nitrophenol
Concen: 39.603 ng
RT: 7.60 min Scan# 937
Delta R.T. 0.00 min
Lab File: BF109829.D
Acq: 12 Oct 2018 13:12

Tgt Ion: 139 Resp: 128045
Ion Ratio Lower Upper
139 100
109 31.2 25.0 37.6
65 51.1 44.0 66.0





#27

2,4-Dimethylphenol

Concen: 46.677 ng

RT: 7.65 min Scan# 945

Delta R.T. -0.01 min

Lab File: BF109829.D

Acq: 12 Oct 2018 13:12

Instrument :

BNA_F

ClientSampled :

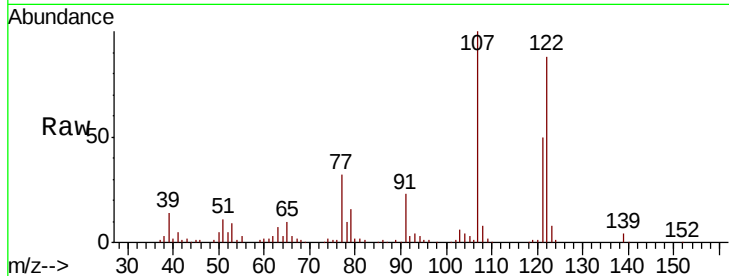
Tot Ion:122 Resp: 217934

Ion Ratio Lower Upper

122 100

107 113.7 92.5 138.7

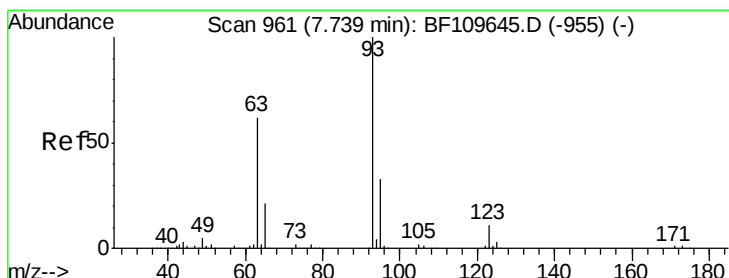
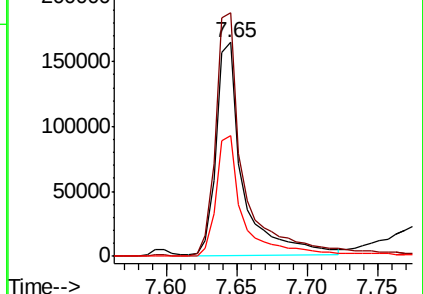
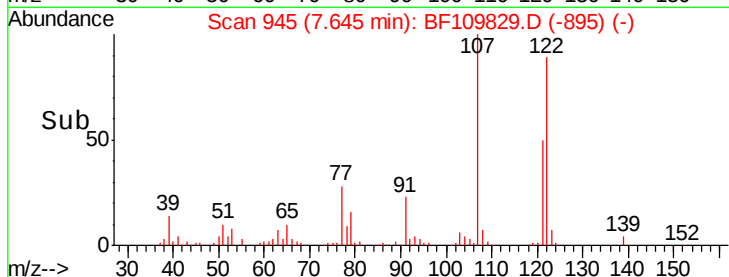
121 56.7 45.8 68.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 42.057 ng

RT: 7.73 min Scan# 960

Delta R.T. -0.01 min

Lab File: BF109829.D

Acq: 12 Oct 2018 13:12

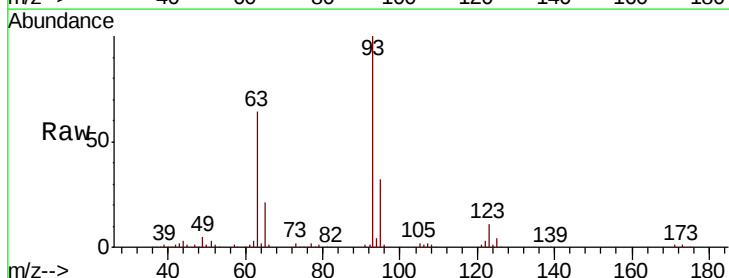
Tgt Ion: 93 Resp: 313807

Ion Ratio Lower Upper

93 100

95 31.9 26.4 39.6

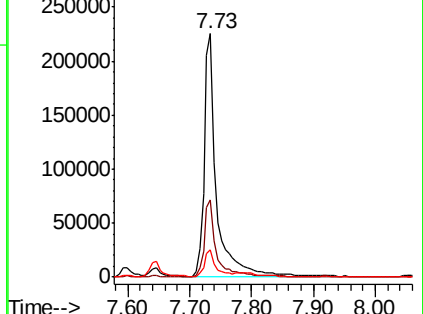
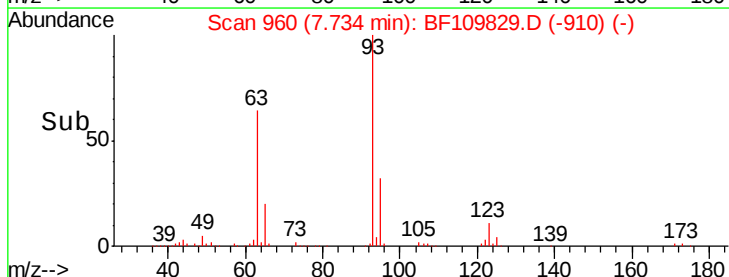
123 11.3 9.0 13.6

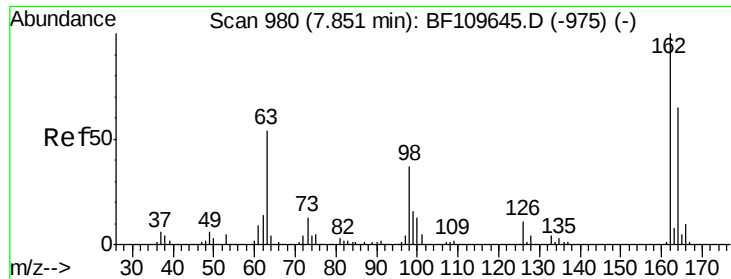


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

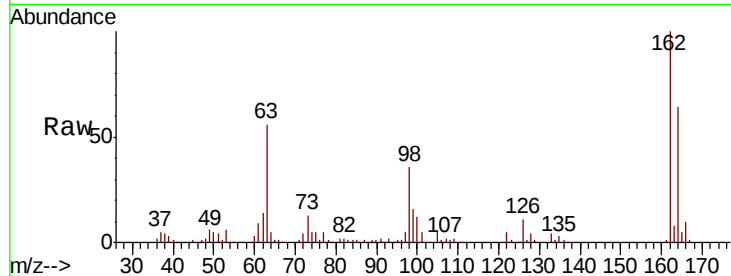




#29
2,4-Dichlorophenol
Concen: 41.730 ng
RT: 7.85 min Scan# 979
Delta R.T. -0.01 min
Lab File: BF109829.D
Acq: 12 Oct 2018 13:12

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.4	44.6	84.6
98	36.2	17.4	57.4

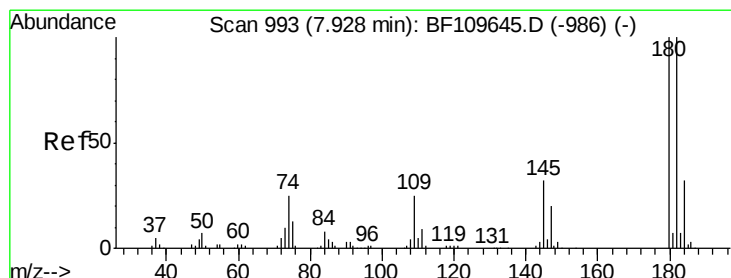
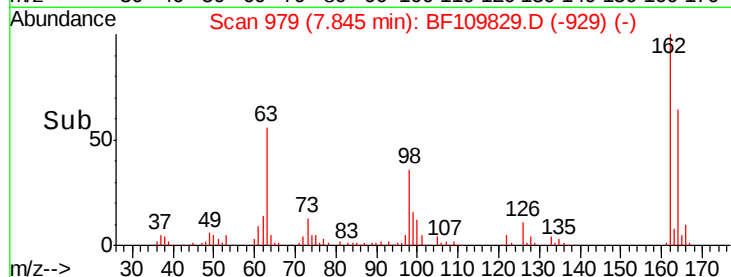
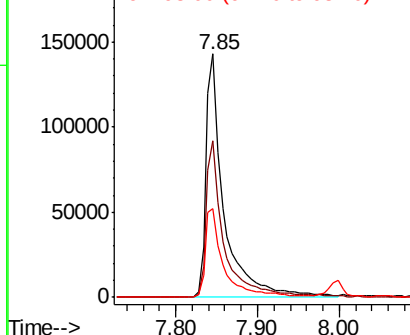


Abundance

Ion 162.00 (161.70 to 162.70): E

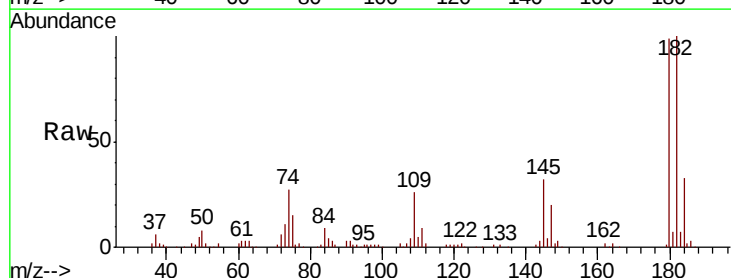
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 39.424 ng
RT: 7.92 min Scan# 992
Delta R.T. -0.01 min
Lab File: BF109829.D
Acq: 12 Oct 2018 13:12

Tgt Ion	Ratio	Lower	Upper
180	100		
182	101.1	80.3	120.5
145	32.8	25.4	38.0

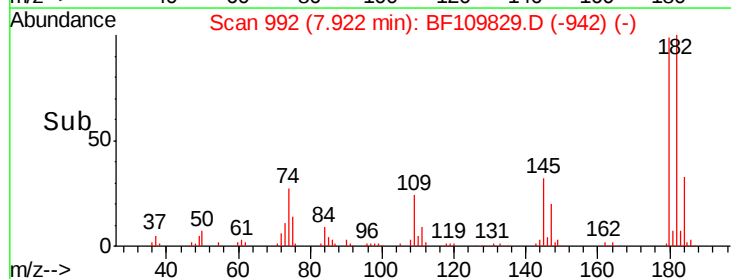
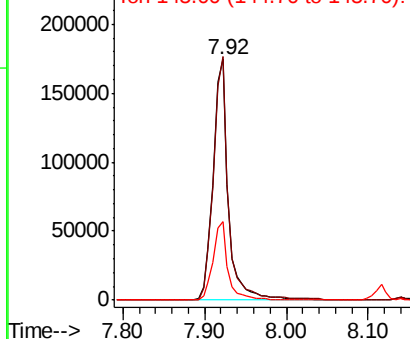


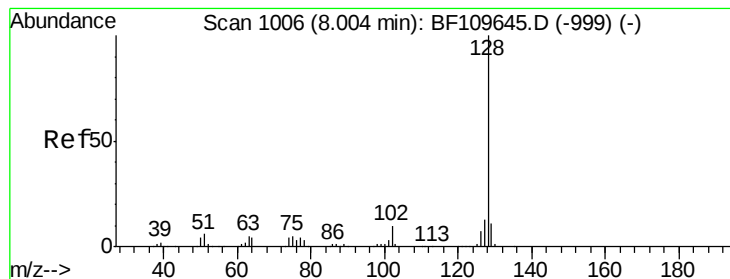
Abundance

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: 45.798 ng

RT: 8.00 min Scan# 1005

Delta R.T. -0.01 min

Lab File: BF109829.D

Acq: 12 Oct 2018 13:12

Instrument :

BNA_F

ClientSampleId :

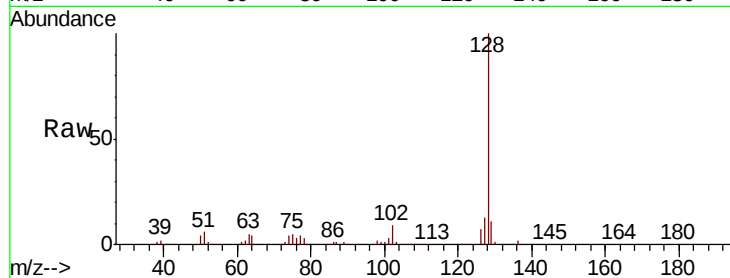
Tot Ion:128 Resp: 775589

Ion Ratio Lower Upper

128 100

129 11.1 8.8 13.2

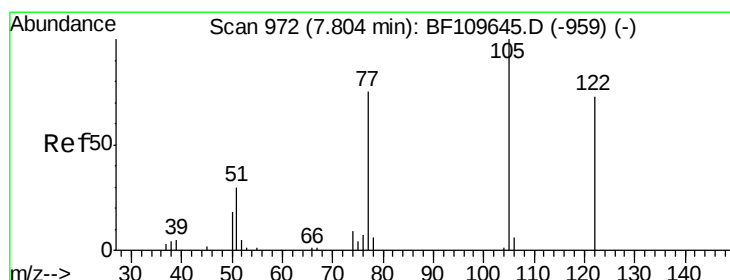
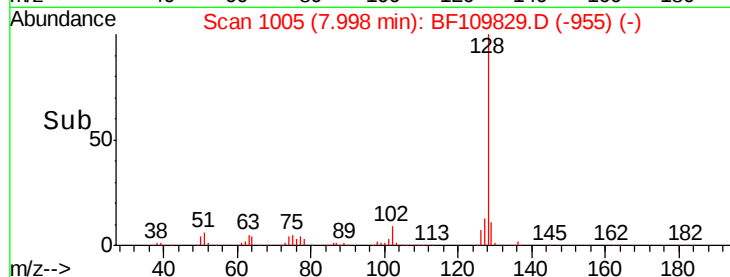
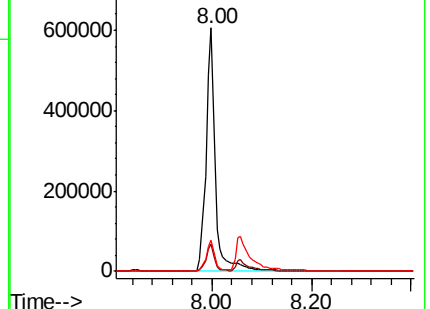
127 13.0 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 36.310 ng

RT: 7.80 min Scan# 971

Delta R.T. -0.01 min

Lab File: BF109829.D

Acq: 12 Oct 2018 13:12

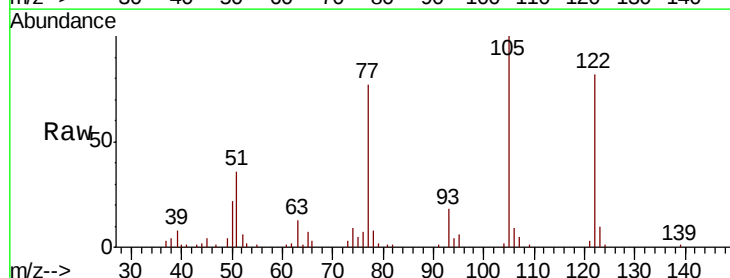
Tgt Ion:122 Resp: 121207

Ion Ratio Lower Upper

122 100

105 122.3 109.0 149.0

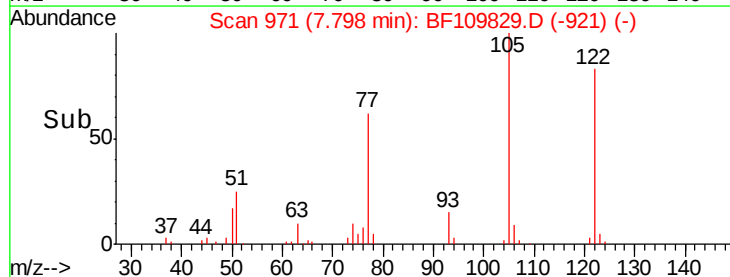
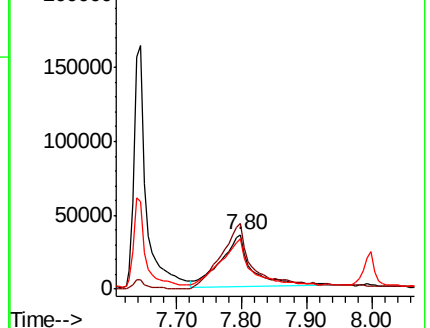
77 93.6 79.0 119.0

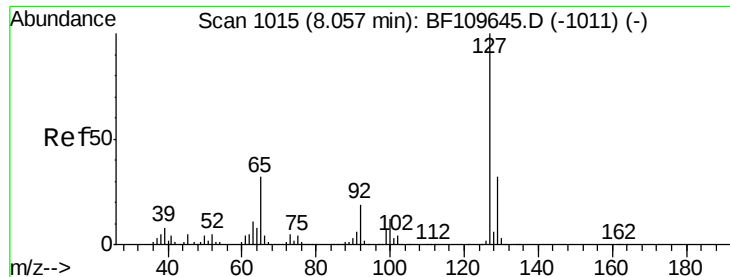


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

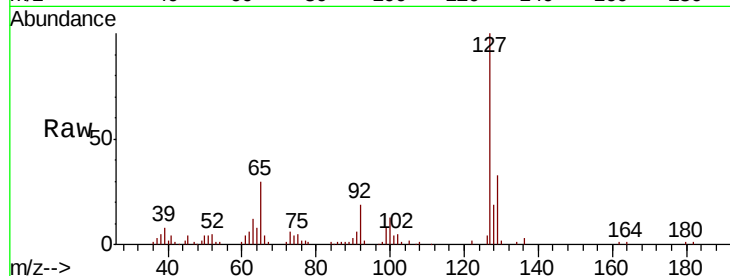




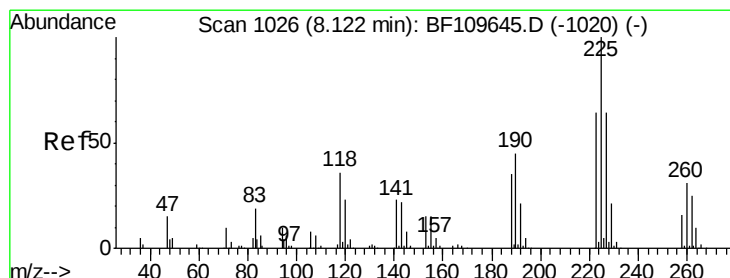
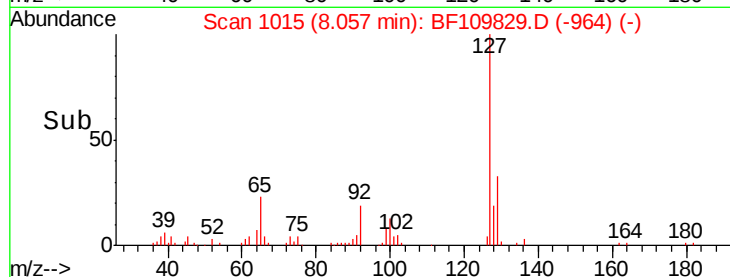
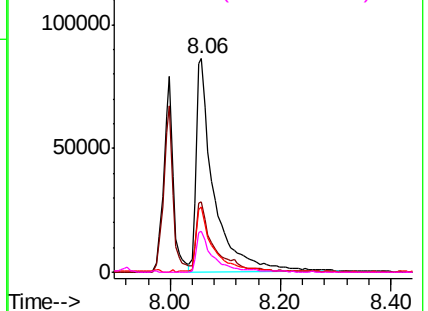
#33
4-Chloroaniline
Concen: 25.462 ng
RT: 8.06 min Scan# 1015
Delta R.T. 0.00 min
Lab File: BF109829.D
Acq: 12 Oct 2018 13:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	189887
Ion	Ratio	Lower	Upper
127	100		
129	33.1	26.0	39.0
65	30.4	25.1	37.7
92	19.2	15.0	22.6

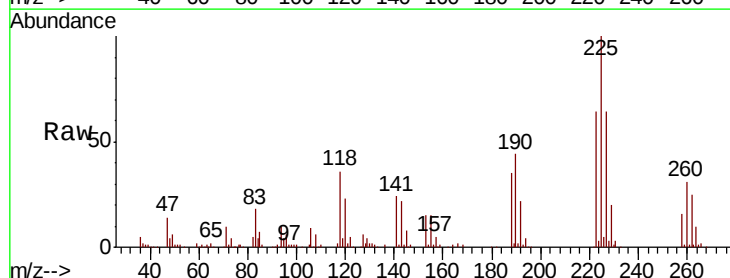


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

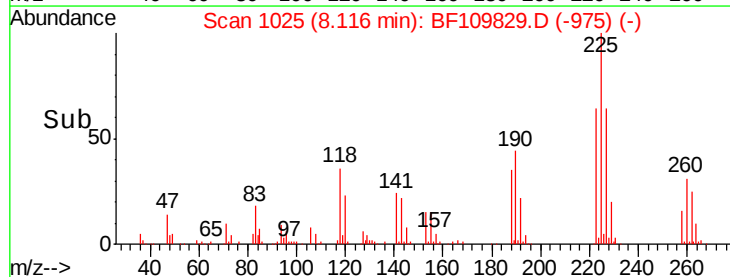
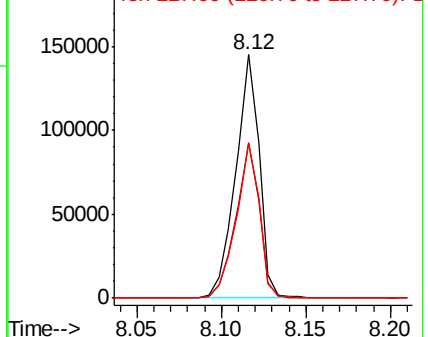


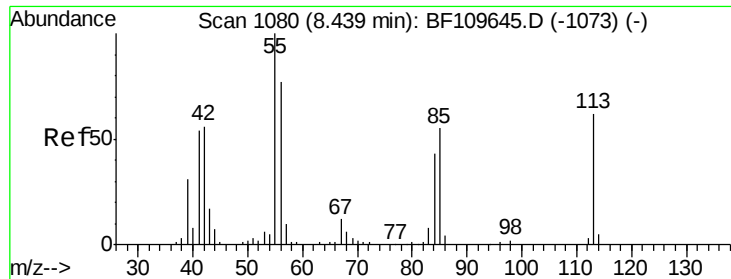
#34
Hexachlorobutadiene
Concen: 39.132 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF109829.D
Acq: 12 Oct 2018 13:12

Tgt Ion:	225	Resp:	141057
Ion	Ratio	Lower	Upper
225	100		
223	63.8	51.4	77.2
227	63.8	51.0	76.6



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

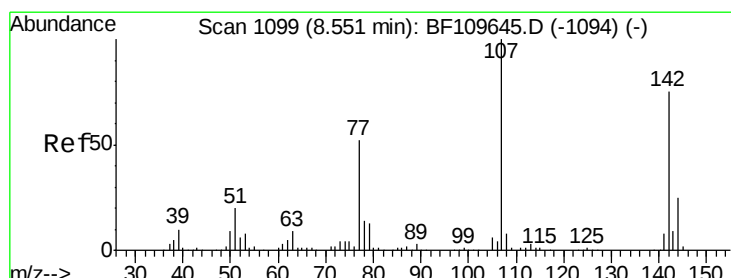
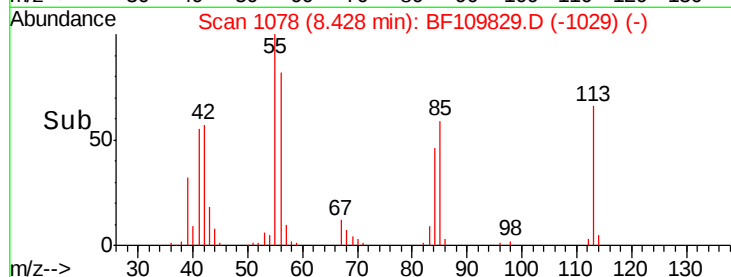
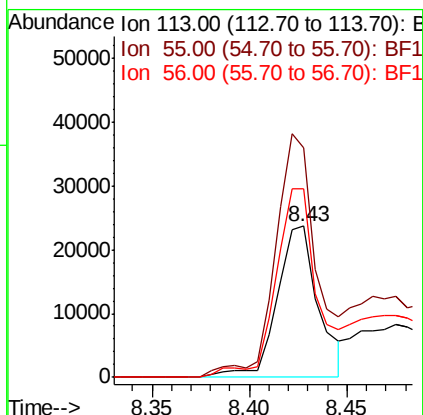
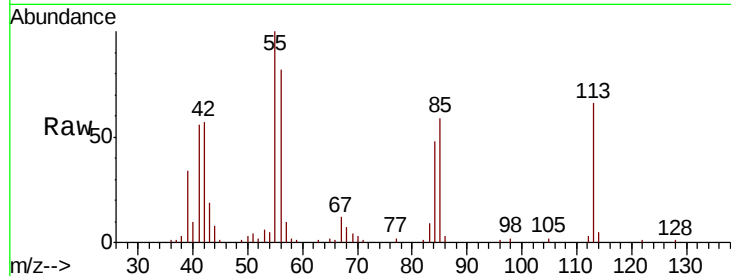




#35
Caprolactam
Concen: 22.245 ng
RT: 8.43 min Scan# 1078
Delta R.T. -0.01 min
Lab File: BF109829.D
Acq: 12 Oct 2018 13:12

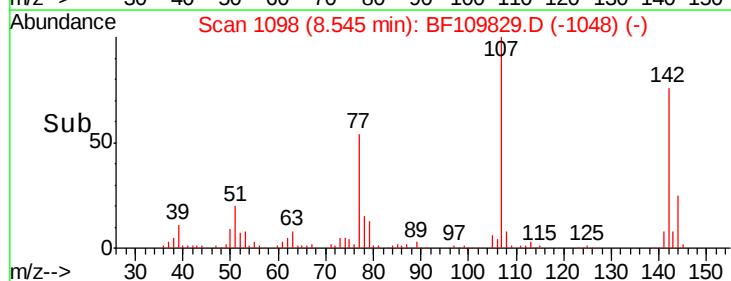
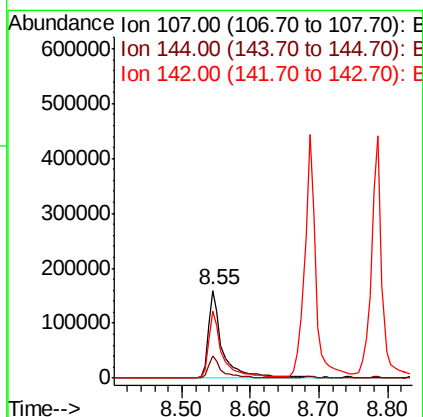
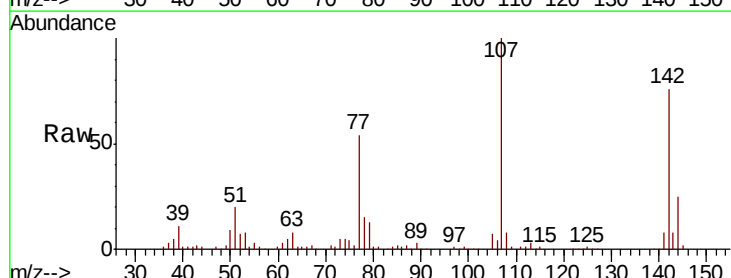
Instrument :
BNA_F
ClientSampled :

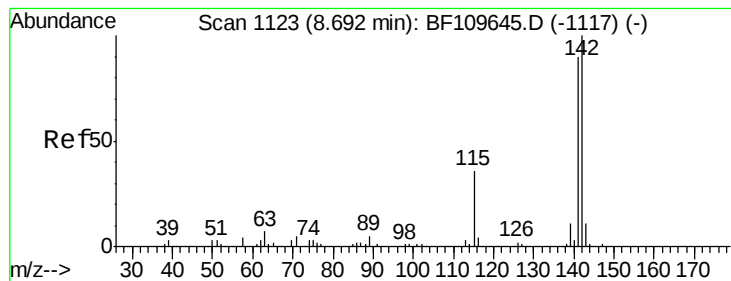
Tot Ion:113 Resp: 34792
Ion Ratio Lower Upper
113 100
55 152.2 142.8 182.8
56 125.2 105.0 145.0



#36
4-Chloro-3-methylphenol
Concen: 42.373 ng
RT: 8.55 min Scan# 1098
Delta R.T. -0.01 min
Lab File: BF109829.D
Acq: 12 Oct 2018 13:12

Tgt Ion:107 Resp: 234245
Ion Ratio Lower Upper
107 100
144 24.9 20.0 30.0
142 76.1 59.7 89.5

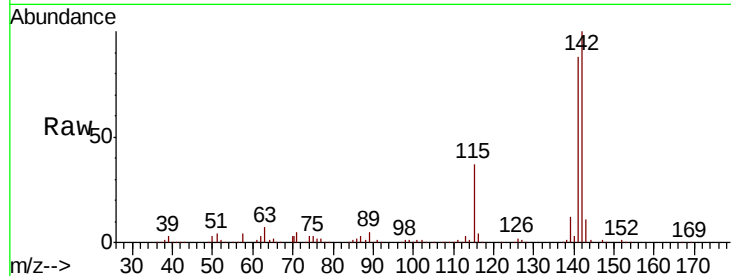




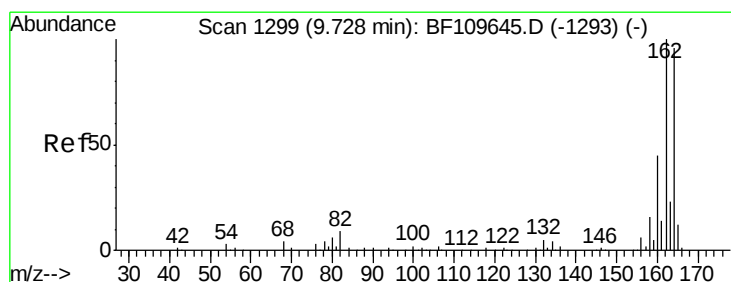
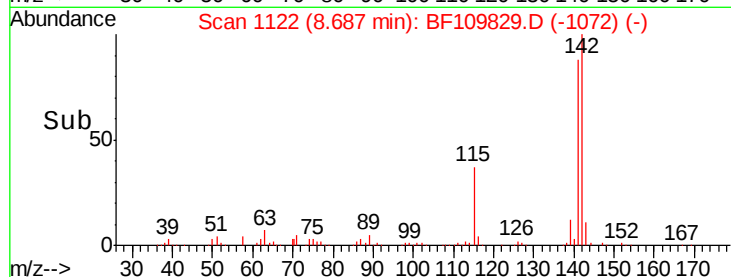
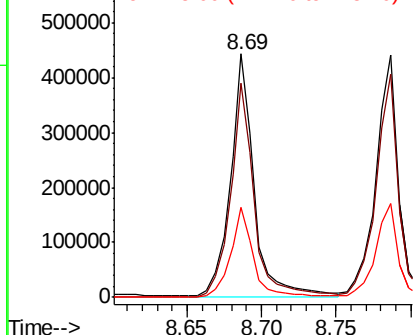
#37
 2-Methylnaphthalene
 Concen: 45.053 ng
 RT: 8.69 min Scan# 1122
 Delta R.T. -0.01 min
 Lab File: BF109829.D
 Acq: 12 Oct 2018 13:12

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:142 Resp: 499772
 Ion Ratio Lower Upper
 142 100
 141 87.9 71.4 107.2
 115 36.9 28.7 43.1

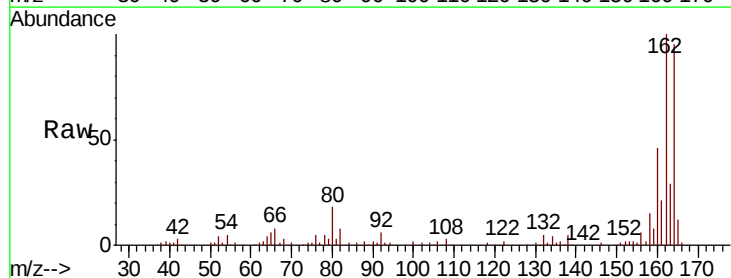


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

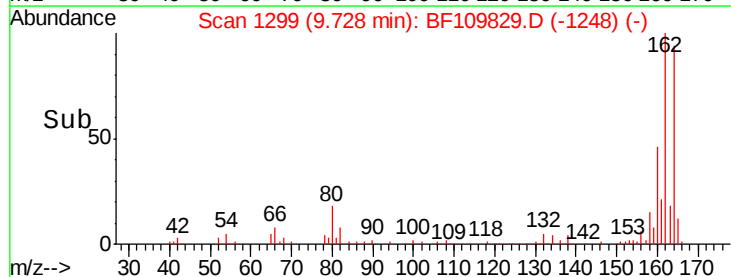
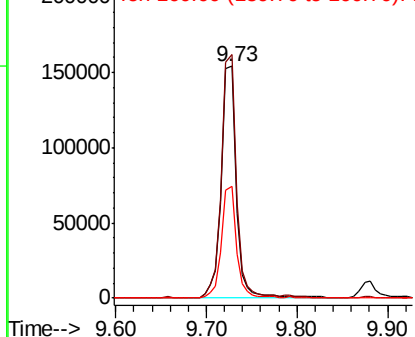


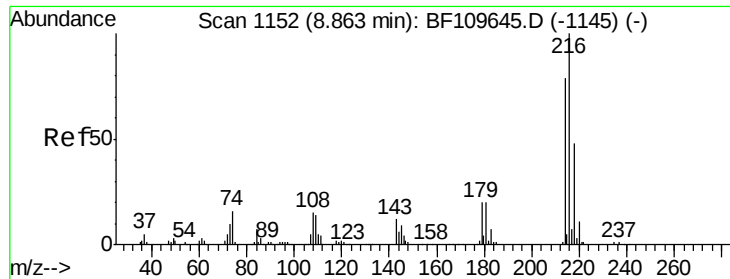
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1299
 Delta R.T. 0.00 min
 Lab File: BF109829.D
 Acq: 12 Oct 2018 13:12

Tgt Ion:164 Resp: 177715
 Ion Ratio Lower Upper
 164 100
 162 105.0 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

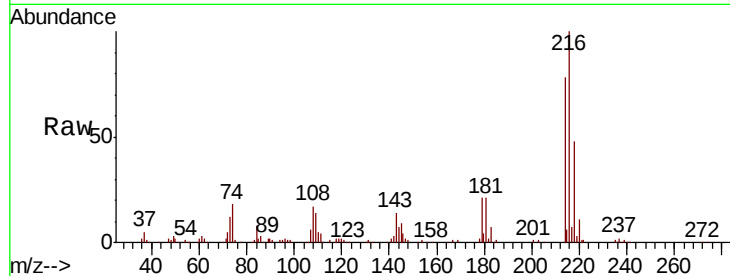




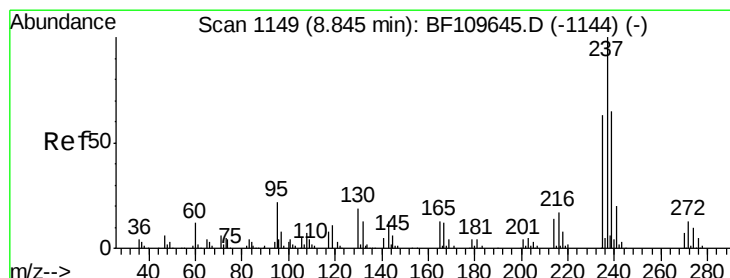
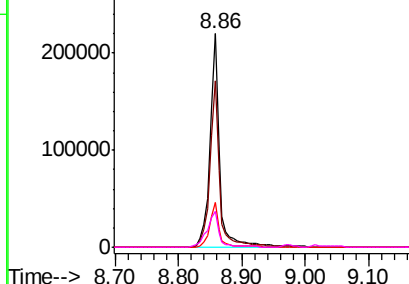
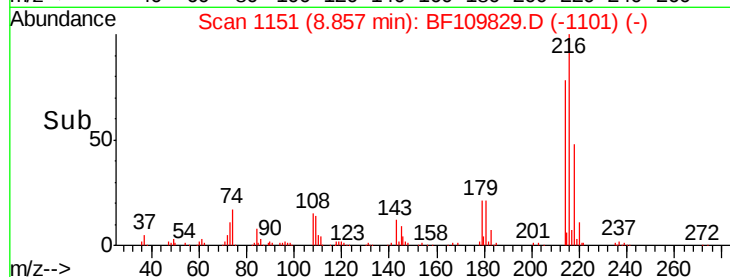
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.957 ng
 RT: 8.86 min Scan# 1151
 Delta R.T. -0.01 min
 Lab File: BF109829.D
 Acq: 12 Oct 2018 13:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	235671
Ion	Ratio	Lower	Upper
216	100		
214	79.0	63.8	95.6
179	20.8	16.6	25.0
108	21.2	15.1	22.7

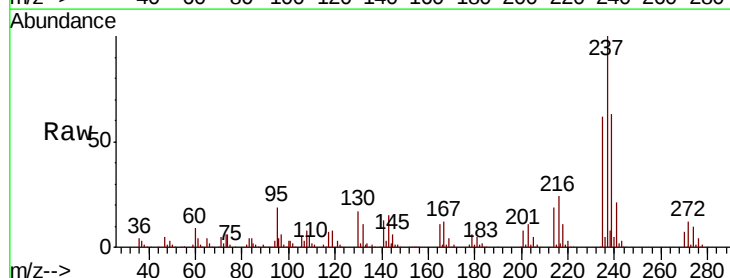


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

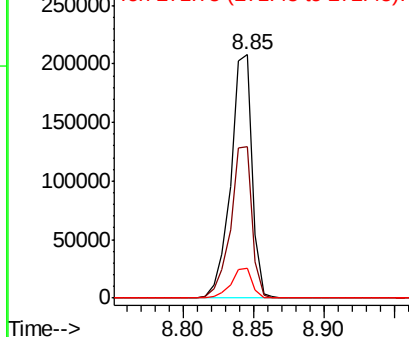
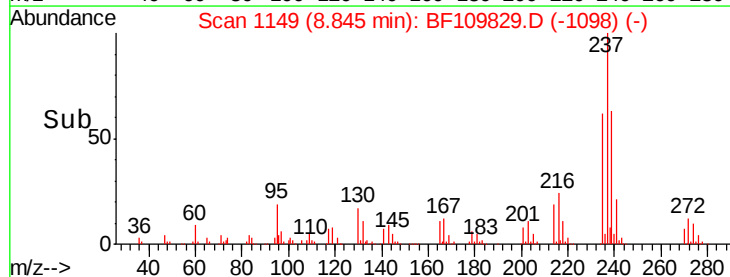


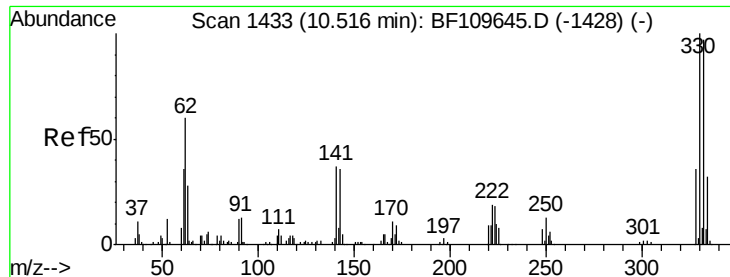
#40
 Hexachlorocyclopentadiene
 Concen: 82.092 ng
 RT: 8.85 min Scan# 1149
 Delta R.T. 0.00 min
 Lab File: BF109829.D
 Acq: 12 Oct 2018 13:12

Tgt Ion:	237	Resp:	218000
Ion	Ratio	Lower	Upper
237	100		
235	62.2	43.1	83.1
272	12.4	0.0	32.6



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

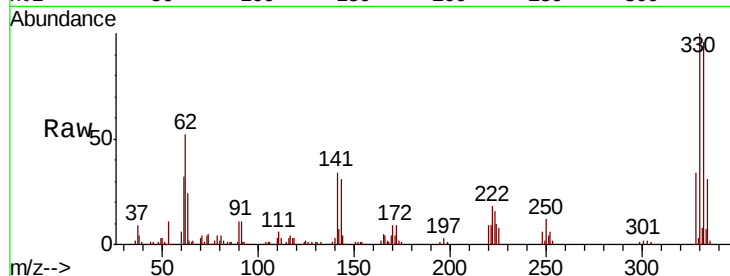




#41
 2,4,6-Tribromophenol
 Concen: 119.543 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. 0.00 min
 Lab File: BF109829.D
 Acq: 12 Oct 2018 13:12

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.2	77.1	115.7
141	33.8	27.0	40.4

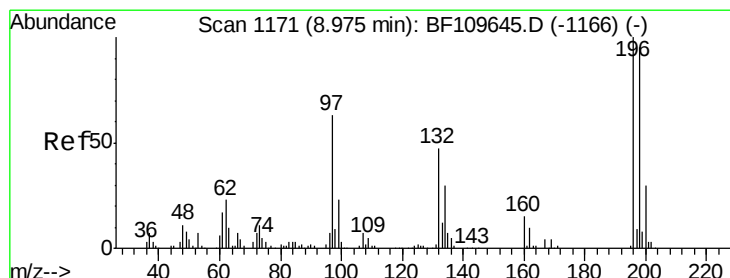
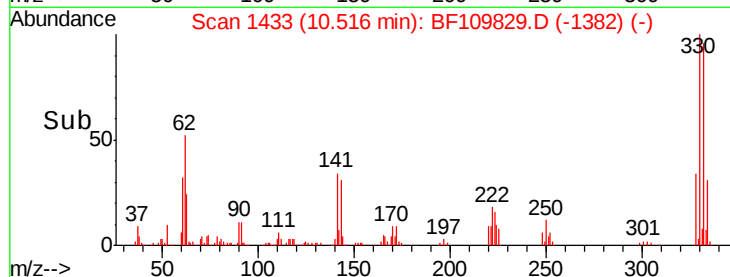
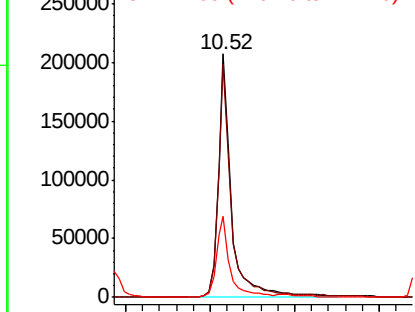


Abundance

Ion 329.80 (329.50 to 330.50): E

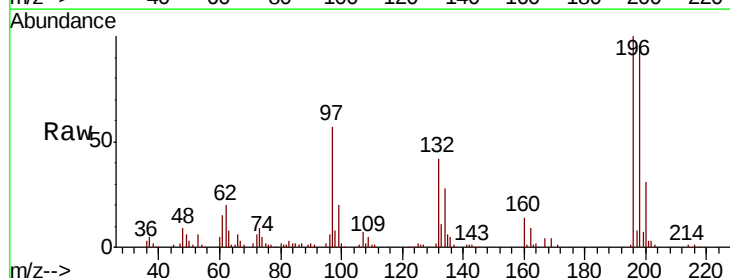
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 37.499 ng
 RT: 8.97 min Scan# 1171
 Delta R.T. 0.00 min
 Lab File: BF109829.D
 Acq: 12 Oct 2018 13:12

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.9	76.2	114.4
200	30.9	24.4	36.6

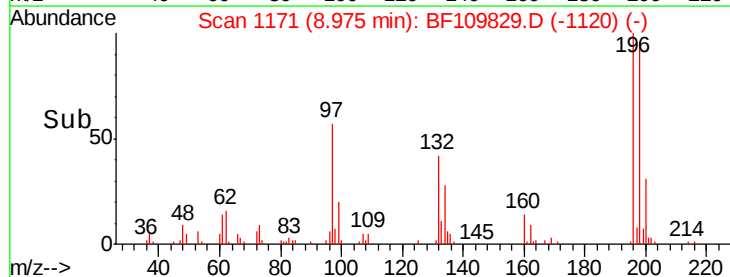
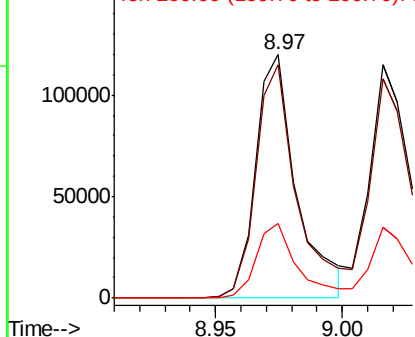


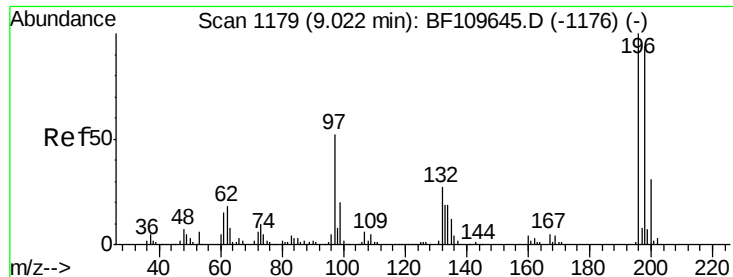
Abundance

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

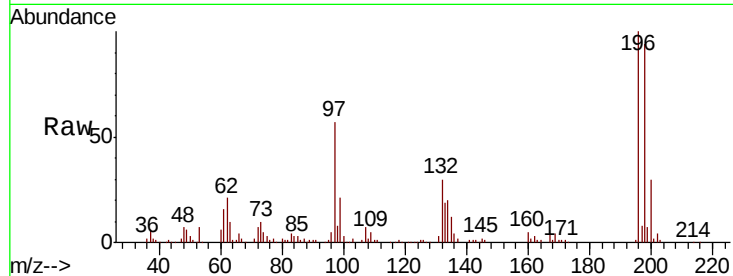




#43
 2,4,5-Trichlorophenol
 Concen: 38.331 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.01 min
 Lab File: BF109829.D
 Acq: 12 Oct 2018 13:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	93.7	75.8	113.6
97	56.6	42.4	63.6
132	30.3	22.8	34.2



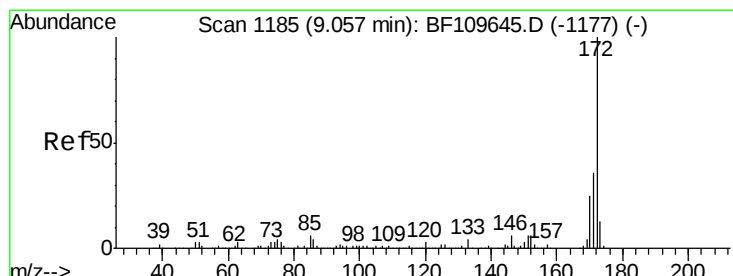
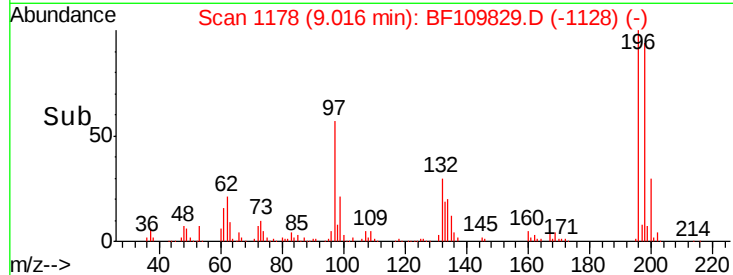
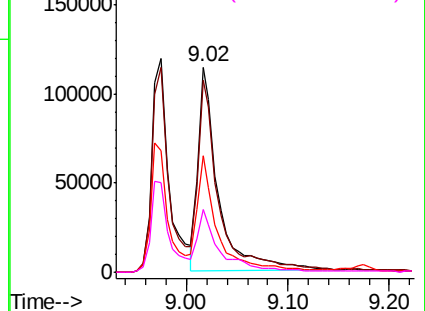
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

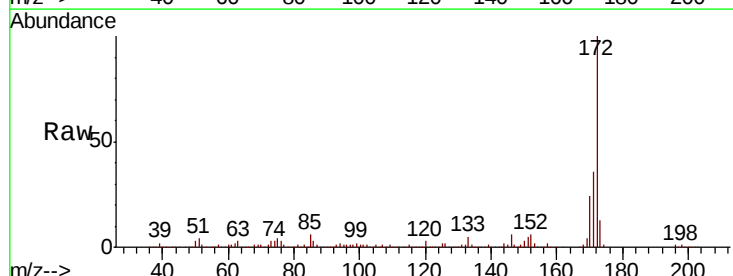
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 78.139 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: BF109829.D
 Acq: 12 Oct 2018 13:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.6	43.0
170	23.8	19.7	29.5

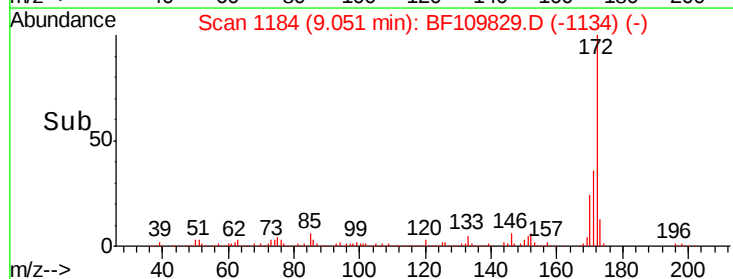
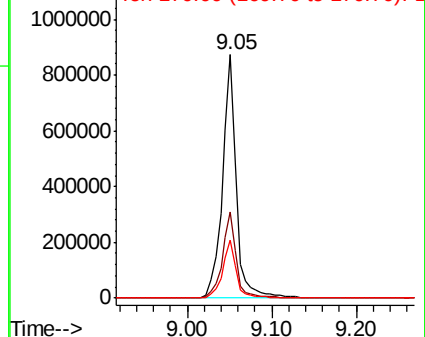


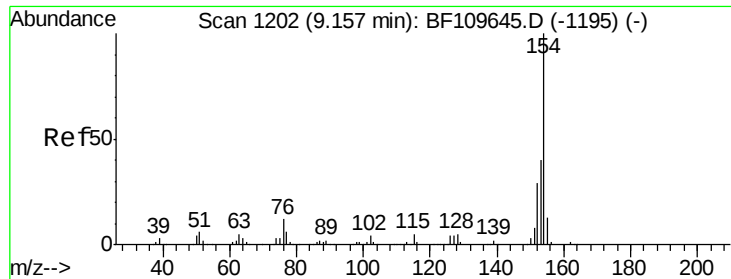
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

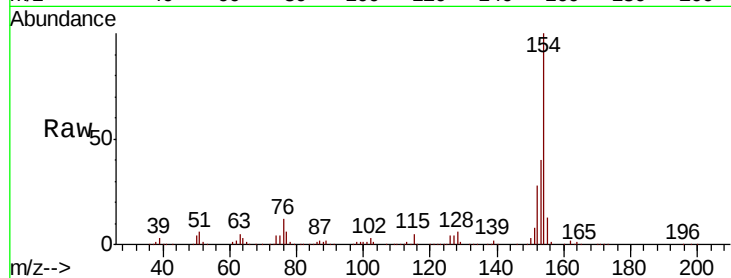




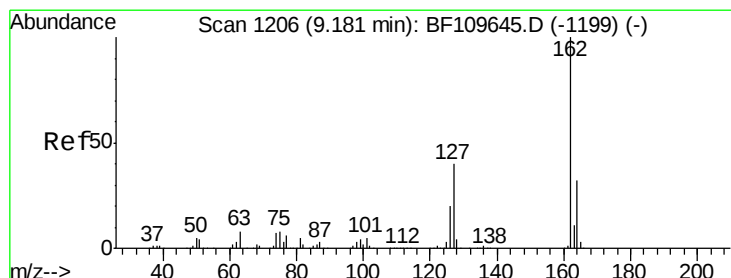
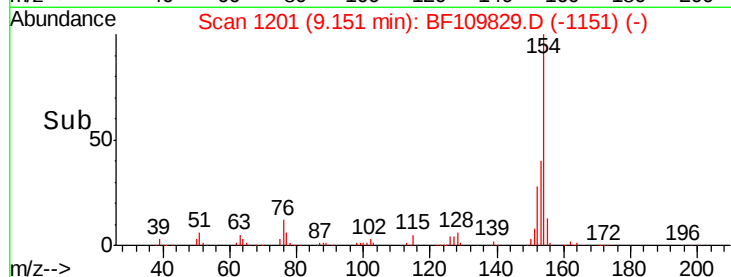
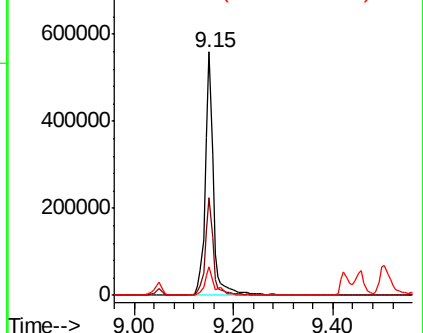
#45
 1,1'-Biphenyl
 Concen: 39.167 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF109829.D
 Acq: 12 Oct 2018 13:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 621826
 Ion Ratio Lower Upper
 154 100
 153 40.1 20.4 60.4
 76 11.5 0.0 31.9

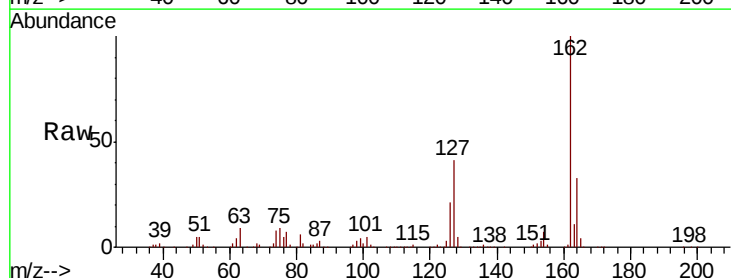


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

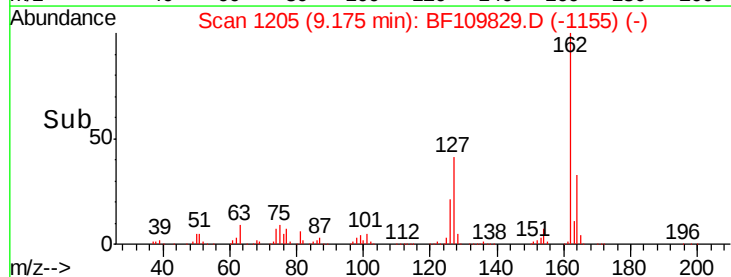
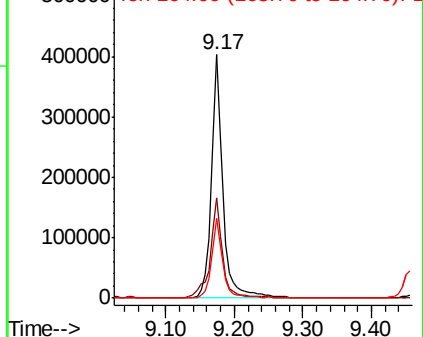


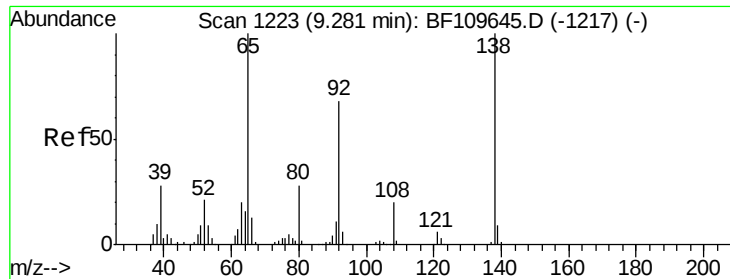
#46
 2-Chloronaphthalene
 Concen: 39.774 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.01 min
 Lab File: BF109829.D
 Acq: 12 Oct 2018 13:12

Tgt Ion:162 Resp: 473084
 Ion Ratio Lower Upper
 162 100
 127 41.3 32.6 48.8
 164 32.7 25.9 38.9



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

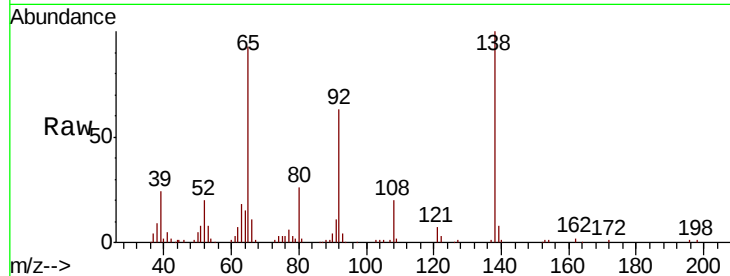




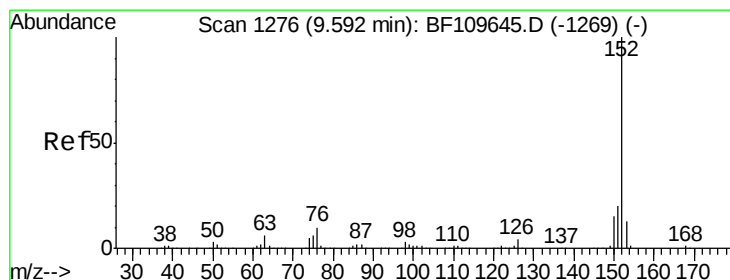
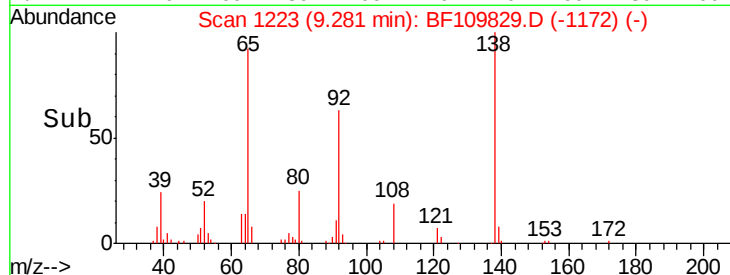
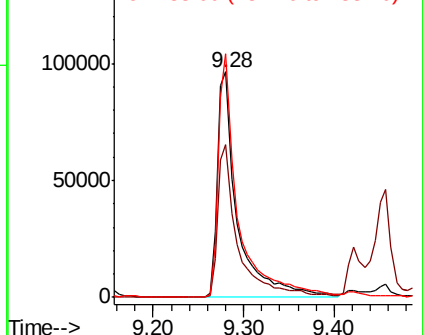
#47
2-Nitroaniline
Concen: 41.026 ng
RT: 9.28 min Scan# 1223
Delta R.T. 0.00 min
Lab File: BF109829.D
Acq: 12 Oct 2018 13:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 65 Resp: 147754
Ion Ratio Lower Upper
65 100
92 67.5 54.6 81.8
138 108.0 80.3 120.5

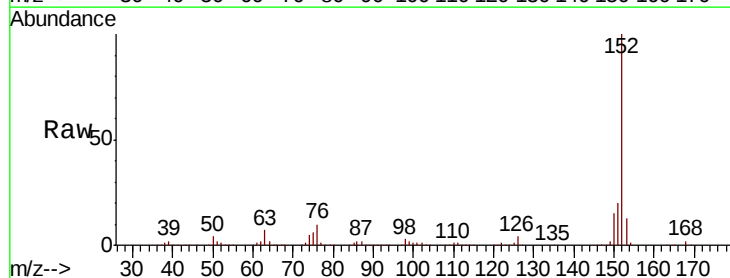


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

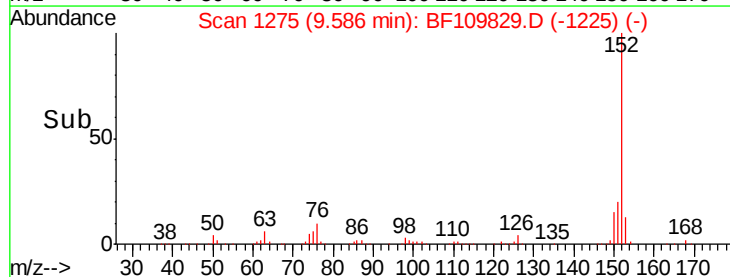
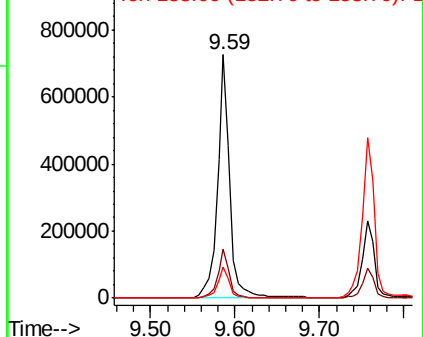


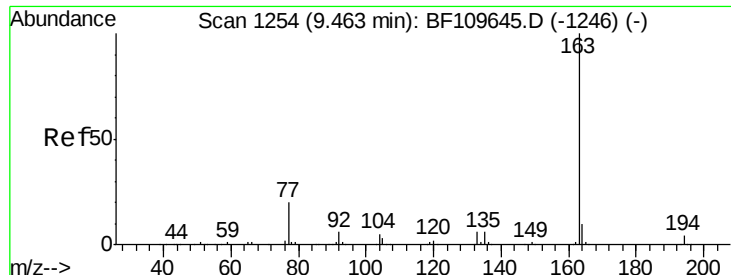
#48
Acenaphthylene
Concen: 43.227 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.01 min
Lab File: BF109829.D
Acq: 12 Oct 2018 13:12

Tgt Ion: 152 Resp: 749565
Ion Ratio Lower Upper
152 100
151 20.1 15.8 23.8
153 12.9 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

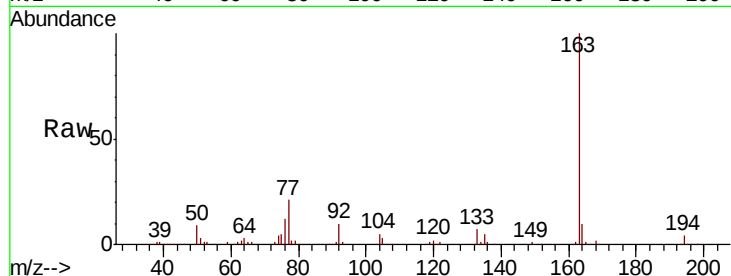




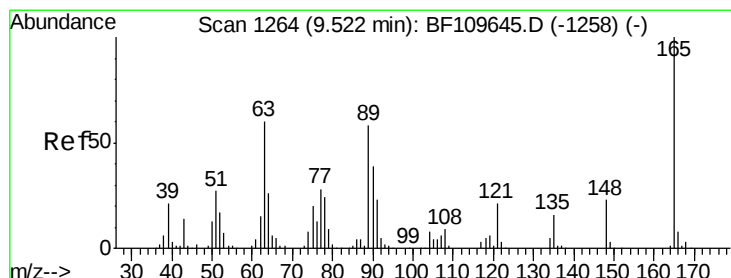
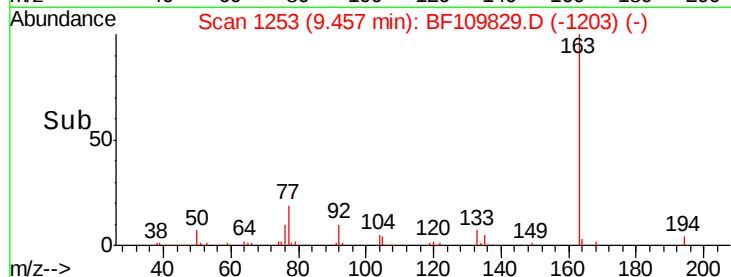
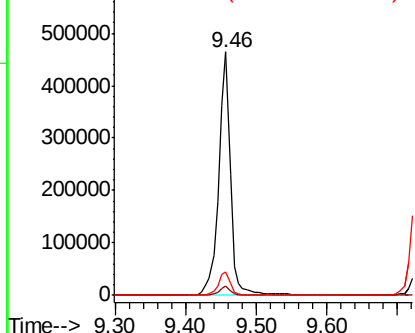
#49
Dimethylphthalate
Concen: 41.207 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BF109829.D
Acq: 12 Oct 2018 13:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 537077
Ion Ratio Lower Upper
163 100
194 3.8 3.2 4.8
164 9.6 8.1 12.1

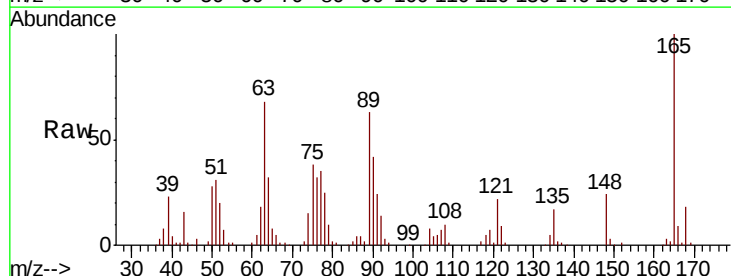


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

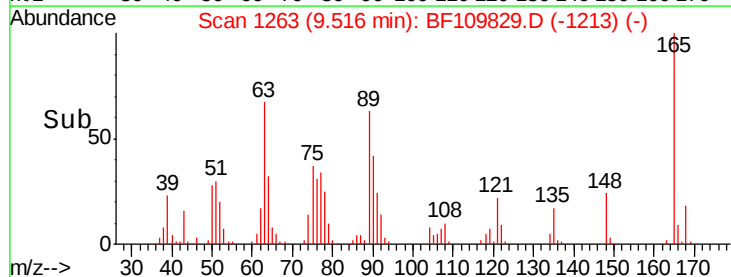
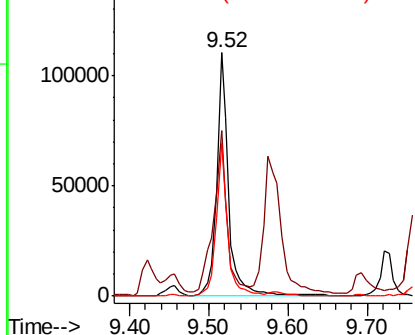


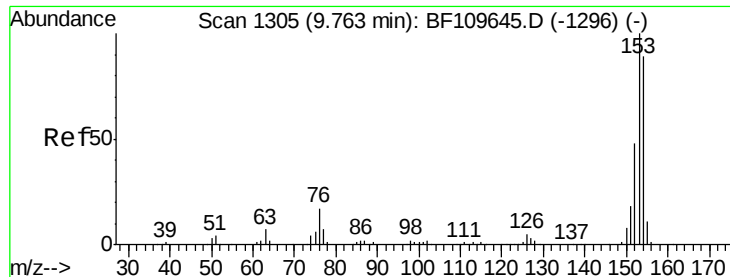
#50
2,6-Dinitrotoluene
Concen: 41.544 ng
RT: 9.52 min Scan# 1263
Delta R.T. -0.01 min
Lab File: BF109829.D
Acq: 12 Oct 2018 13:12

Tgt Ion:165 Resp: 117373
Ion Ratio Lower Upper
165 100
63 68.2 48.9 73.3
89 62.7 46.6 69.8



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





#51

Acenaphthene

Concen: 40.489 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF109829.D

Acq: 12 Oct 2018 13:12

Instrument :

BNA_F

ClientSampleId :

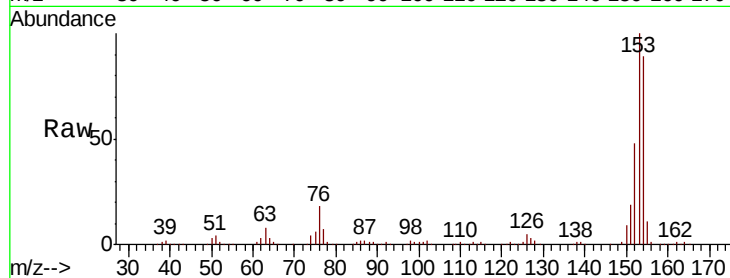
Tot Ion:154 Resp: 416201

Ion Ratio Lower Upper

154 100

153 112.4 90.1 135.1

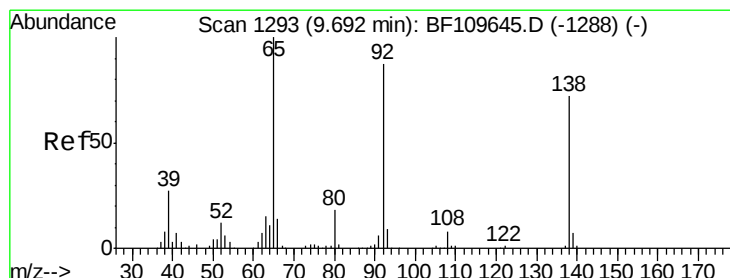
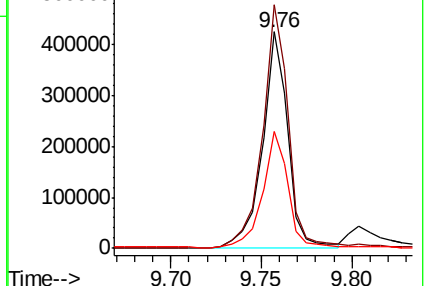
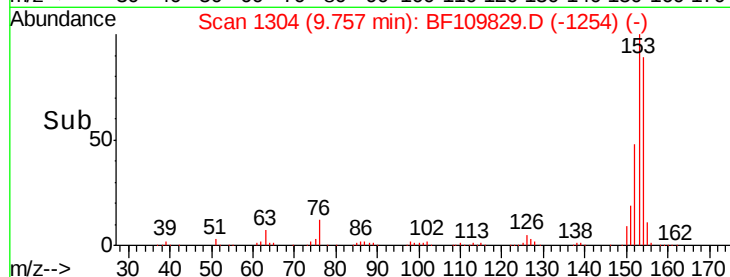
152 54.1 43.4 65.2



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: 26.133 ng

RT: 9.69 min Scan# 1293

Delta R.T. 0.00 min

Lab File: BF109829.D

Acq: 12 Oct 2018 13:12

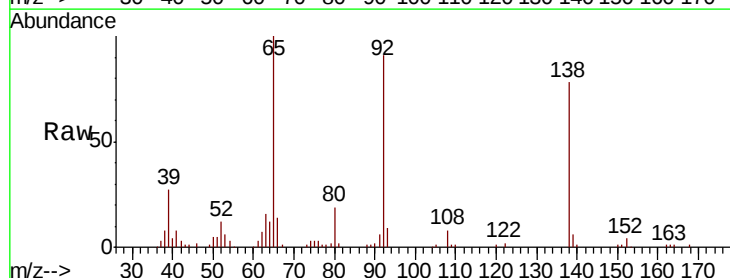
Tgt Ion:138 Resp: 82764

Ion Ratio Lower Upper

138 100

108 10.6 8.7 13.1

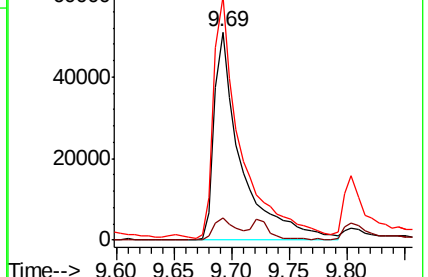
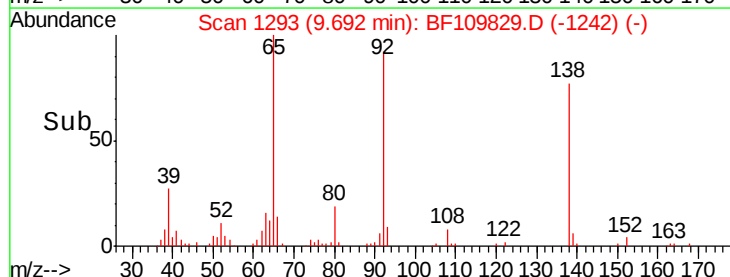
92 116.9 97.0 145.4

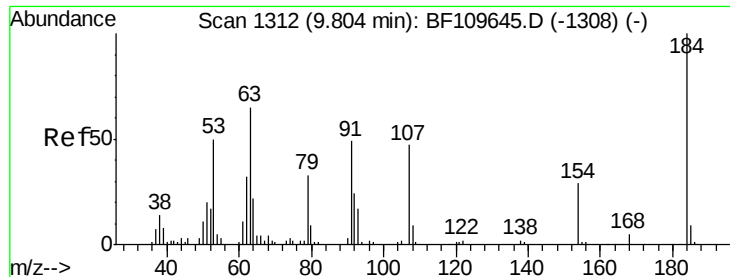


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

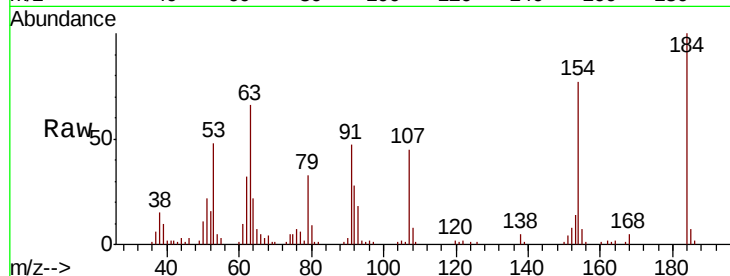




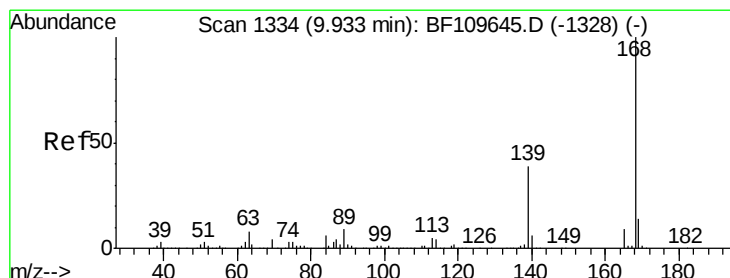
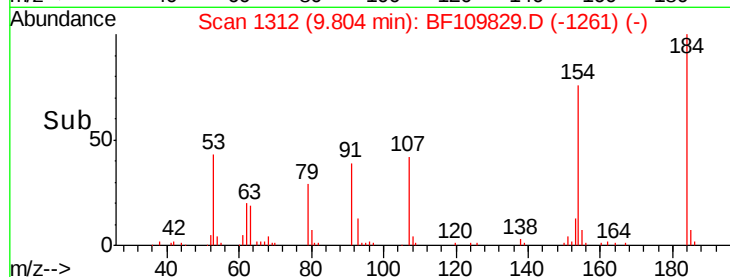
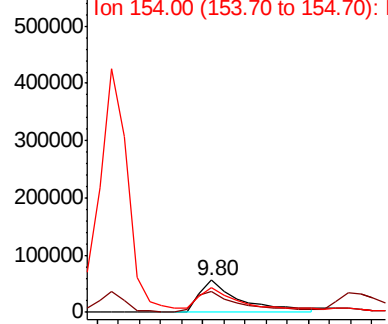
#53
 2,4-Dinitrophenol
 Concen: 83.678 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. 0.00 min
 Lab File: BF109829.D
 Acq: 12 Oct 2018 13:12

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:184 Resp: 76275
 Ion Ratio Lower Upper
 184 100
 63 66.0 55.8 83.6
 154 77.1 63.2 94.8

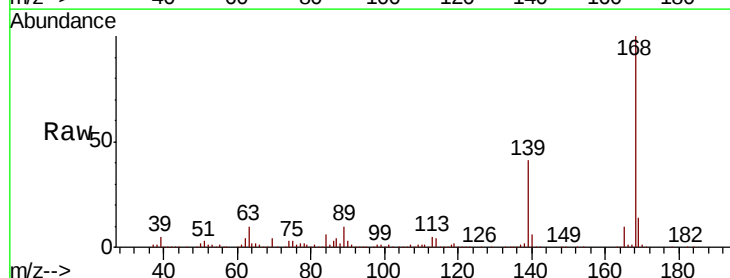


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

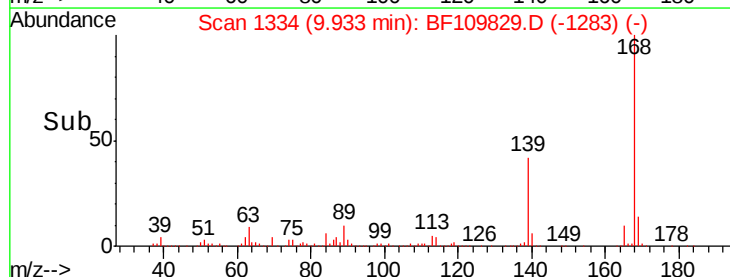
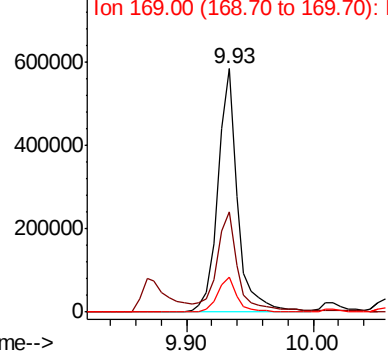


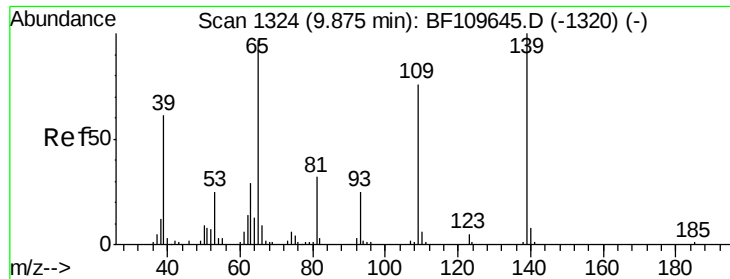
#54
 Dibenzofuran
 Concen: 40.806 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: BF109829.D
 Acq: 12 Oct 2018 13:12

Tgt Ion:168 Resp: 628752
 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

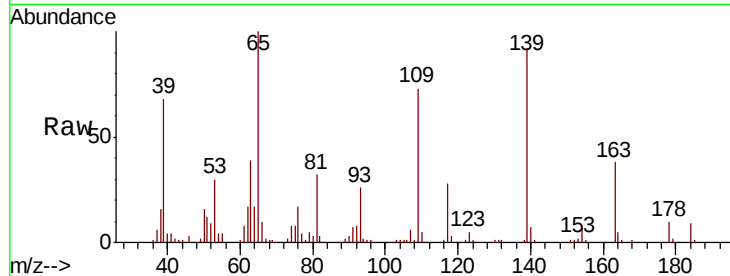




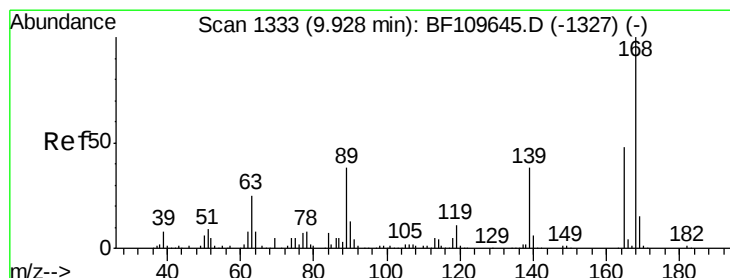
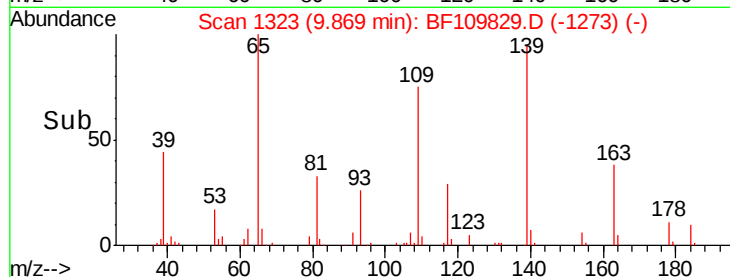
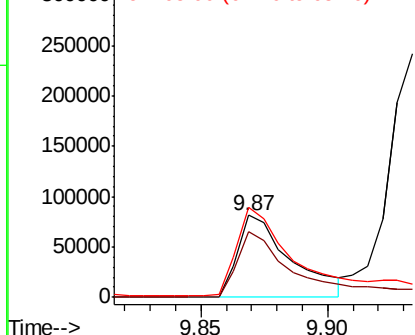
#55
4-Nitrophenol
Concen: 68.639 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BF109829.D
Acq: 12 Oct 2018 13:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 118987
Ion Ratio Lower Upper
139 100
109 79.7 55.8 95.8
65 109.1 77.9 117.9



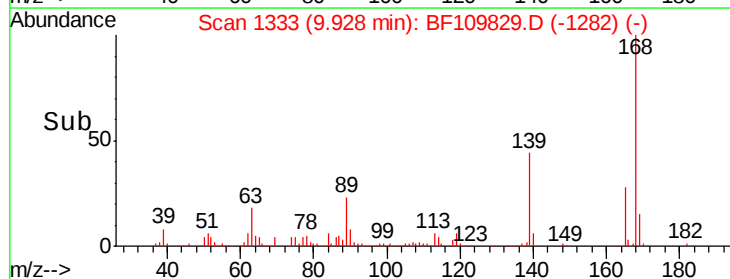
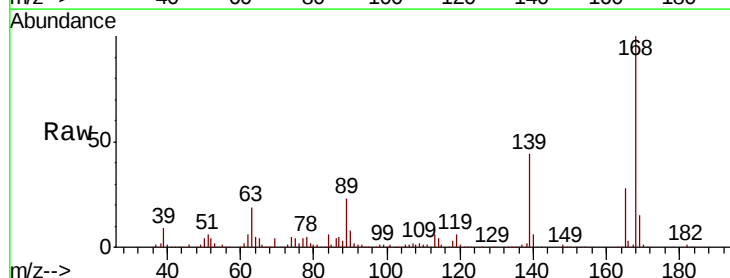
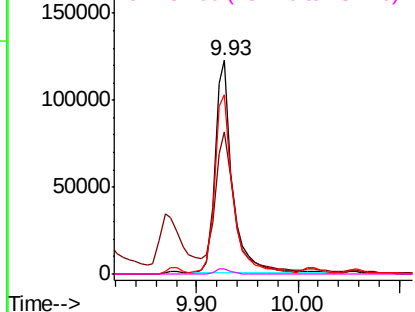
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

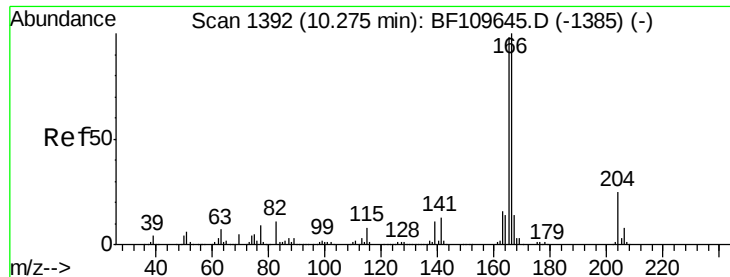


#56
2,4-Dinitrotoluene
Concen: 41.680 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BF109829.D
Acq: 12 Oct 2018 13:12

Tgt Ion:165 Resp: 146955
Ion Ratio Lower Upper
165 100
63 66.8 44.8 67.2
89 83.7 62.2 93.4
182 2.6 2.1 3.1

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

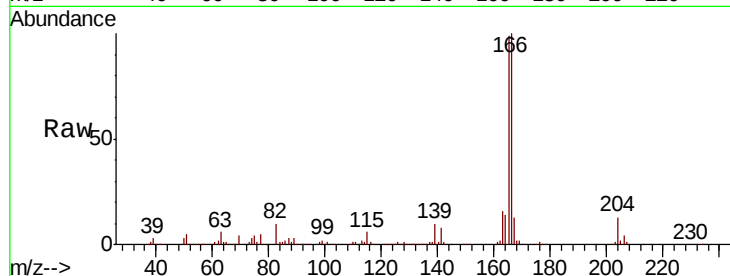




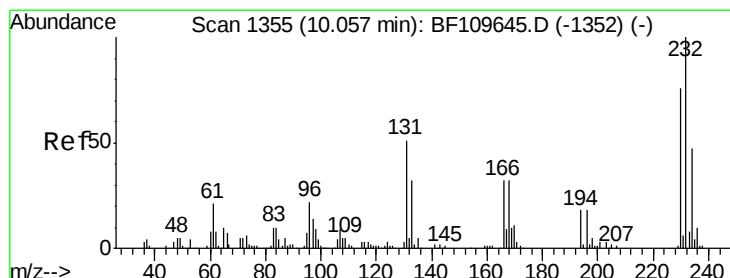
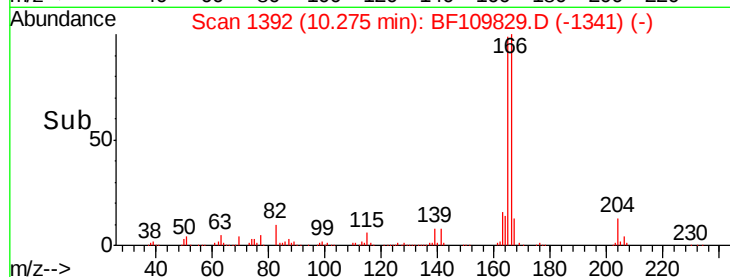
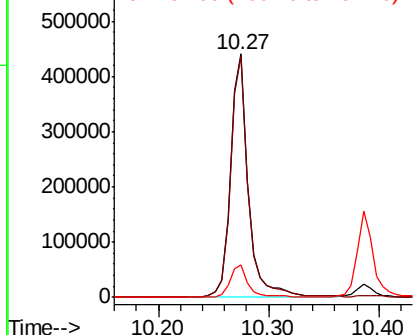
#57
 Fluorene
 Concen: 43.459 ng
 RT: 10.27 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: BF109829.D
 Acq: 12 Oct 2018 13:12

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:166 Resp: 500068
 Ion Ratio Lower Upper
 166 100
 165 99.2 78.6 117.8
 167 13.1 10.8 16.2

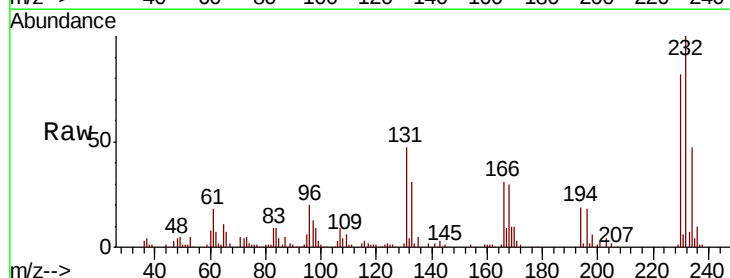


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

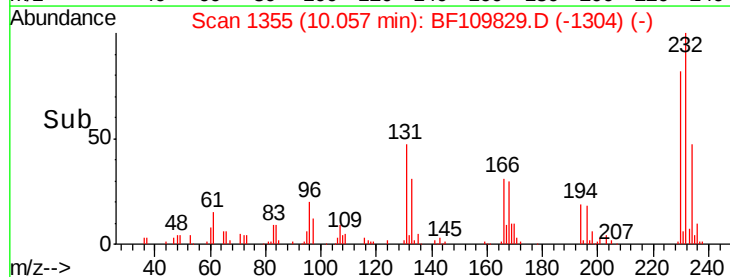
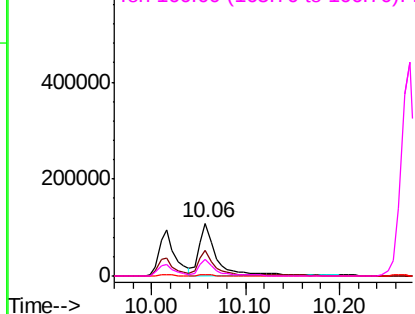


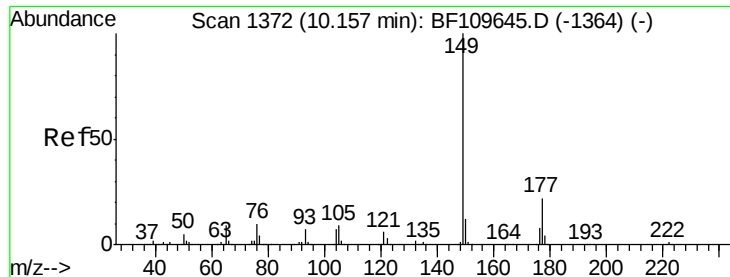
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 41.375 ng
 RT: 10.06 min Scan# 1355
 Delta R.T. 0.00 min
 Lab File: BF109829.D
 Acq: 12 Oct 2018 13:12

Tgt Ion:232 Resp: 139850
 Ion Ratio Lower Upper
 232 100
 131 43.1 37.0 55.4
 130 2.2 1.8 2.6
 166 27.7 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

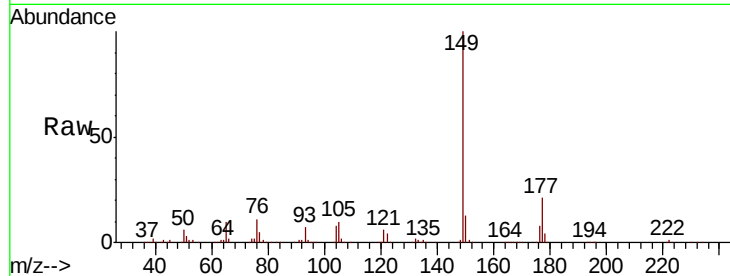




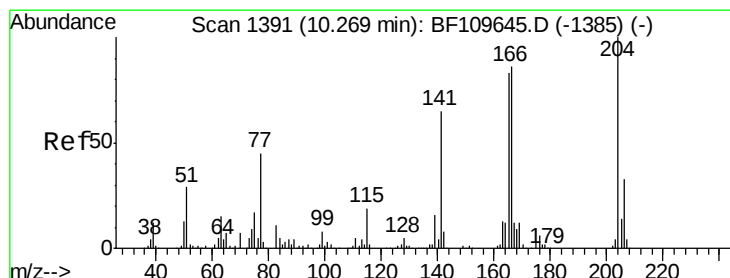
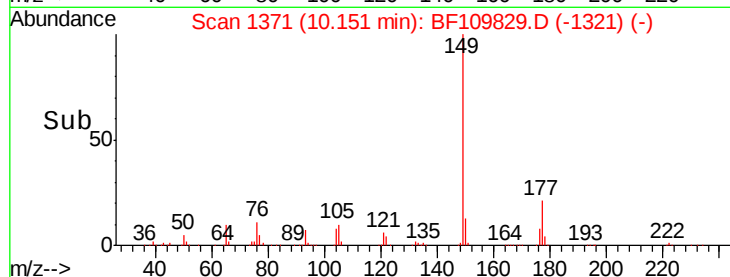
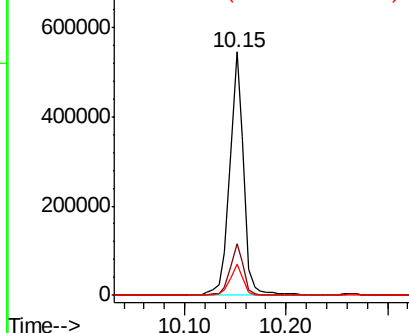
#59
Diethylphthalate
Concen: 40.527 ng
RT: 10.15 min Scan# 1371
Delta R.T. -0.01 min
Lab File: BF109829.D
Acq: 12 Oct 2018 13:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 523361
Ion Ratio Lower Upper
149 100
177 21.0 17.4 26.2
150 12.6 9.8 14.8

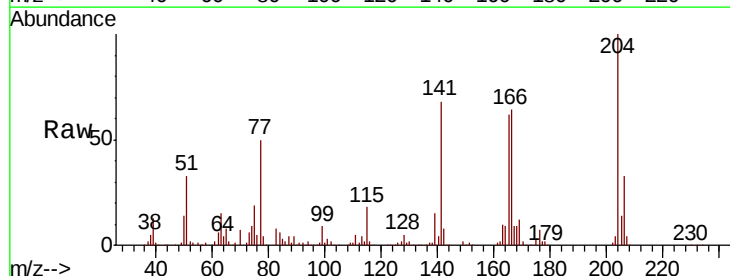


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

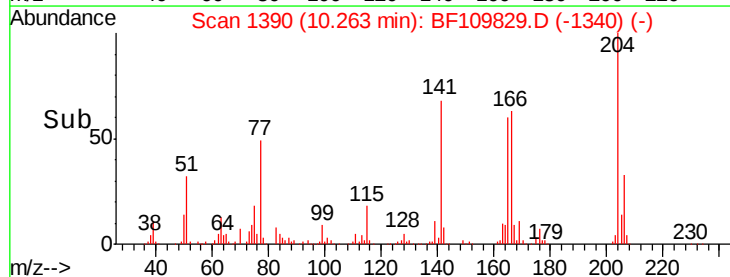
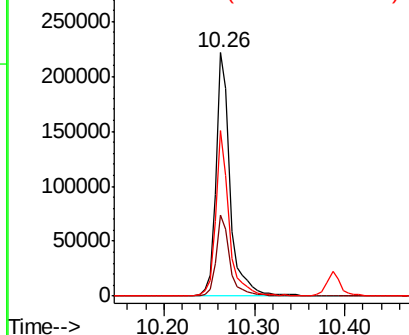


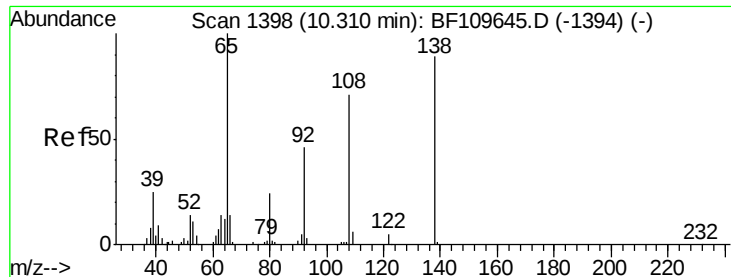
#60
4-Chlorophenyl-phenylether
Concen: 39.503 ng
RT: 10.26 min Scan# 1390
Delta R.T. -0.01 min
Lab File: BF109829.D
Acq: 12 Oct 2018 13:12

Tgt Ion:204 Resp: 239805
Ion Ratio Lower Upper
204 100
206 33.1 26.5 39.7
141 68.2 51.8 77.8



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

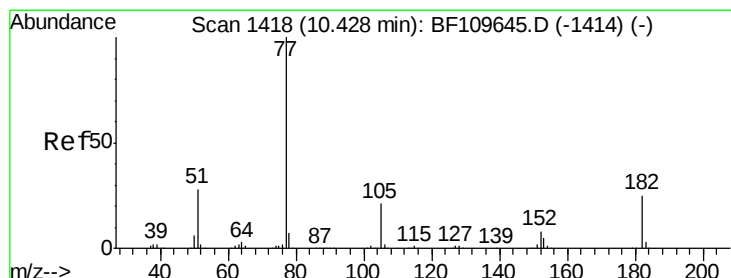
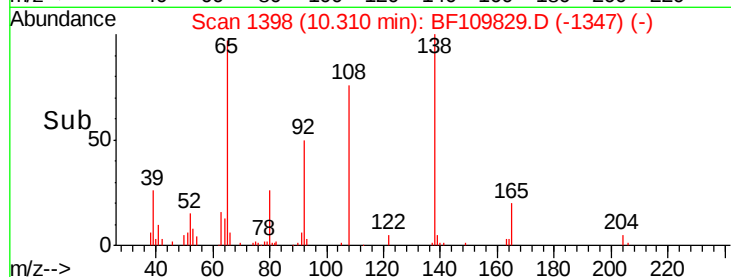
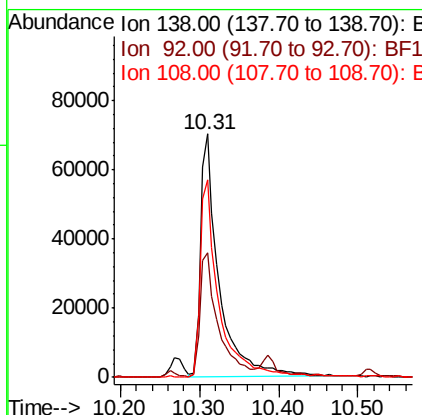
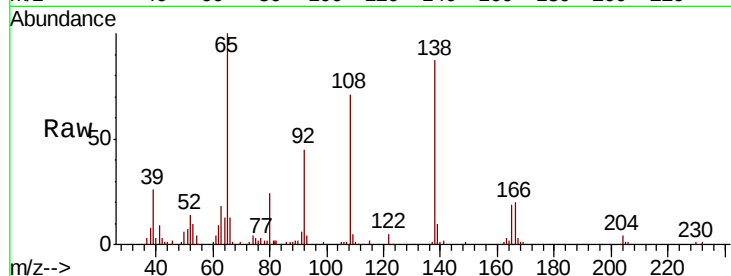




#61
4-Nitroaniline
Concen: 39.045 ng
RT: 10.31 min Scan# 1398
Delta R.T. 0.00 min
Lab File: BF109829.D
Acq: 12 Oct 2018 13:12

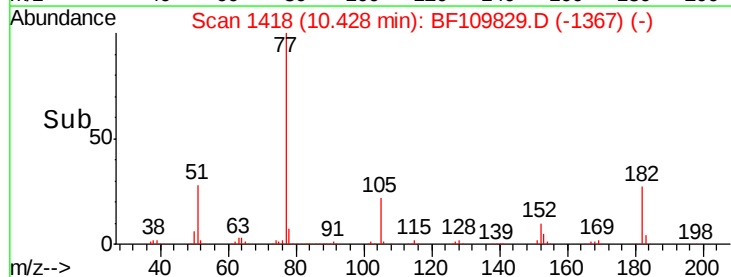
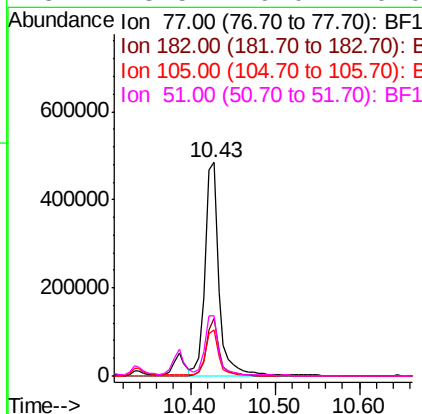
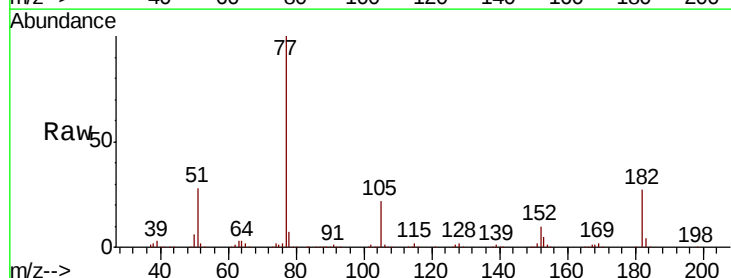
Instrument :
BNA_F
ClientSampled :

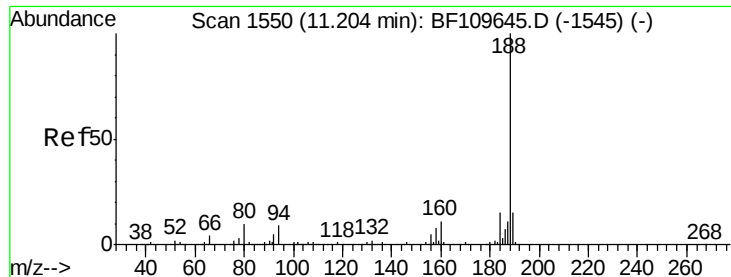
Tot Ion:138 Resp: 114519
Ion Ratio Lower Upper
138 100
92 51.0 31.7 71.7
108 81.4 59.3 99.3



#62
Azobenzene
Concen: 42.263 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.00 min
Lab File: BF109829.D
Acq: 12 Oct 2018 13:12

Tgt Ion: 77 Resp: 554230
Ion Ratio Lower Upper
77 100
182 26.9 4.3 44.3
105 21.8 1.3 41.3
51 28.5 9.0 49.0

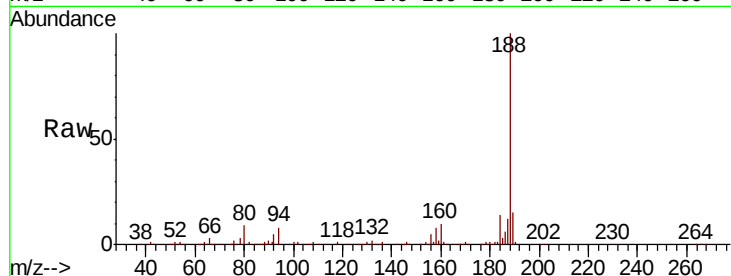




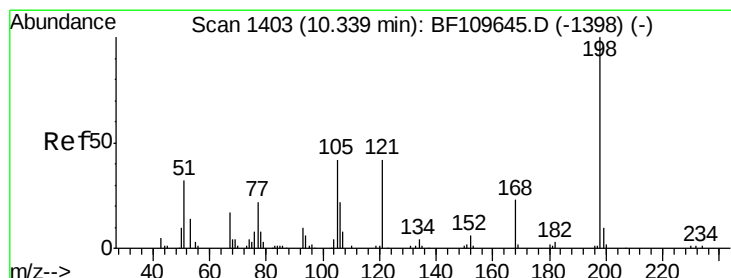
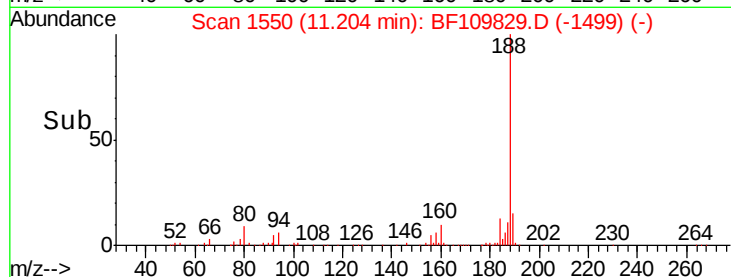
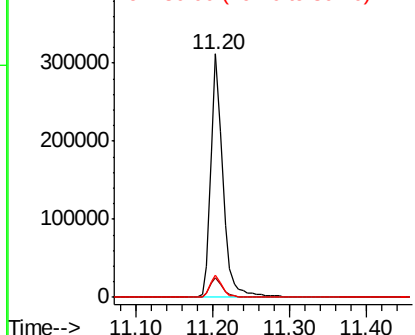
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1550
Delta R.T. 0.00 min
Lab File: BF109829.D
Acq: 12 Oct 2018 13:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 338239
Ion Ratio Lower Upper
188 100
94 8.1 7.2 10.8
80 9.2 7.9 11.9

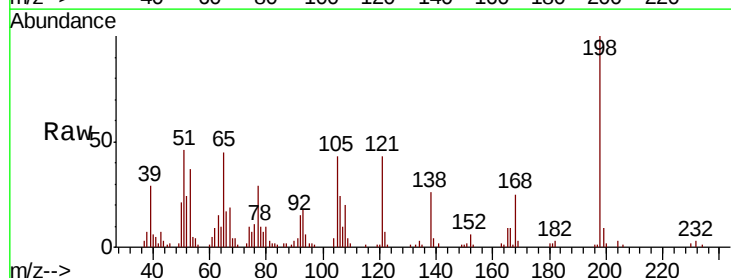


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

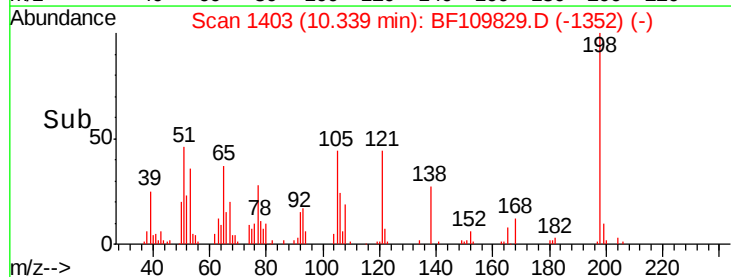
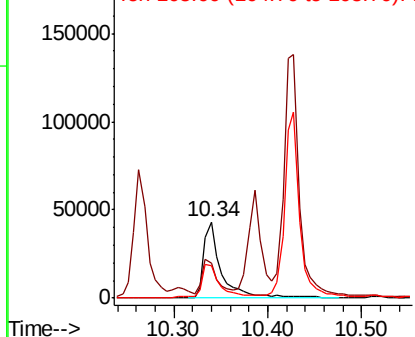


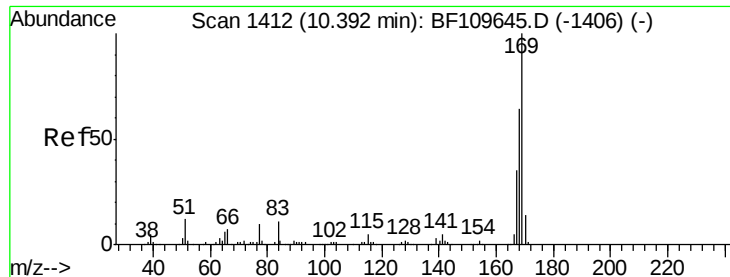
#64
4,6-Dinitro-2-methylphenol
Concen: 34.662 ng
RT: 10.34 min Scan# 1403
Delta R.T. 0.00 min
Lab File: BF109829.D
Acq: 12 Oct 2018 13:12

Tgt Ion:198 Resp: 57064
Ion Ratio Lower Upper
198 100
51 46.0 22.8 62.8
105 43.1 23.6 63.6



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

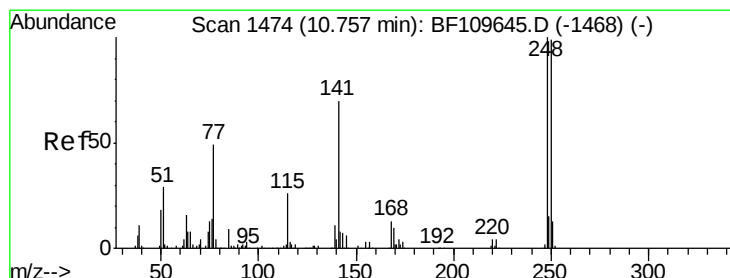
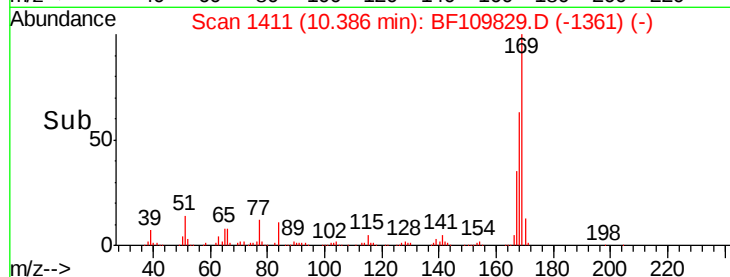
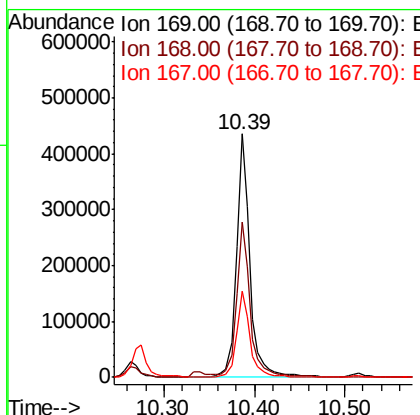
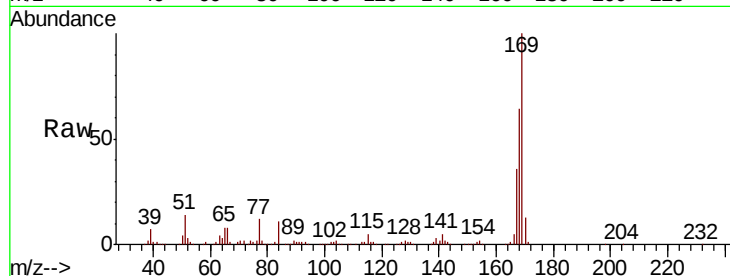




#65
 n-Nitrosodiphenylamine
 Concen: 40.199 ng
 RT: 10.39 min Scan# 1411
 Delta R.T. -0.01 min
 Lab File: BF109829.D
 Acq: 12 Oct 2018 13:12

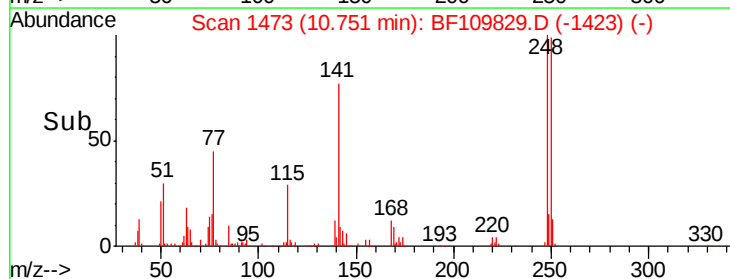
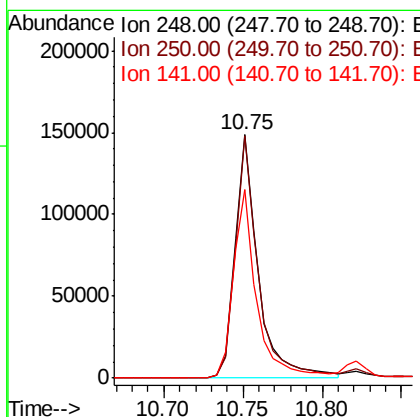
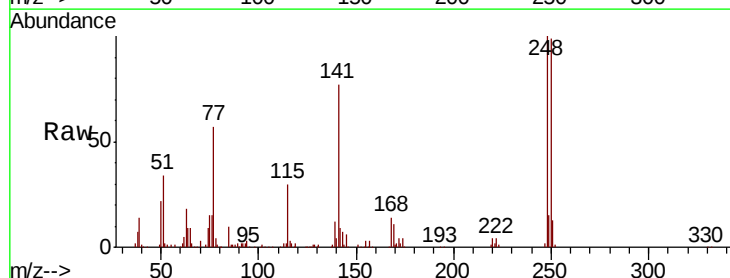
Instrument :
 BNA_F
 ClientSampleID :

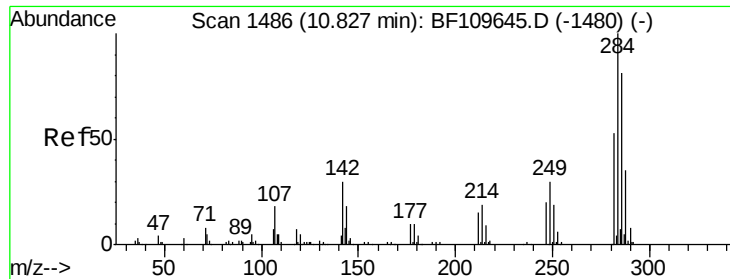
Tot Ion	Ratio	Lower	Upper
169	100		
168	63.5	51.2	76.8
167	35.6	27.8	41.6



#66
 4-Bromophenyl-phenylether
 Concen: 39.246 ng
 RT: 10.75 min Scan# 1473
 Delta R.T. -0.01 min
 Lab File: BF109829.D
 Acq: 12 Oct 2018 13:12

Tgt Ion	Ratio	Lower	Upper
248	100		
250	99.5	79.4	119.2
141	77.2	55.9	83.9





#67

Hexachlorobenzene

Concen: 38.328 ng

RT: 10.82 min Scan# 1485

Delta R.T. -0.01 min

Lab File: BF109829.D

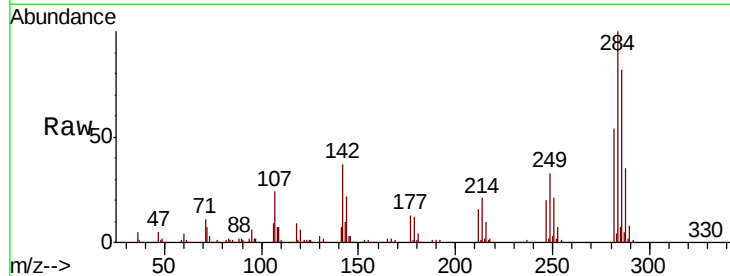
Acq: 12 Oct 2018 13:12

Instrument :

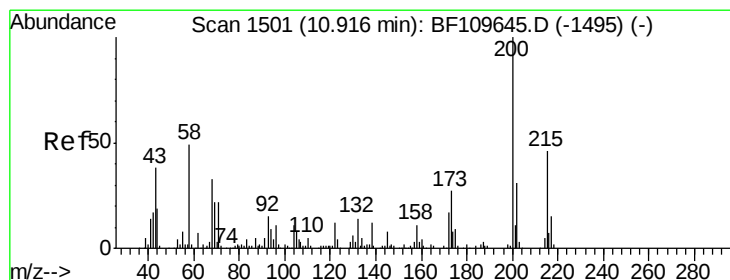
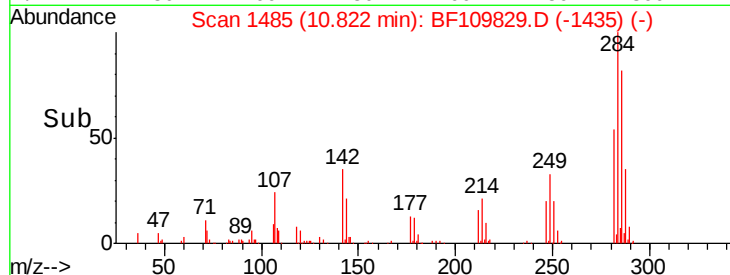
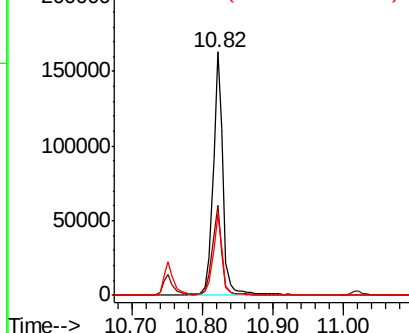
BNA_F

ClientSampled :

Tot Ion:	284	Resp:	161301
Ion	Ratio	Lower	Upper
284	100		
142	36.8	23.9	35.9#
249	33.5	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: 40.321 ng

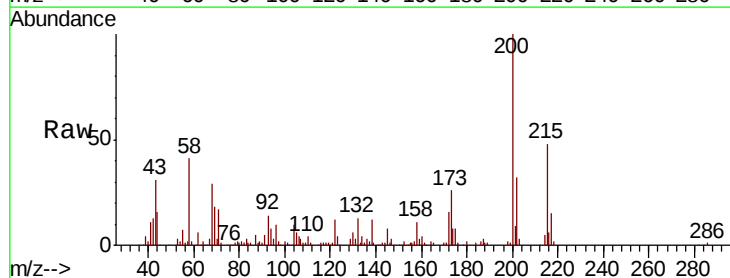
RT: 10.92 min Scan# 1501

Delta R.T. 0.00 min

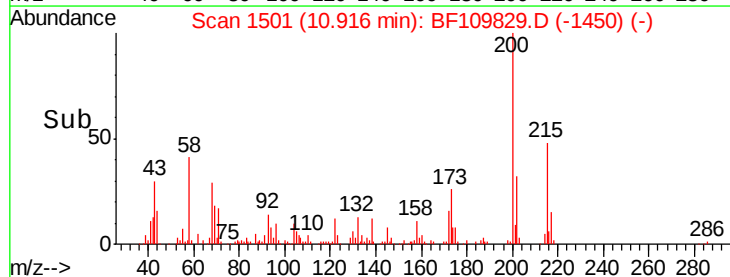
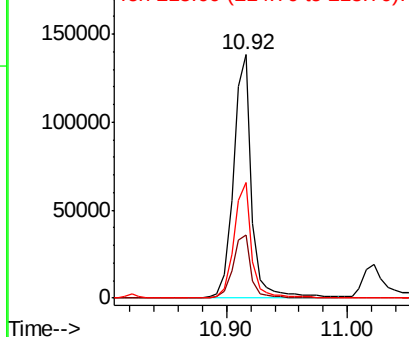
Lab File: BF109829.D

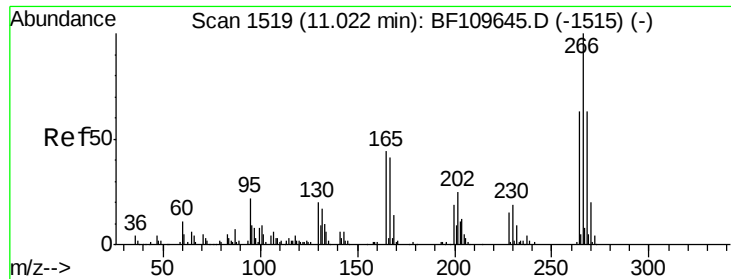
Acq: 12 Oct 2018 13:12

Tgt Ion:	200	Resp:	144285
Ion	Ratio	Lower	Upper
200	100		
173	26.2	6.6	46.6
215	47.5	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

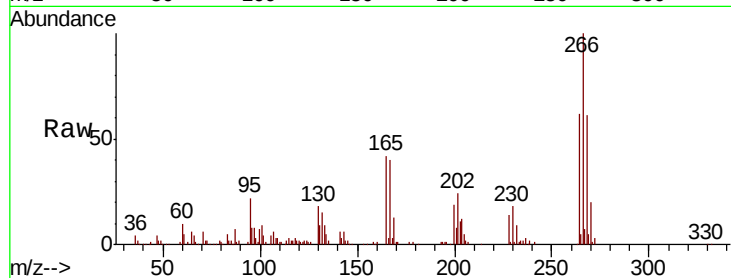




#69
 Pentachlorophenol
 Concen: 64.531 ng
 RT: 11.02 min Scan# 1519
 Delta R.T. 0.00 min
 Lab File: BF109829.D
 Acq: 12 Oct 2018 13:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
268	61.5	50.6	75.8
264	62.0	50.6	75.8

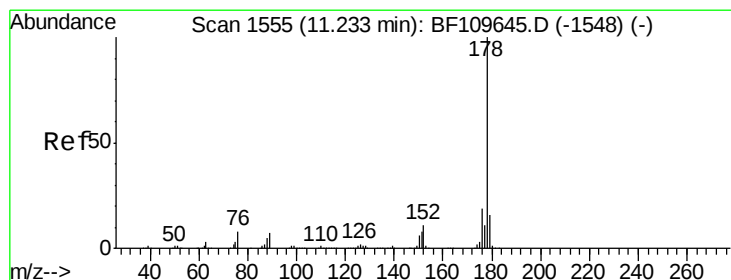
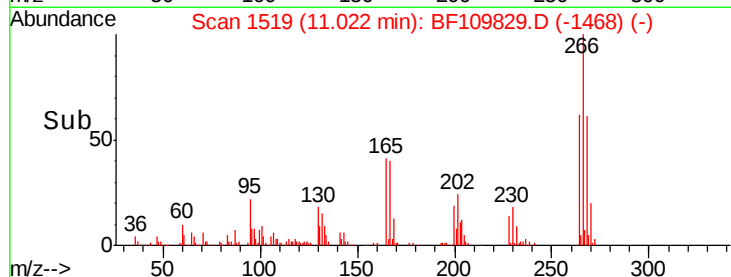
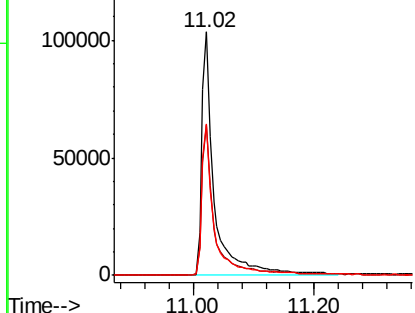


Abundance

Ion 265.70 (265.40 to 266.40): E

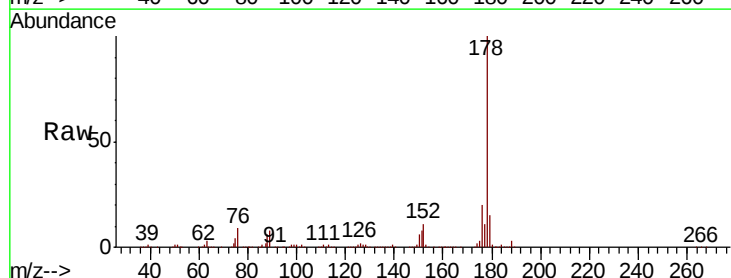
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 42.447 ng
 RT: 11.23 min Scan# 1554
 Delta R.T. -0.01 min
 Lab File: BF109829.D
 Acq: 12 Oct 2018 13:12

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

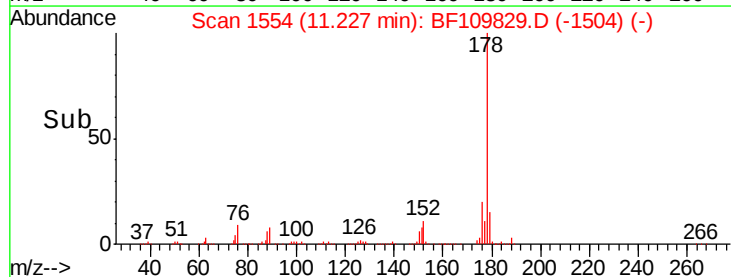
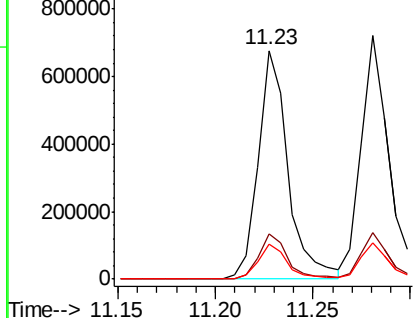


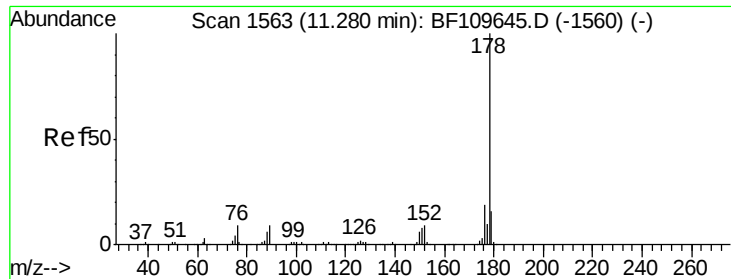
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

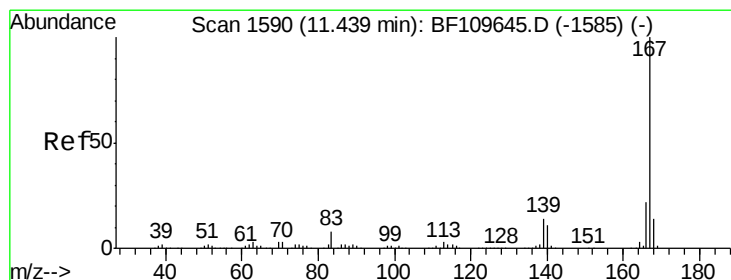
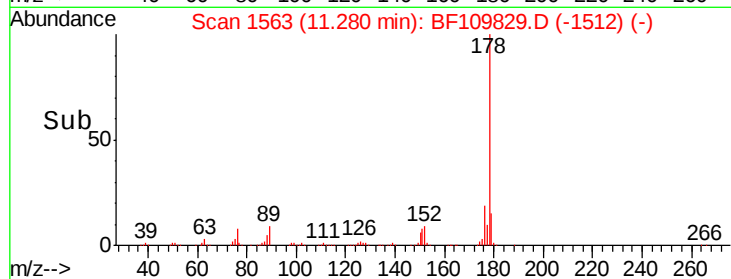
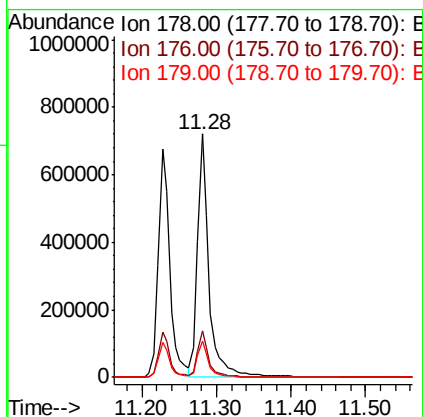
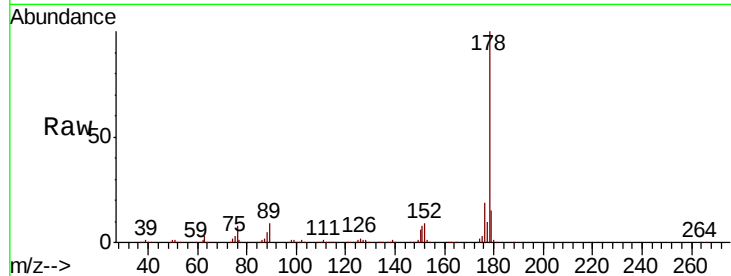




#71
 Anthracene
 Concen: 44.732 ng
 RT: 11.28 min Scan# 1563
 Delta R.T. 0.00 min
 Lab File: BF109829.D
 Acq: 12 Oct 2018 13:12

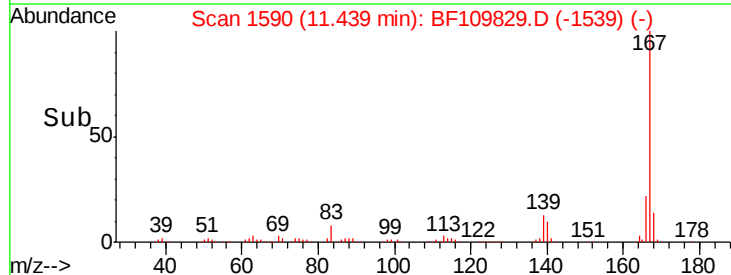
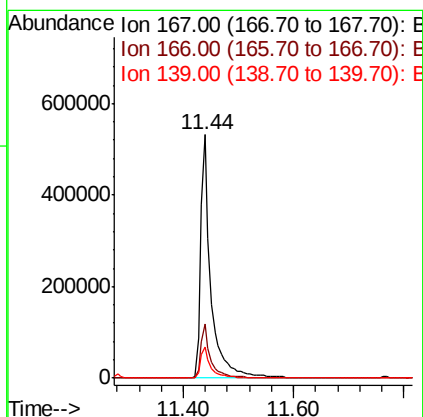
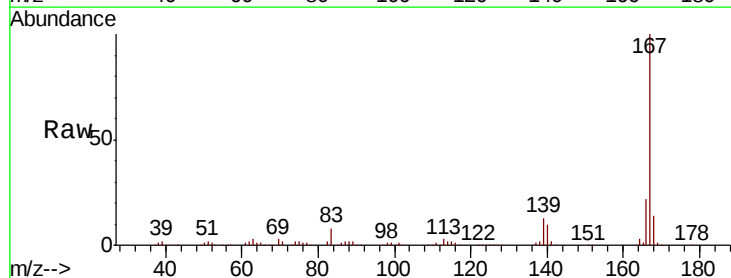
Instrument :
 BNA_F
 ClientSampleId :

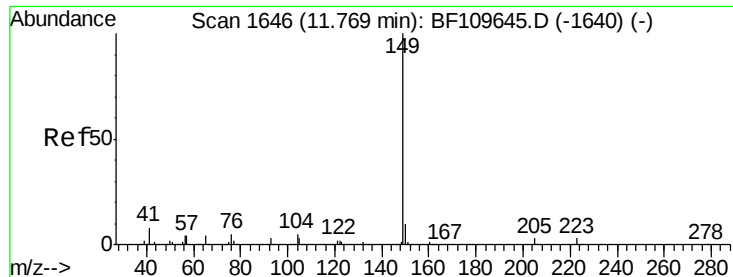
Tot Ion:178 Resp: 782710
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.4 23.2
 179 15.1 12.6 18.8



#72
 Carbazole
 Concen: 40.150 ng
 RT: 11.44 min Scan# 1590
 Delta R.T. 0.00 min
 Lab File: BF109829.D
 Acq: 12 Oct 2018 13:12

Tgt Ion:167 Resp: 681361
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.4 26.0
 139 13.0 10.9 16.3

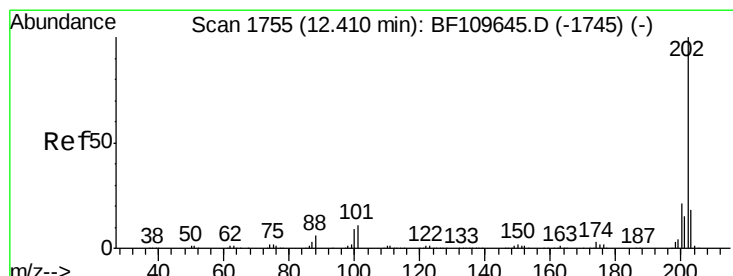
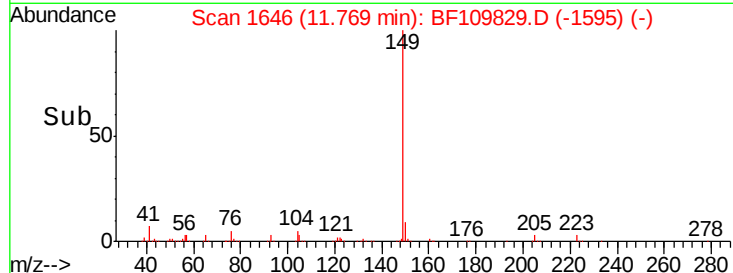
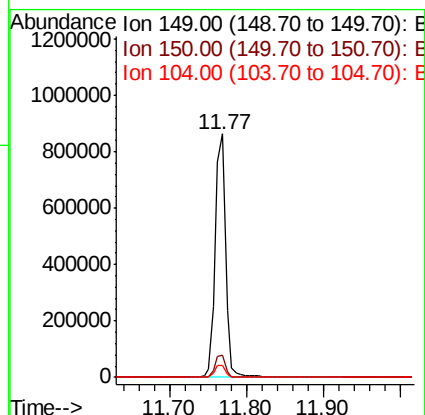
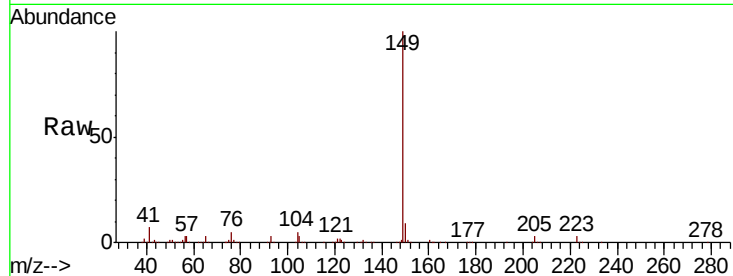




#73
Di-n-butylphthalate
Concen: 40.571 ng
RT: 11.77 min Scan# 1646
Delta R.T. 0.00 min
Lab File: BF109829.D
Acq: 12 Oct 2018 13:12

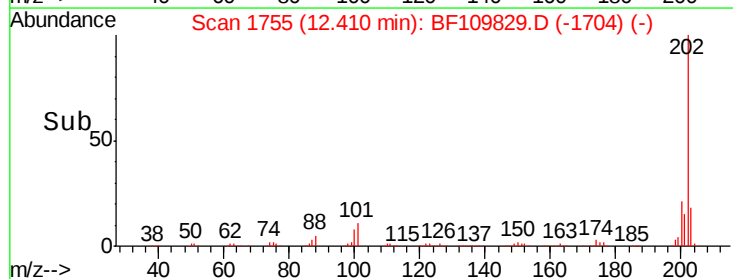
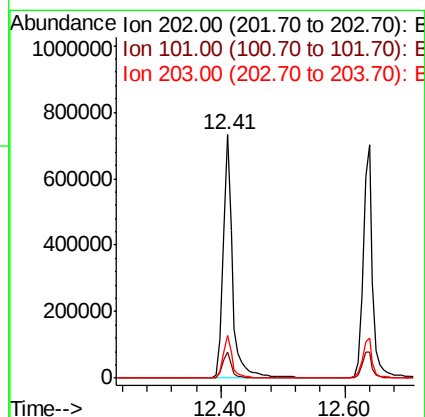
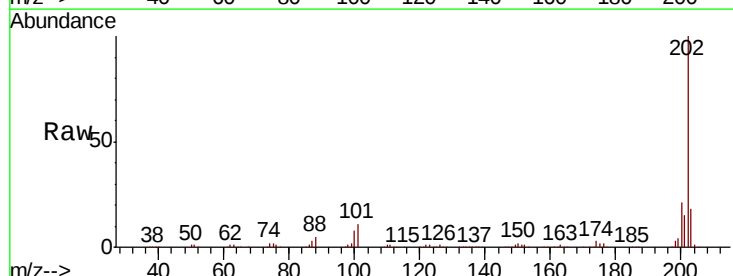
Instrument :
BNA_F
ClientSampleId :

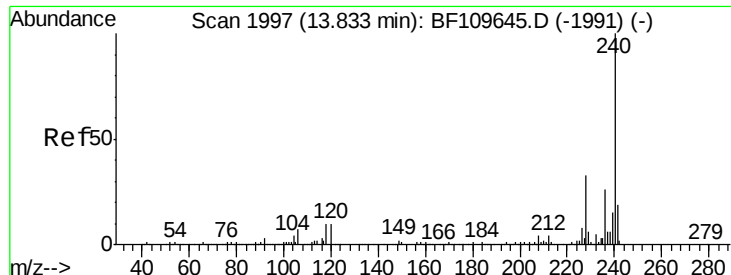
Tot Ion:149 Resp: 798563
Ion Ratio Lower Upper
149 100
150 9.1 7.7 11.5
104 4.9 4.2 6.4



#74
Fluoranthene
Concen: 43.583 ng
RT: 12.41 min Scan# 1755
Delta R.T. 0.00 min
Lab File: BF109829.D
Acq: 12 Oct 2018 13:12

Tgt Ion:202 Resp: 770683
Ion Ratio Lower Upper
202 100
101 10.9 0.0 31.4
203 17.6 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: BF109829.D

Acq: 12 Oct 2018 13:12

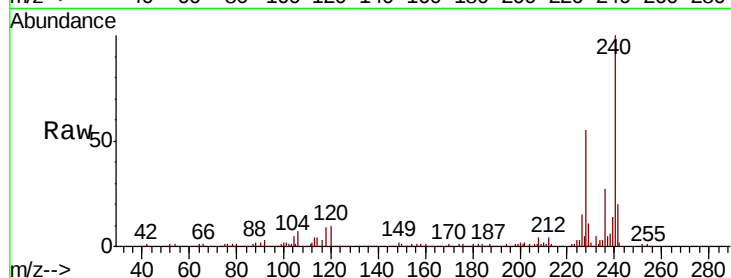
Instrument :

BNA_F

ClientSampleId :

Tot Ion:240 Resp: 242000

Ion	Ratio	Lower	Upper
240	100		
120	10.0	8.3	12.5
236	26.7	21.2	31.8

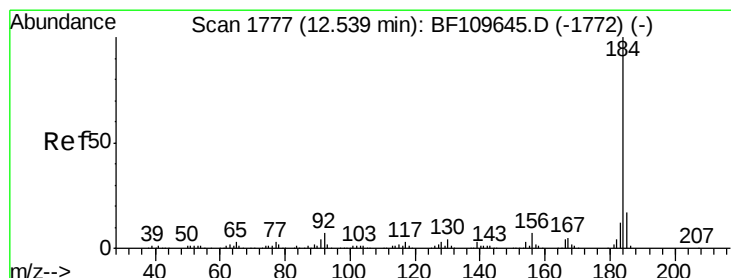
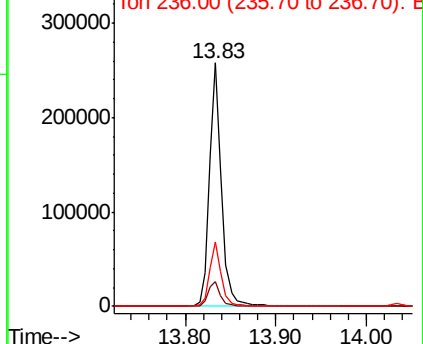
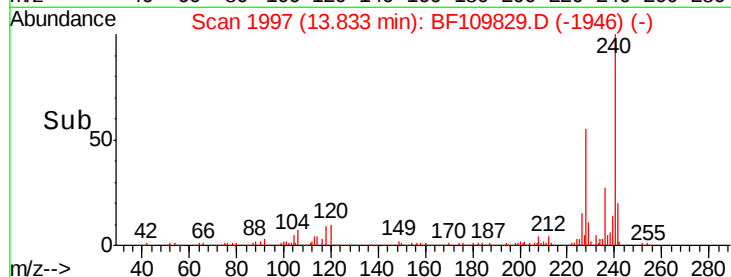


Abundance

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: 40.396 ng

RT: 12.54 min Scan# 1777

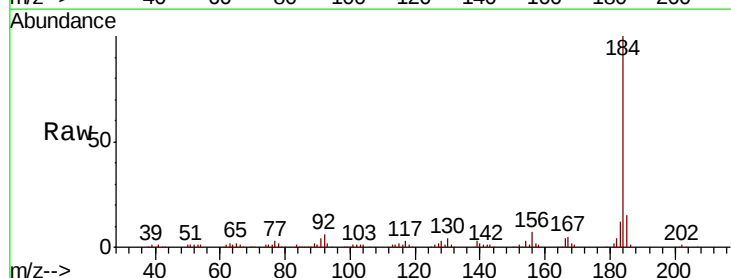
Delta R.T. 0.00 min

Lab File: BF109829.D

Acq: 12 Oct 2018 13:12

Tgt Ion:184 Resp: 363149

Ion	Ratio	Lower	Upper
184	100		
185	14.8	13.4	20.2
183	11.6	9.4	14.2

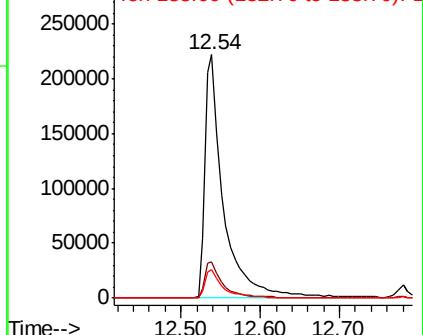
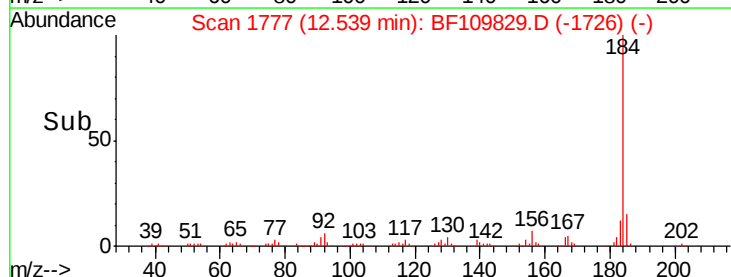


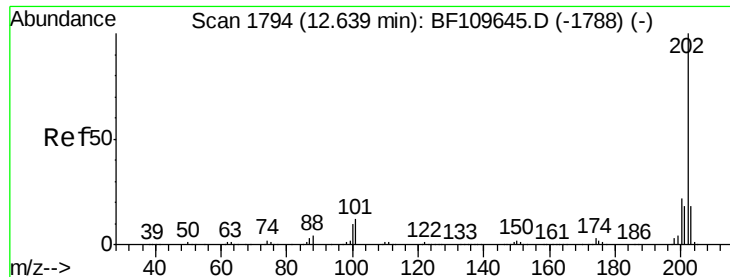
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

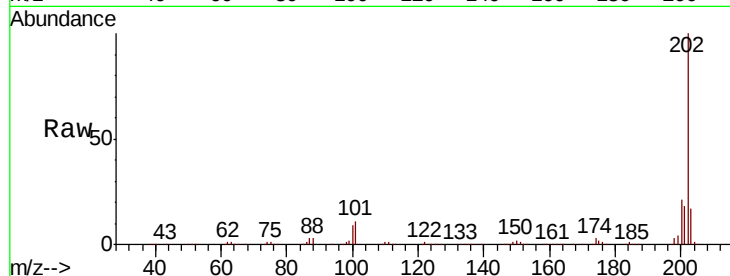




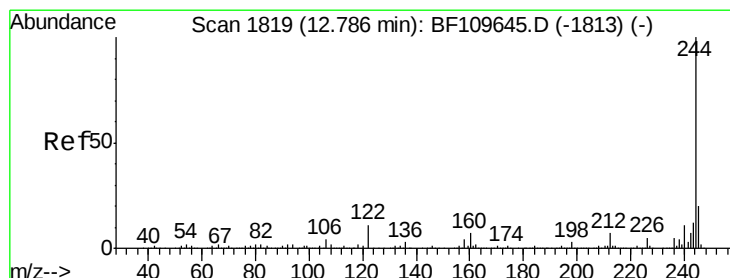
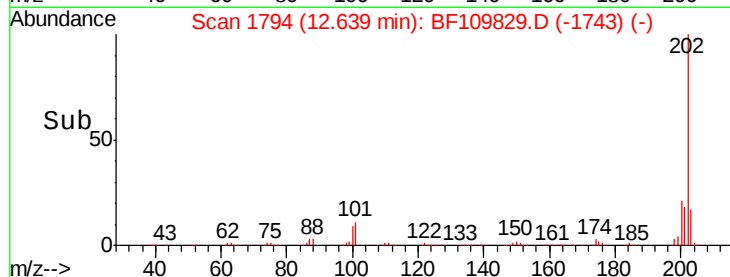
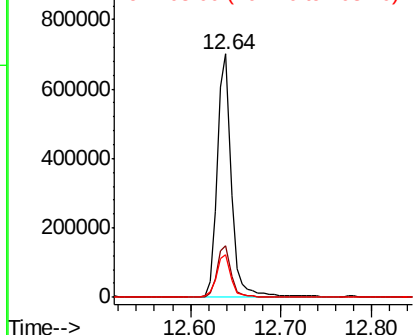
#77
Pvrene
Concen: 42.361 ng
RT: 12.64 min Scan# 1794
Delta R.T. 0.00 min
Lab File: BF109829.D
Acq: 12 Oct 2018 13:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.8	26.6
203	17.3	14.2	21.4

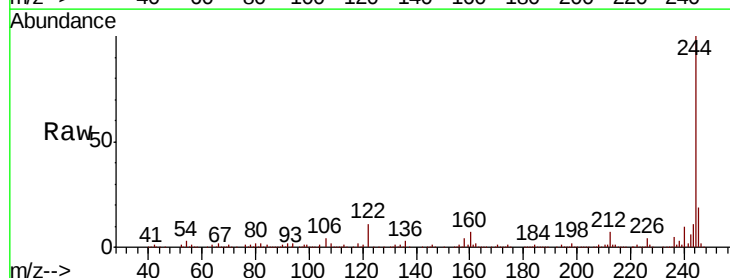


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

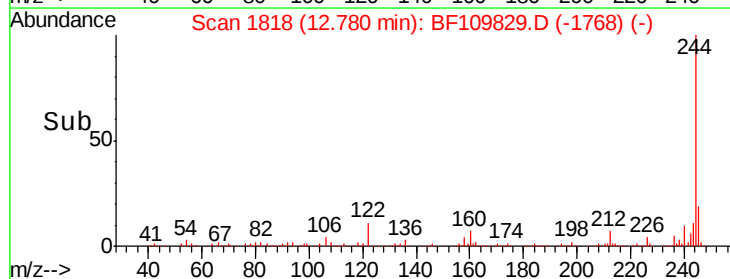
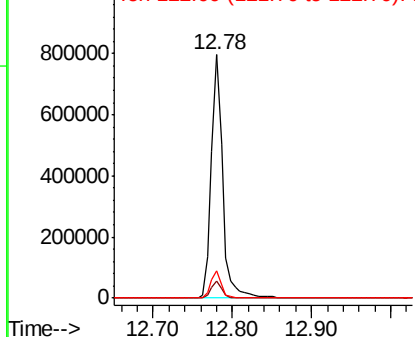


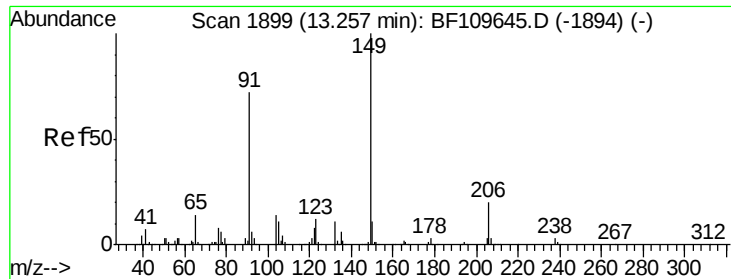
#78
Terphenyl-d14
Concen: 63.630 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.01 min
Lab File: BF109829.D
Acq: 12 Oct 2018 13:12

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.8
122	11.3	8.7	13.1



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

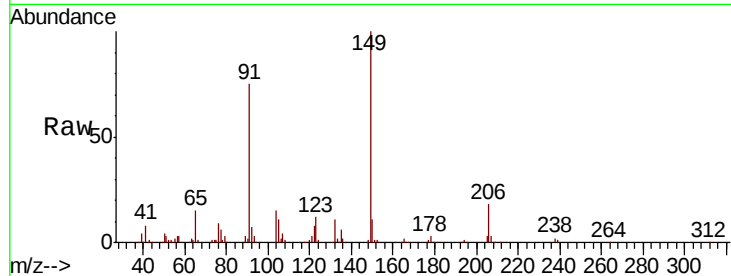




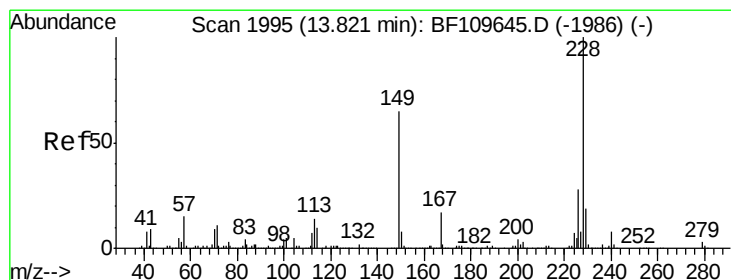
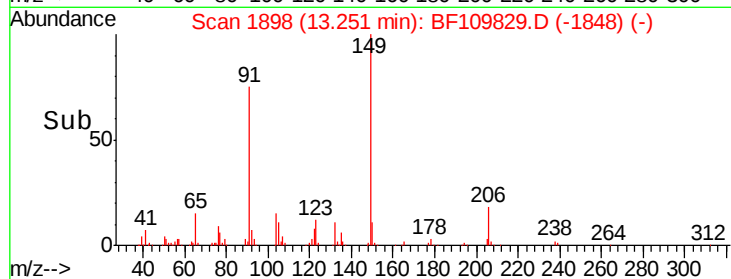
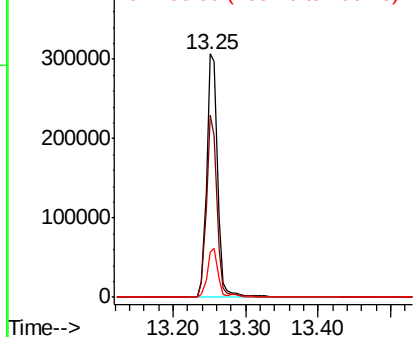
#79
Butylbenzylphthalate
Concen: 42.387 ng
RT: 13.25 min Scan# 1898
Delta R.T. -0.01 min
Lab File: BF109829.D
Acq: 12 Oct 2018 13:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 325831
Ion Ratio Lower Upper
149 100
91 75.0 57.2 85.8
206 18.4 15.7 23.5

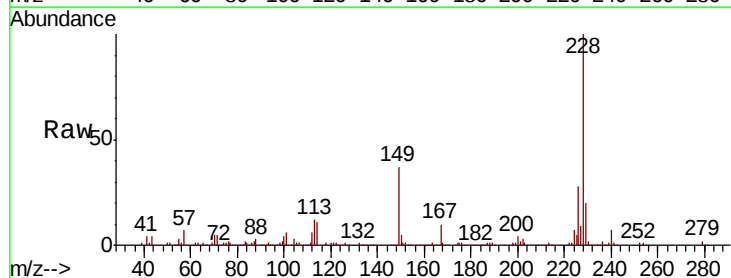


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF1
Ion 206.00 (205.70 to 206.70): E

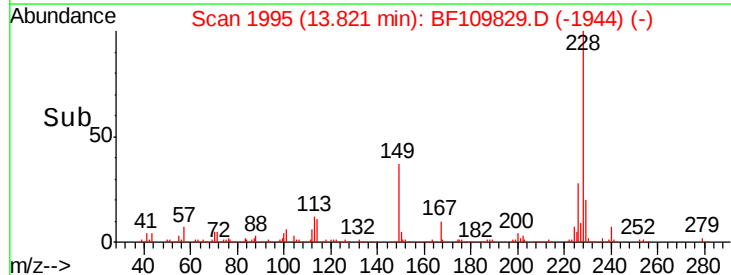
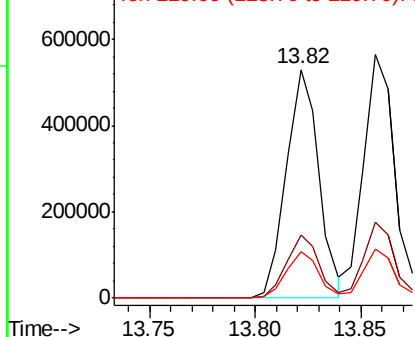


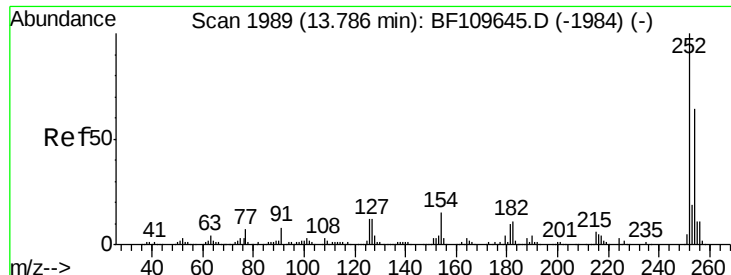
#80
Benzo(a)anthracene
Concen: 42.744 ng
RT: 13.82 min Scan# 1995
Delta R.T. 0.00 min
Lab File: BF109829.D
Acq: 12 Oct 2018 13:12

Tgt Ion:228 Resp: 570830
Ion Ratio Lower Upper
228 100
226 27.7 22.1 33.1
229 20.2 15.6 23.4



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

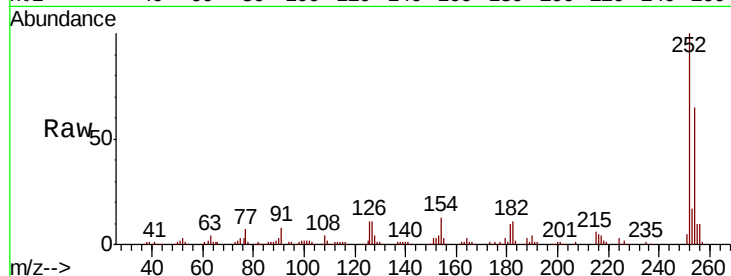




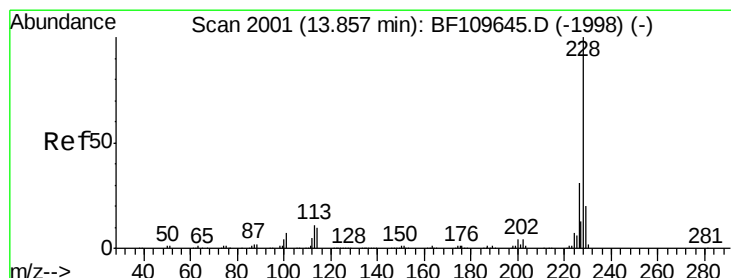
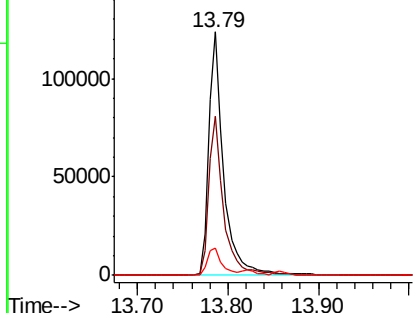
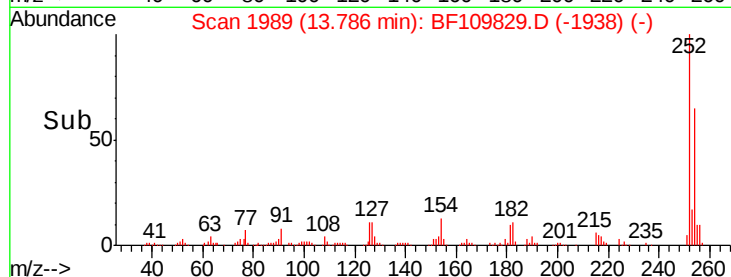
#81
 3,3'-Dichlorobenzidine
 Concen: 26.624 ng
 RT: 13.79 min Scan# 1989
 Delta R.T. 0.00 min
 Lab File: BF109829.D
 Acq: 12 Oct 2018 13:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 143164
 Ion Ratio Lower Upper
 252 100
 254 65.4 51.3 76.9
 126 11.3 9.4 14.2

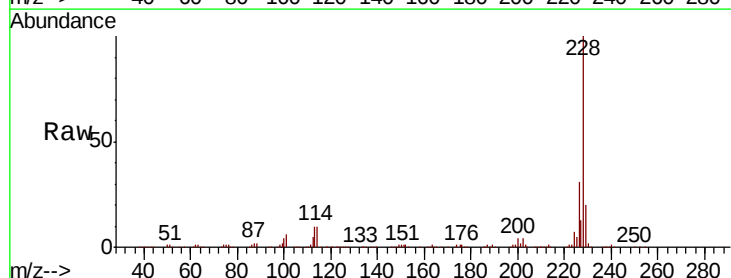


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

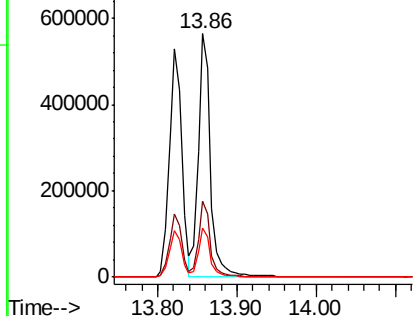
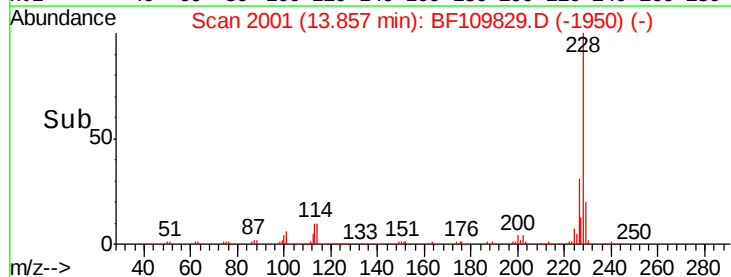


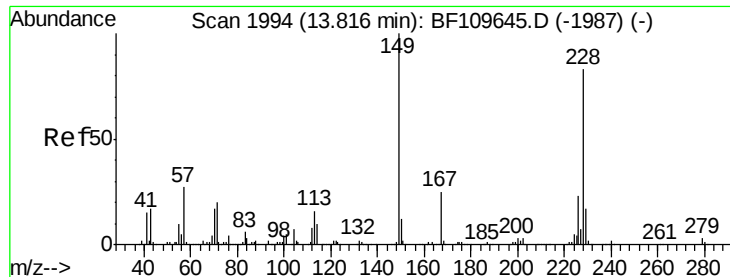
#82
 Chrysene
 Concen: 43.865 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. 0.00 min
 Lab File: BF109829.D
 Acq: 12 Oct 2018 13:12

Tgt Ion:228 Resp: 615310
 Ion Ratio Lower Upper
 228 100
 226 31.0 24.7 37.1
 229 20.1 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

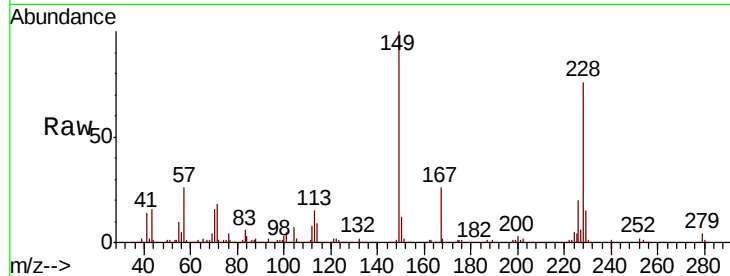




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.629 ng
 RT: 13.82 min Scan# 1994
 Delta R.T. 0.00 min
 Lab File: BF109829.D
 Acq: 12 Oct 2018 13:12

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
149	100		
167	25.5	19.8	29.8
279	3.7	2.7	4.1

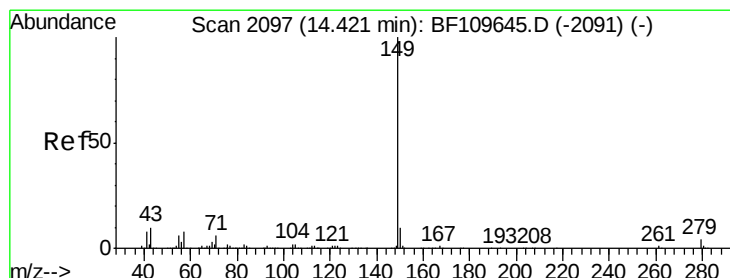
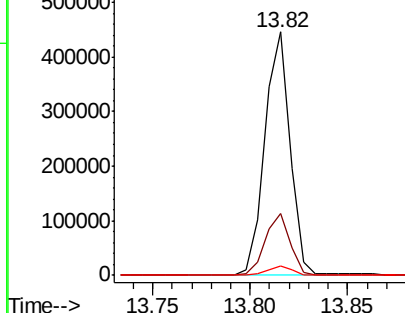
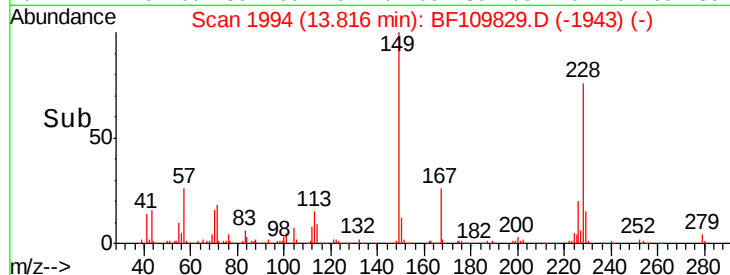


Abundance

Ion 149.00 (148.70 to 149.70): E

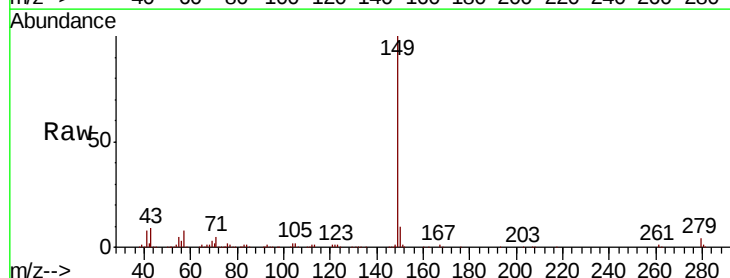
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84
 Di-n-octyl phthalate
 Concen: 42.682 ng
 RT: 14.42 min Scan# 2097
 Delta R.T. 0.00 min
 Lab File: BF109829.D
 Acq: 12 Oct 2018 13:12

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.4	1.1	1.7
43	9.5	7.8	11.8

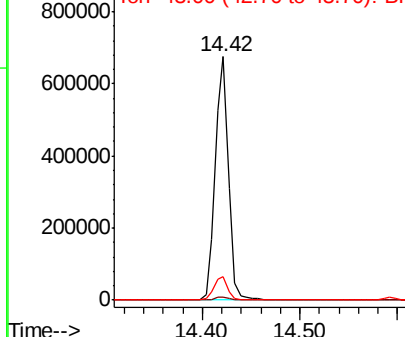
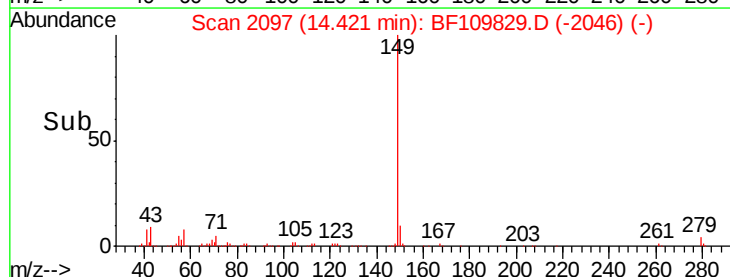


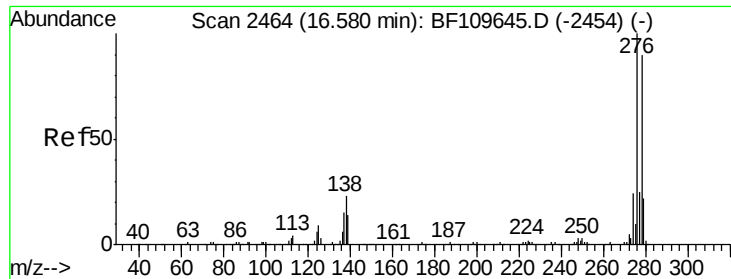
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1





#85

Indeno(1,2,3-cd)pyrene

Concen: 45.113 ng

RT: 16.59 min Scan# 2465

Delta R.T. 0.01 min

Lab File: BF109829.D

Acq: 12 Oct 2018 13:12

Instrument :

BNA_F

ClientSampleId :

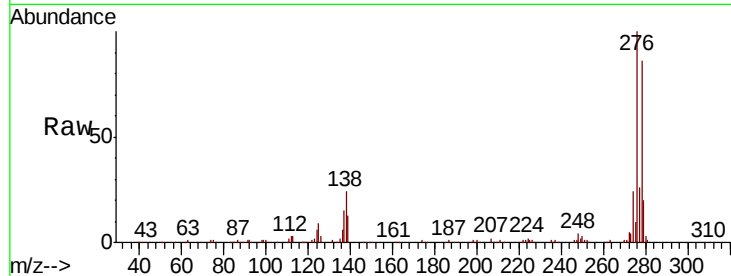
Tot Ion:276 Resp: 452952

Ion Ratio Lower Upper

276 100

138 23.1 18.5 27.7

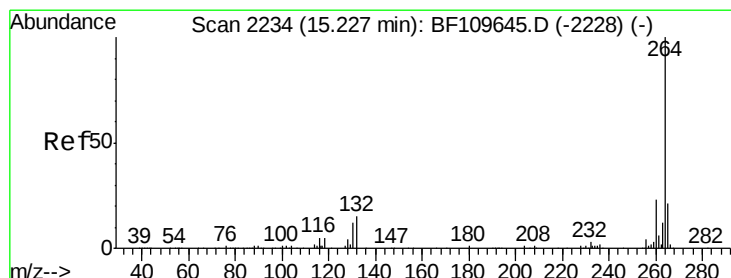
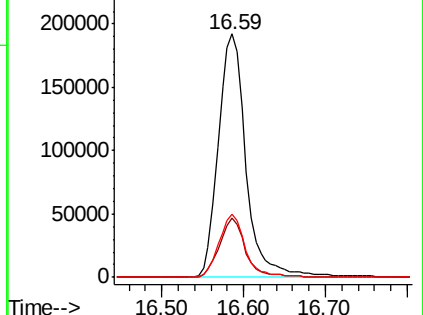
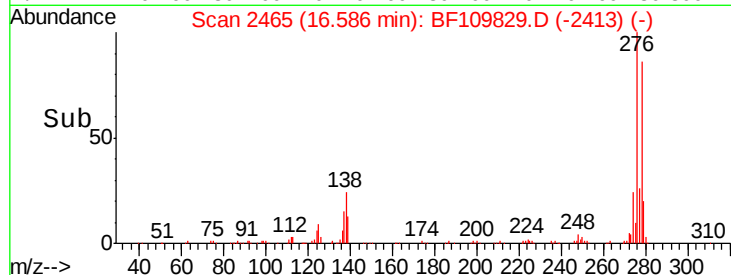
277 25.1 20.0 30.0



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: BF109829.D

Acq: 12 Oct 2018 13:12

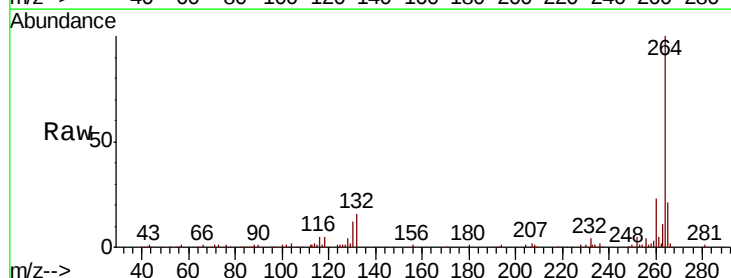
Tgt Ion:264 Resp: 194639

Ion Ratio Lower Upper

264 100

260 23.0 18.7 28.1

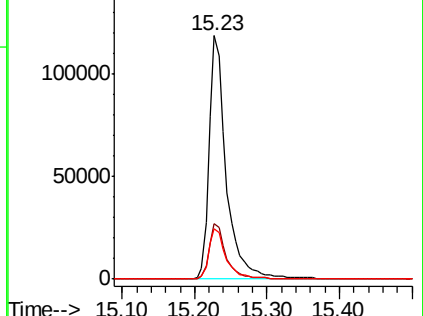
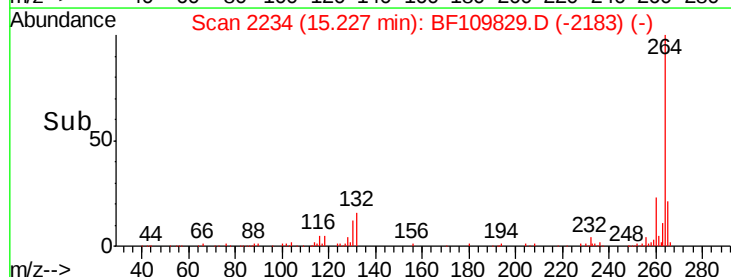
265 20.6 16.7 25.1

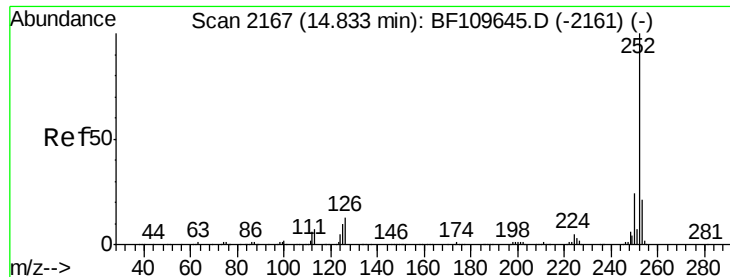


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

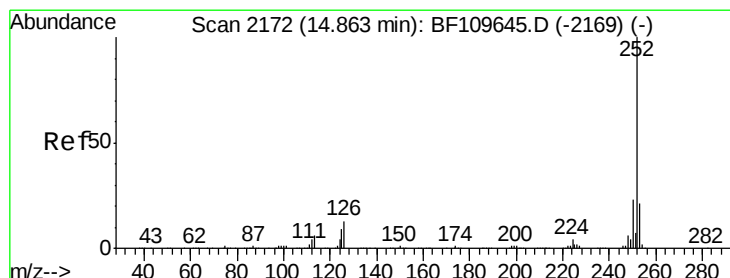
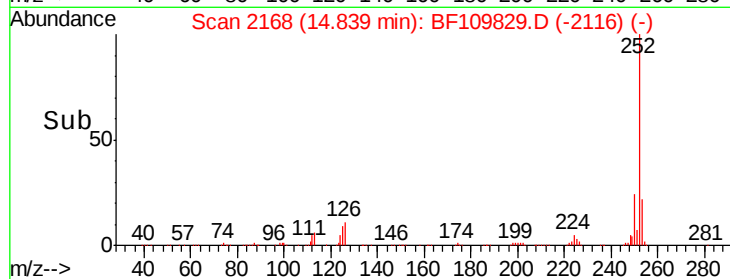
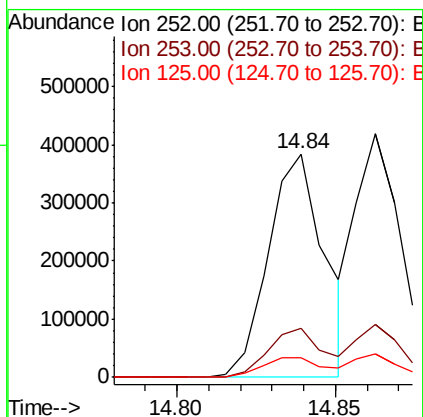
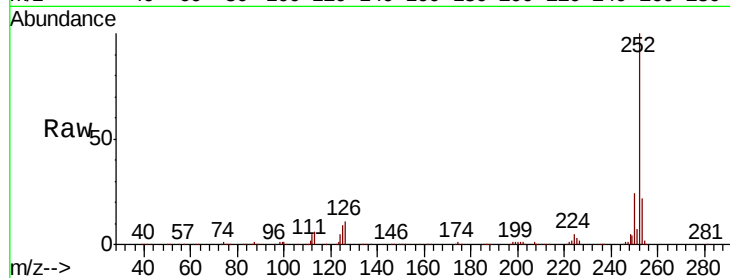




#87
Benzo(b)fluoranthene
Concen: 43.906 ng
RT: 14.84 min Scan# 2168
Delta R.T. 0.01 min
Lab File: BF109829.D
Acq: 12 Oct 2018 13:12

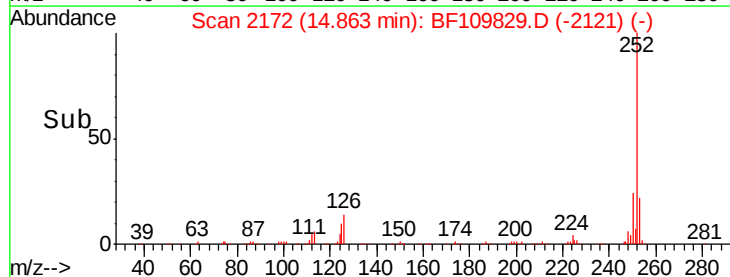
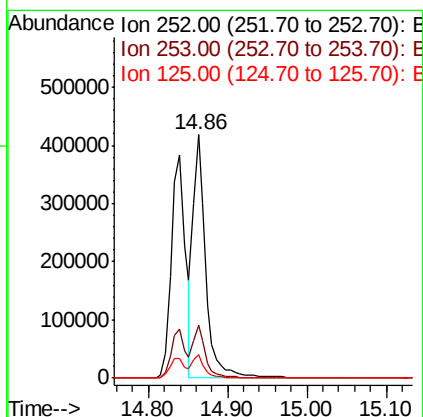
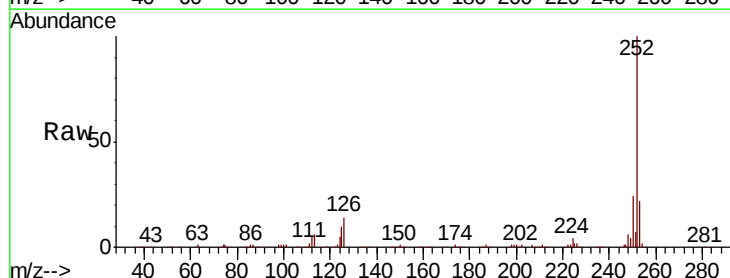
Instrument :
BNA_F
ClientSampled :

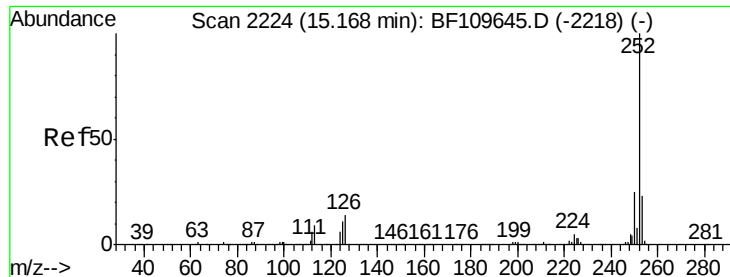
Tot Ion:252 Resp: 472262
Ion Ratio Lower Upper
252 100
253 21.8 17.2 25.8
125 8.5 8.2 12.4



#88
Benzo(k)fluoranthene
Concen: 43.433 ng
RT: 14.86 min Scan# 2172
Delta R.T. 0.00 min
Lab File: BF109829.D
Acq: 12 Oct 2018 13:12

Tgt Ion:252 Resp: 469392
Ion Ratio Lower Upper
252 100
253 21.8 17.2 25.8
125 9.5 7.4 11.0





#89

Benzo(a)pyrene

Concen: 44.987 ng

RT: 15.17 min Scan# 2225

Delta R.T. 0.01 min

Lab File: BF109829.D

Acq: 12 Oct 2018 13:12

Instrument :

BNA_F

ClientSampleId :

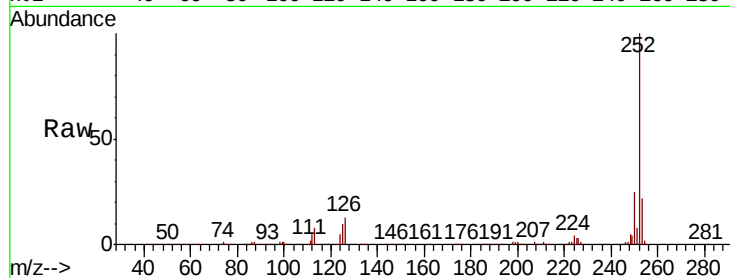
Tot Ion:252 Resp: 439115

Ion Ratio Lower Upper

252 100

253 21.9 18.2 27.4

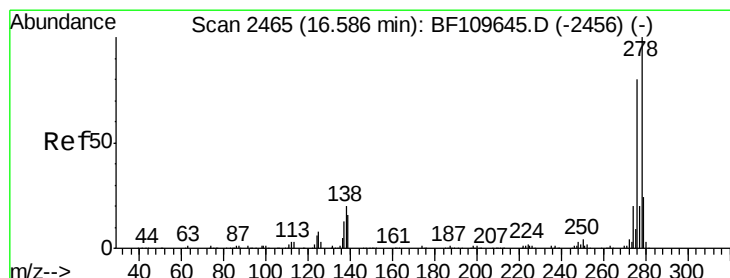
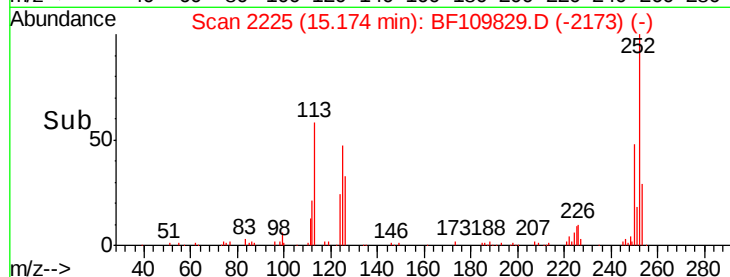
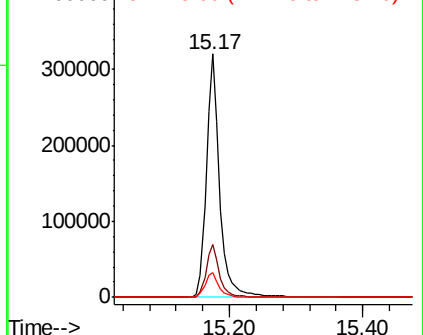
125 10.4 9.0 13.6



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: 47.339 ng

RT: 16.59 min Scan# 2466

Delta R.T. 0.01 min

Lab File: BF109829.D

Acq: 12 Oct 2018 13:12

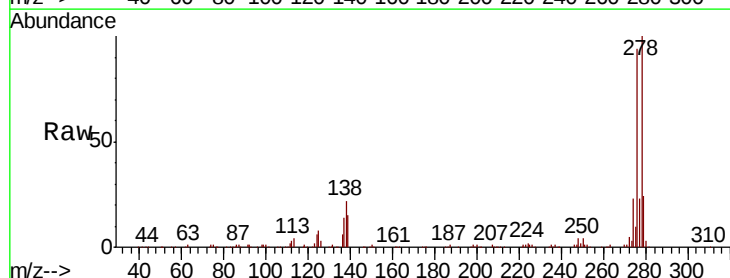
Tgt Ion:278 Resp: 379489

Ion Ratio Lower Upper

278 100

139 15.1 12.7 19.1

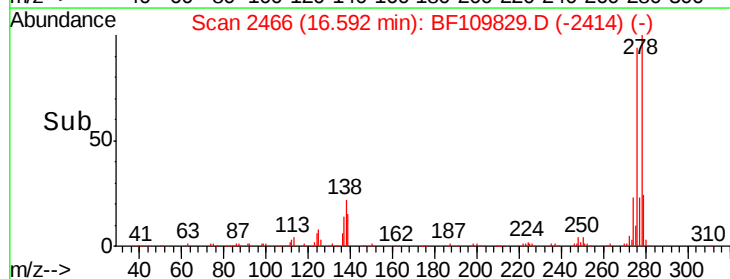
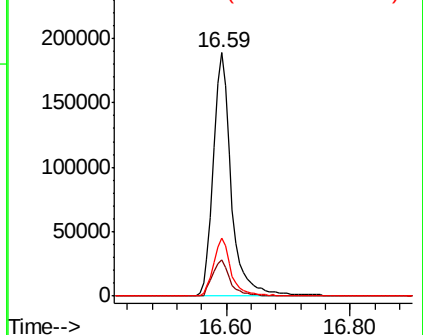
279 23.7 19.0 28.4

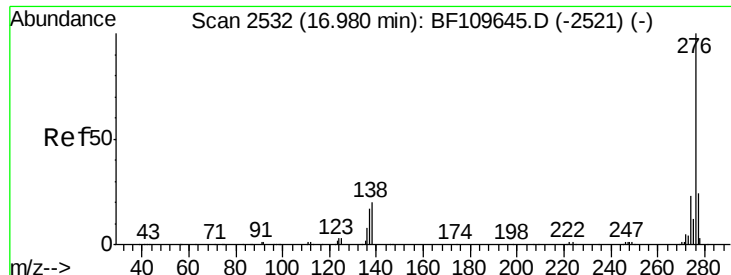


Abundance Ion 278.00 (277.70 to 278.70): E

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: 48.245 ng

RT: 16.99 min Scan# 2533

Delta R.T. 0.01 min

Lab File: BF109829.D

Acq: 12 Oct 2018 13:12

Instrument :

BNA_F

ClientSampleId :

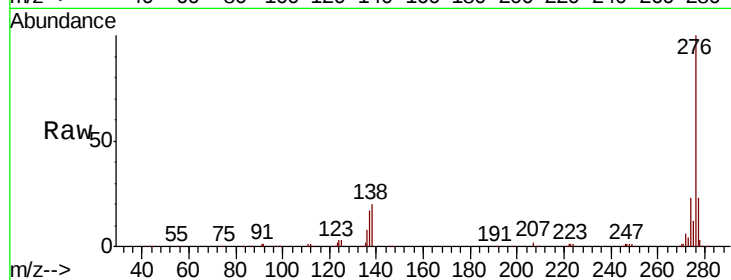
Tot Ion:276 Resp: 386205

Ion Ratio Lower Upper

276 100

277 23.0 18.8 28.2

138 19.9 16.0 24.0



Abundance Ion 276.00 (275.70 to 276.70): E

200000 Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

