

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092618\
 Data File : BF109375.D
 Acq On : 27 Sep 2018 8:53
 Operator : JU/SJ
 Sample : PB113192BS
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 27 11:29:44 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	6.70	152	112421	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	424454	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	197292	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	337678	20.00	ng	0.00
75) Chrysene-d12	13.85	240	251622	20.00	ng	0.00
86) Perylene-d12	15.24	264	236519	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.32	112	563857	82.61	ng	0.00
7) Phenol-d6	6.35	99	723088	83.02	ng	0.00
23) Nitrobenzene-d5	7.27	82	659468	91.72	ng	0.00
41) 2,4,6-Tribromophenol	10.53	330	168986	86.89	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1165698	89.11	ng	0.00
78) Terphenyl-d14	12.80	244	996946	97.24	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.43	88	106329	33.825	ng	92
3) Pyridine	3.13	79	286213	35.376	ng	90
4) n-Nitrosodimethylamine	3.06	42	142363	41.347	ng	# 98
6) Aniline	6.37	93	166756	14.965	ng	# 11
8) 2-Chlorophenol	6.49	128	302539	39.859	ng	99
9) Benzaldehyde	6.25	77	154493	27.612	ng	96
10) Phenol	6.36	94	363208	36.824	ng	82
11) bis(2-Chloroethyl)ether	6.45	93	285214	36.955	ng	97
12) 1,3-Dichlorobenzene	6.65	146	329757	37.734	ng	99
13) 1,4-Dichlorobenzene	6.73	146	331853	37.693	ng	98
14) 1,2-Dichlorobenzene	6.88	146	309317	38.085	ng	99
15) Benzyl Alcohol	6.85	79	267340	40.101	ng	94
16) 2,2'-oxybis(1-Chloropropan	6.99	45	402596	36.775	ng	91
17) 2-Methylphenol	6.97	107	248421	40.450	ng	96
18) Hexachloroethane	7.22	117	117221	37.791	ng	98
19) n-Nitroso-di-n-propylamine	7.13	70	213579	37.424	ng	99
20) 3+4-Methylphenols	7.13	107	301322	40.638	ng	91
22) Acetophenone	7.12	105	420871	42.888	ng	# 96
24) Nitrobenzene	7.29	77	323252	42.282	ng	98
25) Isophorone	7.53	82	583273	45.048	ng	98
26) 2-Nitrophenol	7.61	139	152804	50.540	ng	96
27) 2,4-Dimethylphenol	7.65	122	267594	47.431	ng	98
28) bis(2-Chloroethoxy)methane	7.75	93	366136	42.718	ng	99
29) 2,4-Dichlorophenol	7.85	162	255411	43.089	ng	99
30) 1,2,4-Trichlorobenzene	7.93	180	263373	39.764	ng	96
31) Naphthalene	8.01	128	855586	43.136	ng	99
32) Benzoic acid	7.78	122	184415	48.088	ng	97
33) 4-Chloroaniline	8.06	127	60640	6.998	ng	99
34) Hexachlorobutadiene	8.13	225	158643	39.731	ng	98
35) Caprolactam	8.44	113	62635	33.097	ng	# 78
36) 4-Chloro-3-methylphenol	8.56	107	270486	43.365	ng	98
37) 2-Methylnaphthalene	8.70	142	578693	45.258	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	266022	42.368	ng	98
40) Hexachlorocyclopentadiene	8.86	237	126044	46.024	ng	98

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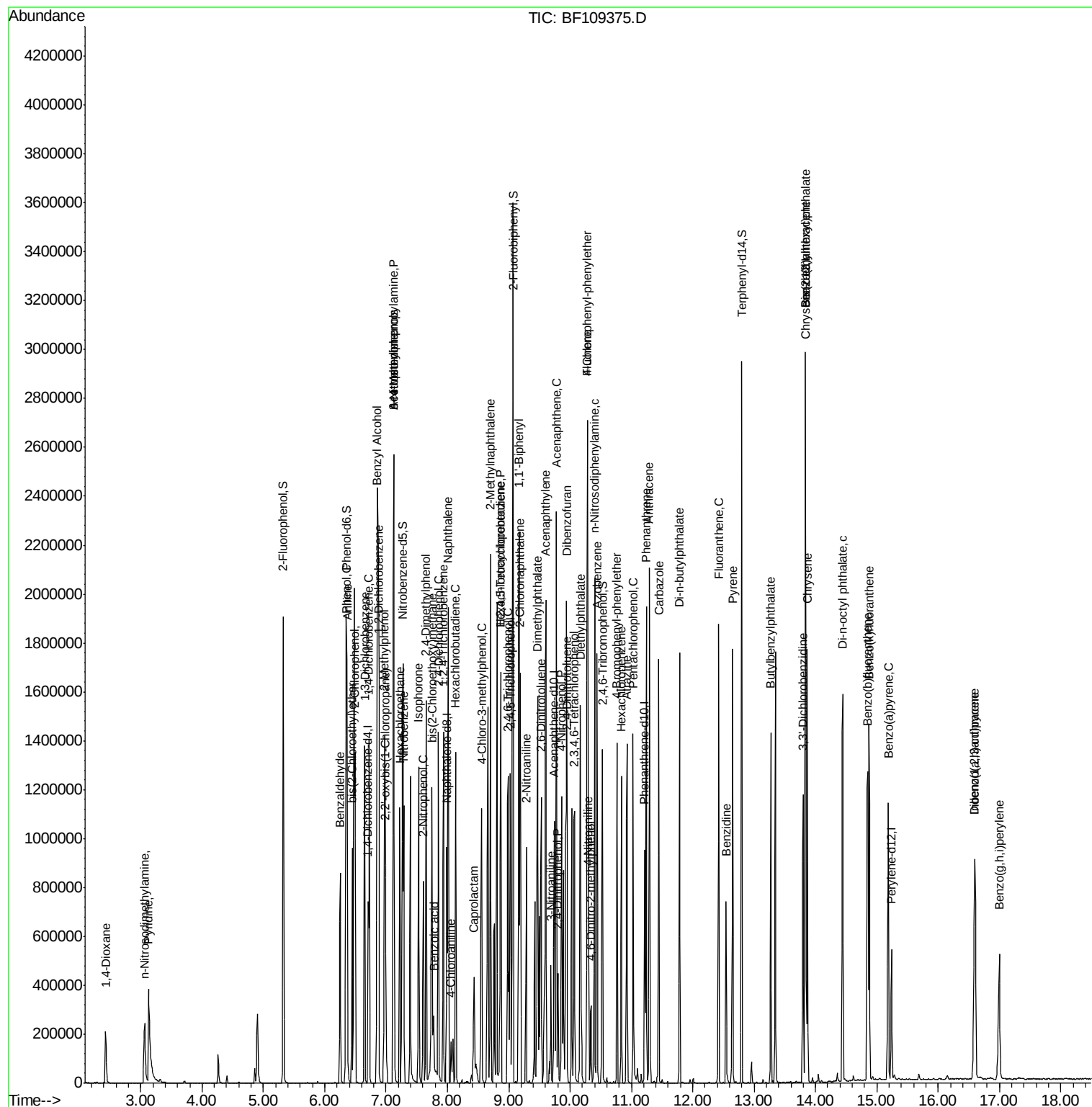
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	180973	44.908	ng	99
43) 2,4,5-Trichlorophenol	9.03	196	190288	44.710	ng	# 95
45) 1,1'-Biphenyl	9.17	154	690713	42.969	ng	98
46) 2-Chloronaphthalene	9.19	162	525988	40.959	ng	97
47) 2-Nitroaniline	9.29	65	161829	44.448	ng	97
48) Acenaphthylene	9.60	152	840852	43.404	ng	99
49) Dimethylphthalate	9.47	163	637549	44.429	ng	100
50) 2,6-Dinitrotoluene	9.53	165	134148	47.202	ng	97
51) Acenaphthene	9.77	154	482231	41.172	ng	99
52) 3-Nitroaniline	9.69	138	70624	21.458	ng	94
53) 2,4-Dinitrophenol	9.80	184	56177	58.321	ng	# 16
54) Dibenzofuran	9.95	168	711161	40.827	ng	98
55) 4-Nitrophenol	9.86	139	191152	77.098	ng	89
56) 2,4-Dinitrotoluene	9.93	165	168921	46.975	ng	# 94
57) Fluorene	10.29	166	518022	41.681	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.07	232	147615	43.804	ng	89
59) Diethylphthalate	10.17	149	607473	41.805	ng	97
60) 4-Chlorophenyl-phenylether	10.28	204	257317	39.640	ng	94
61) 4-Nitroaniline	10.30	138	116063	36.160	ng	98
62) Azobenzene	10.44	77	587356	38.904	ng	96
64) 4,6-Dinitro-2-methylphenol	10.34	198	40901	32.672	ng	80
65) n-Nitrosodiphenylamine	10.40	169	505605	45.318	ng	96
66) 4-Bromophenyl-phenylether	10.76	248	169444	45.188	ng	91
67) Hexachlorobenzene	10.83	284	168729	42.368	ng	94
68) Atrazine	10.93	200	162904	47.477	ng	97
69) Pentachlorophenol	11.03	266	170022	71.331	ng	97
70) Phenanthrene	11.24	178	738275	43.788	ng	99
71) Anthracene	11.29	178	753076	44.038	ng	99
72) Carbazole	11.45	167	663934	39.022	ng	99
73) Di-n-butylphthalate	11.79	149	877216	44.785	ng	99
74) Fluoranthene	12.42	202	732755	40.668	ng	97
76) Benzidine	12.55	184	297752	32.820	ng	98
77) Pyrene	12.65	202	742069	41.150	ng	98
79) Butylbenzylphthalate	13.27	149	332108	43.288	ng	96
80) Benzo(a)anthracene	13.83	228	647912	42.750	ng	99
81) 3,3'-Dichlorobenzidine	13.80	252	237726	41.273	ng	# 97
82) Chrysene	13.87	228	639014	42.539	ng	100
83) Bis(2-ethylhexyl)phthalate	13.84	149	412824	42.666	ng	99
84) Di-n-octyl phthalate	14.45	149	787542	47.603	ng	98
85) Indeno(1,2,3-cd)pyrene	16.59	276	489526	40.204	ng	# 93
87) Benzo(b)fluoranthene	14.85	252	628970	48.395	ng	97
88) Benzo(k)fluoranthene	14.87	252	541332	43.894	ng	98
89) Benzo(a)pyrene	15.19	252	531572	45.391	ng	98
90) Dibenzo(a,h)anthracene	16.60	278	404512	42.103	ng	96
91) Benzo(g,h,i)perylene	17.00	276	394339	41.762	ng	# 92

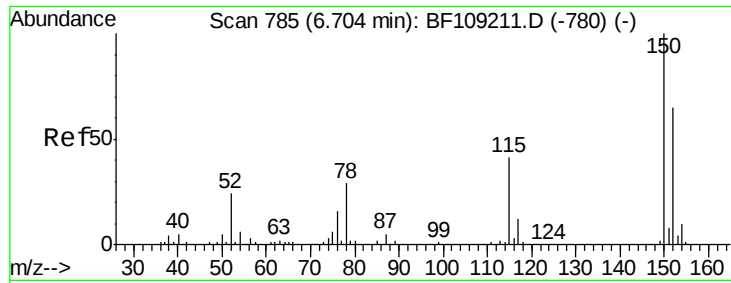
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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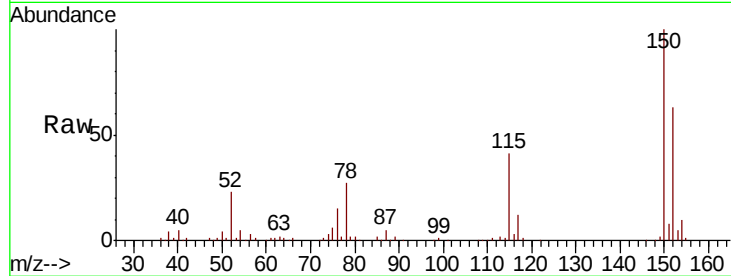


#1

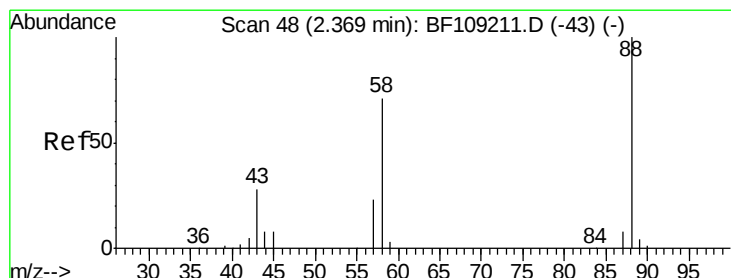
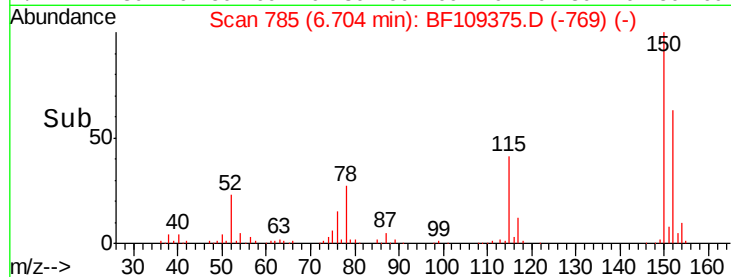
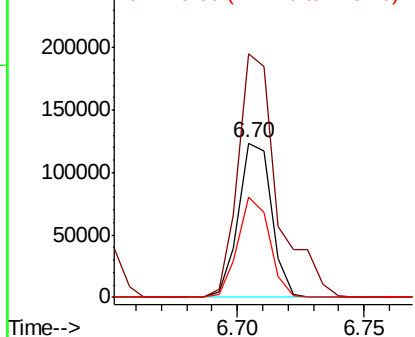
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109375.D
Acq: 27 Sep 2018 8:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 112421
Ion Ratio Lower Upper
152 100
150 157.7 124.6 186.8
115 64.8 50.1 75.1



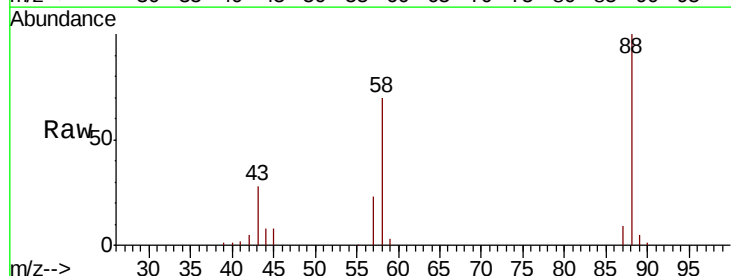
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



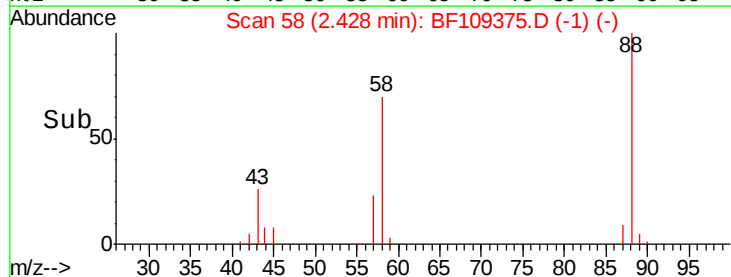
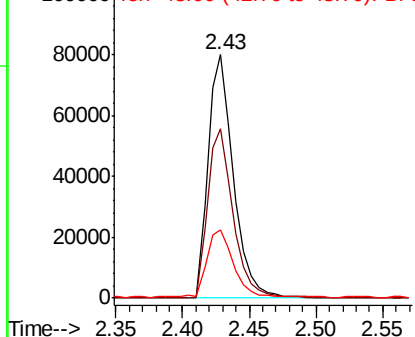
#2

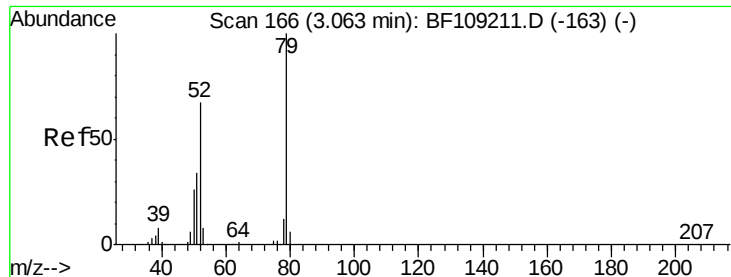
1,4-Dioxane
Concen: 33.825 ng
RT: 2.43 min Scan# 58
Delta R.T. 0.06 min
Lab File: BF109375.D
Acq: 27 Sep 2018 8:53

Tgt Ion: 88 Resp: 106329
Ion Ratio Lower Upper
88 100
58 69.8 62.6 93.8
43 28.7 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: 35.376 ng

RT: 3.13 min Scan# 177

Delta R.T. 0.06 min

Lab File: BF109375.D

Acq: 27 Sep 2018 8:53

Instrument :

BNA_F

ClientSampleId :

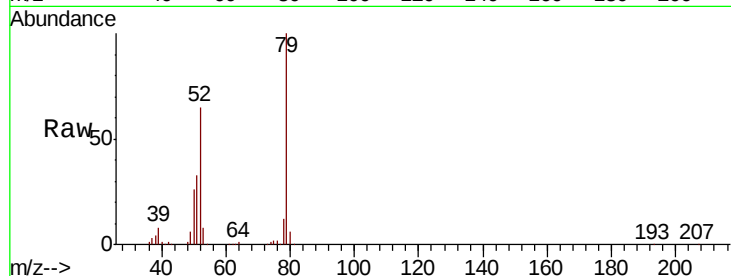
Tot Ion: 79 Resp: 286213

Ion Ratio Lower Upper

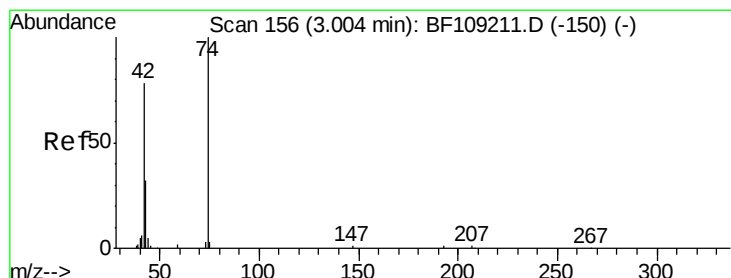
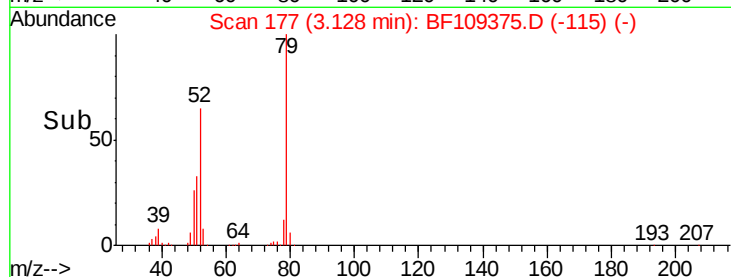
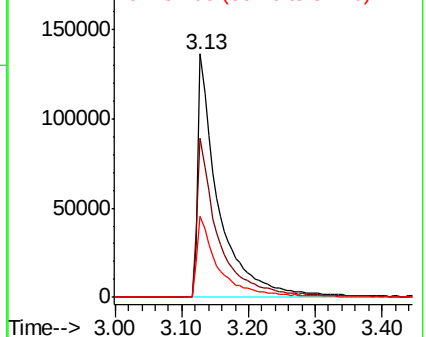
79 100

52 65.3 59.8 89.6

51 33.5 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: 41.347 ng

RT: 3.06 min Scan# 166

Delta R.T. 0.04 min

Lab File: BF109375.D

Acq: 27 Sep 2018 8:53

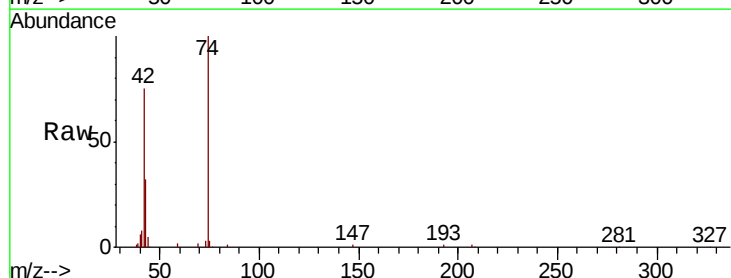
Tgt Ion: 42 Resp: 142363

Ion Ratio Lower Upper

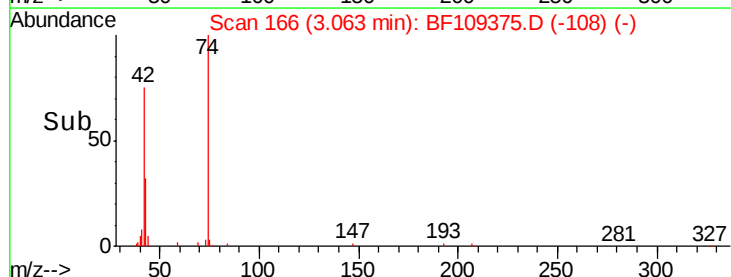
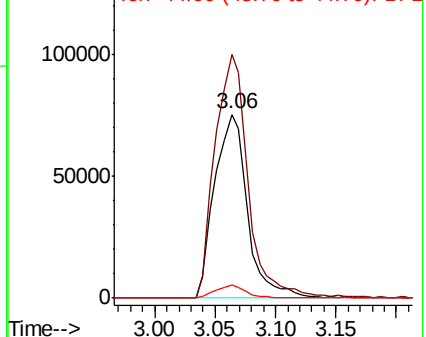
42 100

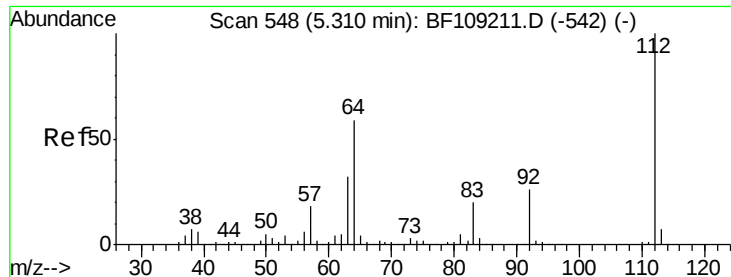
74 132.7 104.9 157.3

44 6.9 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: 82.611 ng

RT: 5.32 min Scan# 550

Delta R.T. 0.01 min

Lab File: BF109375.D

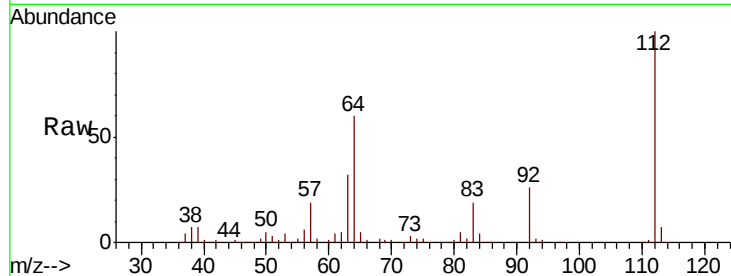
Acq: 27 Sep 2018 8:53

Instrument :

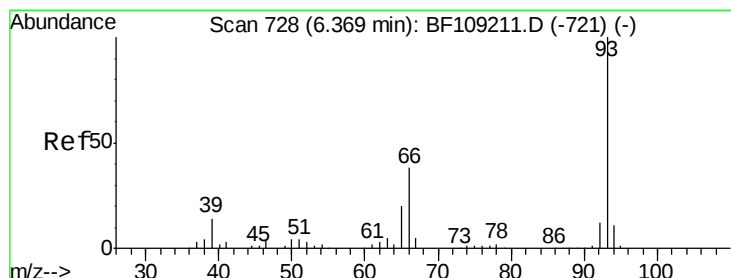
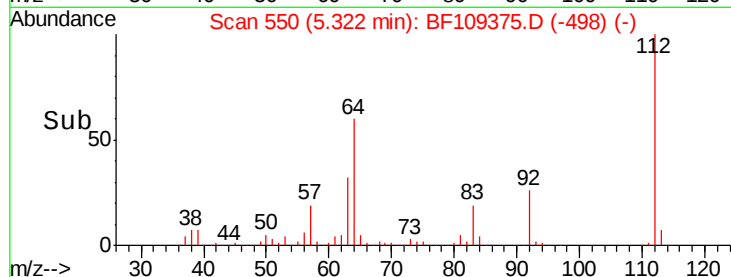
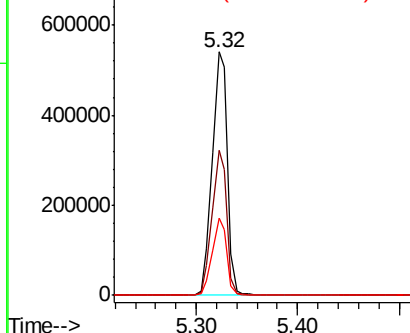
BNA_F

ClientSampleId :

Tot Ion:	112	Resp:	563857
Ion	Ratio	Lower	Upper
112	100		
64	59.8	47.9	71.9
63	31.6	23.7	35.5



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



#6

Aniline

Concen: 14.965 ng

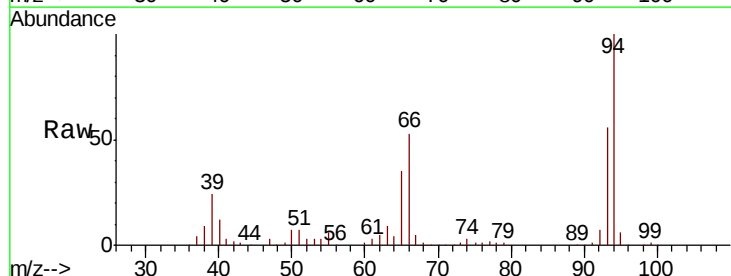
RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

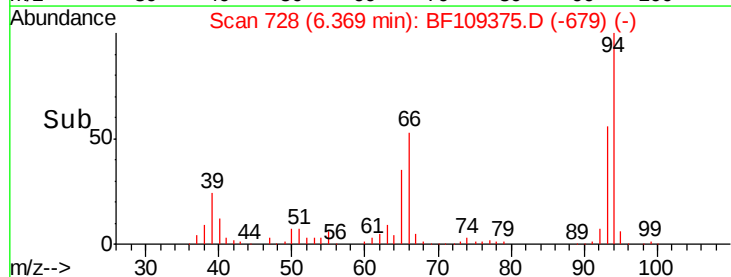
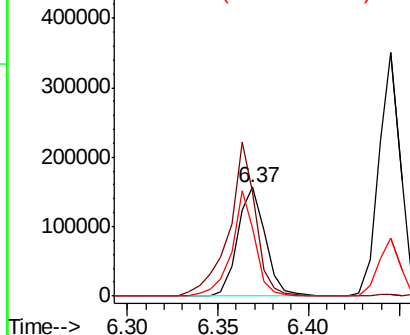
Lab File: BF109375.D

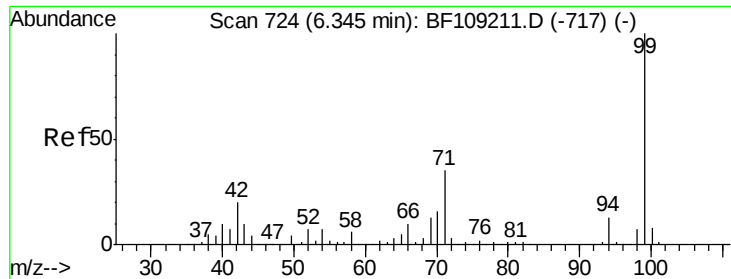
Acq: 27 Sep 2018 8:53

Tgt Ion:	93	Resp:	166756
Ion	Ratio	Lower	Upper
93	100		
66	95.3	32.2	48.2#
65	62.3	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: 83.022 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

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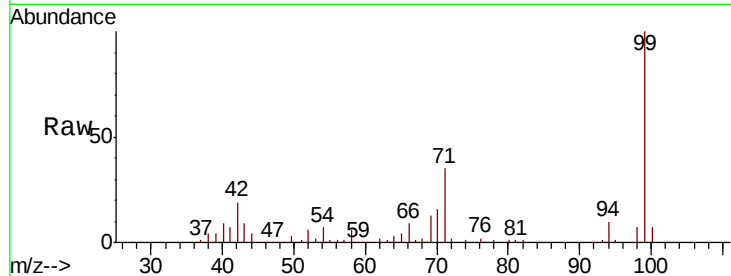
Tot Ion: 99 Resp: 723088

Ion Ratio Lower Upper

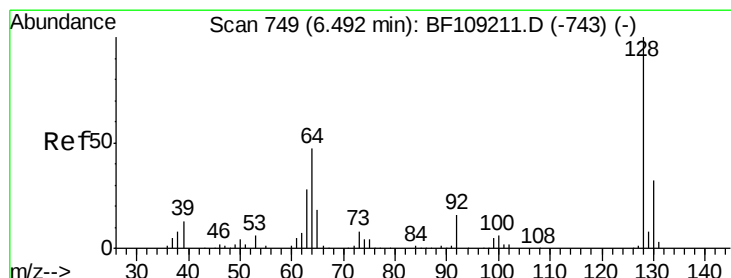
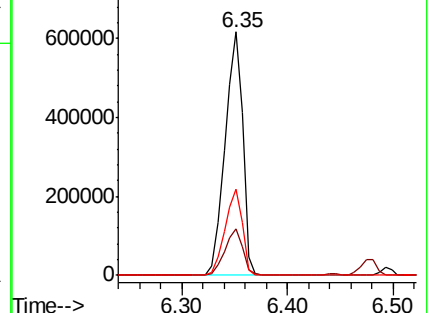
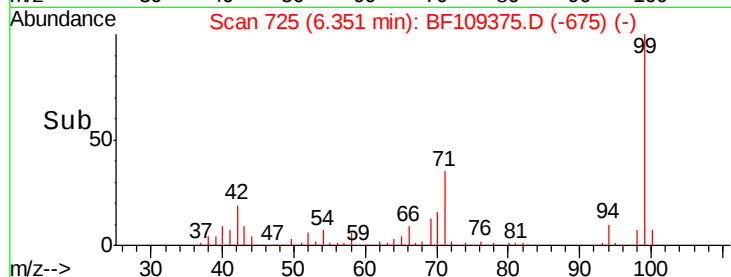
99 100

42 19.2 14.5 21.7

71 35.2 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



#8

2-Chlorophenol

Concen: 39.859 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF109375.D

Acq: 27 Sep 2018 8:53

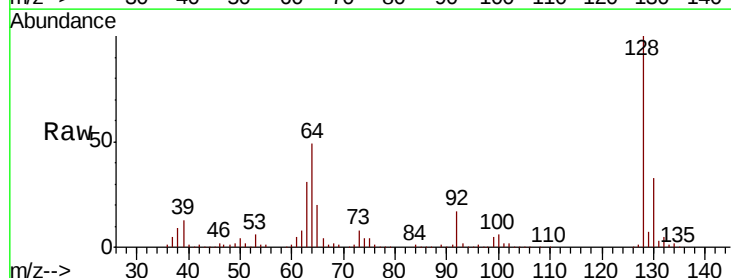
Tgt Ion: 128 Resp: 302539

Ion Ratio Lower Upper

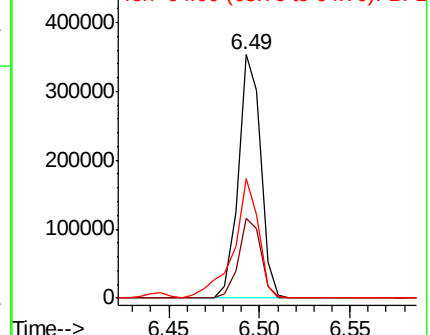
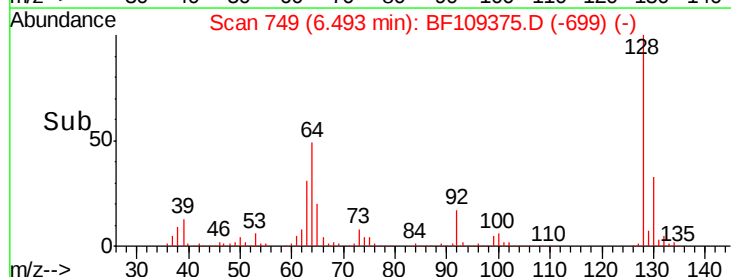
128 100

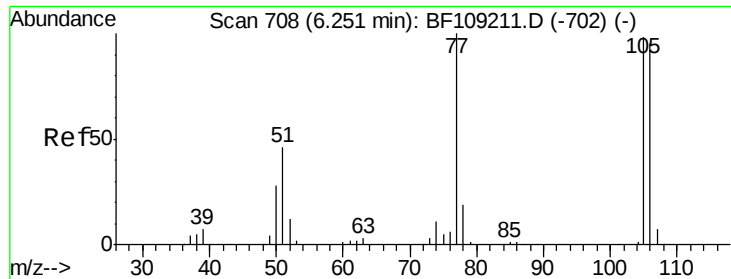
130 32.6 13.0 53.0

64 49.1 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

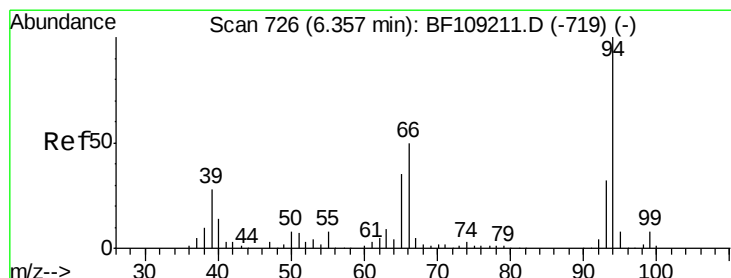
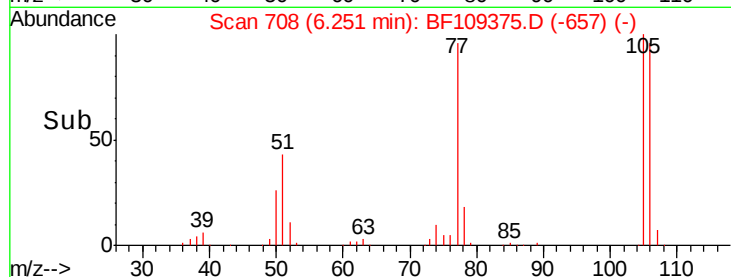
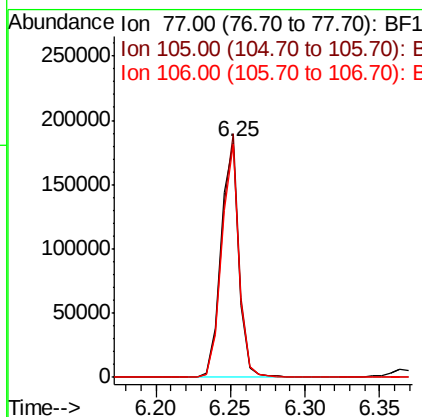
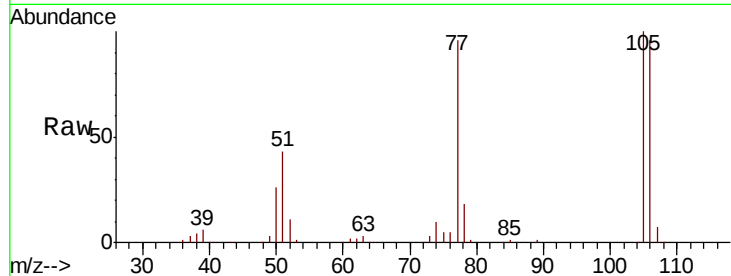




#9
Benzaldehyde
Concen: 27.612 ng
RT: 6.25 min Scan# 708
Delta R.T. 0.00 min
Lab File: BF109375.D
Acq: 27 Sep 2018 8:53

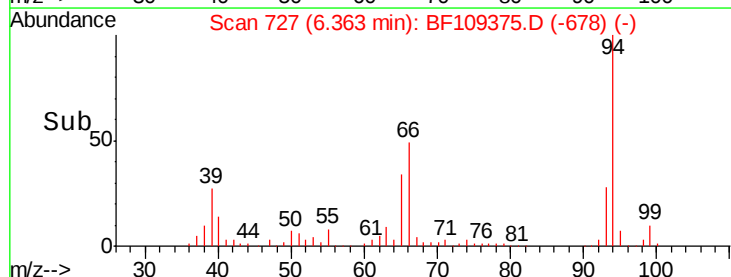
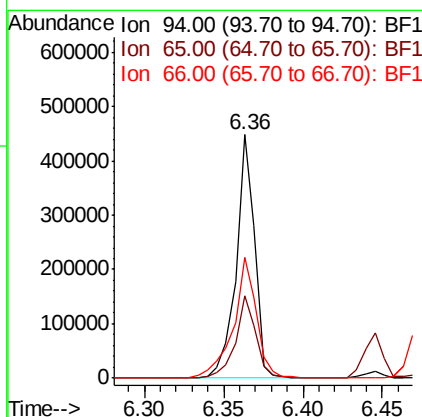
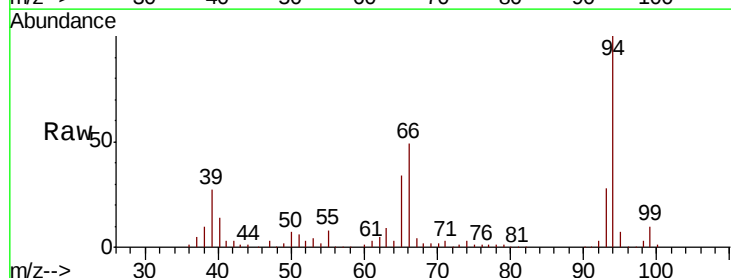
Instrument :
BNA_F
ClientSampled :

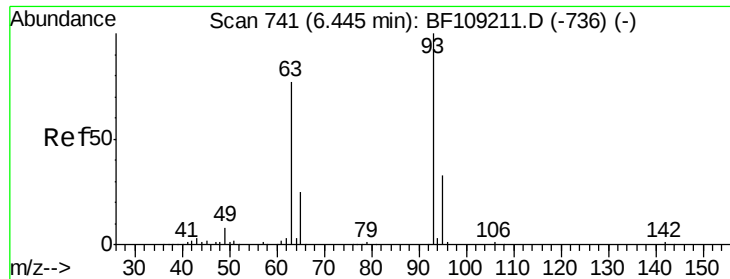
Tot Ion	Ratio	Lower	Upper
77	100		
105	103.6	81.1	121.1
106	99.5	74.5	114.5



#10
Phenol
Concen: 36.824 ng
RT: 6.36 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF109375.D
Acq: 27 Sep 2018 8:53

Tgt Ion	Ratio	Lower	Upper
94	100		
65	33.9	7.9	47.9
66	49.4	16.2	56.2

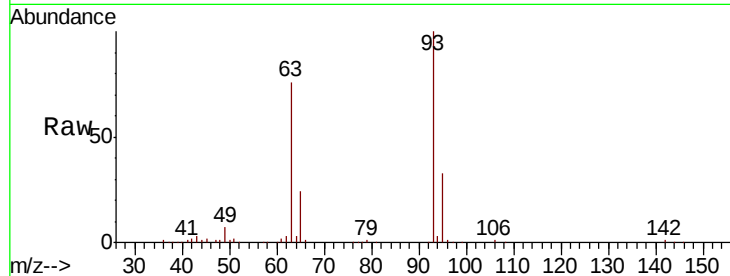




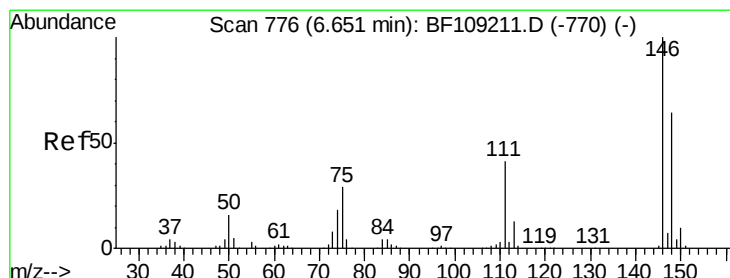
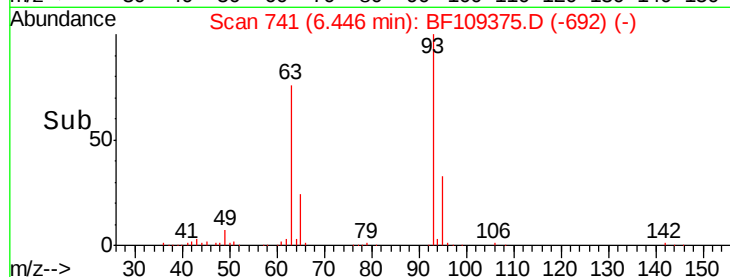
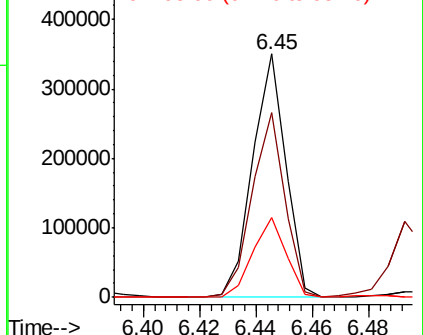
#11
bis(2-Chloroethyl)ether
Concen: 36.955 ng
RT: 6.45 min Scan# 741
Delta R.T. -0.01 min
Lab File: BF109375.D
Acq: 27 Sep 2018 8:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
93	100		
63	76.1	58.6	98.6
95	33.0	11.8	51.8

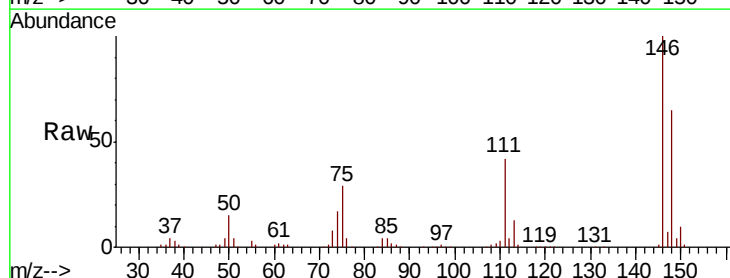


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

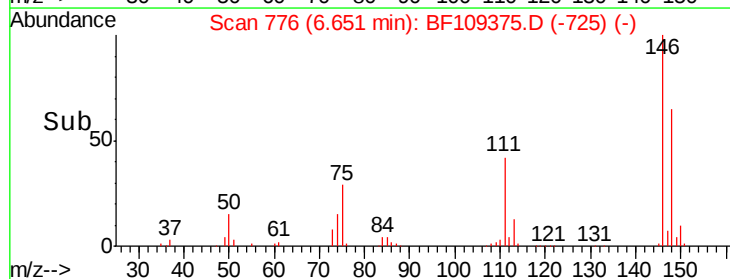
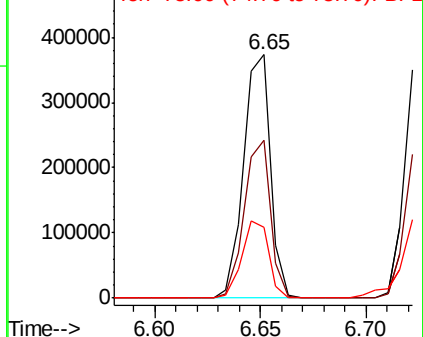


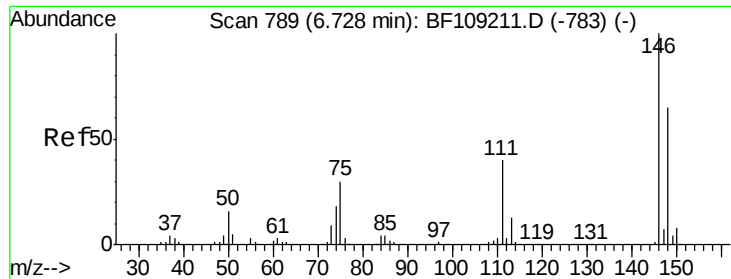
#12
1,3-Dichlorobenzene
Concen: 37.734 ng
RT: 6.65 min Scan# 776
Delta R.T. 0.00 min
Lab File: BF109375.D
Acq: 27 Sep 2018 8:53

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.8	77.8
75	29.0	24.2	36.4



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

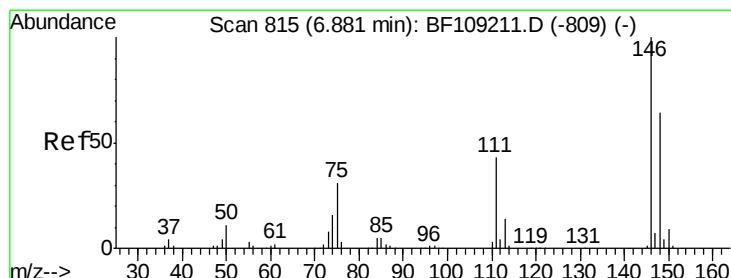
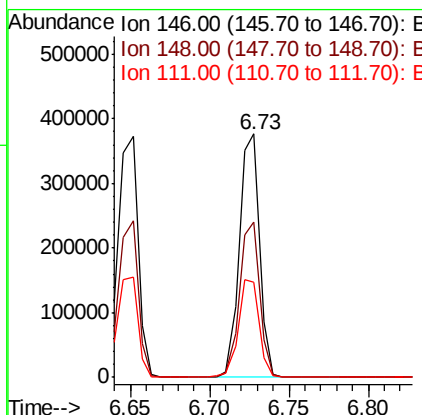
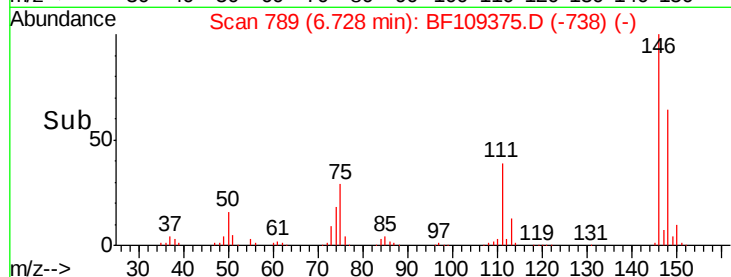
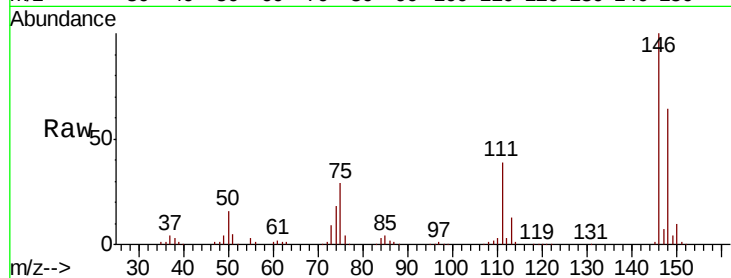




#13
 1,4-Dichlorobenzene
 Concen: 37.693 ng
 RT: 6.73 min Scan# 789
 Delta R.T. 0.00 min
 Lab File: BF109375.D
 Acq: 27 Sep 2018 8:53

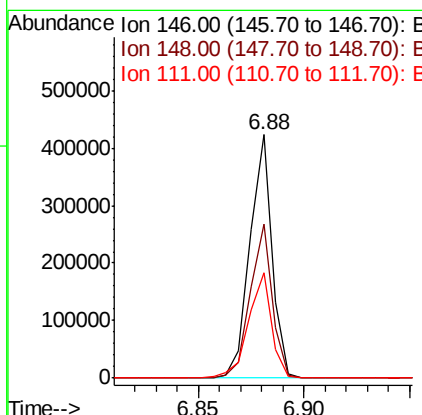
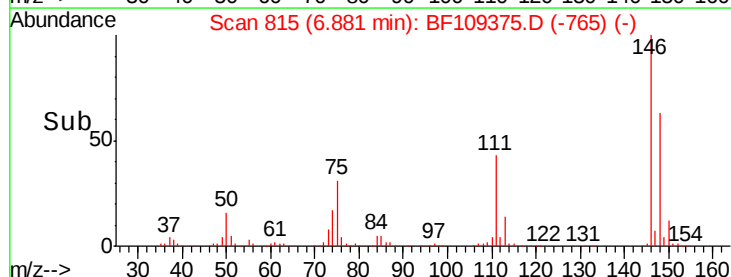
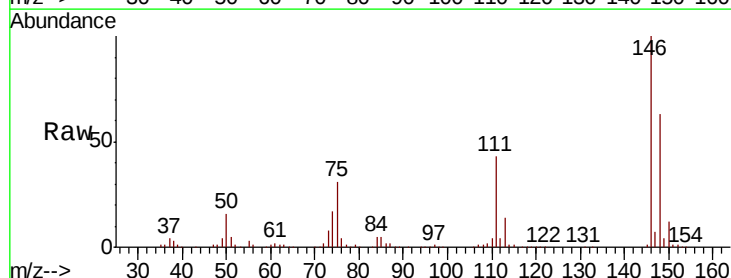
Instrument :
 BNA_F
 ClientSampleId :

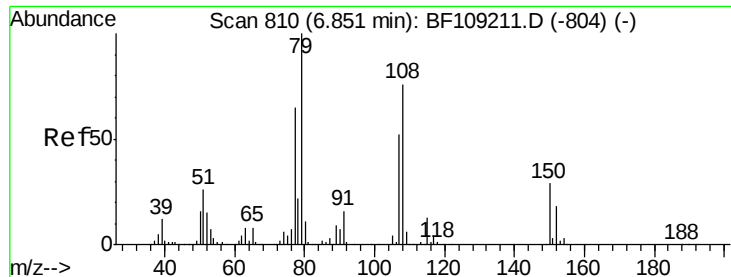
Tot Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.8	76.2
111	39.3	34.2	51.2



#14
 1,2-Dichlorobenzene
 Concen: 38.085 ng
 RT: 6.88 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF109375.D
 Acq: 27 Sep 2018 8:53

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	50.6	75.8
111	43.1	36.0	54.0

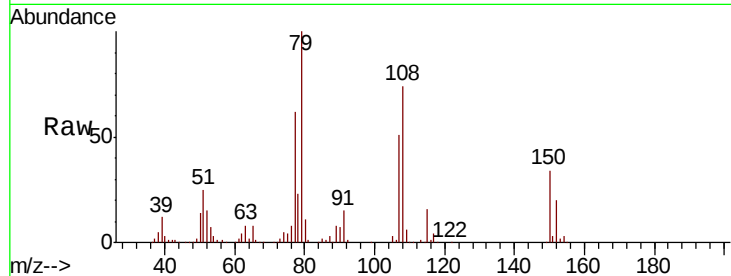




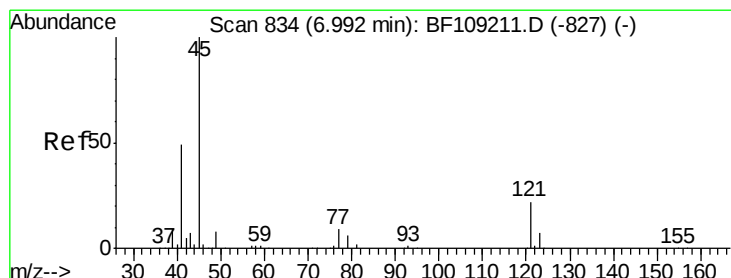
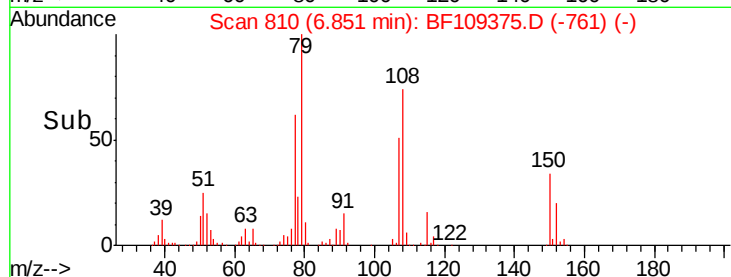
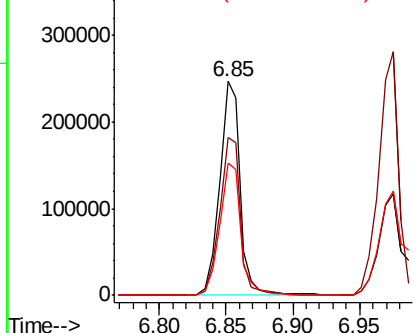
#15
Benzyl Alcohol
Concen: 40.101 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF109375.D
Acq: 27 Sep 2018 8:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 79 Resp: 267340
Ion Ratio Lower Upper
79 100
108 73.7 65.1 97.7
77 61.7 50.6 75.8

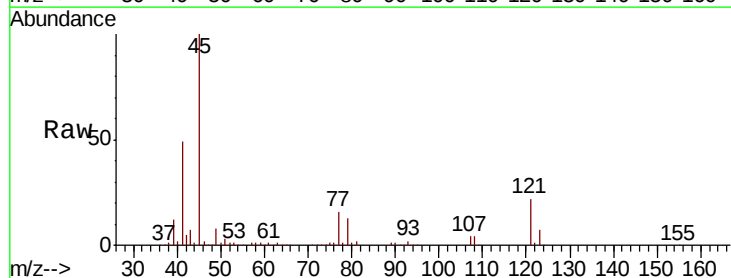


Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

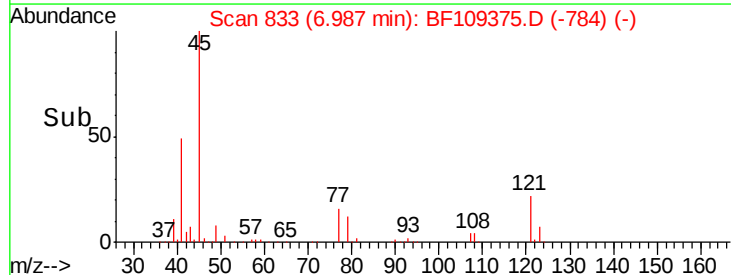
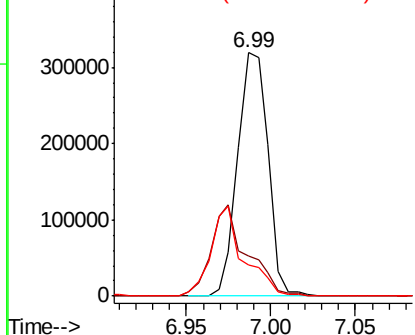


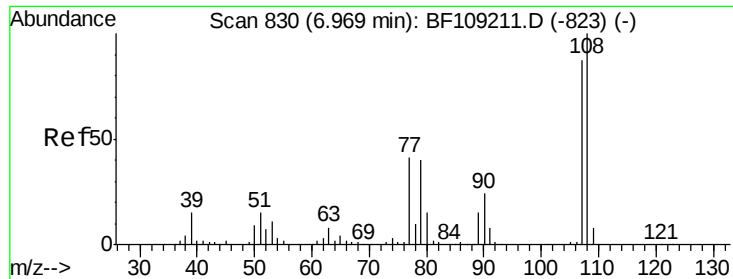
#16
2,2'-oxybis(1-chloropropane)
Concen: 36.775 ng
RT: 6.99 min Scan# 833
Delta R.T. -0.01 min
Lab File: BF109375.D
Acq: 27 Sep 2018 8:53

Tgt Ion: 45 Resp: 402596
Ion Ratio Lower Upper
45 100
77 16.5 0.0 32.9
79 12.6 0.0 29.6



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

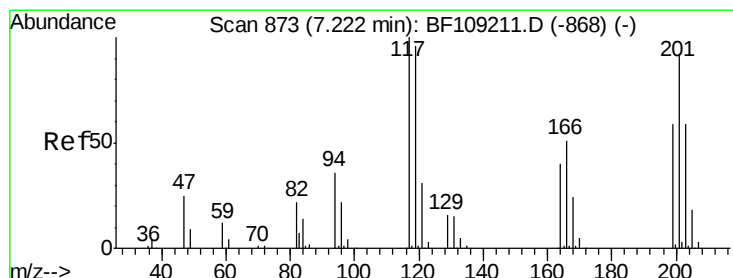
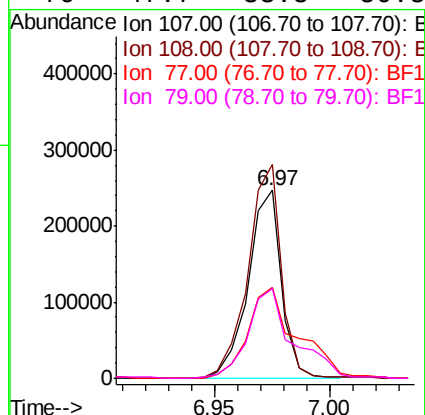
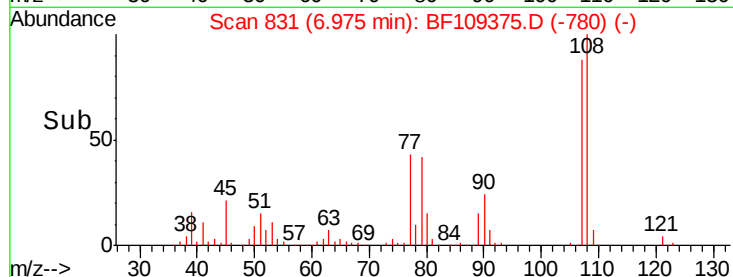
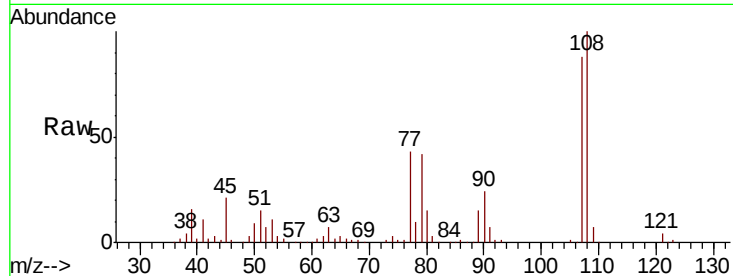




#17
2-Methylphenol
Concen: 40.450 ng
RT: 6.97 min Scan# 831
Delta R.T. 0.00 min
Lab File: BF109375.D
Acq: 27 Sep 2018 8:53

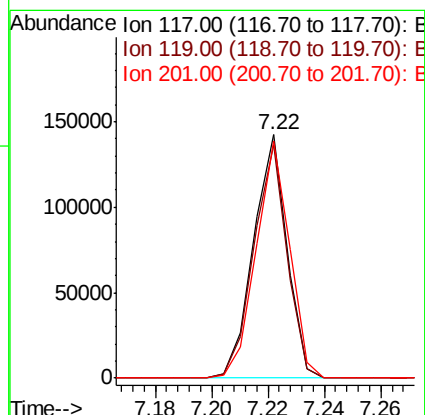
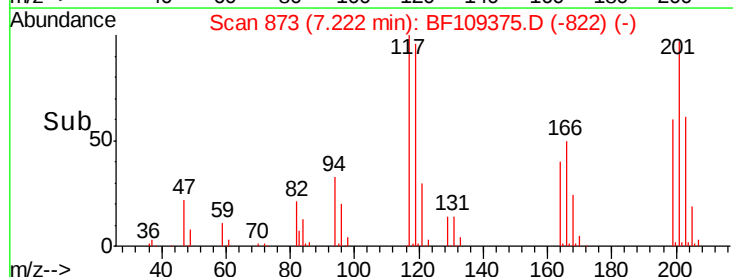
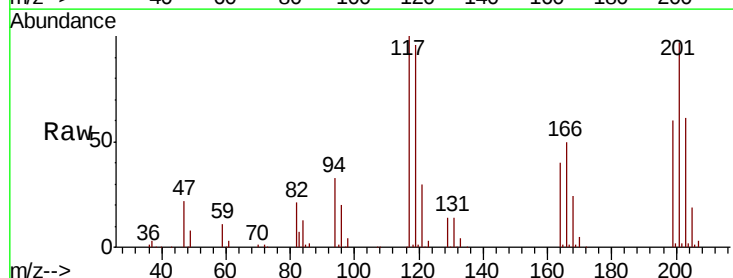
Instrument :
BNA_F
ClientSampleId :

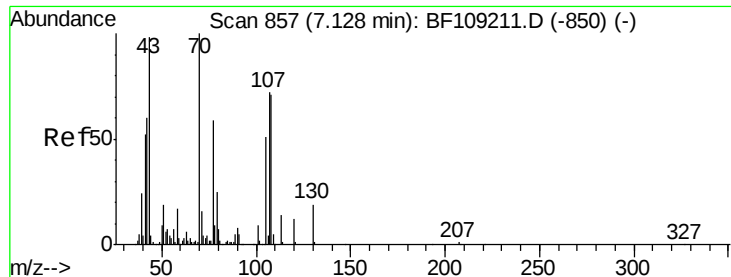
Tot Ion	Ratio	Lower	Upper
107	100		
108	113.8	91.7	137.5
77	48.6	33.8	50.8
79	47.7	33.8	50.8



#18
Hexachloroethane
Concen: 37.791 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF109375.D
Acq: 27 Sep 2018 8:53

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.0	75.8	113.8
201	97.3	75.7	113.5

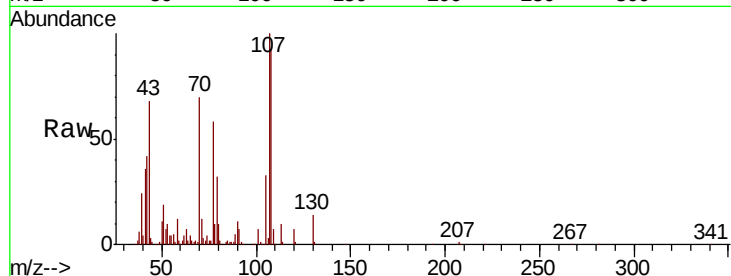




#19
n-Nitroso-di-n-propylamine
Concen: 37.424 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.02 min
Lab File: BF109375.D
Acq: 27 Sep 2018 8:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	213579
Ion	Ratio	Lower	Upper
70	100		
42	60.2	47.5	71.3
101	9.5	7.4	11.2
130	19.5	16.6	25.0



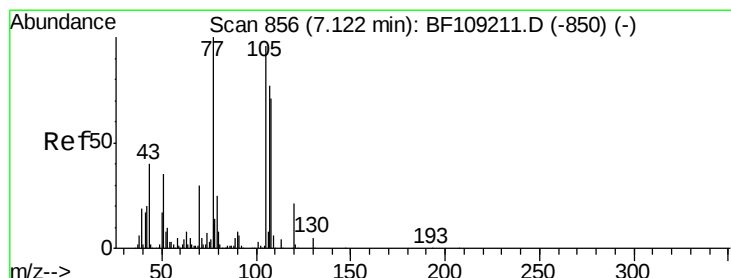
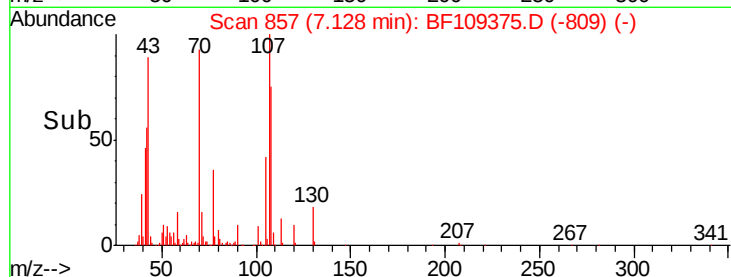
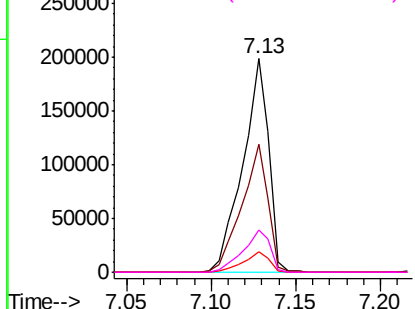
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

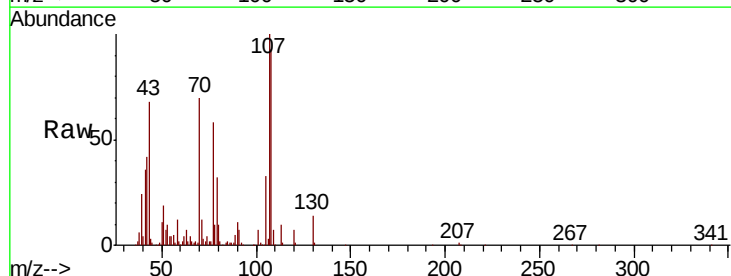
Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20
3+4-Methylphenols
Concen: 40.638 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.01 min
Lab File: BF109375.D
Acq: 27 Sep 2018 8:53

Tgt Ion:	107	Resp:	301322
Ion	Ratio	Lower	Upper
107	100		
108	93.0	68.2	108.2
77	57.5	26.7	66.7
79	31.6	6.3	46.3



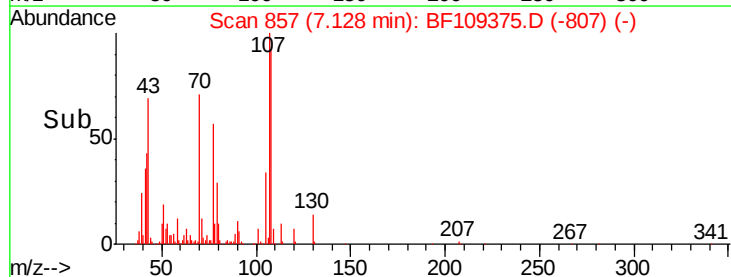
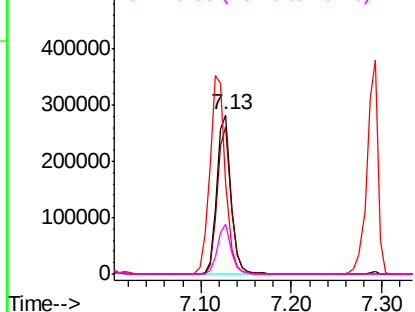
Abundance

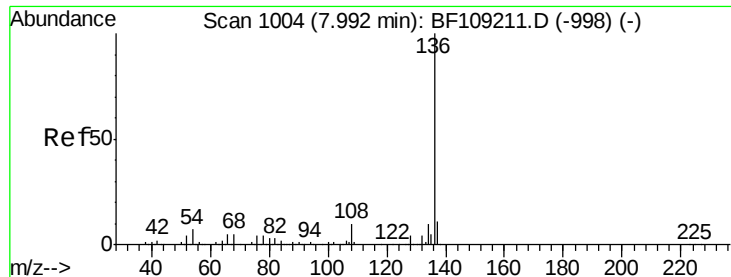
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.99 min Scan# 1004

Delta R.T. 0.00 min

Lab File: BF109375.D

Acq: 27 Sep 2018 8:53

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 424454

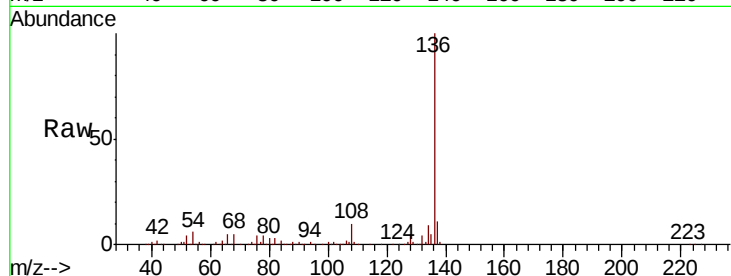
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 6.3 6.6 9.8#

68 5.3 5.0 7.4

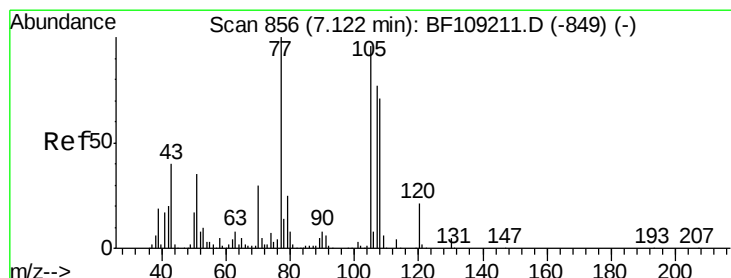
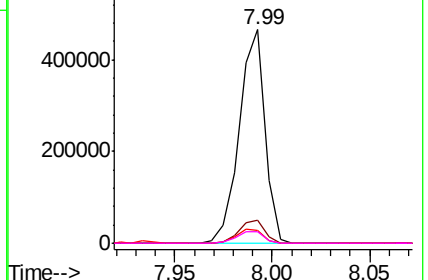
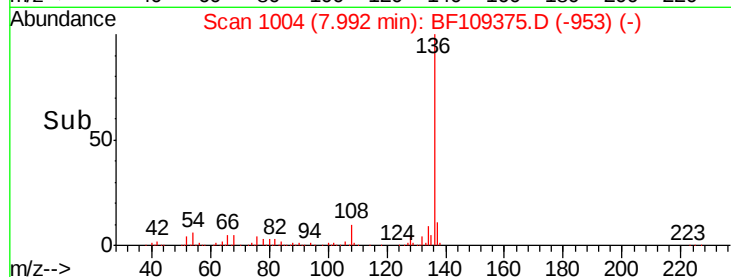


Abundance Ion 136.00 (135.70 to 136.70): E

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: 42.888 ng

RT: 7.12 min Scan# 855

Delta R.T. -0.01 min

Lab File: BF109375.D

Acq: 27 Sep 2018 8:53

Tgt Ion:105 Resp: 420871

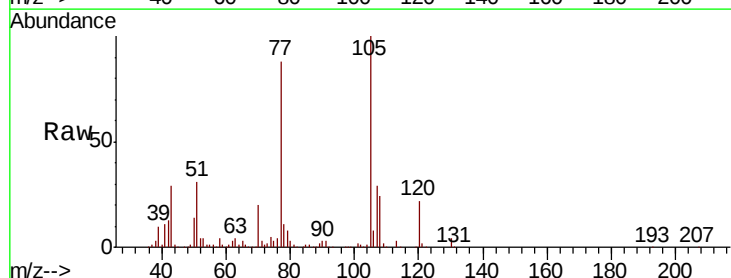
Ion Ratio Lower Upper

105 100

71 3.2 4.4 6.6#

51 30.5 22.3 33.5

120 21.6 16.9 25.3

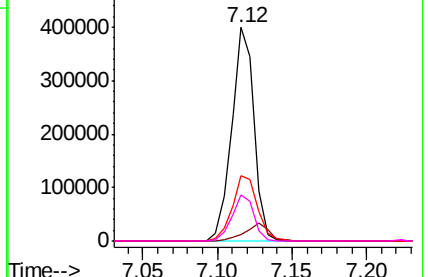
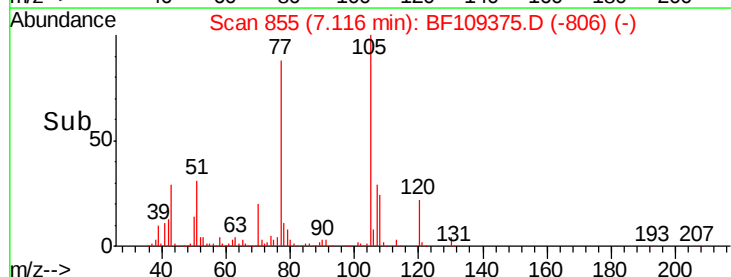


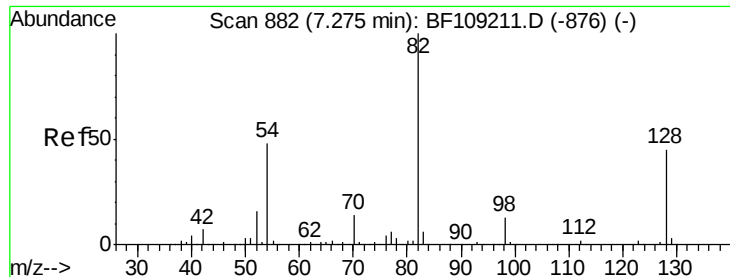
Abundance Ion 105.00 (104.70 to 105.70): E

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

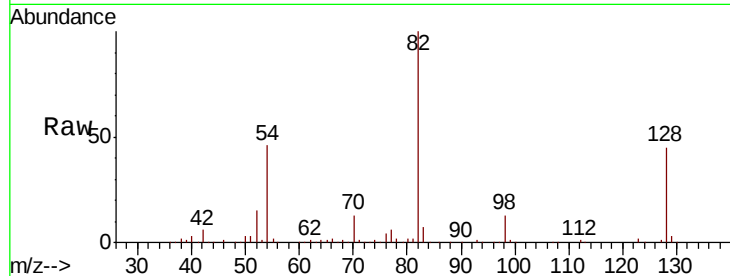




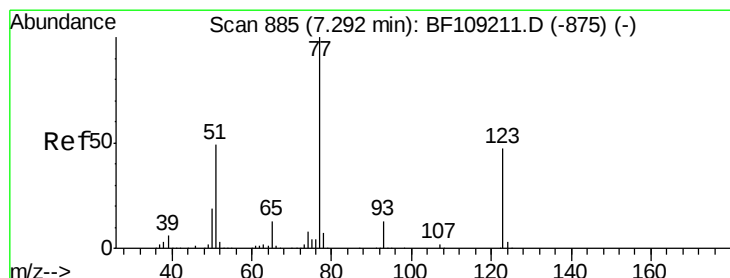
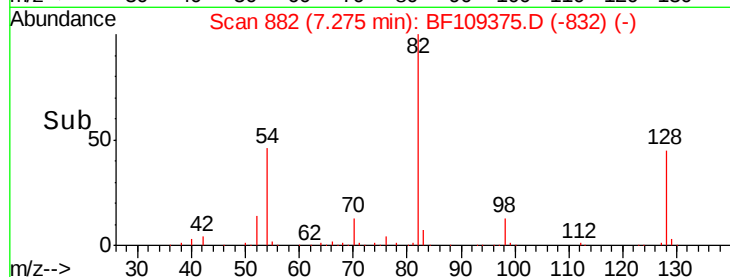
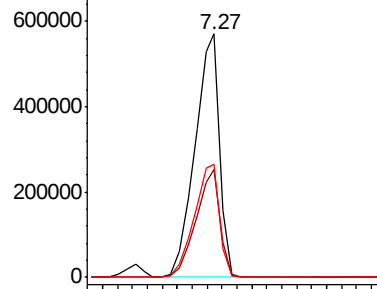
#23
Nitrobenzene-d5
Concen: 91.716 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF109375.D
Acq: 27 Sep 2018 8:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	659468
Ion Ratio	Lower	Upper	
82	100		
128	44.6	36.1	54.1
54	46.3	41.4	62.2

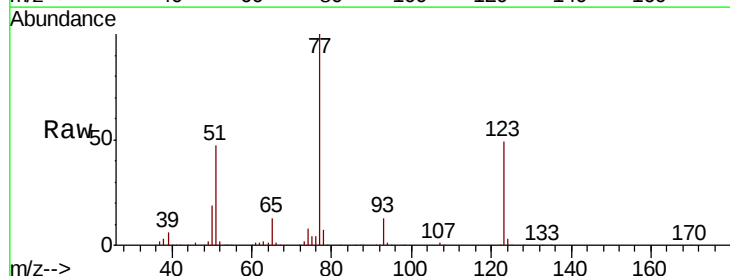


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

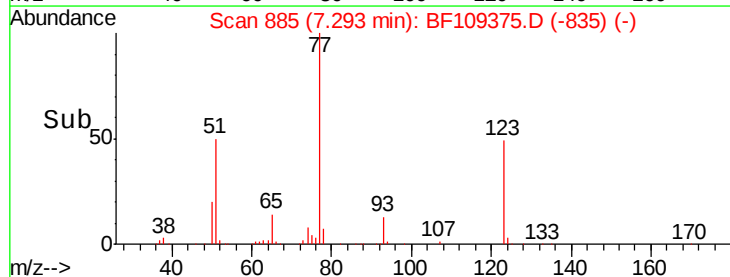
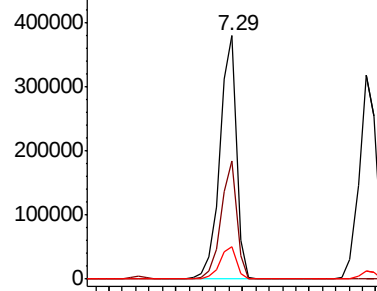


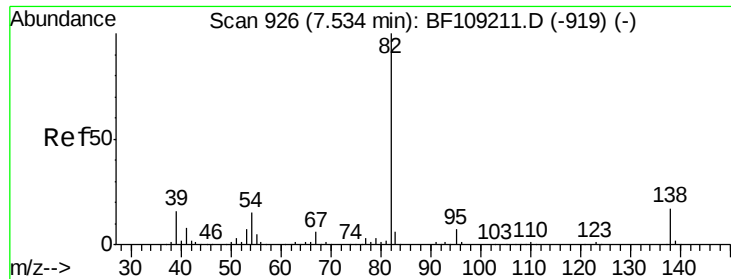
#24
Nitrobenzene
Concen: 42.282 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF109375.D
Acq: 27 Sep 2018 8:53

Tgt Ion	77	Resp	323252
Ion Ratio	Lower	Upper	
77	100		
123	48.7	37.9	56.9
65	13.1	11.0	16.4



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

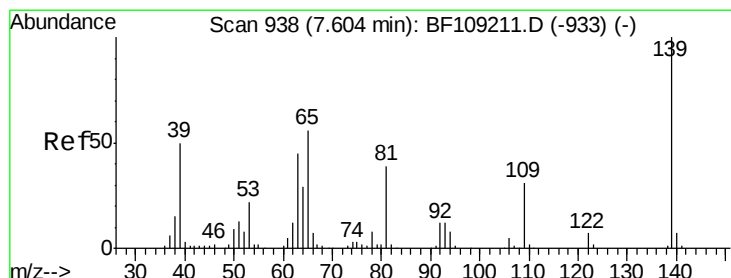
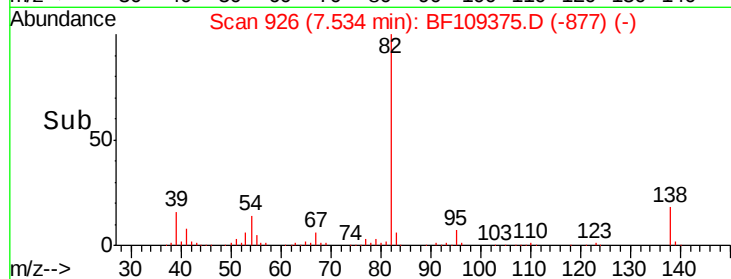
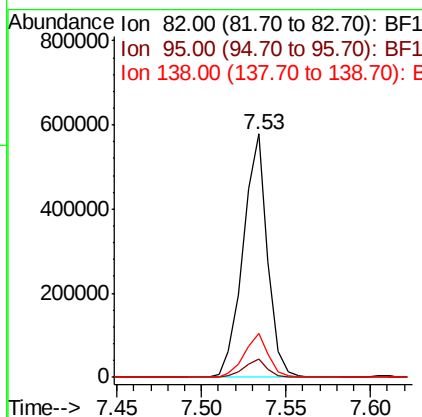
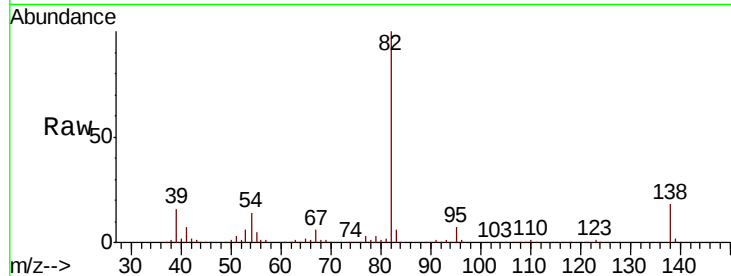




#25
Isophorone
Concen: 45.048 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.01 min
Lab File: BF109375.D
Acq: 27 Sep 2018 8:53

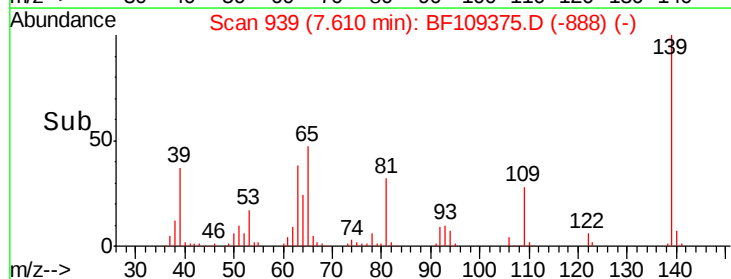
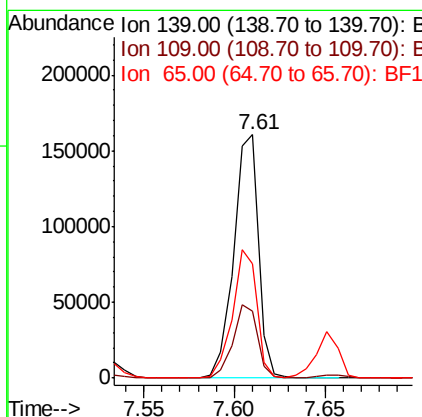
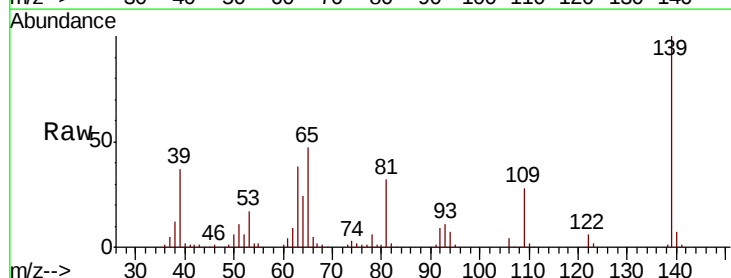
Instrument :
BNA_F
ClientSampleId :

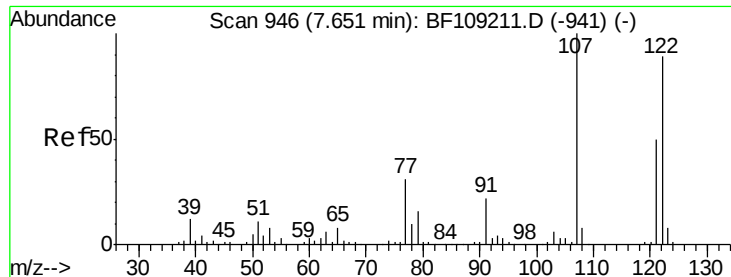
Tot Ion	82	Resp	583273
Ion Ratio	100	Lower	Upper
95	7.3	5.2	7.8
138	18.0	14.9	22.3



#26
2-Nitrophenol
Concen: 50.540 ng
RT: 7.61 min Scan# 939
Delta R.T. 0.00 min
Lab File: BF109375.D
Acq: 27 Sep 2018 8:53

Tgt Ion	139	Resp	152804
Ion Ratio	100	Lower	Upper
109	27.8	22.7	34.1
65	46.9	40.5	60.7

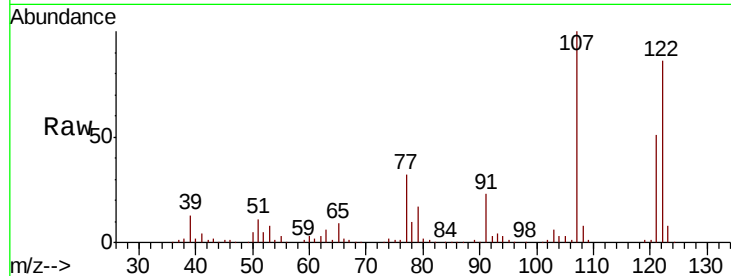




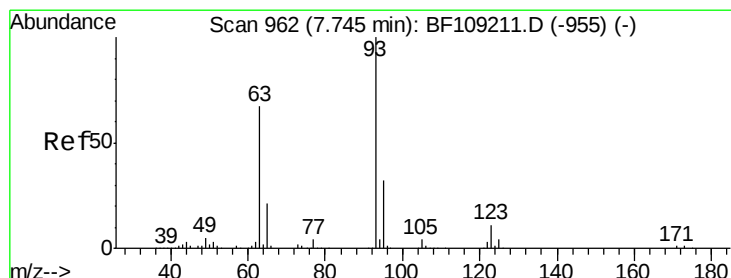
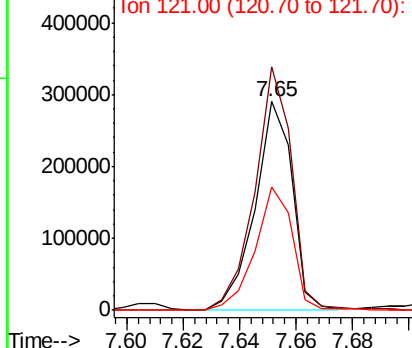
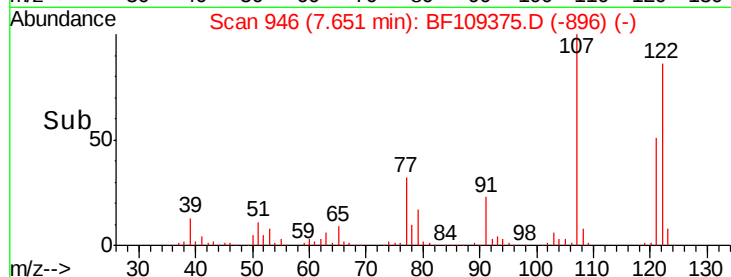
#27
 2,4-Dimethylphenol
 Concen: 47.431 ng
 RT: 7.65 min Scan# 946
 Delta R.T. -0.01 min
 Lab File: BF109375.D
 Acq: 27 Sep 2018 8:53

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:122 Resp: 267594
 Ion Ratio Lower Upper
 122 100
 107 116.5 91.2 136.8
 121 59.3 47.2 70.8

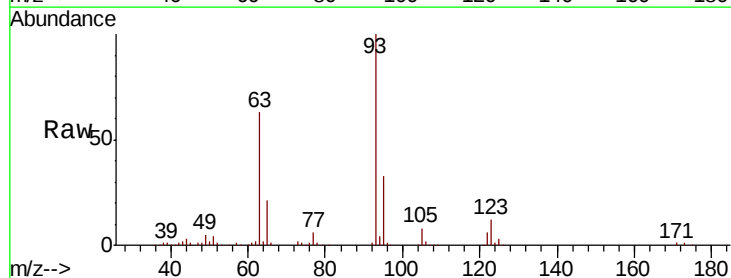


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

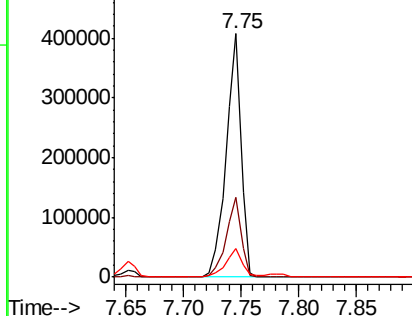
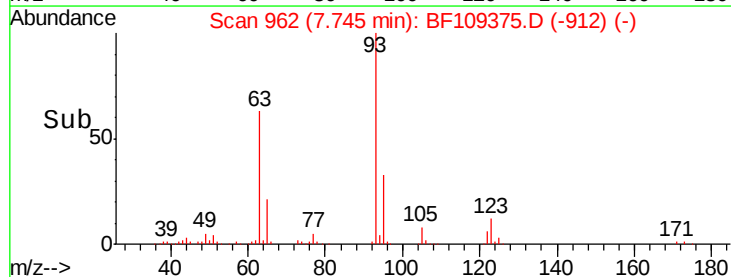


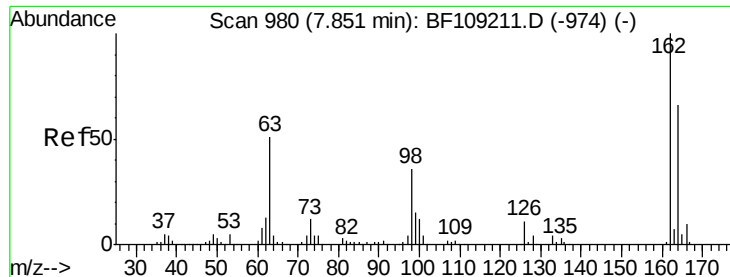
#28
 bis(2-Chloroethoxy)methane
 Concen: 42.718 ng
 RT: 7.75 min Scan# 962
 Delta R.T. -0.01 min
 Lab File: BF109375.D
 Acq: 27 Sep 2018 8:53

Tgt Ion: 93 Resp: 366136
 Ion Ratio Lower Upper
 93 100
 95 32.6 26.3 39.5
 123 11.7 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

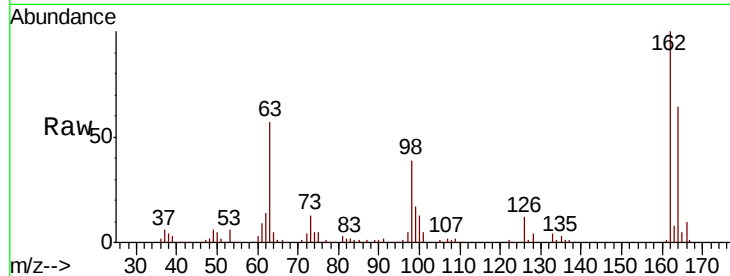




#29
 2,4-Dichlorophenol
 Concen: 43.089 ng
 RT: 7.85 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: BF109375.D
 Acq: 27 Sep 2018 8:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.6	42.7	82.7
98	39.1	18.1	58.1

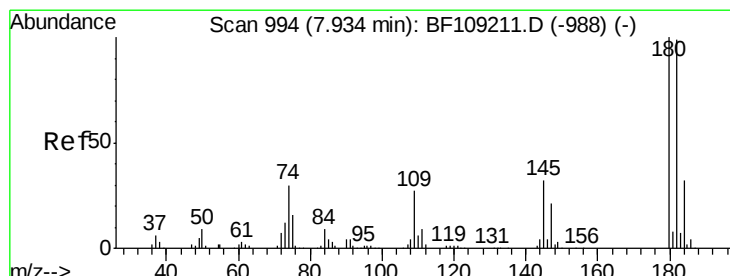
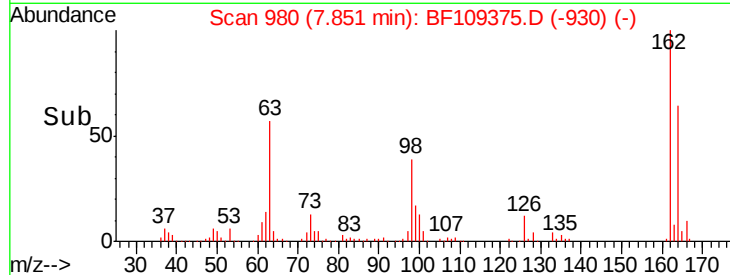
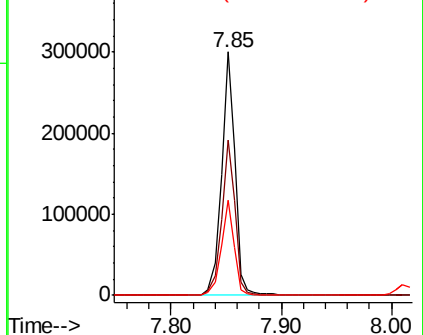


Abundance

Ion 162.00 (161.70 to 162.70): E

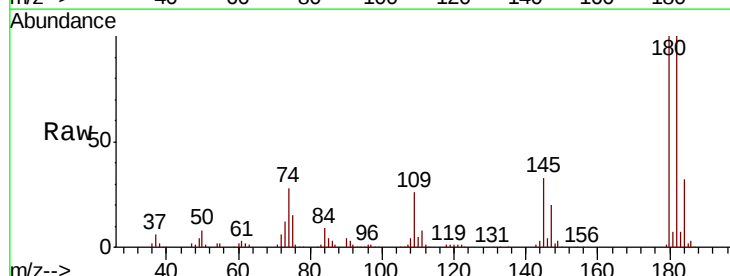
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 39.764 ng
 RT: 7.93 min Scan# 994
 Delta R.T. -0.01 min
 Lab File: BF109375.D
 Acq: 27 Sep 2018 8:53

Tgt Ion	Ratio	Lower	Upper
180	100		
182	100.3	76.8	115.2
145	32.6	26.5	39.7

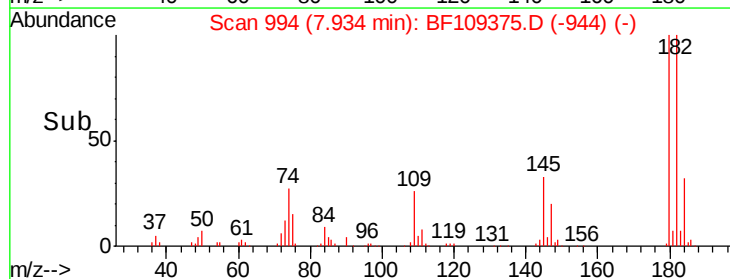
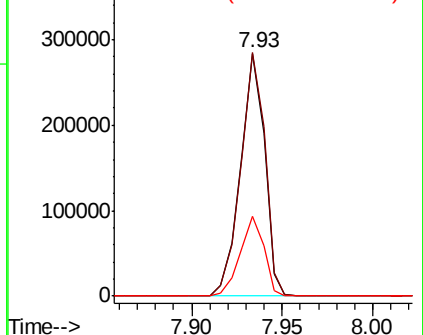


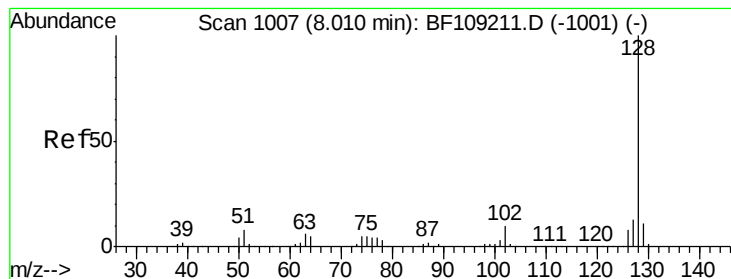
Abundance

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: 43.136 ng

RT: 8.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF109375.D

Acq: 27 Sep 2018 8:53

Instrument :

BNA_F

ClientSampleId :

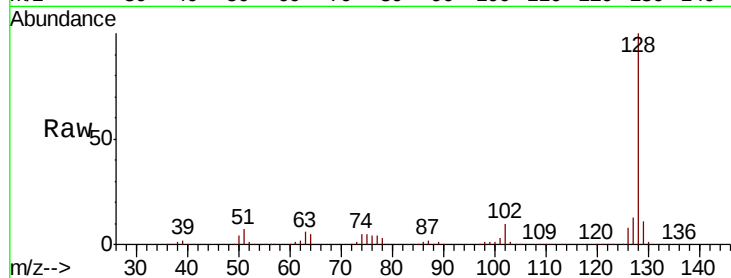
Tot Ion:128 Resp: 855586

Ion Ratio Lower Upper

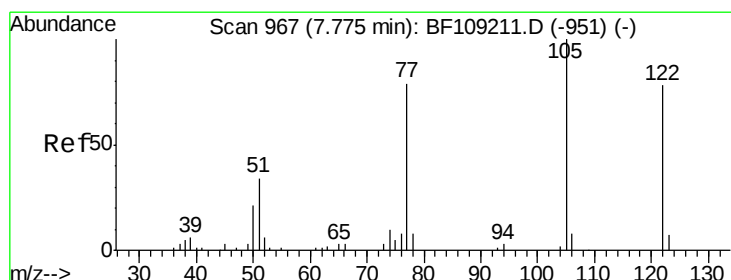
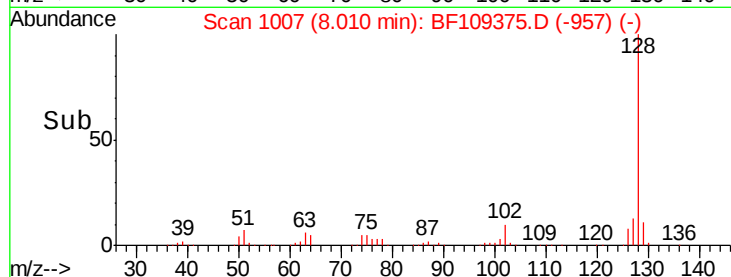
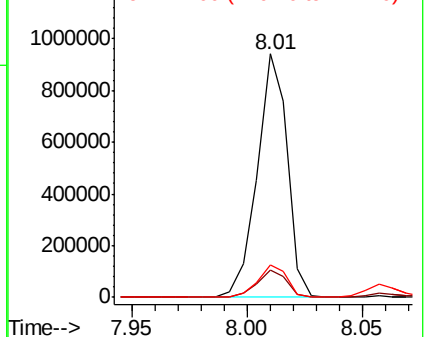
128 100

129 11.2 8.8 13.2

127 13.3 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: 48.088 ng

RT: 7.78 min Scan# 968

Delta R.T. -0.04 min

Lab File: BF109375.D

Acq: 27 Sep 2018 8:53

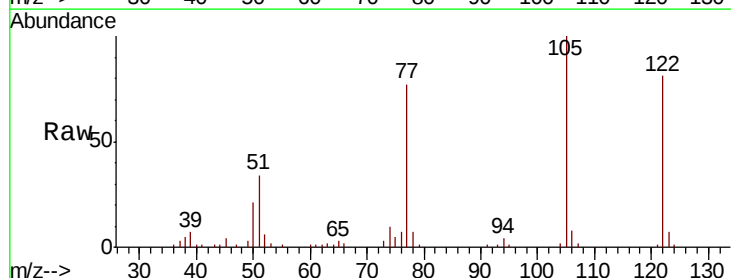
Tgt Ion:122 Resp: 184415

Ion Ratio Lower Upper

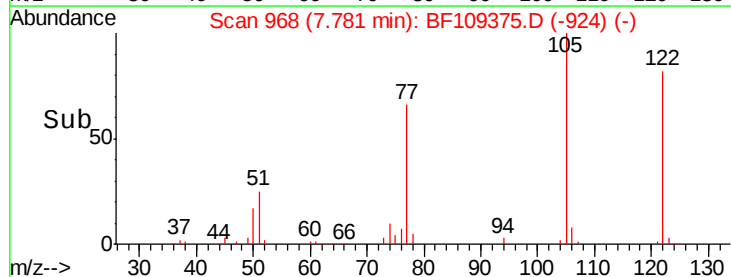
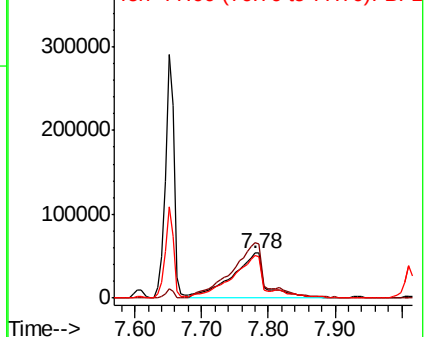
122 100

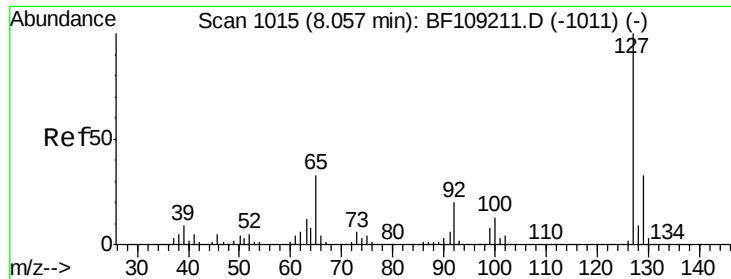
105 123.4 101.1 141.1

77 94.4 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

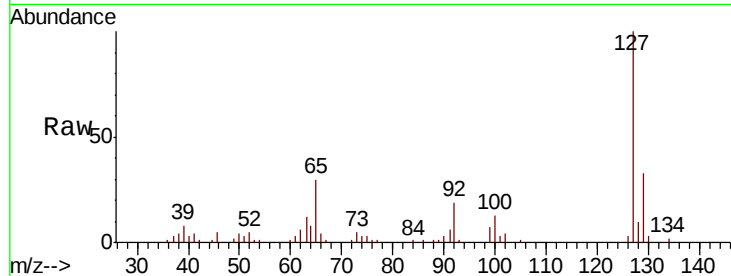




#33
4-Chloroaniline
Concen: 6.998 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF109375.D
Acq: 27 Sep 2018 8:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127	Resp:	60640
Ion Ratio	Lower	Upper
127	100	
129	32.6	25.9 38.9
65	30.4	25.0 37.4
92	19.3	15.2 22.8



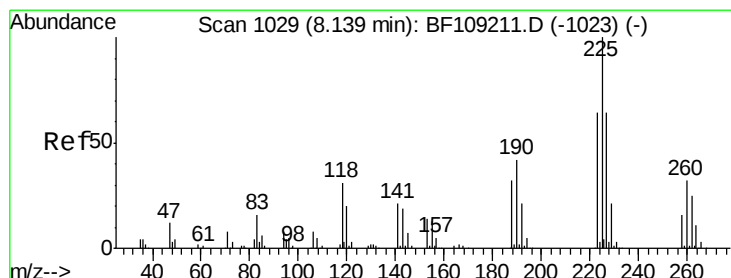
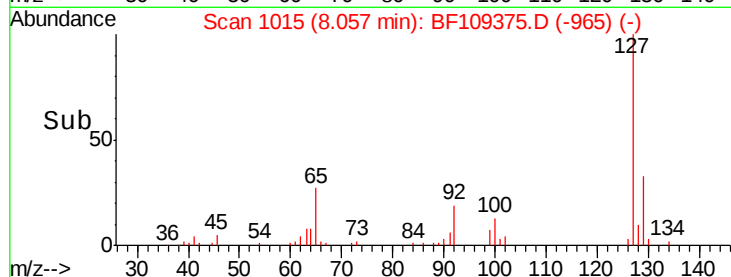
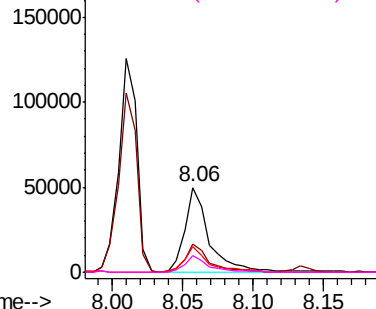
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

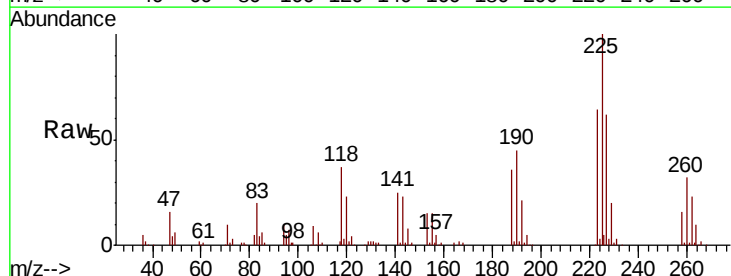
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 39.731 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF109375.D
Acq: 27 Sep 2018 8:53

Tgt Ion:225	Resp:	158643
Ion Ratio	Lower	Upper
225	100	
223	64.1	50.6 76.0
227	62.0	51.9 77.9

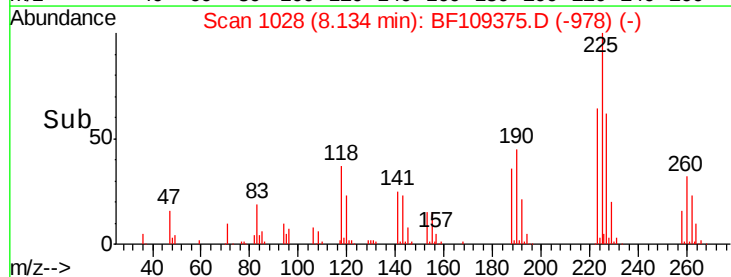
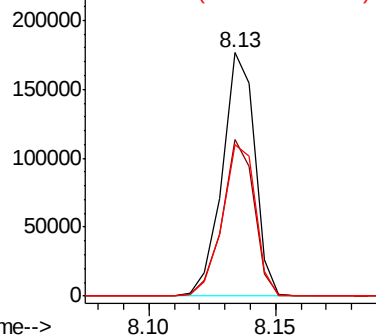


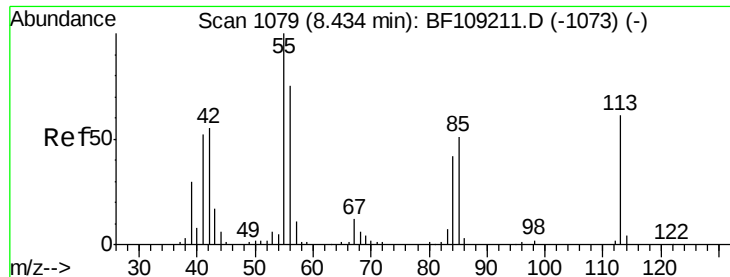
Abundance

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

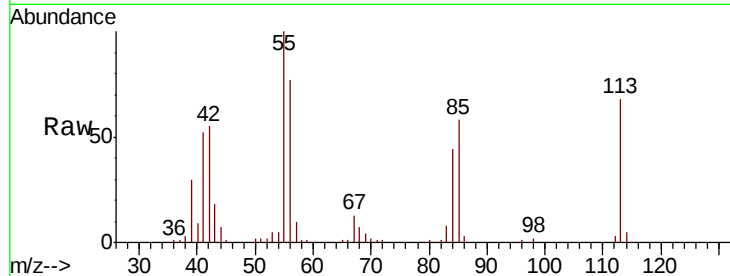




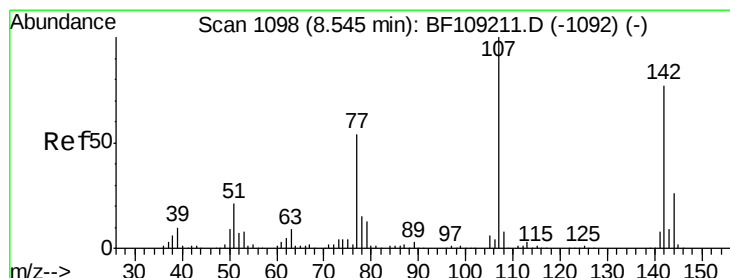
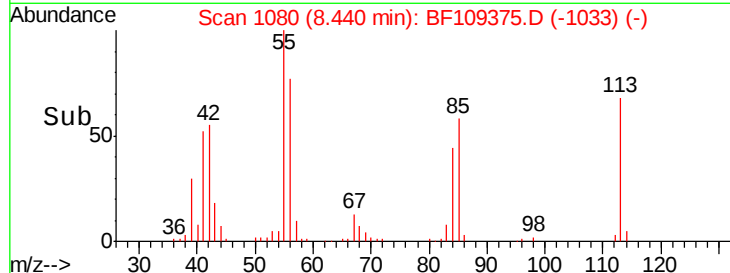
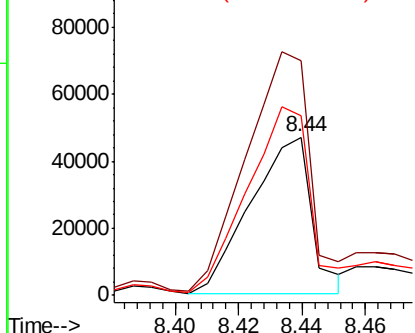
#35
 Caprolactam
 Concen: 33.097 ng
 RT: 8.44 min Scan# 1080
 Delta R.T. -0.02 min
 Lab File: BF109375.D
 Acq: 27 Sep 2018 8:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 62635
 Ion Ratio Lower Upper
 113 100
 55 148.1 163.3 203.3#
 56 113.5 115.7 155.7#

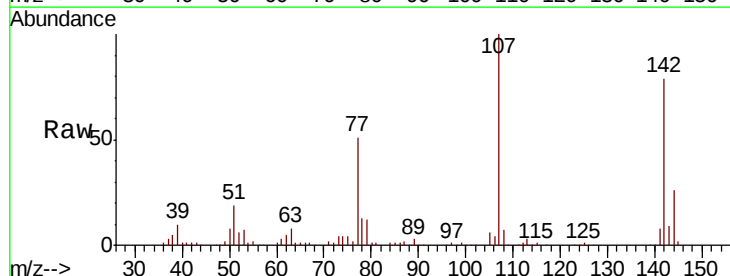


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

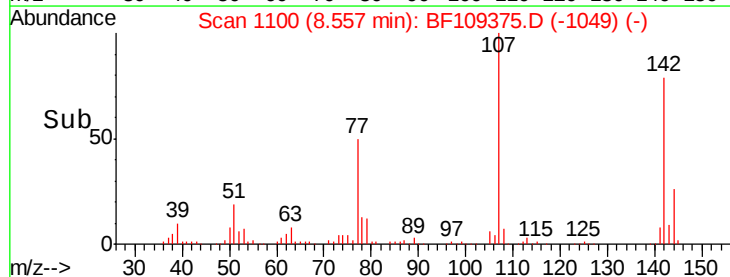
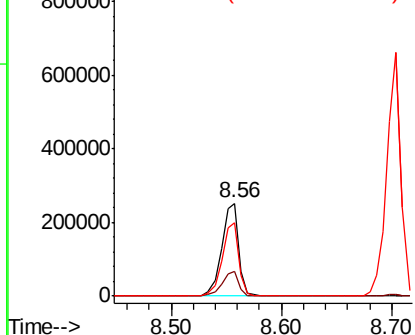


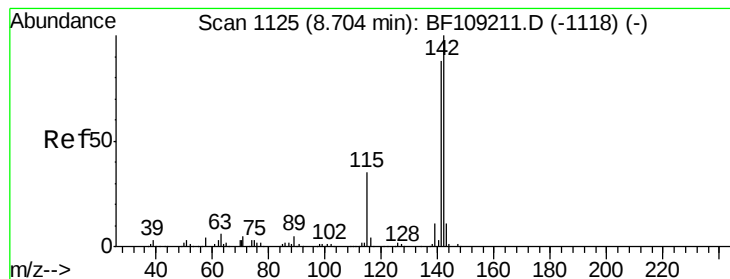
#36
 4-Chloro-3-methylphenol
 Concen: 43.365 ng
 RT: 8.56 min Scan# 1100
 Delta R.T. 0.00 min
 Lab File: BF109375.D
 Acq: 27 Sep 2018 8:53

Tgt Ion:107 Resp: 270486
 Ion Ratio Lower Upper
 107 100
 144 26.4 20.5 30.7
 142 78.9 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: 45.258 ng

RT: 8.70 min Scan# 1125

Delta R.T. 0.00 min

Lab File: BF109375.D

Acq: 27 Sep 2018 8:53

Instrument :

BNA_F

ClientSampleId :

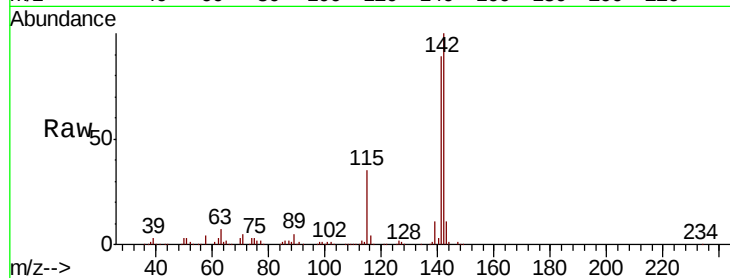
Tot Ion:142 Resp: 578693

Ion Ratio Lower Upper

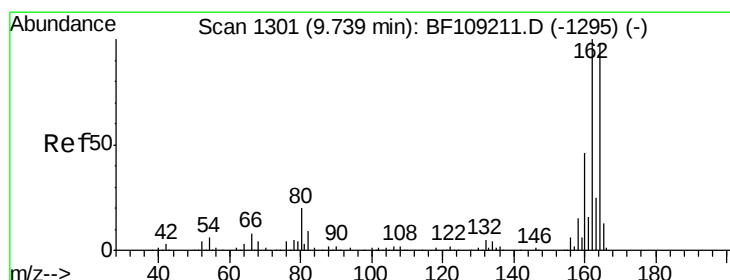
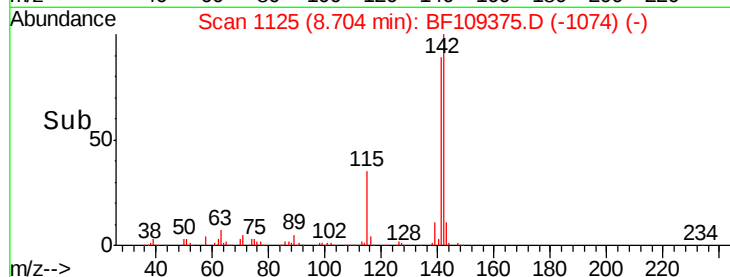
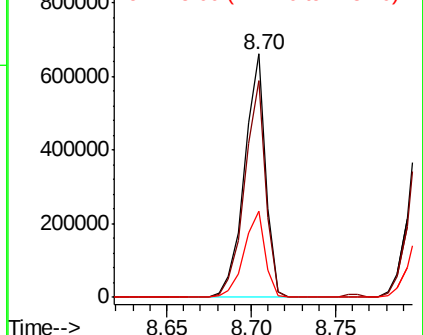
142 100

141 89.3 70.8 106.2

115 35.3 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: 9.74 min Scan# 1301

Delta R.T. 0.00 min

Lab File: BF109375.D

Acq: 27 Sep 2018 8:53

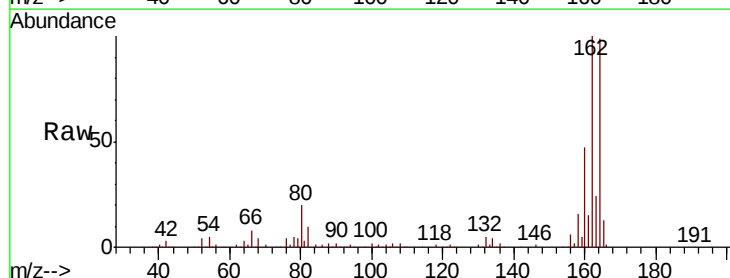
Tgt Ion:164 Resp: 197292

Ion Ratio Lower Upper

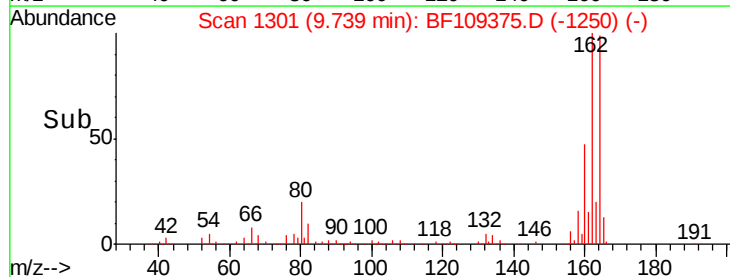
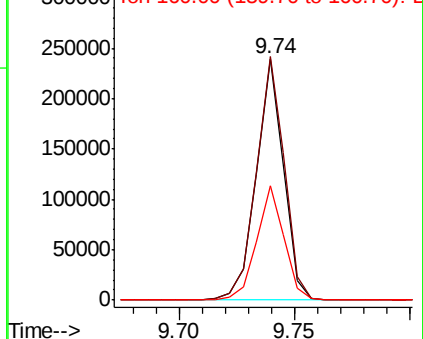
164 100

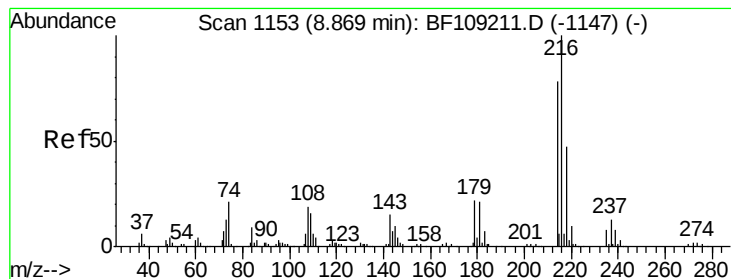
162 100.9 86.1 129.1

160 47.5 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

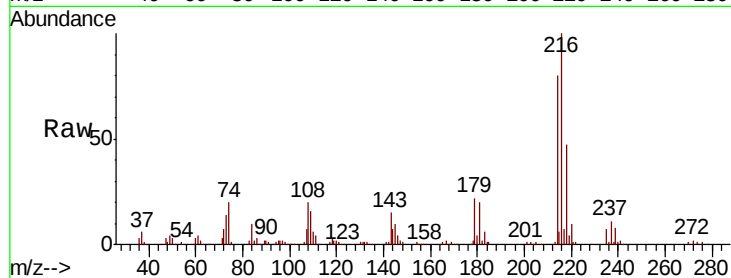




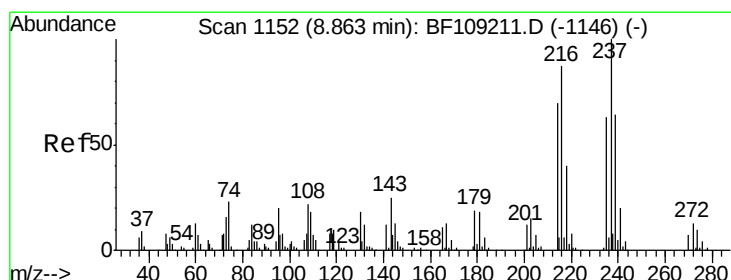
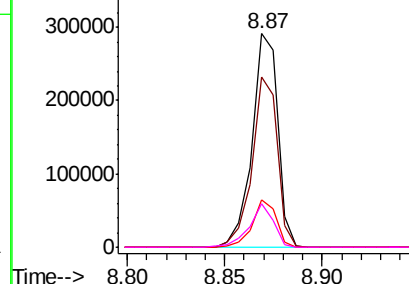
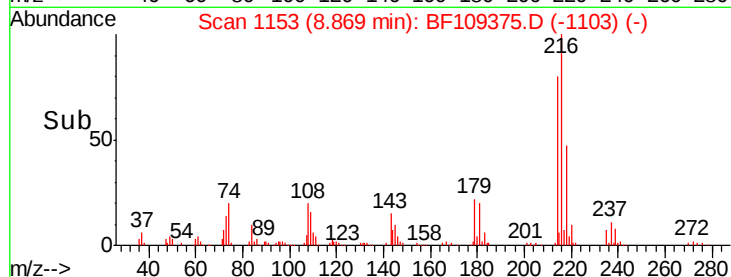
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.368 ng
 RT: 8.87 min Scan# 1153
 Delta R.T. -0.01 min
 Lab File: BF109375.D
 Acq: 27 Sep 2018 8:53

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:	216	Resp:	266022
Ion	Ratio	Lower	Upper
216	100		
214	78.5	63.0	94.4
179	20.7	18.1	27.1
108	19.3	17.2	25.8

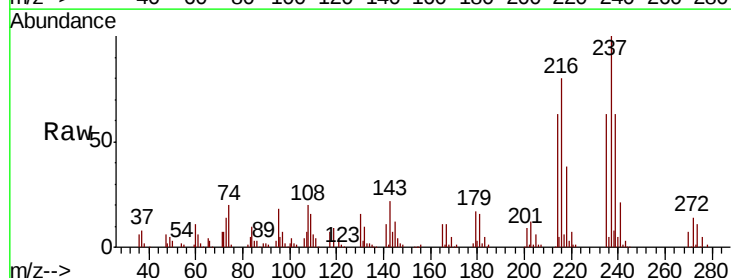


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

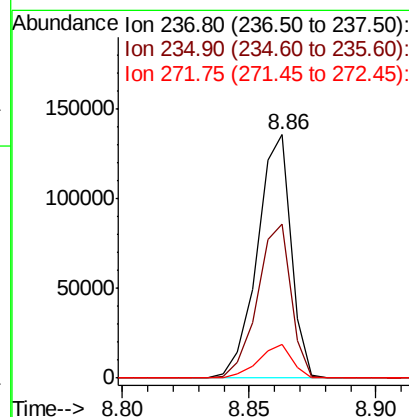
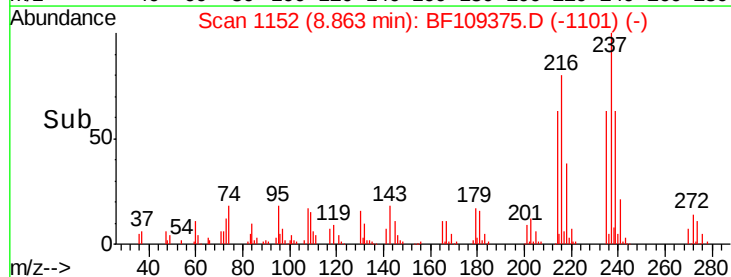


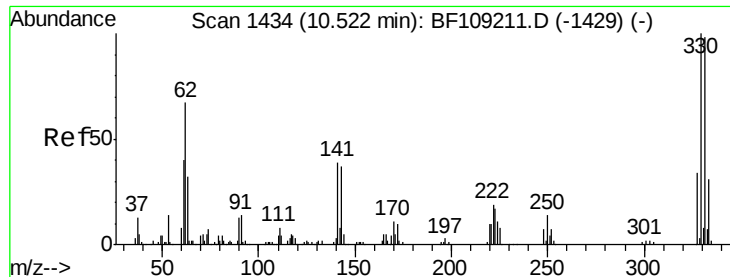
#40
 Hexachlorocyclopentadiene
 Concen: 46.024 ng
 RT: 8.86 min Scan# 1152
 Delta R.T. 0.00 min
 Lab File: BF109375.D
 Acq: 27 Sep 2018 8:53

Tgt Ion:	237	Resp:	126044
Ion	Ratio	Lower	Upper
237	100		
235	63.2	44.8	84.8
272	13.8	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

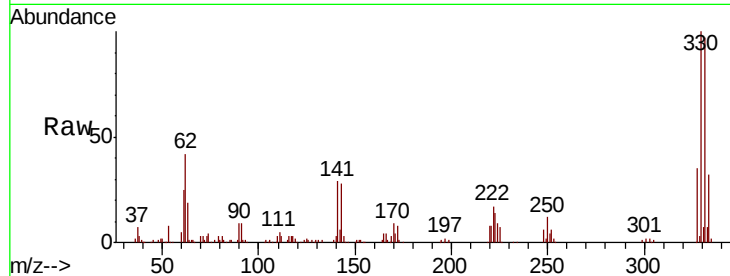




#41
 2,4,6-Tribromophenol
 Concen: 86.887 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. -0.01 min
 Lab File: BF109375.D
 Acq: 27 Sep 2018 8:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.0	115.6
141	33.6	29.9	44.9

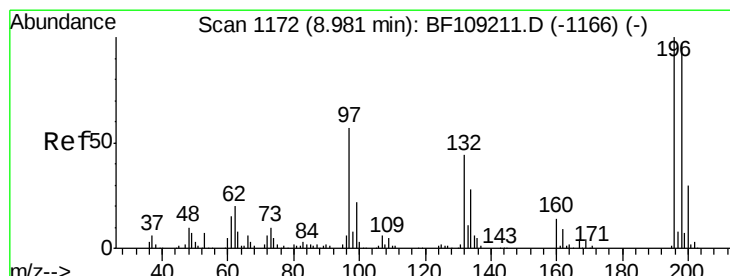
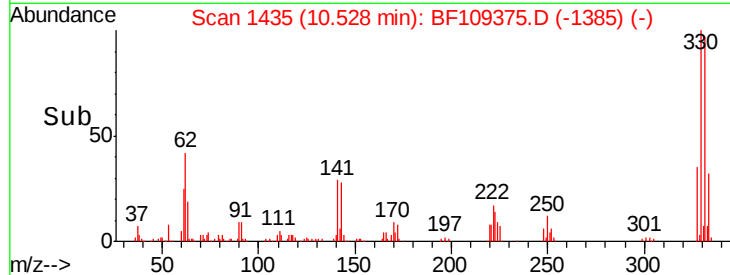
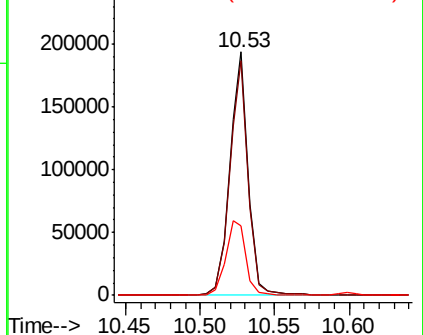


Abundance

Ion 329.80 (329.50 to 330.50): E

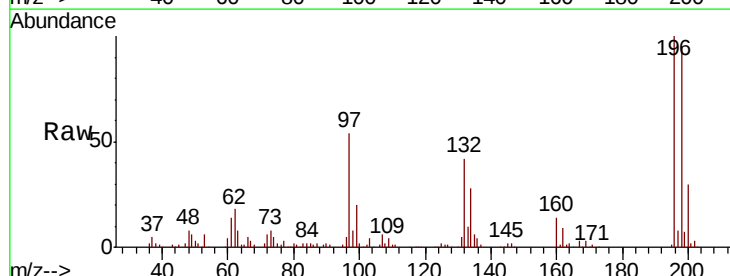
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 44.908 ng
 RT: 8.99 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: BF109375.D
 Acq: 27 Sep 2018 8:53

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.5	75.7	113.5
200	30.4	24.5	36.7

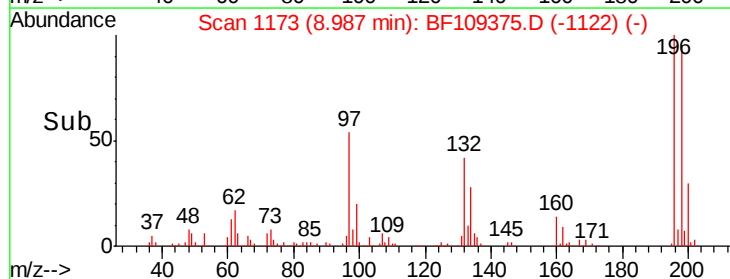
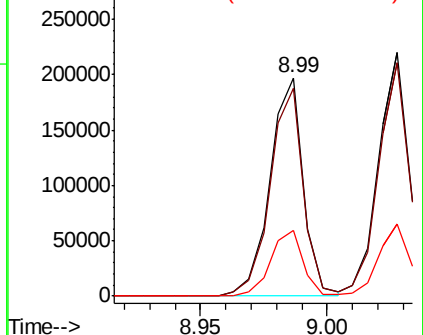


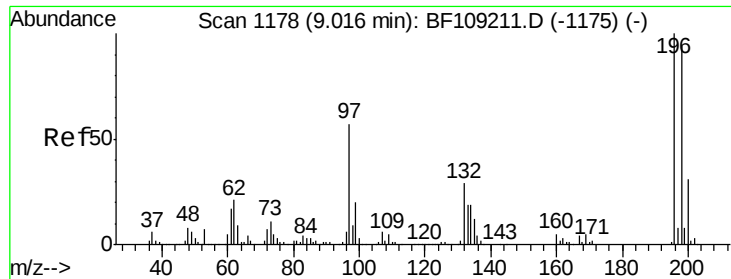
Abundance

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

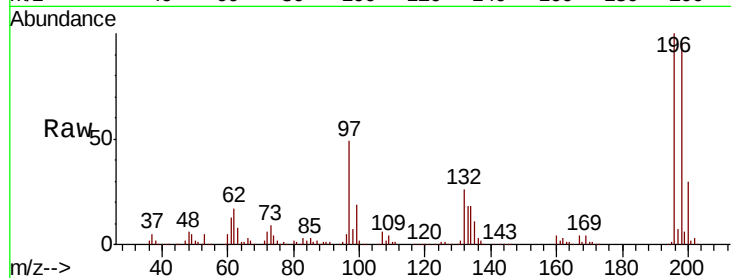




#43
 2,4,5-Trichlorophenol
 Concen: 44.710 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: BF109375.D
 Acq: 27 Sep 2018 8:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.7	74.6	112.0
97	48.9	42.9	64.3
132	26.2	26.3	39.5



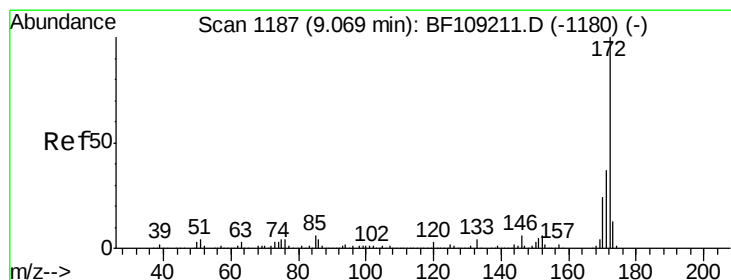
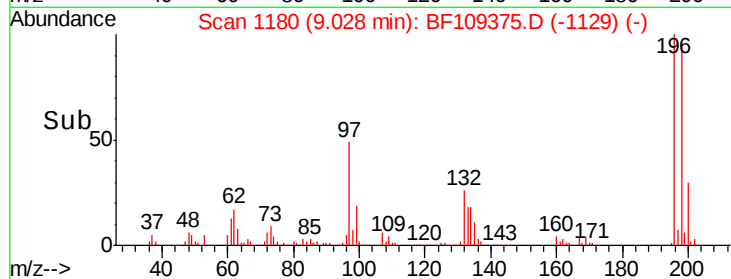
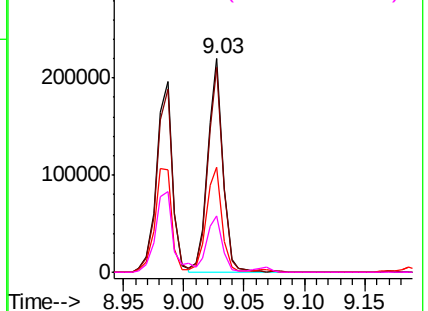
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

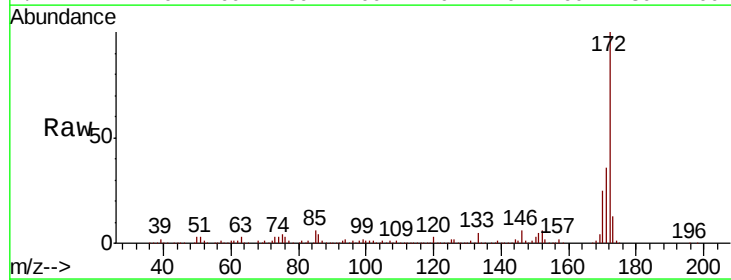
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 89.111 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF109375.D
 Acq: 27 Sep 2018 8:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.5	19.6	29.4

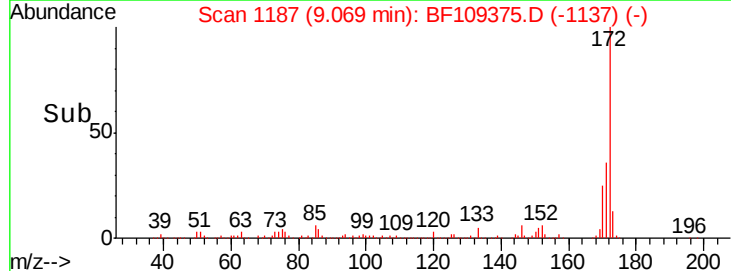
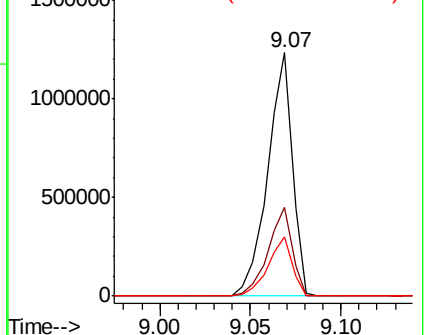


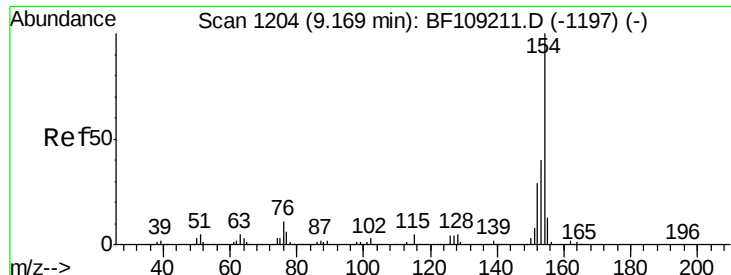
Abundance

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

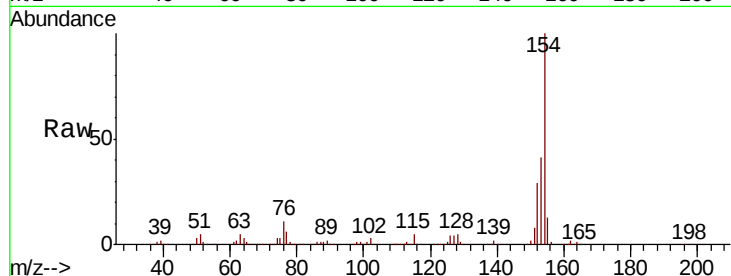




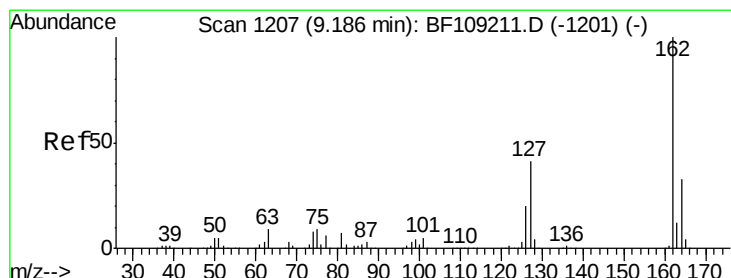
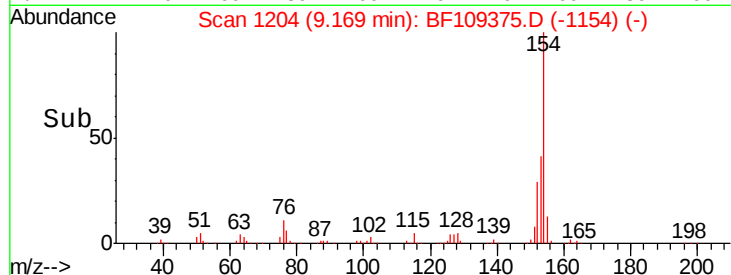
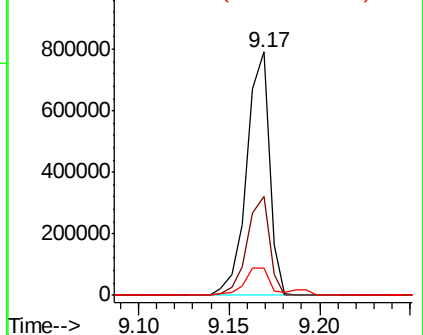
#45
 1,1'-Biphenyl
 Concen: 42.969 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF109375.D
 Acq: 27 Sep 2018 8:53

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:154 Resp: 690713
 Ion Ratio Lower Upper
 154 100
 153 40.7 21.3 61.3
 76 11.4 0.0 34.0

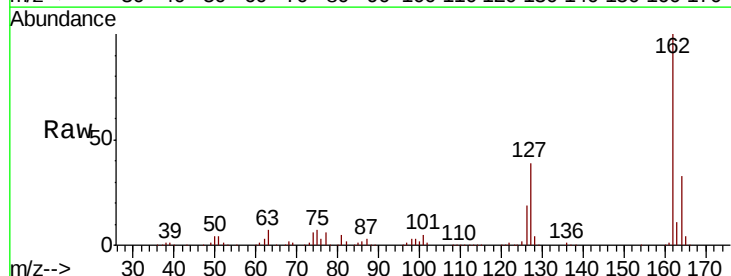


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

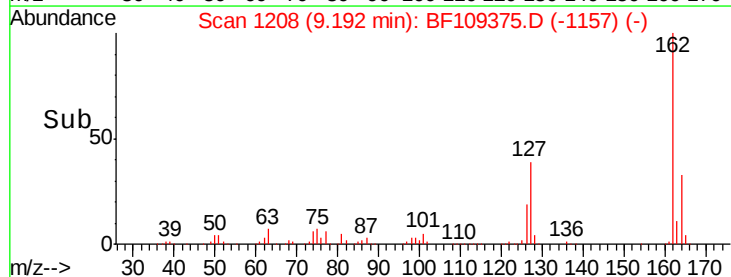
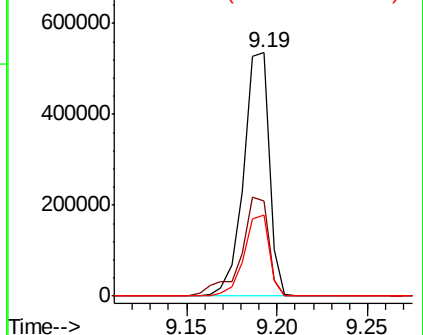


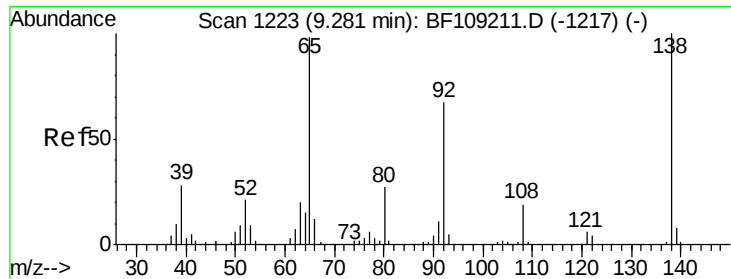
#46
 2-Chloronaphthalene
 Concen: 40.959 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. 0.00 min
 Lab File: BF109375.D
 Acq: 27 Sep 2018 8:53

Tgt Ion:162 Resp: 525988
 Ion Ratio Lower Upper
 162 100
 127 38.9 33.9 50.9
 164 33.1 26.5 39.7



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

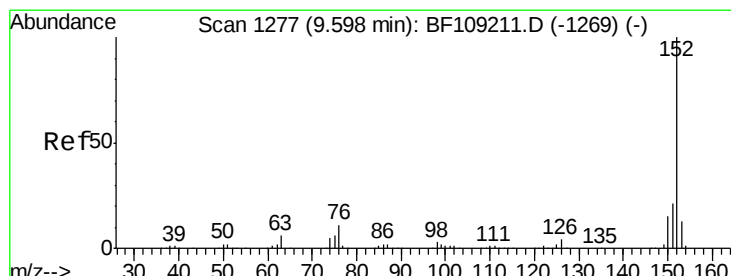
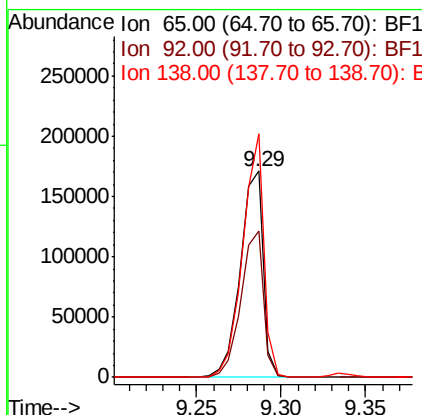
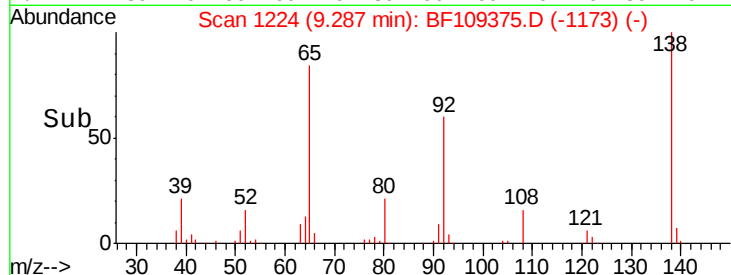
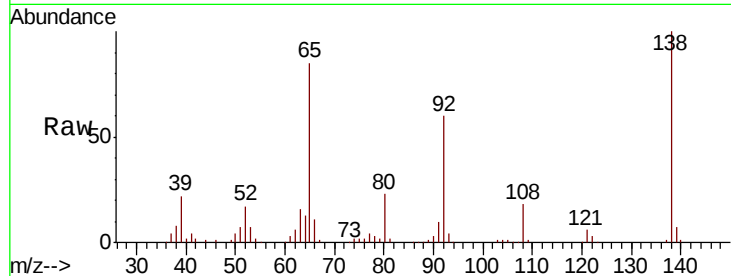




#47
 2-Nitroaniline
 Concen: 44.448 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: BF109375.D
 Acq: 27 Sep 2018 8:53

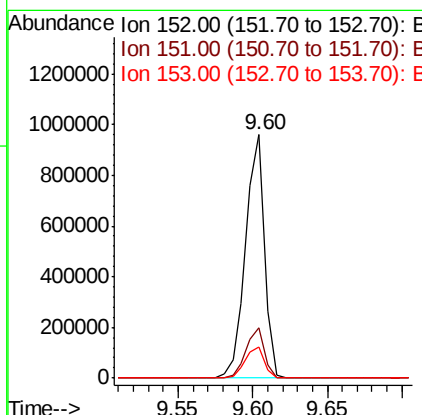
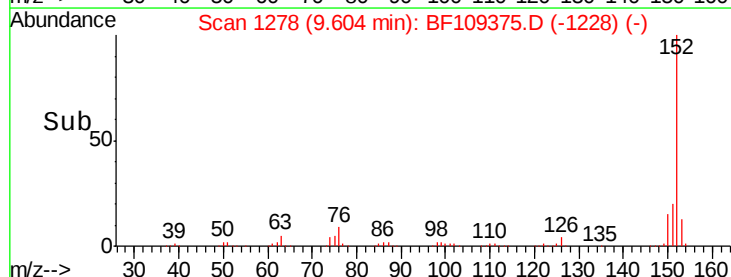
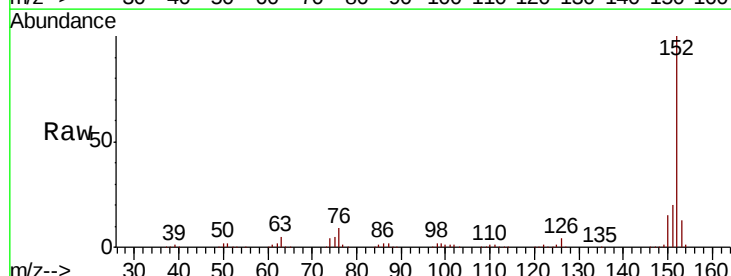
Instrument :
 BNA_F
 ClientSampled :

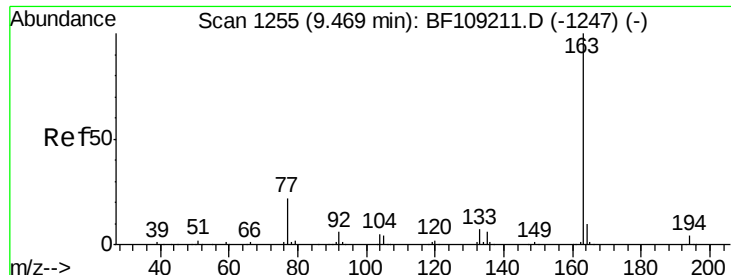
Tot Ion: 65 Resp: 161829
 Ion Ratio Lower Upper
 65 100
 92 71.1 55.8 83.6
 138 118.1 91.2 136.8



#48
 Acenaphthylene
 Concen: 43.404 ng
 RT: 9.60 min Scan# 1278
 Delta R.T. -0.01 min
 Lab File: BF109375.D
 Acq: 27 Sep 2018 8:53

Tgt Ion: 152 Resp: 840852
 Ion Ratio Lower Upper
 152 100
 151 20.5 16.3 24.5
 153 13.0 10.7 16.1

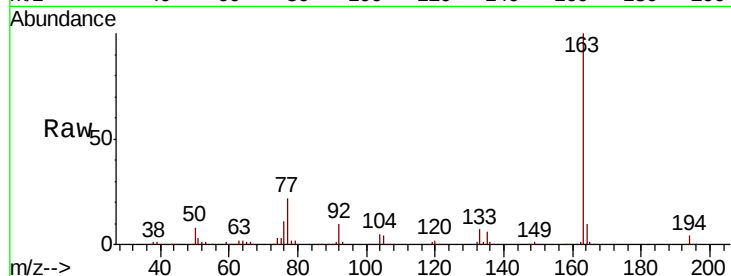




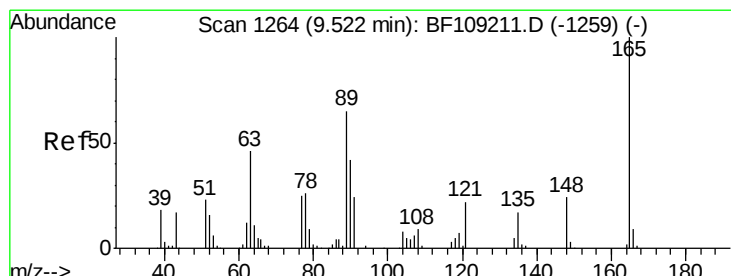
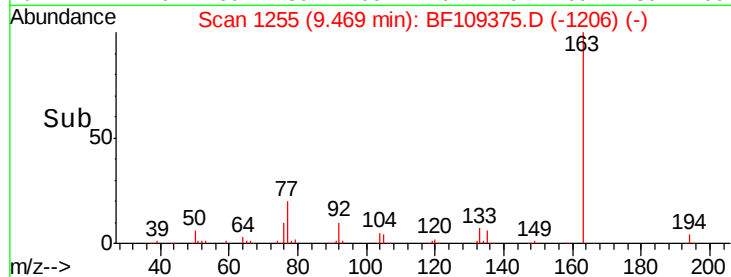
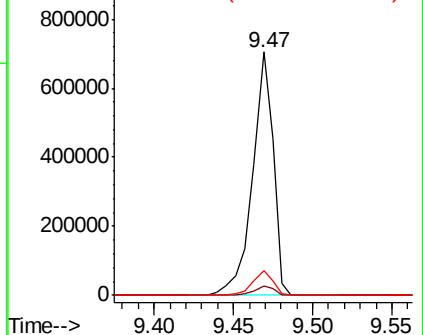
#49
Dimethylphthalate
Concen: 44.429 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BF109375.D
Acq: 27 Sep 2018 8:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.7	4.1
164	10.1	8.2	12.2

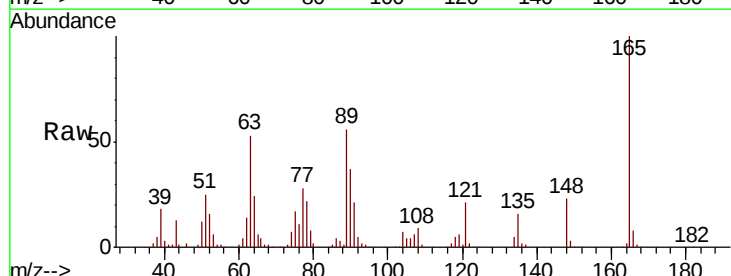


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

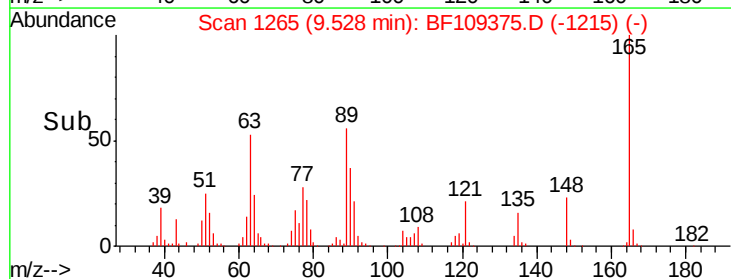
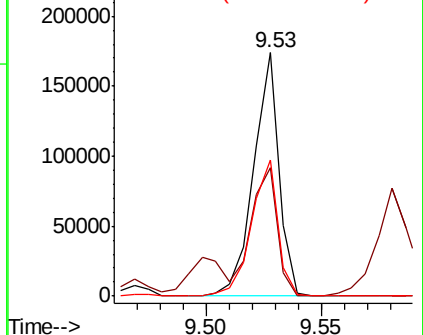


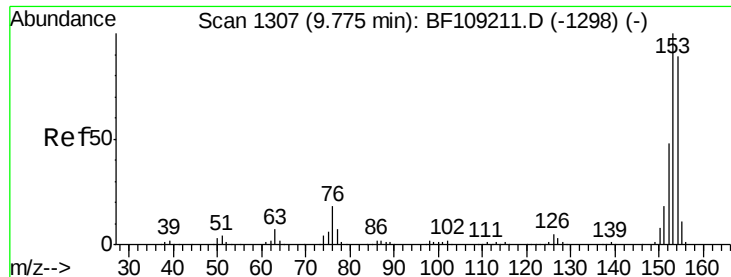
#50
2,6-Dinitrotoluene
Concen: 47.202 ng
RT: 9.53 min Scan# 1265
Delta R.T. -0.01 min
Lab File: BF109375.D
Acq: 27 Sep 2018 8:53

Tgt Ion	Ratio	Lower	Upper
165	100		
63	52.8	44.7	67.1
89	55.8	44.0	66.0



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

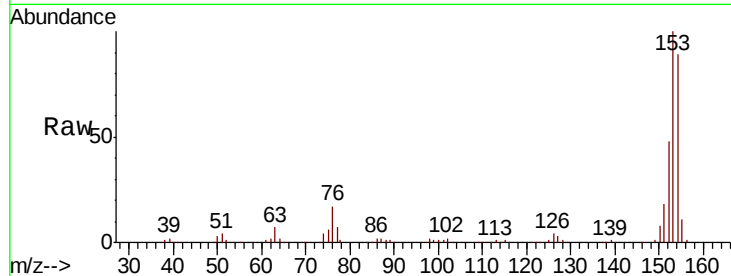




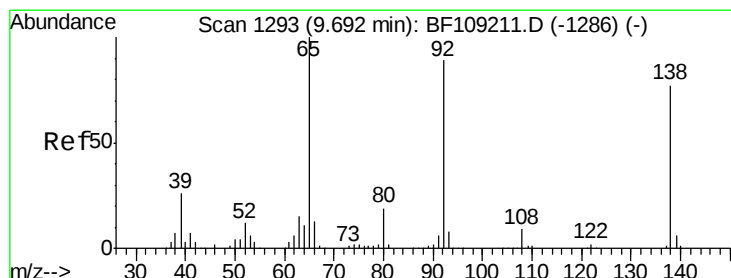
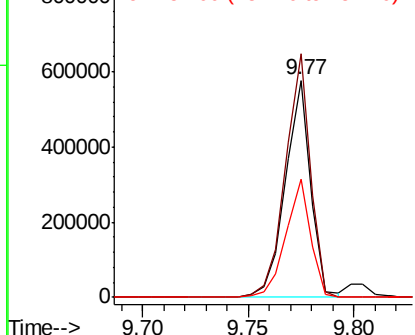
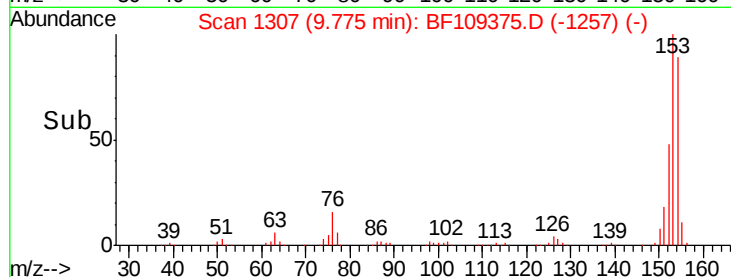
#51
Acenaphthene
Concen: 41.172 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BF109375.D
Acq: 27 Sep 2018 8:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:154 Resp: 482231
Ion Ratio Lower Upper
154 100
153 112.3 91.2 136.8
152 54.4 43.8 65.8

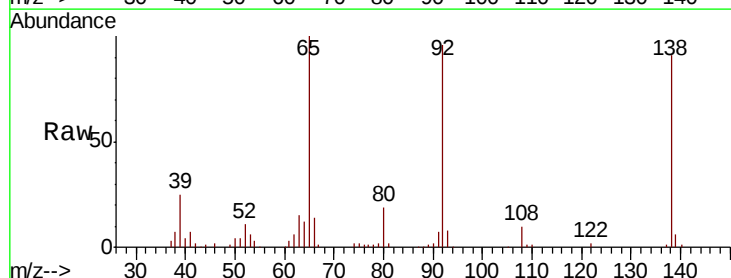


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

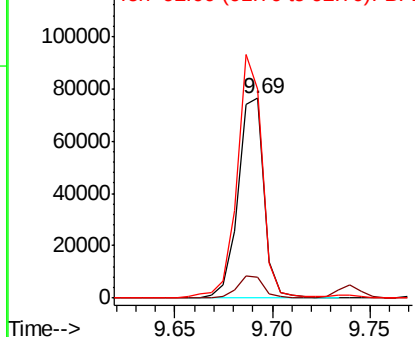
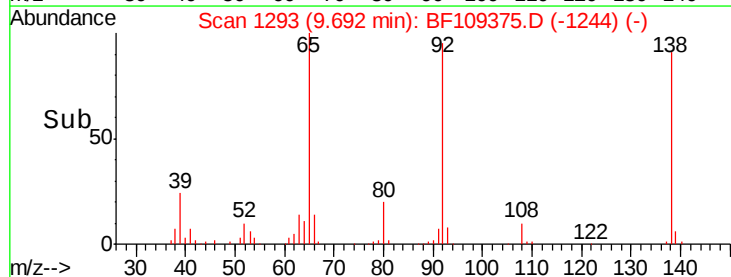


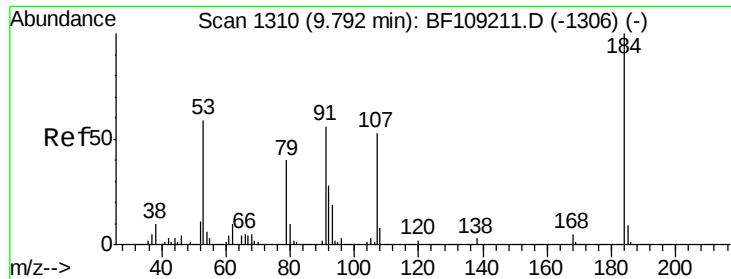
#52
3-Nitroaniline
Concen: 21.458 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF109375.D
Acq: 27 Sep 2018 8:53

Tgt Ion:138 Resp: 70624
Ion Ratio Lower Upper
138 100
108 10.8 9.4 14.0
92 105.0 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

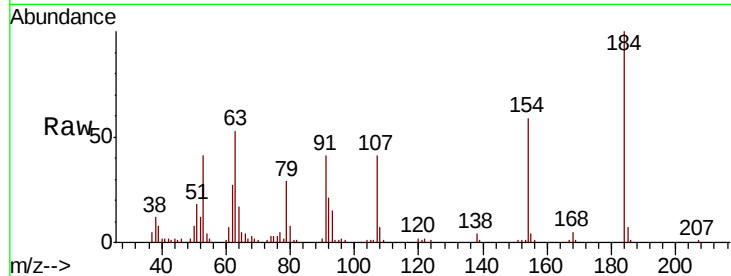




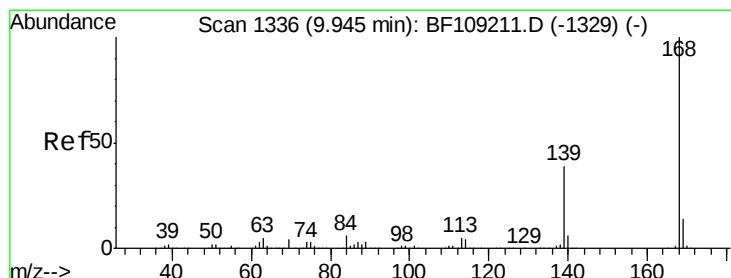
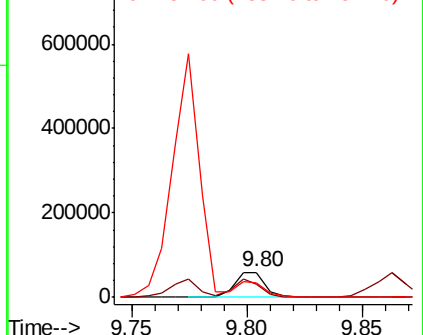
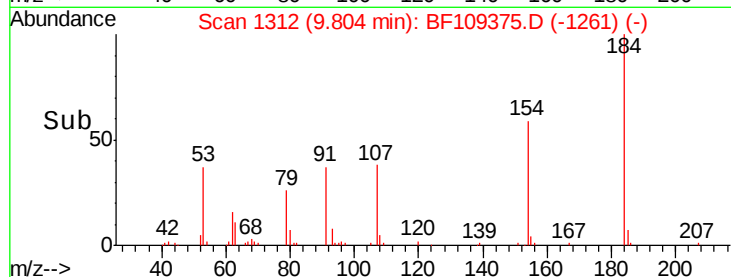
#53
2,4-Dinitrophenol
Concen: 58.321 ng
RT: 9.80 min Scan# 1312
Delta R.T. 0.00 min
Lab File: BF109375.D
Acq: 27 Sep 2018 8:53

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 56177
Ion Ratio Lower Upper
184 100
63 53.5 54.2 81.2#
154 59.2 184.0 276.0#

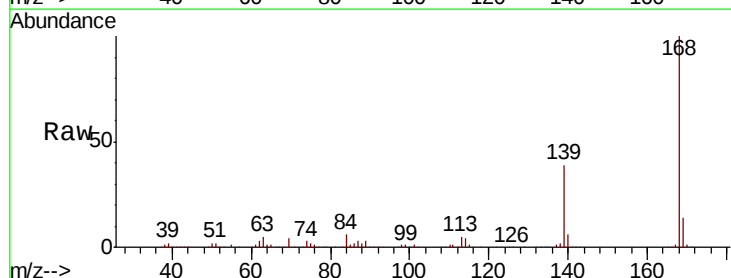


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

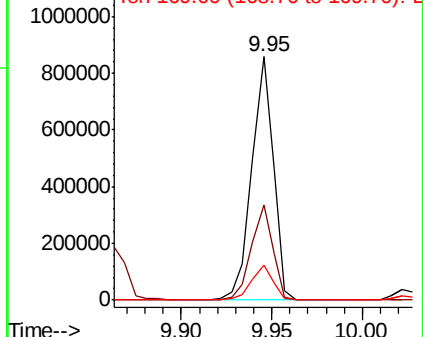
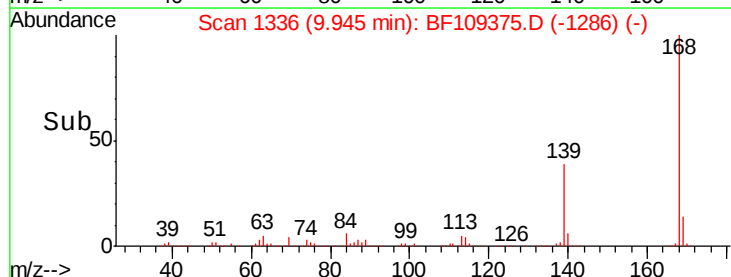


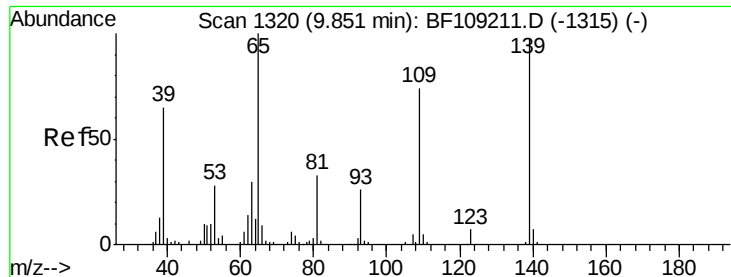
#54
Dibenzofuran
Concen: 40.827 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF109375.D
Acq: 27 Sep 2018 8:53

Tgt Ion:168 Resp: 711161
Ion Ratio Lower Upper
168 100
139 39.2 30.1 45.1
169 14.4 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

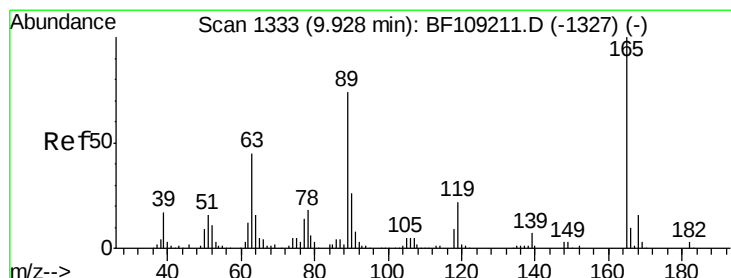
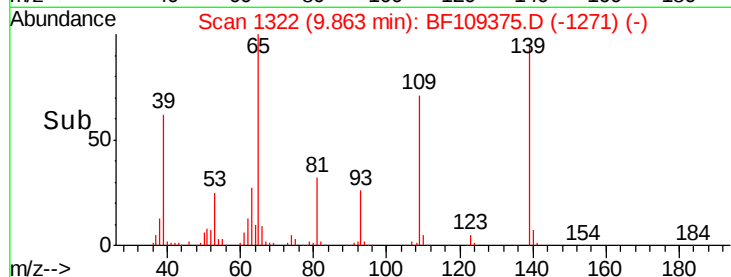
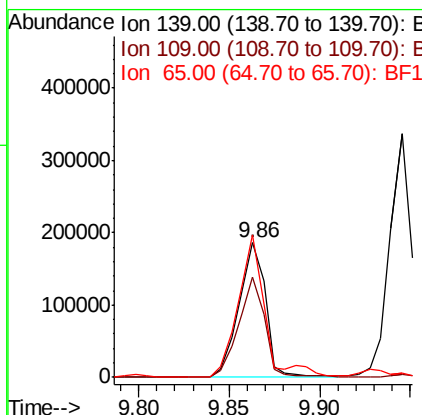
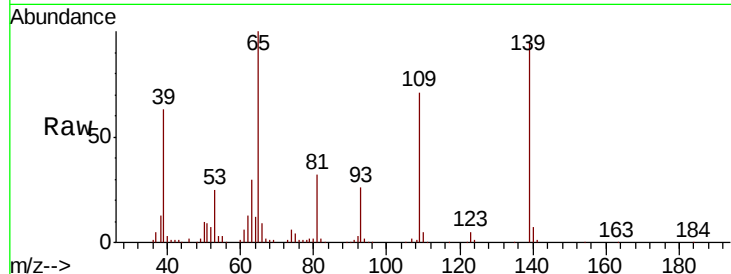




#55
4-Nitrophenol
Concen: 77.098 ng
RT: 9.86 min Scan# 1322
Delta R.T. 0.00 min
Lab File: BF109375.D
Acq: 27 Sep 2018 8:53

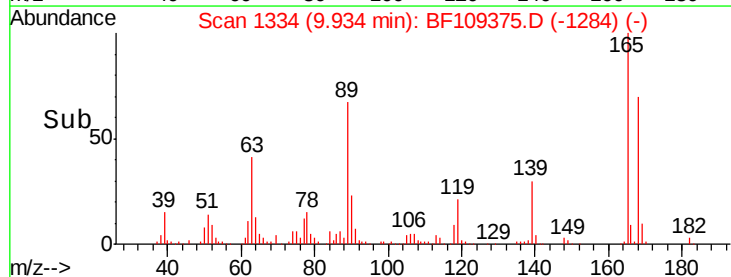
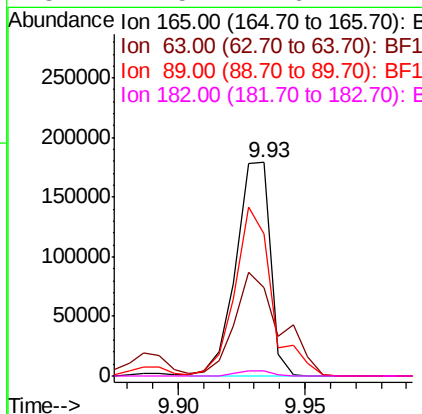
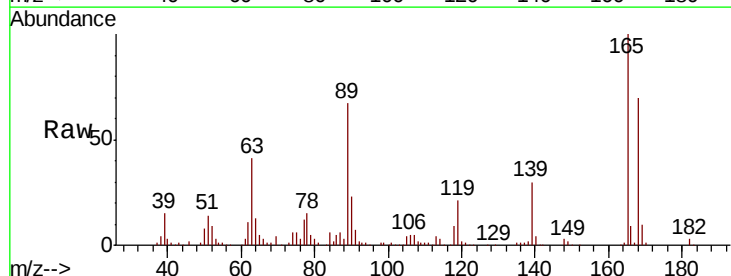
Instrument :
BNA_F
ClientSampled :

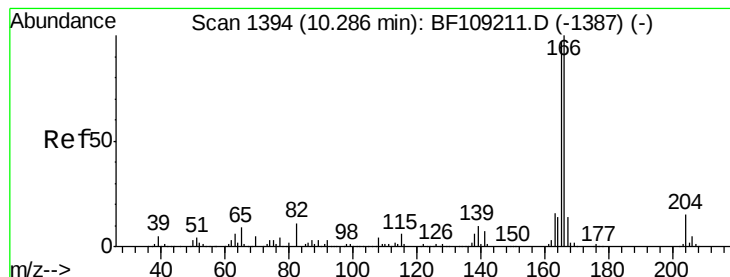
Tot Ion:139 Resp: 191152
Ion Ratio Lower Upper
139 100
109 74.7 48.4 88.4
65 105.5 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 46.975 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BF109375.D
Acq: 27 Sep 2018 8:53

Tgt Ion:165 Resp: 168921
Ion Ratio Lower Upper
165 100
63 41.1 36.4 54.6
89 66.8 57.8 86.6
182 2.5 1.6 2.4#





#57

Fluorene

Concen: 41.681 ng

RT: 10.29 min Scan# 1394

Delta R.T. -0.01 min

Lab File: BF109375.D

Acq: 27 Sep 2018 8:53

Instrument :

BNA_F

ClientSampleId :

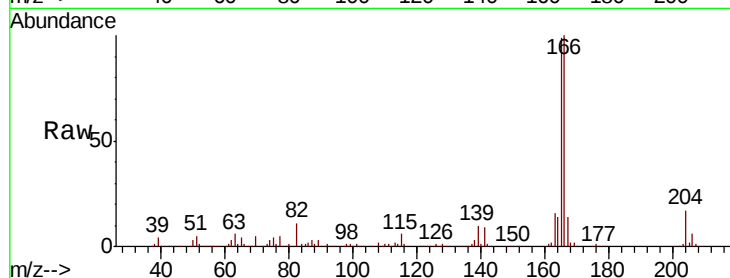
Tot Ion:166 Resp: 518022

Ion Ratio Lower Upper

166 100

165 99.0 79.8 119.8

167 13.7 10.6 16.0

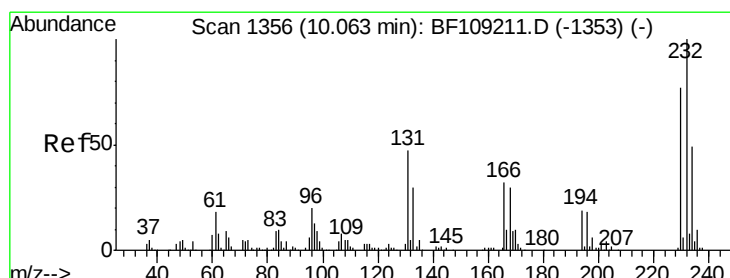
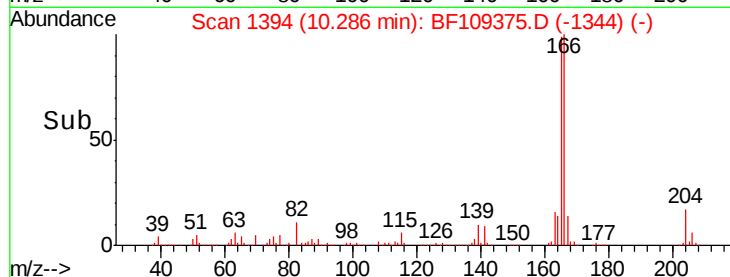
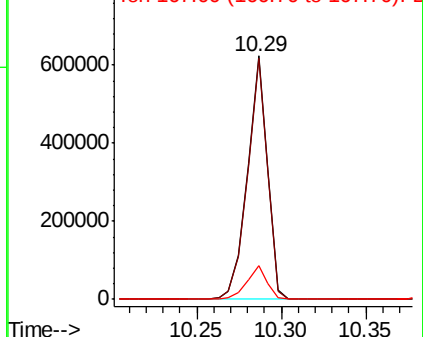


Abundance

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: 43.804 ng

RT: 10.07 min Scan# 1357

Delta R.T. 0.00 min

Lab File: BF109375.D

Acq: 27 Sep 2018 8:53

Tgt Ion:232 Resp: 147615

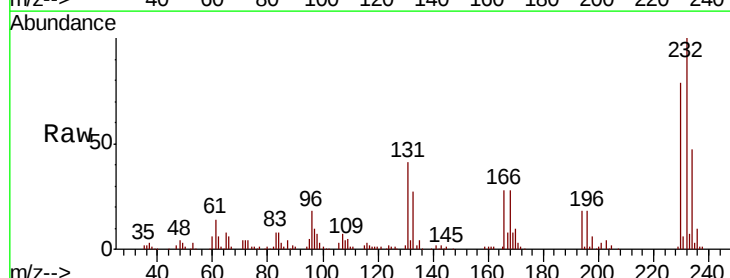
Ion Ratio Lower Upper

232 100

131 44.5 43.8 65.8

130 2.2 2.1 3.1

166 30.3 27.8 41.6



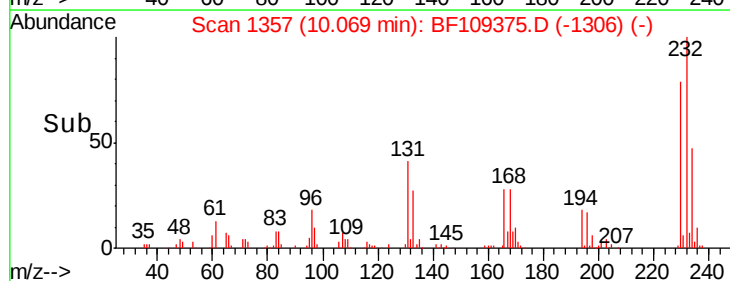
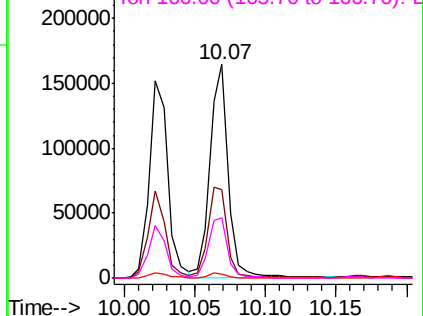
Abundance

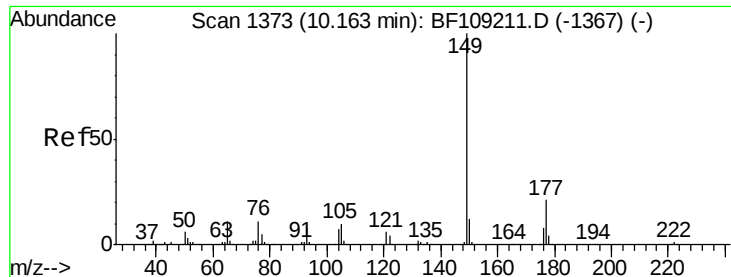
Ion 232.00 (231.70 to 232.70): E

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

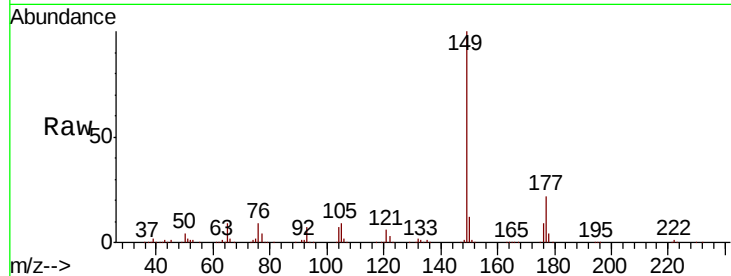




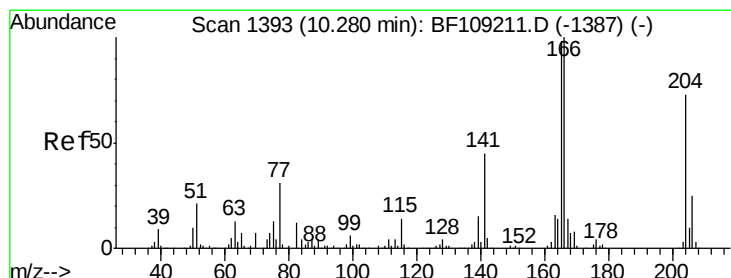
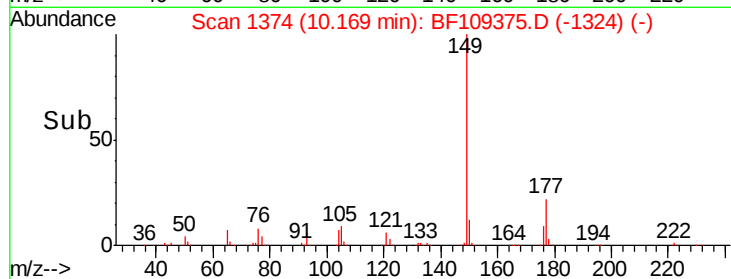
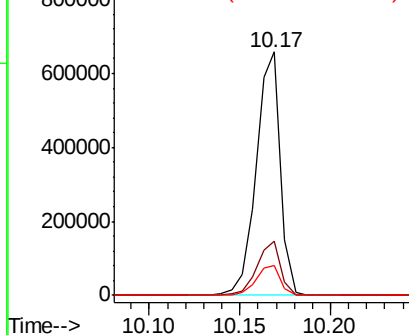
#59
Diethylphthalate
Concen: 41.805 ng
RT: 10.17 min Scan# 1374
Delta R.T. -0.01 min
Lab File: BF109375.D
Acq: 27 Sep 2018 8:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 607473
Ion Ratio Lower Upper
149 100
177 22.4 16.1 24.1
150 12.3 10.1 15.1

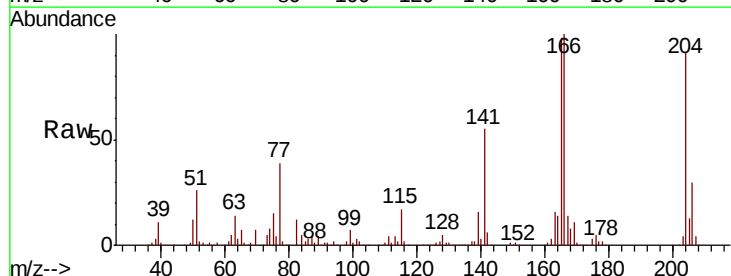


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

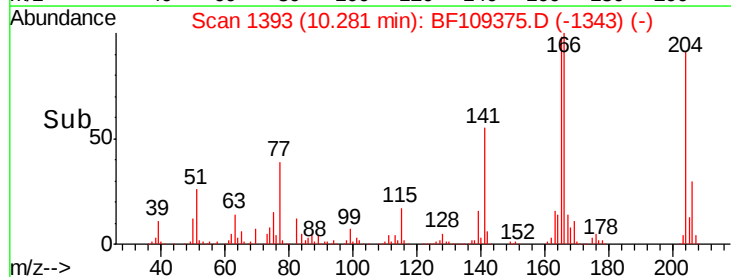
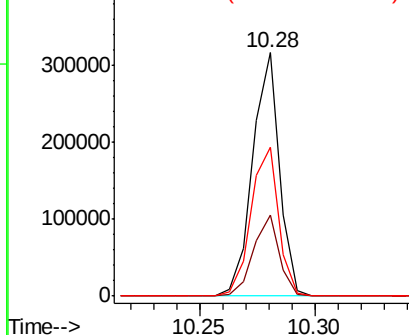


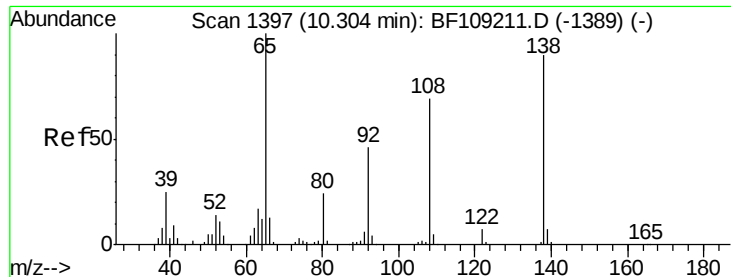
#60
4-Chlorophenyl-phenylether
Concen: 39.640 ng
RT: 10.28 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BF109375.D
Acq: 27 Sep 2018 8:53

Tgt Ion:204 Resp: 257317
Ion Ratio Lower Upper
204 100
206 33.3 26.5 39.7
141 61.1 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

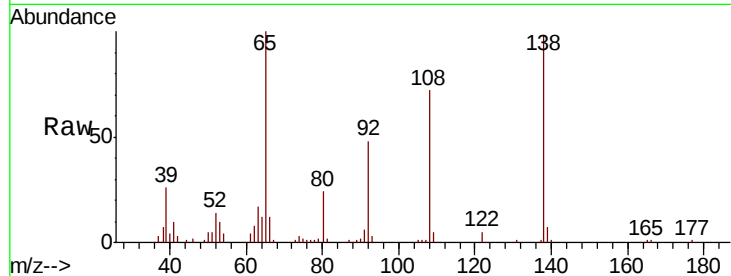




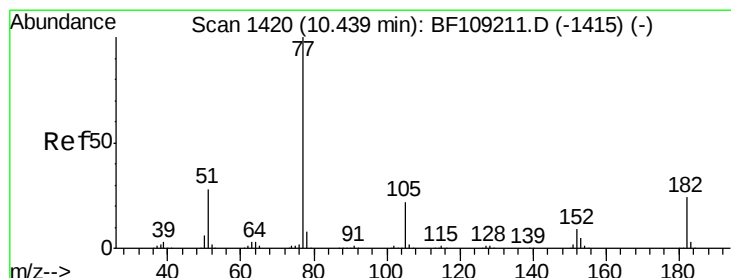
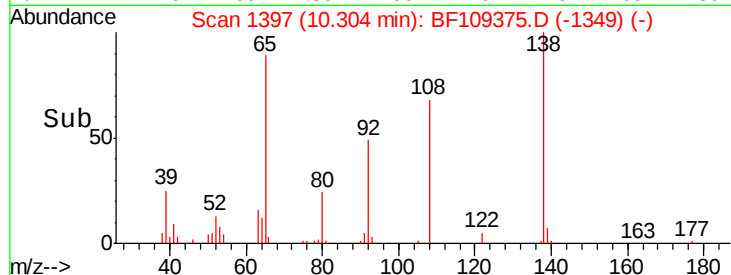
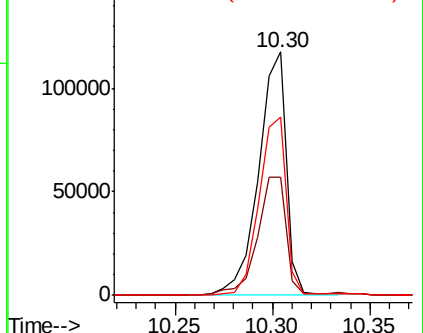
#61
4-Nitroaniline
Concen: 36.160 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.02 min
Lab File: BF109375.D
Acq: 27 Sep 2018 8:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 116063
Ion Ratio Lower Upper
138 100
92 48.6 30.2 70.2
108 73.4 52.5 92.5

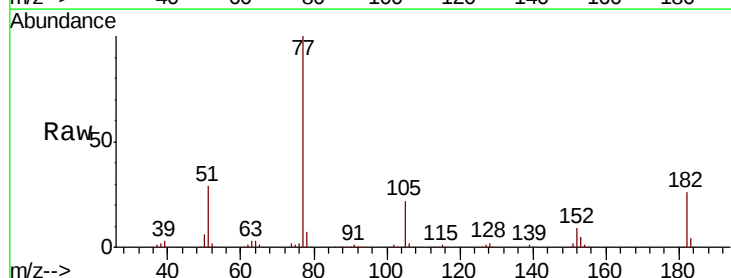


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E

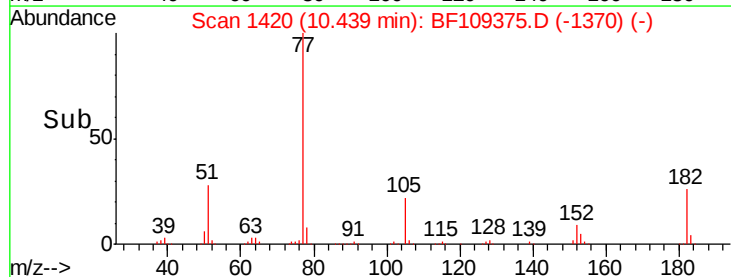
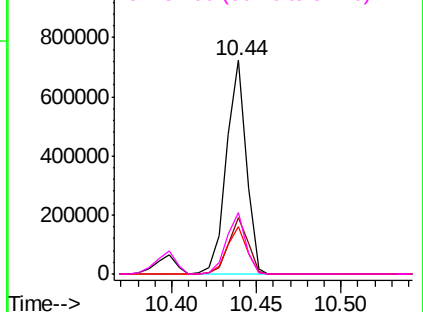


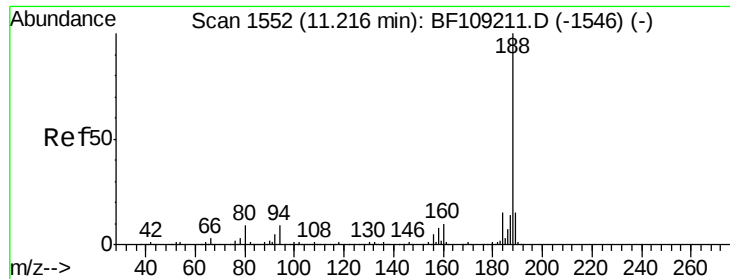
#62
Azobenzene
Concen: 38.904 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.01 min
Lab File: BF109375.D
Acq: 27 Sep 2018 8:53

Tgt Ion: 77 Resp: 587356
Ion Ratio Lower Upper
77 100
182 26.2 1.7 41.7
105 22.4 3.0 43.0
51 28.5 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# 1552

Delta R.T. 0.00 min

Lab File: BF109375.D

Acq: 27 Sep 2018 8:53

Instrument :

BNA_F

ClientSampled :

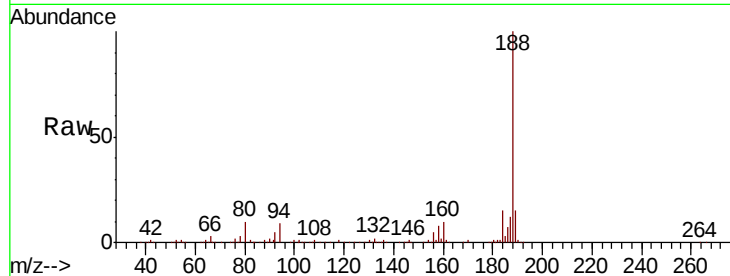
Tot Ion:188 Resp: 337678

Ion Ratio Lower Upper

188 100

94 9.3 8.5 12.7

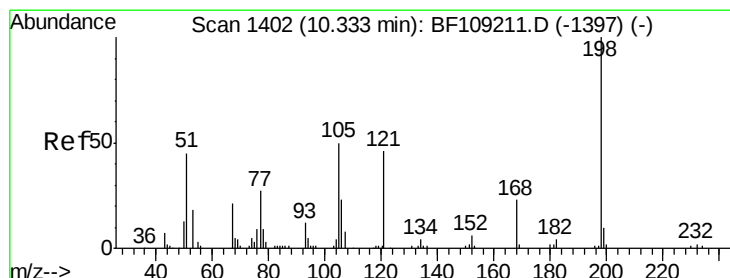
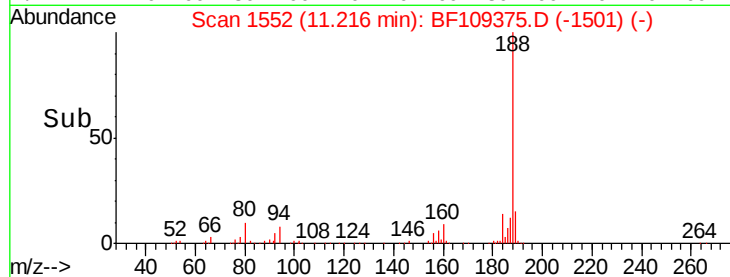
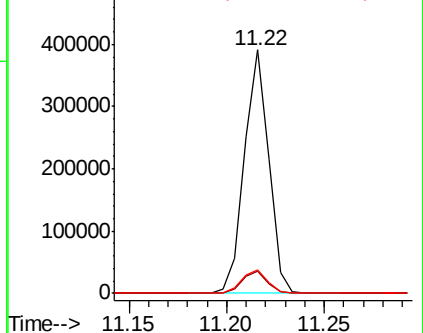
80 9.7 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#64

4,6-Dinitro-2-methylphenol

Concen: 32.672 ng

RT: 10.34 min Scan# 1403

Delta R.T. -0.01 min

Lab File: BF109375.D

Acq: 27 Sep 2018 8:53

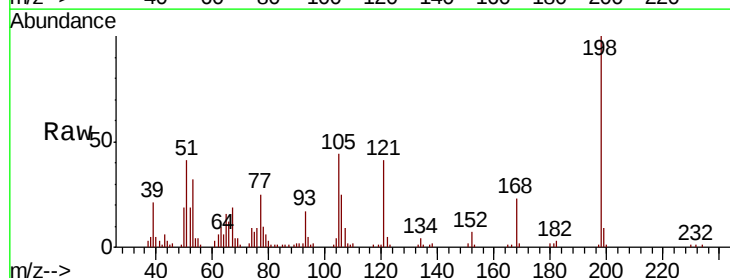
Tgt Ion:198 Resp: 40901

Ion Ratio Lower Upper

198 100

51 40.6 37.7 77.7

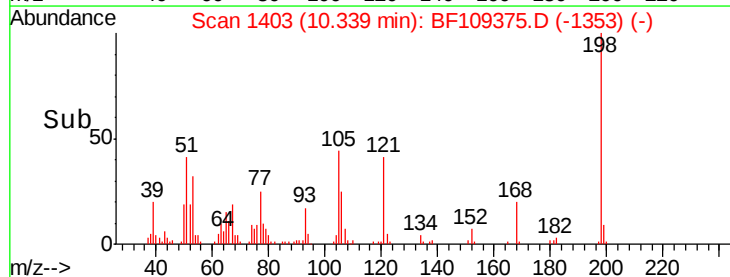
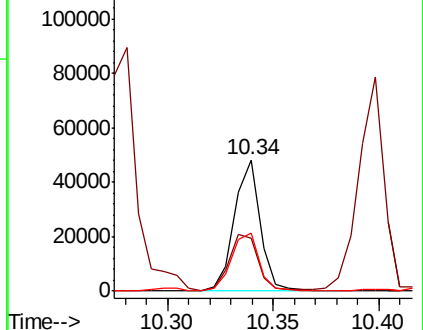
105 43.9 36.3 76.3

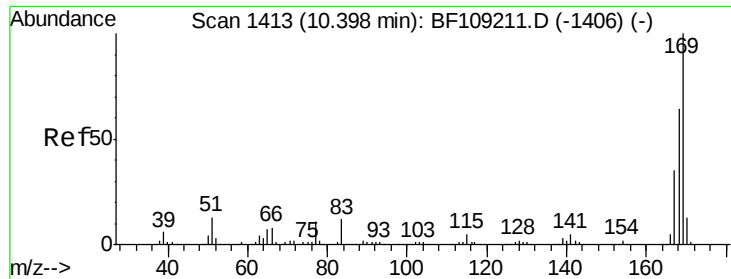


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

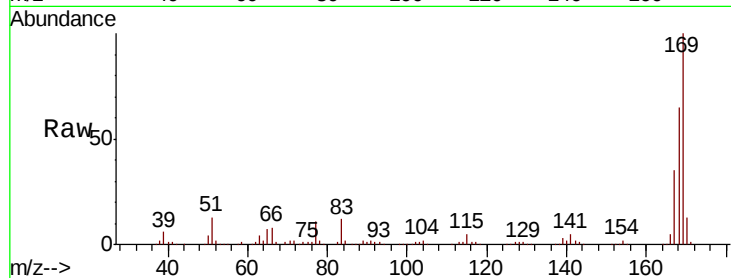




#65
 n-Nitrosodiphenylamine
 Concen: 45.318 ng
 RT: 10.40 min Scan# 1413
 Delta R.T. -0.01 min
 Lab File: BF109375.D
 Acq: 27 Sep 2018 8:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
169	100		
168	64.8	54.4	81.6
167	35.3	29.8	44.6

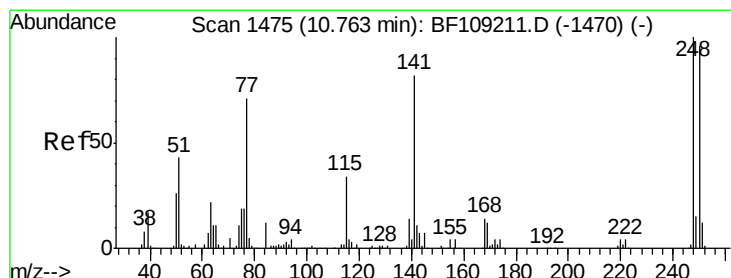
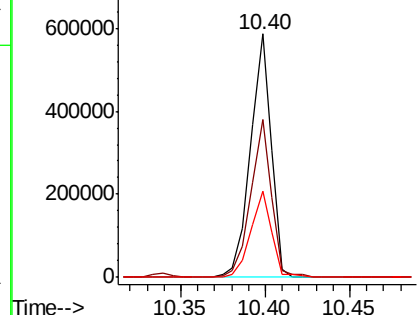
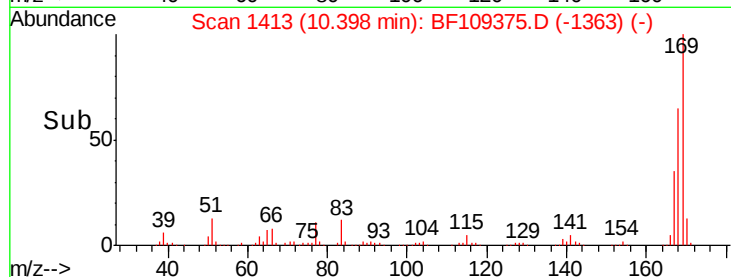


Abundance

Ion 169.00 (168.70 to 169.70): E

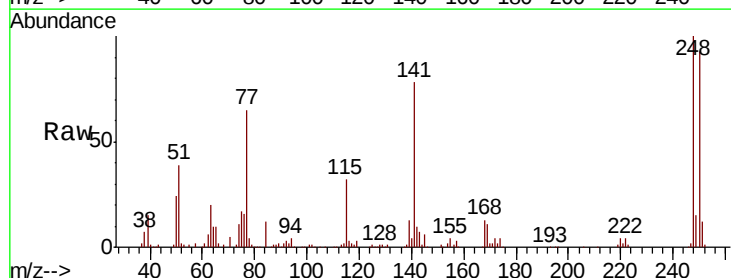
Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66
 4-Bromophenyl-phenylether
 Concen: 45.188 ng
 RT: 10.76 min Scan# 1475
 Delta R.T. -0.01 min
 Lab File: BF109375.D
 Acq: 27 Sep 2018 8:53

Tgt Ion	Ratio	Lower	Upper
248	100		
250	93.0	76.9	115.3
141	78.5	74.4	111.6

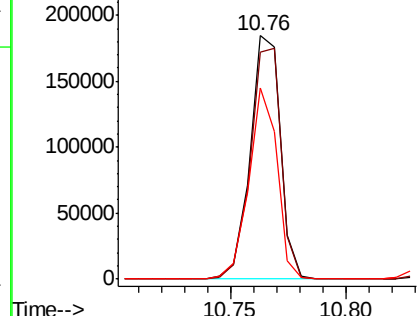
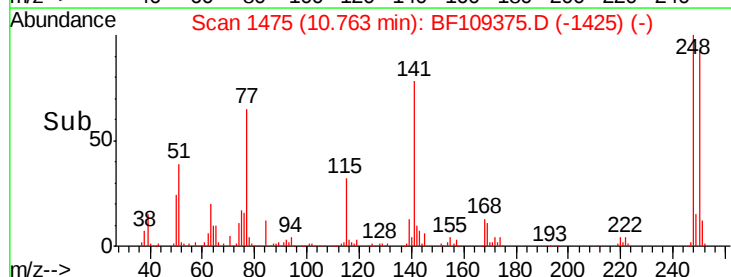


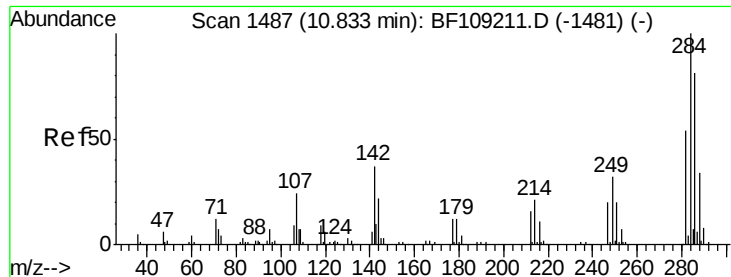
Abundance

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

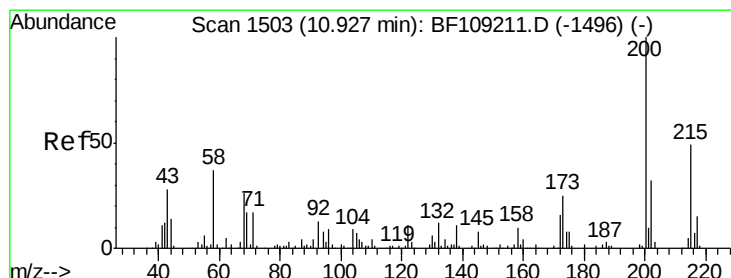
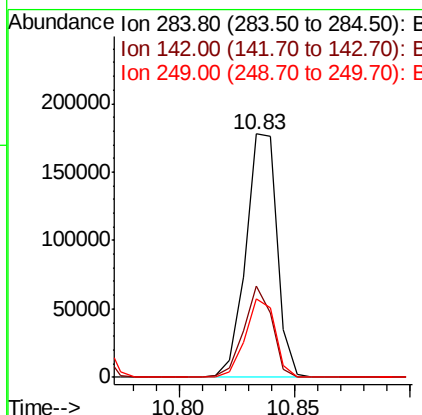
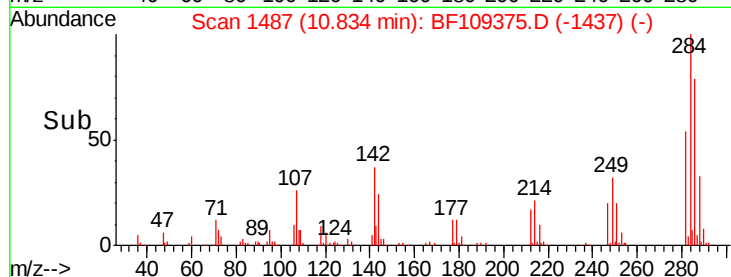
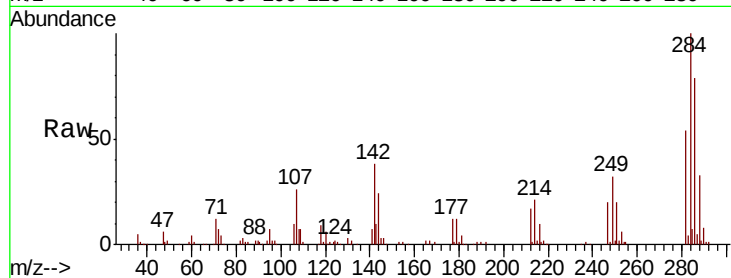




#67
Hexachlorobenzene
Concen: 42.368 ng
RT: 10.83 min Scan# 1487
Delta R.T. -0.01 min
Lab File: BF109375.D
Acq: 27 Sep 2018 8:53

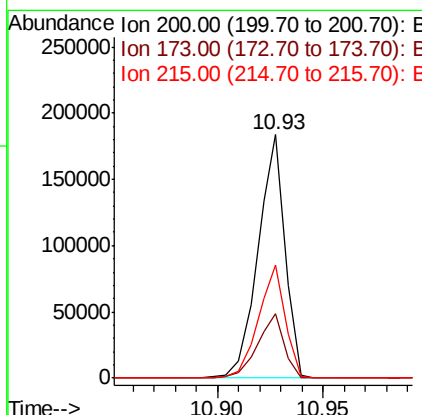
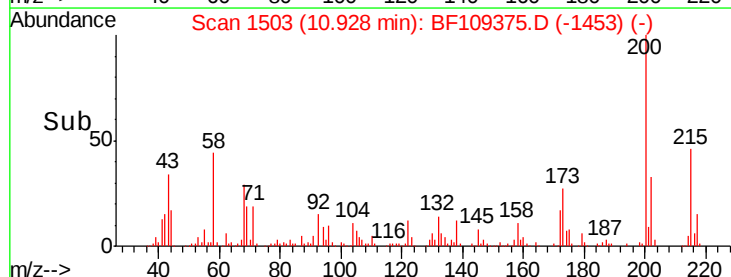
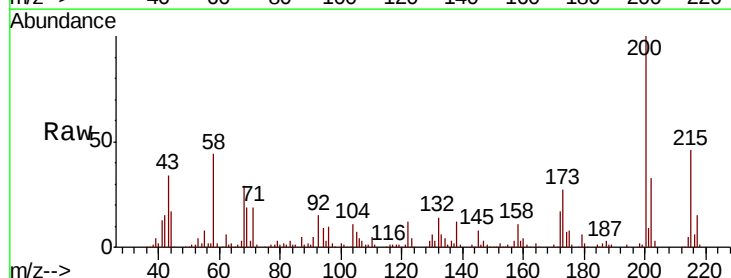
Instrument :
BNA_F
ClientSampleId :

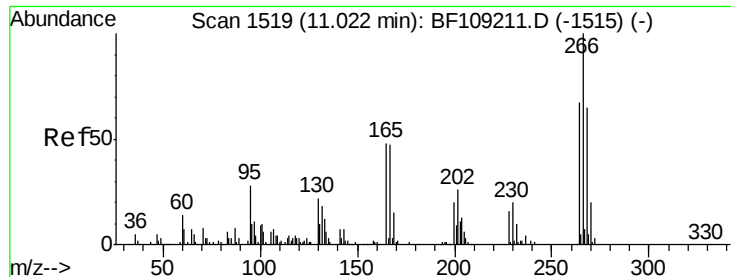
Tot Ion	Ratio	Lower	Upper
284	100		
142	37.6	34.6	52.0
249	32.4	24.8	37.2



#68
Atrazine
Concen: 47.477 ng
RT: 10.93 min Scan# 1503
Delta R.T. -0.01 min
Lab File: BF109375.D
Acq: 27 Sep 2018 8:53

Tgt Ion	Ratio	Lower	Upper
200	100		
173	26.6	8.6	48.6
215	46.4	25.1	65.1

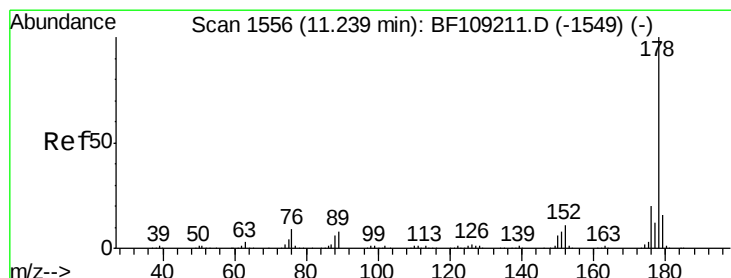
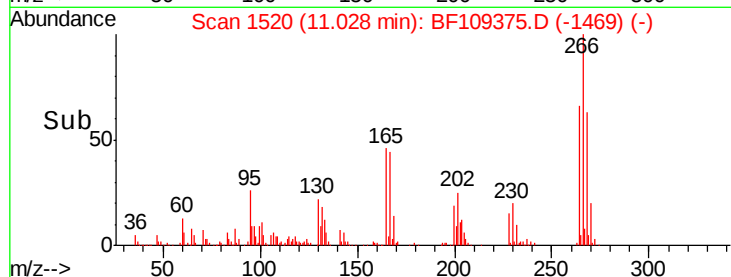
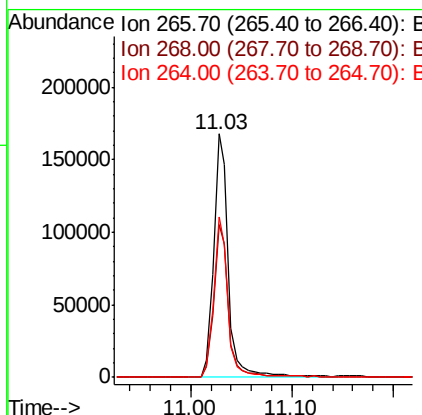
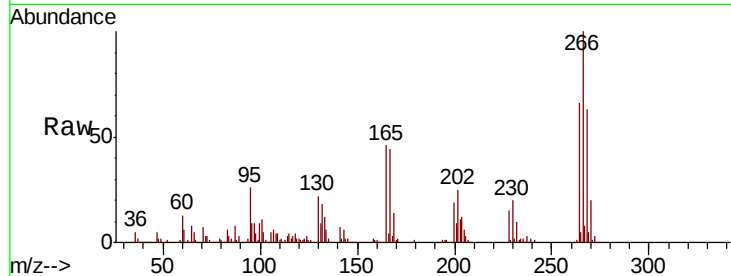




#69
 Pentachlorophenol
 Concen: 71.331 ng
 RT: 11.03 min Scan# 1520
 Delta R.T. 0.00 min
 Lab File: BF109375.D
 Acq: 27 Sep 2018 8:53

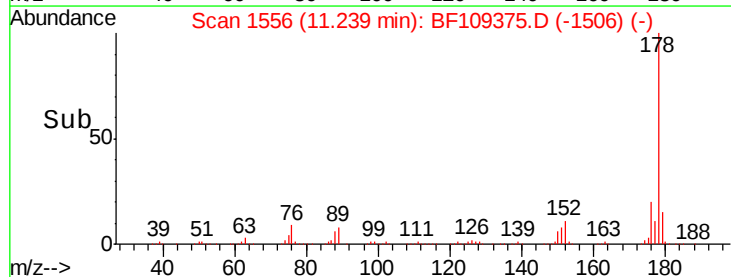
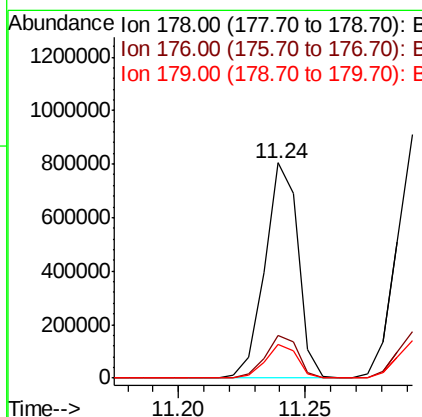
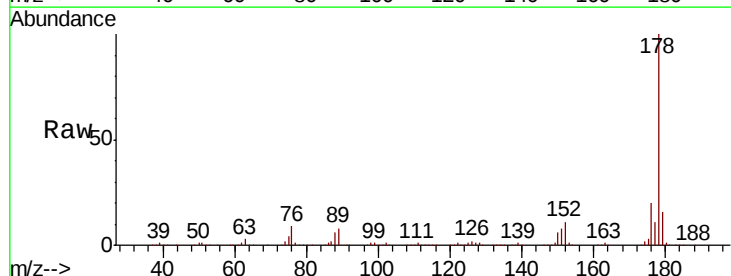
Instrument :
 BNA_F
 ClientSampleId :

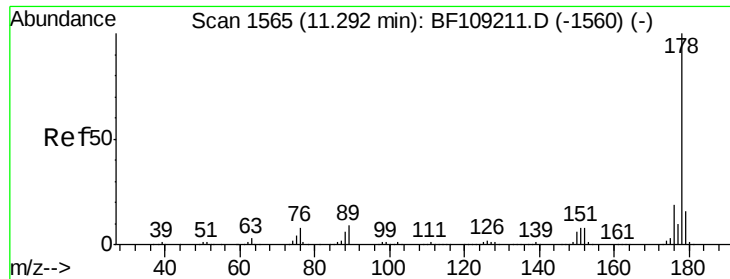
Tot Ion:266 Resp: 170022
 Ion Ratio Lower Upper
 266 100
 268 62.7 51.1 76.7
 264 65.8 49.5 74.3



#70
 Phenanthrene
 Concen: 43.788 ng
 RT: 11.24 min Scan# 1556
 Delta R.T. -0.01 min
 Lab File: BF109375.D
 Acq: 27 Sep 2018 8:53

Tgt Ion:178 Resp: 738275
 Ion Ratio Lower Upper
 178 100
 176 19.9 15.8 23.8
 179 15.9 13.0 19.6

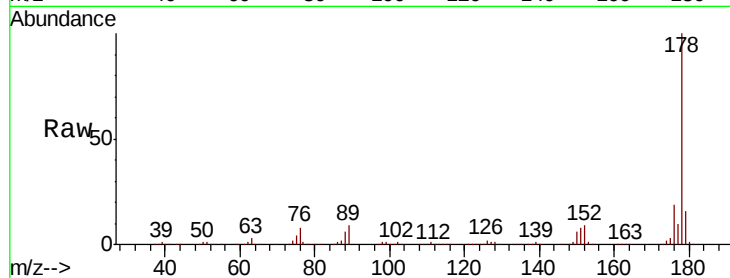




#71
 Anthracene
 Concen: 44.038 ng
 RT: 11.29 min Scan# 1565
 Delta R.T. -0.01 min
 Lab File: BF109375.D
 Acq: 27 Sep 2018 8:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.2
179	15.6	12.6	19.0

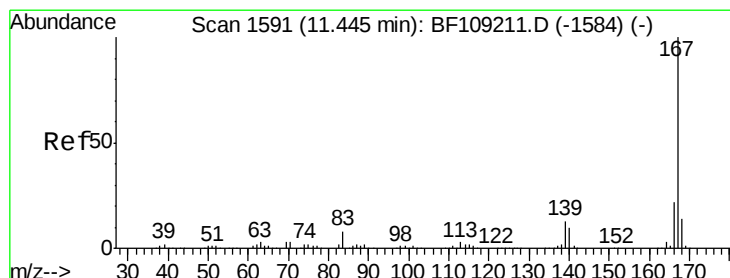
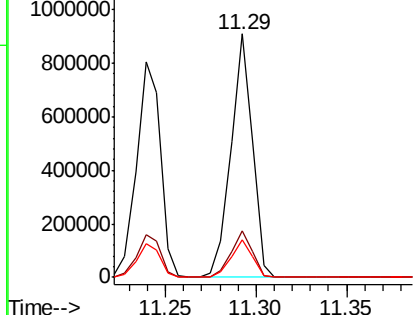
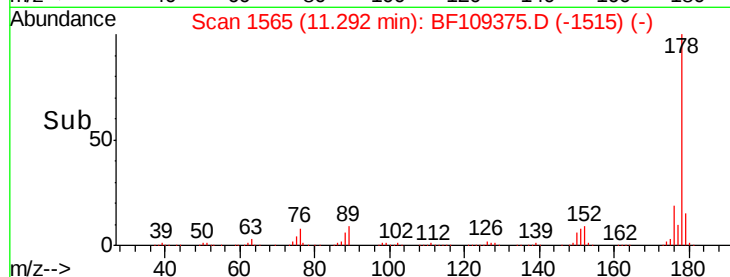


Abundance

Ion 178.00 (177.70 to 178.70): E

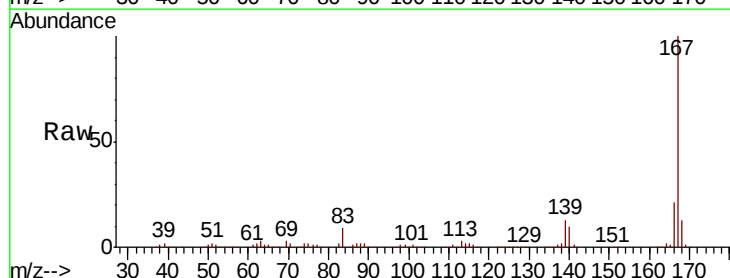
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72
 Carbazole
 Concen: 39.022 ng
 RT: 11.45 min Scan# 1591
 Delta R.T. -0.01 min
 Lab File: BF109375.D
 Acq: 27 Sep 2018 8:53

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.6	26.4
139	13.2	10.9	16.3

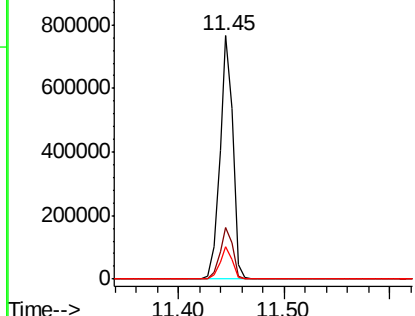
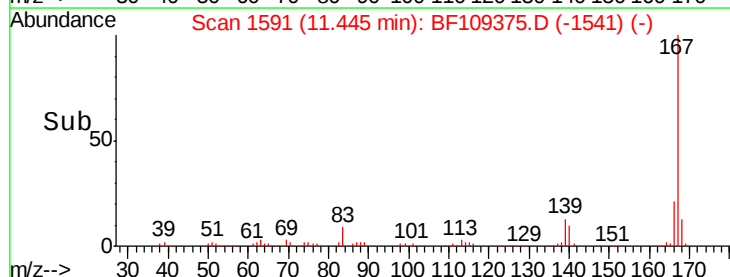


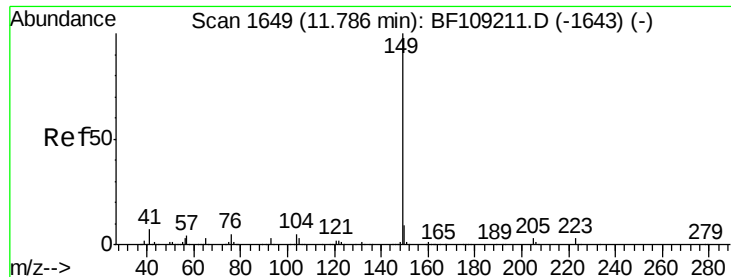
Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 44.785 ng

RT: 11.79 min Scan# 1649

Delta R.T. 0.00 min

Lab File: BF109375.D

Acq: 27 Sep 2018 8:53

Instrument :

BNA_F

ClientSampleId :

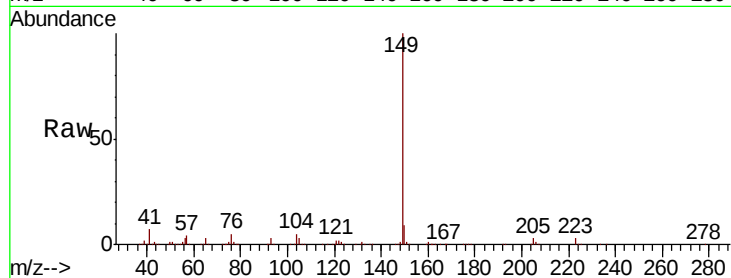
Tot Ion:149 Resp: 877216

Ion Ratio Lower Upper

149 100

150 9.1 7.8 11.6

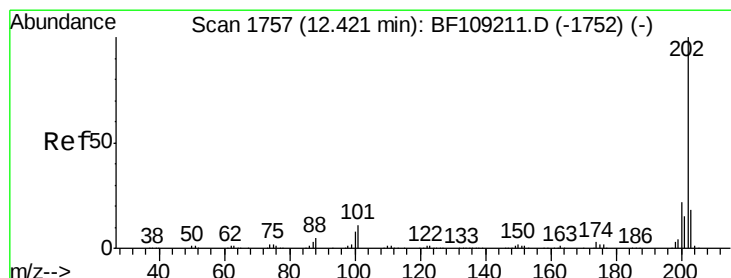
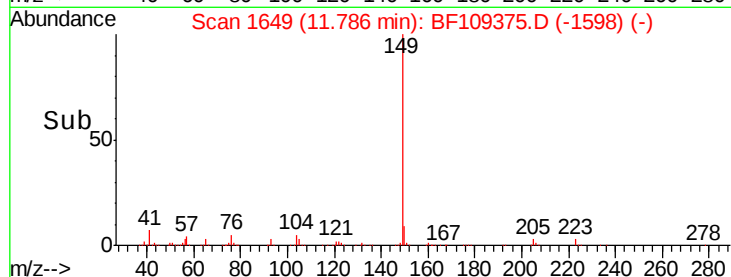
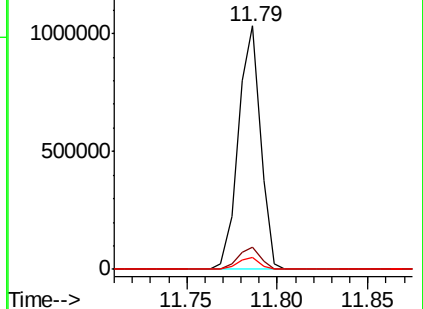
104 4.9 3.8 5.8



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: 40.668 ng

RT: 12.42 min Scan# 1757

Delta R.T. -0.01 min

Lab File: BF109375.D

Acq: 27 Sep 2018 8:53

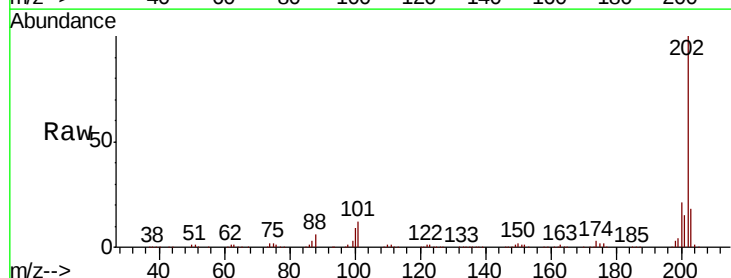
Tgt Ion:202 Resp: 732755

Ion Ratio Lower Upper

202 100

101 11.7 0.0 34.1

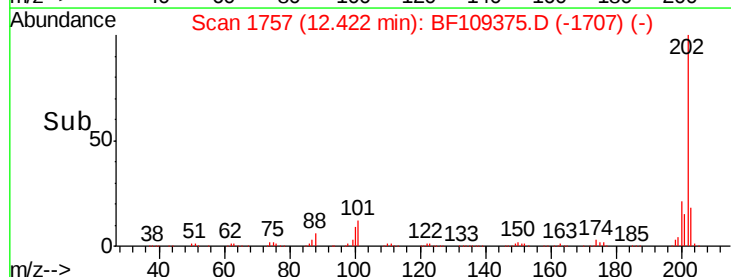
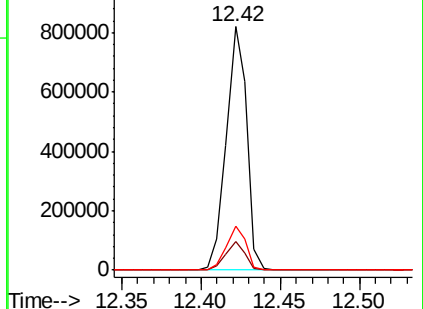
203 17.9 0.0 38.1

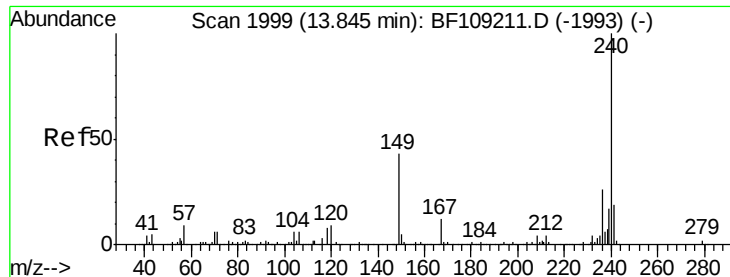


Abundance Ion 202.00 (201.70 to 202.70): E

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# 1999

Delta R.T. 0.00 min

Lab File: BF109375.D

Acq: 27 Sep 2018 8:53

Instrument :

BNA_F

ClientSampleId :

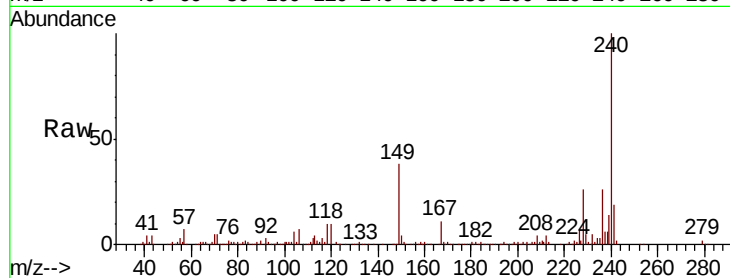
Tot Ion:240 Resp: 251622

Ion Ratio Lower Upper

240 100

120 10.3 9.5 14.3

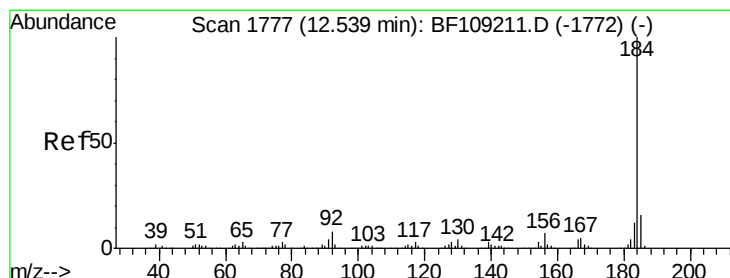
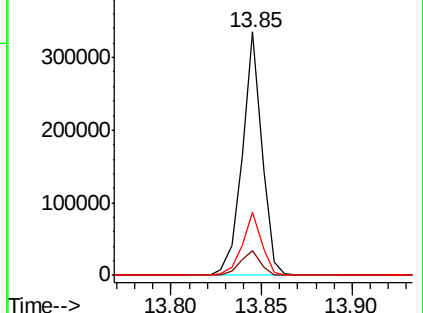
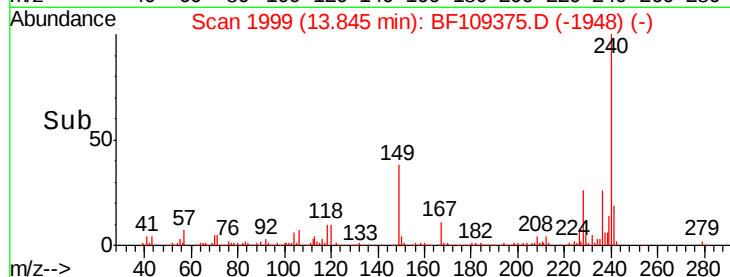
236 25.8 20.7 31.1



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: 32.820 ng

RT: 12.55 min Scan# 1778

Delta R.T. 0.00 min

Lab File: BF109375.D

Acq: 27 Sep 2018 8:53

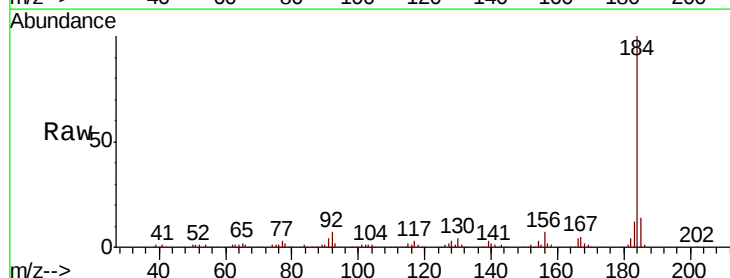
Tgt Ion:184 Resp: 297752

Ion Ratio Lower Upper

184 100

185 14.4 12.6 18.8

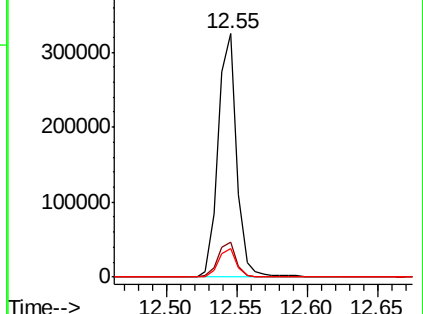
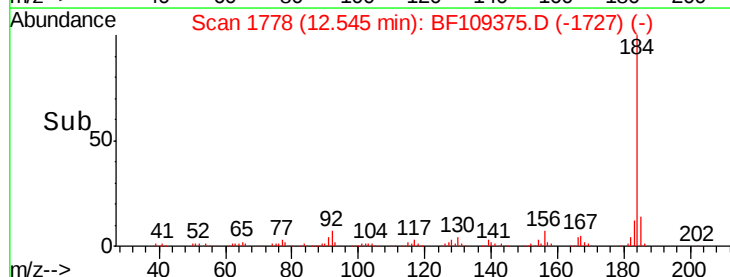
183 11.8 9.3 13.9

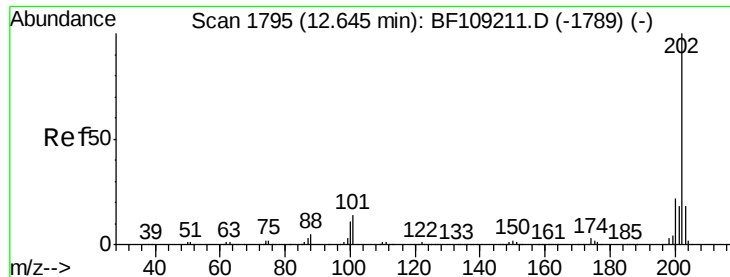


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

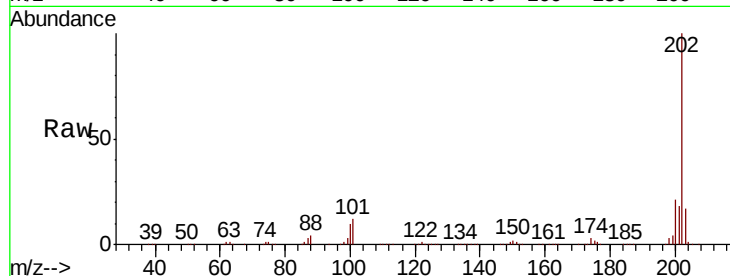




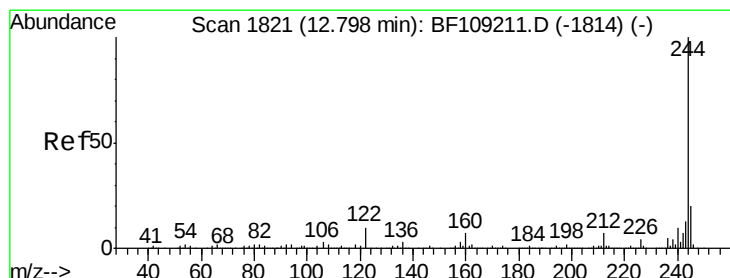
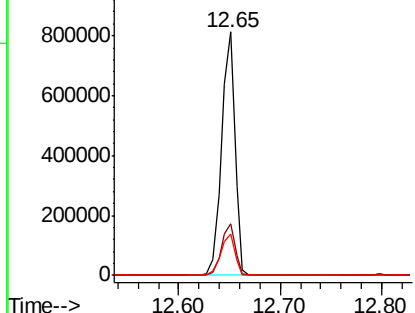
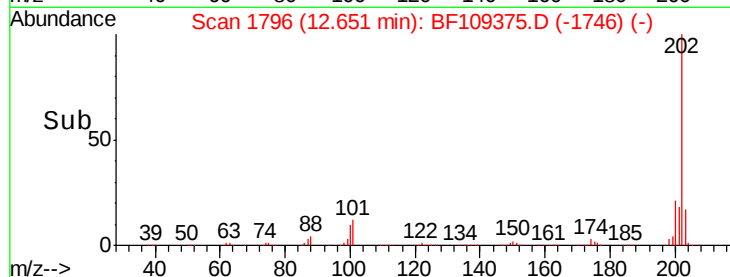
#77
Pvrene
Concen: 41.150 ng
RT: 12.65 min Scan# 1796
Delta R.T. -0.01 min
Lab File: BF109375.D
Acq: 27 Sep 2018 8:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.4	26.2
203	16.8	14.3	21.5

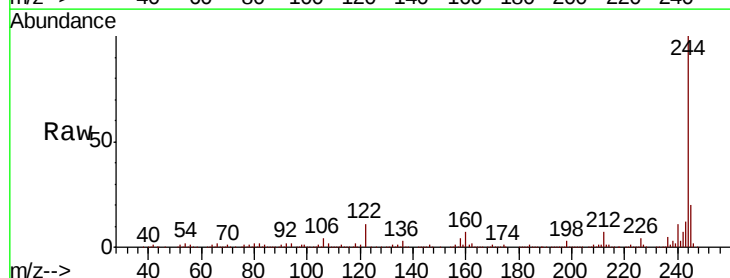


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

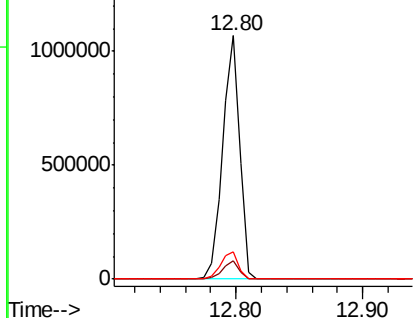
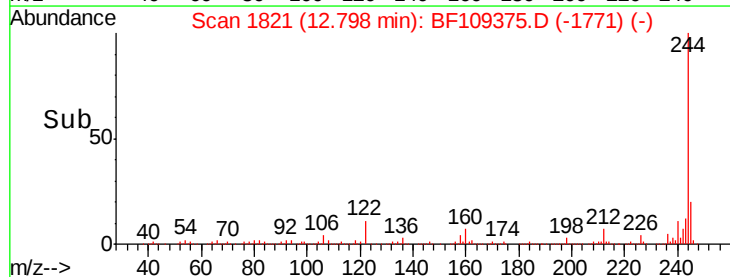


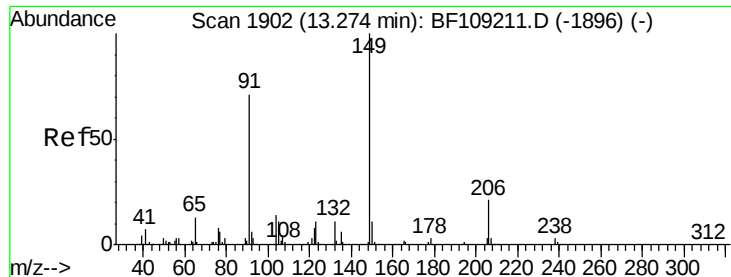
#78
Terphenyl-d14
Concen: 97.236 ng
RT: 12.80 min Scan# 1821
Delta R.T. -0.01 min
Lab File: BF109375.D
Acq: 27 Sep 2018 8:53

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.4	8.0
122	11.5	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

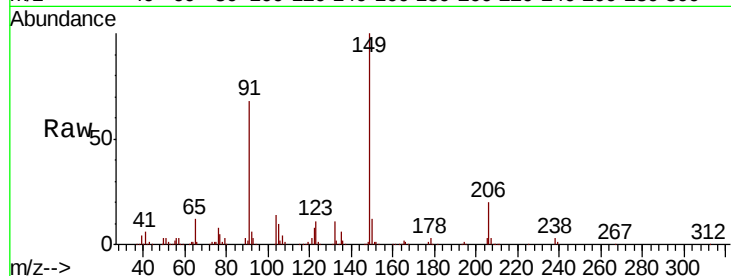




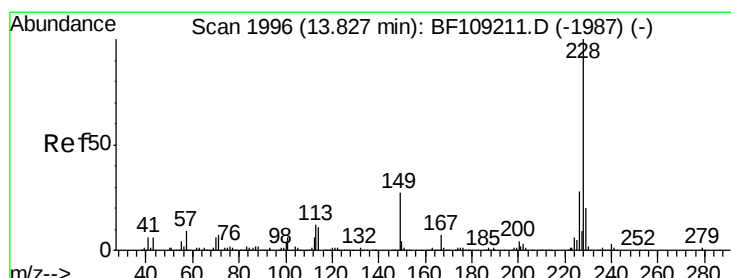
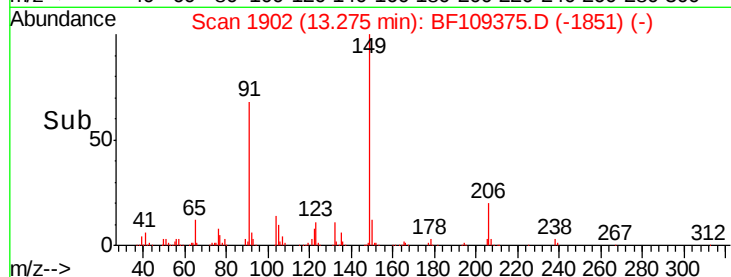
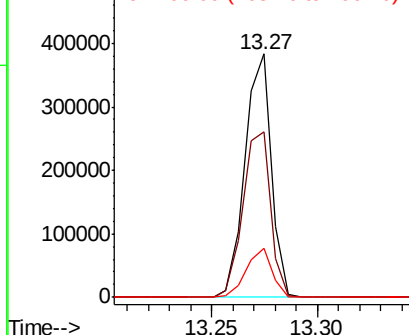
#79
Butylbenzylphthalate
Concen: 43.288 ng
RT: 13.27 min Scan# 1902
Delta R.T. 0.00 min
Lab File: BF109375.D
Acq: 27 Sep 2018 8:53

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
149	100		
91	68.0	56.8	85.2
206	20.2	14.1	21.1

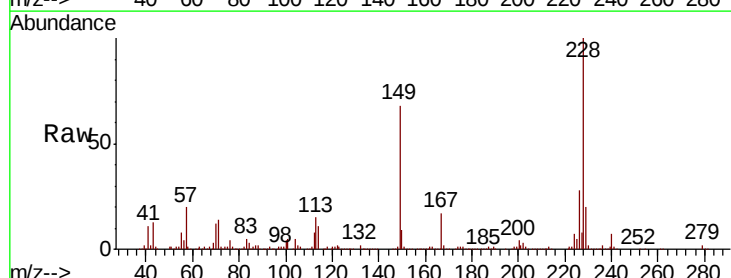


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF1
Ion 206.00 (205.70 to 206.70): E

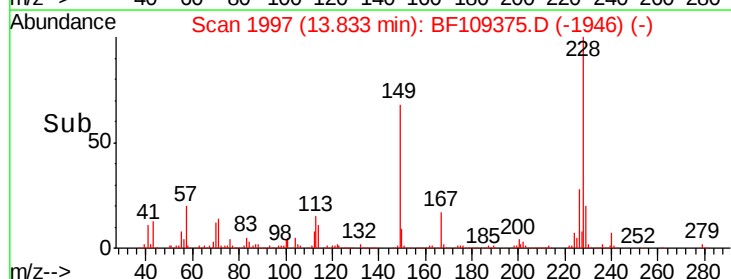
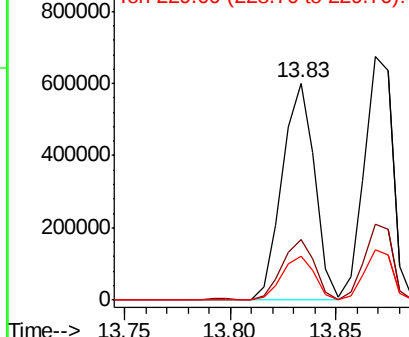


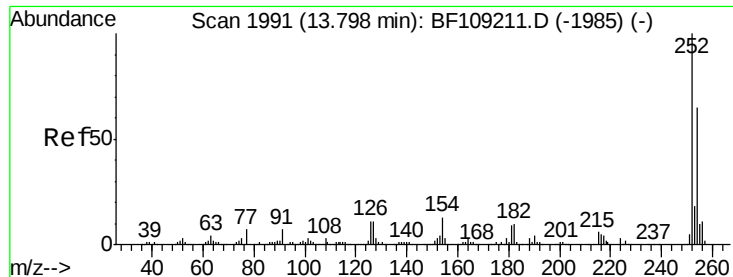
#80
Benzo(a)anthracene
Concen: 42.750 ng
RT: 13.83 min Scan# 1997
Delta R.T. 0.00 min
Lab File: BF109375.D
Acq: 27 Sep 2018 8:53

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.6	33.8
229	20.1	15.8	23.6



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

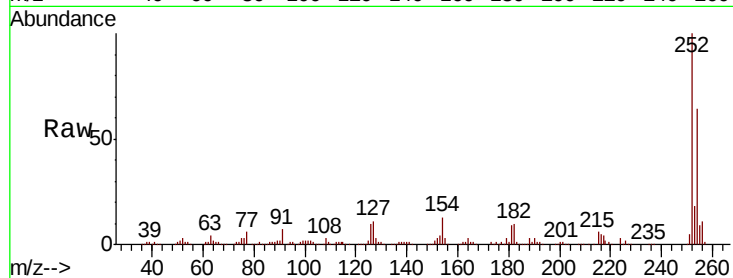




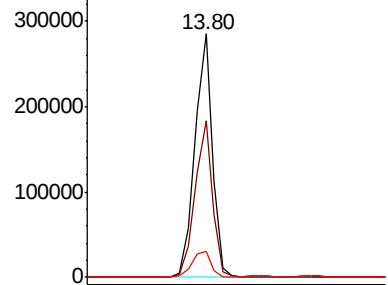
#81
 3,3'-Dichlorobenzidine
 Concen: 41.273 ng
 RT: 13.80 min Scan# 1991
 Delta R.T. -0.01 min
 Lab File: BF109375.D
 Acq: 27 Sep 2018 8:53

Instrument :
 BNA_F
 ClientSampleId :

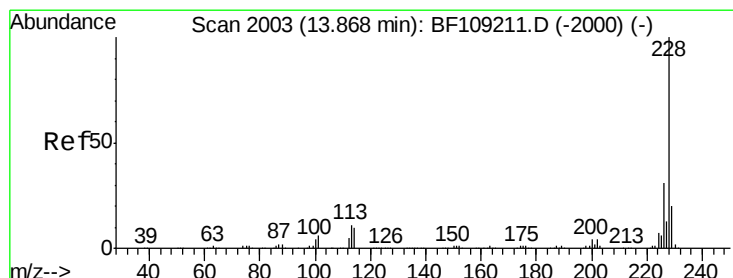
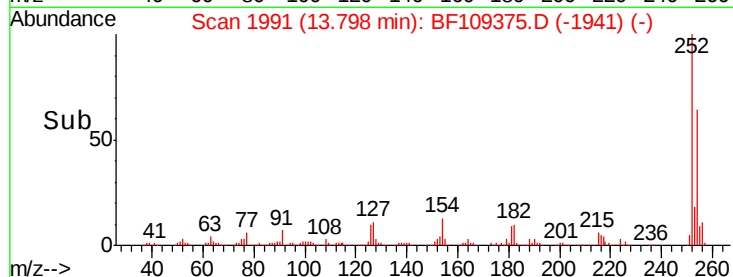
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.4	50.4	75.6
126	10.5	11.3	16.9#



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

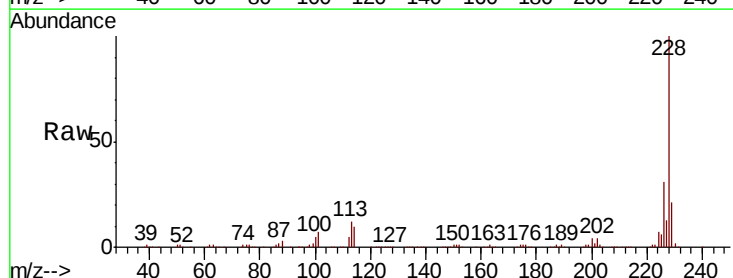


Time-->

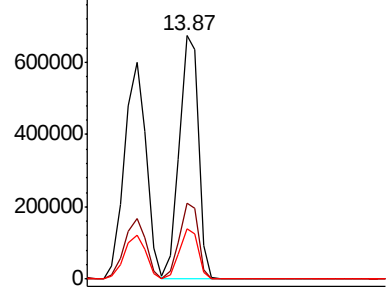


#82
 Chrysene
 Concen: 42.539 ng
 RT: 13.87 min Scan# 2003
 Delta R.T. -0.01 min
 Lab File: BF109375.D
 Acq: 27 Sep 2018 8:53

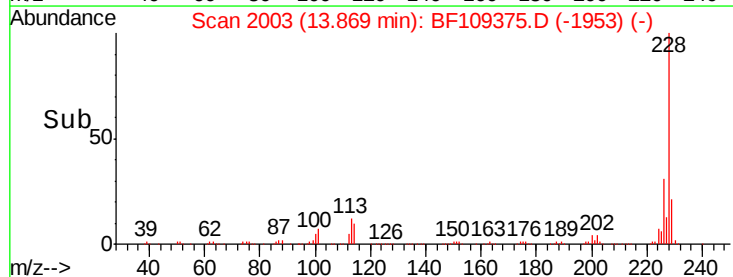
Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.0	37.6
229	20.6	16.2	24.4

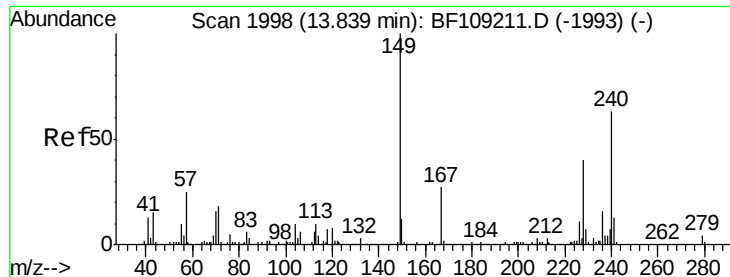


Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E



Time-->

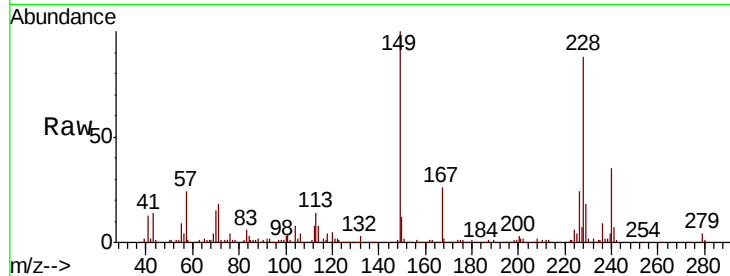




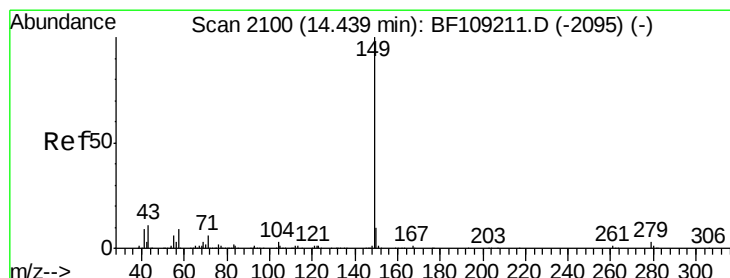
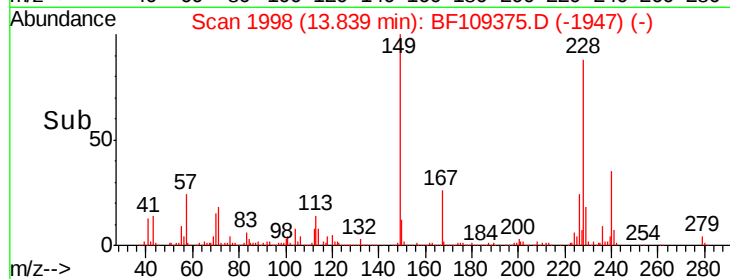
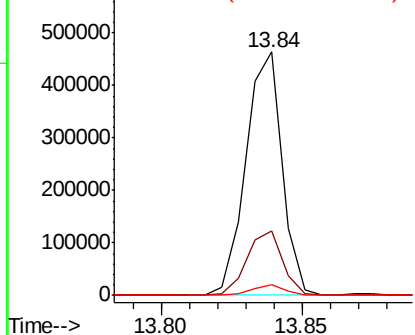
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.666 ng
 RT: 13.84 min Scan# 1998
 Delta R.T. 0.00 min
 Lab File: BF109375.D
 Acq: 27 Sep 2018 8:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 412824
 Ion Ratio Lower Upper
 149 100
 167 26.3 21.3 31.9
 279 4.2 3.0 4.4

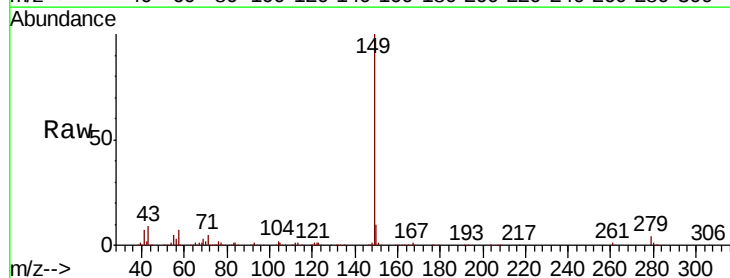


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

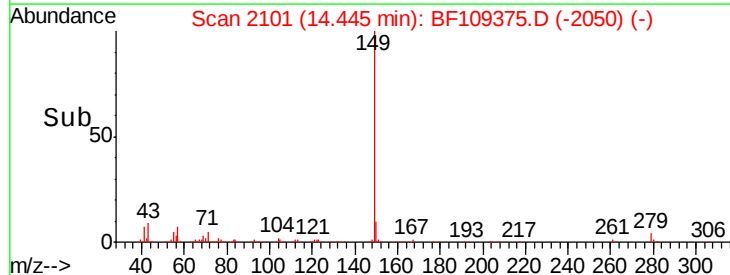
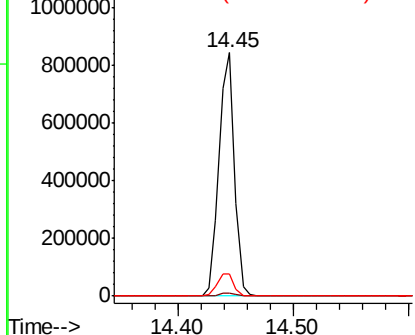


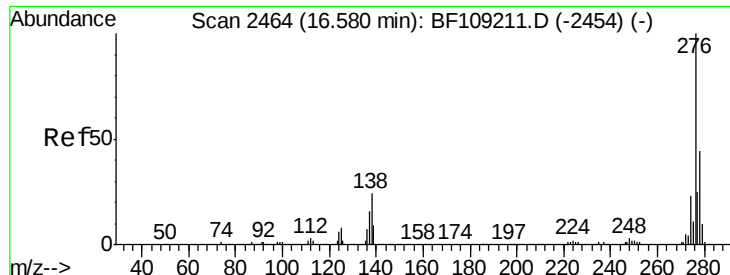
#84
 Di-n-octyl phthalate
 Concen: 47.603 ng
 RT: 14.45 min Scan# 2101
 Delta R.T. 0.00 min
 Lab File: BF109375.D
 Acq: 27 Sep 2018 8:53

Tgt Ion:149 Resp: 787542
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 9.7 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

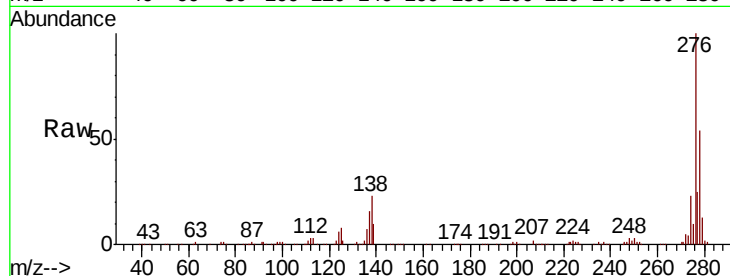




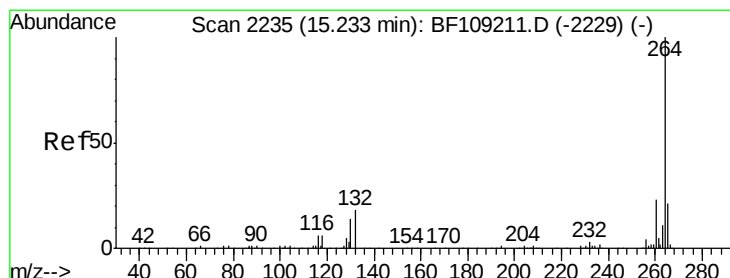
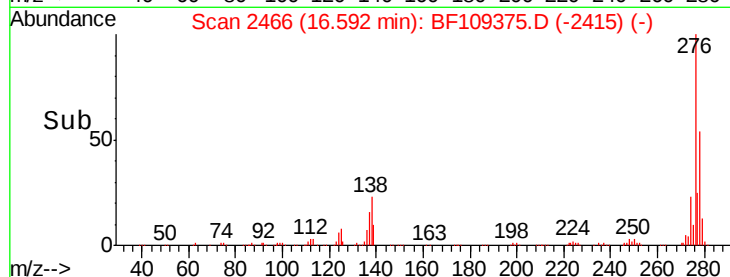
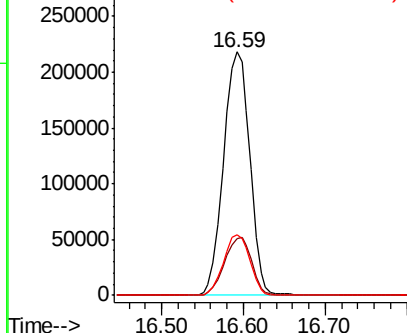
#85
Indeno(1,2,3-cd)pyrene
Concen: 40.204 ng
RT: 16.59 min Scan# 2466
Delta R.T. 0.00 min
Lab File: BF109375.D
Acq: 27 Sep 2018 8:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.3	25.0	37.6#
277	24.9	20.1	30.1

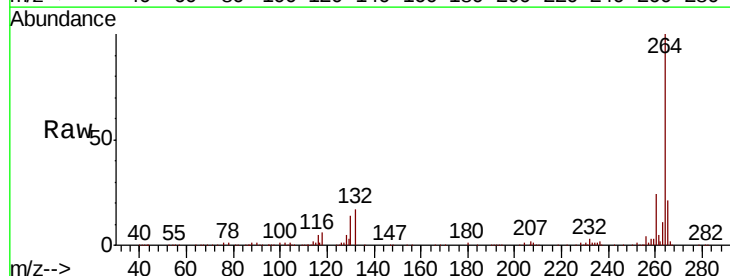


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

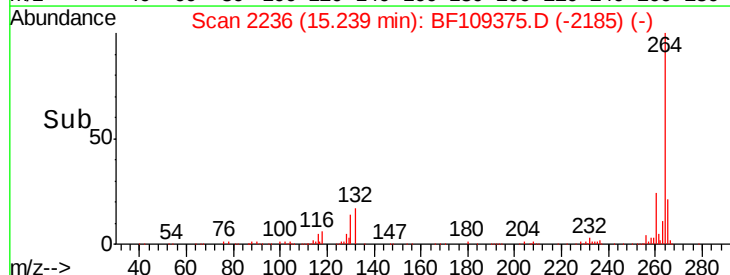
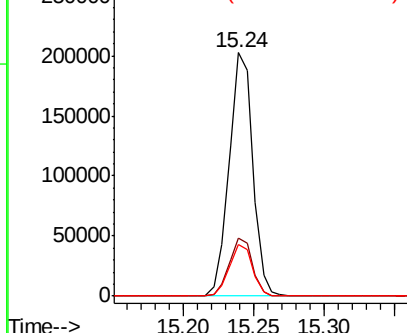


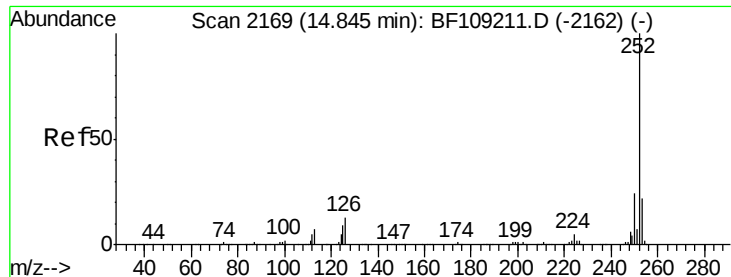
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.24 min Scan# 2236
Delta R.T. 0.00 min
Lab File: BF109375.D
Acq: 27 Sep 2018 8:53

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.3	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

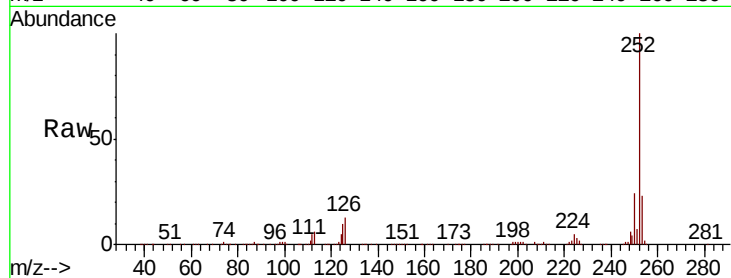




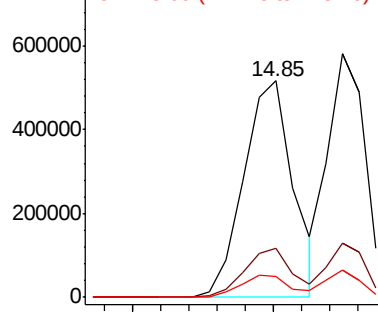
#87
Benzo(b)fluoranthene
Concen: 48.395 ng
RT: 14.85 min Scan# 2170
Delta R.T. 0.00 min
Lab File: BF109375.D
Acq: 27 Sep 2018 8:53

Instrument :
BNA_F
ClientSampleId :

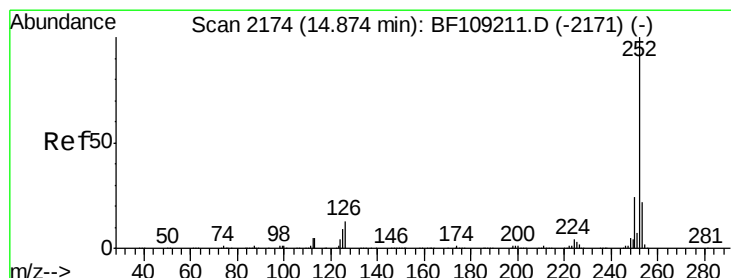
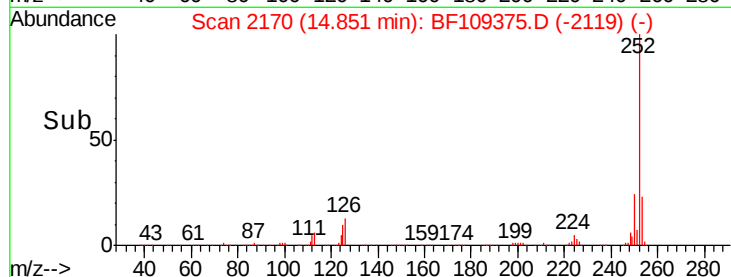
Tot Ion:252 Resp: 628970
Ion Ratio Lower Upper
252 100
253 22.6 17.0 25.6
125 9.6 9.0 13.6



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

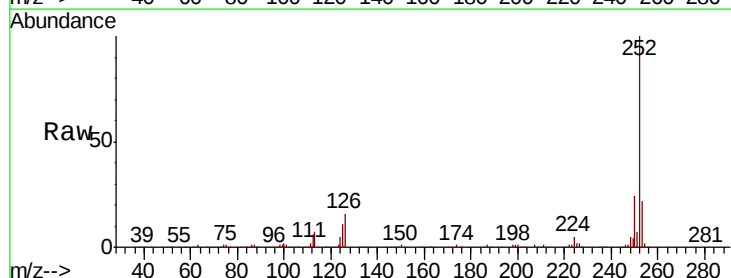


Time-->

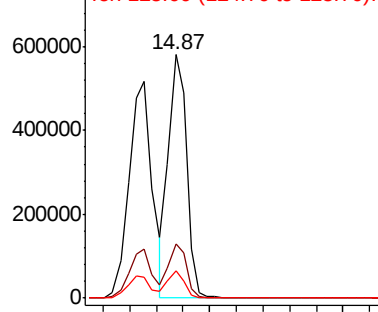


#88
Benzo(k)fluoranthene
Concen: 43.894 ng
RT: 14.87 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BF109375.D
Acq: 27 Sep 2018 8:53

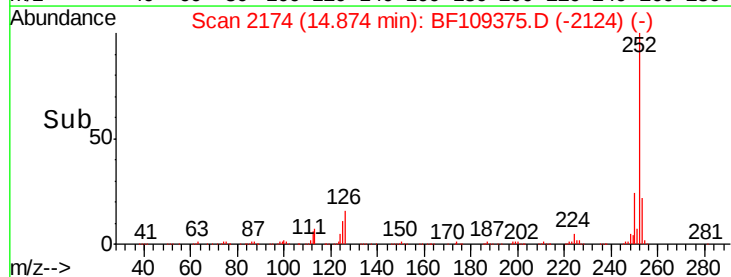
Tgt Ion:252 Resp: 541332
Ion Ratio Lower Upper
252 100
253 22.3 17.9 26.9
125 11.1 10.2 15.2

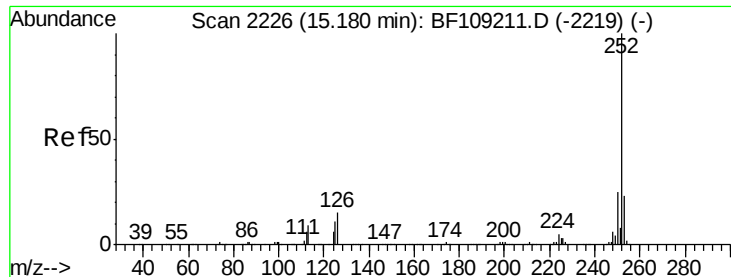


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



Time-->





#89

Benzo(a)pyrene

Concen: 45.391 ng

RT: 15.19 min Scan# 2227

Delta R.T. 0.00 min

Lab File: BF109375.D

Acq: 27 Sep 2018 8:53

Instrument :

BNA_F

ClientSampleId :

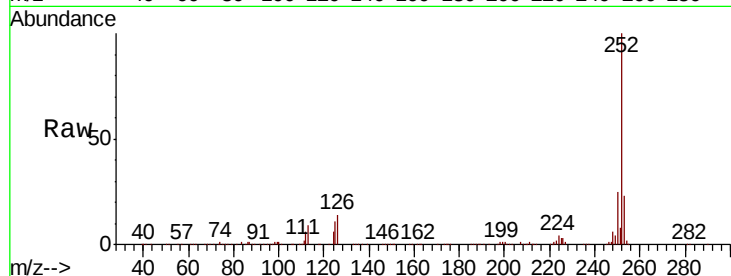
Tot Ion:252 Resp: 531572

Ion Ratio Lower Upper

252 100

253 22.5 17.1 25.7

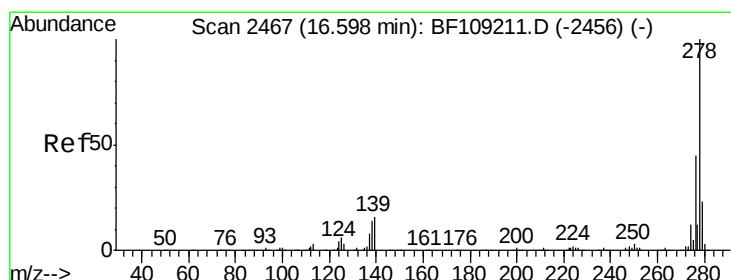
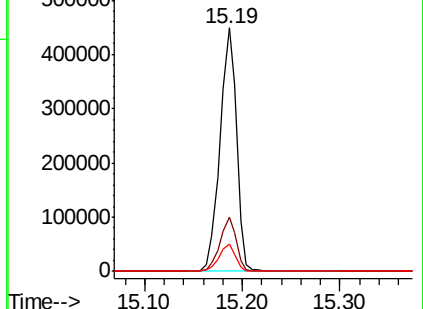
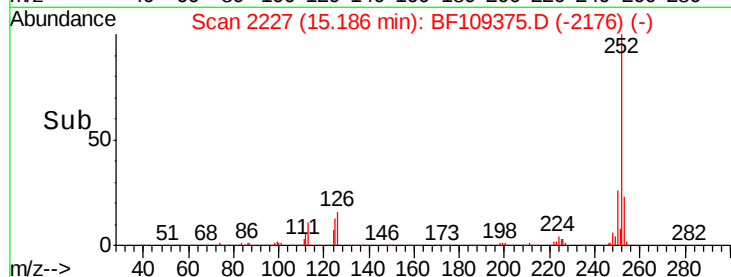
125 11.3 9.8 14.6



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: 42.103 ng

RT: 16.60 min Scan# 2468

Delta R.T. -0.01 min

Lab File: BF109375.D

Acq: 27 Sep 2018 8:53

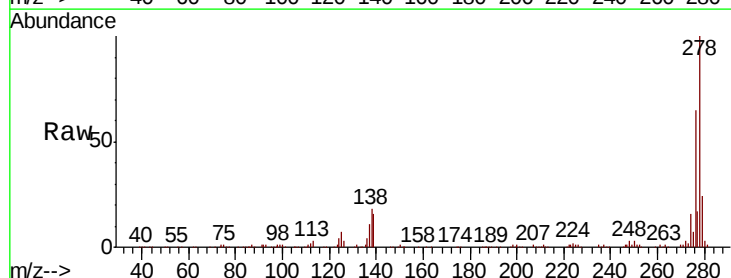
Tgt Ion:278 Resp: 404512

Ion Ratio Lower Upper

278 100

139 16.0 15.9 23.9

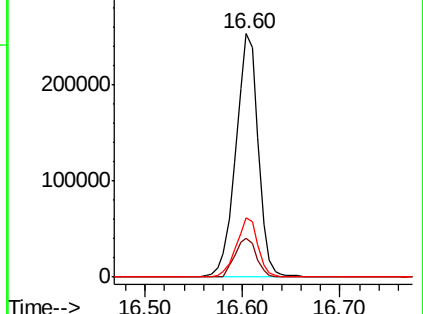
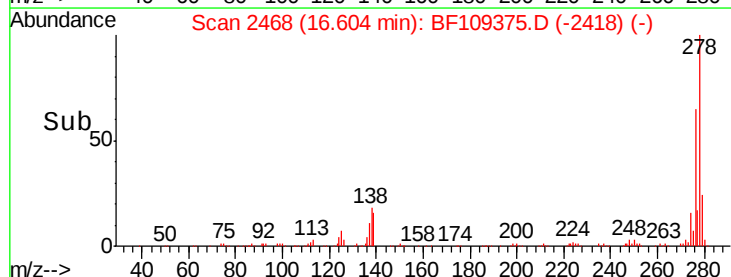
279 24.1 19.0 28.4

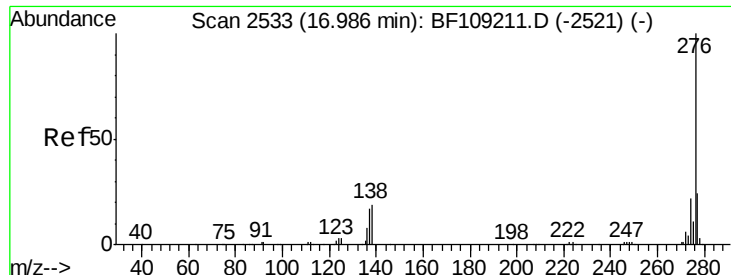


Abundance Ion 278.00 (277.70 to 278.70): E

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: 41.762 ng

RT: 17.00 min Scan# 2535

Delta R.T. 0.00 min

Lab File: BF109375.D

Acq: 27 Sep 2018 8:53

Instrument :

BNA_F

ClientSampleId :

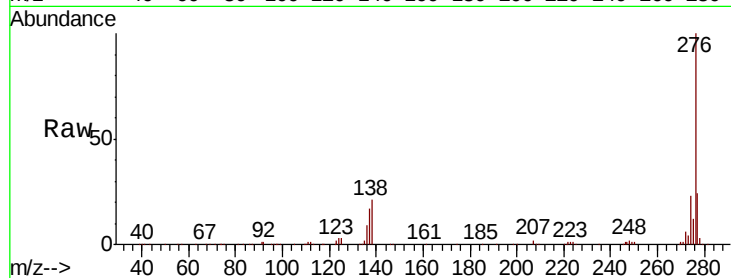
Tot Ion:276 Resp: 394339

Ion Ratio Lower Upper

276 100

277 23.7 17.9 26.9

138 20.6 21.8 32.8#



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

