

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092818\
 Data File : BF109429.D
 Acq On : 28 Sep 2018 14:58
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 28 15:41:15 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 22 13:32:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	109395	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	441828	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	212745	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	417578	20.00	ng	0.00
75) Chrysene-d12	13.85	240	293279	20.00	ng	0.00
86) Perylene-d12	15.25	264	257037	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.32	112	493609	74.32	ng	0.00
7) Phenol-d6	6.36	99	681328	80.39	ng	0.00
23) Nitrobenzene-d5	7.27	82	636846	85.09	ng	0.00
41) 2,4,6-Tribromophenol	10.53	330	185514	88.46	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1141838	80.95	ng	0.00
78) Terphenyl-d14	12.80	244	979885	82.00	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.38	88	105441	34.470	ng	91
3) Pyridine	3.09	79	271205	34.448	ng	91
4) n-Nitrosodimethylamine	3.01	42	81768	24.405	ng	100
6) Aniline	6.37	93	417286	38.484	ng	94
8) 2-Chlorophenol	6.50	128	300114	40.634	ng	95
9) Benzaldehyde	6.26	77	206209	37.875	ng	97
10) Phenol	6.37	94	369071	38.454	ng	# 61
11) bis(2-Chloroethyl)ether	6.45	93	292611	38.962	ng	95
12) 1,3-Dichlorobenzene	6.65	146	339662	39.942	ng	100
13) 1,4-Dichlorobenzene	6.73	146	340738	39.773	ng	98
14) 1,2-Dichlorobenzene	6.88	146	318372	40.285	ng	99
15) Benzyl Alcohol	6.86	79	268127	41.331	ng	96
16) 2,2'-oxybis(1-Chloropropan	6.99	45	407313	38.235	ng	94
17) 2-Methylphenol	6.97	107	240058	40.169	ng	95
18) Hexachloroethane	7.22	117	124560	41.268	ng	99
19) n-Nitroso-di-n-propylamine	7.13	70	217334	39.135	ng	98
20) 3+4-Methylphenols	7.13	107	293808	40.720	ng	# 75
22) Acetophenone	7.12	105	398074	38.970	ng	# 94
24) Nitrobenzene	7.29	77	327556	41.160	ng	97
25) Isophorone	7.53	82	526296	39.049	ng	97
26) 2-Nitrophenol	7.61	139	160816	51.098	ng	99
27) 2,4-Dimethylphenol	7.66	122	237451	40.433	ng	98
28) bis(2-Chloroethoxy)methane	7.75	93	354230	39.704	ng	99
29) 2,4-Dichlorophenol	7.86	162	257360	41.710	ng	96
30) 1,2,4-Trichlorobenzene	7.94	180	274389	39.798	ng	96
31) Naphthalene	8.02	128	816723	39.557	ng	100
32) Benzoic acid	7.79	122	156017	40.356	ng	96
33) 4-Chloroaniline	8.06	127	364502	40.412	ng	99
34) Hexachlorobutadiene	8.14	225	170175	40.943	ng	98
35) Caprolactam	8.45	113	80165	40.694	ng	# 84
36) 4-Chloro-3-methylphenol	8.55	107	269528	41.512	ng	98
37) 2-Methylnaphthalene	8.70	142	529333	39.770	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	272657	40.270	ng	97
40) Hexachlorocyclopentadiene	8.86	237	116882	39.579	ng	98

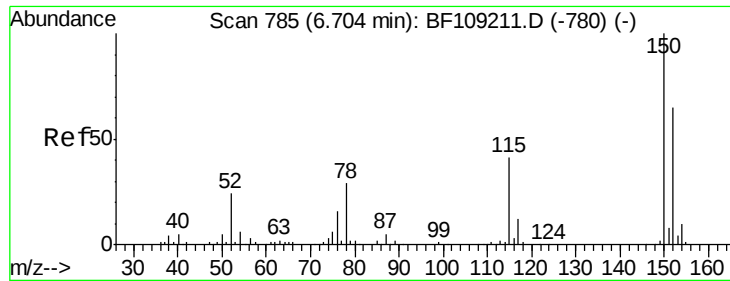
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092818\
 Data File : BF109429.D
 Acq On : 28 Sep 2018 14:58
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
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Quant Time: Sep 28 15:41:15 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 22 13:32:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	184589	42.479	nq	100
43) 2,4,5-Trichlorophenol	9.03	196	197805	43.100	nq	97
45) 1,1'-Biphenyl	9.17	154	681242	39.302	nq	99
46) 2-Chloronaphthalene	9.19	162	544657	39.333	nq	98
47) 2-Nitroaniline	9.29	65	173725	44.250	nq	95
48) Acenaphthylene	9.60	152	825523	39.517	nq	99
49) Dimethylphthalate	9.47	163	621321	40.153	nq	99
50) 2,6-Dinitrotoluene	9.53	165	137482	44.861	nq	90
51) Acenaphthene	9.77	154	490233	38.815	nq	98
52) 3-Nitroaniline	9.70	138	163148	45.970	nq	98
53) 2,4-Dinitrophenol	9.80	184	52152	51.392	nq #	21
54) Dibenzofuran	9.95	168	734300	39.093	nq	95
55) 4-Nitrophenol	9.86	139	114368	42.778	nq	94
56) 2,4-Dinitrotoluene	9.93	165	180302	46.498	nq #	95
57) Fluorene	10.29	166	531222	39.638	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.07	232	159033	43.765	nq	89
59) Diethylphthalate	10.17	149	621694	39.676	nq	97
60) 4-Chlorophenyl-phenylether	10.28	204	279139	39.878	nq	99
61) 4-Nitroaniline	10.31	138	156688	45.271	nq	96
62) Azobenzene	10.44	77	628796	38.624	nq	97
64) 4,6-Dinitro-2-methylphenol	10.35	198	80861	48.329	nq	87
65) n-Nitrosodiphenylamine	10.40	169	552833	40.070	nq	94
66) 4-Bromophenyl-phenylether	10.77	248	187634	40.464	nq #	90
67) Hexachlorobenzene	10.84	284	201041	40.822	nq	93
68) Atrazine	10.93	200	174756	41.186	nq	98
69) Pentachlorophenol	11.03	266	130442	44.254	nq	99
70) Phenanthrene	11.25	178	810919	38.894	nq	99
71) Anthracene	11.30	178	813606	38.474	nq	99
72) Carbazole	11.45	167	812503	38.617	nq	99
73) Di-n-butylphthalate	11.79	149	965990	39.881	nq	99
74) Fluoranthene	12.43	202	854717	38.360	nq	96
76) Benzidine	12.55	184	422165	39.924	nq	98
77) Pyrene	12.66	202	873517	41.559	nq	99
79) Butylbenzylphthalate	13.27	149	391096	43.736	nq	98
80) Benzo(a)anthracene	13.84	228	668406	37.838	nq	99
81) 3,3'-Dichlorobenzidine	13.80	252	272643	40.611	nq #	97
82) Chrysene	13.87	228	673724	38.479	nq	100
83) Bis(2-ethylhexyl)phthalate	13.84	149	472886	41.931	nq	100
84) Di-n-octyl phthalate	14.44	149	785182	40.720	nq	98
85) Indeno(1,2,3-cd)pyrene	16.61	276	547708	38.593	nq #	93
87) Benzo(b)fluoranthene	14.85	252	592080	41.920	nq	98
88) Benzo(k)fluoranthene	14.88	252	498140	37.168	nq #	97
89) Benzo(a)pyrene	15.19	252	501558	39.409	nq	98
90) Dibenzo(a,h)anthracene	16.62	278	454662	43.545	nq #	94
91) Benzo(g,h,i)perylene	17.01	276	461821	45.005	nq #	92

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

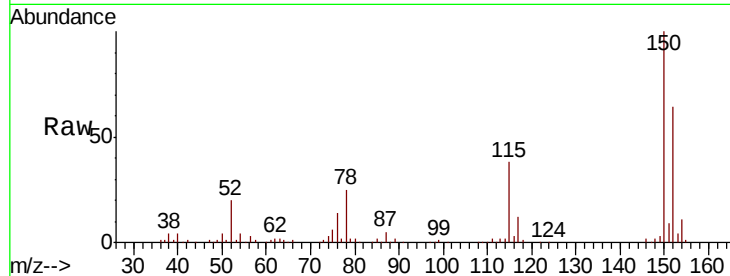


#1

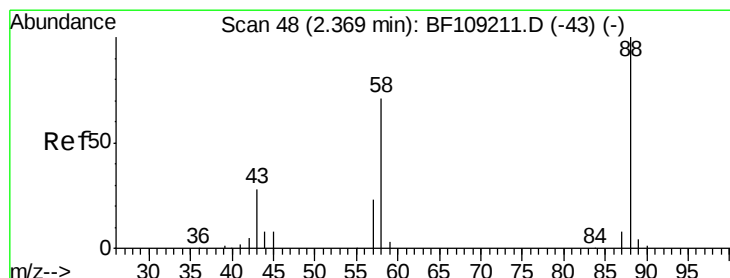
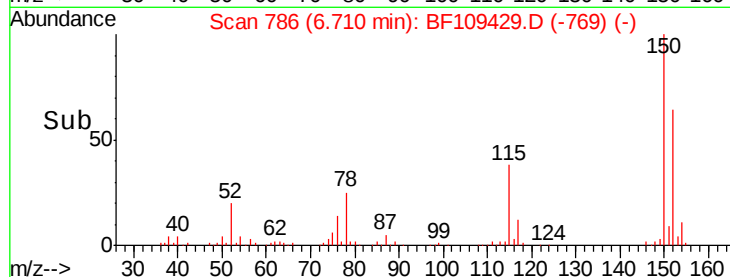
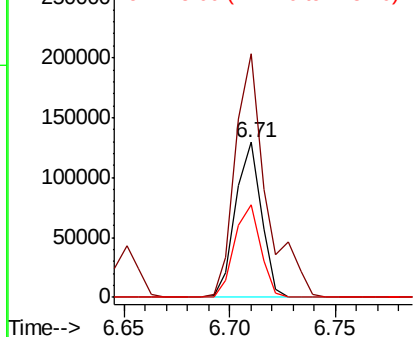
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.71 min Scan# 786
 Delta R.T. 0.00 min
 Lab File: BF109429.D
 Acq: 28 Sep 2018 14:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 109395
 Ion Ratio Lower Upper
 152 100
 150 157.3 124.6 186.8
 115 60.1 50.1 75.1



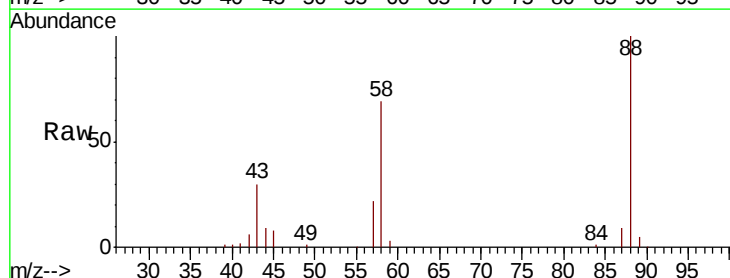
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



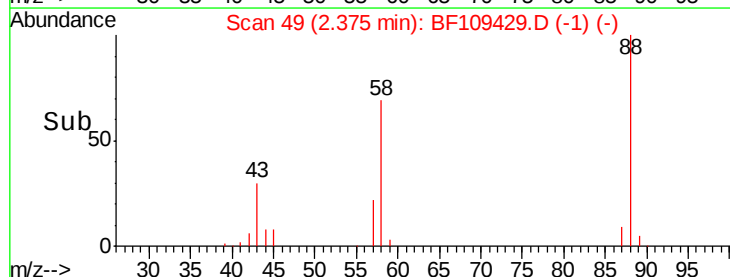
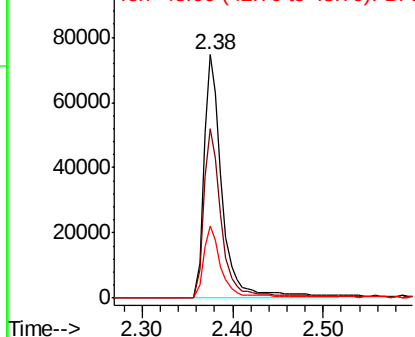
#2

1,4-Dioxane
 Concen: 34.470 ng
 RT: 2.38 min Scan# 49
 Delta R.T. 0.01 min
 Lab File: BF109429.D
 Acq: 28 Sep 2018 14:58

Tgt Ion: 88 Resp: 105441
 Ion Ratio Lower Upper
 88 100
 58 67.8 62.6 93.8
 43 30.0 24.6 37.0



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: 34.448 ng

RT: 3.09 min Scan# 170

Delta R.T. 0.02 min

Lab File: BF109429.D

Acq: 28 Sep 2018 14:58

Instrument :

BNA_F

ClientSampleId :

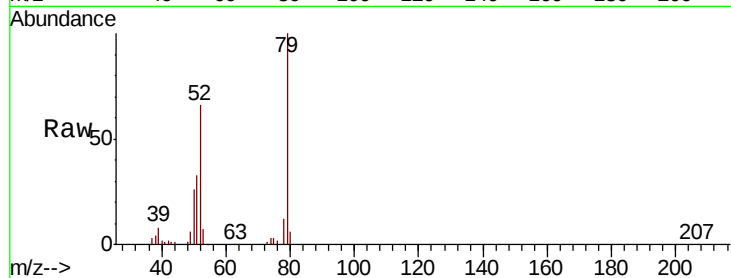
Tot Ion: 79 Resp: 271205

Ion Ratio Lower Upper

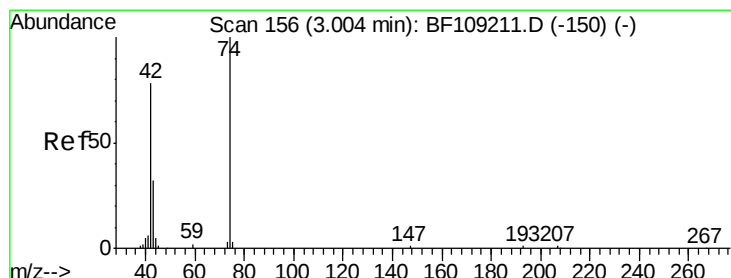
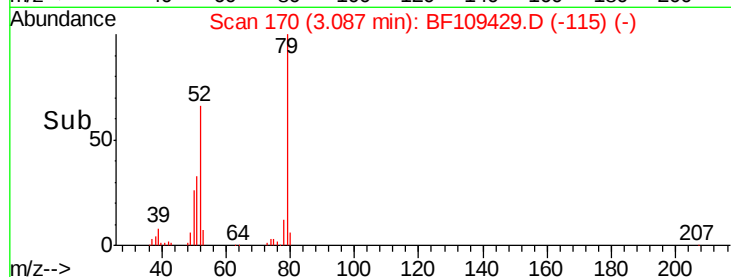
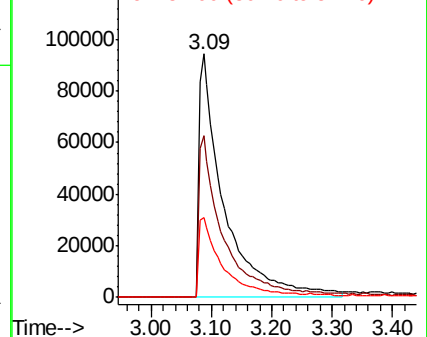
79 100

52 66.2 59.8 89.6

51 32.8 29.8 44.8



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: 24.405 ng

RT: 3.01 min Scan# 157

Delta R.T. -0.01 min

Lab File: BF109429.D

Acq: 28 Sep 2018 14:58

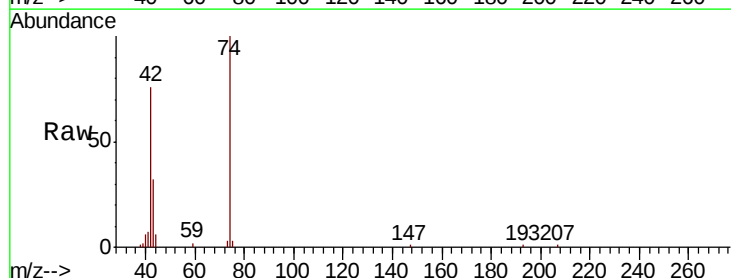
Tgt Ion: 42 Resp: 81768

Ion Ratio Lower Upper

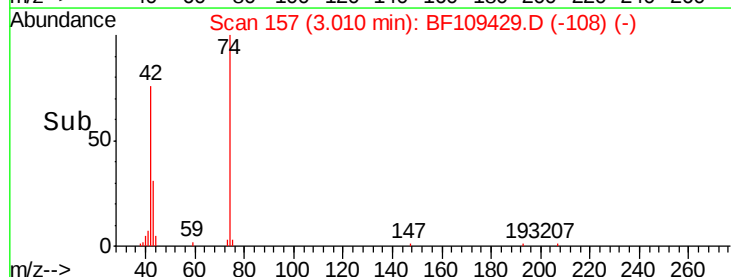
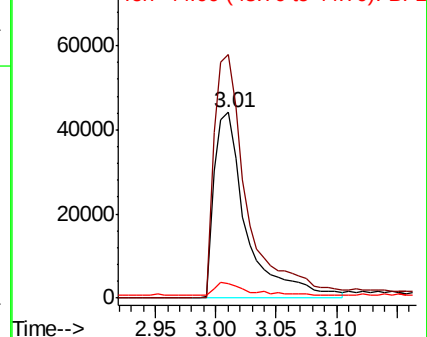
42 100

74 131.0 104.9 157.3

44 8.1 6.9 10.3



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: 74.319 ng

RT: 5.32 min Scan# 549

Delta R.T. 0.00 min

Lab File: BF109429.D

Acq: 28 Sep 2018 14:58

Instrument :

BNA_F

ClientSampled :

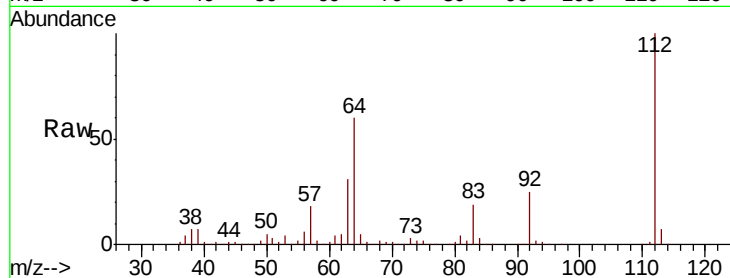
Tot Ion:112 Resp: 493609

Ion Ratio Lower Upper

112 100

64 59.8 47.9 71.9

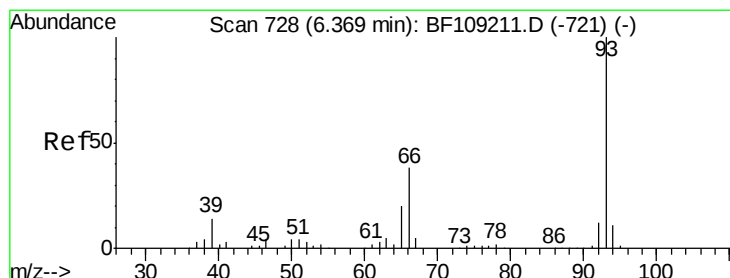
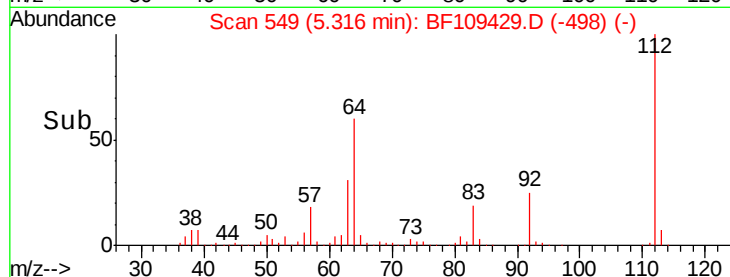
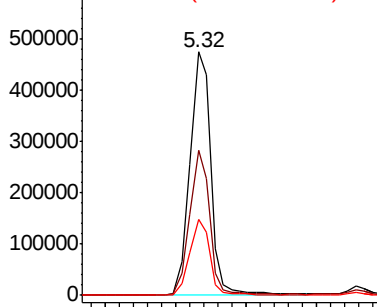
63 31.3 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 38.484 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF109429.D

Acq: 28 Sep 2018 14:58

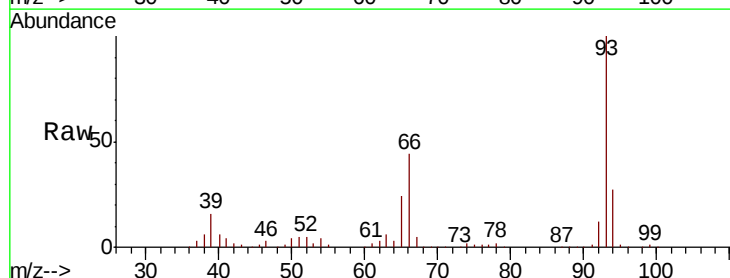
Tgt Ion: 93 Resp: 417286

Ion Ratio Lower Upper

93 100

66 44.0 32.2 48.2

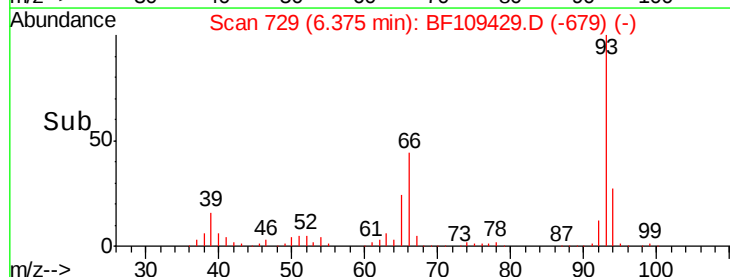
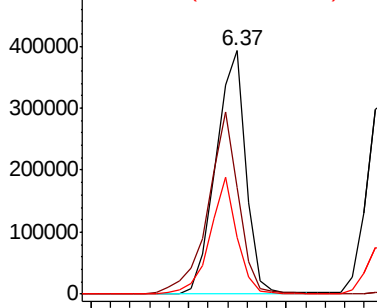
65 23.6 16.4 24.6

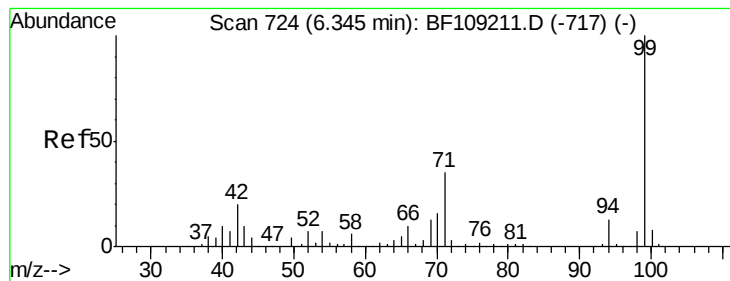


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 80.391 ng

RT: 6.36 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF109429.D

Acq: 28 Sep 2018 14:58

Instrument :

BNA_F

ClientSampleId :

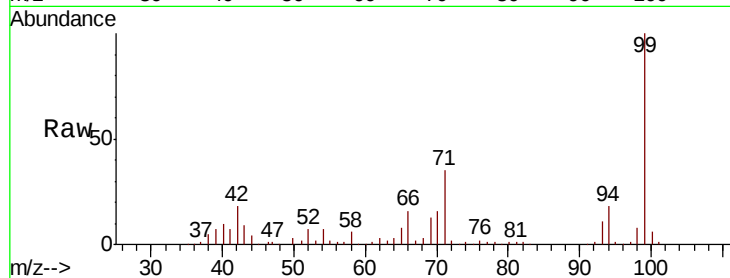
Tot Ion: 99 Resp: 681328

Ion Ratio Lower Upper

99 100

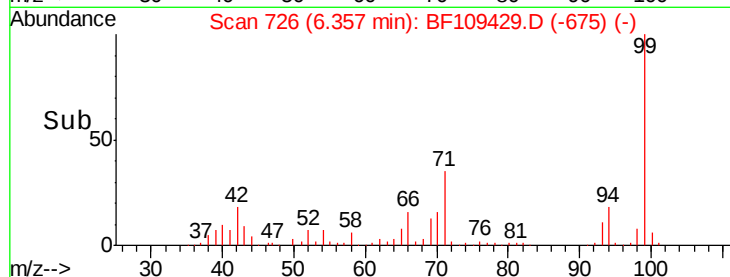
42 18.3 14.5 21.7

71 34.5 25.4 38.0

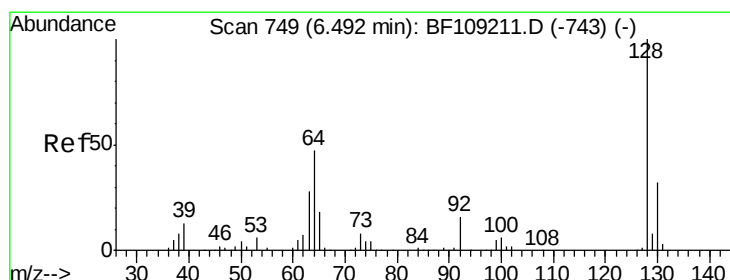


Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1

6.36



Time-->



#8

2-Chlorophenol

Concen: 40.634 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF109429.D

Acq: 28 Sep 2018 14:58

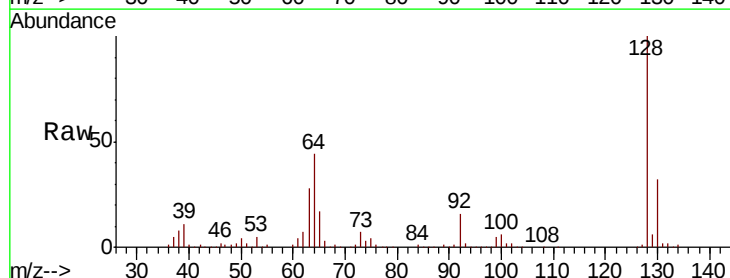
Tgt Ion: 128 Resp: 300114

Ion Ratio Lower Upper

128 100

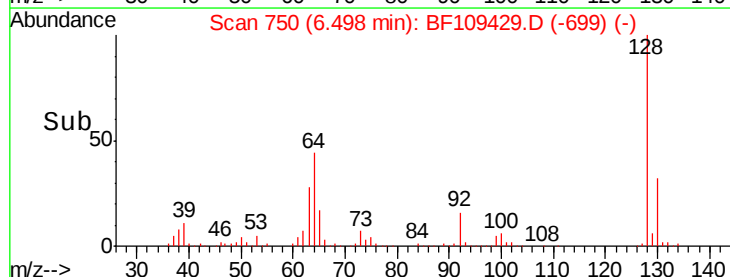
130 32.4 13.0 53.0

64 43.9 29.4 69.4

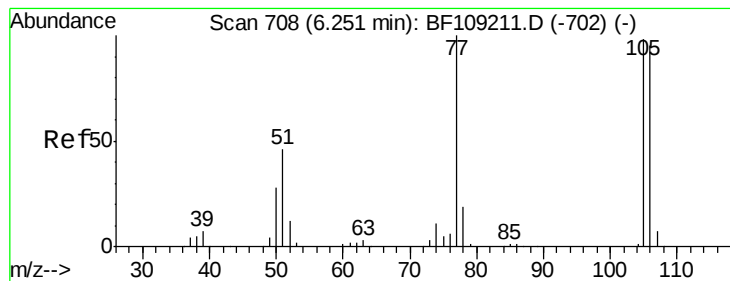


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1

6.50



Time-->



#9

Benzaldehyde

Concen: 37.875 ng

RT: 6.26 min Scan# 709

Delta R.T. 0.01 min

Lab File: BF109429.D

Acq: 28 Sep 2018 14:58

Instrument :

BNA_F

ClientSampled :

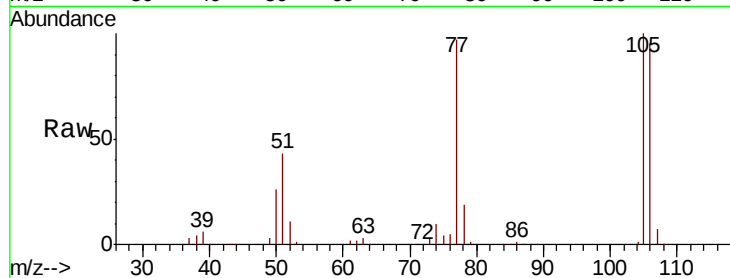
Tot Ion: 77 Resp: 206209

Ion Ratio Lower Upper

77 100

105 102.8 81.1 121.1

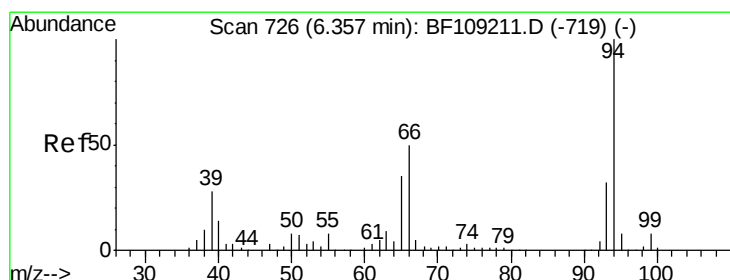
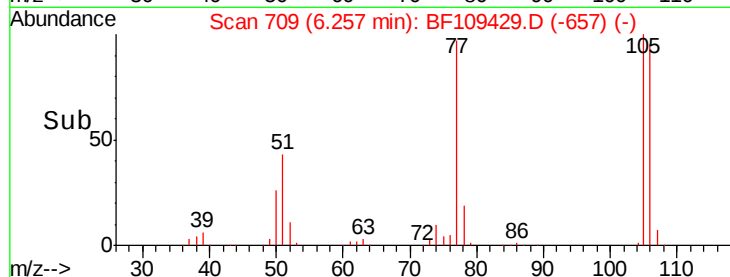
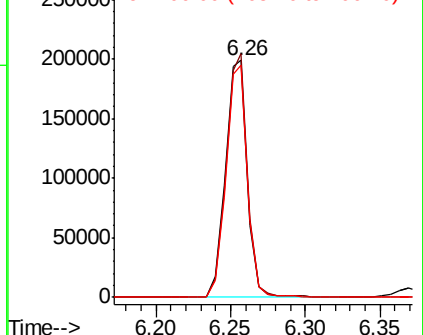
106 97.9 74.5 114.5



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: 38.454 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF109429.D

Acq: 28 Sep 2018 14:58

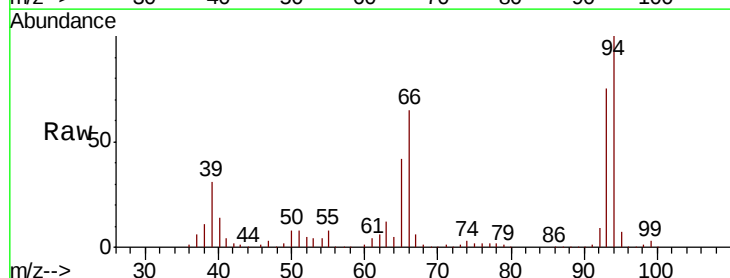
Tgt Ion: 94 Resp: 369071

Ion Ratio Lower Upper

94 100

65 41.7 7.9 47.9

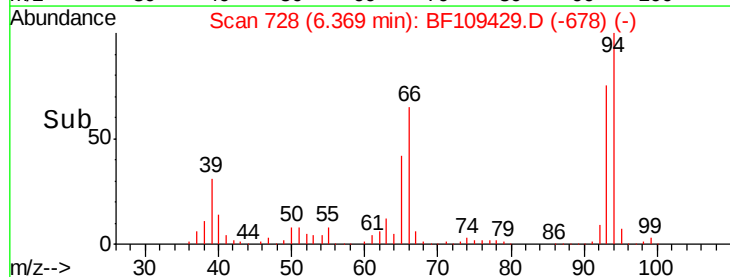
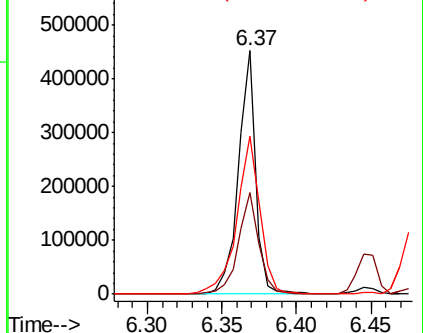
66 64.7 16.2 56.2#

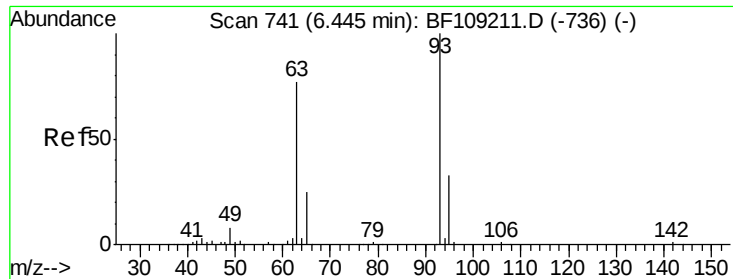


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

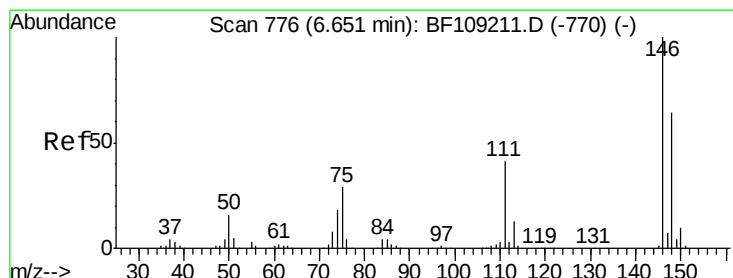
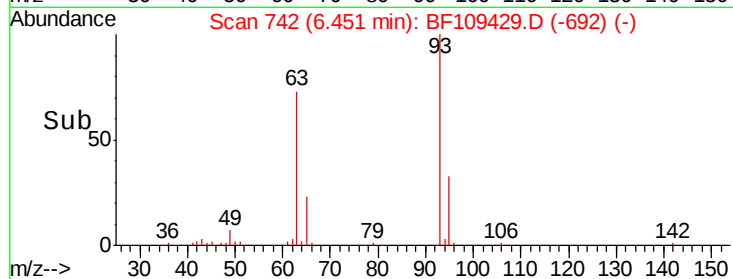
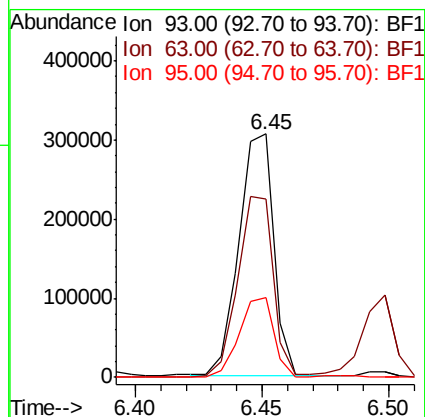
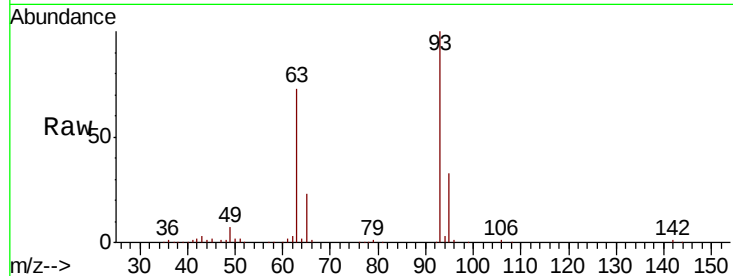




#11
bis(2-Chloroethyl)ether
Concen: 38.962 ng
RT: 6.45 min Scan# 742
Delta R.T. -0.01 min
Lab File: BF109429.D
Acq: 28 Sep 2018 14:58

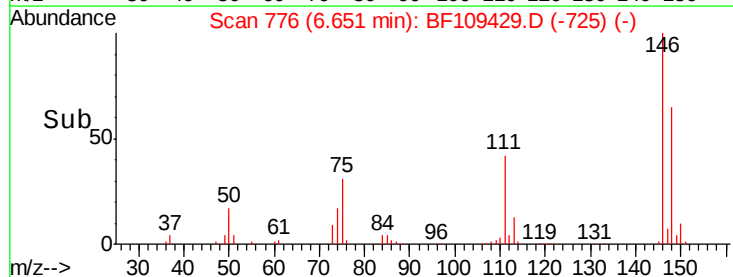
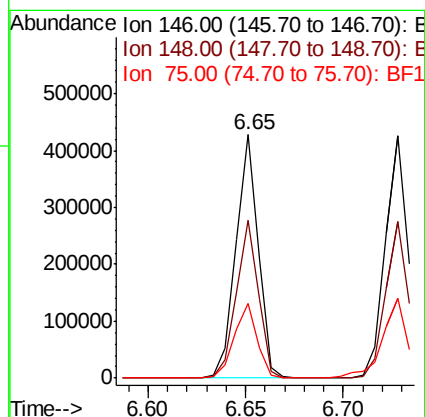
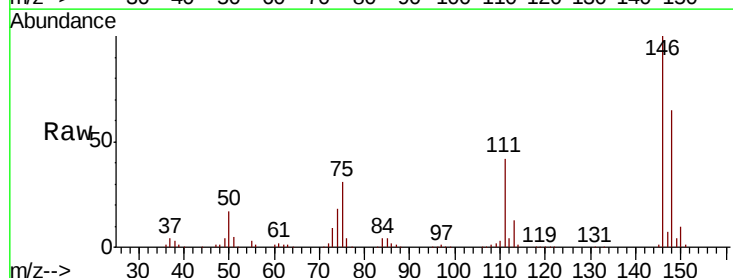
Instrument :
BNA_F
ClientSampleId :

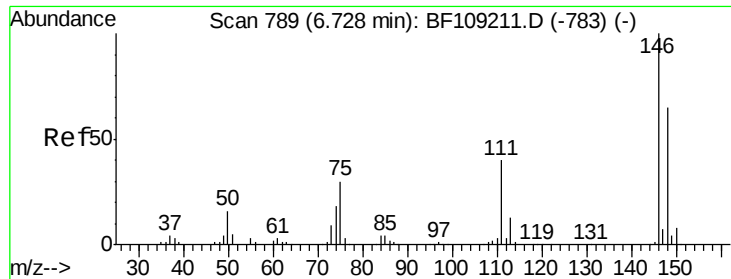
Tot Ion: 93 Resp: 292611
Ion Ratio Lower Upper
93 100
63 73.1 58.6 98.6
95 33.0 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 39.942 ng
RT: 6.65 min Scan# 776
Delta R.T. 0.00 min
Lab File: BF109429.D
Acq: 28 Sep 2018 14:58

Tgt Ion: 146 Resp: 339662
Ion Ratio Lower Upper
146 100
148 64.8 51.8 77.8
75 30.9 24.2 36.4

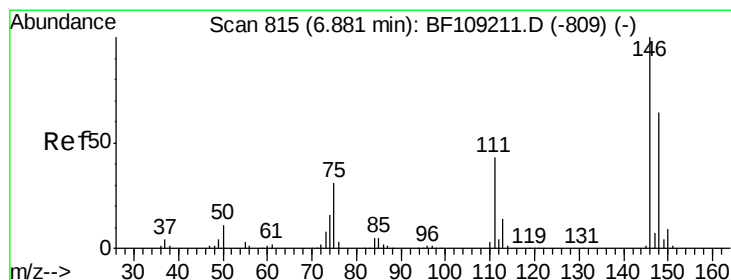
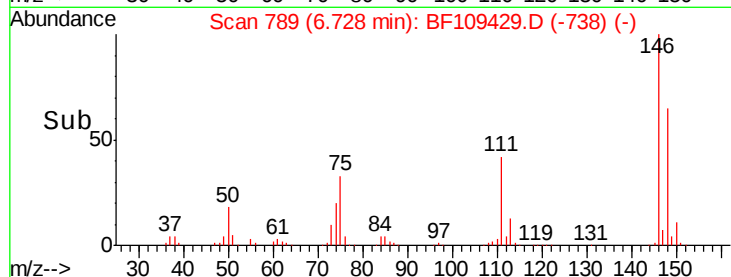
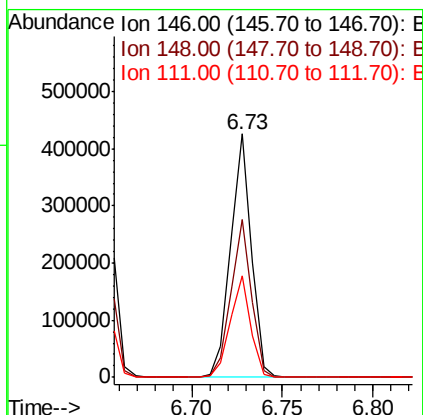
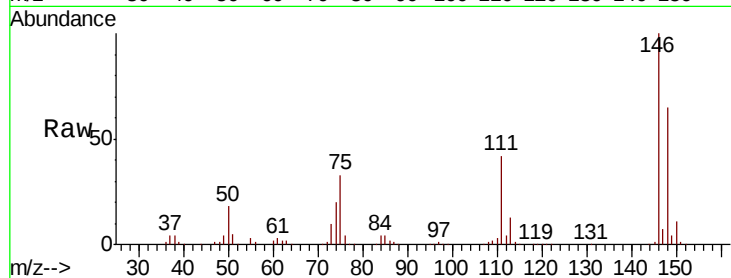




#13
 1,4-Dichlorobenzene
 Concen: 39.773 ng
 RT: 6.73 min Scan# 789
 Delta R.T. 0.00 min
 Lab File: BF109429.D
 Acq: 28 Sep 2018 14:58

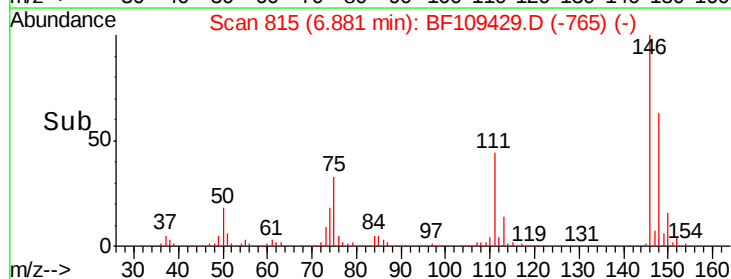
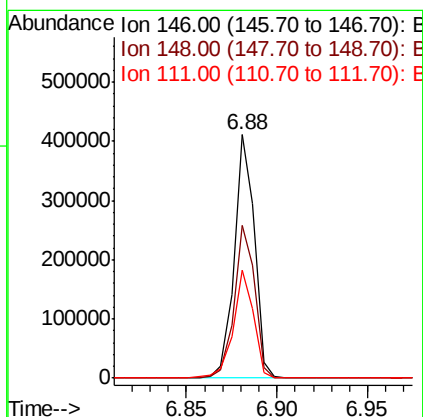
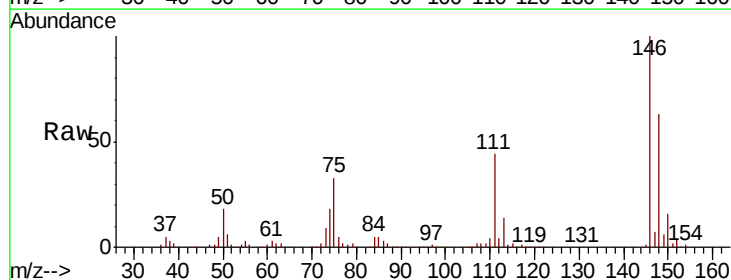
Instrument :
 BNA_F
 ClientSampleId :

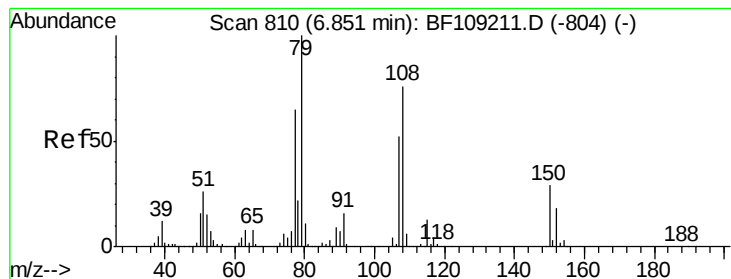
Tot Ion	Ratio	Lower	Upper
146	100		
148	64.6	50.8	76.2
111	41.5	34.2	51.2



#14
 1,2-Dichlorobenzene
 Concen: 40.285 ng
 RT: 6.88 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF109429.D
 Acq: 28 Sep 2018 14:58

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.7	50.6	75.8
111	44.1	36.0	54.0





#15

Benzyl Alcohol

Concen: 41.331 ng

RT: 6.86 min Scan# 811

Delta R.T. -0.01 min

Lab File: BF109429.D

Acq: 28 Sep 2018 14:58

Instrument :

BNA_F

ClientSampled :

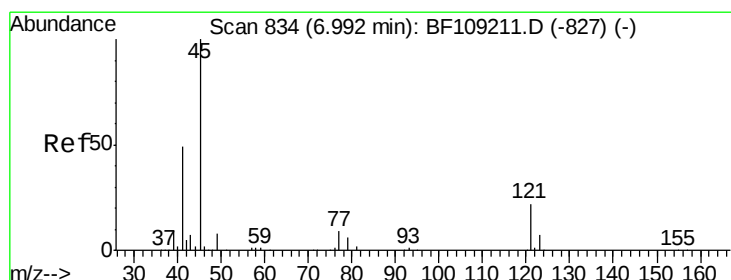
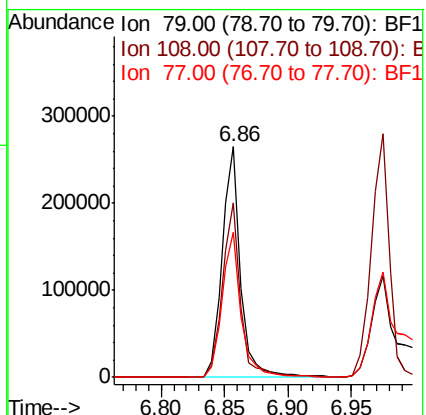
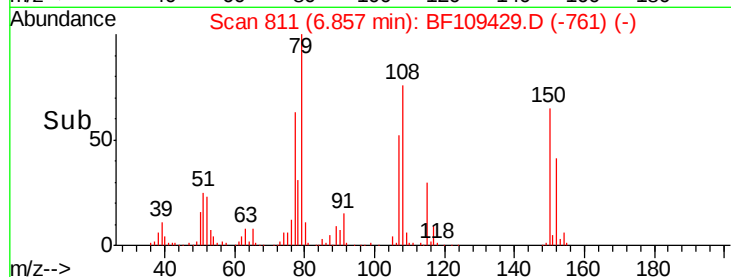
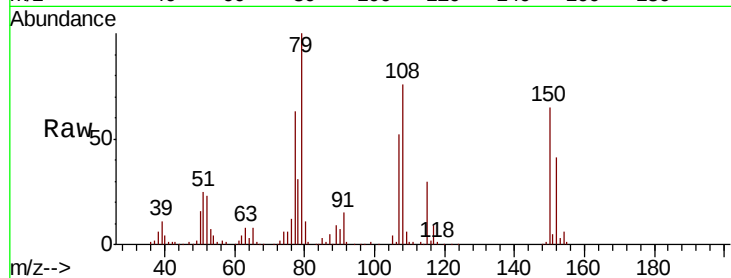
Tot Ion: 79 Resp: 268127

Ion Ratio Lower Upper

79 100

108 75.5 65.1 97.7

77 62.8 50.6 75.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.235 ng

RT: 6.99 min Scan# 834

Delta R.T. -0.01 min

Lab File: BF109429.D

Acq: 28 Sep 2018 14:58

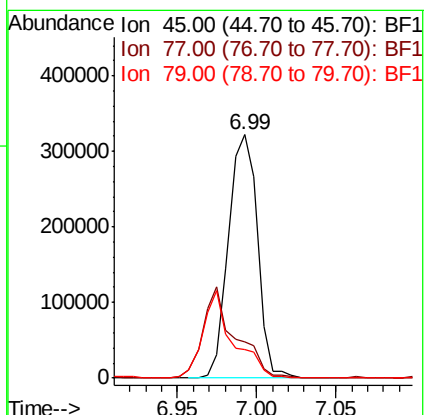
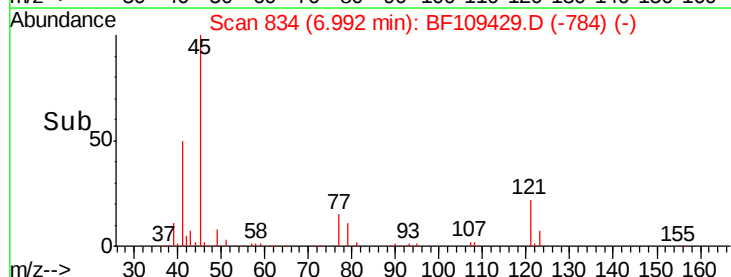
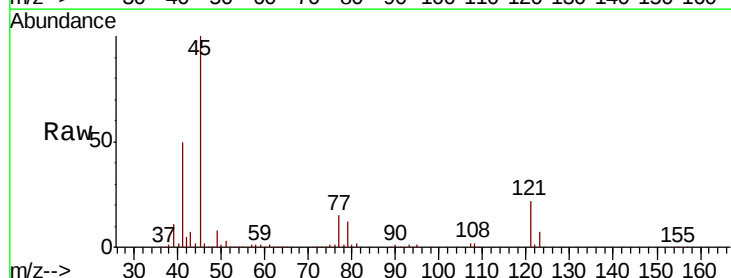
Tgt Ion: 45 Resp: 407313

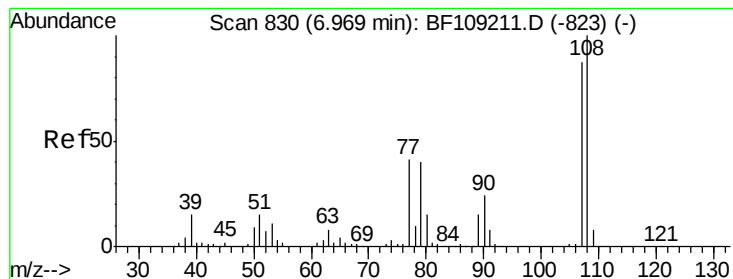
Ion Ratio Lower Upper

45 100

77 15.0 0.0 32.9

79 11.7 0.0 29.6





#17

2-Methylphenol

Concen: 40.169 ng

RT: 6.97 min Scan# 831

Delta R.T. 0.00 min

Lab File: BF109429.D

Acq: 28 Sep 2018 14:58

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 240058

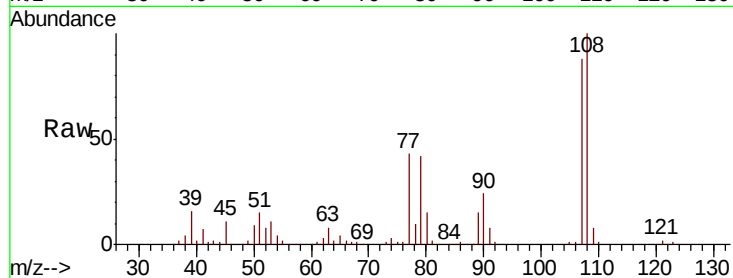
Ion Ratio Lower Upper

107 100

108 113.4 91.7 137.5

77 49.1 33.8 50.8

79 47.1 33.8 50.8

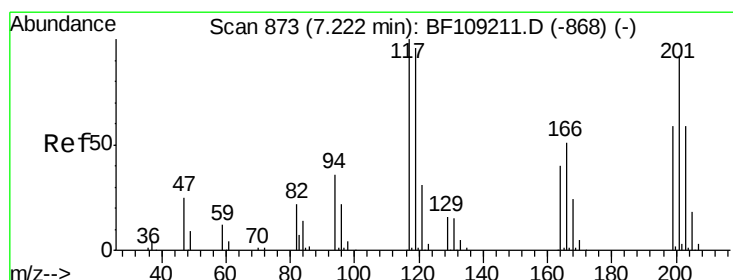
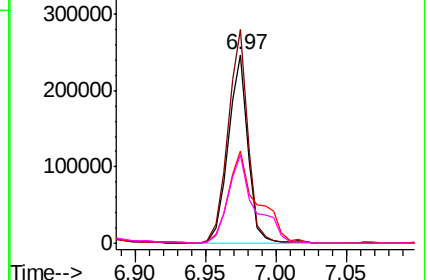
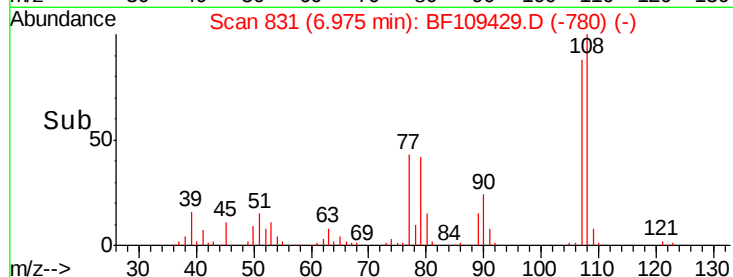


Abundance Ion 107.00 (106.70 to 107.70): E

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: 41.268 ng

RT: 7.22 min Scan# 873

Delta R.T. 0.00 min

Lab File: BF109429.D

Acq: 28 Sep 2018 14:58

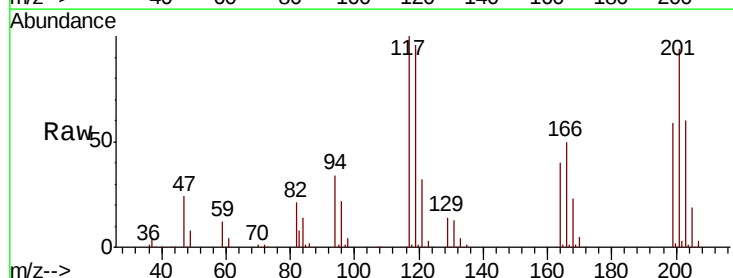
Tgt Ion:117 Resp: 124560

Ion Ratio Lower Upper

117 100

119 95.8 75.8 113.8

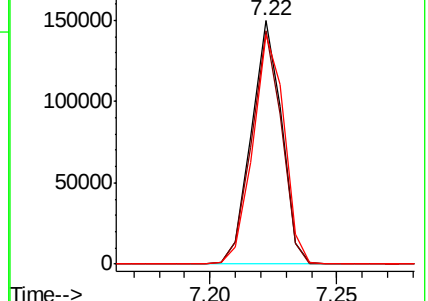
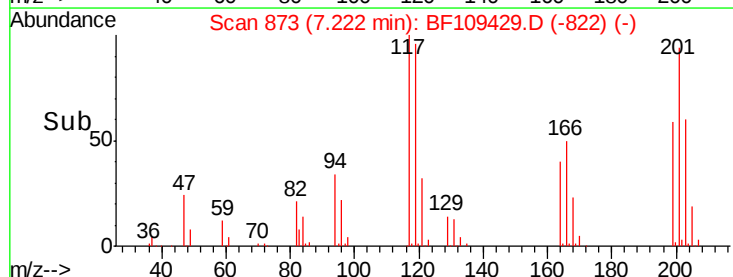
201 94.5 75.7 113.5

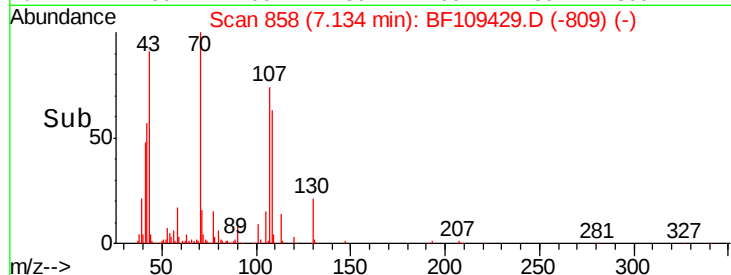
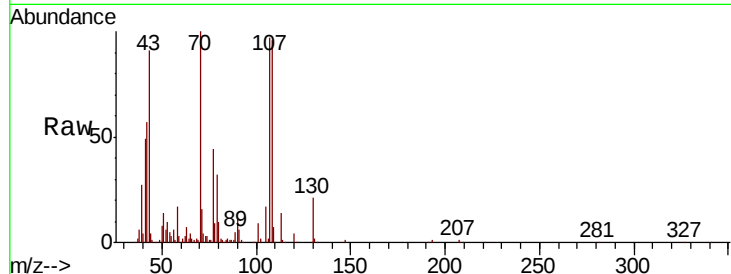
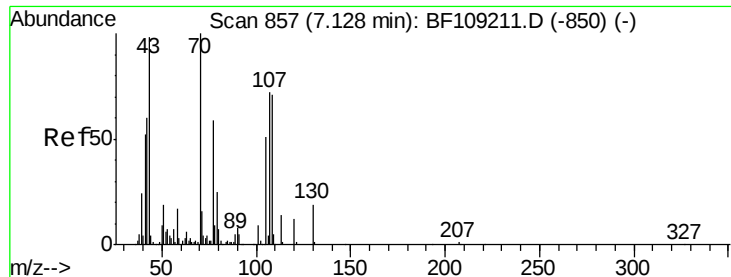


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

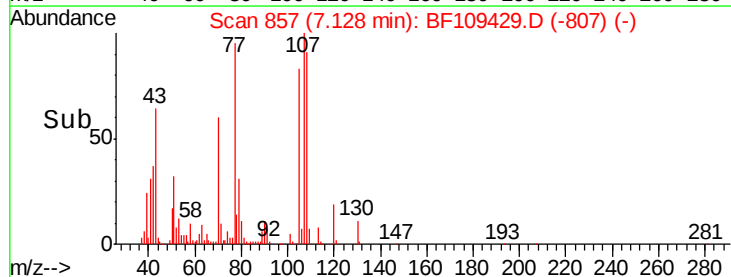
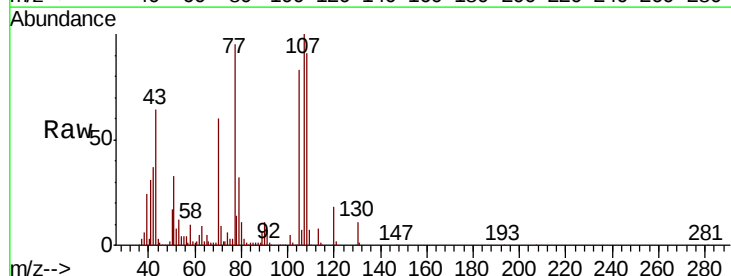
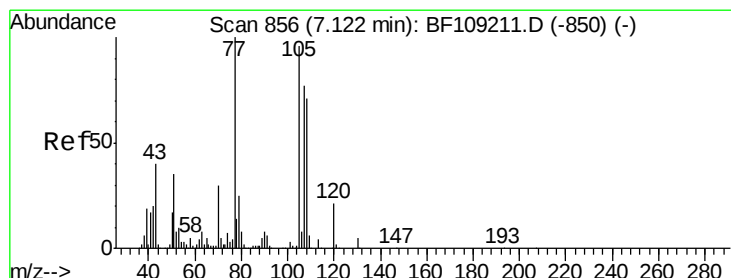
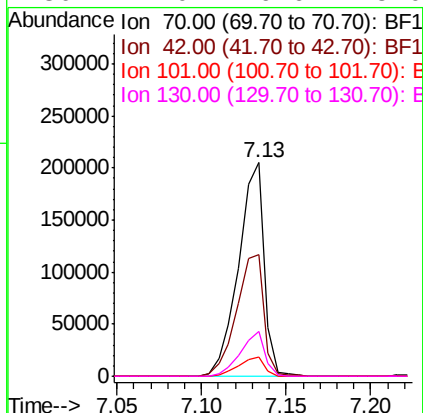




#19
n-Nitroso-di-n-propylamine
Concen: 39.135 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF109429.D
Acq: 28 Sep 2018 14:58

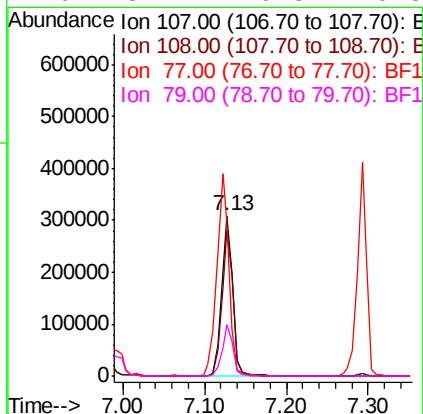
Instrument :
BNA_F
ClientSampleId :

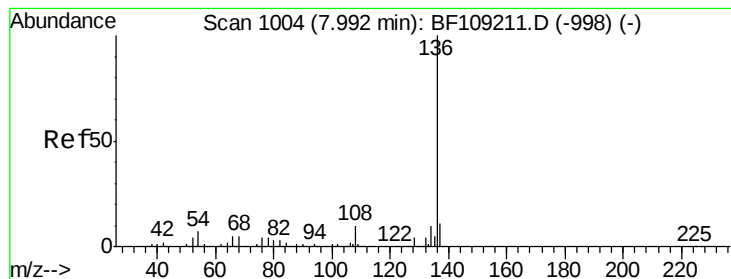
Tot Ion:	70	Resp:	217334
Ion	Ratio	Lower	Upper
70	100		
42	57.0	47.5	71.3
101	9.0	7.4	11.2
130	21.0	16.6	25.0



#20
3+4-Methylphenols
Concen: 40.720 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.01 min
Lab File: BF109429.D
Acq: 28 Sep 2018 14:58

Tgt Ion:	107	Resp:	293808
Ion	Ratio	Lower	Upper
107	100		
108	91.4	68.2	108.2
77	95.3	26.7	66.7#
79	31.7	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.99 min Scan# 1004

Delta R.T. 0.00 min

Lab File: BF109429.D

Acq: 28 Sep 2018 14:58

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 441828

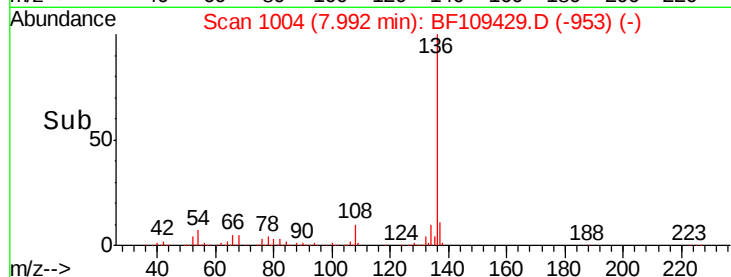
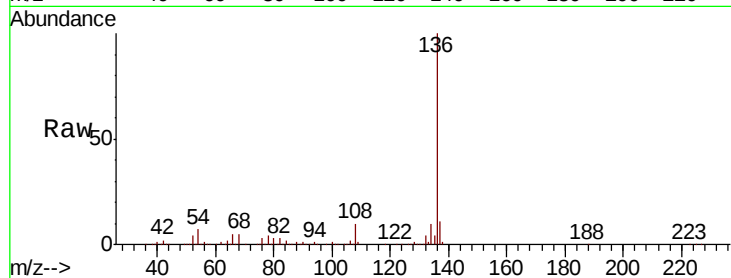
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 7.0 6.6 9.8

68 5.4 5.0 7.4



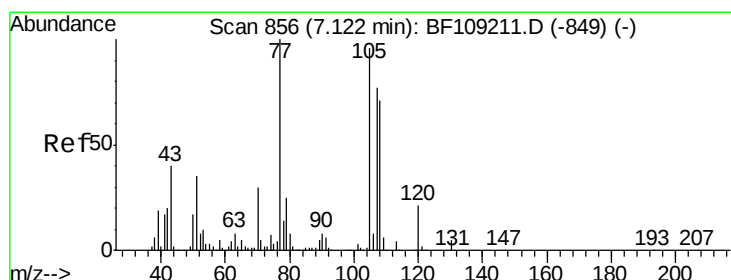
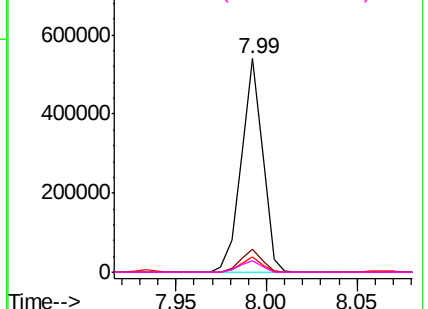
Abundance

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: 38.970 ng

RT: 7.12 min Scan# 856

Delta R.T. -0.01 min

Lab File: BF109429.D

Acq: 28 Sep 2018 14:58

Tgt Ion:105 Resp: 398074

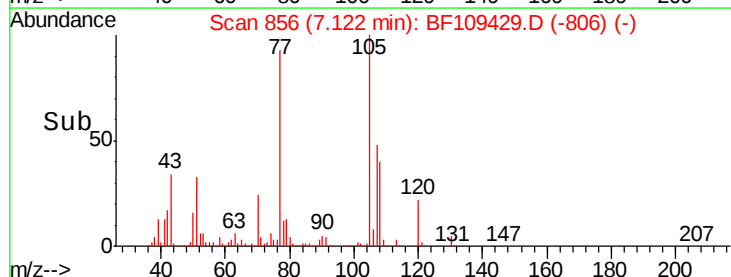
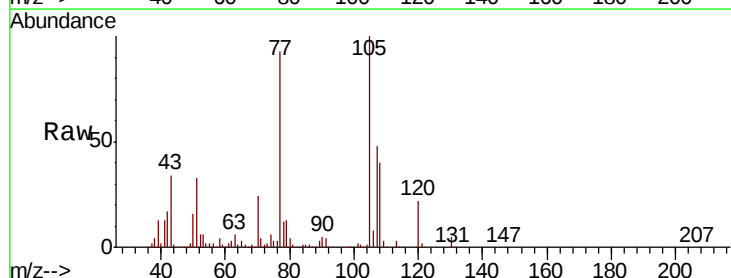
Ion Ratio Lower Upper

105 100

71 3.9 4.4 6.6#

51 32.8 22.3 33.5

120 21.6 16.9 25.3



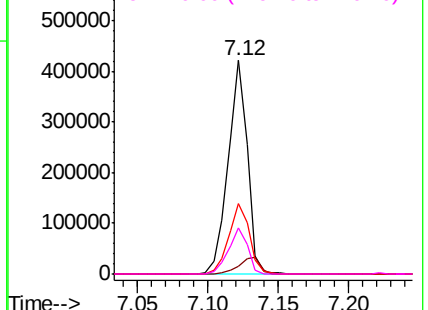
Abundance

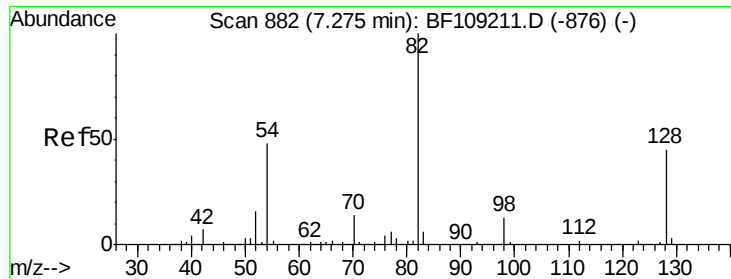
Ion 105.00 (104.70 to 105.70): E

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

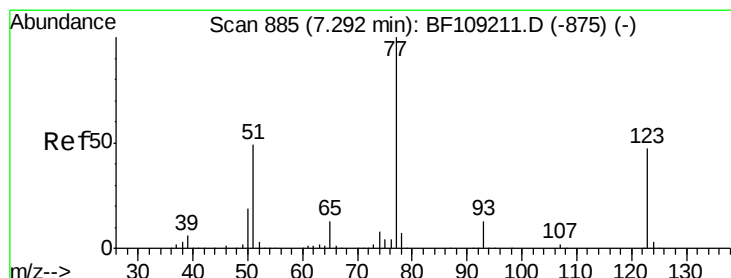
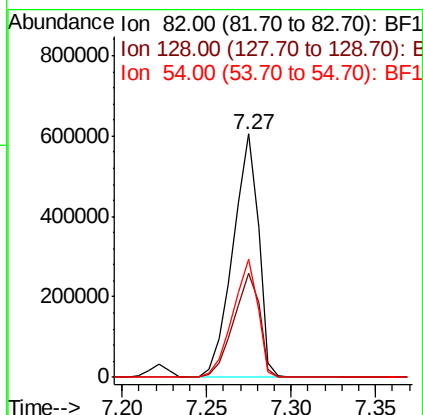
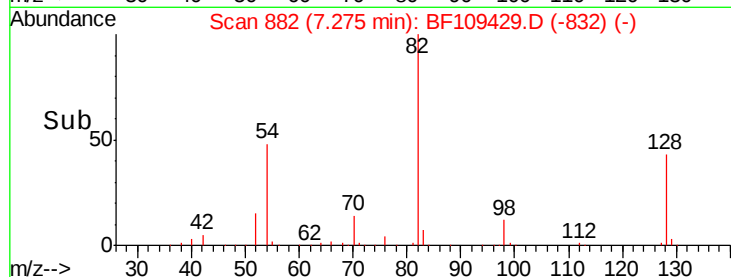
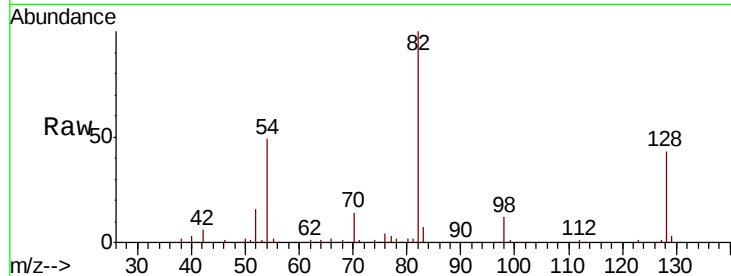




#23
 Nitrobenzene-d5
 Concen: 85.087 ng
 RT: 7.27 min Scan# 882
 Delta R.T. -0.01 min
 Lab File: BF109429.D
 Acq: 28 Sep 2018 14:58

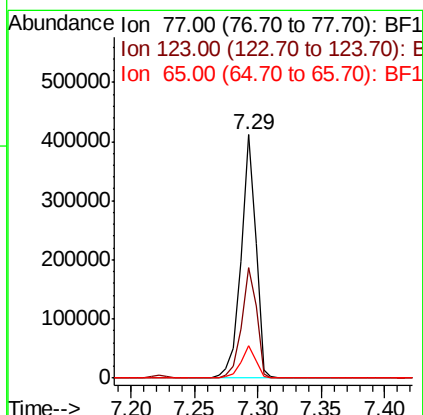
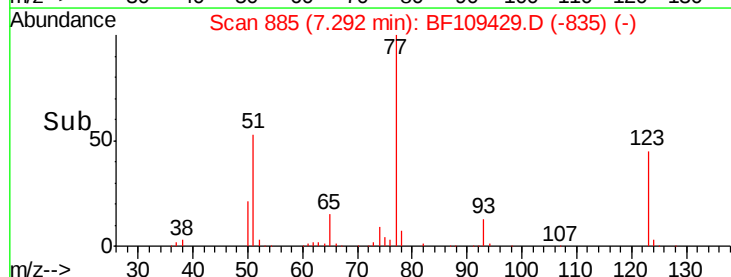
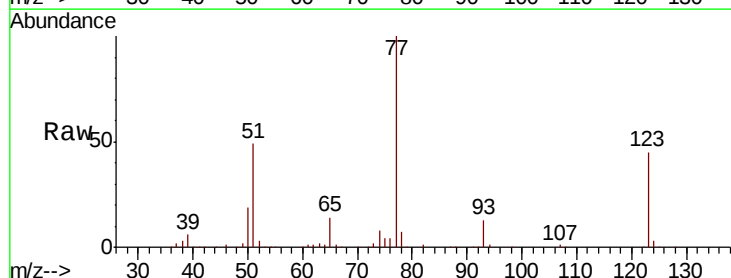
Instrument :
 BNA_F
 ClientSampleId :

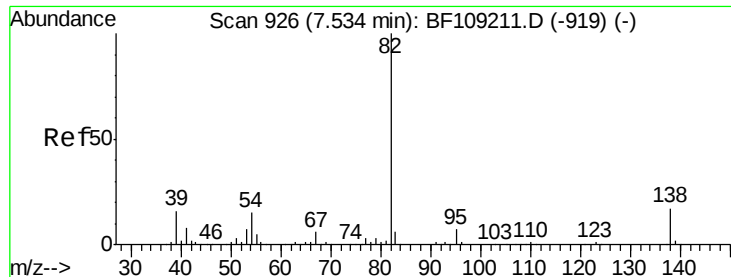
Tot Ion: 82 Resp: 636846
 Ion Ratio Lower Upper
 82 100
 128 42.5 36.1 54.1
 54 48.6 41.4 62.2



#24
 Nitrobenzene
 Concen: 41.160 ng
 RT: 7.29 min Scan# 885
 Delta R.T. -0.01 min
 Lab File: BF109429.D
 Acq: 28 Sep 2018 14:58

Tgt Ion: 77 Resp: 327556
 Ion Ratio Lower Upper
 77 100
 123 45.3 37.9 56.9
 65 13.5 11.0 16.4

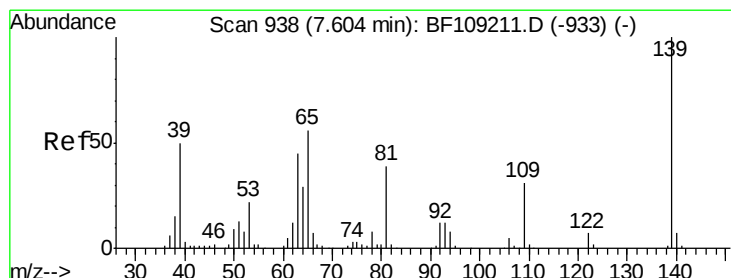
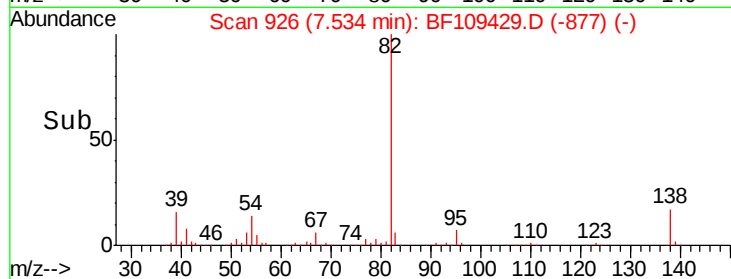
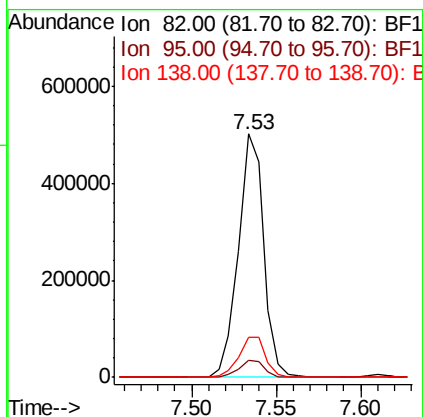
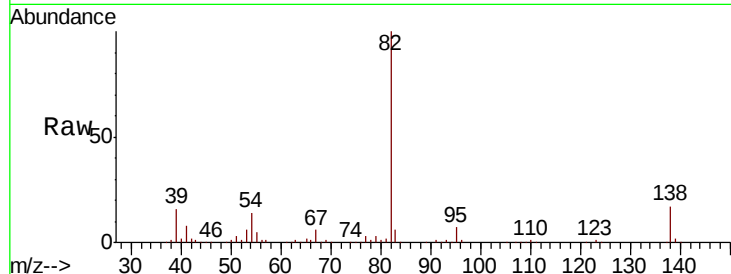




#25
Isophorone
Concen: 39.049 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.01 min
Lab File: BF109429.D
Acq: 28 Sep 2018 14:58

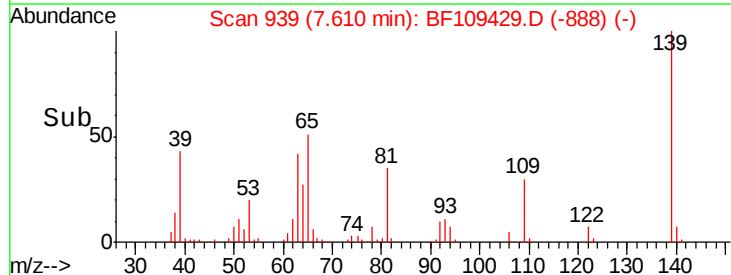
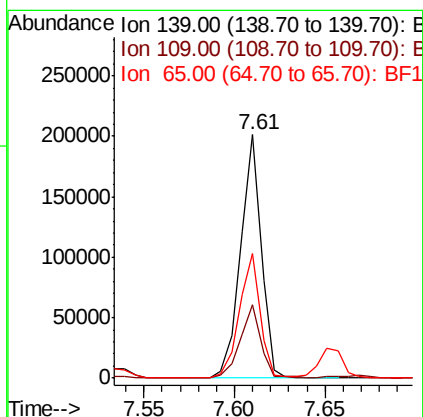
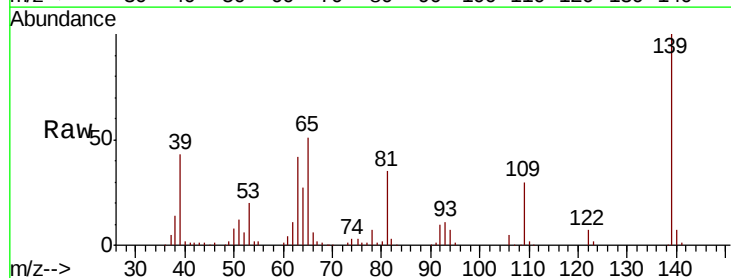
Instrument :
BNA_F
ClientSampleId :

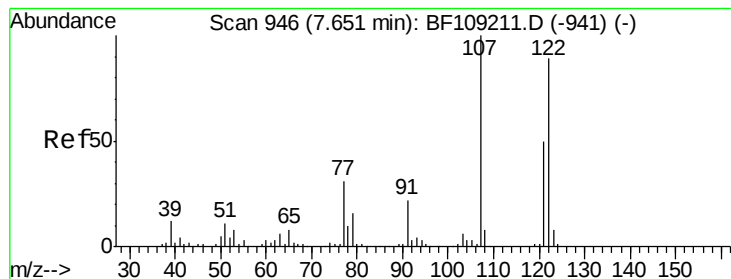
Tot Ion: 82 Resp: 526296
Ion Ratio Lower Upper
82 100
95 7.0 5.2 7.8
138 16.7 14.9 22.3



#26
2-Nitrophenol
Concen: 51.098 ng
RT: 7.61 min Scan# 939
Delta R.T. 0.00 min
Lab File: BF109429.D
Acq: 28 Sep 2018 14:58

Tgt Ion: 139 Resp: 160816
Ion Ratio Lower Upper
139 100
109 30.0 22.7 34.1
65 51.0 40.5 60.7

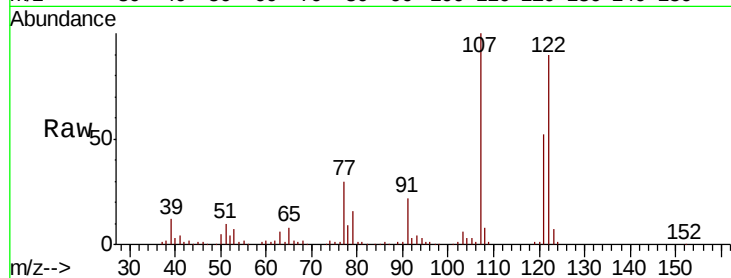




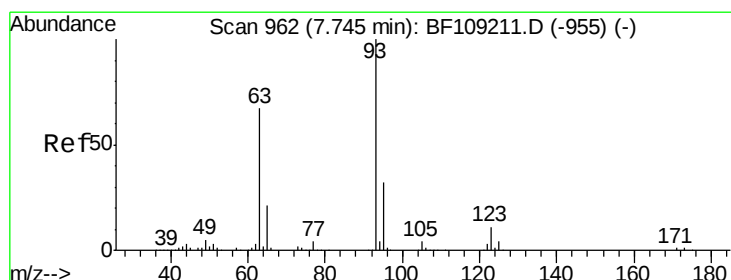
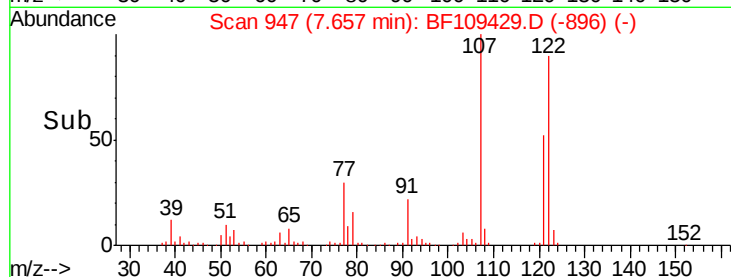
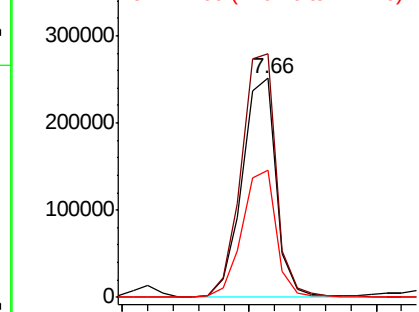
#27
 2,4-Dimethylphenol
 Concen: 40.433 ng
 RT: 7.66 min Scan# 947
 Delta R.T. 0.00 min
 Lab File: BF109429.D
 Acq: 28 Sep 2018 14:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
122	100		
107	111.0	91.2	136.8
121	57.8	47.2	70.8

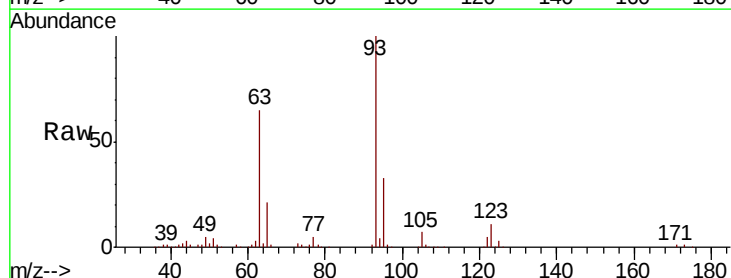


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

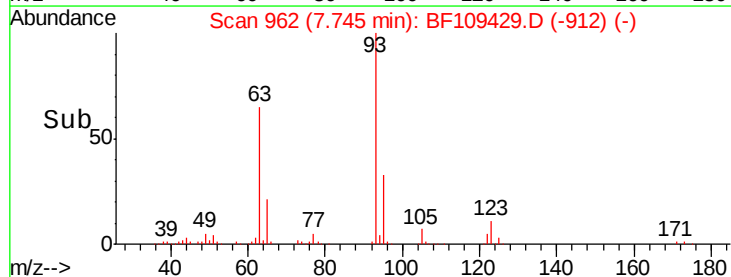
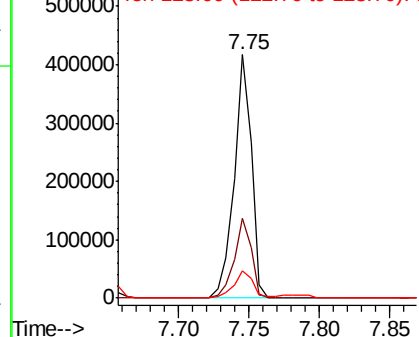


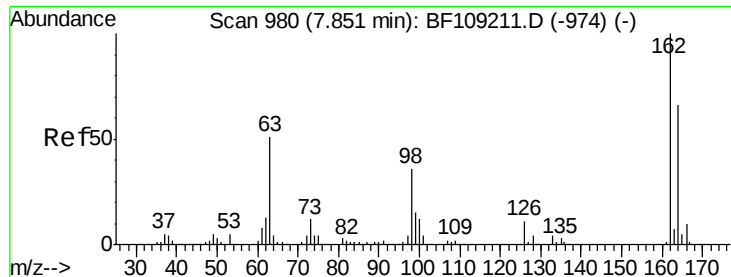
#28
 bis(2-Chloroethoxy)methane
 Concen: 39.704 ng
 RT: 7.75 min Scan# 962
 Delta R.T. -0.01 min
 Lab File: BF109429.D
 Acq: 28 Sep 2018 14:58

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.0	26.3	39.5
123	11.2	9.8	14.6



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

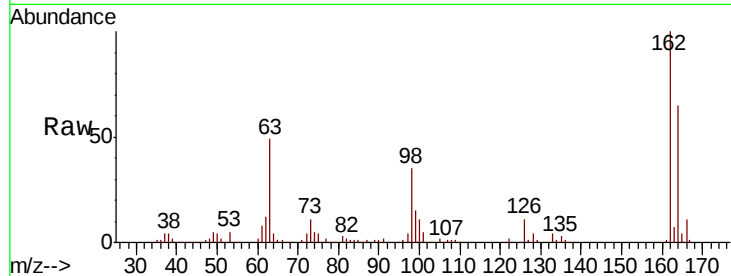




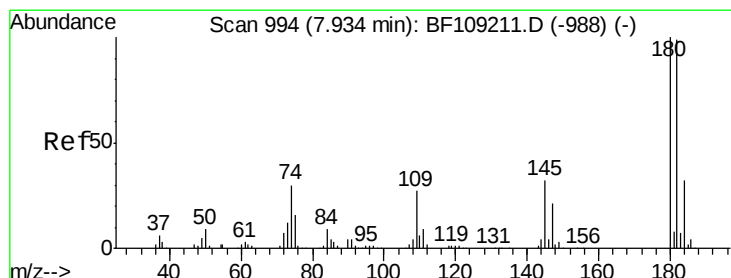
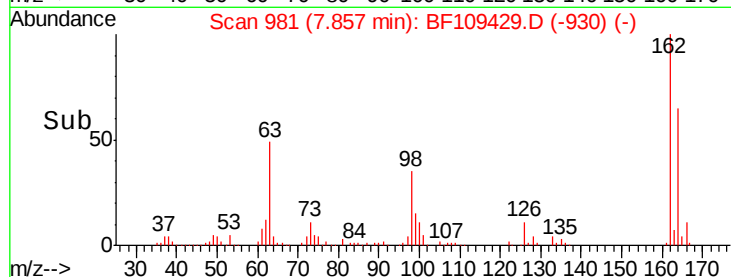
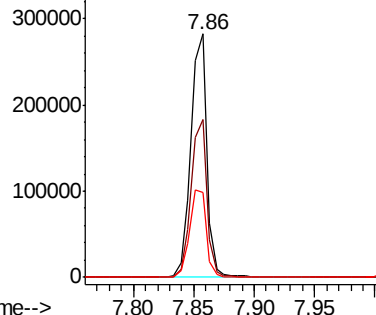
#29
 2,4-Dichlorophenol
 Concen: 41.710 ng
 RT: 7.86 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: BF109429.D
 Acq: 28 Sep 2018 14:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.8	42.7	82.7
98	34.7	18.1	58.1

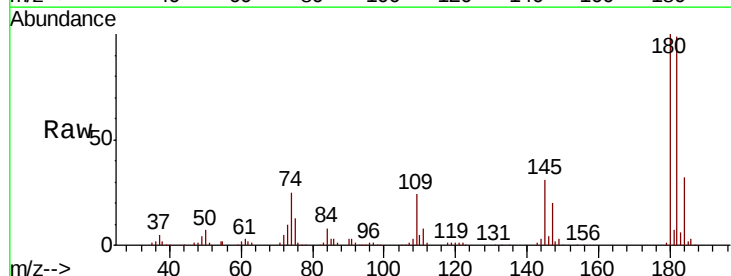


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

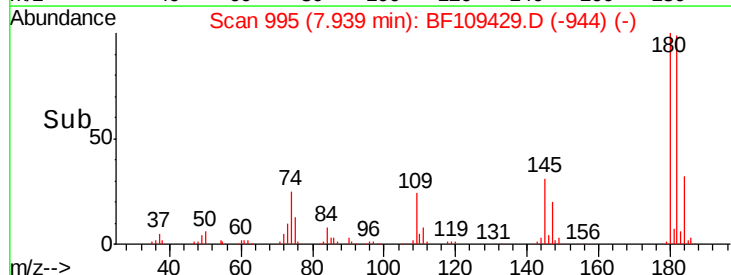
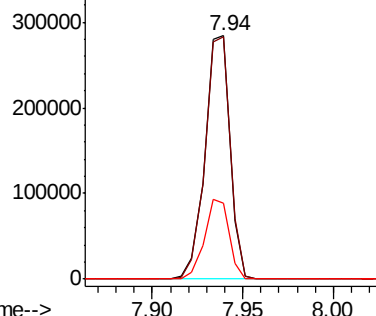


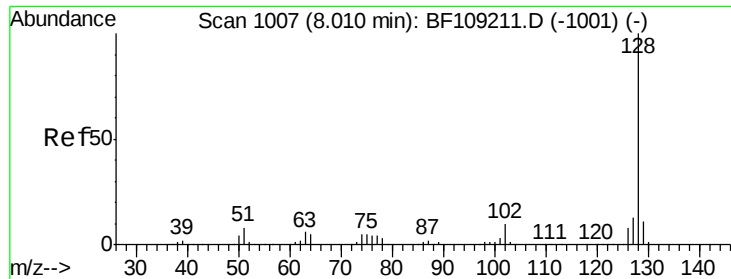
#30
 1,2,4-Trichlorobenzene
 Concen: 39.798 ng
 RT: 7.94 min Scan# 995
 Delta R.T. 0.00 min
 Lab File: BF109429.D
 Acq: 28 Sep 2018 14:58

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.5	76.8	115.2
145	30.9	26.5	39.7



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

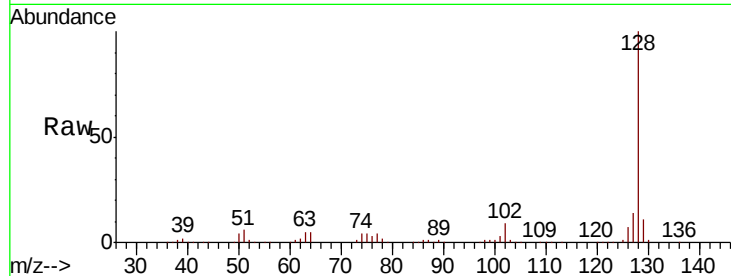




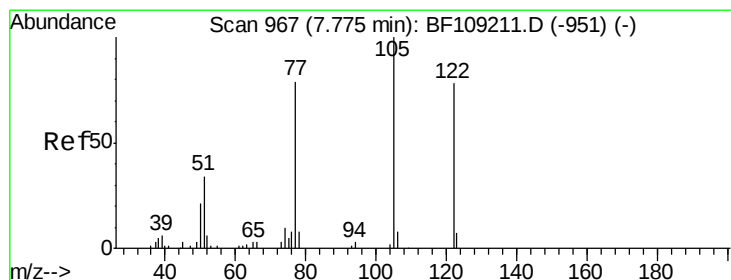
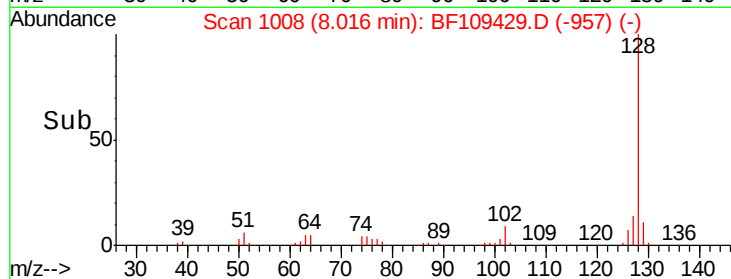
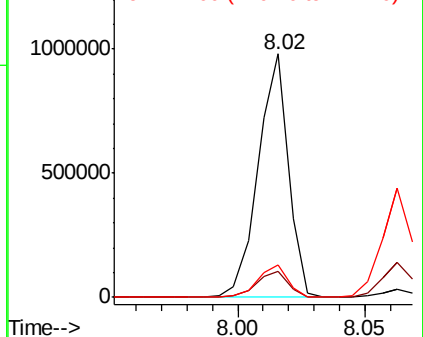
#31
Naphthalene
Concen: 39.557 ng
RT: 8.02 min Scan# 1008
Delta R.T. 0.00 min
Lab File: BF109429.D
Acq: 28 Sep 2018 14:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 816723
Ion Ratio Lower Upper
128 100
129 10.7 8.8 13.2
127 13.5 10.9 16.3

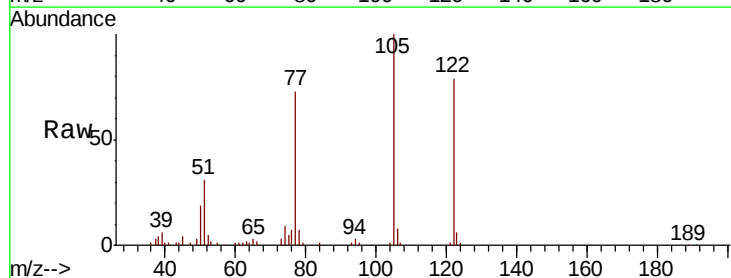


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

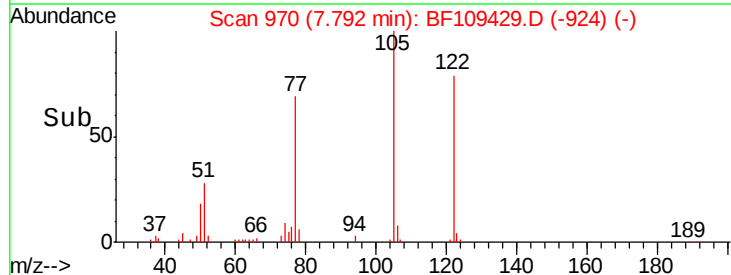
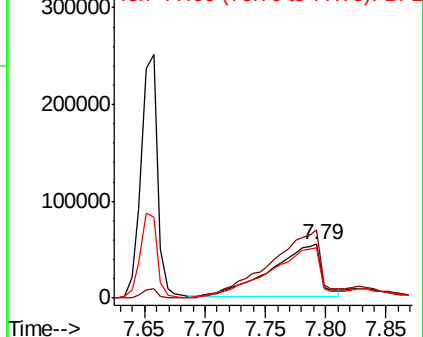


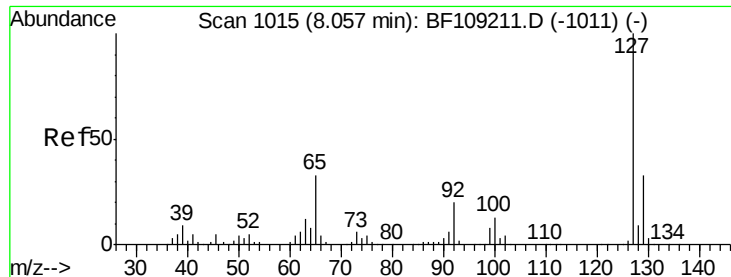
#32
Benzoic acid
Concen: 40.356 ng
RT: 7.79 min Scan# 970
Delta R.T. -0.03 min
Lab File: BF109429.D
Acq: 28 Sep 2018 14:58

Tgt Ion:122 Resp: 156017
Ion Ratio Lower Upper
122 100
105 127.1 101.1 141.1
77 92.6 70.7 110.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

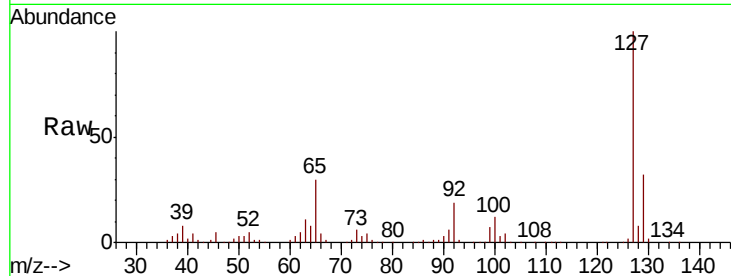




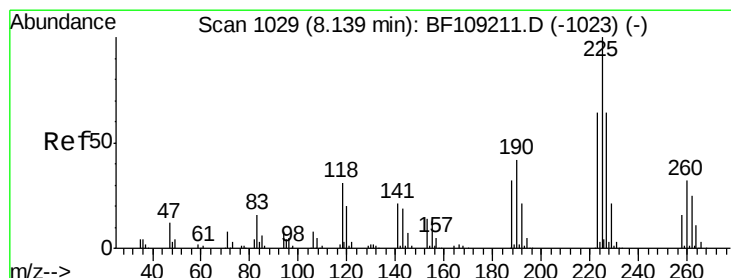
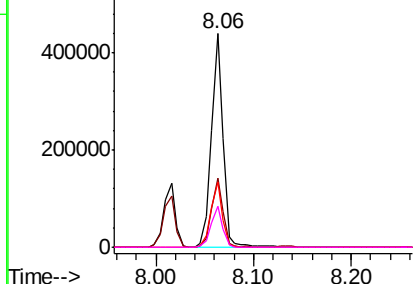
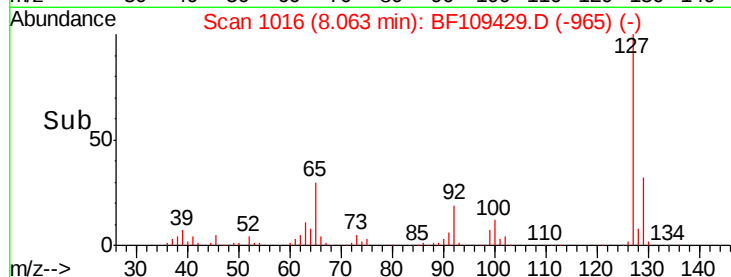
#33
4-Chloroaniline
Concen: 40.412 ng
RT: 8.06 min Scan# 1016
Delta R.T. 0.00 min
Lab File: BF109429.D
Acq: 28 Sep 2018 14:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	364502
Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.9	38.9
65	30.5	25.0	37.4
92	19.0	15.2	22.8

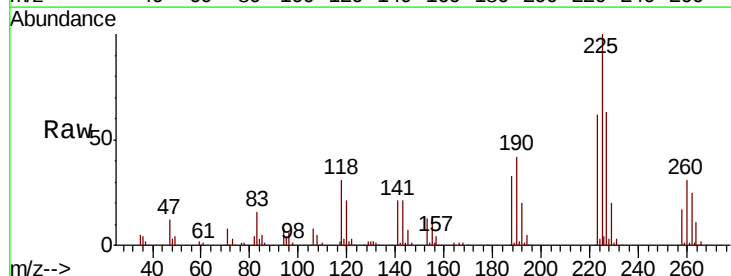


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

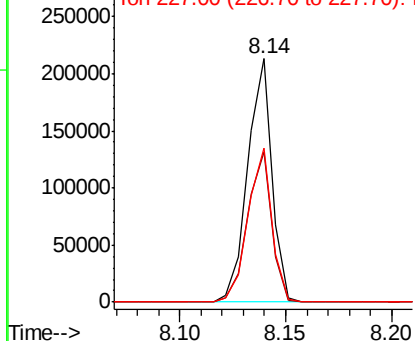
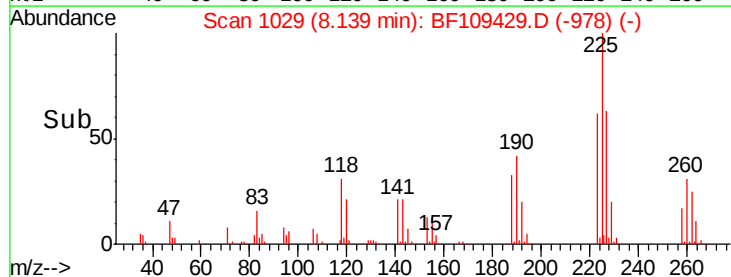


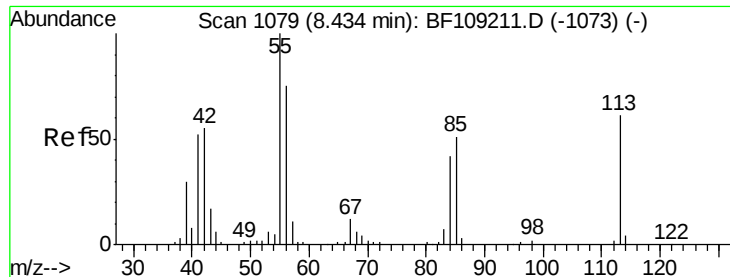
#34
Hexachlorobutadiene
Concen: 40.943 ng
RT: 8.14 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BF109429.D
Acq: 28 Sep 2018 14:58

Tgt Ion:	225	Resp:	170175
Ion	Ratio	Lower	Upper
225	100		
223	61.6	50.6	76.0
227	63.4	51.9	77.9



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

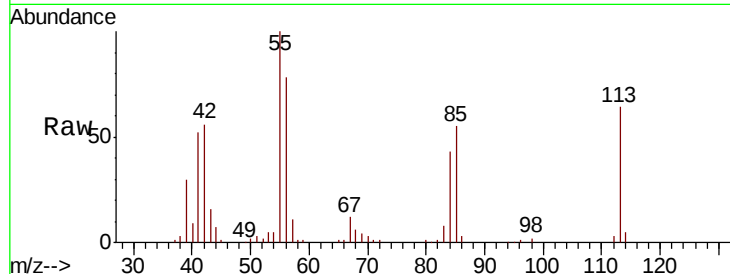




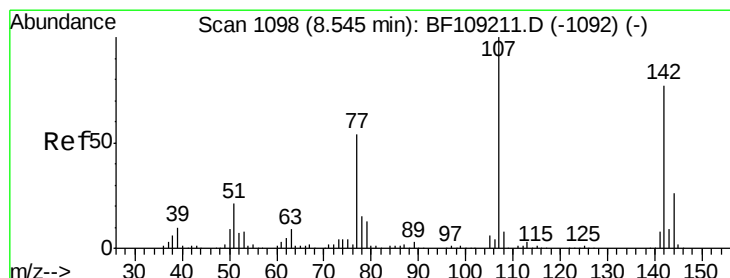
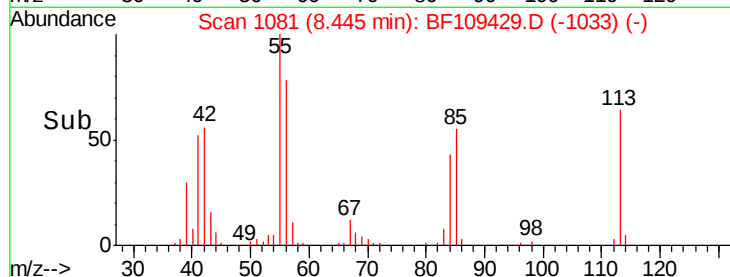
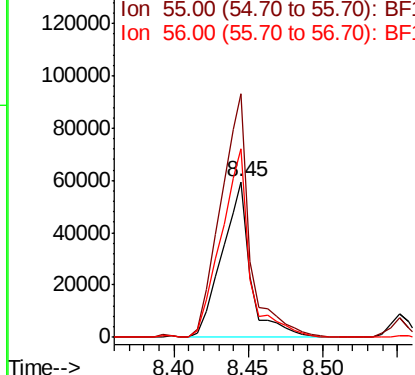
#35
 Caprolactam
 Concen: 40.694 ng
 RT: 8.45 min Scan# 1081
 Delta R.T. -0.02 min
 Lab File: BF109429.D
 Acq: 28 Sep 2018 14:58

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:113 Resp: 80165
 Ion Ratio Lower Upper
 113 100
 55 156.4 163.3 203.3#
 56 121.3 115.7 155.7

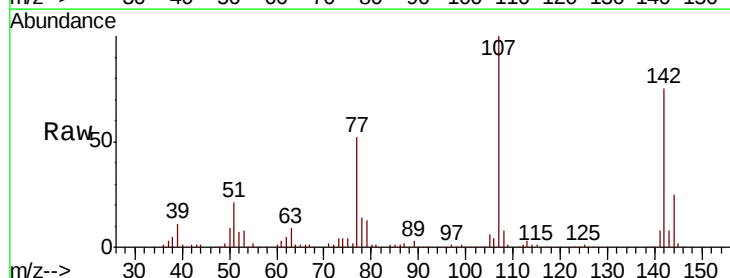


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

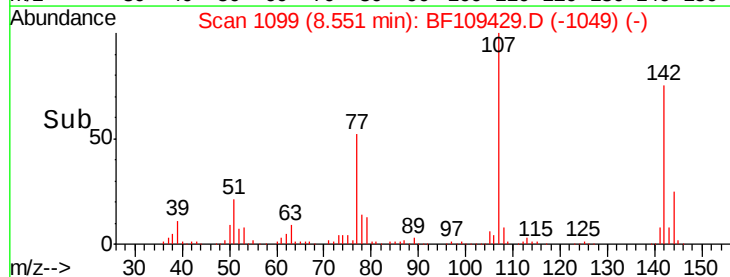
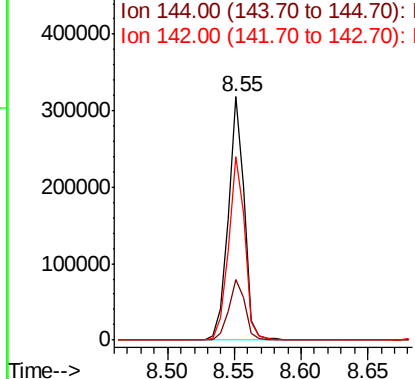


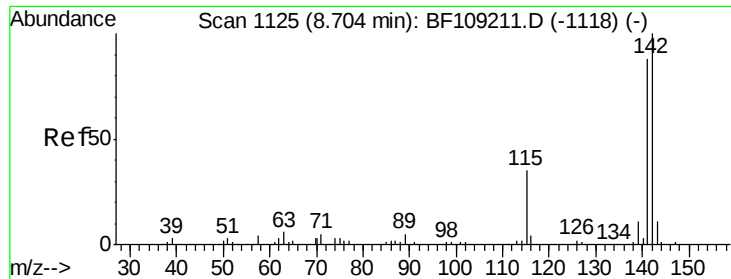
#36
 4-Chloro-3-methylphenol
 Concen: 41.512 ng
 RT: 8.55 min Scan# 1099
 Delta R.T. -0.01 min
 Lab File: BF109429.D
 Acq: 28 Sep 2018 14:58

Tgt Ion:107 Resp: 269528
 Ion Ratio Lower Upper
 107 100
 144 24.8 20.5 30.7
 142 75.5 62.0 93.0



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

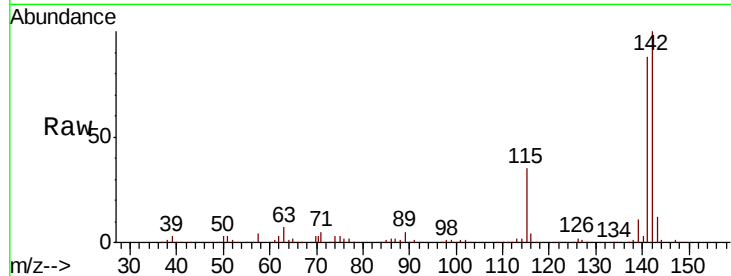




#37
 2-Methylnaphthalene
 Concen: 39.770 ng
 RT: 8.70 min Scan# 1125
 Delta R.T. 0.00 min
 Lab File: BF109429.D
 Acq: 28 Sep 2018 14:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.6	70.8	106.2
115	35.4	26.1	39.1

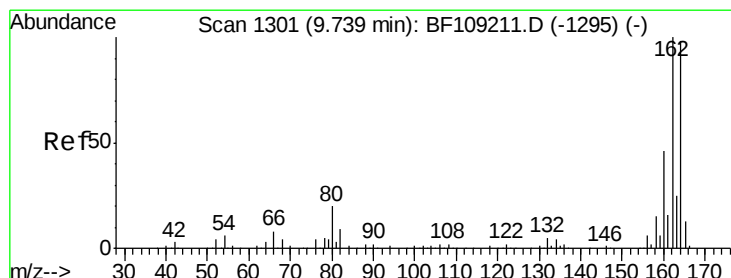
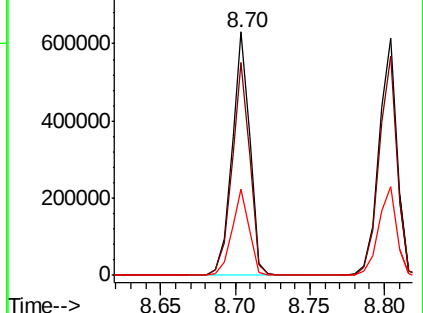
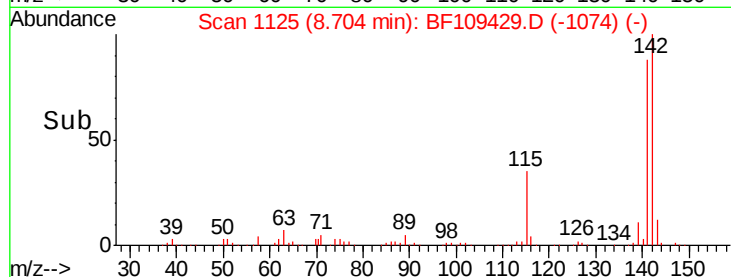


Abundance

Ion 142.00 (141.70 to 142.70): E

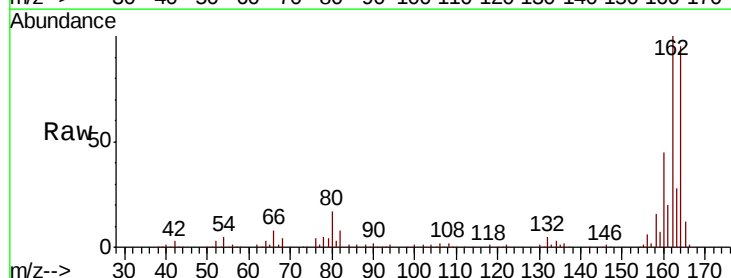
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1302
 Delta R.T. 0.01 min
 Lab File: BF109429.D
 Acq: 28 Sep 2018 14:58

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.7	86.1	129.1
160	47.2	38.3	57.5

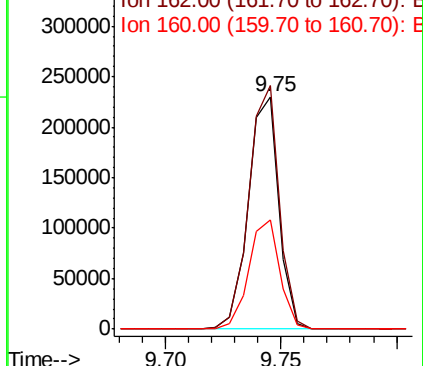
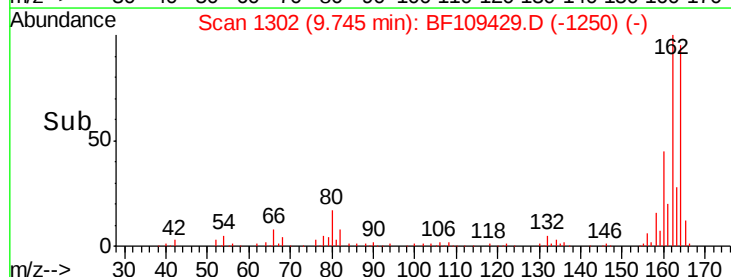


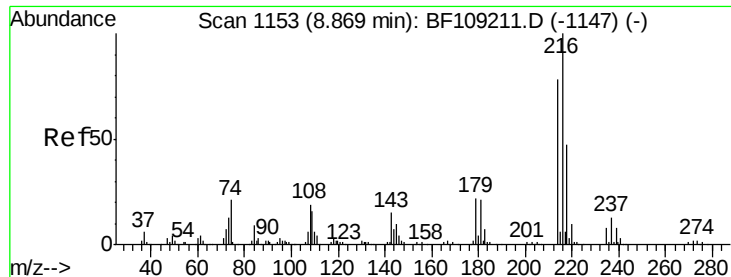
Abundance

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: 40.270 ng

RT: 8.87 min Scan# 1154

Delta R.T. 0.00 min

Lab File: BF109429.D

Acq: 28 Sep 2018 14:58

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 272657

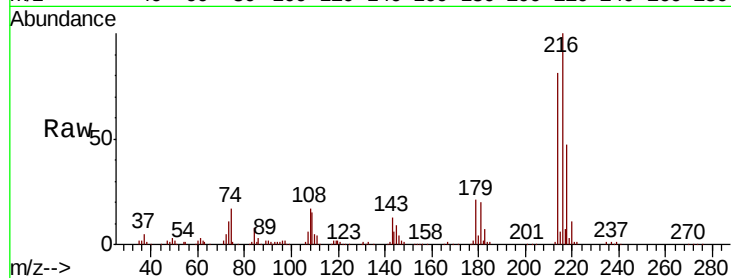
Ion Ratio Lower Upper

216 100

214 80.6 63.0 94.4

179 21.1 18.1 27.1

108 18.8 17.2 25.8

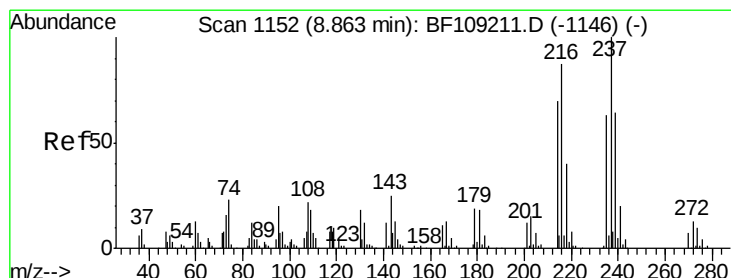
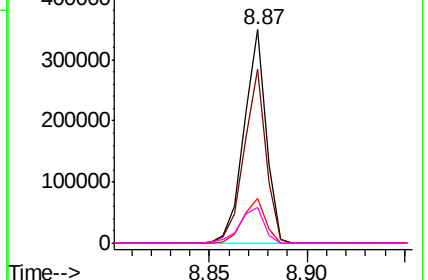
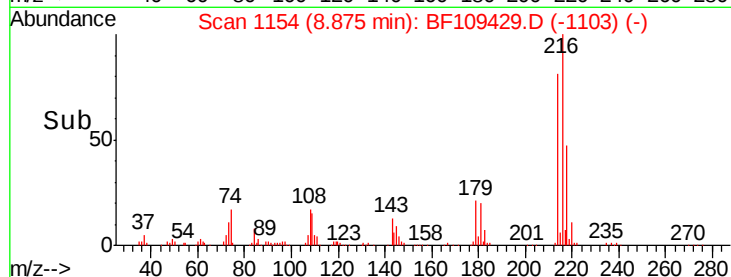


Abundance Ion 216.00 (215.70 to 216.70): E

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: 39.579 ng

RT: 8.86 min Scan# 1152

Delta R.T. 0.00 min

Lab File: BF109429.D

Acq: 28 Sep 2018 14:58

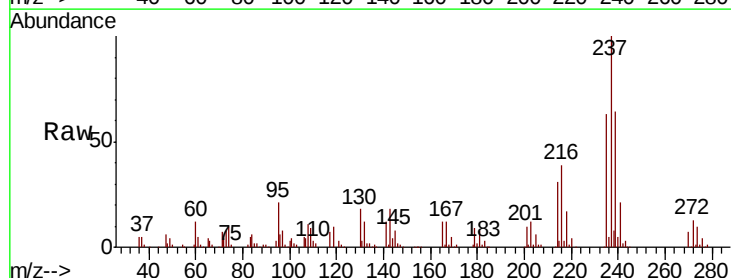
Tgt Ion:237 Resp: 116882

Ion Ratio Lower Upper

237 100

235 63.4 44.8 84.8

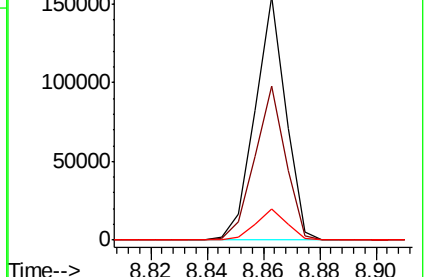
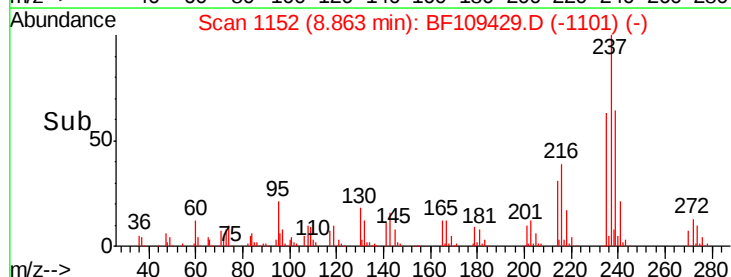
272 12.7 0.0 33.3

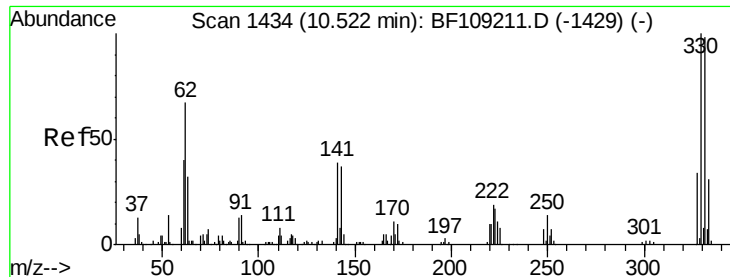


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

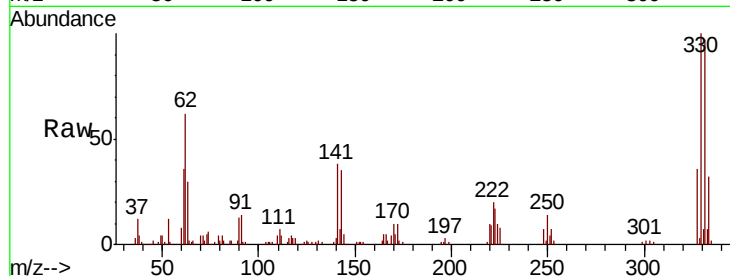




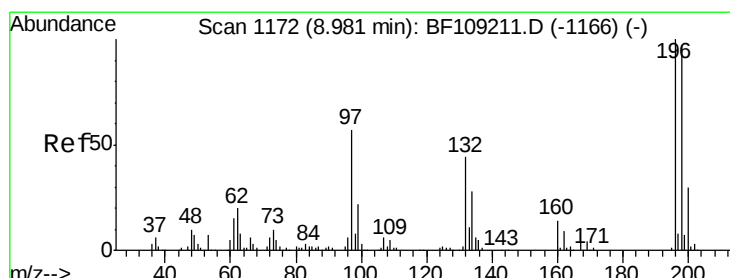
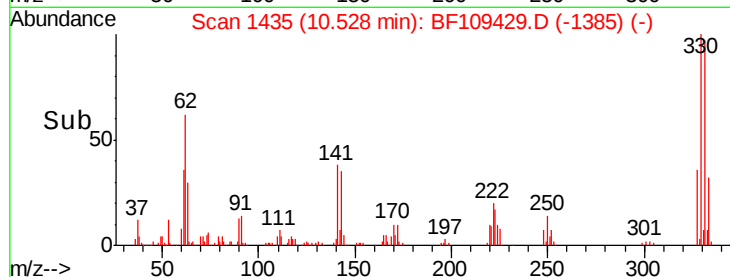
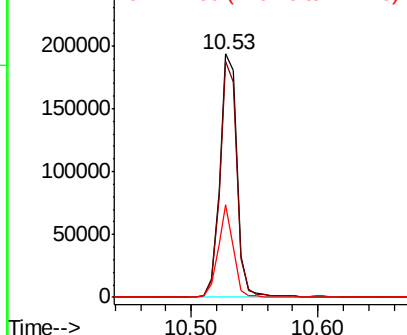
#41
 2,4,6-Tribromophenol
 Concen: 88.457 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. -0.01 min
 Lab File: BF109429.D
 Acq: 28 Sep 2018 14:58

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 185514
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.0 115.6
 141 34.0 29.9 44.9

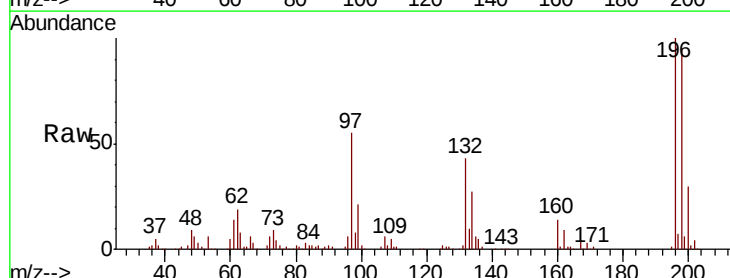


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

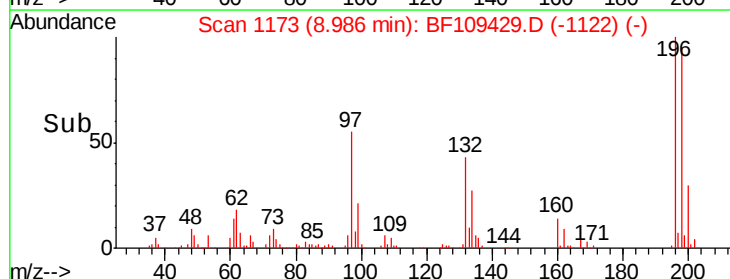
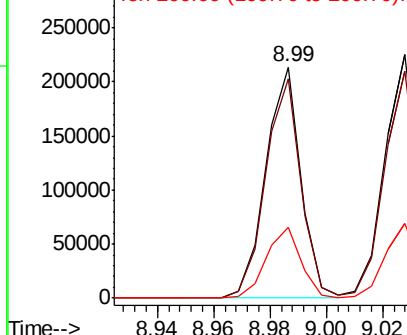


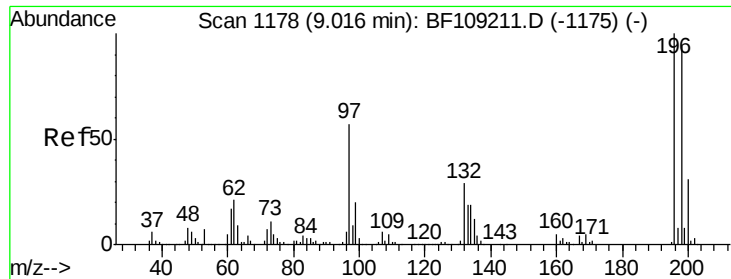
#42
 2,4,6-Trichlorophenol
 Concen: 42.479 ng
 RT: 8.99 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: BF109429.D
 Acq: 28 Sep 2018 14:58

Tgt Ion:196 Resp: 184589
 Ion Ratio Lower Upper
 196 100
 198 94.9 75.7 113.5
 200 30.5 24.5 36.7



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

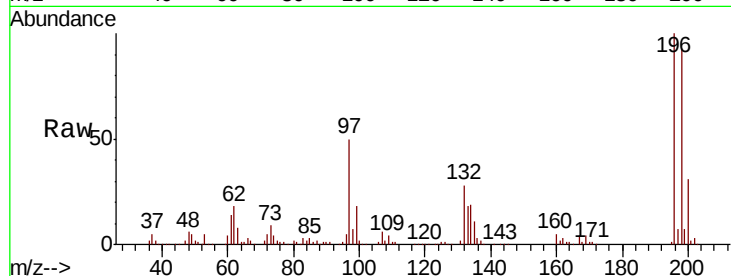




#43
 2,4,5-Trichlorophenol
 Concen: 43.100 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: BF109429.D
 Acq: 28 Sep 2018 14:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	93.2	74.6	112.0
97	49.8	42.9	64.3
132	27.9	26.3	39.5



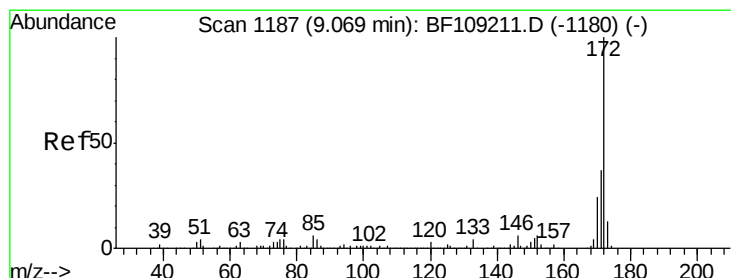
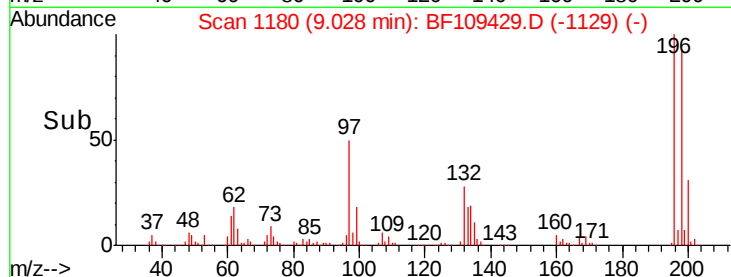
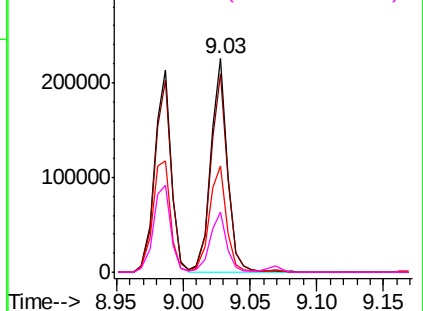
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

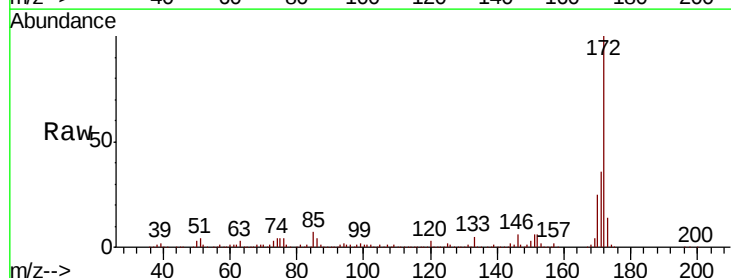
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 80.947 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF109429.D
 Acq: 28 Sep 2018 14:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	24.9	19.6	29.4

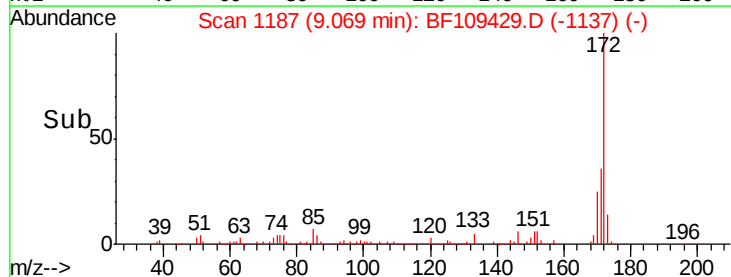
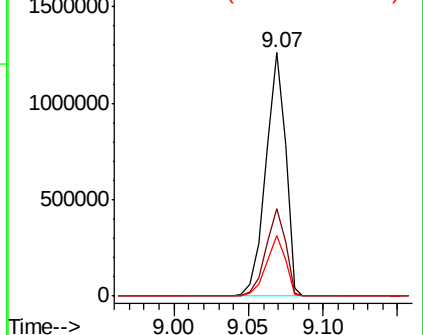


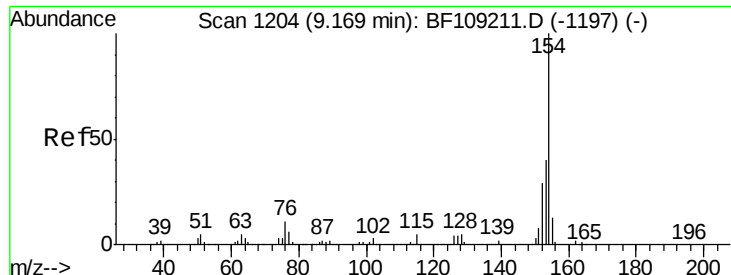
Abundance

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

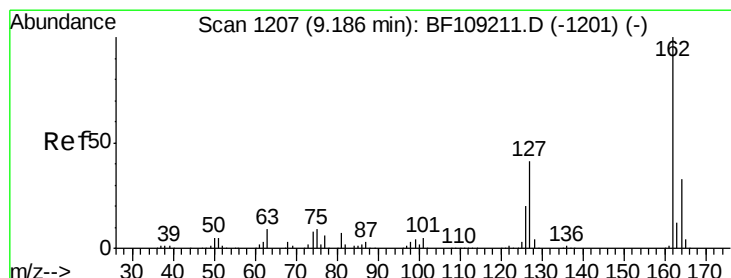
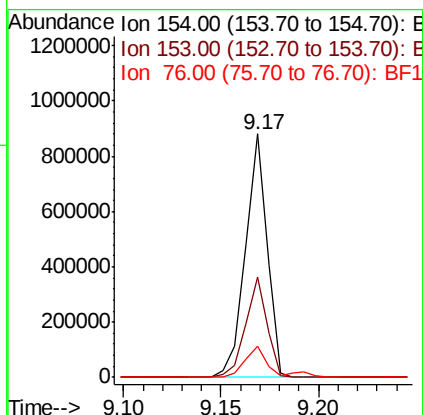
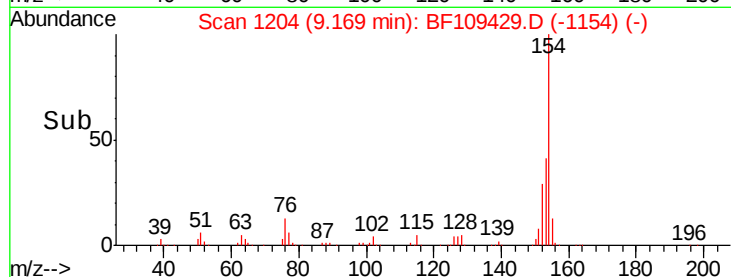
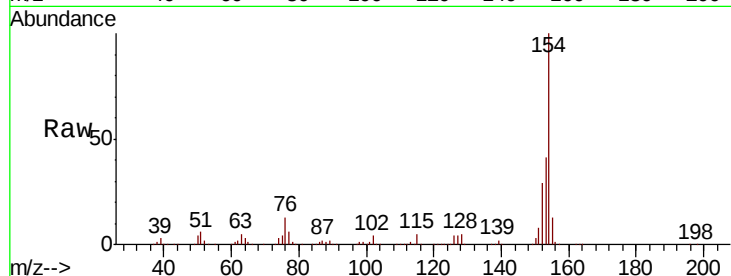




#45
1,1'-Biphenyl
Concen: 39.302 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF109429.D
Acq: 28 Sep 2018 14:58

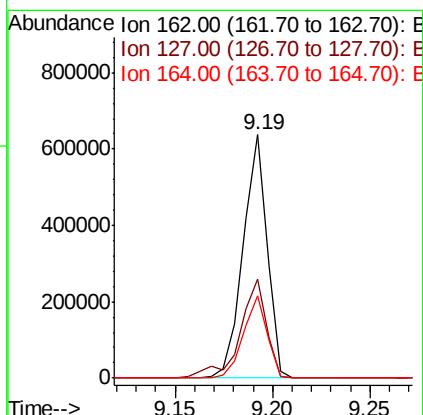
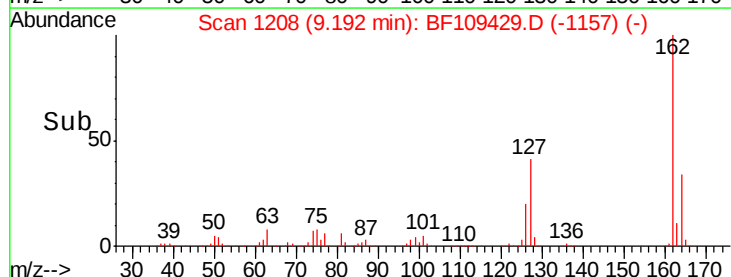
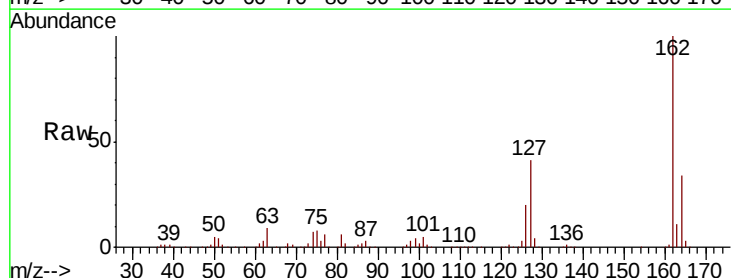
Instrument :
BNA_F
ClientSampled :

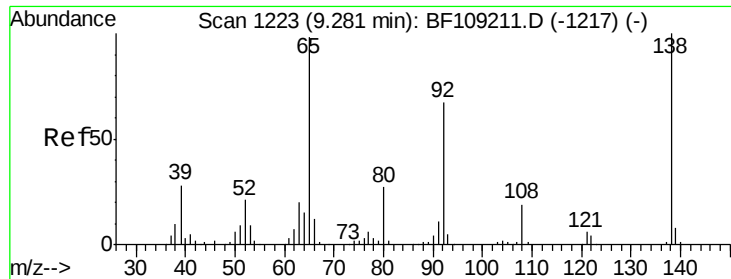
Tot Ion	Ratio	Lower	Upper
154	100		
153	41.1	21.3	61.3
76	12.8	0.0	34.0



#46
2-Chloronaphthalene
Concen: 39.333 ng
RT: 9.19 min Scan# 1208
Delta R.T. 0.00 min
Lab File: BF109429.D
Acq: 28 Sep 2018 14:58

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.7	33.9	50.9
164	33.9	26.5	39.7

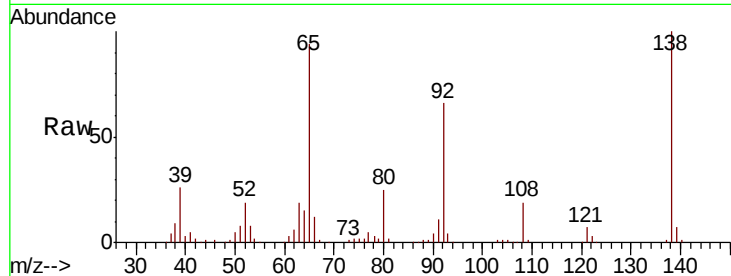




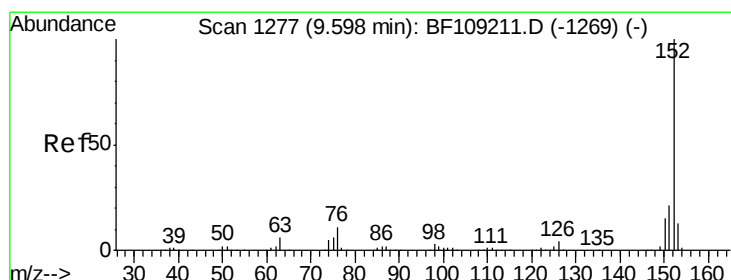
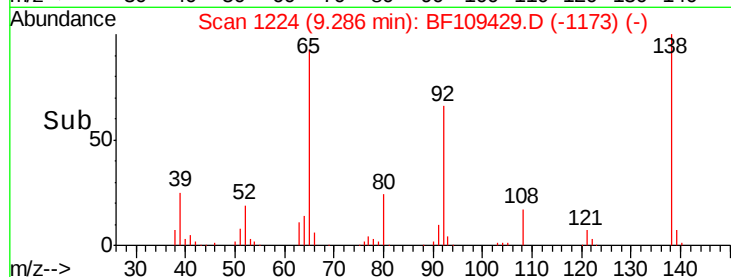
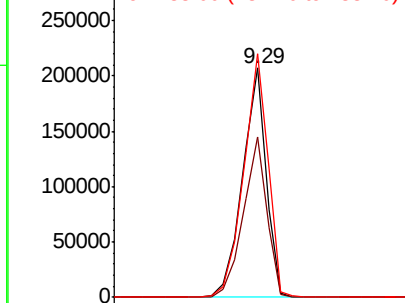
#47
2-Nitroaniline
Concen: 44.250 ng
RT: 9.29 min Scan# 1224
Delta R.T. 0.00 min
Lab File: BF109429.D
Acq: 28 Sep 2018 14:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 65 Resp: 173725
Ion Ratio Lower Upper
65 100
92 70.0 55.8 83.6
138 106.1 91.2 136.8

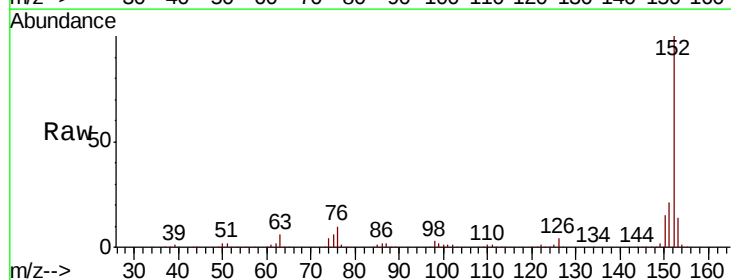


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E

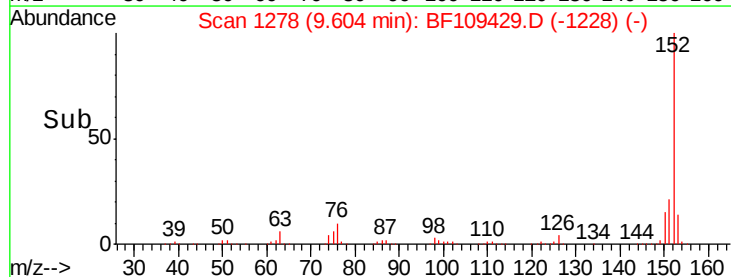
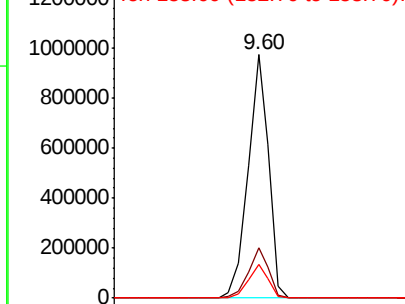


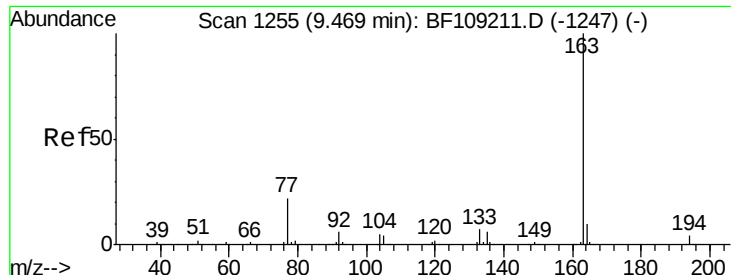
#48
Acenaphthylene
Concen: 39.517 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.01 min
Lab File: BF109429.D
Acq: 28 Sep 2018 14:58

Tgt Ion: 152 Resp: 825523
Ion Ratio Lower Upper
152 100
151 20.7 16.3 24.5
153 13.8 10.7 16.1



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

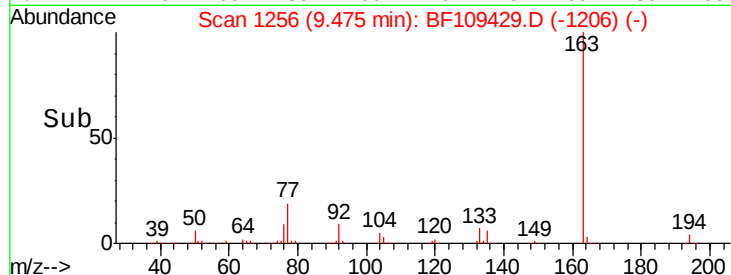
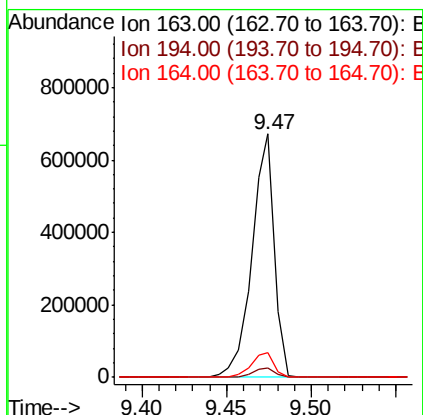
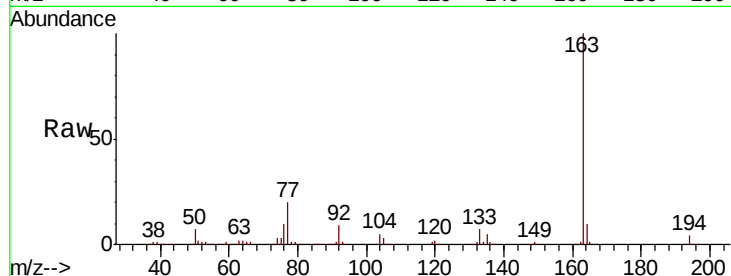




#49
Dimethylphthalate
Concen: 40.153 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BF109429.D
Acq: 28 Sep 2018 14:58

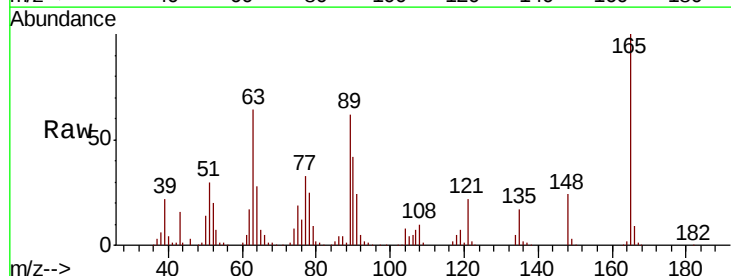
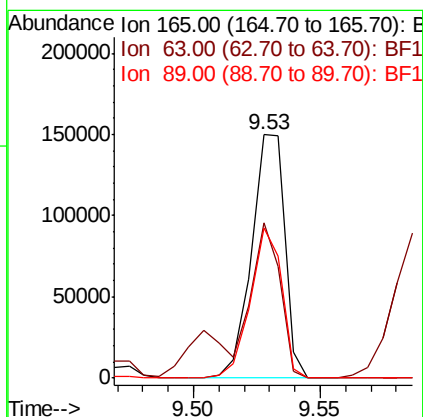
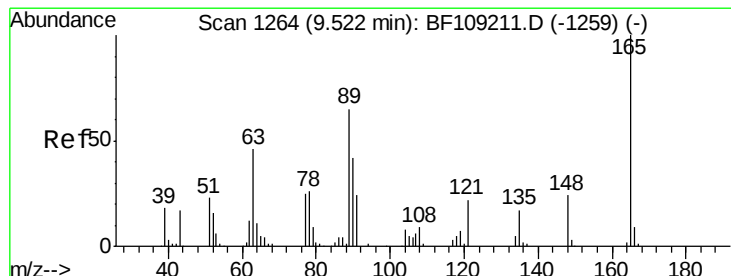
Instrument :
BNA_F
ClientSampleId :

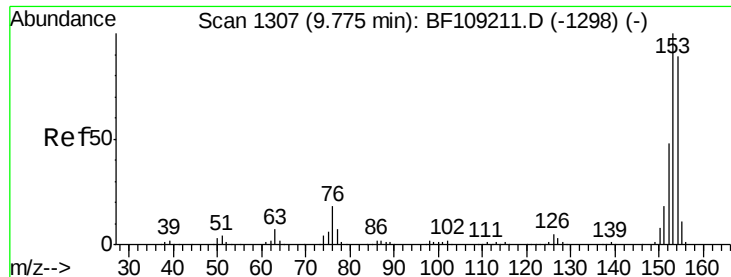
Tot Ion:163 Resp: 621321
Ion Ratio Lower Upper
163 100
194 4.0 2.7 4.1
164 10.1 8.2 12.2



#50
2,6-Dinitrotoluene
Concen: 44.861 ng
RT: 9.53 min Scan# 1265
Delta R.T. -0.01 min
Lab File: BF109429.D
Acq: 28 Sep 2018 14:58

Tgt Ion:165 Resp: 137482
Ion Ratio Lower Upper
165 100
63 63.8 44.7 67.1
89 61.8 44.0 66.0

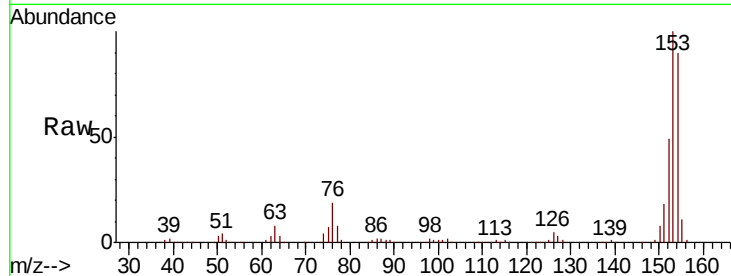




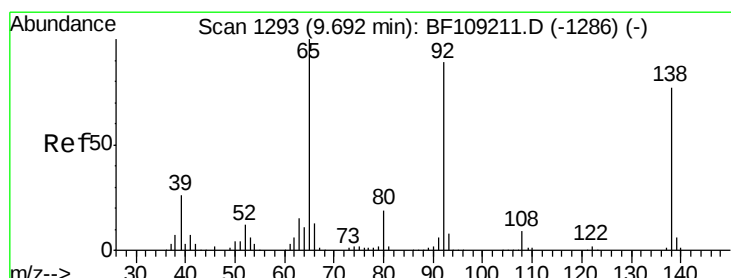
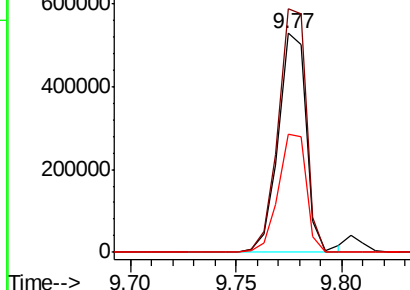
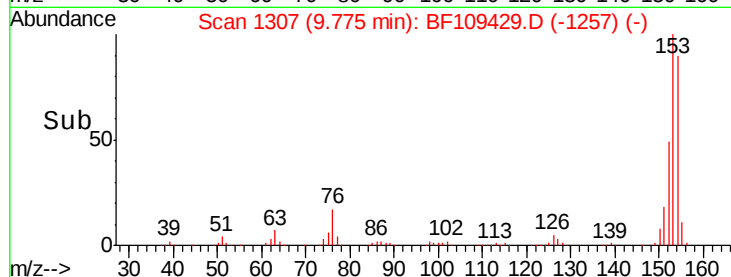
#51
Acenaphthene
Concen: 38.815 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BF109429.D
Acq: 28 Sep 2018 14:58

Instrument :
BNA_F
ClientSampled :

Tot Ion:154 Resp: 490233
Ion Ratio Lower Upper
154 100
153 111.3 91.2 136.8
152 54.1 43.8 65.8

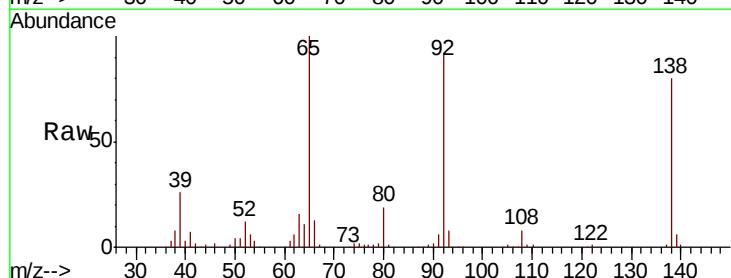


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

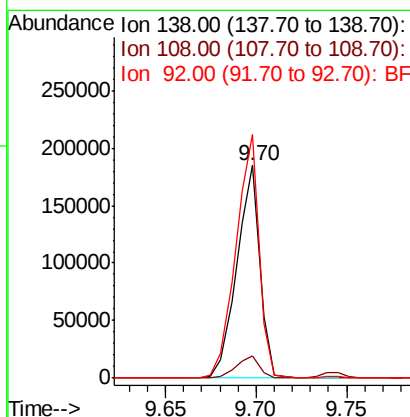
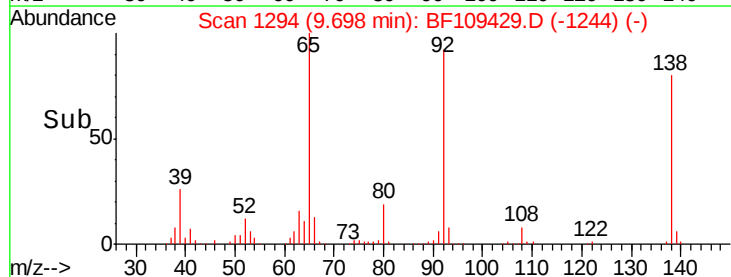


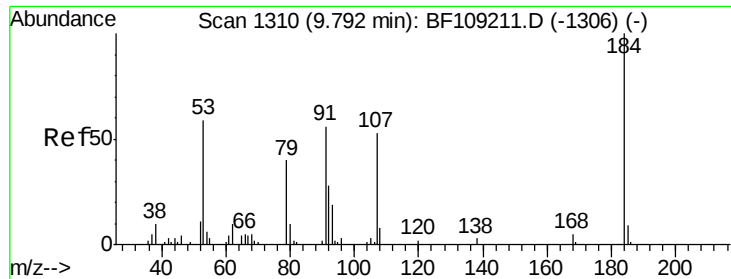
#52
3-Nitroaniline
Concen: 45.970 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BF109429.D
Acq: 28 Sep 2018 14:58

Tgt Ion:138 Resp: 163148
Ion Ratio Lower Upper
138 100
108 10.6 9.4 14.0
92 114.4 89.4 134.2



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

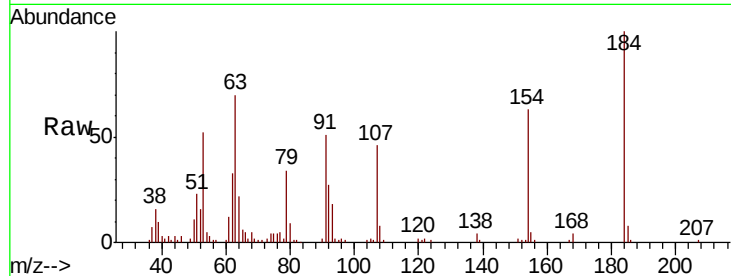




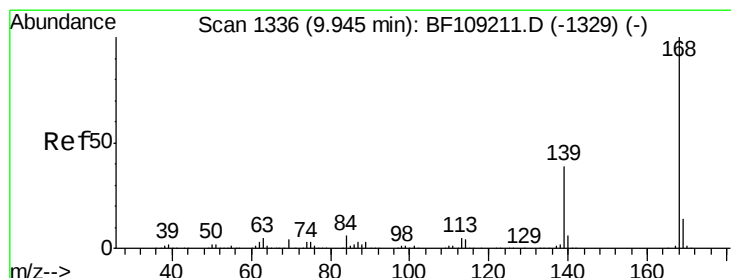
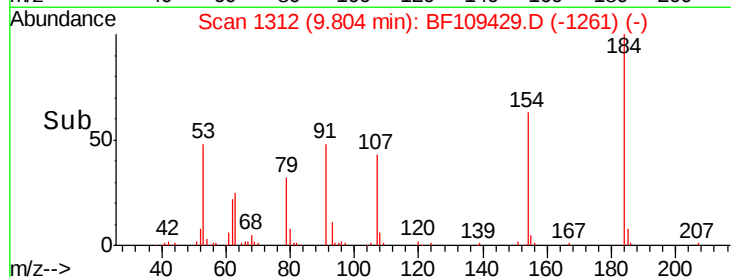
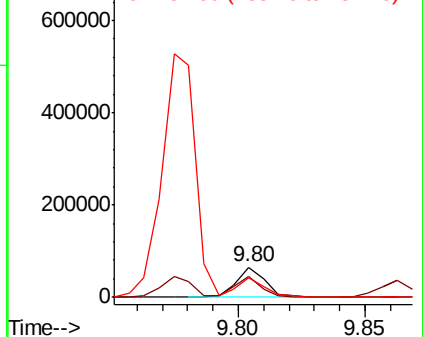
#53
2,4-Dinitrophenol
Concen: 51.392 ng
RT: 9.80 min Scan# 1312
Delta R.T. 0.00 min
Lab File: BF109429.D
Acq: 28 Sep 2018 14:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 52152
Ion Ratio Lower Upper
184 100
63 70.4 54.2 81.2
154 63.4 184.0 276.0#

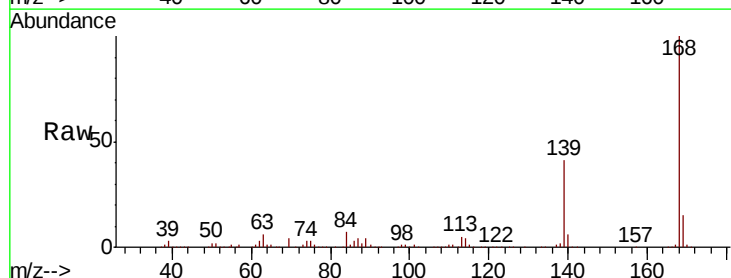


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

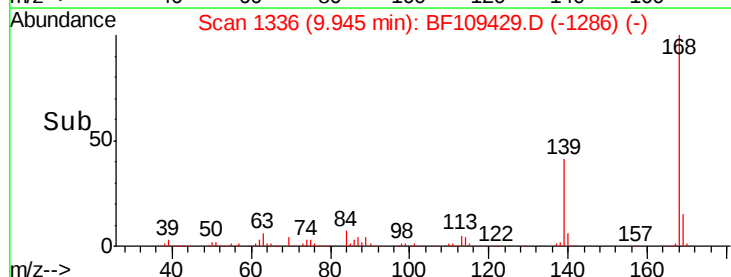
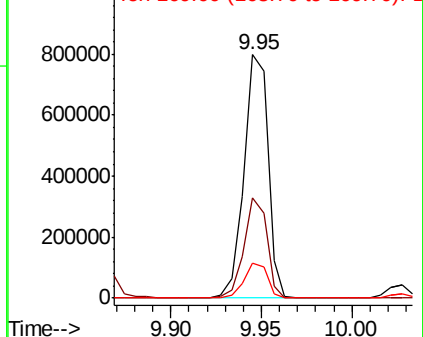


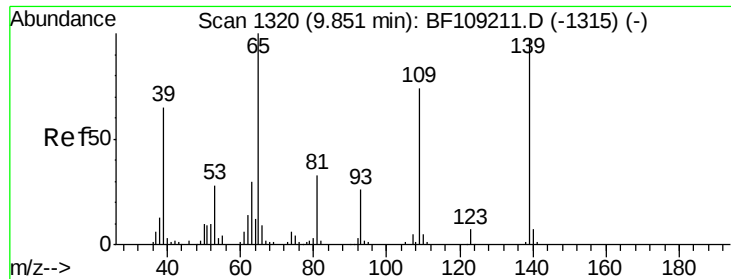
#54
Dibenzofuran
Concen: 39.093 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF109429.D
Acq: 28 Sep 2018 14:58

Tgt Ion:168 Resp: 734300
Ion Ratio Lower Upper
168 100
139 41.0 30.1 45.1
169 14.6 10.9 16.3



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

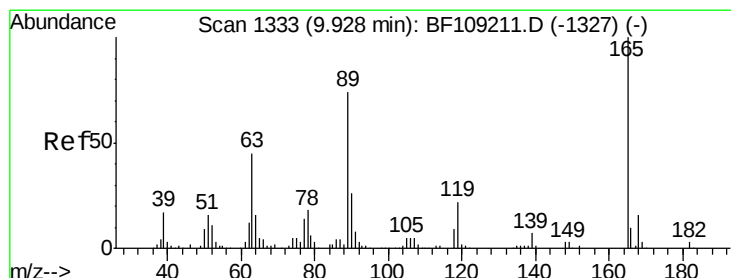
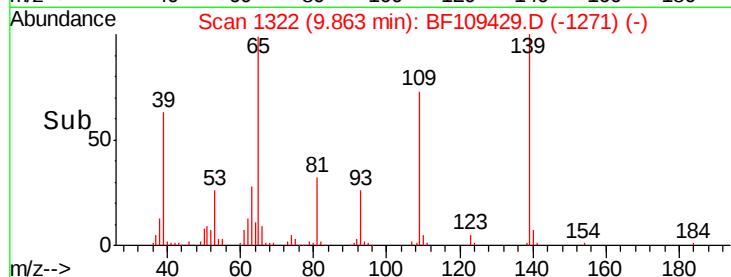
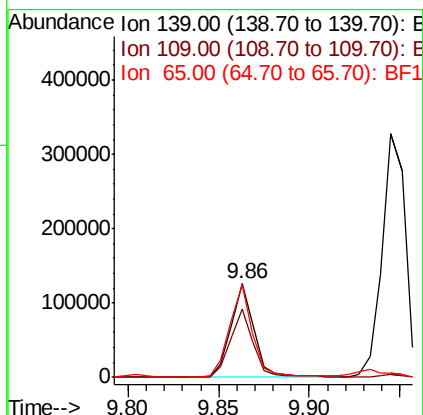
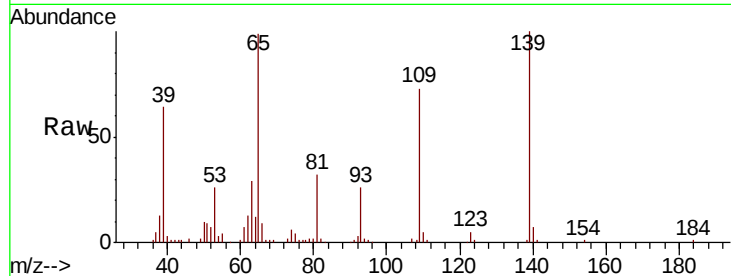




#55
4-Nitrophenol
Concen: 42.778 ng
RT: 9.86 min Scan# 1322
Delta R.T. 0.00 min
Lab File: BF109429.D
Acq: 28 Sep 2018 14:58

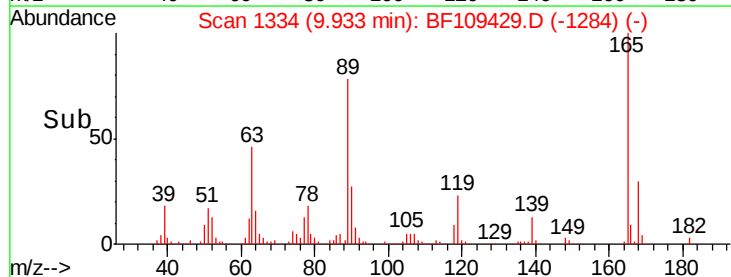
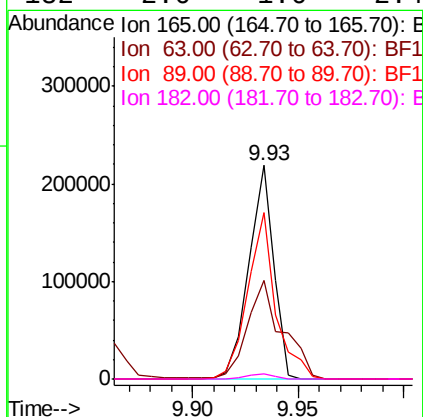
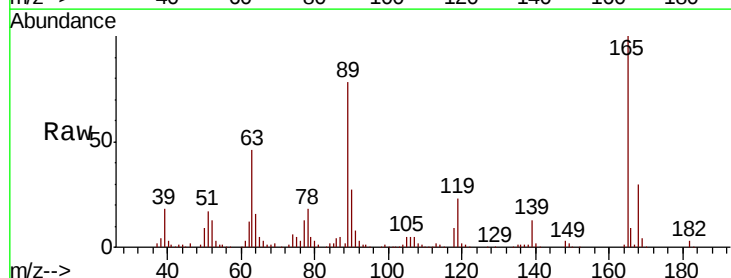
Instrument :
BNA_F
ClientSampled :

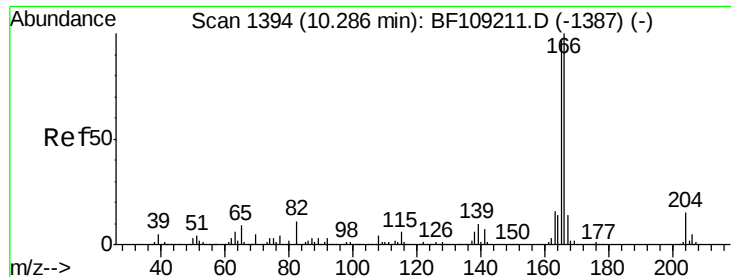
Tot Ion:139 Resp: 114368
Ion Ratio Lower Upper
139 100
109 72.8 48.4 88.4
65 99.4 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 46.498 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BF109429.D
Acq: 28 Sep 2018 14:58

Tgt Ion:165 Resp: 180302
Ion Ratio Lower Upper
165 100
63 46.2 36.4 54.6
89 77.9 57.8 86.6
182 2.6 1.6 2.4#





#57

Fluorene

Concen: 39.638 ng

RT: 10.29 min Scan# 1395

Delta R.T. 0.00 min

Lab File: BF109429.D

Acq: 28 Sep 2018 14:58

Instrument :

BNA_F

ClientSampleId :

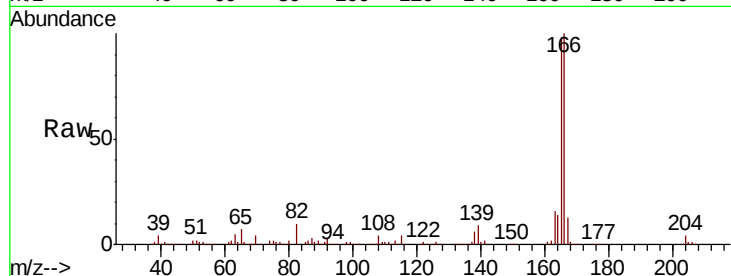
Tot Ion:166 Resp: 531222

Ion Ratio Lower Upper

166 100

165 98.5 79.8 119.8

167 13.1 10.6 16.0

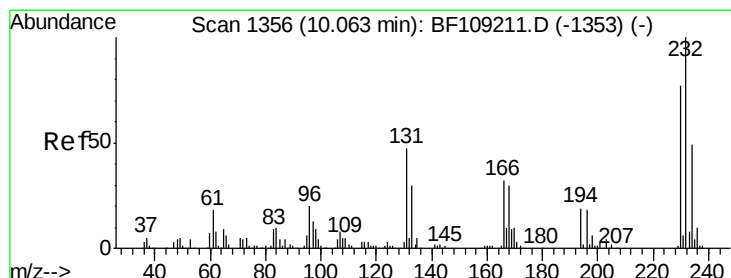
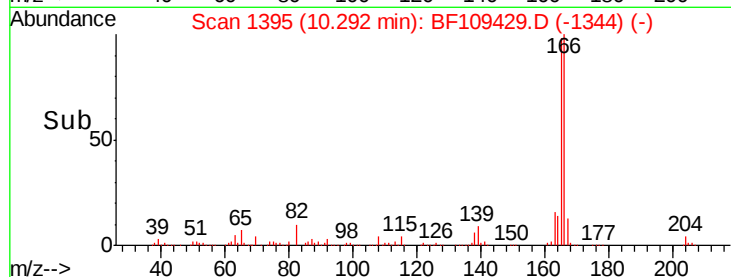
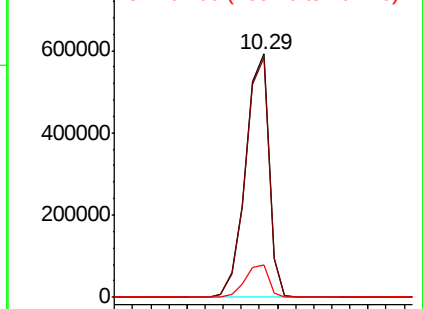


Abundance

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: 43.765 ng

RT: 10.07 min Scan# 1357

Delta R.T. 0.00 min

Lab File: BF109429.D

Acq: 28 Sep 2018 14:58

Tgt Ion:232 Resp: 159033

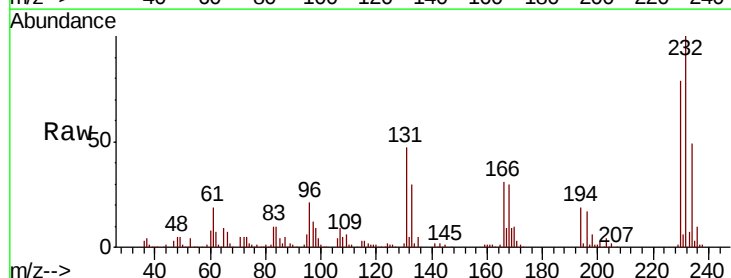
Ion Ratio Lower Upper

232 100

131 44.7 43.8 65.8

130 2.2 2.1 3.1

166 31.0 27.8 41.6



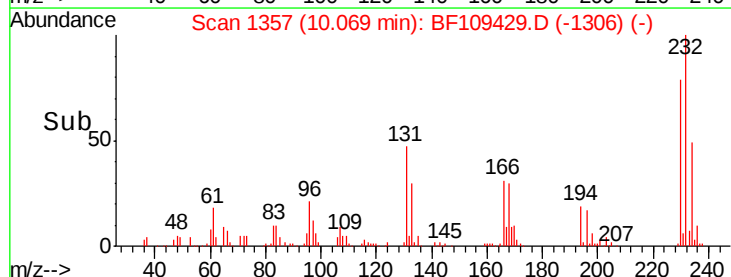
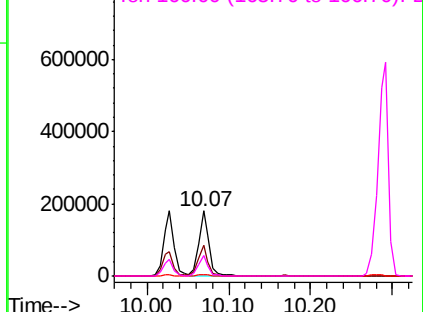
Abundance

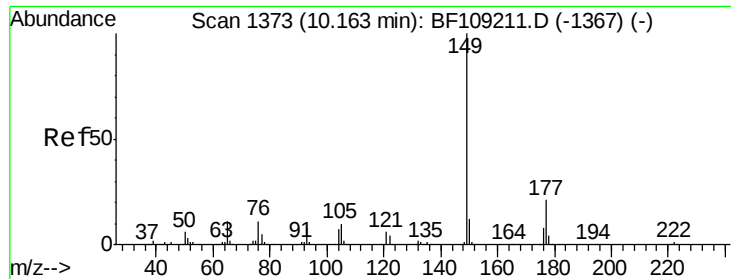
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

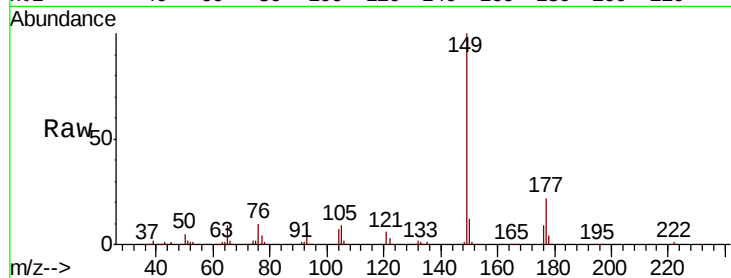




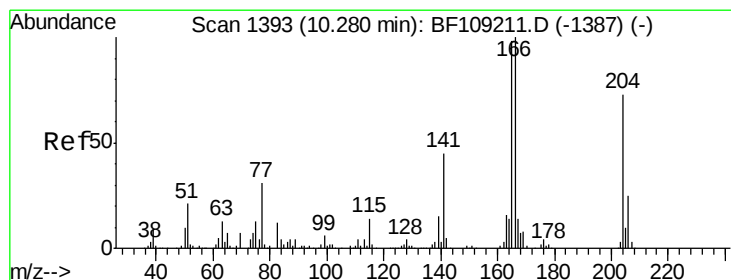
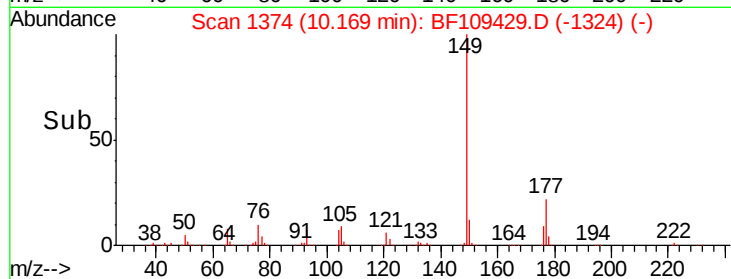
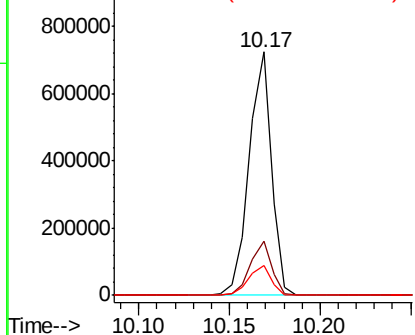
#59
Diethylphthalate
Concen: 39.676 ng
RT: 10.17 min Scan# 1374
Delta R.T. -0.01 min
Lab File: BF109429.D
Acq: 28 Sep 2018 14:58

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 621694
Ion Ratio Lower Upper
149 100
177 22.2 16.1 24.1
150 12.3 10.1 15.1

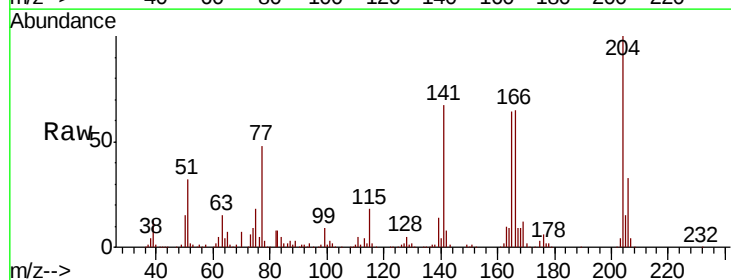


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

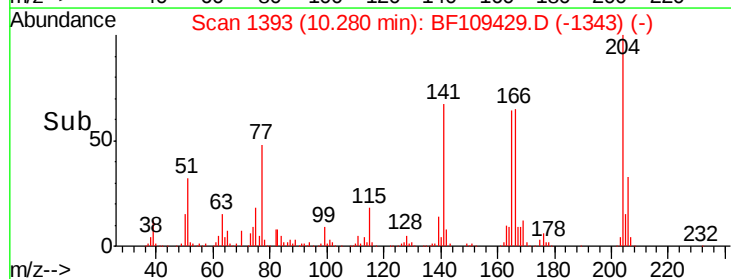
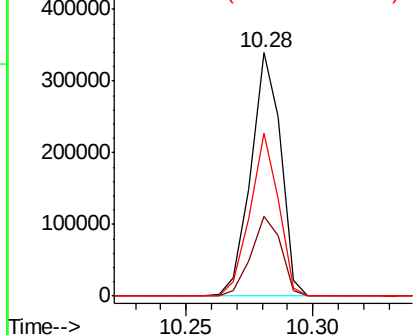


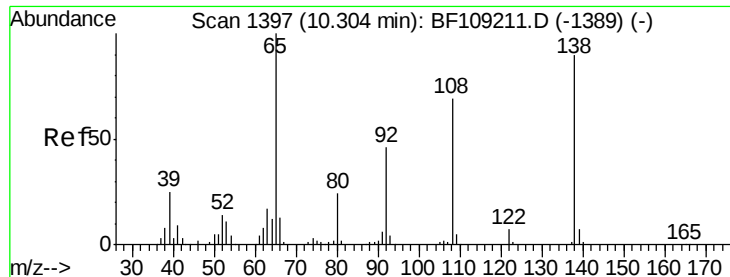
#60
4-Chlorophenyl-phenylether
Concen: 39.878 ng
RT: 10.28 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BF109429.D
Acq: 28 Sep 2018 14:58

Tgt Ion:204 Resp: 279139
Ion Ratio Lower Upper
204 100
206 32.9 26.5 39.7
141 67.0 54.6 81.8



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: 45.271 ng

RT: 10.31 min Scan# 1398

Delta R.T. -0.01 min

Lab File: BF109429.D

Acq: 28 Sep 2018 14:58

Instrument :

BNA_F

ClientSampleId :

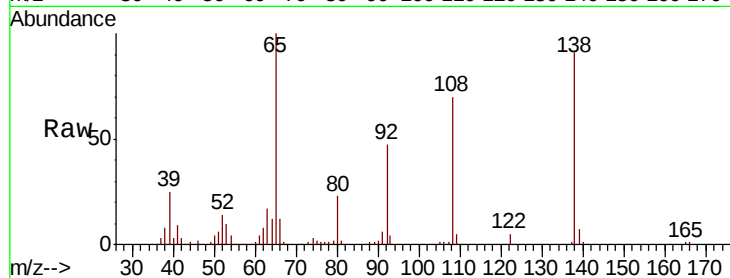
Tot Ion:138 Resp: 156688

Ion Ratio Lower Upper

138 100

92 51.7 30.2 70.2

108 76.7 52.5 92.5

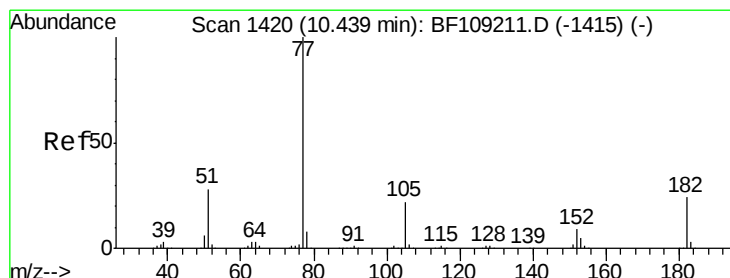
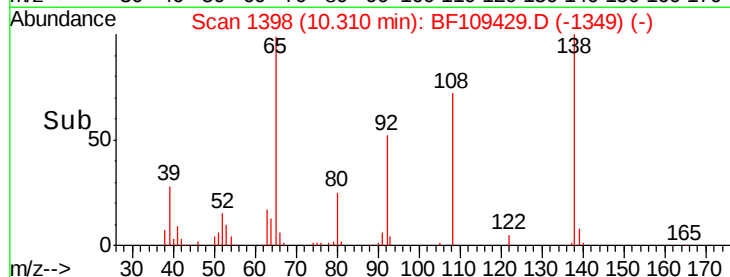
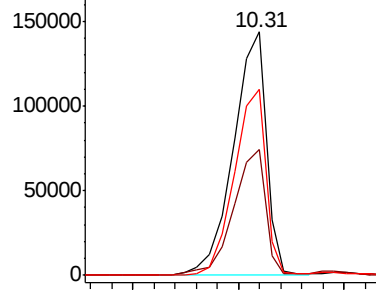


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 38.624 ng

RT: 10.44 min Scan# 1420

Delta R.T. -0.01 min

Lab File: BF109429.D

Acq: 28 Sep 2018 14:58

Tgt Ion: 77 Resp: 628796

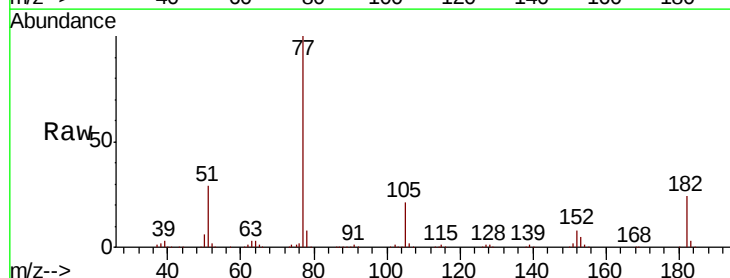
Ion Ratio Lower Upper

77 100

182 23.5 1.7 41.7

105 21.4 3.0 43.0

51 29.1 9.9 49.9



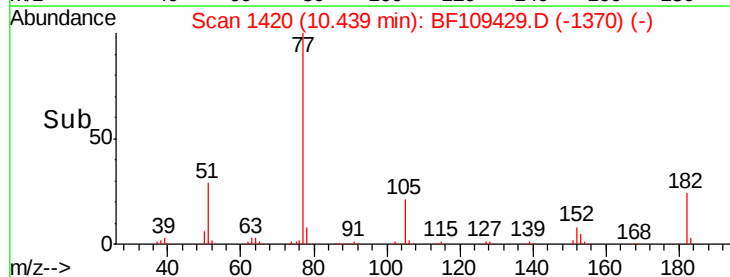
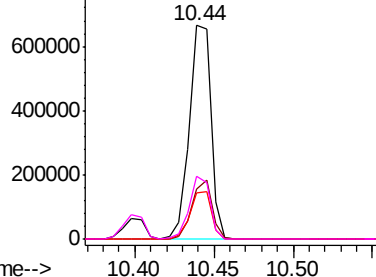
Abundance

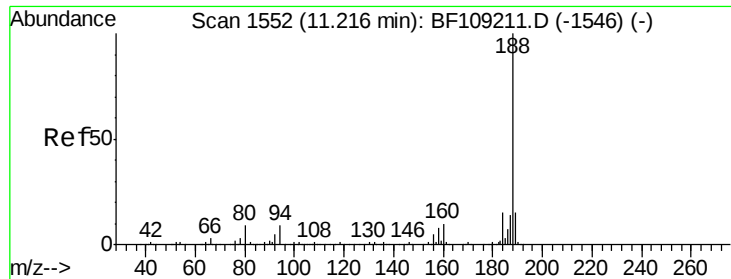
Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1

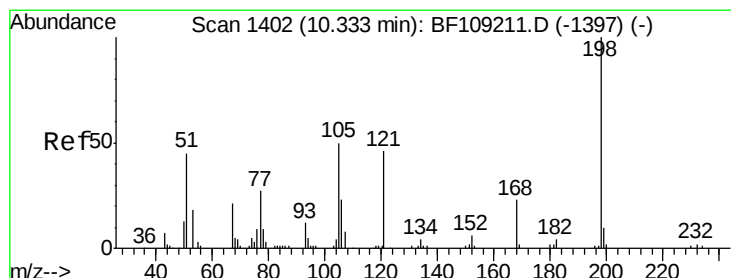
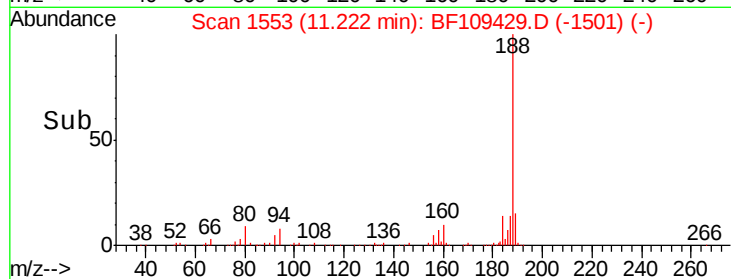
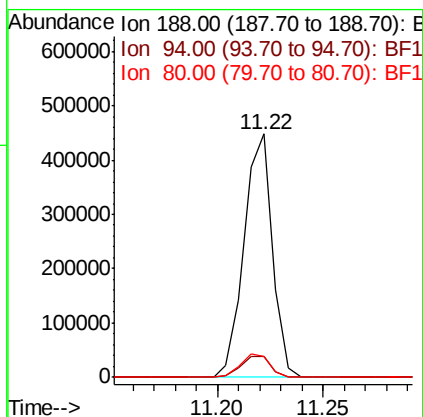
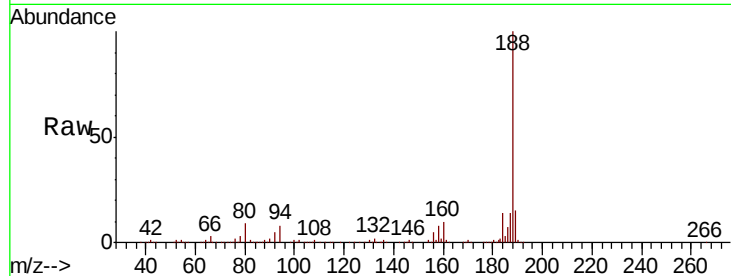




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.22 min Scan# 1553
 Delta R.T. 0.01 min
 Lab File: BF109429.D
 Acq: 28 Sep 2018 14:58

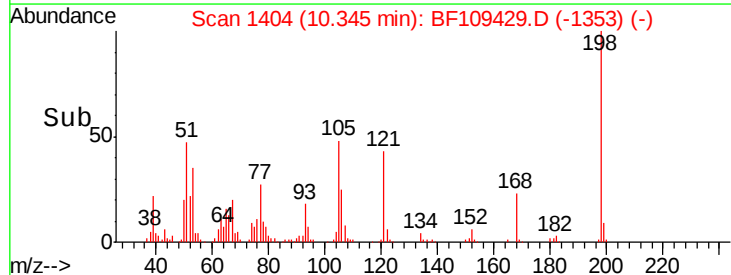
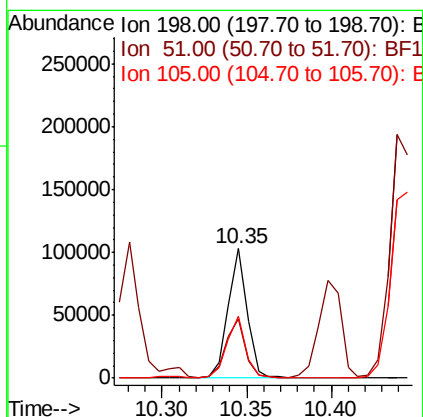
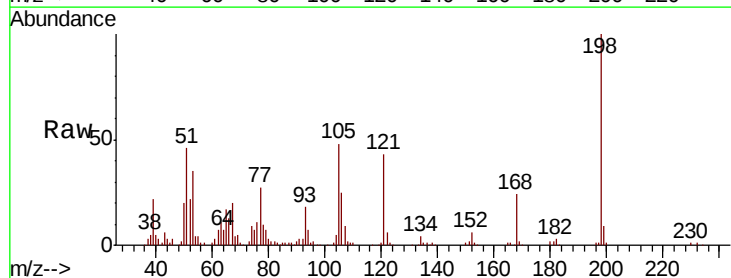
Instrument :
 BNA_F
 ClientSampled :

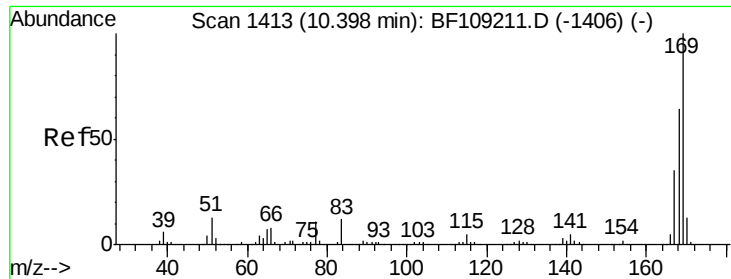
Tot Ion:188 Resp: 417578
 Ion Ratio Lower Upper
 188 100
 94 8.5 8.5 12.7#
 80 8.8 9.2 13.8#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 48.329 ng
 RT: 10.35 min Scan# 1404
 Delta R.T. 0.00 min
 Lab File: BF109429.D
 Acq: 28 Sep 2018 14:58

Tgt Ion:198 Resp: 80861
 Ion Ratio Lower Upper
 198 100
 51 46.4 37.7 77.7
 105 47.9 36.3 76.3

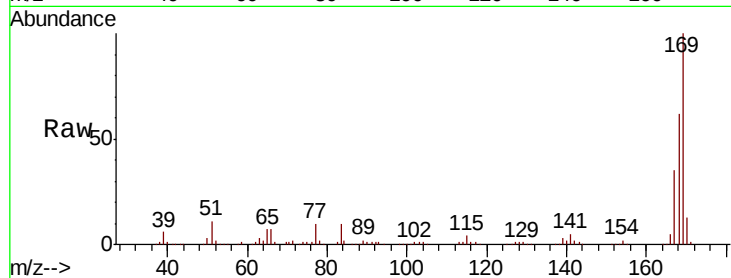




#65
 n-Nitrosodiphenylamine
 Concen: 40.070 ng
 RT: 10.40 min Scan# 1414
 Delta R.T. 0.00 min
 Lab File: BF109429.D
 Acq: 28 Sep 2018 14:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
169	100		
168	62.1	54.4	81.6
167	35.0	29.8	44.6

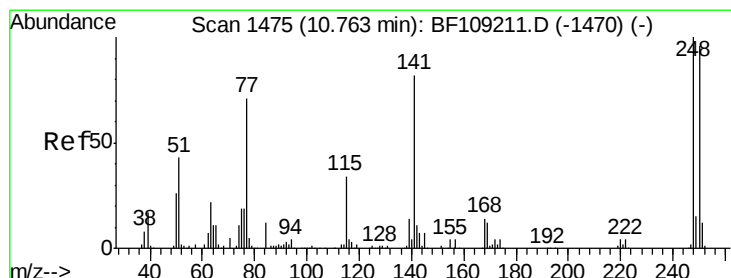
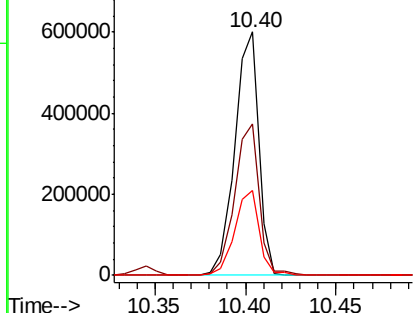
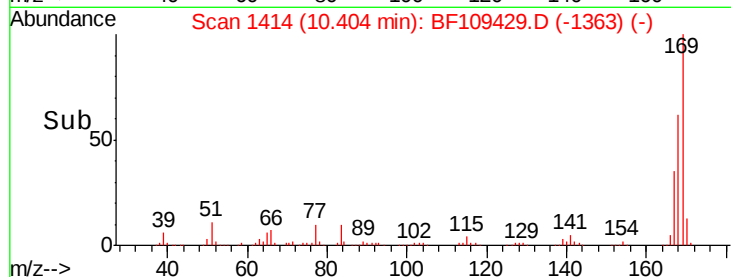


Abundance

Ion 169.00 (168.70 to 169.70): E

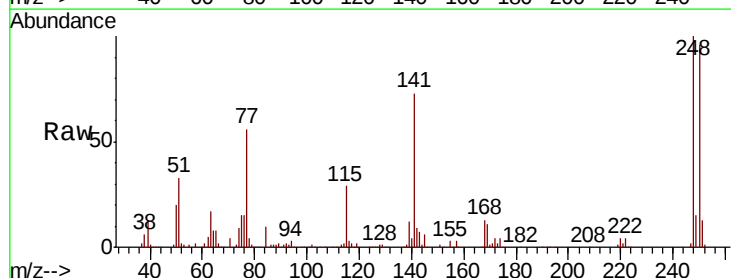
Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66
 4-Bromophenyl-phenylether
 Concen: 40.464 ng
 RT: 10.77 min Scan# 1476
 Delta R.T. 0.00 min
 Lab File: BF109429.D
 Acq: 28 Sep 2018 14:58

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.1	76.9	115.3
141	73.5	74.4	111.6#

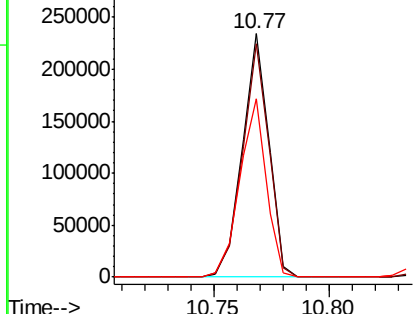
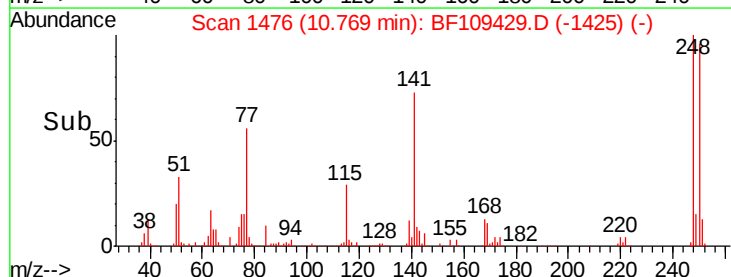


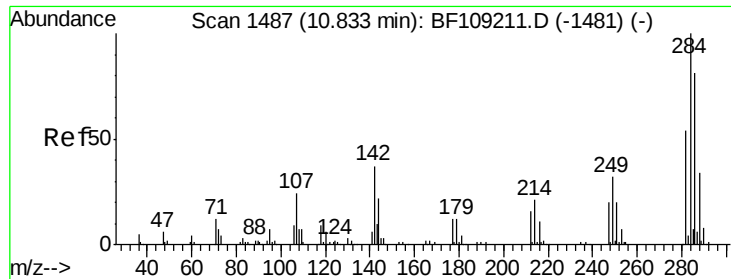
Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 40.822 ng

RT: 10.84 min Scan# 1488

Delta R.T. 0.00 min

Lab File: BF109429.D

Acq: 28 Sep 2018 14:58

Instrument :

BNA_F

ClientSampleId :

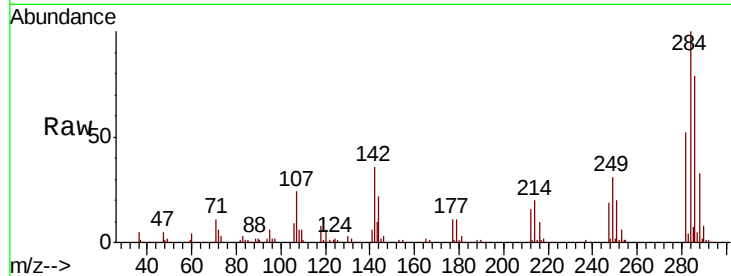
Tot Ion:284 Resp: 201041

Ion Ratio Lower Upper

284 100

142 35.8 34.6 52.0

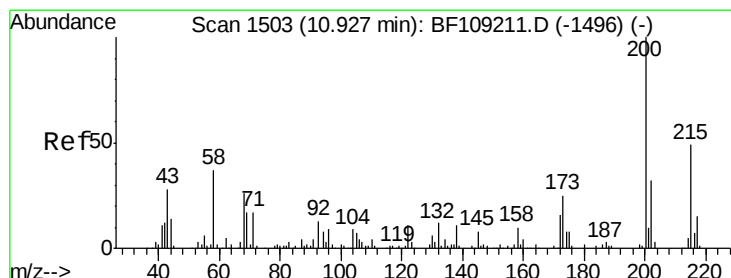
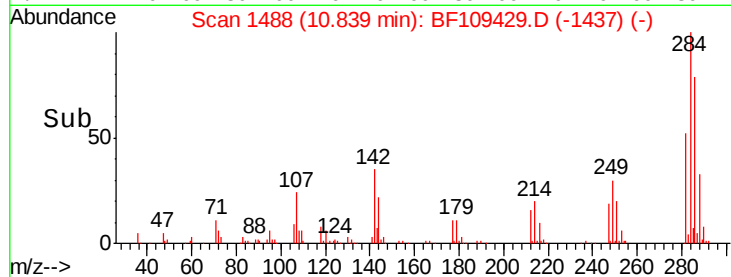
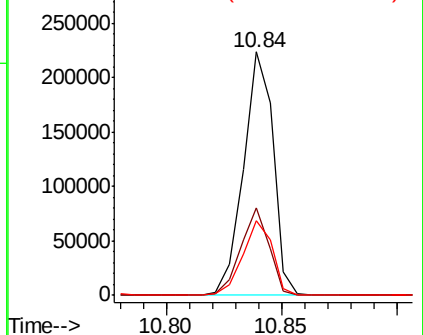
249 30.6 24.8 37.2



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: 41.186 ng

RT: 10.93 min Scan# 1503

Delta R.T. -0.01 min

Lab File: BF109429.D

Acq: 28 Sep 2018 14:58

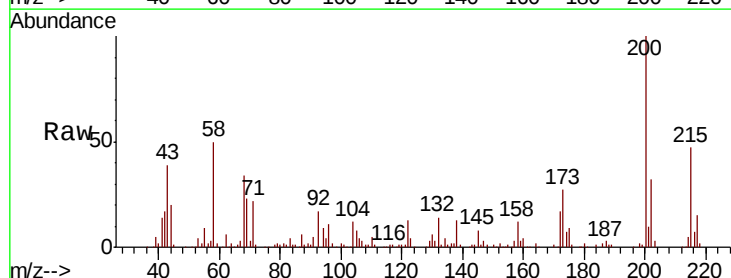
Tgt Ion:200 Resp: 174756

Ion Ratio Lower Upper

200 100

173 27.5 8.6 48.6

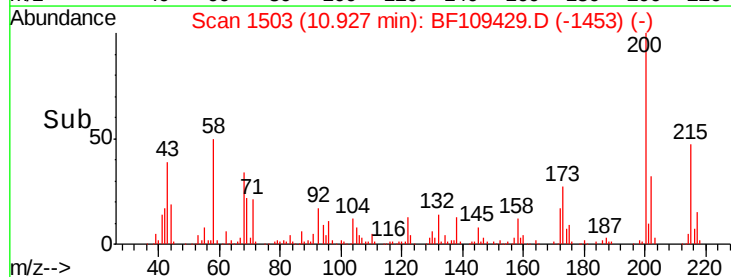
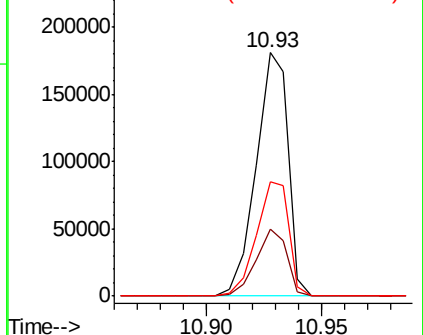
215 46.9 25.1 65.1



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

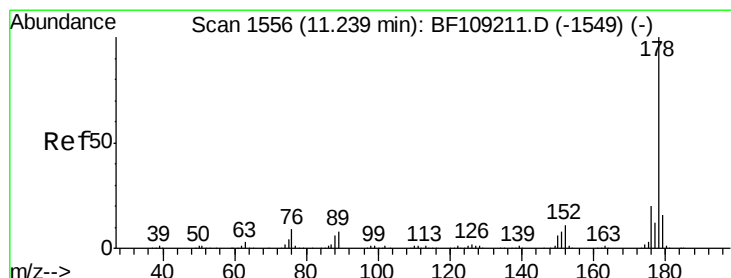
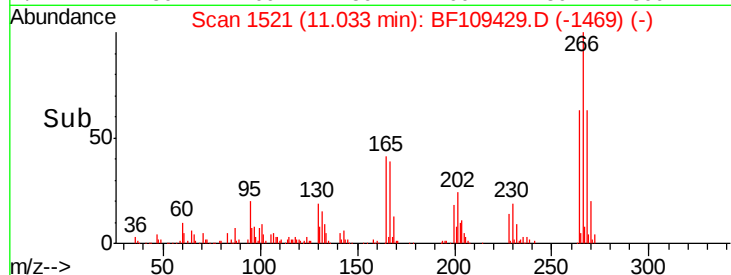
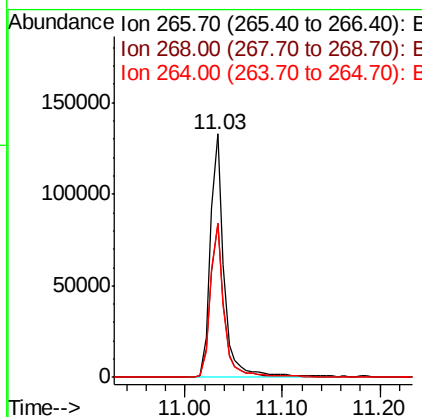
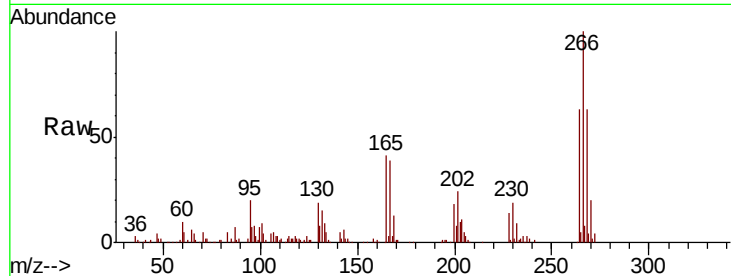




#69
 Pentachlorophenol
 Concen: 44.254 ng
 RT: 11.03 min Scan# 1521
 Delta R.T. 0.01 min
 Lab File: BF109429.D
 Acq: 28 Sep 2018 14:58

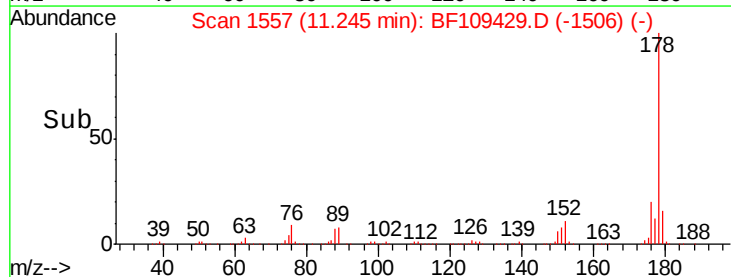
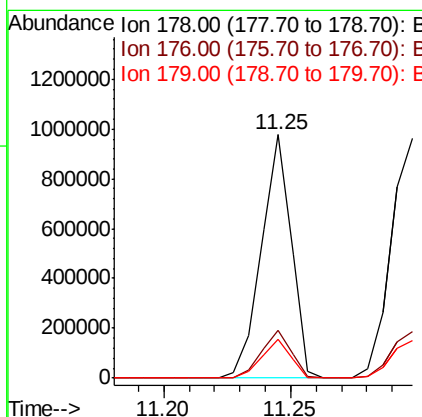
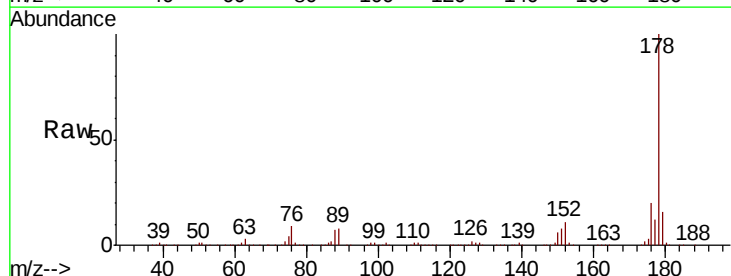
Instrument :
 BNA_F
 ClientSampleId :

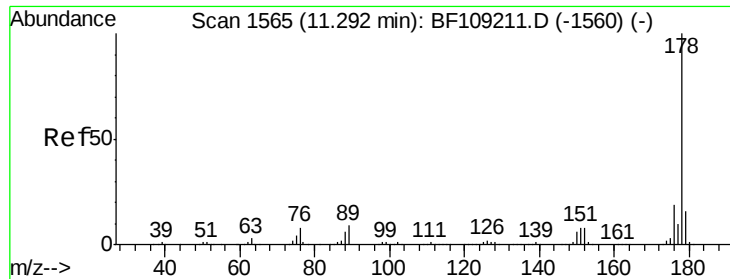
Tot Ion:266 Resp: 130442
 Ion Ratio Lower Upper
 266 100
 268 63.5 51.1 76.7
 264 63.1 49.5 74.3



#70
 Phenanthrene
 Concen: 38.894 ng
 RT: 11.25 min Scan# 1557
 Delta R.T. 0.00 min
 Lab File: BF109429.D
 Acq: 28 Sep 2018 14:58

Tgt Ion:178 Resp: 810919
 Ion Ratio Lower Upper
 178 100
 176 19.9 15.8 23.8
 179 15.8 13.0 19.6

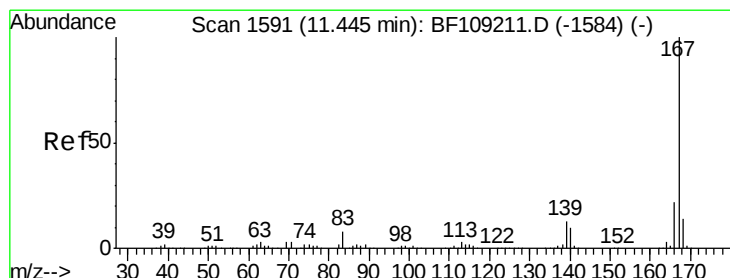
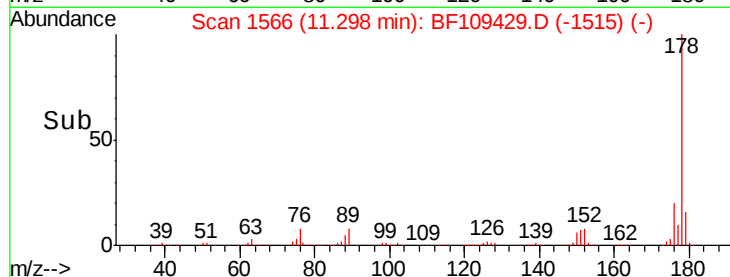
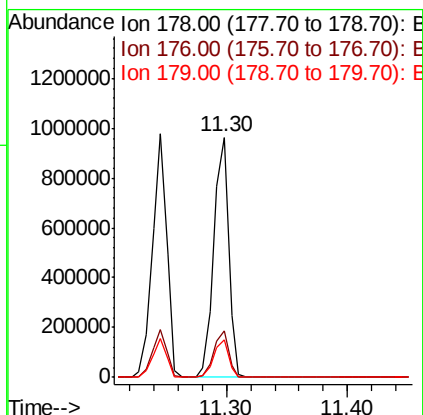
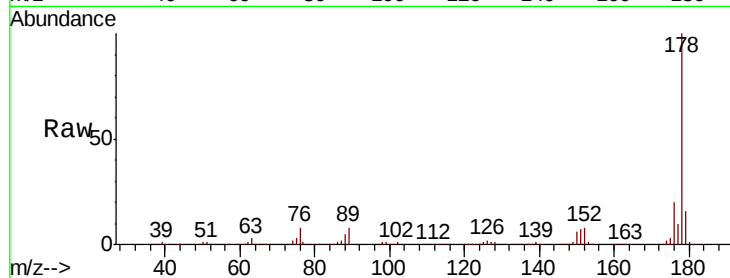




#71
 Anthracene
 Concen: 38.474 ng
 RT: 11.30 min Scan# 1566
 Delta R.T. 0.00 min
 Lab File: BF109429.D
 Acq: 28 Sep 2018 14:58

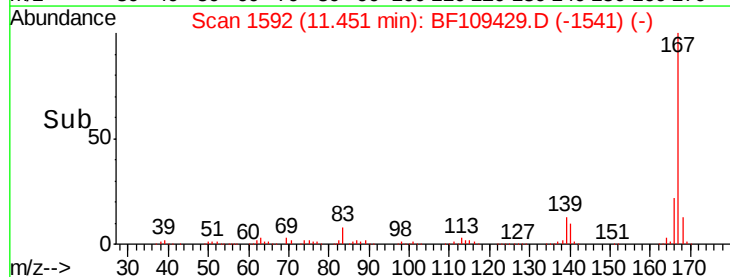
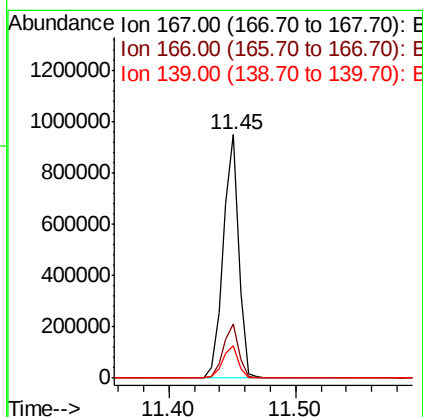
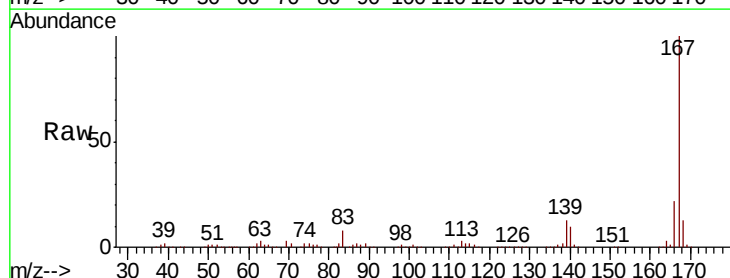
Instrument :
 BNA_F
 ClientSampleId :

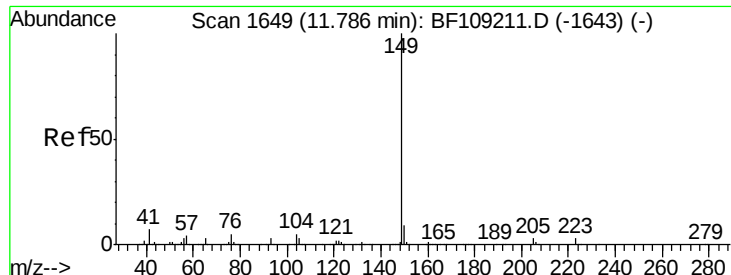
Tot Ion:178 Resp: 813606
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.4 23.2
 179 15.6 12.6 19.0



#72
 Carbazole
 Concen: 38.617 ng
 RT: 11.45 min Scan# 1592
 Delta R.T. 0.00 min
 Lab File: BF109429.D
 Acq: 28 Sep 2018 14:58

Tgt Ion:167 Resp: 812503
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.6 26.4
 139 13.3 10.9 16.3





#73

Di-n-butylphthalate

Concen: 39.881 ng

RT: 11.79 min Scan# 1649

Delta R.T. 0.00 min

Lab File: BF109429.D

Acq: 28 Sep 2018 14:58

Instrument :

BNA_F

ClientSampleId :

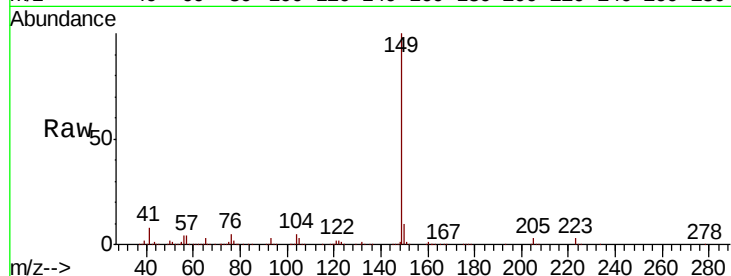
Tot Ion:149 Resp: 965990

Ion Ratio Lower Upper

149 100

150 9.6 7.8 11.6

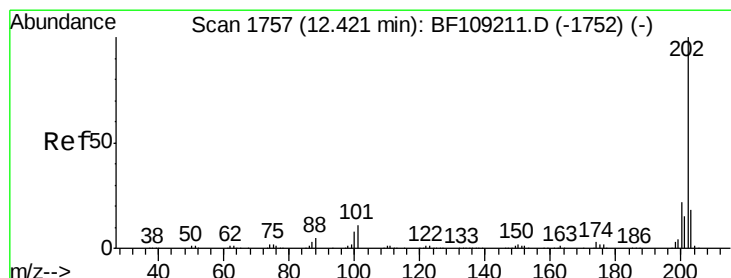
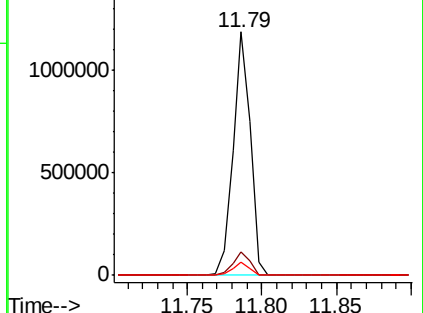
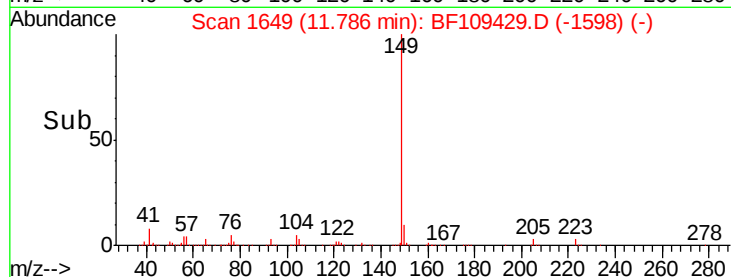
104 5.3 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 38.360 ng

RT: 12.43 min Scan# 1758

Delta R.T. 0.00 min

Lab File: BF109429.D

Acq: 28 Sep 2018 14:58

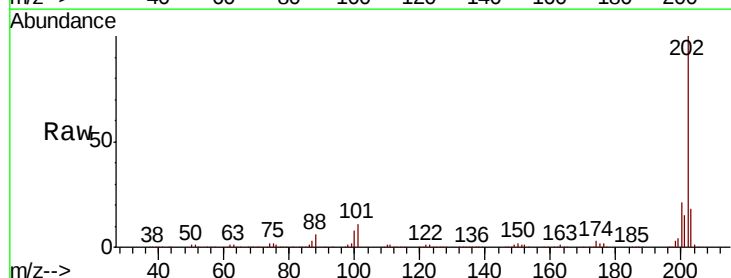
Tgt Ion:202 Resp: 854717

Ion Ratio Lower Upper

202 100

101 11.4 0.0 34.1

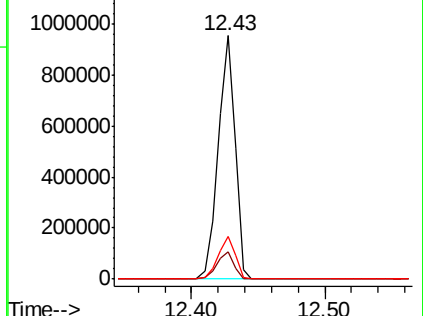
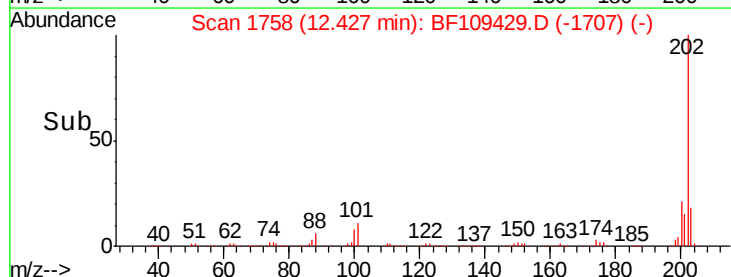
203 17.6 0.0 38.1

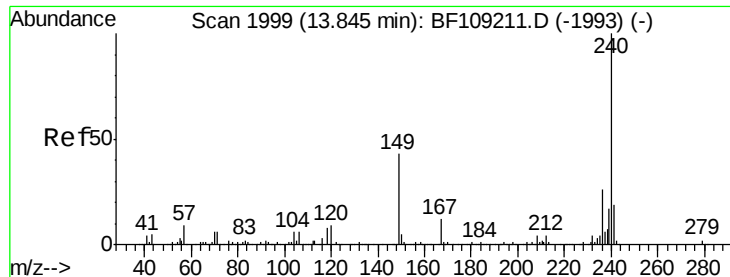


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.85 min Scan# 2000

Delta R.T. 0.01 min

Lab File: BF109429.D

Acq: 28 Sep 2018 14:58

Instrument :

BNA_F

ClientSampleId :

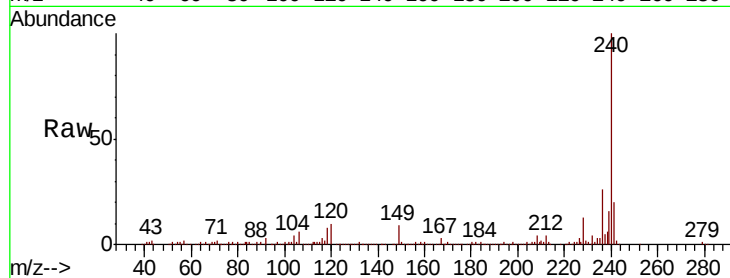
Tot Ion:240 Resp: 293279

Ion Ratio Lower Upper

240 100

120 9.5 9.5 14.3

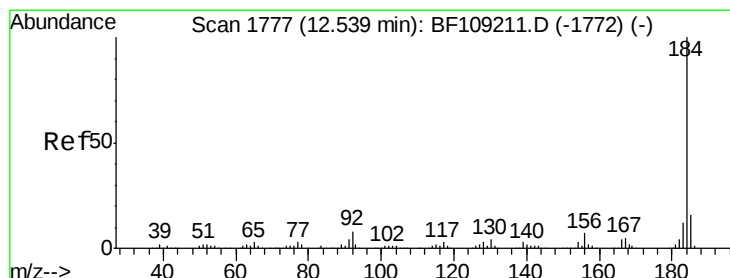
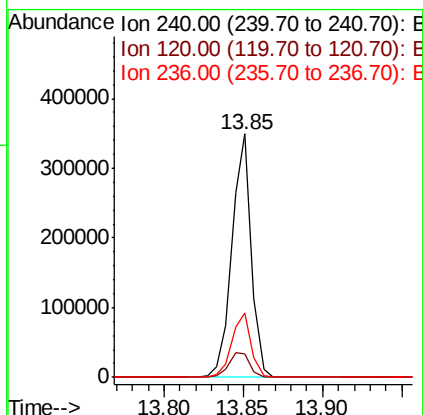
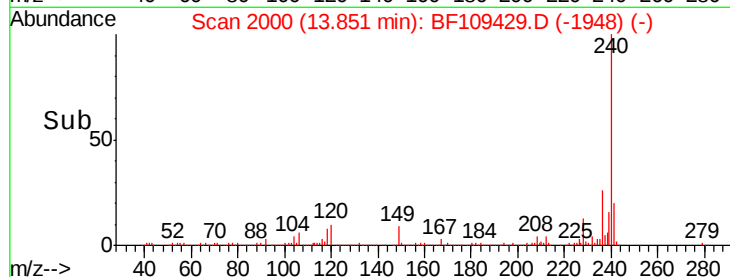
236 26.3 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 39.924 ng

RT: 12.55 min Scan# 1778

Delta R.T. 0.00 min

Lab File: BF109429.D

Acq: 28 Sep 2018 14:58

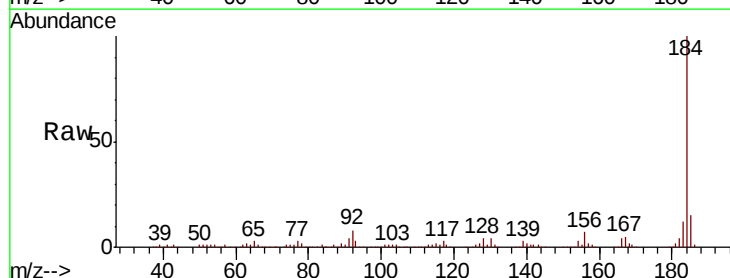
Tgt Ion:184 Resp: 422165

Ion Ratio Lower Upper

184 100

185 14.8 12.6 18.8

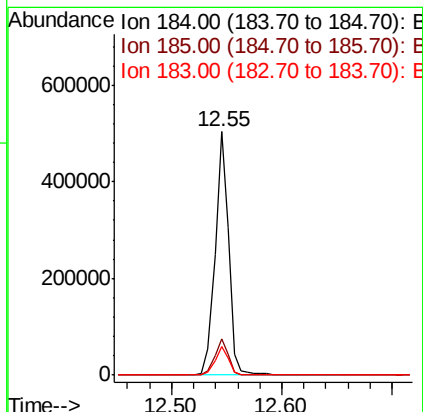
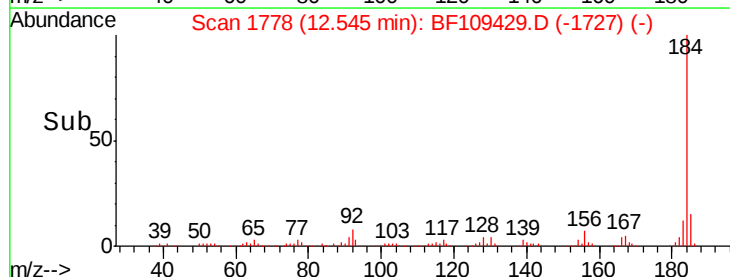
183 11.9 9.3 13.9

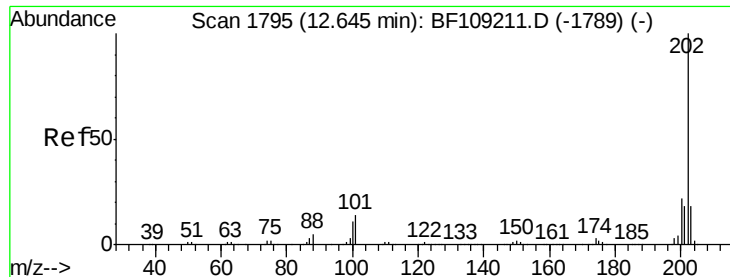


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

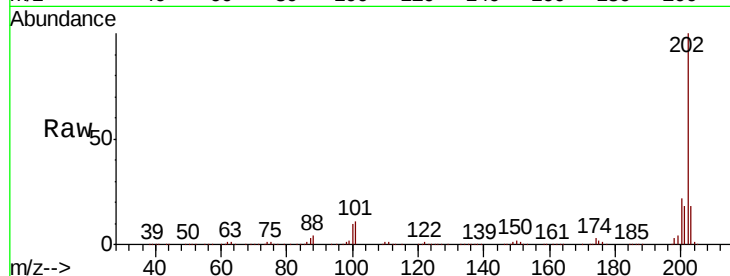




#77
Pvrene
Concen: 41.559 ng
RT: 12.66 min Scan# 1797
Delta R.T. 0.00 min
Lab File: BF109429.D
Acq: 28 Sep 2018 14:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.4	26.2
203	17.6	14.3	21.5

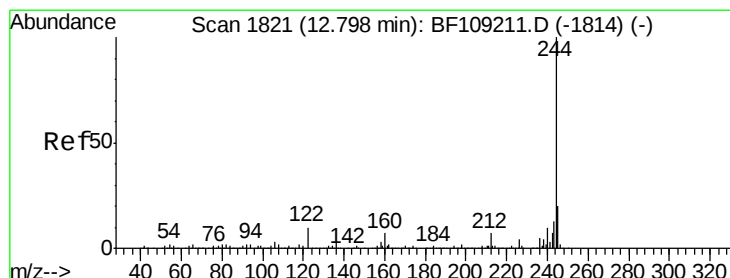
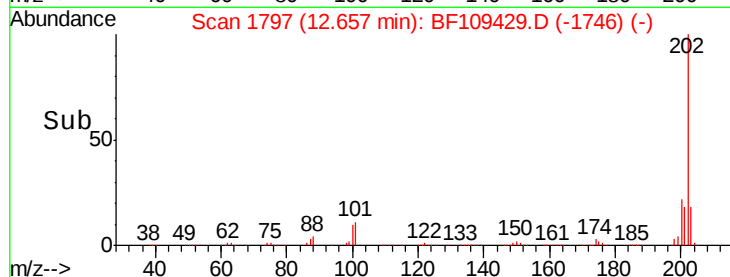
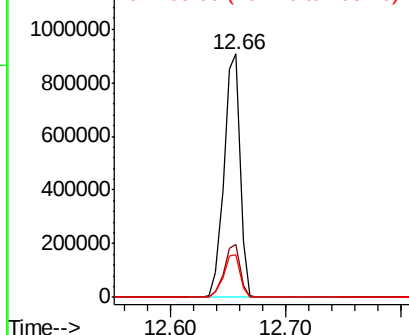


Abundance

Ion 202.00 (201.70 to 202.70): E

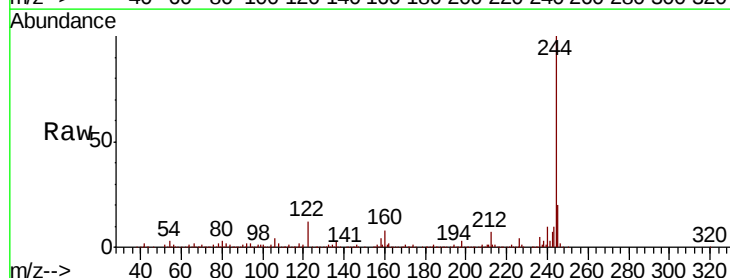
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78
Terphenyl-d14
Concen: 81.997 ng
RT: 12.80 min Scan# 1821
Delta R.T. -0.01 min
Lab File: BF109429.D
Acq: 28 Sep 2018 14:58

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.4	8.0
122	12.3	11.0	16.4

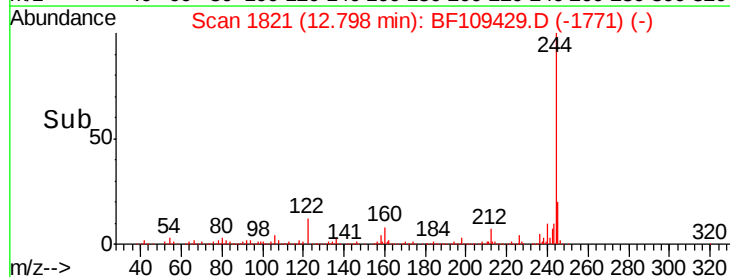
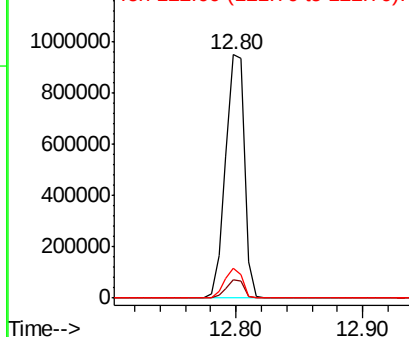


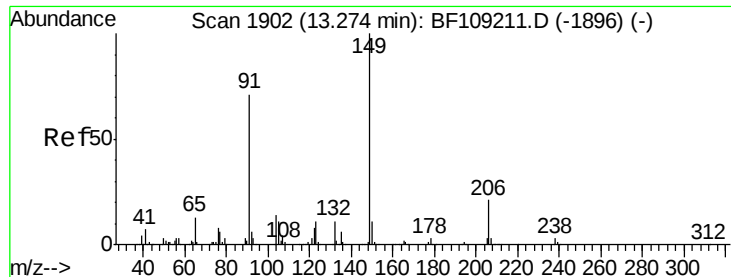
Abundance

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

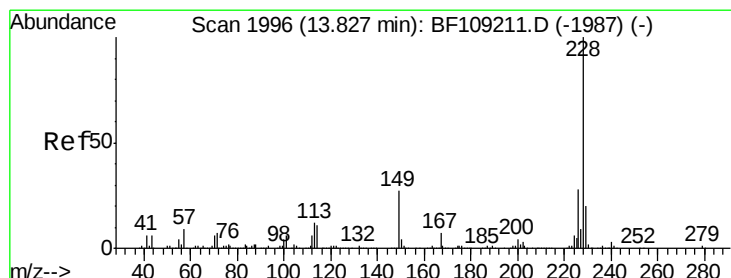
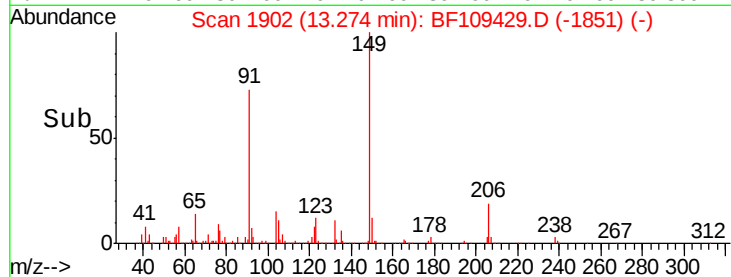
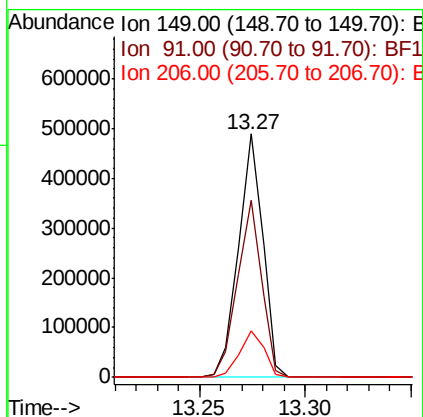
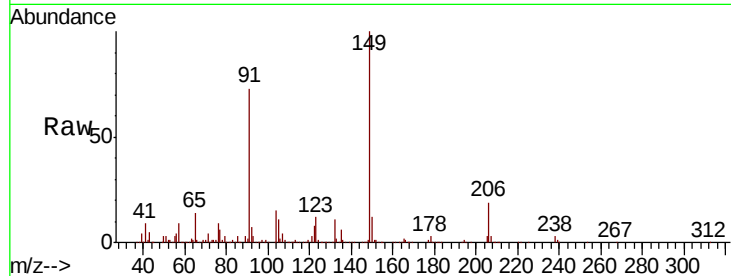




#79
Butylbenzylphthalate
Concen: 43.736 ng
RT: 13.27 min Scan# 1902
Delta R.T. 0.00 min
Lab File: BF109429.D
Acq: 28 Sep 2018 14:58

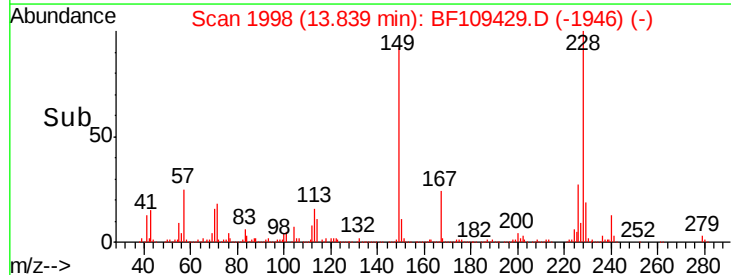
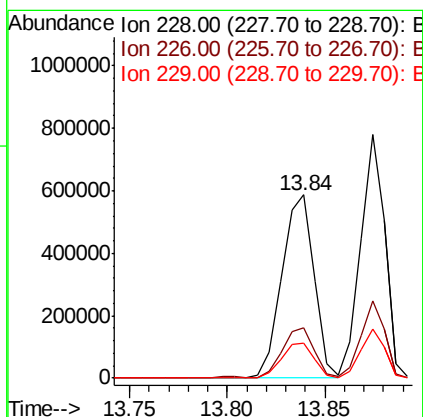
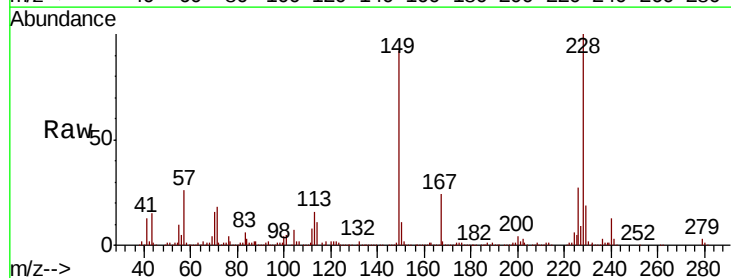
Instrument :
BNA_F
ClientSampleId :

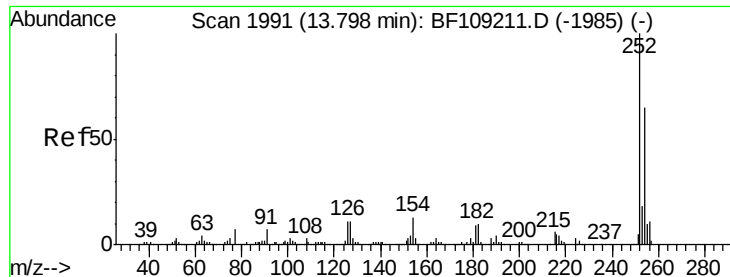
Tot Ion	Ratio	Lower	Upper
149	100		
91	72.7	56.8	85.2
206	19.1	14.1	21.1



#80
Benzo(a)anthracene
Concen: 37.838 ng
RT: 13.84 min Scan# 1998
Delta R.T. 0.01 min
Lab File: BF109429.D
Acq: 28 Sep 2018 14:58

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.3	22.6	33.8
229	19.3	15.8	23.6

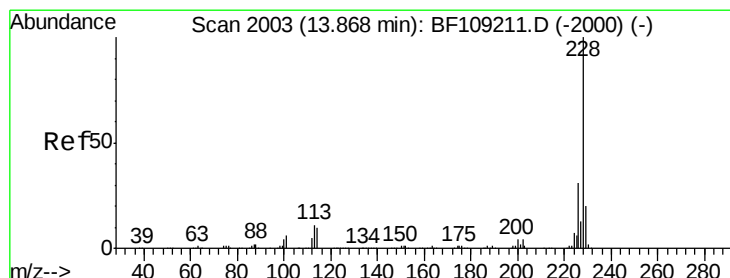
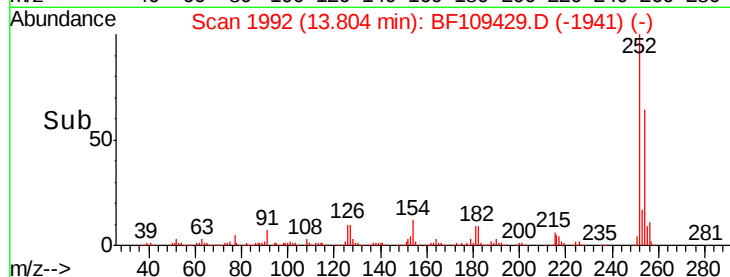
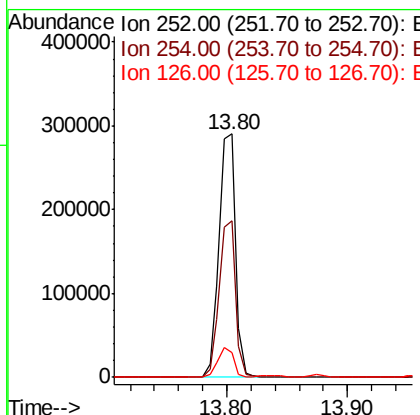
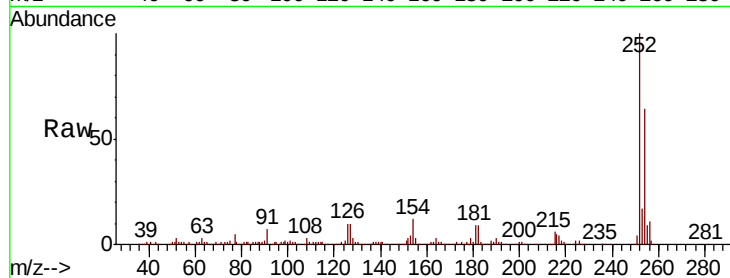




#81
 3,3'-Dichlorobenzidine
 Concen: 40.611 ng
 RT: 13.80 min Scan# 1992
 Delta R.T. 0.00 min
 Lab File: BF109429.D
 Acq: 28 Sep 2018 14:58

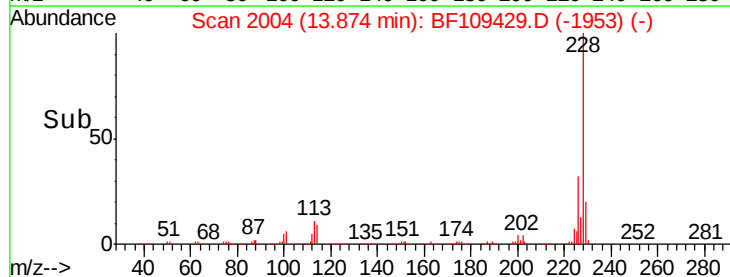
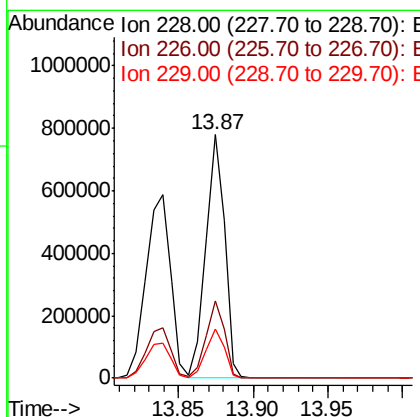
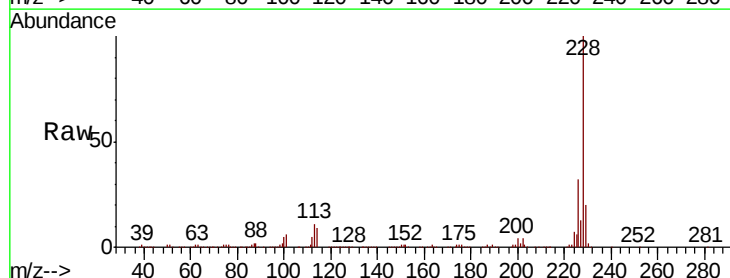
Instrument :
 BNA_F
 ClientSampleId :

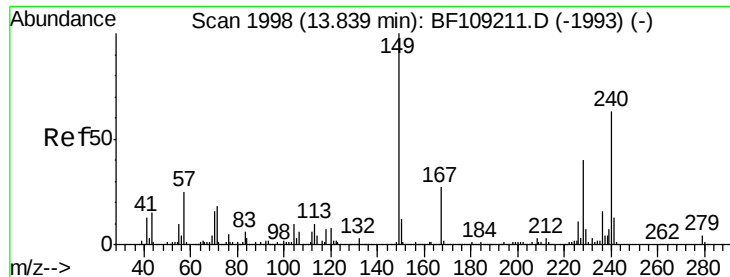
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.4	50.4	75.6
126	10.2	11.3	16.9#



#82
 Chrysene
 Concen: 38.479 ng
 RT: 13.87 min Scan# 2004
 Delta R.T. 0.00 min
 Lab File: BF109429.D
 Acq: 28 Sep 2018 14:58

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.6	25.0	37.6
229	20.2	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 41.931 ng

RT: 13.84 min Scan# 1998

Delta R.T. 0.00 min

Lab File: BF109429.D

Acq: 28 Sep 2018 14:58

Instrument :

BNA_F

ClientSampleId :

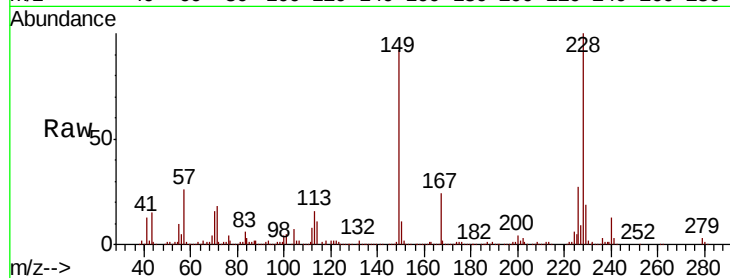
Tot Ion:149 Resp: 472886

Ion Ratio Lower Upper

149 100

167 26.4 21.3 31.9

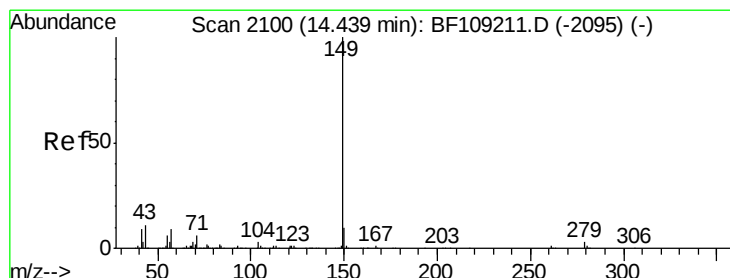
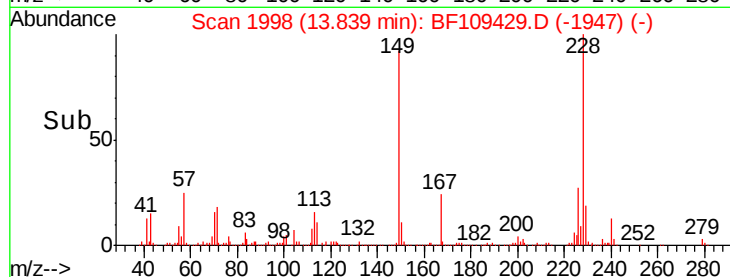
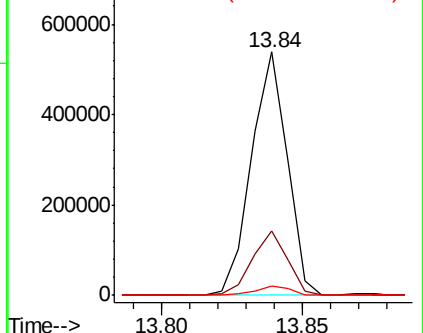
279 3.6 3.0 4.4



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: 40.720 ng

RT: 14.44 min Scan# 2101

Delta R.T. 0.00 min

Lab File: BF109429.D

Acq: 28 Sep 2018 14:58

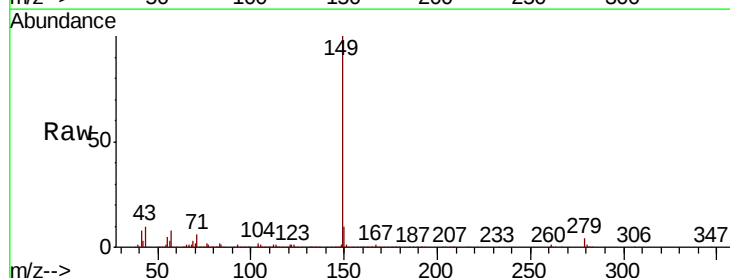
Tgt Ion:149 Resp: 785182

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

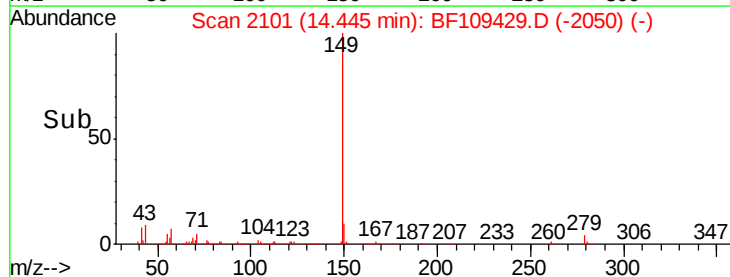
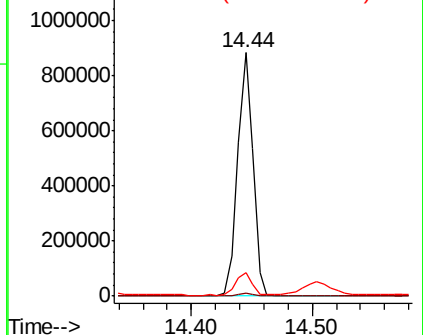
43 9.6 8.4 12.6

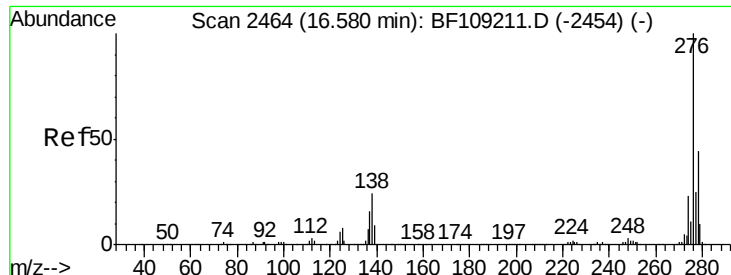


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

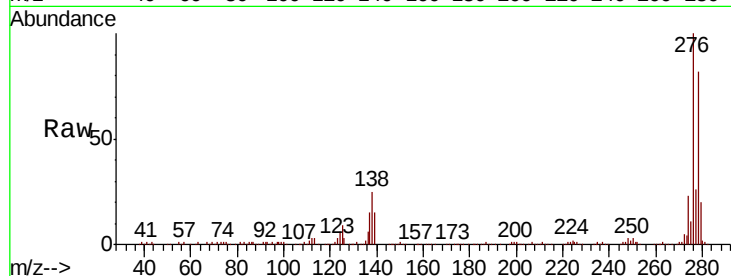




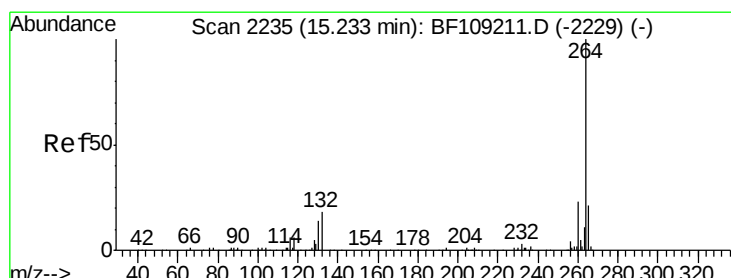
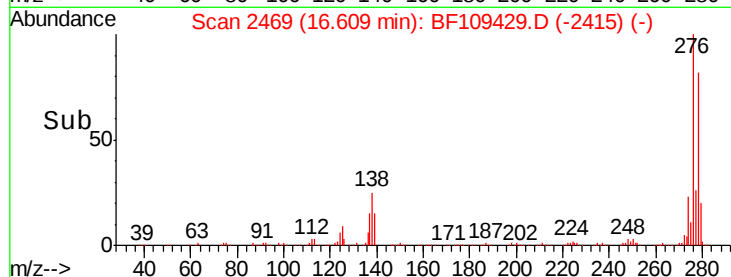
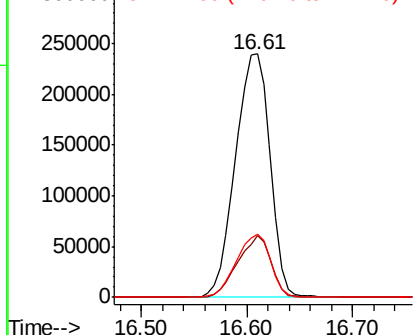
#85
Indeno(1,2,3-cd)pyrene
Concen: 38.593 ng
RT: 16.61 min Scan# 2469
Delta R.T. 0.02 min
Lab File: BF109429.D
Acq: 28 Sep 2018 14:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.4	25.0	37.6#
277	25.6	20.1	30.1

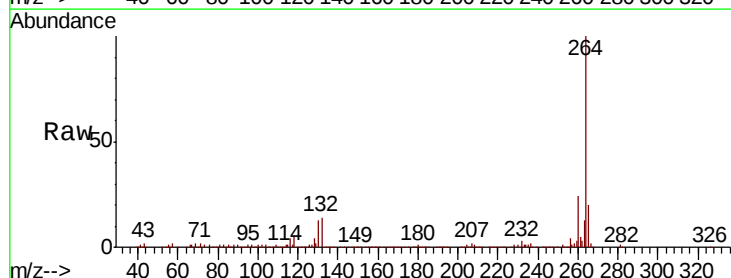


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

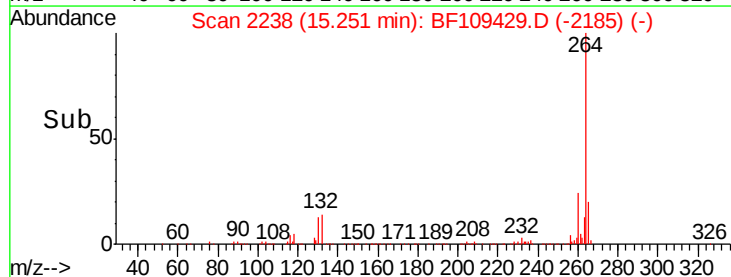
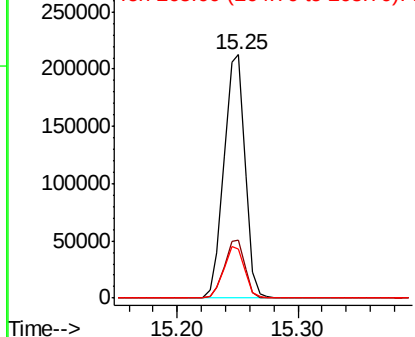


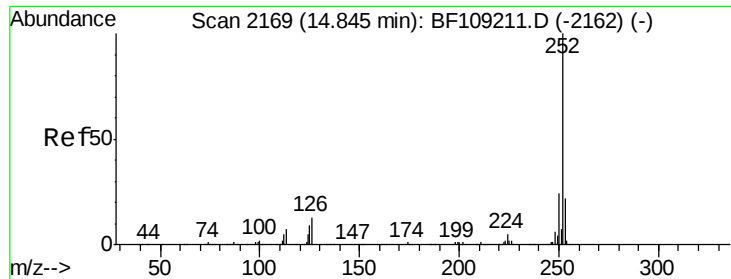
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.25 min Scan# 2238
Delta R.T. 0.01 min
Lab File: BF109429.D
Acq: 28 Sep 2018 14:58

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	20.3	17.5	26.3



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

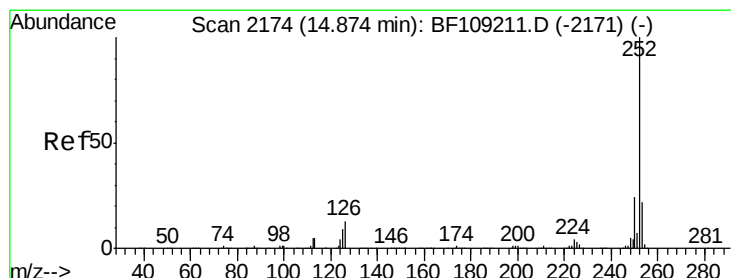
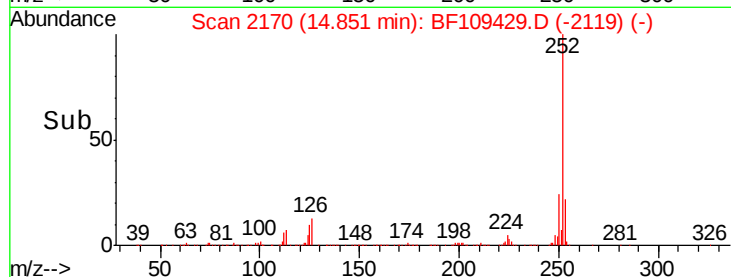
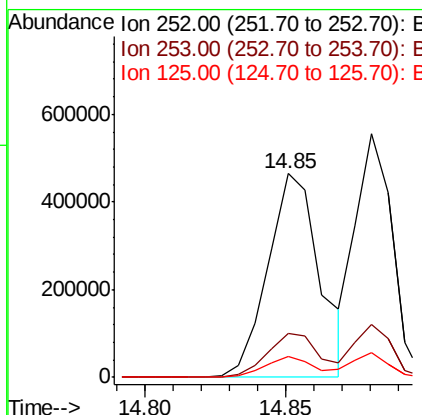
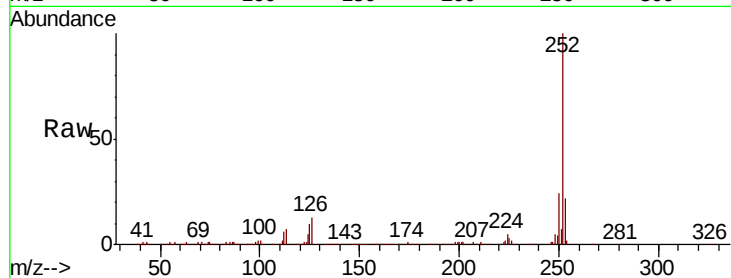




#87
Benzo(b)fluoranthene
Concen: 41.920 ng
RT: 14.85 min Scan# 2170
Delta R.T. 0.00 min
Lab File: BF109429.D
Acq: 28 Sep 2018 14:58

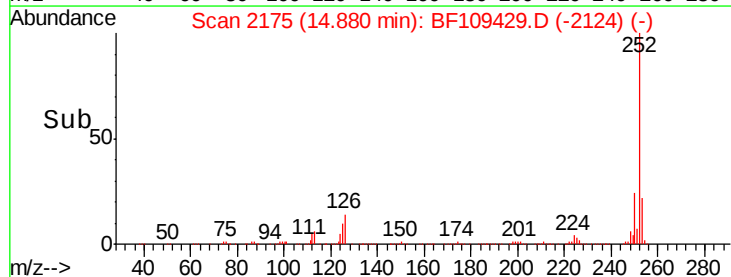
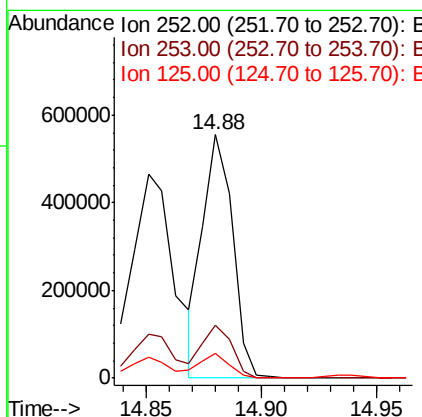
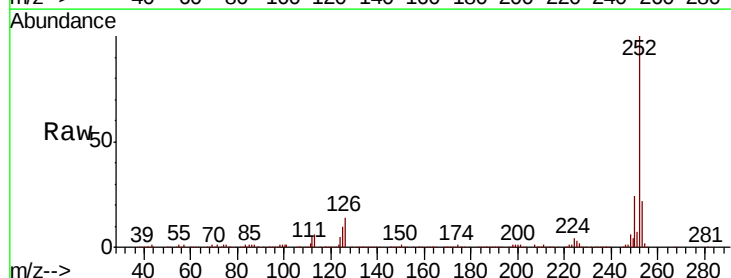
Instrument :
BNA_F
ClientSampleId :

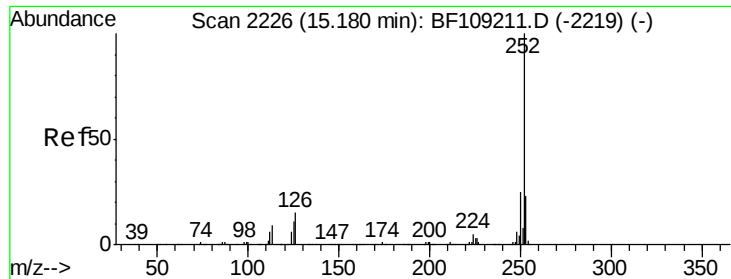
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.0	25.6
125	10.0	9.0	13.6



#88
Benzo(k)fluoranthene
Concen: 37.168 ng
RT: 14.88 min Scan# 2175
Delta R.T. 0.00 min
Lab File: BF109429.D
Acq: 28 Sep 2018 14:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.9	26.9
125	10.0	10.2	15.2





#89

Benzo(a)pyrene

Concen: 39.409 ng

RT: 15.19 min Scan# 2228

Delta R.T. 0.01 min

Lab File: BF109429.D

Acq: 28 Sep 2018 14:58

Instrument :

BNA_F

ClientSampleId :

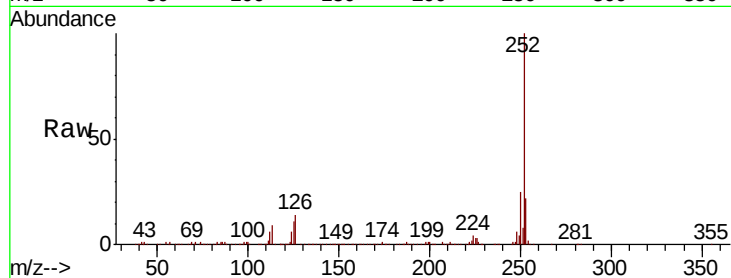
Tot Ion:252 Resp: 501558

Ion Ratio Lower Upper

252 100

253 22.0 17.1 25.7

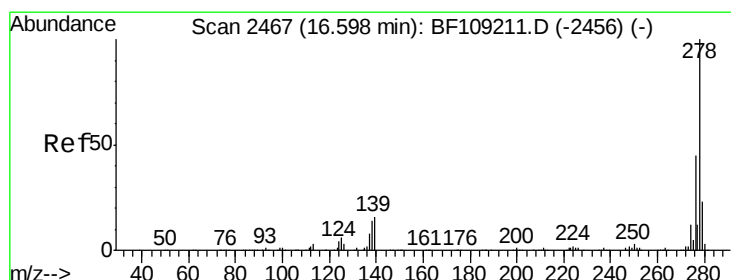
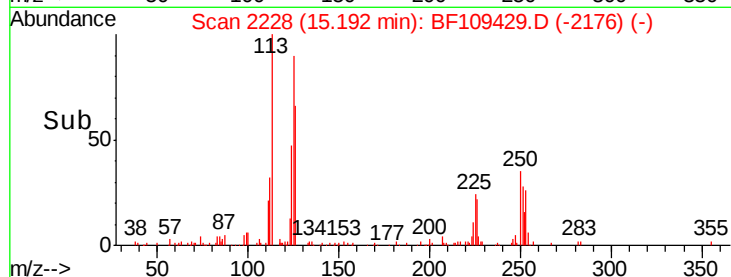
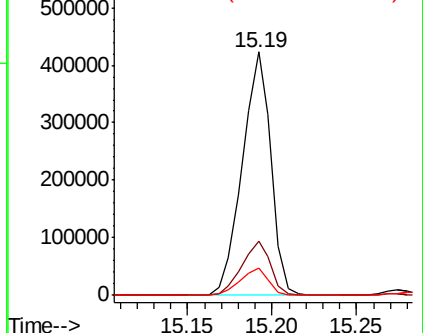
125 11.5 9.8 14.6



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: 43.545 ng

RT: 16.62 min Scan# 2471

Delta R.T. 0.01 min

Lab File: BF109429.D

Acq: 28 Sep 2018 14:58

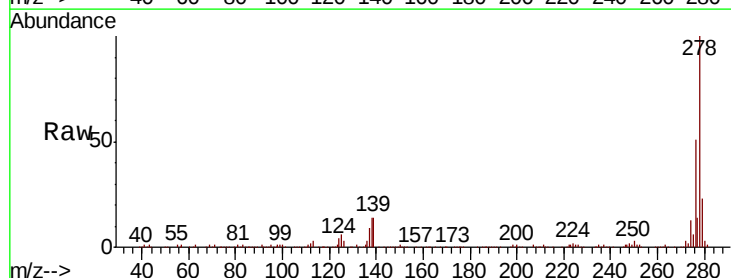
Tgt Ion:278 Resp: 454662

Ion Ratio Lower Upper

278 100

139 14.5 15.9 23.9#

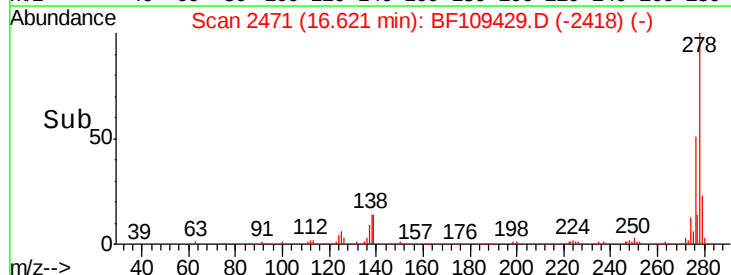
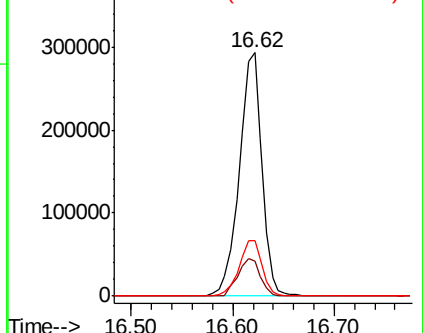
279 22.8 19.0 28.4

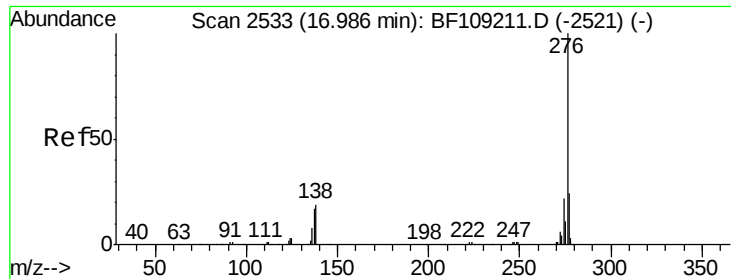


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 45.005 ng

RT: 17.01 min Scan# 2537

Delta R.T. 0.01 min

Lab File: BF109429.D

Acq: 28 Sep 2018 14:58

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 276 Resp: 461821

Ion Ratio Lower Upper

276 100

277 24.5 17.9 26.9

138 21.5 21.8 32.8#

