

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100118\
 Data File : BF109472.D
 Acq On : 1 Oct 2018 15:08
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 01 15:45:57 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	117315	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	487730	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	245505	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	487243	20.00	ng	0.00
75) Chrysene-d12	13.85	240	358612	20.00	ng	0.00
86) Perylene-d12	15.24	264	317575	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.32	112	614880	86.33	ng	0.00
7) Phenol-d6	6.36	99	764786	84.15	ng	0.00
23) Nitrobenzene-d5	7.27	82	744756	90.14	ng	0.00
41) 2,4,6-Tribromophenol	10.53	330	228596	94.45	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1373018	84.35	ng	0.00
78) Terphenyl-d14	12.80	244	1205773	82.52	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.38	88	129372	39.439	ng	92
3) Pyridine	3.09	79	353613	41.883	ng	89
4) n-Nitrosodimethylamine	3.03	42	138433	38.528	ng	# 99
6) Aniline	6.37	93	476373	40.967	ng	# 54
8) 2-Chlorophenol	6.50	128	344999	43.557	ng	95
9) Benzaldehyde	6.25	77	223676	38.310	ng	98
10) Phenol	6.37	94	425472	41.337	ng	# 51
11) bis(2-Chloroethyl)ether	6.45	93	344790	42.810	ng	97
12) 1,3-Dichlorobenzene	6.65	146	386526	42.385	ng	97
13) 1,4-Dichlorobenzene	6.72	146	389593	42.405	ng	100
14) 1,2-Dichlorobenzene	6.88	146	359176	42.380	ng	98
15) Benzyl Alcohol	6.86	79	294293	42.302	ng	95
16) 2,2'-oxybis(1-Chloropropan	6.99	45	461959	40.438	ng	88
17) 2-Methylphenol	6.97	107	271087	42.299	ng	# 93
18) Hexachloroethane	7.22	117	145095	44.826	ng	96
19) n-Nitroso-di-n-propylamine	7.13	70	257011	43.156	ng	98
20) 3+4-Methylphenols	7.13	107	337374	43.602	ng	# 78
22) Acetophenone	7.12	105	470111	41.690	ng	96
24) Nitrobenzene	7.29	77	379858	43.240	ng	97
25) Isophorone	7.53	82	637998	42.882	ng	97
26) 2-Nitrophenol	7.61	139	186198	53.595	ng	96
27) 2,4-Dimethylphenol	7.66	122	277282	42.772	ng	98
28) bis(2-Chloroethoxy)methane	7.75	93	420326	42.678	ng	99
29) 2,4-Dichlorophenol	7.85	162	300532	44.123	ng	99
30) 1,2,4-Trichlorobenzene	7.93	180	320546	42.117	ng	97
31) Naphthalene	8.01	128	950076	41.686	ng	99
32) Benzoic acid	7.80	122	219835	49.632	ng	97
33) 4-Chloroaniline	8.06	127	426191	42.805	ng	99
34) Hexachlorobutadiene	8.13	225	200520	43.703	ng	98
35) Caprolactam	8.45	113	100097	46.030	ng	# 85
36) 4-Chloro-3-methylphenol	8.56	107	323257	45.102	ng	100
37) 2-Methylnaphthalene	8.70	142	629735	42.861	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	327628	41.932	ng	98
40) Hexachlorocyclopentadiene	8.86	237	144348	42.357	ng	98

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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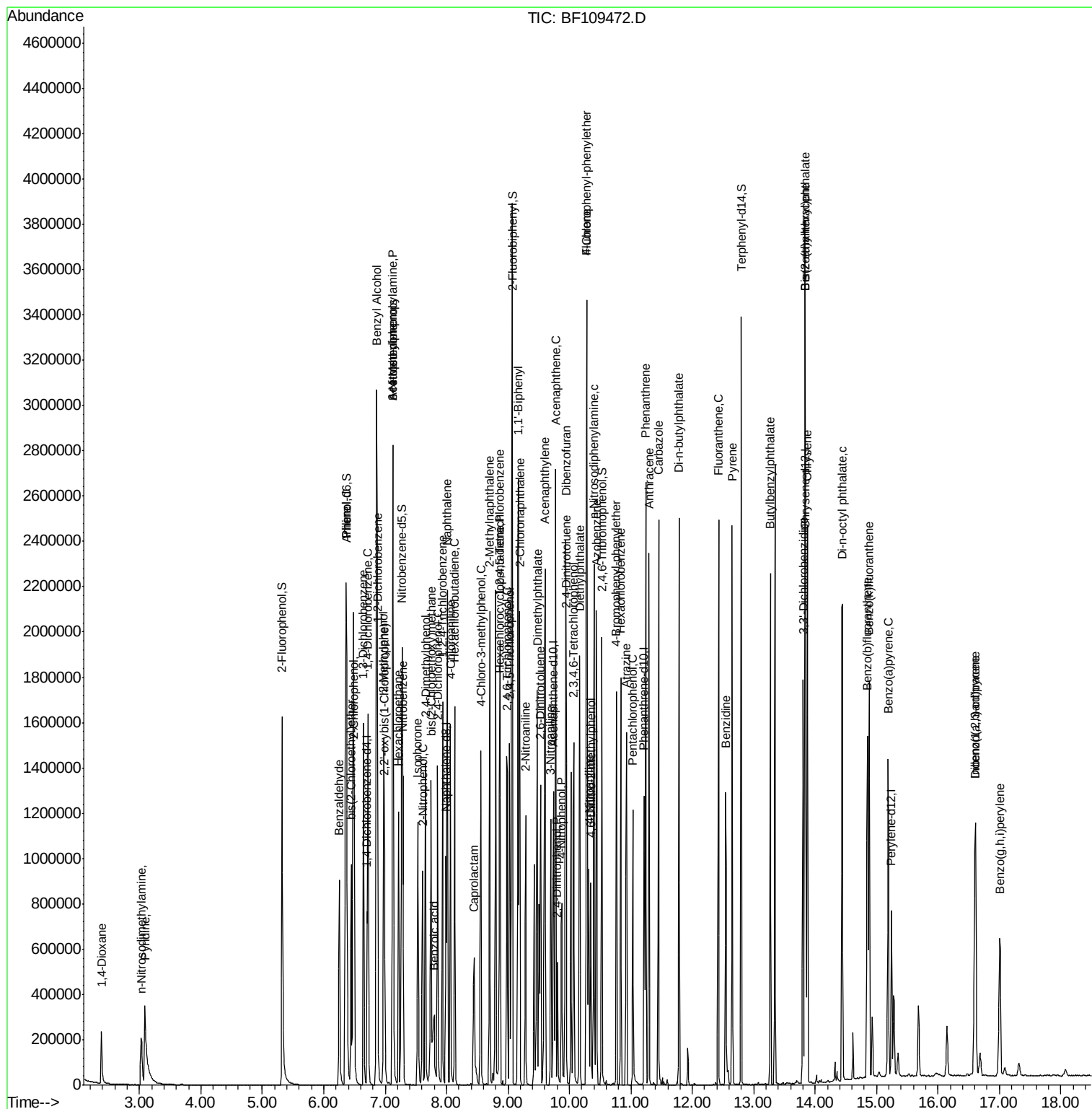
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	225347	44.938	ng	99
43) 2,4,5-Trichlorophenol	9.03	196	235144	44.399	ng	95
45) 1,1'-Biphenyl	9.17	154	830665	41.527	ng	97
46) 2-Chloronaphthalene	9.19	162	664951	41.612	ng	96
47) 2-Nitroaniline	9.29	65	209976	46.346	ng	92
48) Acenaphthylene	9.60	152	985229	40.869	ng	100
49) Dimethylphthalate	9.47	163	765736	42.883	ng	99
50) 2,6-Dinitrotoluene	9.53	165	171994	48.634	ng	94
51) Acenaphthene	9.77	154	591705	40.597	ng	99
52) 3-Nitroaniline	9.70	138	195443	47.721	ng	91
53) 2,4-Dinitrophenol	9.80	184	66081	55.595	ng	# 23
54) Dibenzofuran	9.95	168	887196	40.931	ng	96
55) 4-Nitrophenol	9.87	139	140448	45.523	ng	98
56) 2,4-Dinitrotoluene	9.93	165	217902	48.696	ng	# 92
57) Fluorene	10.29	166	645940	41.767	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.07	232	196652	46.896	ng	89
59) Diethylphthalate	10.17	149	771633	42.673	ng	97
60) 4-Chlorophenyl-phenylether	10.28	204	341776	42.311	ng	94
61) 4-Nitroaniline	10.32	138	196124	49.104	ng	96
62) Azobenzene	10.44	77	773764	41.186	ng	96
64) 4,6-Dinitro-2-methylphenol	10.35	198	105425	53.237	ng	89
65) n-Nitrosodiphenylamine	10.40	169	675003	41.930	ng	95
66) 4-Bromophenyl-phenylether	10.77	248	233991	43.246	ng	# 87
67) Hexachlorobenzene	10.84	284	249384	43.398	ng	# 88
68) Atrazine	10.93	200	204722	41.349	ng	95
69) Pentachlorophenol	11.03	266	161513	46.961	ng	99
70) Phenanthrene	11.24	178	996869	40.976	ng	99
71) Anthracene	11.30	178	1002813	40.641	ng	100
72) Carbazole	11.45	167	1000017	40.733	ng	100
73) Di-n-butylphthalate	11.79	149	1206753	42.698	ng	99
74) Fluoranthene	12.43	202	1035921	39.845	ng	96
76) Benzidine	12.54	184	490056	37.902	ng	100
77) Pyrene	12.65	202	1071867	41.705	ng	99
79) Butylbenzylphthalate	13.27	149	498722	45.611	ng	98
80) Benzo(a)anthracene	13.84	228	831413	38.491	ng	99
81) 3,3'-Dichlorobenzidine	13.80	252	348888	42.501	ng	95
82) Chrysene	13.87	228	863916	40.353	ng	100
83) Bis(2-ethylhexyl)phthalate	13.83	149	613188	44.466	ng	98
84) Di-n-octyl phthalate	14.44	149	1070834	45.416	ng	99
85) Indeno(1,2,3-cd)pyrene	16.60	276	599792	34.563	ng	# 92
87) Benzo(b)fluoranthene	14.85	252	804133	46.081	ng	97
88) Benzo(k)fluoranthene	14.88	252	656396	39.639	ng	97
89) Benzo(a)pyrene	15.19	252	666358	42.377	ng	98
90) Dibenzo(a,h)anthracene	16.62	278	501256	38.856	ng	96
91) Benzo(g,h,i)perylene	17.01	276	486376	38.363	ng	# 93

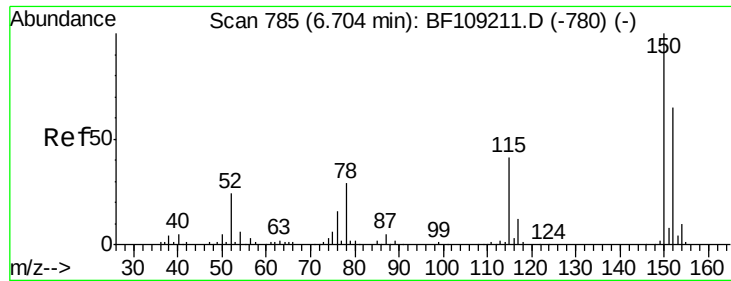
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : BF109472.D  
Acq On    : 1 Oct 2018 15:08  
Operator  : JU/SJ  
Sample    : SSTDCCC040  
Misc      :  
ALS Vial  : 2      Sample Multiplier: 1
```

Instrument :
BNA_F
ClientSampleId :

Quant Time: Oct 01 15:45:57 2018
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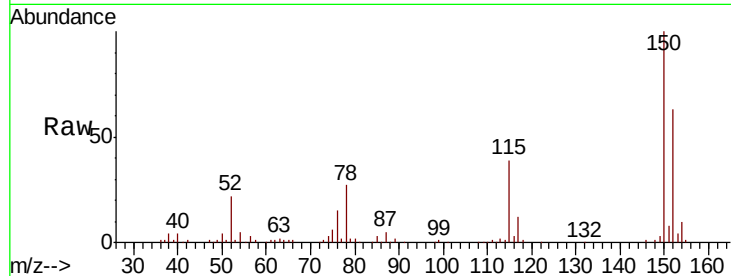


#1

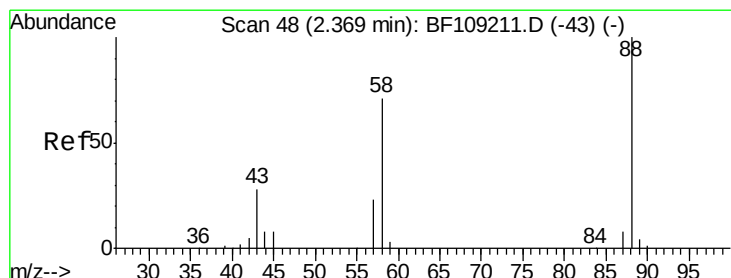
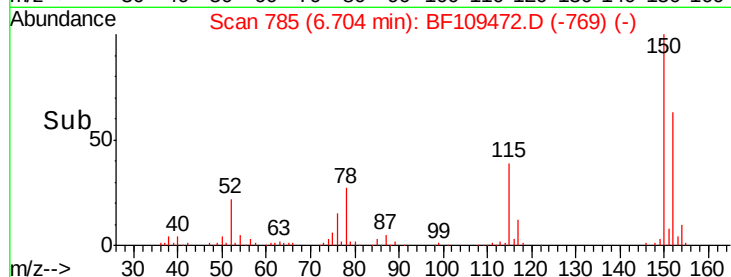
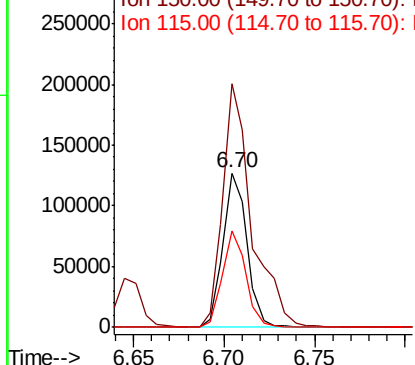
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109472.D
Acq: 1 Oct 2018 15:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 117315
Ion Ratio Lower Upper
152 100
150 157.7 124.6 186.8
115 62.1 50.1 75.1



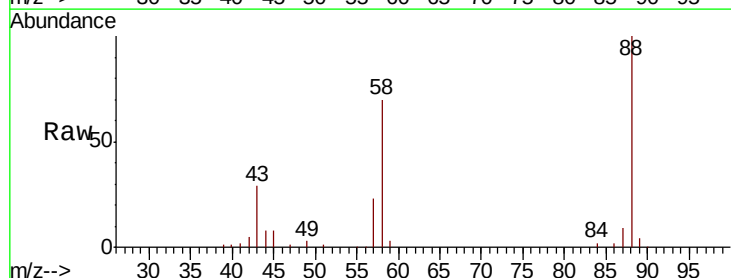
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



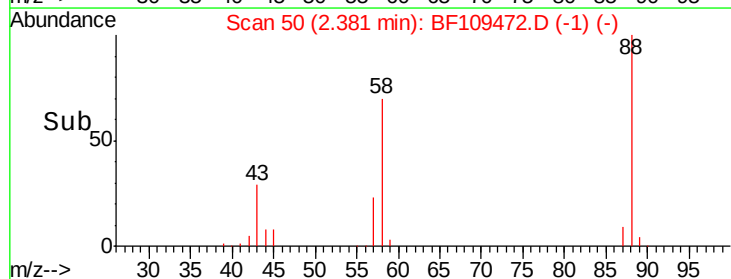
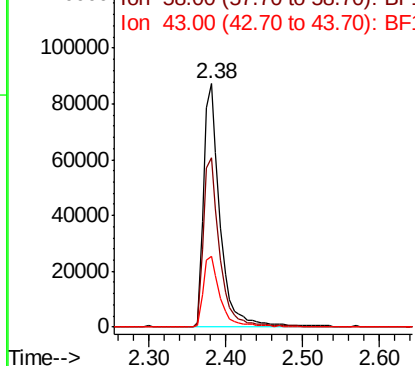
#2

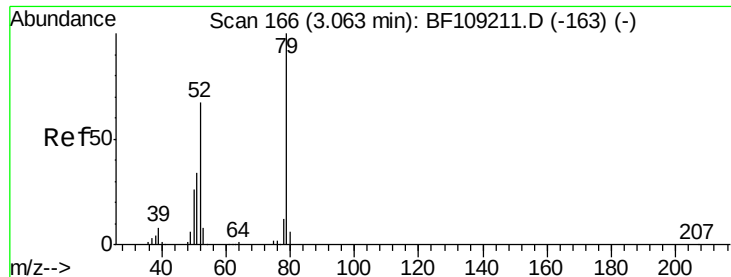
1,4-Dioxane
Concen: 39.439 ng
RT: 2.38 min Scan# 50
Delta R.T. 0.01 min
Lab File: BF109472.D
Acq: 1 Oct 2018 15:08

Tgt Ion: 88 Resp: 129372
Ion Ratio Lower Upper
88 100
58 68.9 62.6 93.8
43 29.9 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: 41.883 ng

RT: 3.09 min Scan# 170

Delta R.T. 0.02 min

Lab File: BF109472.D

Acq: 1 Oct 2018 15:08

Instrument :

BNA_F

ClientSampleId :

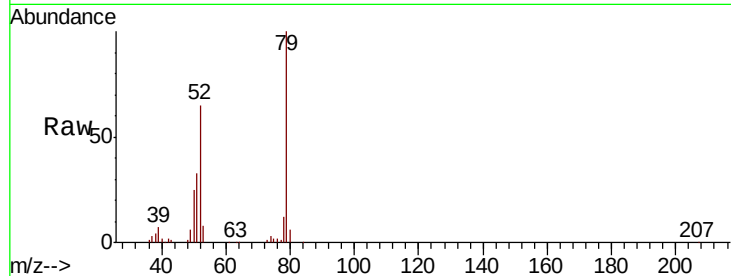
Tot Ion: 79 Resp: 353613

Ion Ratio Lower Upper

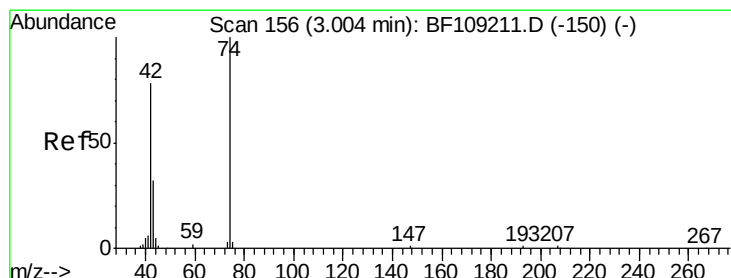
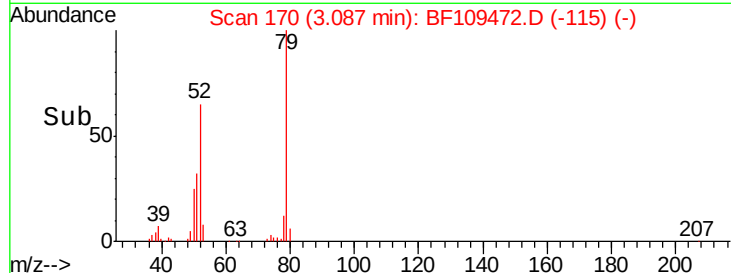
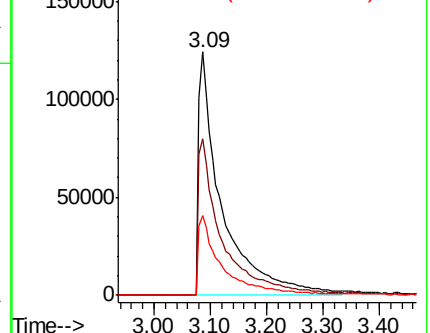
79 100

52 64.5 59.8 89.6

51 32.6 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: 38.528 ng

RT: 3.03 min Scan# 160

Delta R.T. 0.01 min

Lab File: BF109472.D

Acq: 1 Oct 2018 15:08

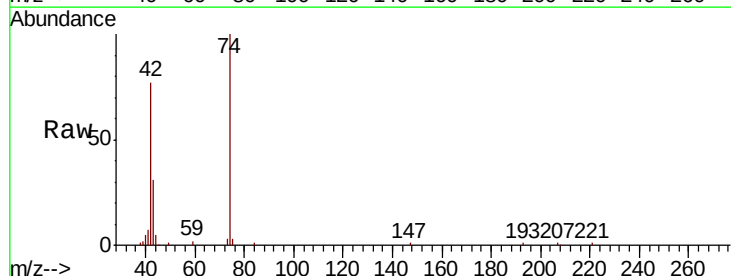
Tgt Ion: 42 Resp: 138433

Ion Ratio Lower Upper

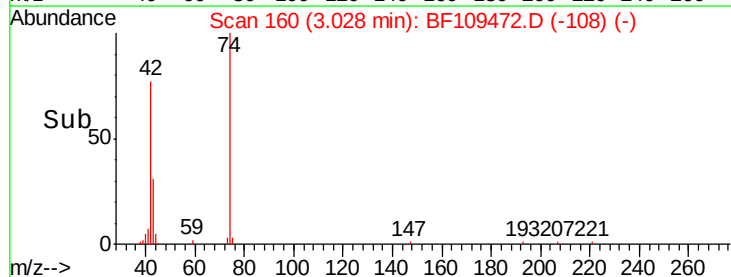
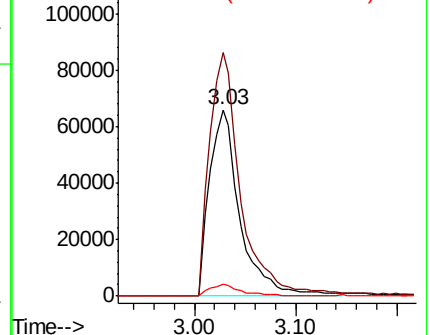
42 100

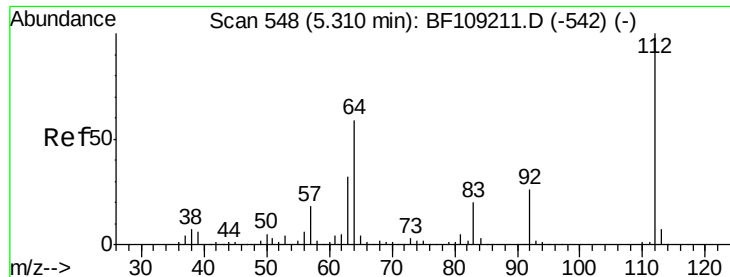
74 130.7 104.9 157.3

44 6.2 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: 86.328 ng

RT: 5.32 min Scan# 550

Delta R.T. 0.01 min

Lab File: BF109472.D

Acq: 1 Oct 2018 15:08

Instrument :

BNA_F

ClientSampled :

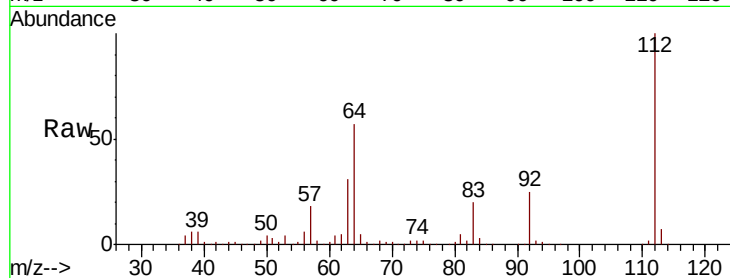
Tot Ion:112 Resp: 614880

Ion Ratio Lower Upper

112 100

64 57.3 47.9 71.9

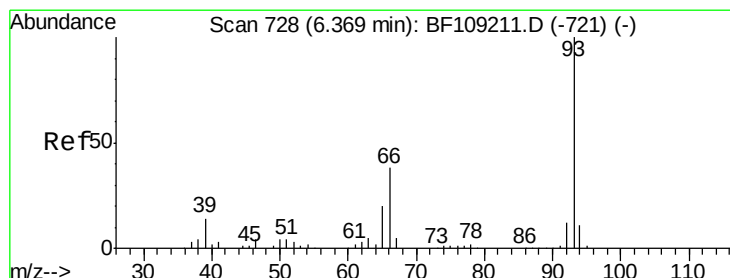
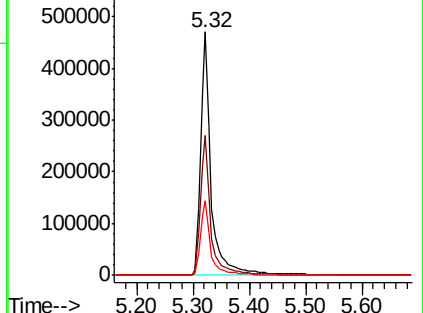
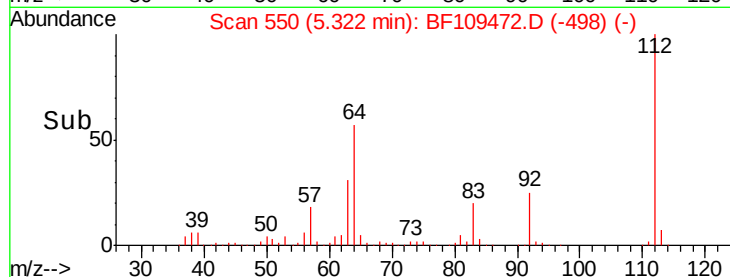
63 30.7 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 40.967 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF109472.D

Acq: 1 Oct 2018 15:08

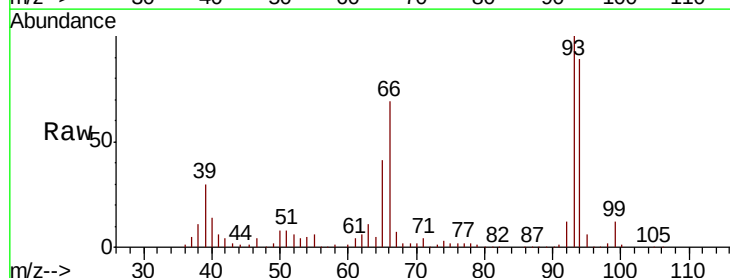
Tgt Ion: 93 Resp: 476373

Ion Ratio Lower Upper

93 100

66 68.8 32.2 48.2#

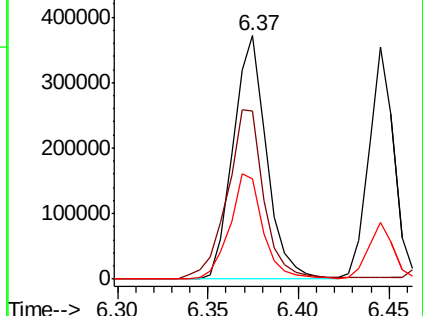
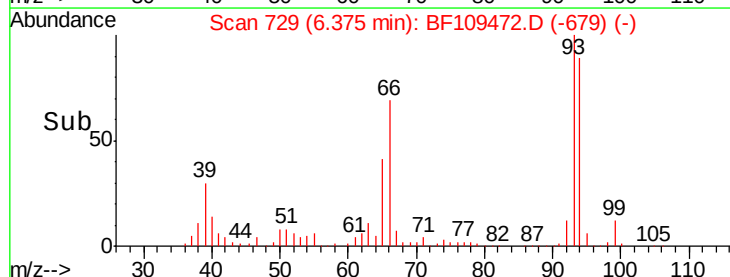
65 41.4 16.4 24.6#

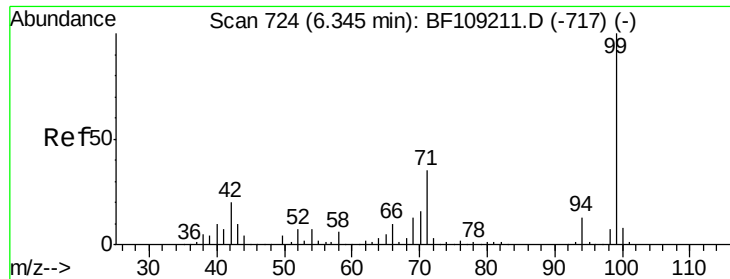


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 84.147 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF109472.D

Acq: 1 Oct 2018 15:08

Instrument :

BNA_F

ClientSampleId :

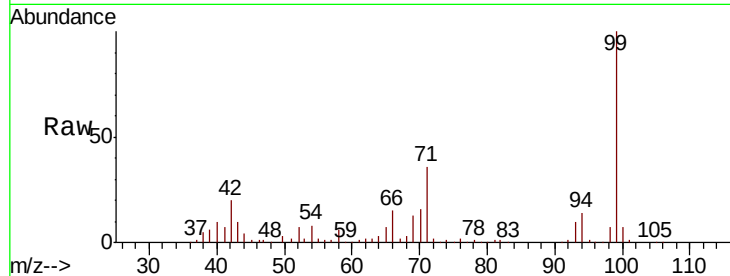
Tot Ion: 99 Resp: 764786

Ion Ratio Lower Upper

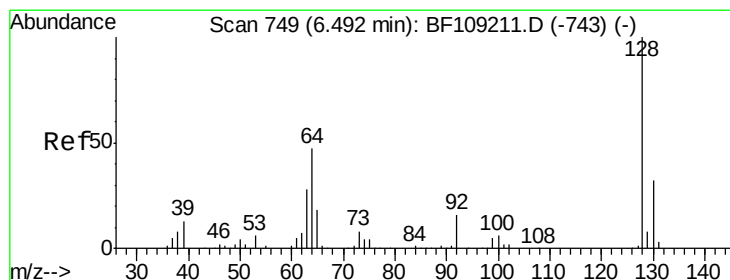
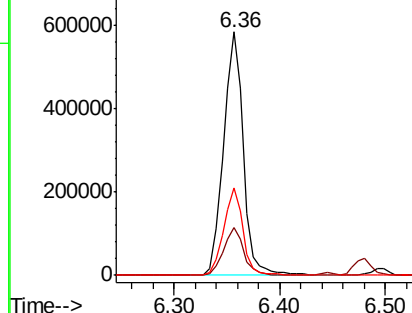
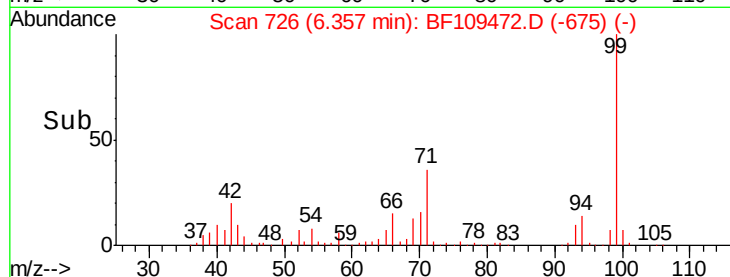
99 100

42 19.8 14.5 21.7

71 35.9 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: 43.557 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF109472.D

Acq: 1 Oct 2018 15:08

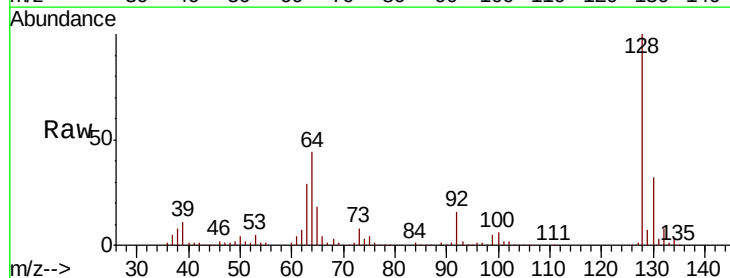
Tgt Ion: 128 Resp: 344999

Ion Ratio Lower Upper

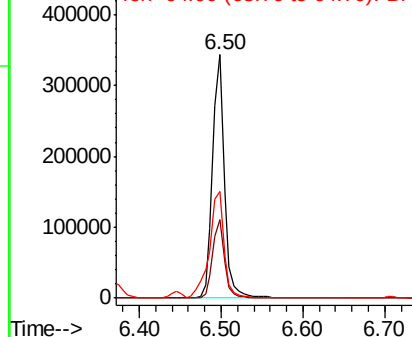
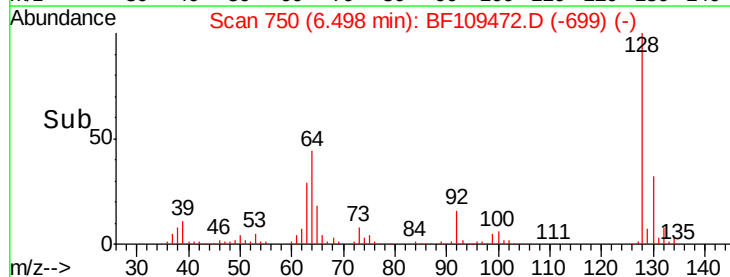
128 100

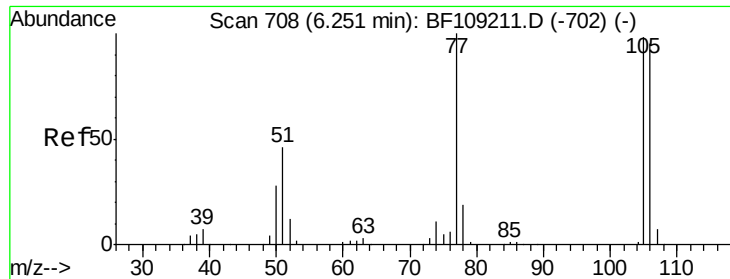
130 32.4 13.0 53.0

64 43.9 29.4 69.4



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





#9

Benzaldehyde

Concen: 38.310 ng

RT: 6.25 min Scan# 708

Delta R.T. -0.00 min

Lab File: BF109472.D

Acq: 1 Oct 2018 15:08

Instrument :

BNA_F

ClientSampled :

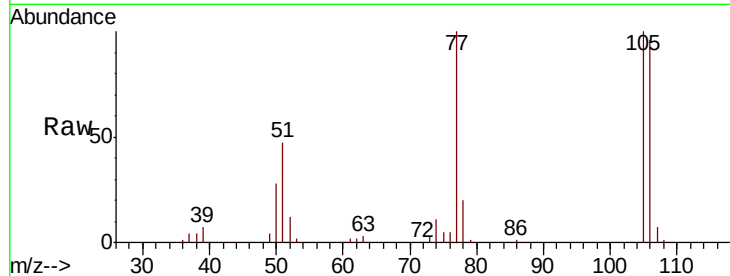
Tot Ion: 77 Resp: 223676

Ion Ratio Lower Upper

77 100

105 99.8 81.1 121.1

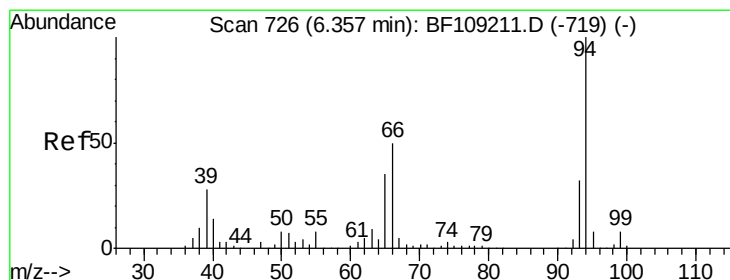
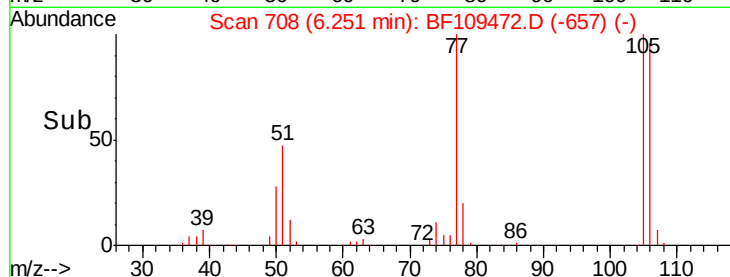
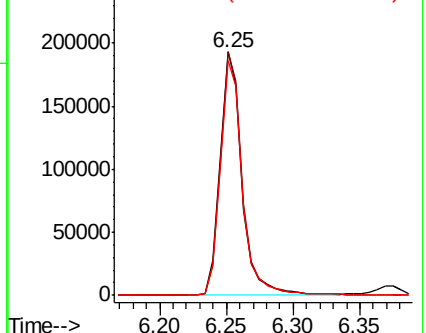
106 96.2 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 41.337 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF109472.D

Acq: 1 Oct 2018 15:08

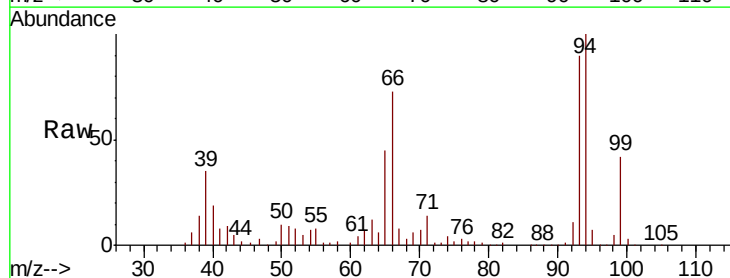
Tgt Ion: 94 Resp: 425472

Ion Ratio Lower Upper

94 100

65 45.0 7.9 47.9

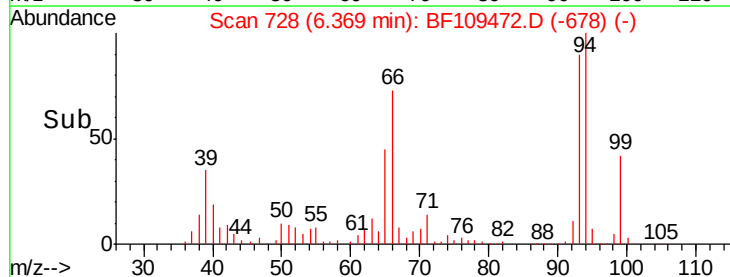
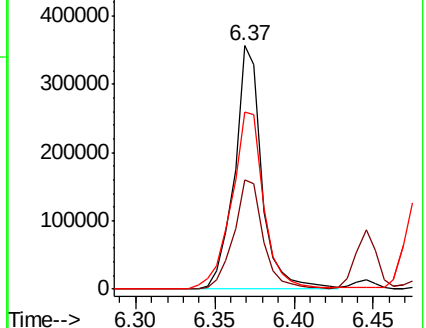
66 72.6 16.2 56.2#

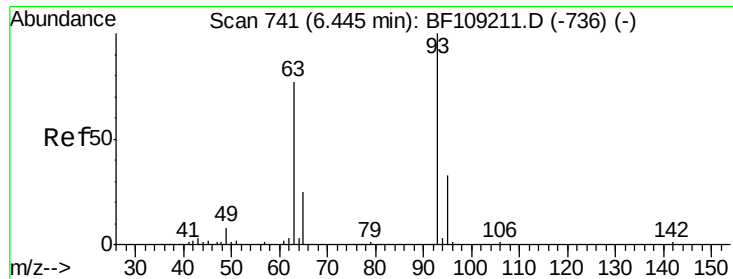


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

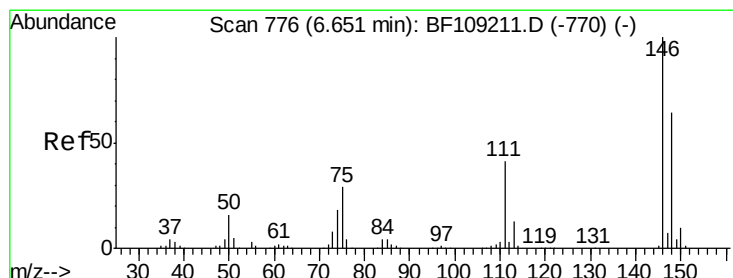
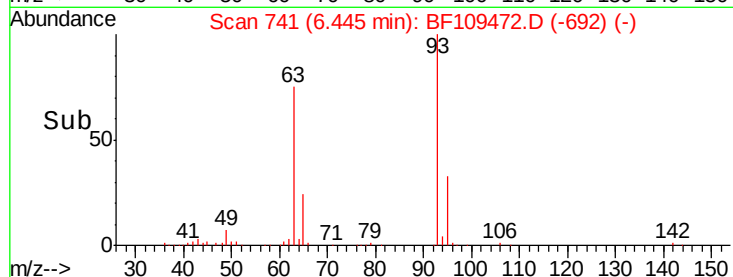
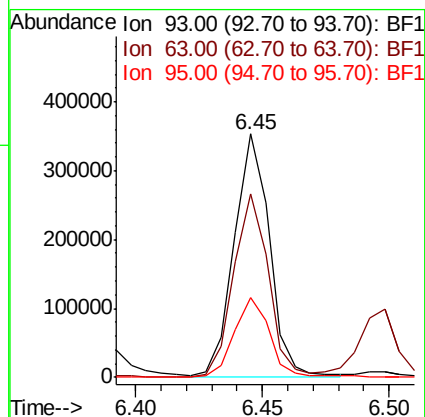
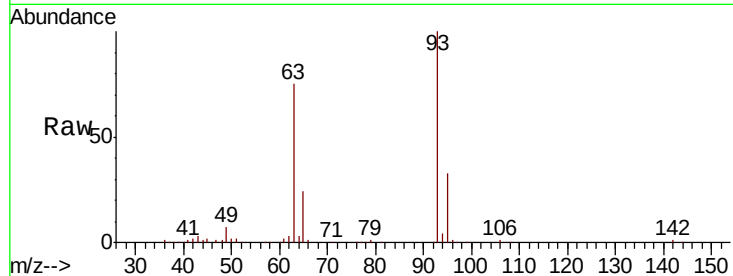




#11
bis(2-Chloroethyl)ether
Concen: 42.810 ng
RT: 6.45 min Scan# 741
Delta R.T. -0.01 min
Lab File: BF109472.D
Acq: 1 Oct 2018 15:08

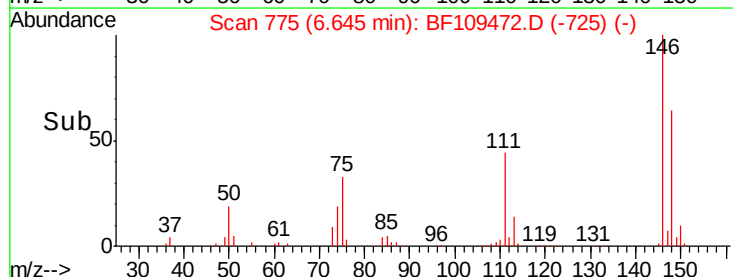
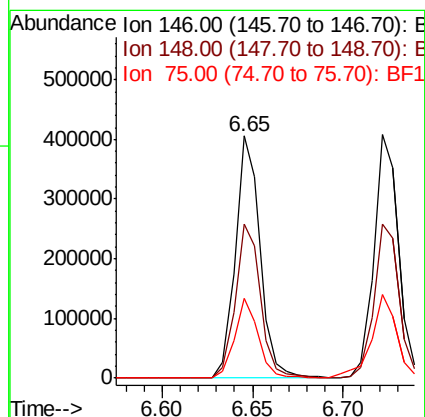
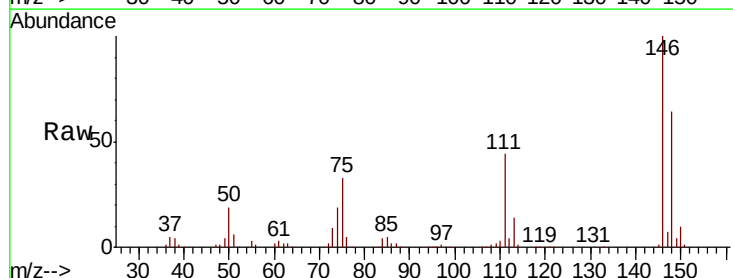
Instrument :
BNA_F
ClientSampleId :

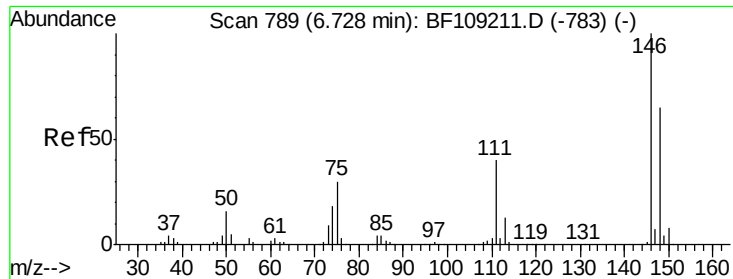
Tot Ion: 93 Resp: 344790
Ion Ratio Lower Upper
93 100
63 75.4 58.6 98.6
95 32.8 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 42.385 ng
RT: 6.65 min Scan# 775
Delta R.T. -0.01 min
Lab File: BF109472.D
Acq: 1 Oct 2018 15:08

Tgt Ion: 146 Resp: 386526
Ion Ratio Lower Upper
146 100
148 63.8 51.8 77.8
75 33.2 24.2 36.4

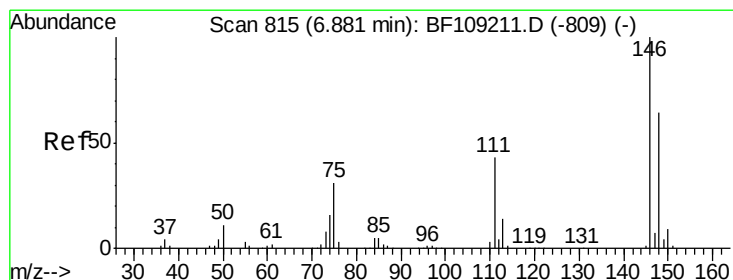
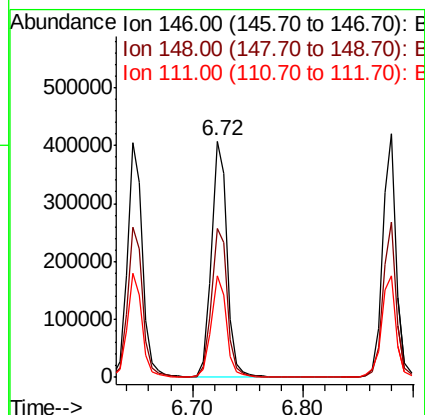
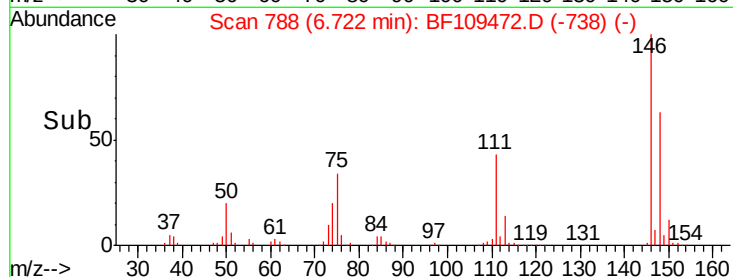
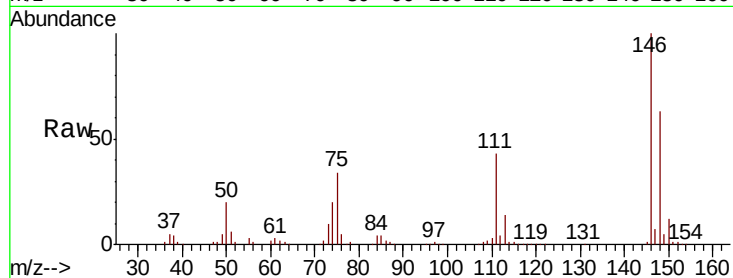




#13
 1,4-Dichlorobenzene
 Concen: 42.405 ng
 RT: 6.72 min Scan# 788
 Delta R.T. -0.01 min
 Lab File: BF109472.D
 Acq: 1 Oct 2018 15:08

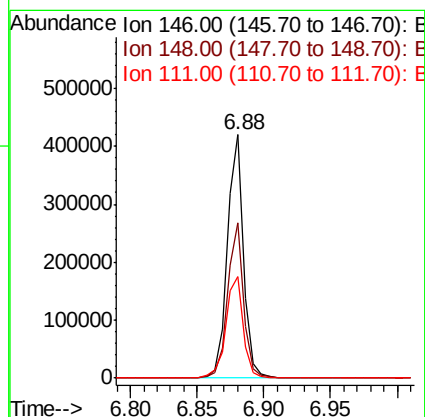
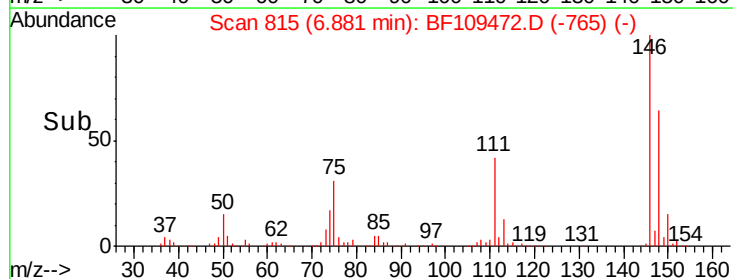
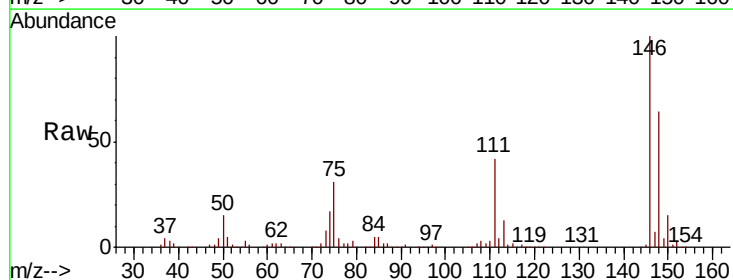
Instrument :
 BNA_F
 ClientSampleId :

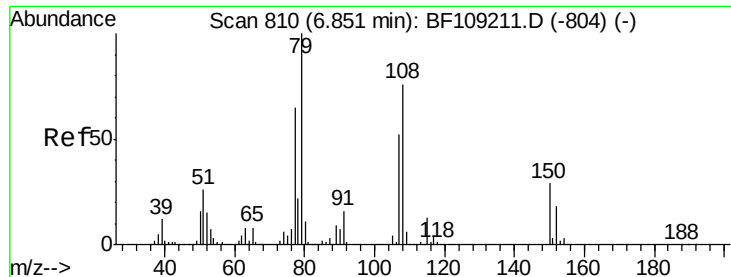
Tot Ion:146 Resp: 389593
 Ion Ratio Lower Upper
 146 100
 148 63.0 50.8 76.2
 111 42.8 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 42.380 ng
 RT: 6.88 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF109472.D
 Acq: 1 Oct 2018 15:08

Tgt Ion:146 Resp: 359176
 Ion Ratio Lower Upper
 146 100
 148 63.5 50.6 75.8
 111 42.0 36.0 54.0





#15

Benzyl Alcohol

Concen: 42.302 ng

RT: 6.86 min Scan# 811

Delta R.T. -0.01 min

Lab File: BF109472.D

Acq: 1 Oct 2018 15:08

Instrument :

BNA_F

ClientSampleId :

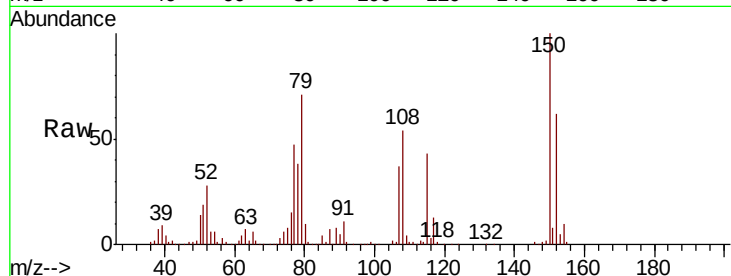
Tot Ion: 79 Resp: 294293

Ion Ratio Lower Upper

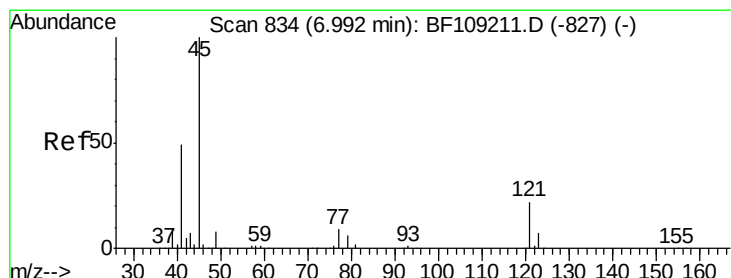
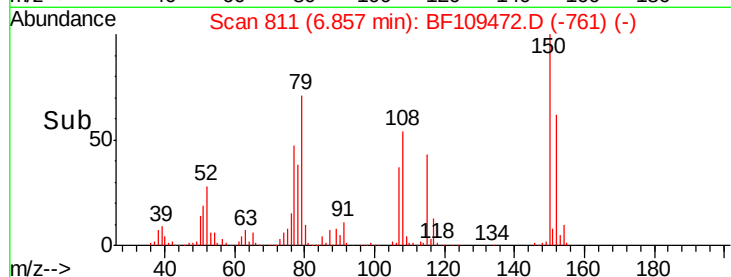
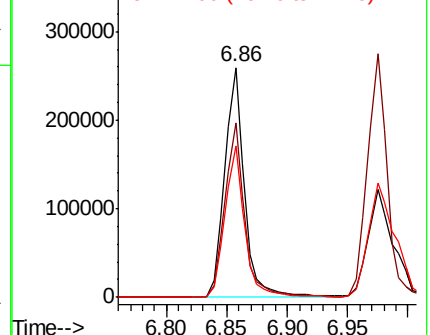
79 100

108 75.8 65.1 97.7

77 65.7 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: 40.438 ng

RT: 6.99 min Scan# 834

Delta R.T. -0.01 min

Lab File: BF109472.D

Acq: 1 Oct 2018 15:08

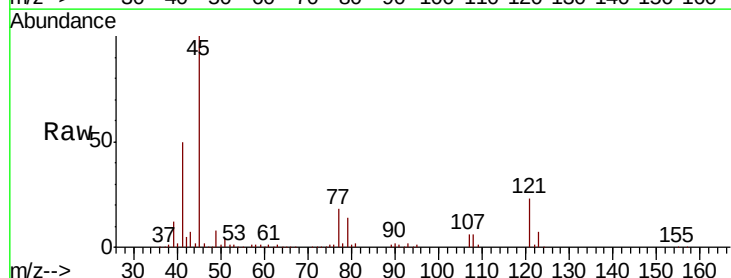
Tgt Ion: 45 Resp: 461959

Ion Ratio Lower Upper

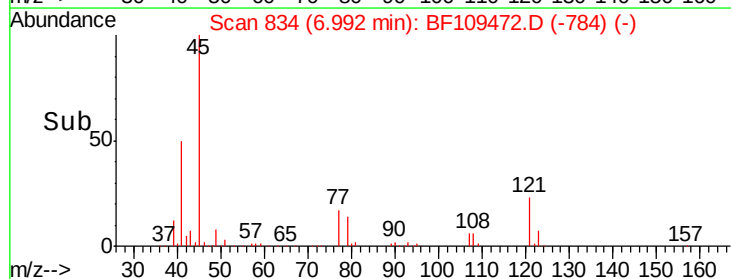
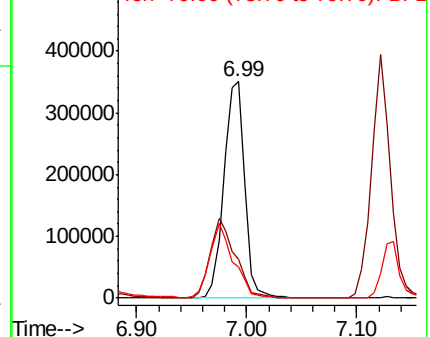
45 100

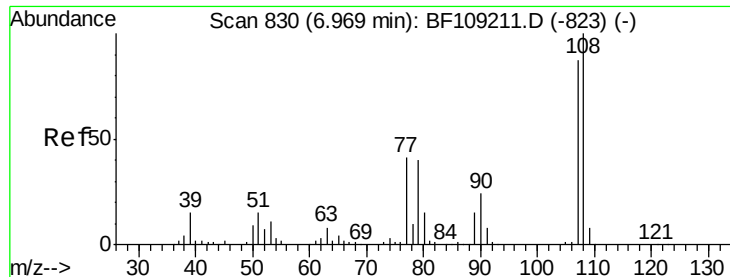
77 17.8 0.0 32.9

79 14.1 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

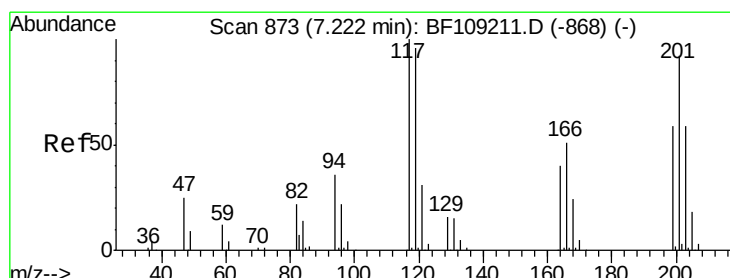
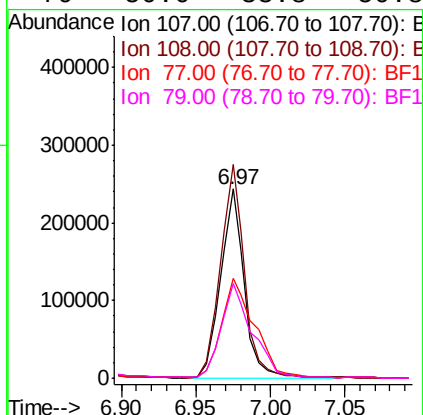
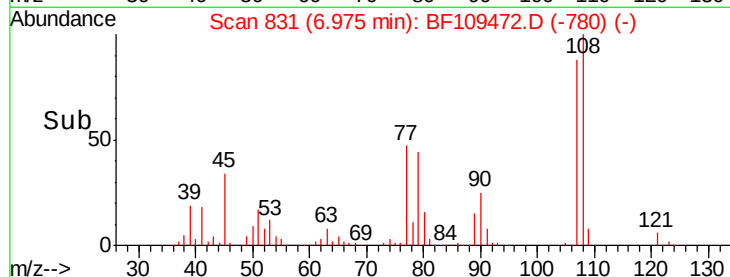
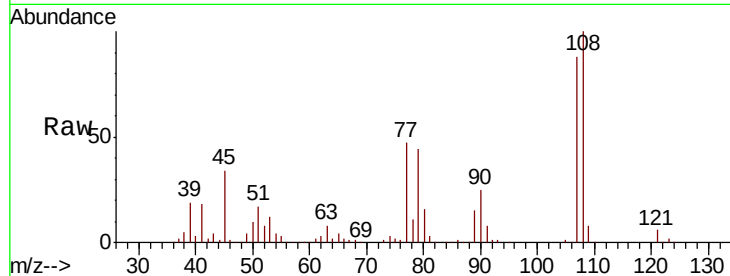




#17
2-Methylphenol
Concen: 42.299 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.00 min
Lab File: BF109472.D
Acq: 1 Oct 2018 15:08

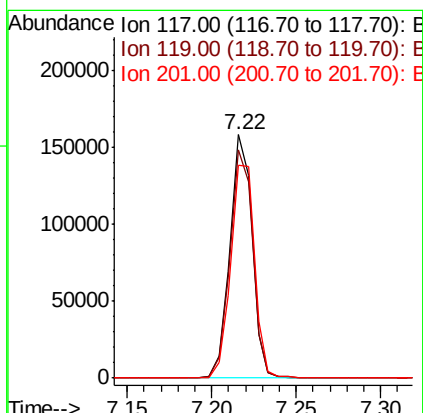
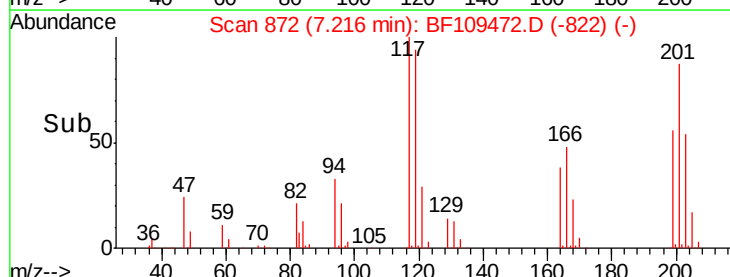
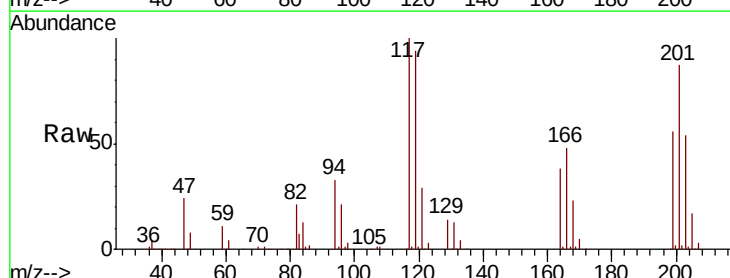
Instrument :
BNA_F
ClientSampleId :

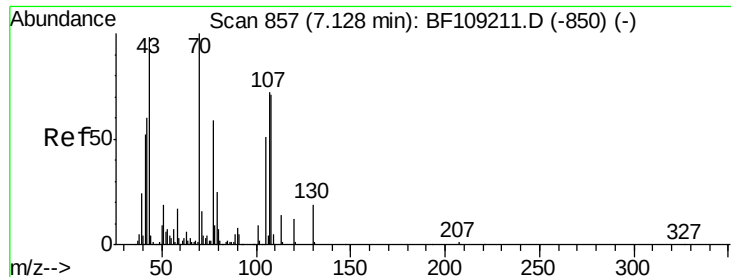
Tot Ion	Ratio	Lower	Upper
107	100		
108	113.1	91.7	137.5
77	52.9	33.8	50.8
79	50.0	33.8	50.8



#18
Hexachloroethane
Concen: 44.826 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF109472.D
Acq: 1 Oct 2018 15:08

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.5	75.8	113.8
201	87.4	75.7	113.5

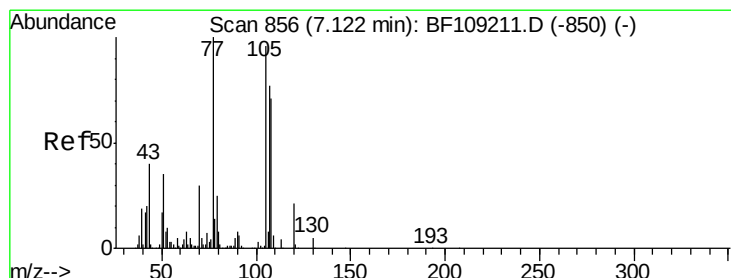
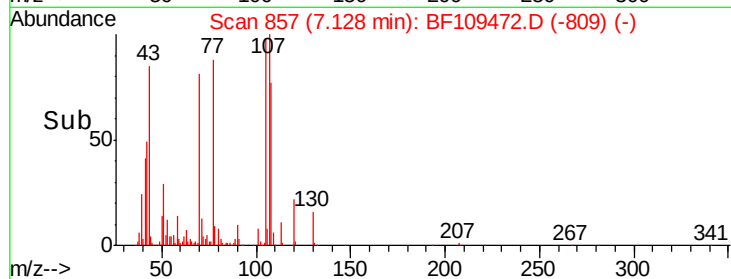
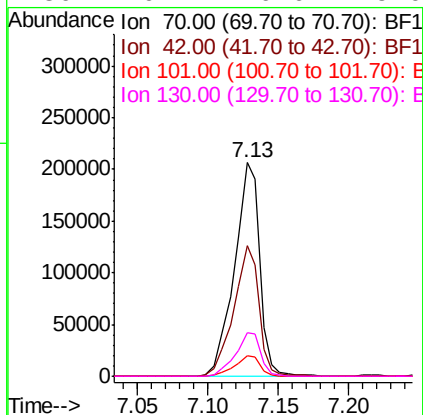
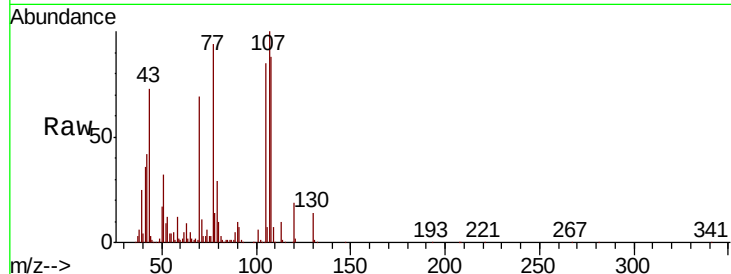




#19
n-Nitroso-di-n-propylamine
Concen: 43.156 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.02 min
Lab File: BF109472.D
Acq: 1 Oct 2018 15:08

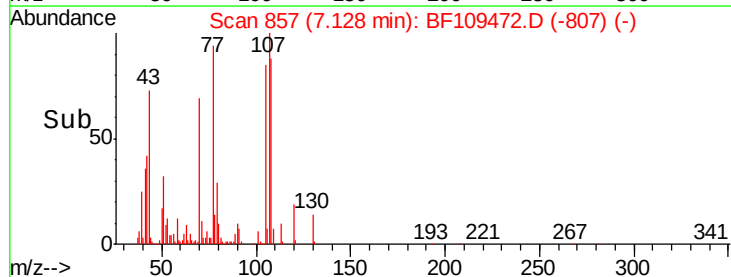
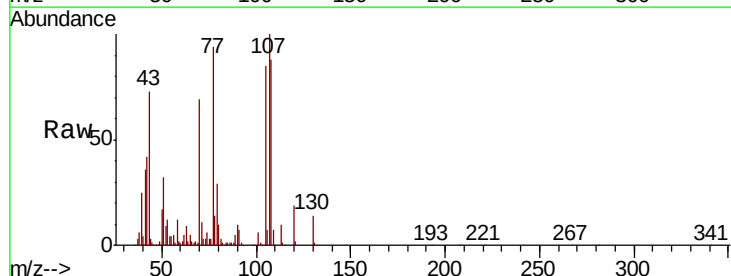
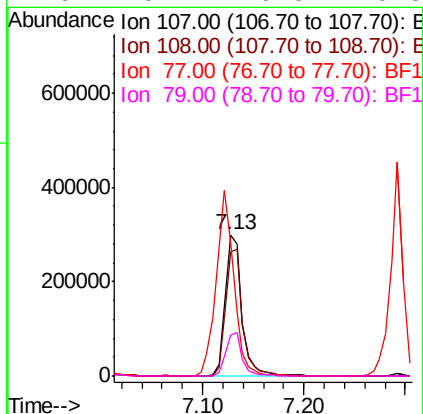
Instrument :
BNA_F
ClientSampleId :

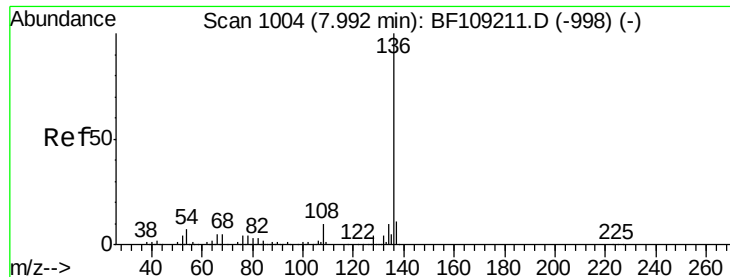
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	61.3	47.5	71.3	
101	9.4	7.4	11.2	
130	20.1	16.6	25.0	



#20
3+4-Methylphenols
Concen: 43.602 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.01 min
Lab File: BF109472.D
Acq: 1 Oct 2018 15:08

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.1	68.2	108.2	
77	94.4	26.7	66.7	
79	29.4	6.3	46.3	

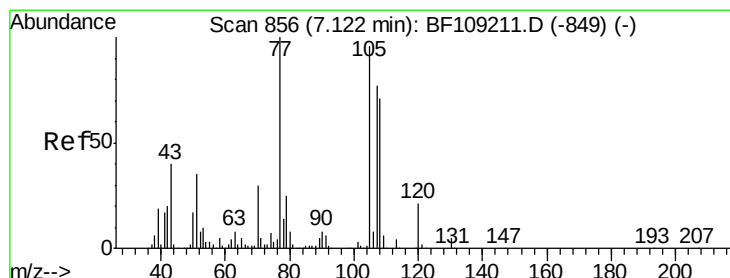
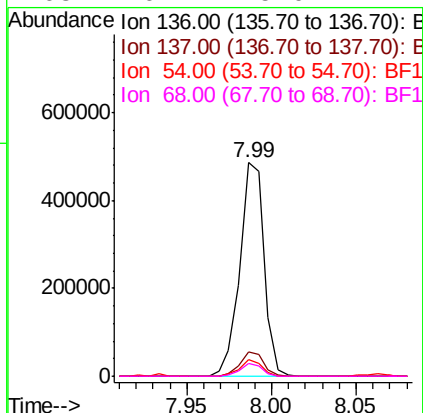
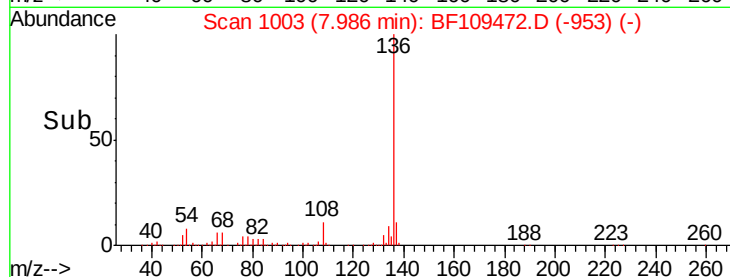
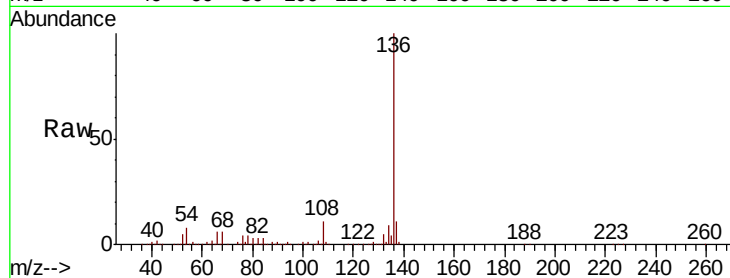




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF109472.D
Acq: 1 Oct 2018 15:08

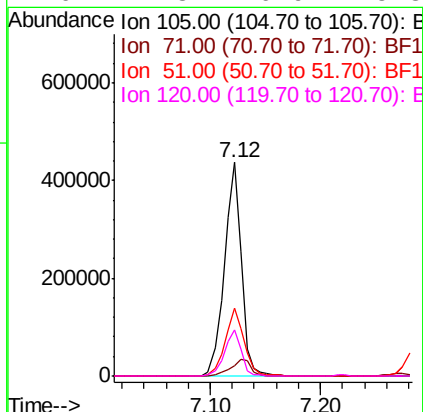
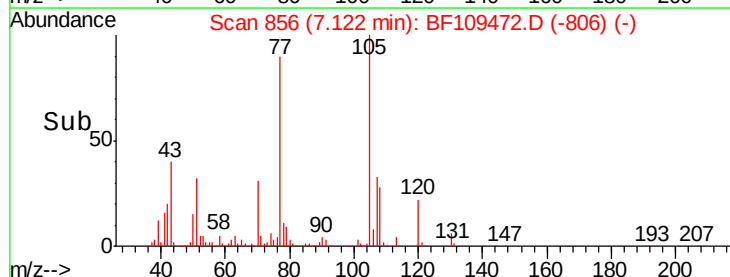
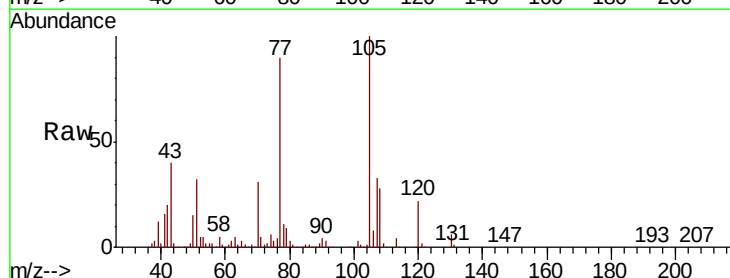
Instrument :
BNA_F
ClientSampleId :

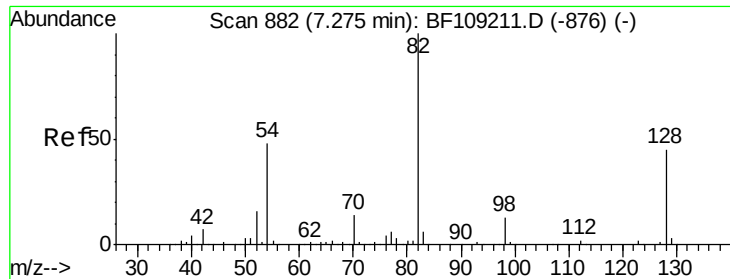
Tot Ion:136	Resp:	487730	
Ion Ratio	Lower	Upper	
136 100			
137 11.2	8.9	13.3	
54 7.5	6.6	9.8	
68 6.1	5.0	7.4	



#22
Acetophenone
Concen: 41.690 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF109472.D
Acq: 1 Oct 2018 15:08

Tgt	Ion:105	Resp:	470111
Ion	Ratio	Lower	Upper
105	100		
71	5.1	4.4	6.6
51	31.5	22.3	33.5
120	21.8	16.9	25.3

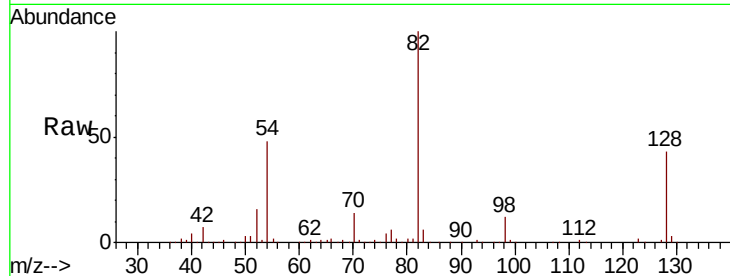




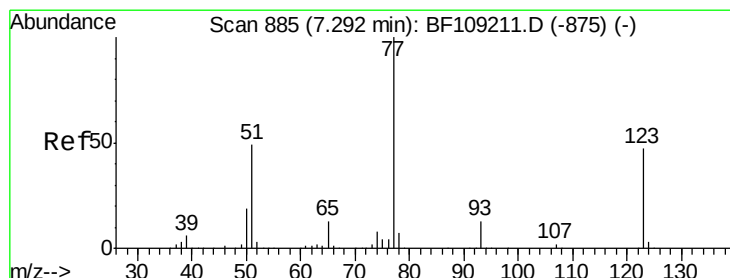
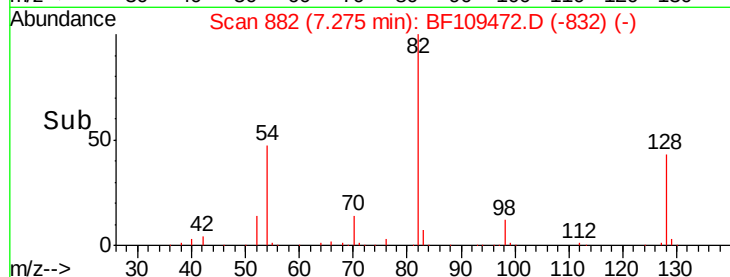
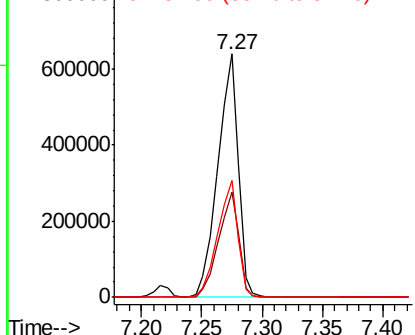
#23
 Nitrobenzene-d5
 Concen: 90.140 ng
 RT: 7.27 min Scan# 882
 Delta R.T. -0.01 min
 Lab File: BF109472.D
 Acq: 1 Oct 2018 15:08

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	82	Resp	744756
Ion Ratio	100		
Lower	36.1		
Upper	54.1		
54	47.8	41.4	62.2

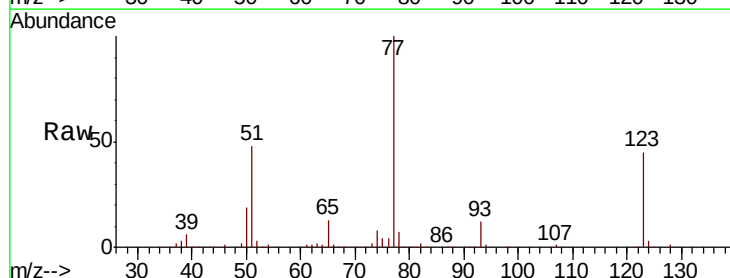


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

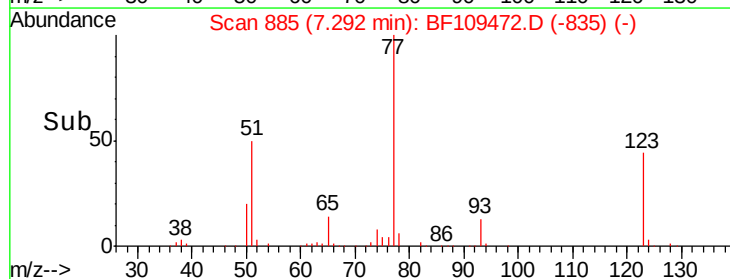
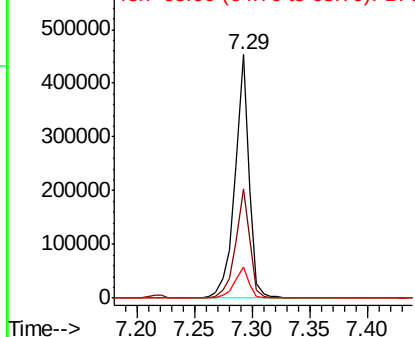


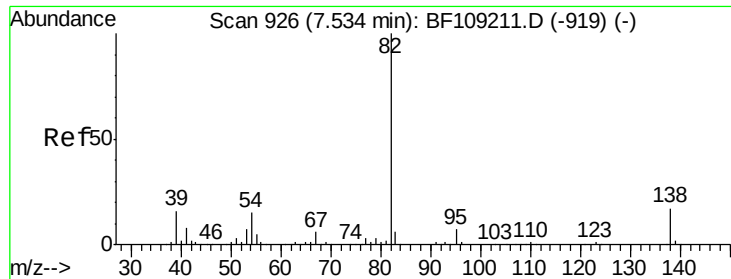
#24
 Nitrobenzene
 Concen: 43.240 ng
 RT: 7.29 min Scan# 885
 Delta R.T. -0.01 min
 Lab File: BF109472.D
 Acq: 1 Oct 2018 15:08

Tgt Ion	77	Resp	379858
Ion Ratio	100		
Lower	37.9		
Upper	56.9		
123	44.8	11.0	16.4
65	13.0		



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





#25

Isophorone

Concen: 42.882 ng

RT: 7.53 min Scan# 926

Delta R.T. -0.01 min

Lab File: BF109472.D

Acq: 1 Oct 2018 15:08

Instrument :

BNA_F

ClientSampleId :

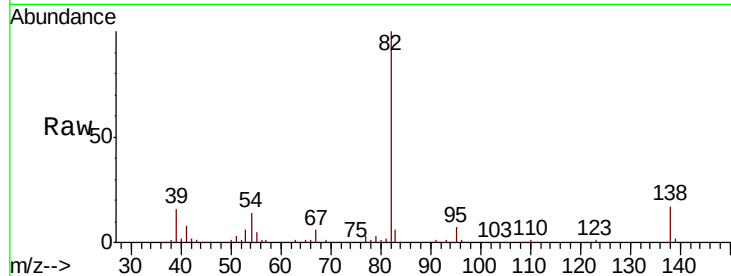
Tot Ion: 82 Resp: 637998

Ion Ratio Lower Upper

82 100

95 7.0 5.2 7.8

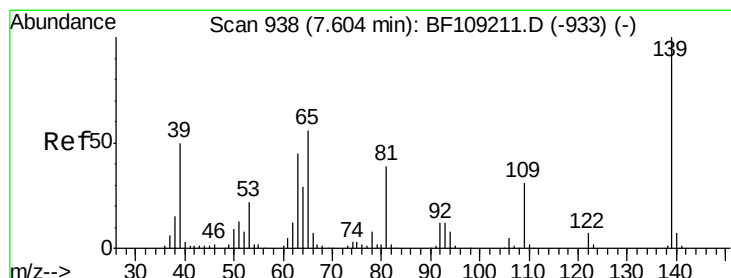
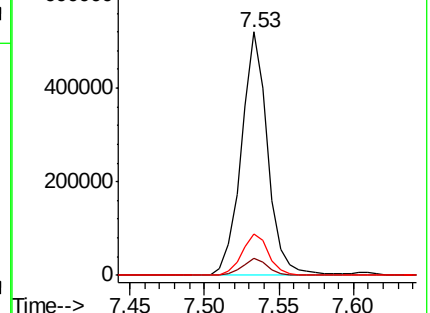
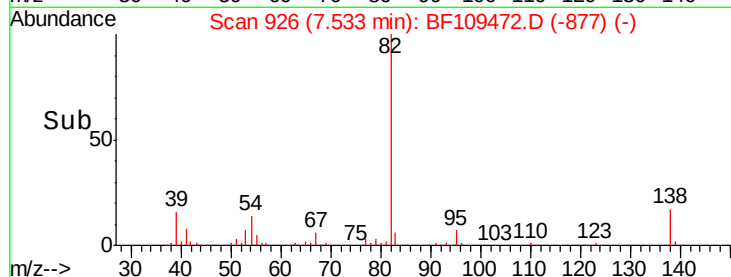
138 17.2 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 53.595 ng

RT: 7.61 min Scan# 939

Delta R.T. -0.00 min

Lab File: BF109472.D

Acq: 1 Oct 2018 15:08

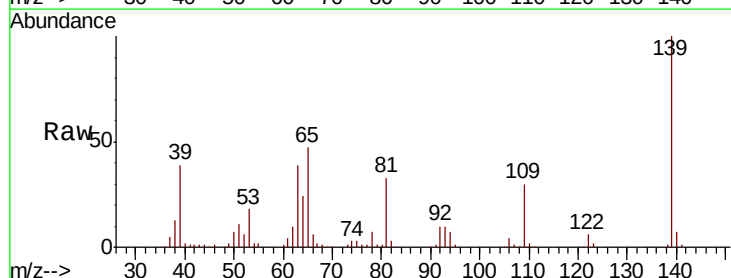
Tgt Ion: 139 Resp: 186198

Ion Ratio Lower Upper

139 100

109 30.0 22.7 34.1

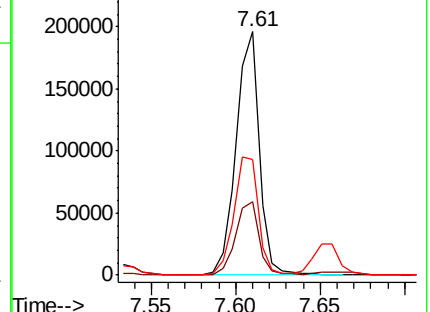
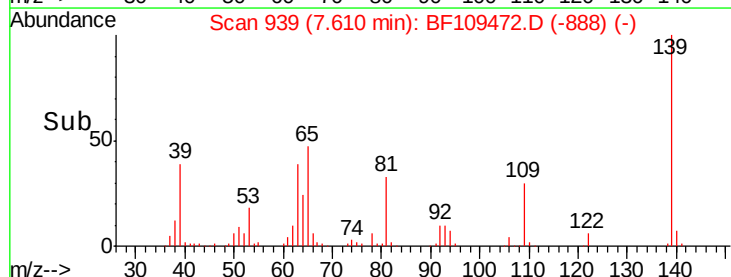
65 47.4 40.5 60.7

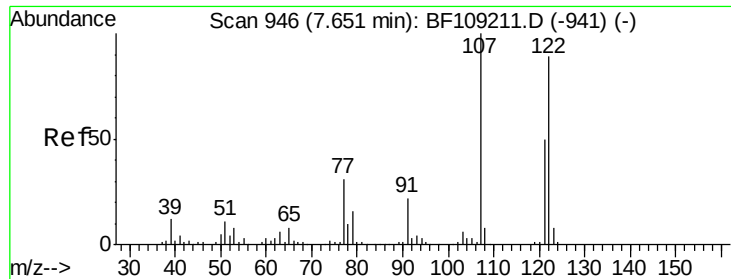


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

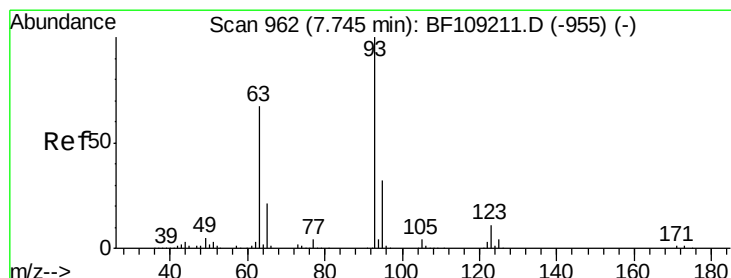
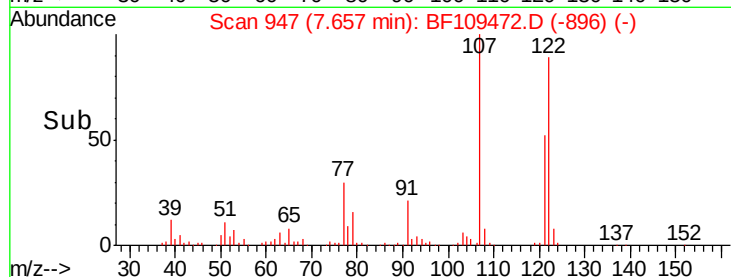
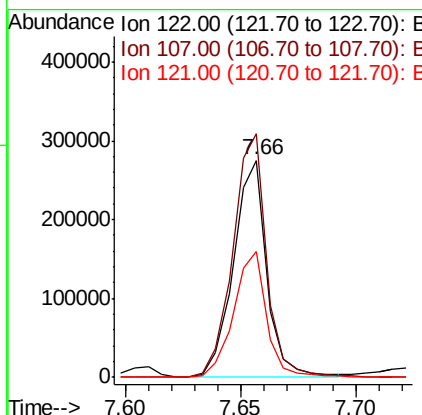
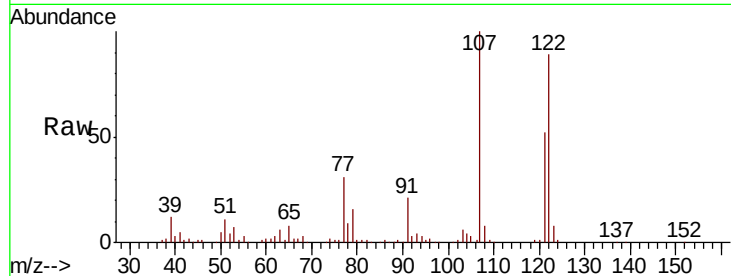




#27
 2,4-Dimethylphenol
 Concen: 42.772 ng
 RT: 7.66 min Scan# 947
 Delta R.T. -0.00 min
 Lab File: BF109472.D
 Acq: 1 Oct 2018 15:08

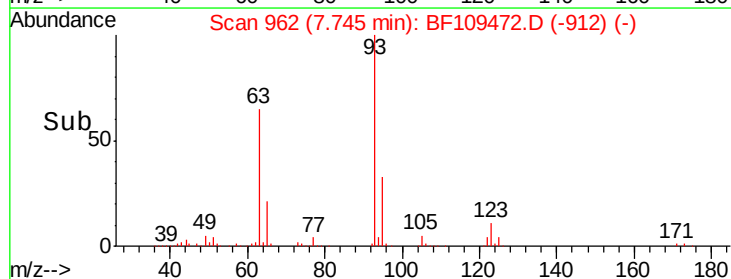
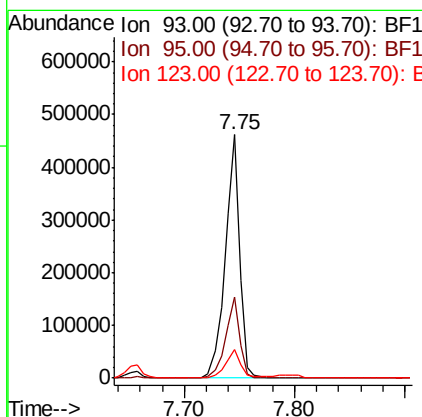
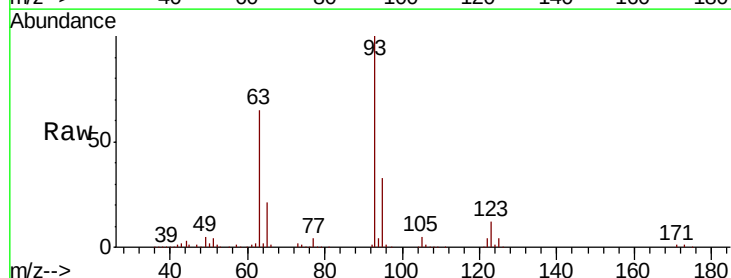
Instrument :
 BNA_F
 ClientSampleId :

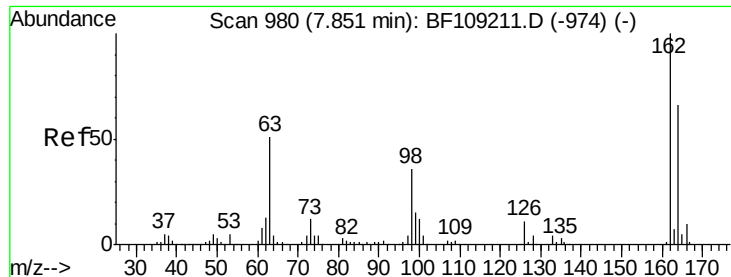
Tot Ion:122 Resp: 277282
 Ion Ratio Lower Upper
 122 100
 107 112.1 91.2 136.8
 121 58.0 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.678 ng
 RT: 7.75 min Scan# 962
 Delta R.T. -0.01 min
 Lab File: BF109472.D
 Acq: 1 Oct 2018 15:08

Tgt Ion: 93 Resp: 420326
 Ion Ratio Lower Upper
 93 100
 95 33.1 26.3 39.5
 123 11.5 9.8 14.6

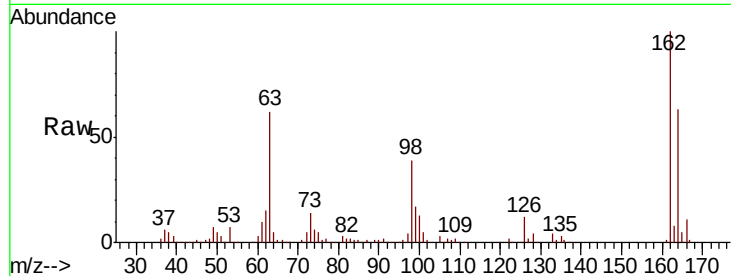




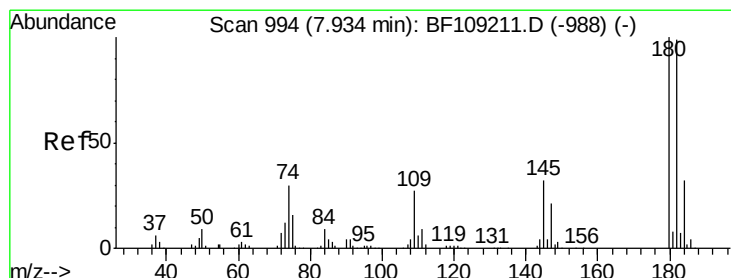
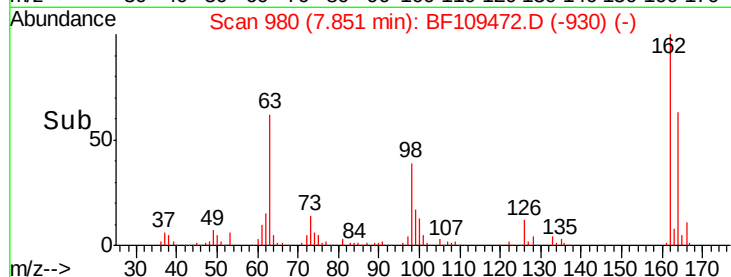
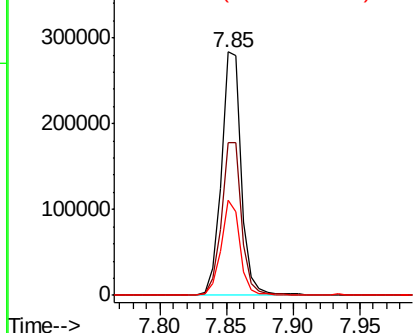
#29
 2,4-Dichlorophenol
 Concen: 44.123 ng
 RT: 7.85 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: BF109472.D
 Acq: 1 Oct 2018 15:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.6	42.7	82.7
98	39.2	18.1	58.1

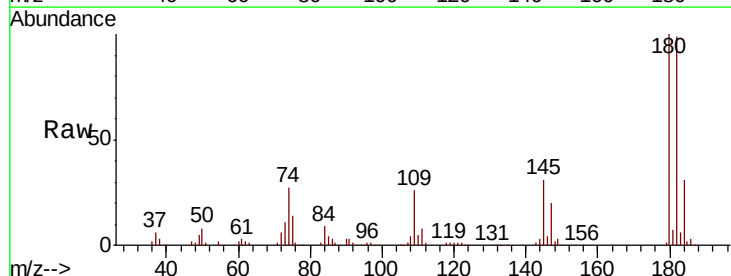


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

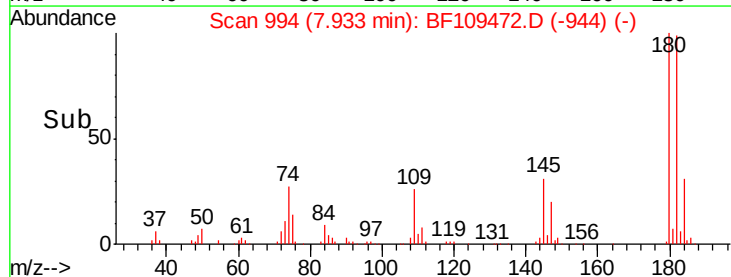
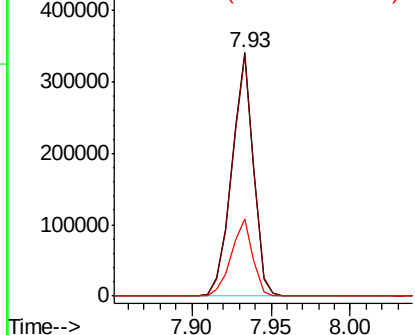


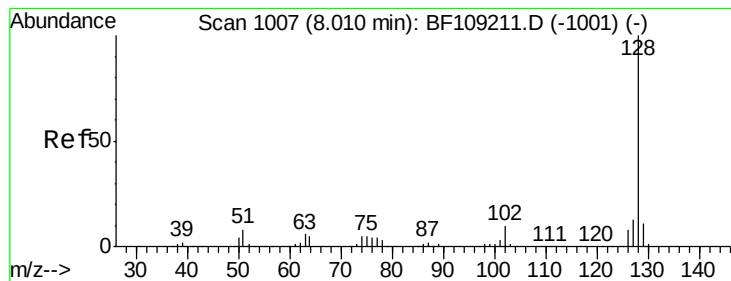
#30
 1,2,4-Trichlorobenzene
 Concen: 42.117 ng
 RT: 7.93 min Scan# 994
 Delta R.T. -0.01 min
 Lab File: BF109472.D
 Acq: 1 Oct 2018 15:08

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.1	76.8	115.2
145	31.5	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: 41.686 ng

RT: 8.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF109472.D

Acq: 1 Oct 2018 15:08

Instrument :

BNA_F

ClientSampleId :

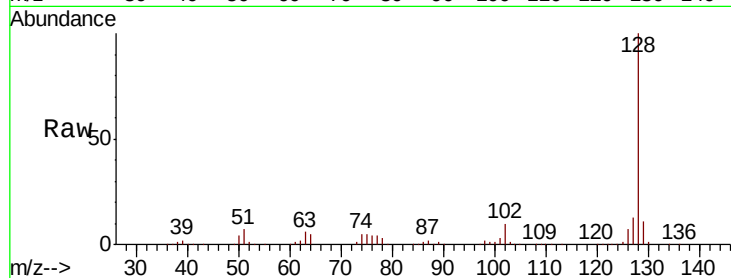
Tot Ion:128 Resp: 950076

Ion Ratio Lower Upper

128 100

129 11.3 8.8 13.2

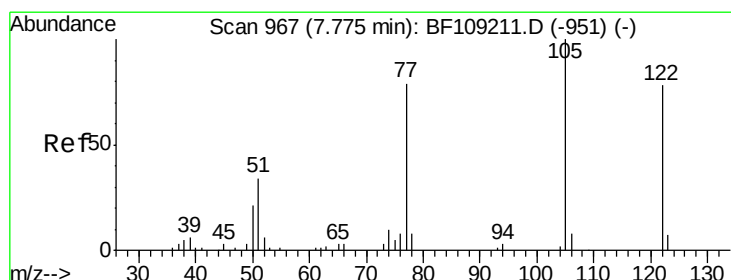
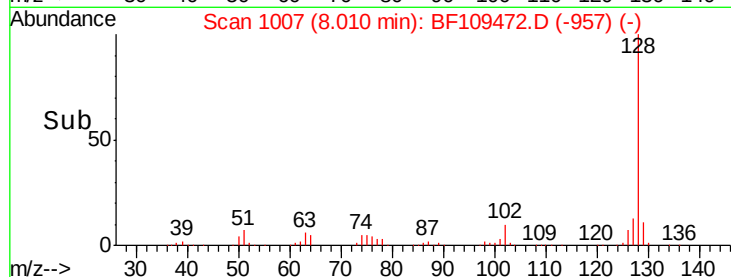
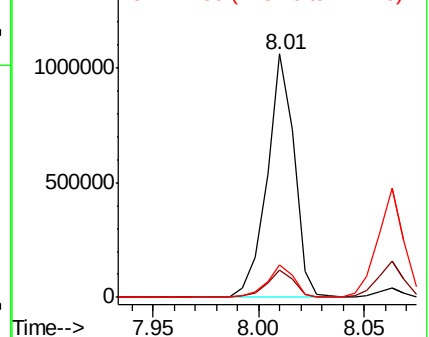
127 13.4 10.9 16.3



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: 49.632 ng

RT: 7.80 min Scan# 972

Delta R.T. -0.02 min

Lab File: BF109472.D

Acq: 1 Oct 2018 15:08

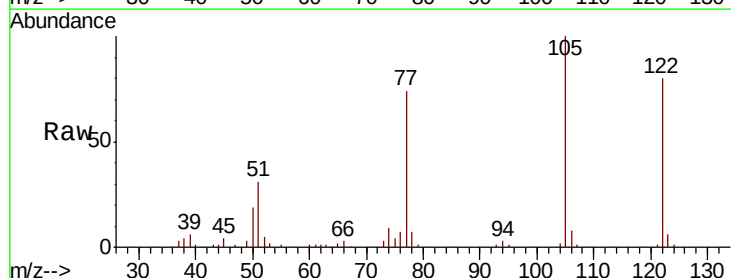
Tgt Ion:122 Resp: 219835

Ion Ratio Lower Upper

122 100

105 125.3 101.1 141.1

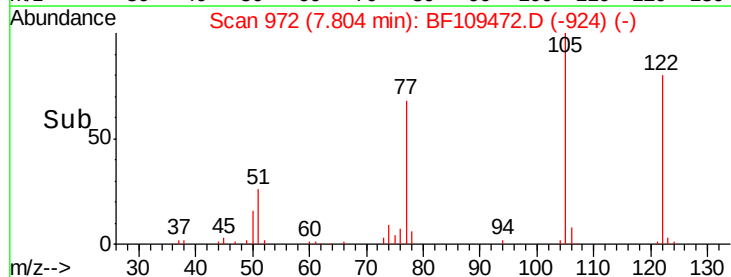
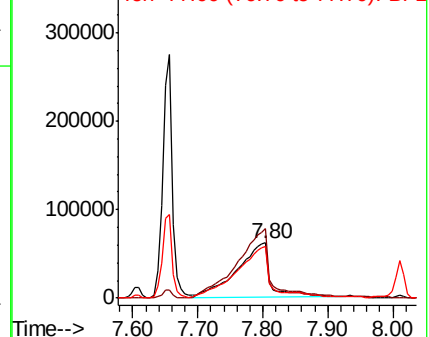
77 93.3 70.7 110.7

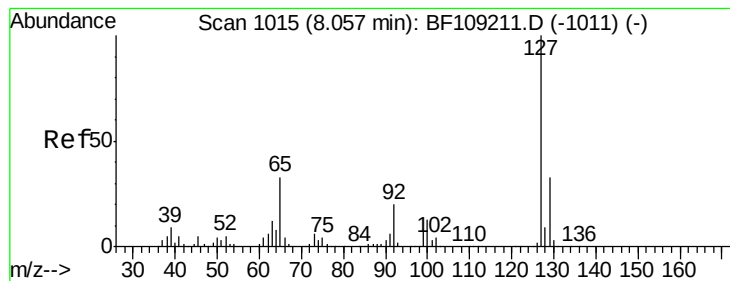


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 42.805 ng

RT: 8.06 min Scan# 1016

Delta R.T. -0.00 min

Lab File: BF109472.D

Acq: 1 Oct 2018 15:08

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 426191

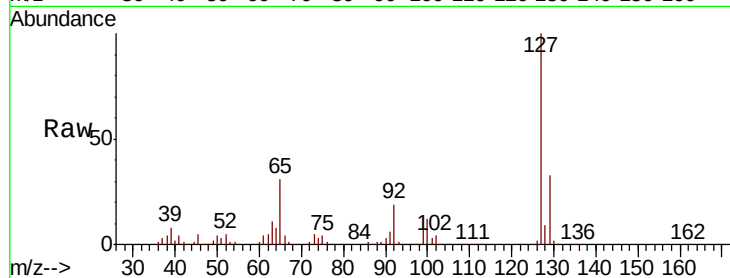
Ion Ratio Lower Upper

127 100

129 32.7 25.9 38.9

65 30.7 25.0 37.4

92 18.8 15.2 22.8

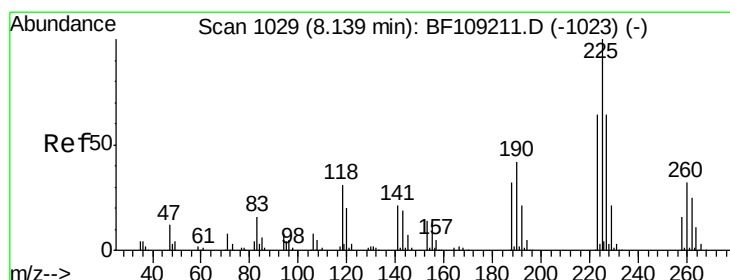
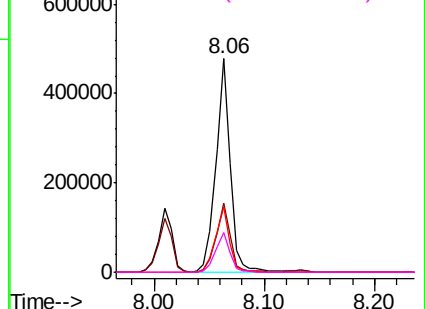
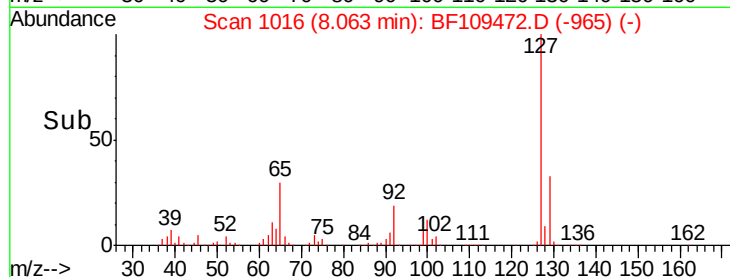


Abundance Ion 127.00 (126.70 to 127.70): E

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: 43.703 ng

RT: 8.13 min Scan# 1028

Delta R.T. -0.01 min

Lab File: BF109472.D

Acq: 1 Oct 2018 15:08

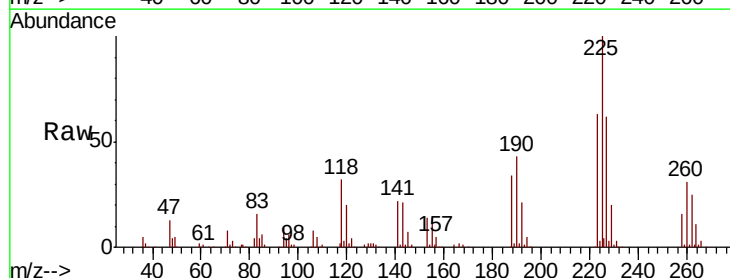
Tgt Ion:225 Resp: 200520

Ion Ratio Lower Upper

225 100

223 62.8 50.6 76.0

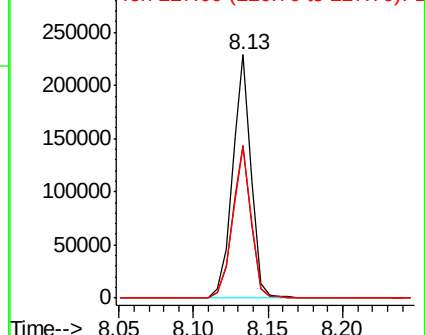
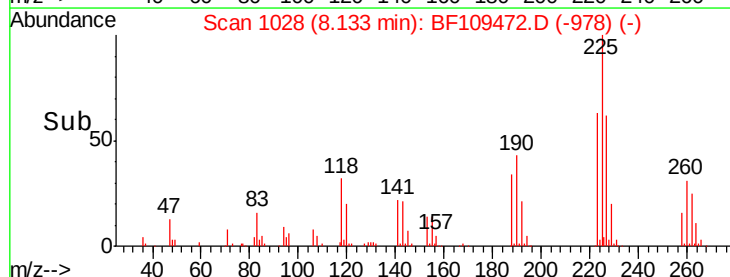
227 62.4 51.9 77.9

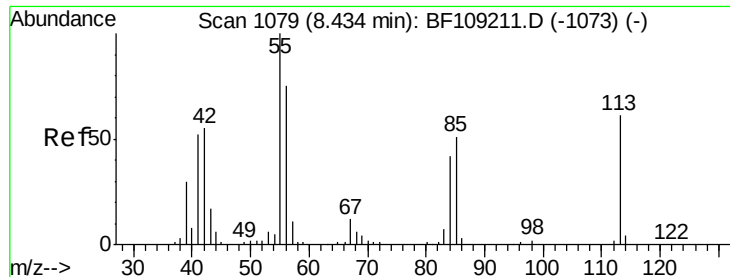


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 46.030 ng

RT: 8.45 min Scan# 1081

Delta R.T. -0.02 min

Lab File: BF109472.D

Acq: 1 Oct 2018 15:08

Instrument :

BNA_F

ClientSampleId :

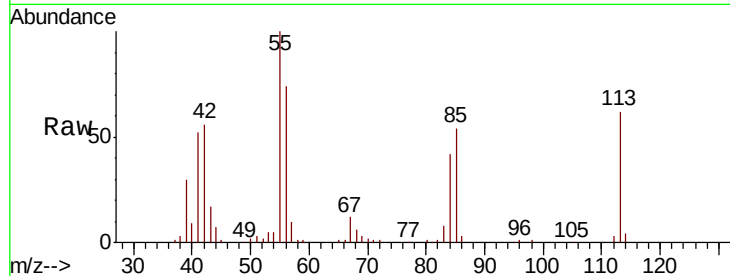
Tot Ion:113 Resp: 100097

Ion Ratio Lower Upper

113 100

55 161.5 163.3 203.3#

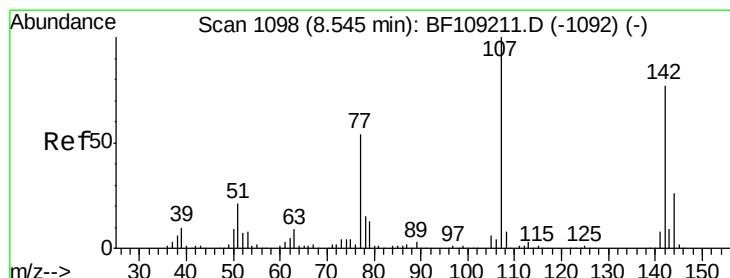
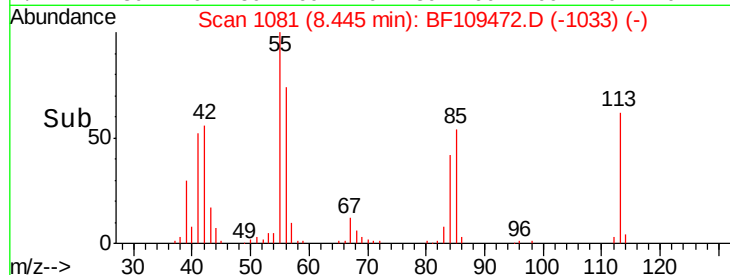
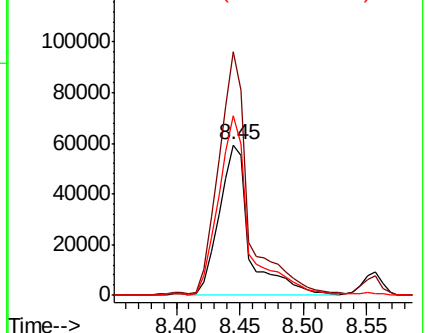
56 119.3 115.7 155.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 45.102 ng

RT: 8.56 min Scan# 1100

Delta R.T. -0.00 min

Lab File: BF109472.D

Acq: 1 Oct 2018 15:08

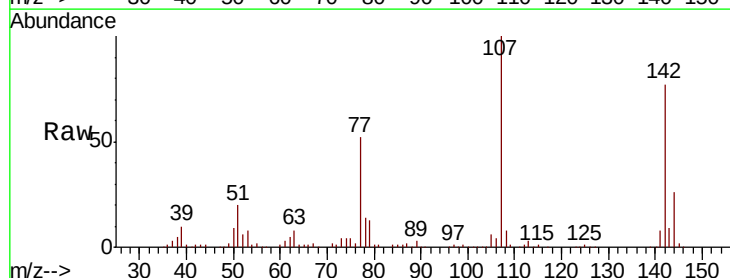
Tgt Ion:107 Resp: 323257

Ion Ratio Lower Upper

107 100

144 25.9 20.5 30.7

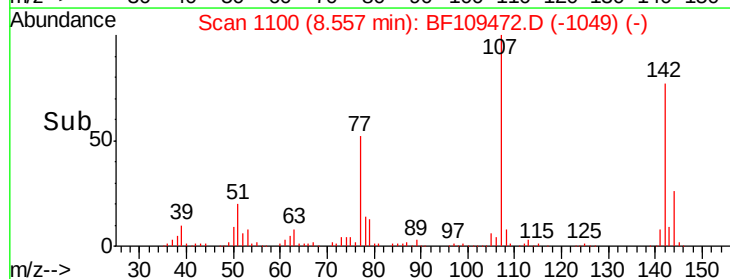
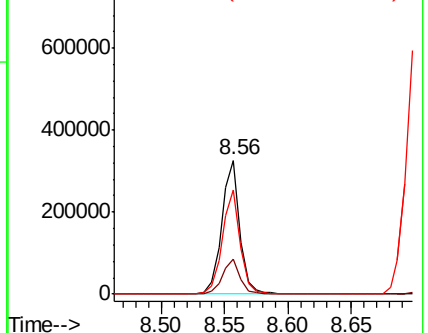
142 77.5 62.0 93.0

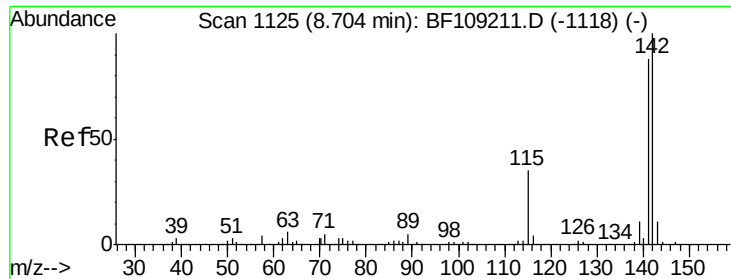


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

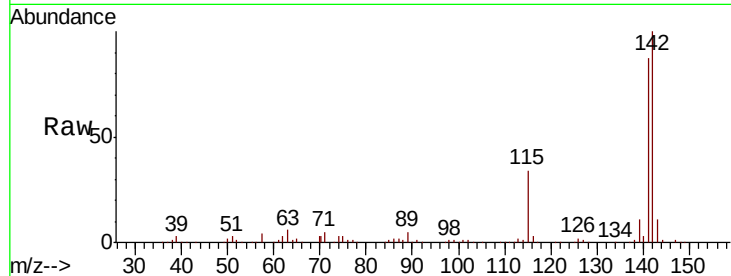




#37
2-Methylnaphthalene
Concen: 42.861 ng
RT: 8.70 min Scan# 1125
Delta R.T. -0.00 min
Lab File: BF109472.D
Acq: 1 Oct 2018 15:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.2	70.8	106.2
115	34.3	26.1	39.1

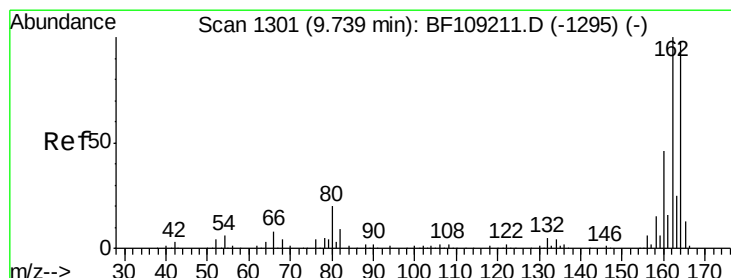
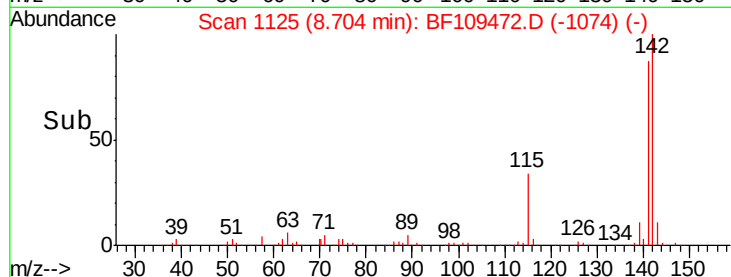
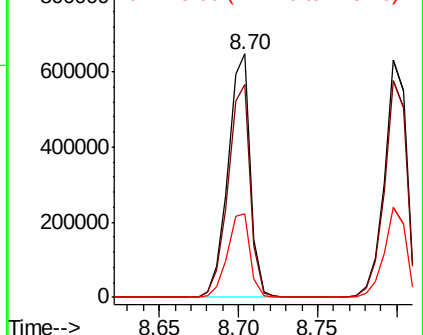


Abundance

Ion 142.00 (141.70 to 142.70): E

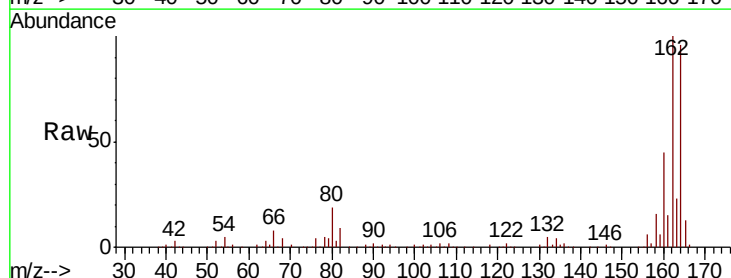
Ion 141.00 (140.70 to 141.70): E

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: BF109472.D
Acq: 1 Oct 2018 15:08

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.2	86.1	129.1
160	47.4	38.3	57.5

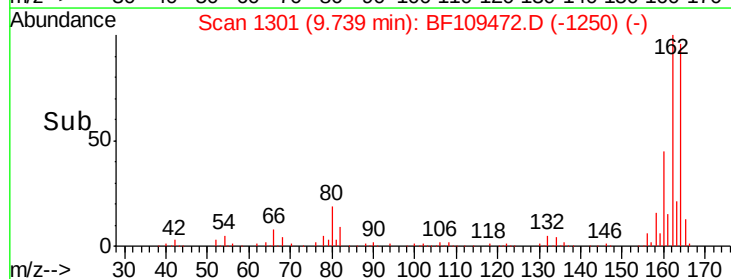
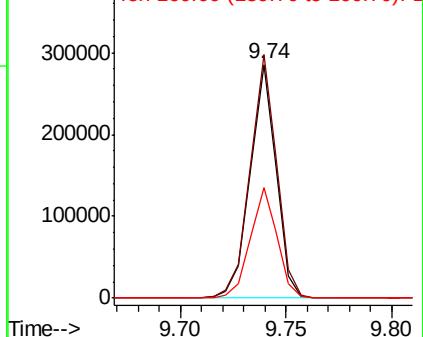


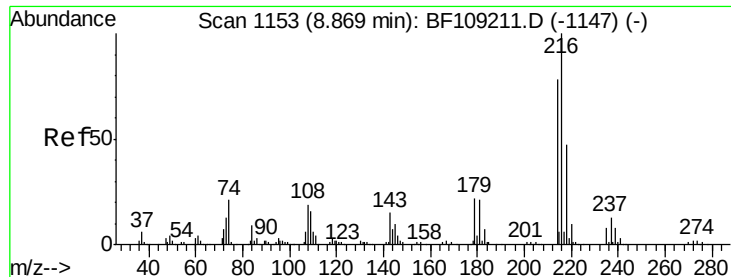
Abundance

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: 41.932 ng

RT: 8.87 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BF109472.D

Acq: 1 Oct 2018 15:08

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 327628

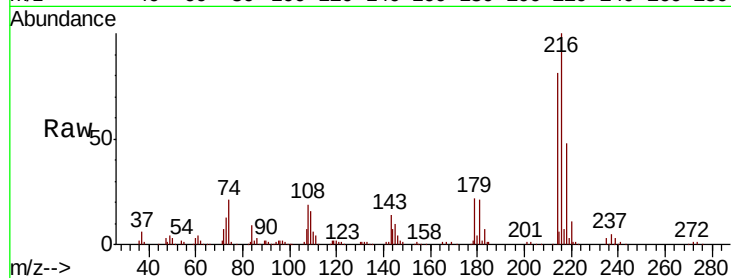
Ion Ratio Lower Upper

216 100

214 79.9 63.0 94.4

179 21.1 18.1 27.1

108 18.8 17.2 25.8

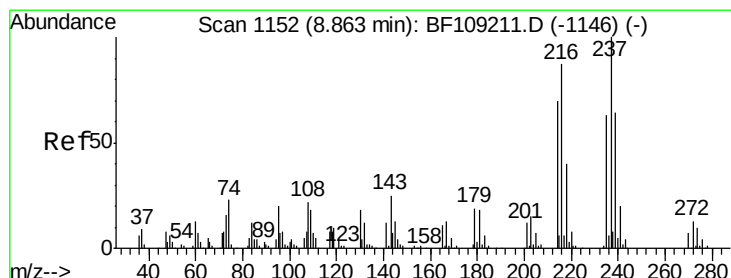
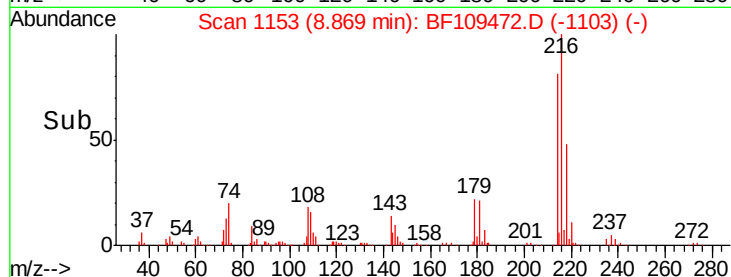
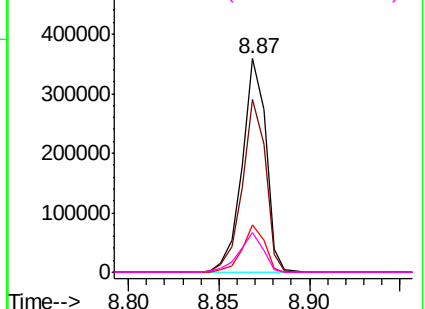


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 42.357 ng

RT: 8.86 min Scan# 1151

Delta R.T. -0.01 min

Lab File: BF109472.D

Acq: 1 Oct 2018 15:08

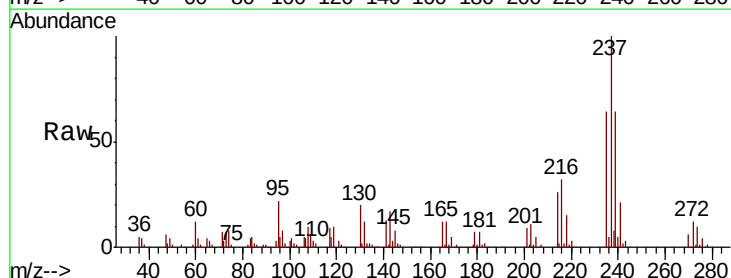
Tgt Ion:237 Resp: 144348

Ion Ratio Lower Upper

237 100

235 63.8 44.8 84.8

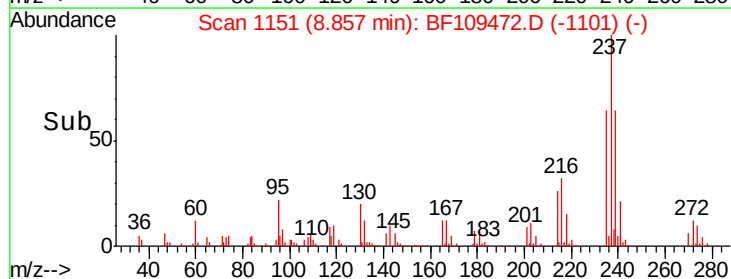
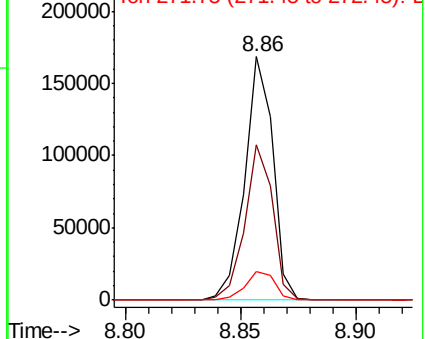
272 11.7 0.0 33.3

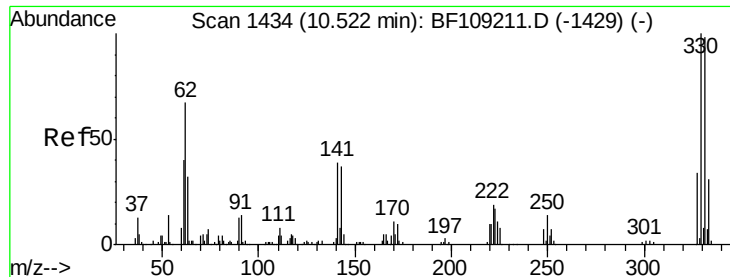


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

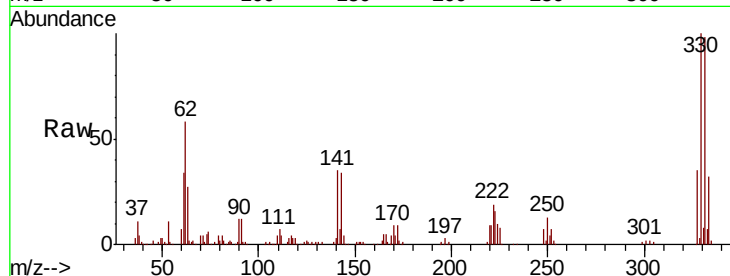




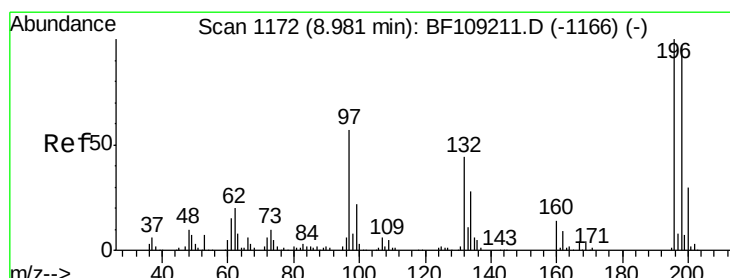
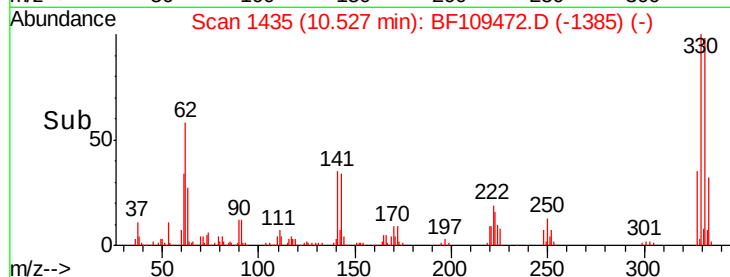
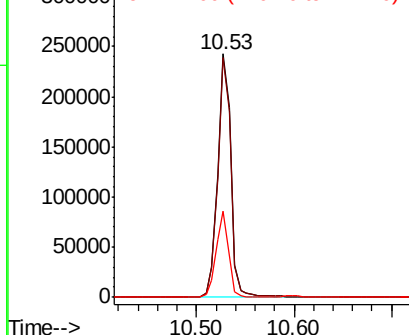
#41
 2,4,6-Tribromophenol
 Concen: 94.455 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. -0.01 min
 Lab File: BF109472.D
 Acq: 1 Oct 2018 15:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	330	Resp	228596
Ion Ratio	100	Lower	Upper
330	100		
332	98.3	77.0	115.6
141	33.6	29.9	44.9

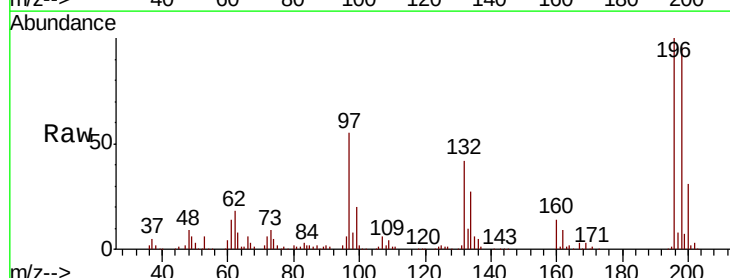


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

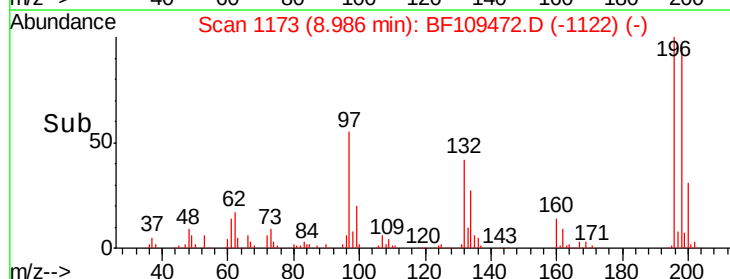
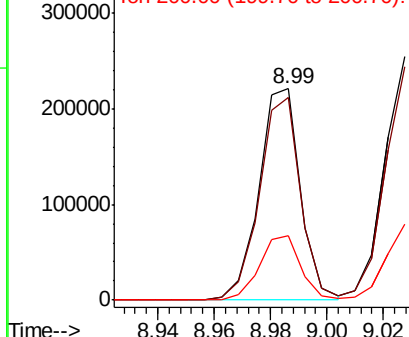


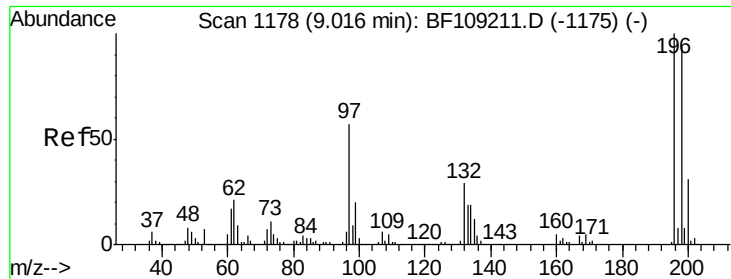
#42
 2,4,6-Trichlorophenol
 Concen: 44.938 ng
 RT: 8.99 min Scan# 1173
 Delta R.T. -0.00 min
 Lab File: BF109472.D
 Acq: 1 Oct 2018 15:08

Tgt Ion	196	Resp	225347
Ion Ratio	100	Lower	Upper
196	100		
198	95.7	75.7	113.5
200	30.8	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

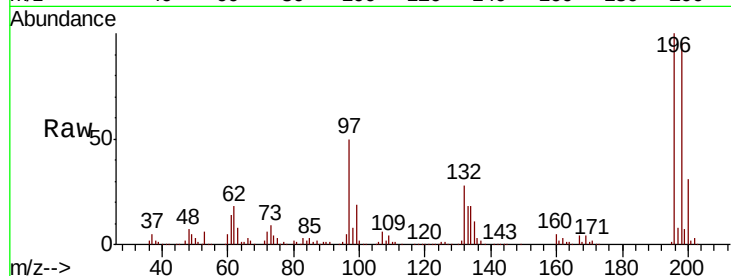




#43
 2,4,5-Trichlorophenol
 Concen: 44.399 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: BF109472.D
 Acq: 1 Oct 2018 15:08

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.8	74.6	112.0
97	49.9	42.9	64.3
132	27.6	26.3	39.5



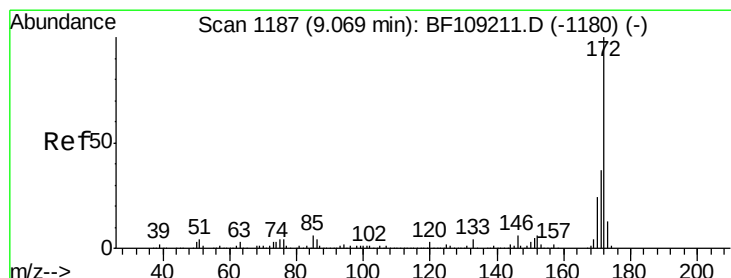
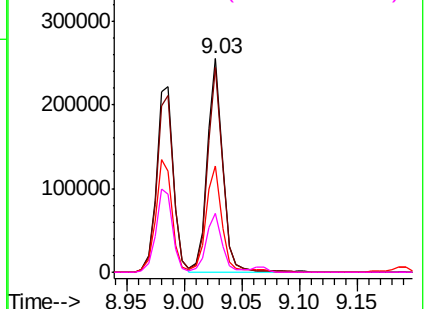
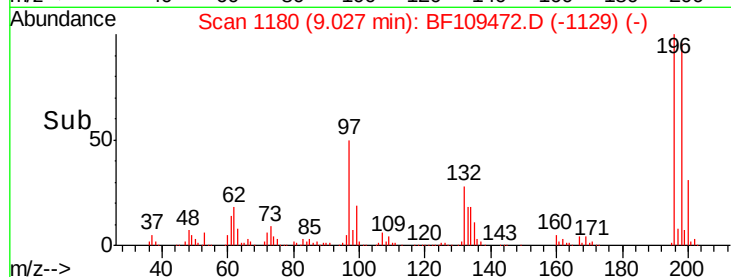
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

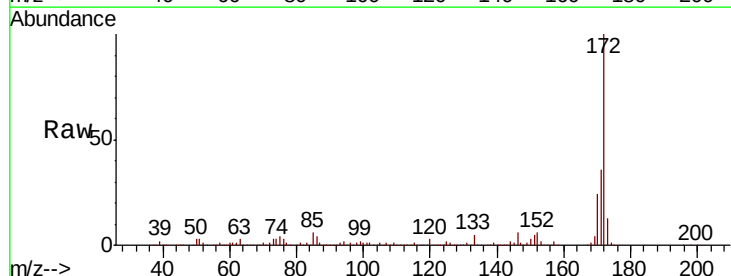
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 84.348 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF109472.D
 Acq: 1 Oct 2018 15:08

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.4	19.6	29.4

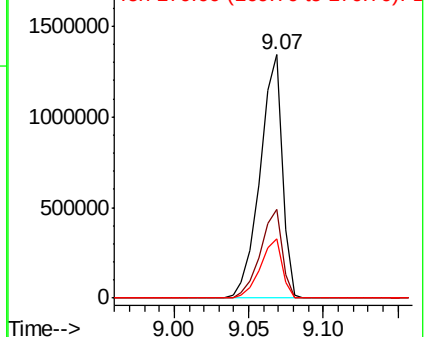
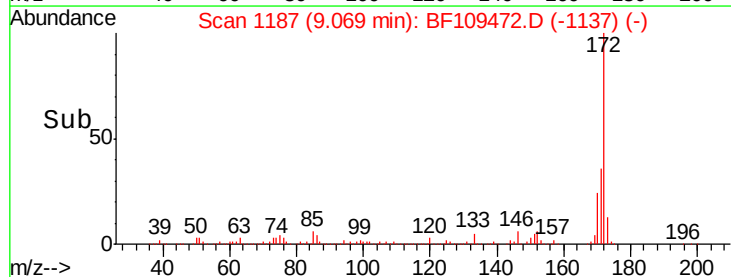


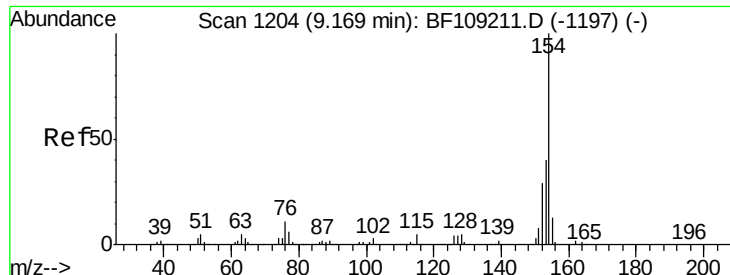
Abundance

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

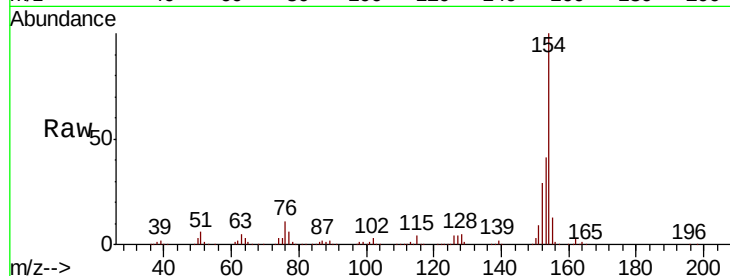




#45
 1,1'-Biphenyl
 Concen: 41.527 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF109472.D
 Acq: 1 Oct 2018 15:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.6	21.3	61.3
76	11.3	0.0	34.0

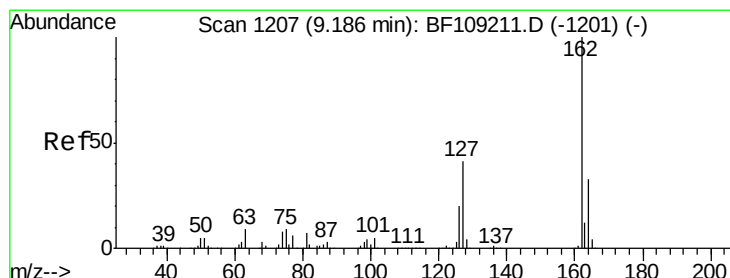
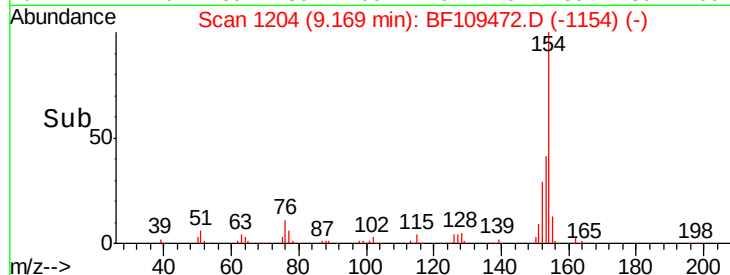
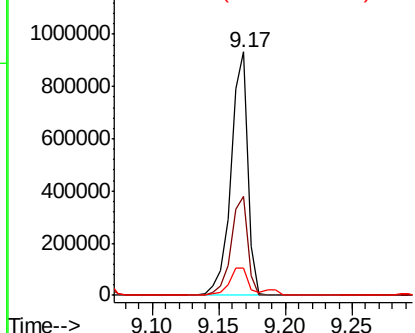


Abundance

Ion 154.00 (153.70 to 154.70): E

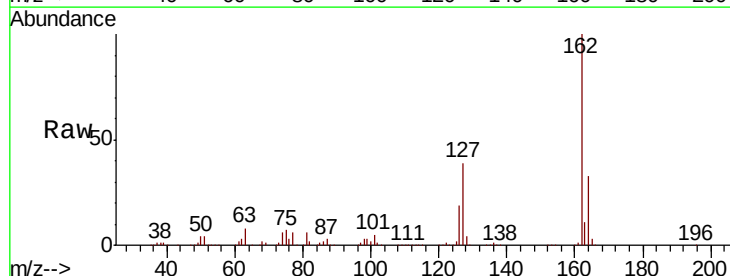
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46
 2-Chloronaphthalene
 Concen: 41.612 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.00 min
 Lab File: BF109472.D
 Acq: 1 Oct 2018 15:08

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.7	33.9	50.9
164	32.6	26.5	39.7

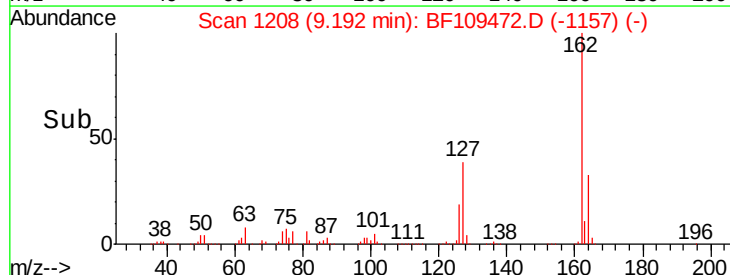
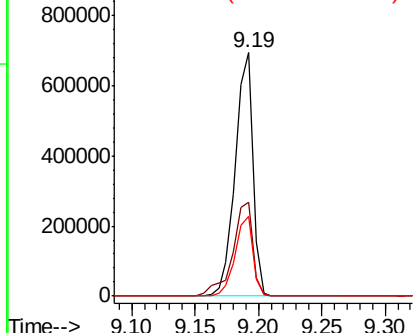


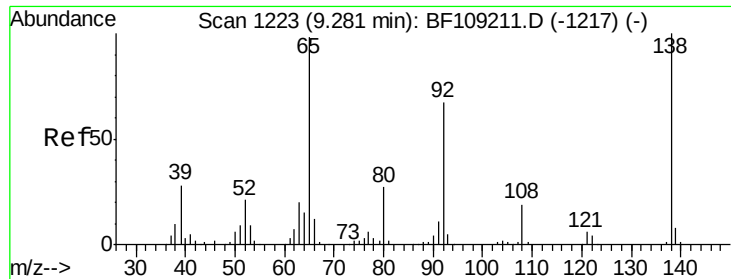
Abundance

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

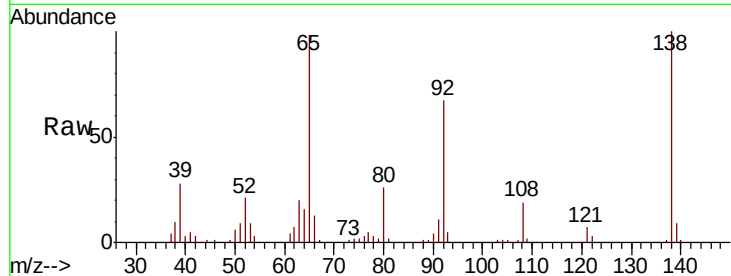




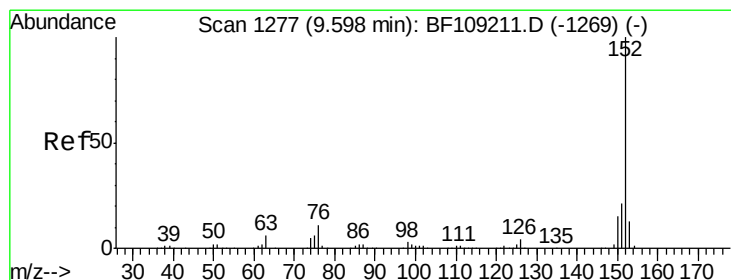
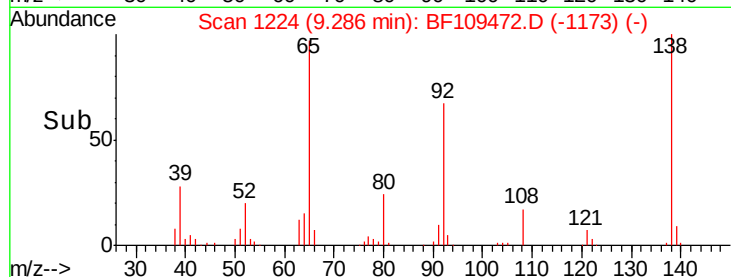
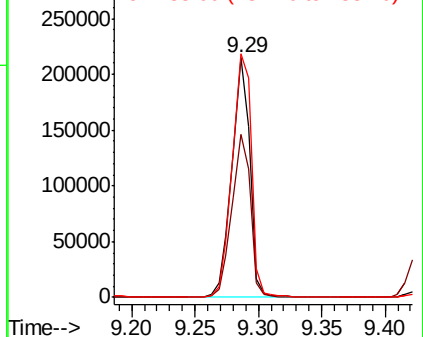
#47
2-Nitroaniline
Concen: 46.346 ng
RT: 9.29 min Scan# 1224
Delta R.T. -0.00 min
Lab File: BF109472.D
Acq: 1 Oct 2018 15:08

Instrument :
BNA_F
ClientSampled :

Tot Ion: 65 Resp: 209976
Ion Ratio Lower Upper
65 100
92 68.2 55.8 83.6
138 101.6 91.2 136.8

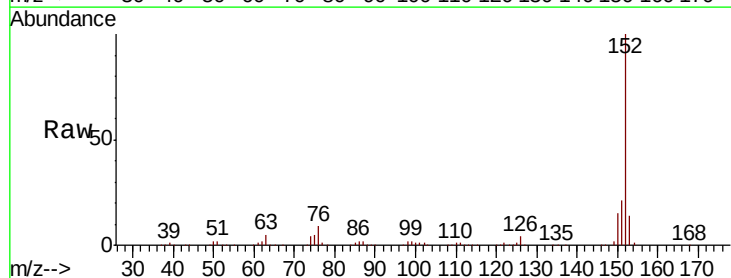


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

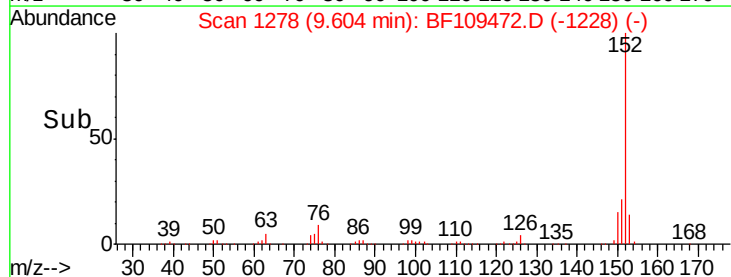
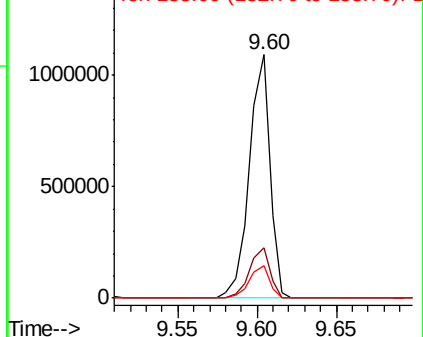


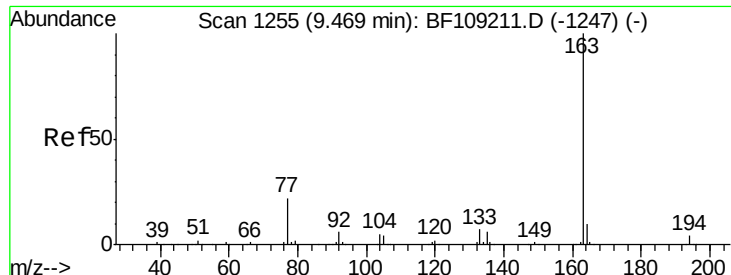
#48
Acenaphthylene
Concen: 40.869 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.01 min
Lab File: BF109472.D
Acq: 1 Oct 2018 15:08

Tgt Ion: 152 Resp: 985229
Ion Ratio Lower Upper
152 100
151 20.5 16.3 24.5
153 13.5 10.7 16.1



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

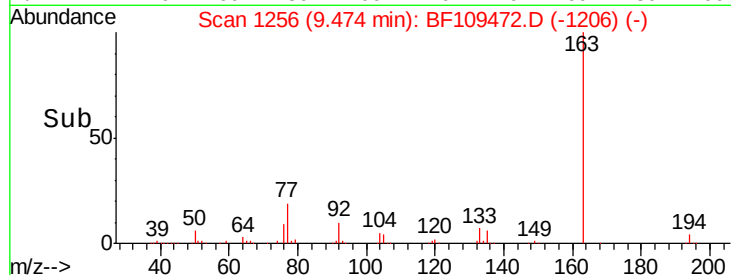
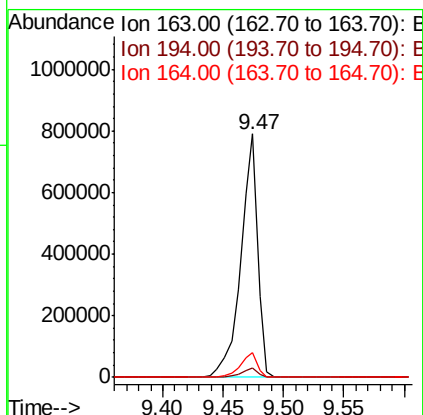
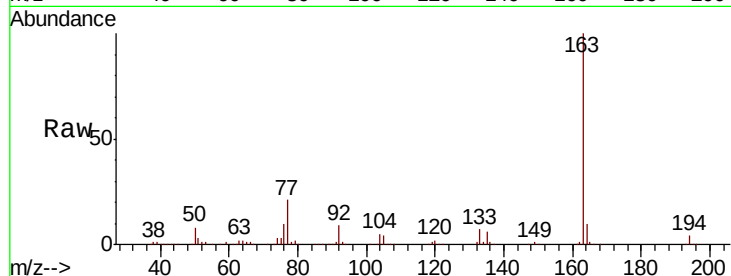




#49
Dimethylphthalate
Concen: 42.883 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BF109472.D
Acq: 1 Oct 2018 15:08

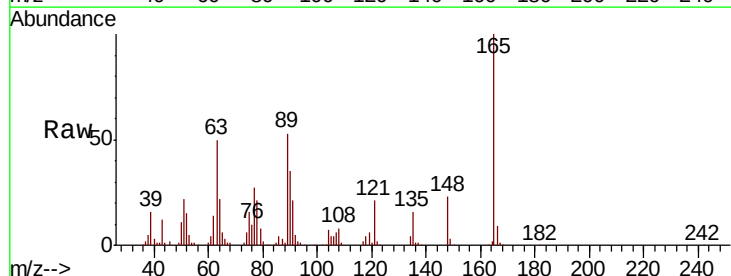
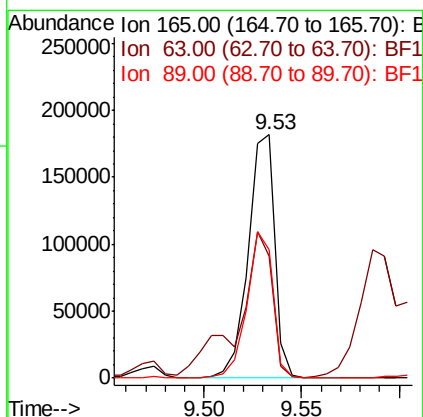
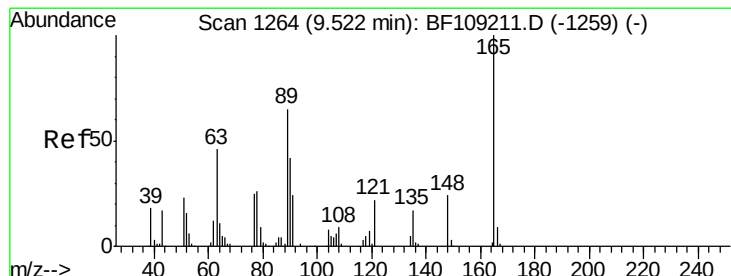
Instrument :
BNA_F
ClientSampled :

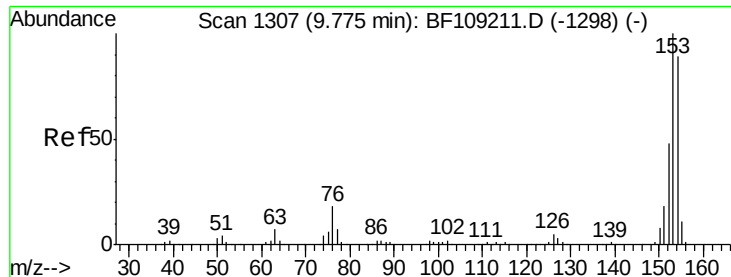
Tot Ion:163 Resp: 765736
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 10.3 8.2 12.2



#50
2,6-Dinitrotoluene
Concen: 48.634 ng
RT: 9.53 min Scan# 1266
Delta R.T. -0.00 min
Lab File: BF109472.D
Acq: 1 Oct 2018 15:08

Tgt Ion:165 Resp: 171994
Ion Ratio Lower Upper
165 100
63 50.0 44.7 67.1
89 52.5 44.0 66.0

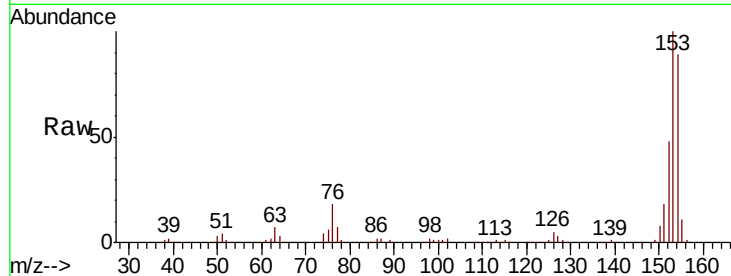




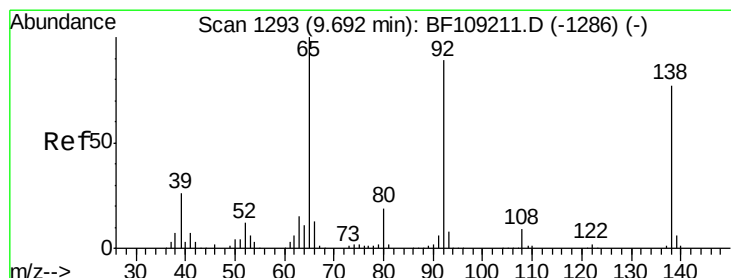
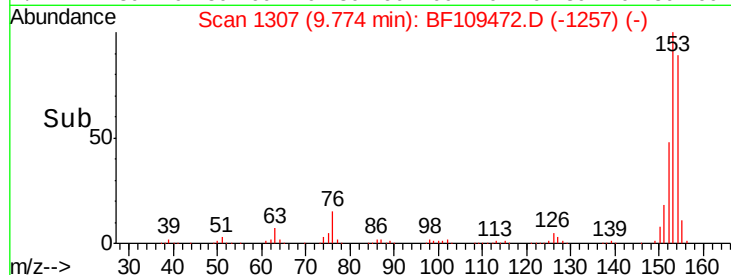
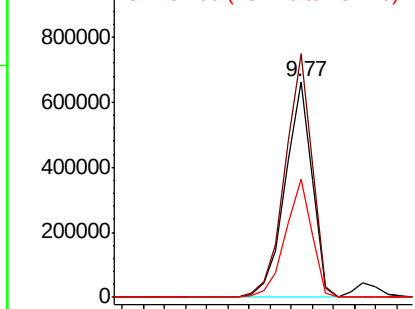
#51
Acenaphthene
Concen: 40.597 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BF109472.D
Acq: 1 Oct 2018 15:08

Instrument :
BNA_F
ClientSampled :

Tot Ion:154 Resp: 591705
Ion Ratio Lower Upper
154 100
153 112.8 91.2 136.8
152 54.6 43.8 65.8

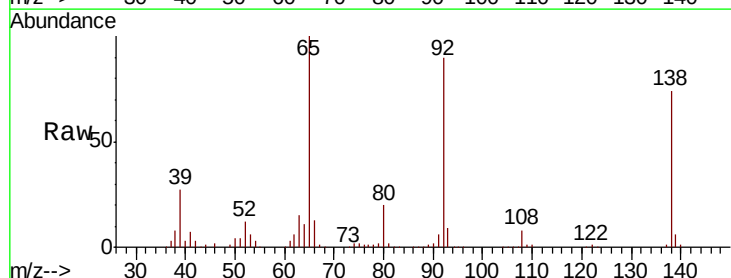


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

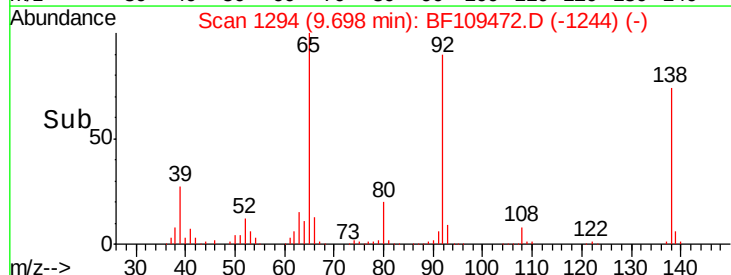
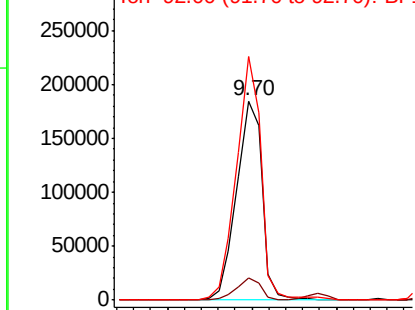


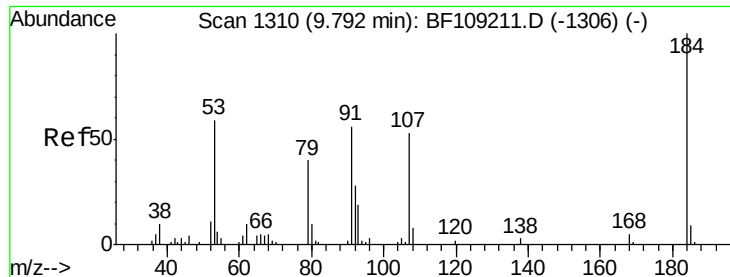
#52
3-Nitroaniline
Concen: 47.721 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BF109472.D
Acq: 1 Oct 2018 15:08

Tgt Ion:138 Resp: 195443
Ion Ratio Lower Upper
138 100
108 11.2 9.4 14.0
92 122.4 89.4 134.2



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

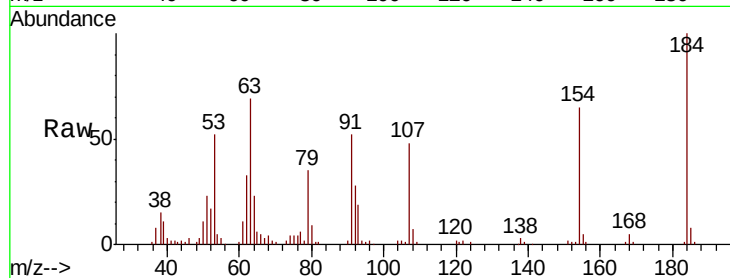




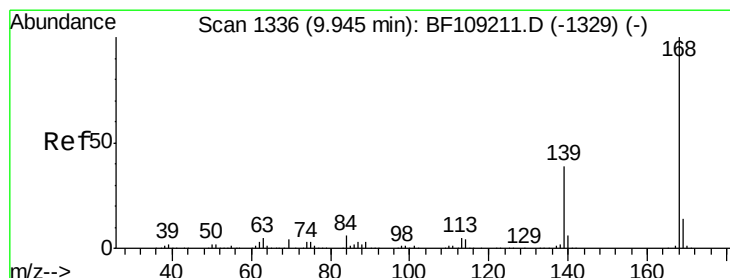
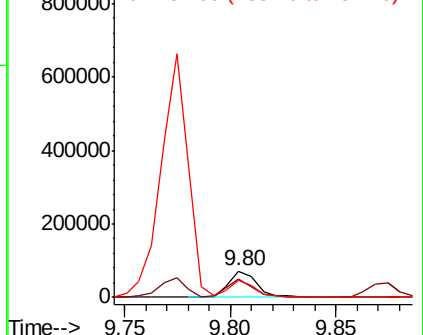
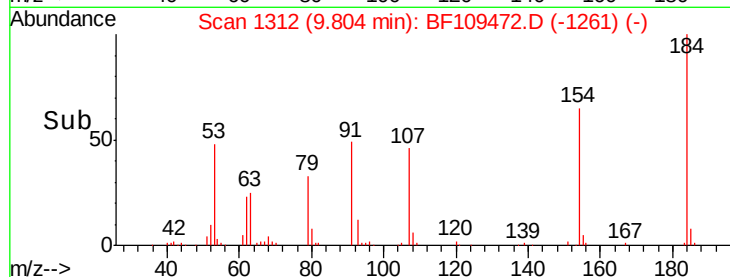
#53
2,4-Dinitrophenol
Concen: 55.595 ng
RT: 9.80 min Scan# 1312
Delta R.T. 0.00 min
Lab File: BF109472.D
Acq: 1 Oct 2018 15:08

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 66081
Ion Ratio Lower Upper
184 100
63 69.4 54.2 81.2
154 65.1 184.0 276.0#

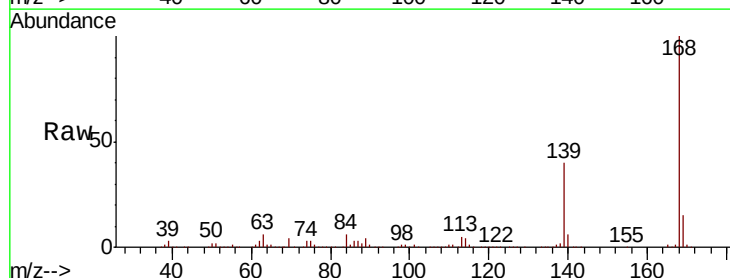


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

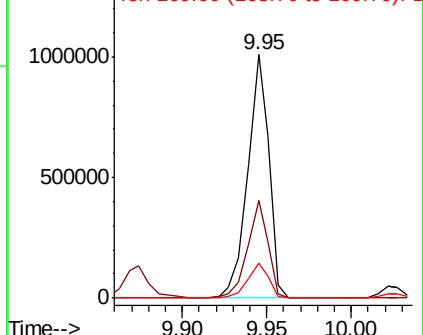
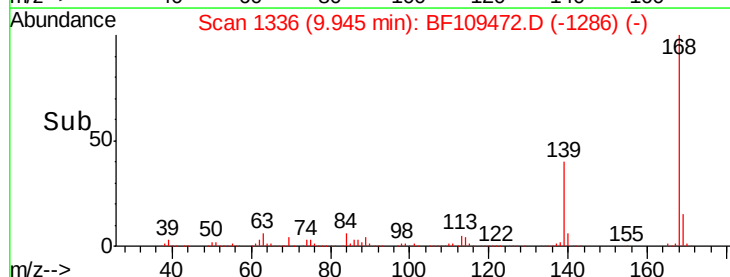


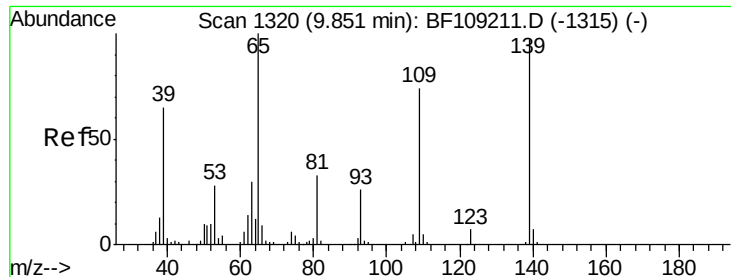
#54
Dibenzofuran
Concen: 40.931 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF109472.D
Acq: 1 Oct 2018 15:08

Tgt Ion:168 Resp: 887196
Ion Ratio Lower Upper
168 100
139 40.3 30.1 45.1
169 14.5 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

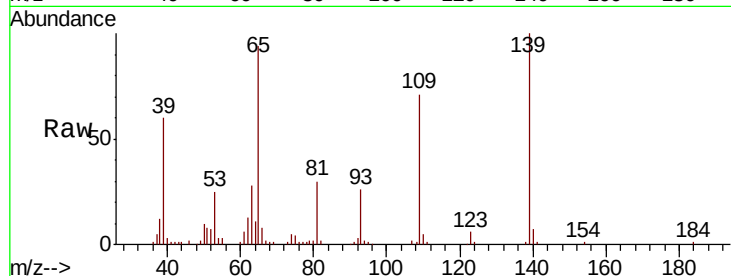




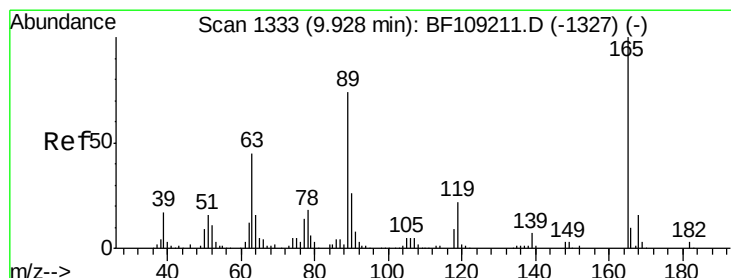
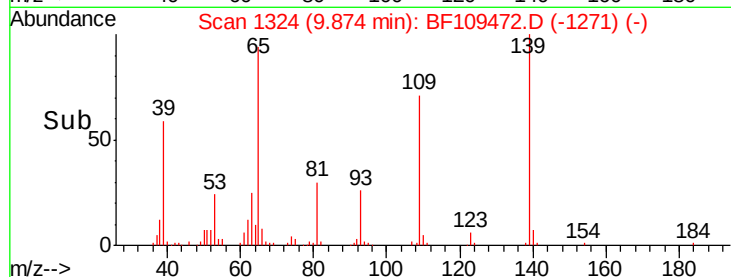
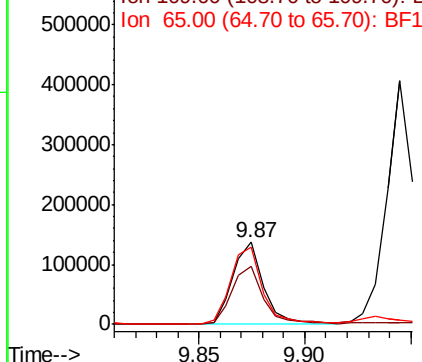
#55
4-Nitrophenol
Concen: 45.523 ng
RT: 9.87 min Scan# 1324
Delta R.T. 0.01 min
Lab File: BF109472.D
Acq: 1 Oct 2018 15:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 140448
Ion Ratio Lower Upper
139 100
109 70.9 48.4 88.4
65 93.9 72.6 112.6

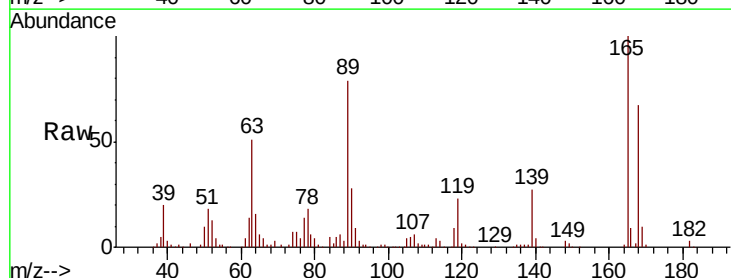


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

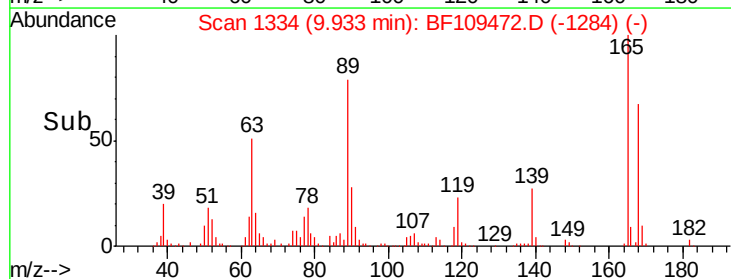
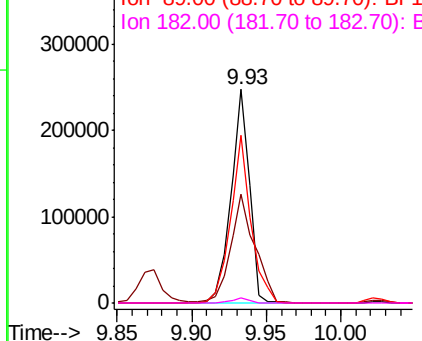


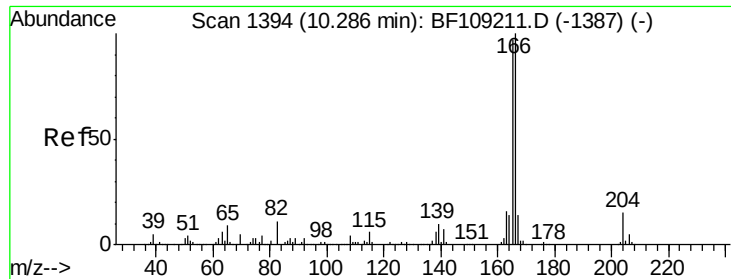
#56
2,4-Dinitrotoluene
Concen: 48.696 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BF109472.D
Acq: 1 Oct 2018 15:08

Tgt Ion:165 Resp: 217902
Ion Ratio Lower Upper
165 100
63 50.8 36.4 54.6
89 78.6 57.8 86.6
182 2.6 1.6 2.4#



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

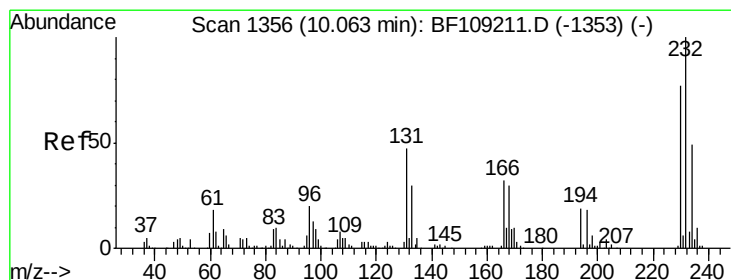
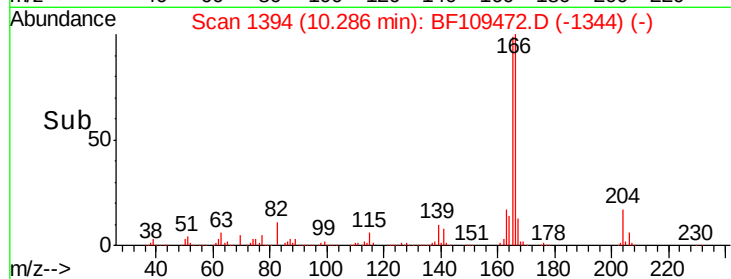
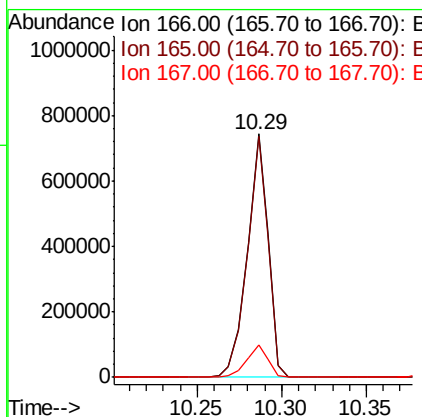
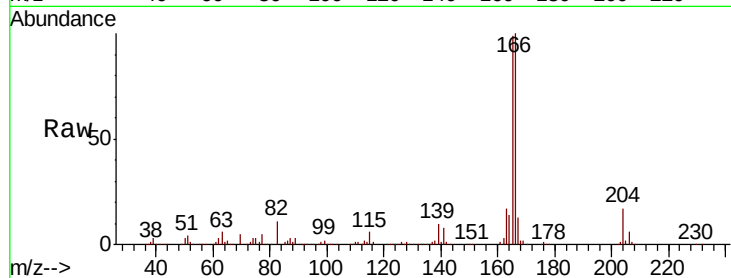




#57
 Fluorene
 Concen: 41.767 ng
 RT: 10.29 min Scan# 1394
 Delta R.T. -0.01 min
 Lab File: BF109472.D
 Acq: 1 Oct 2018 15:08

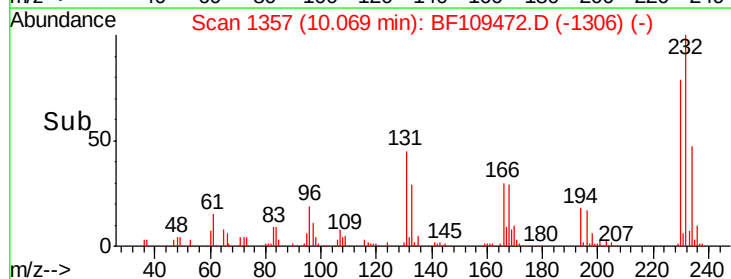
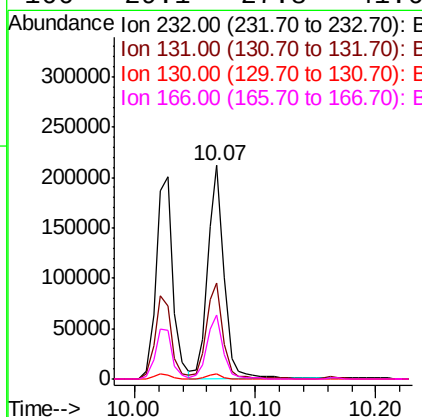
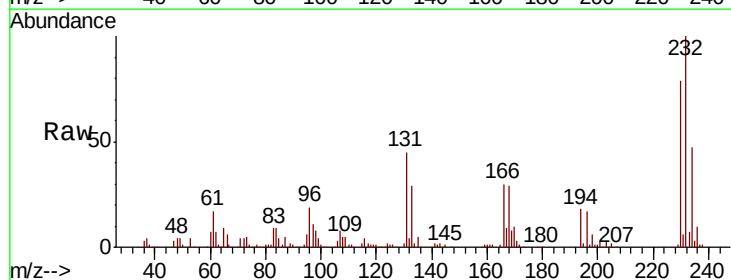
Instrument :
 BNA_F
 ClientSampleId :

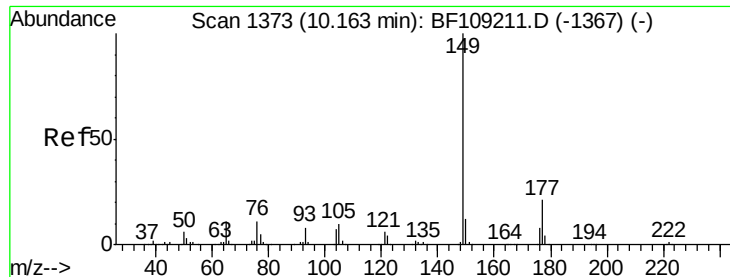
Tot Ion	Ratio	Lower	Upper
166	100		
165	99.1	79.8	119.8
167	13.5	10.6	16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 46.896 ng
 RT: 10.07 min Scan# 1357
 Delta R.T. -0.00 min
 Lab File: BF109472.D
 Acq: 1 Oct 2018 15:08

Tgt Ion	Ratio	Lower	Upper
232	100		
131	45.4	43.8	65.8
130	2.2	2.1	3.1
166	29.1	27.8	41.6

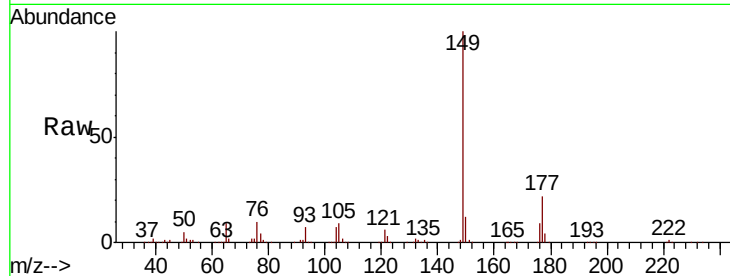




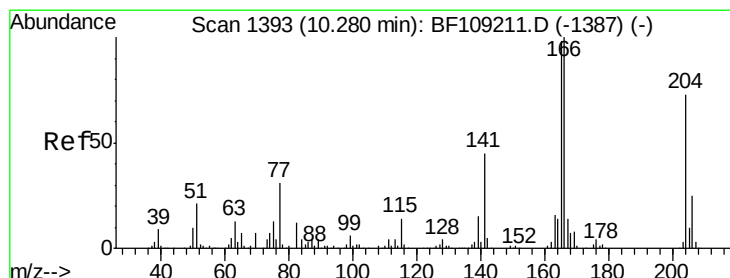
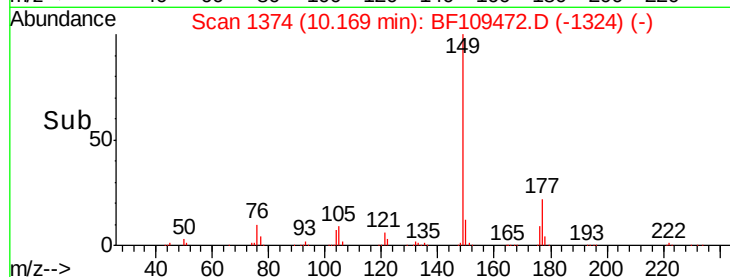
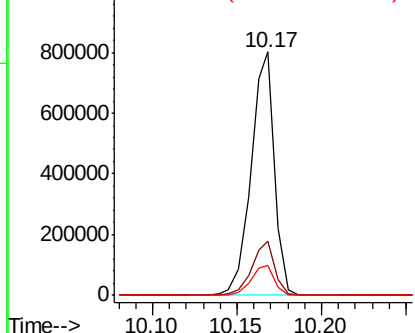
#59
Diethylphthalate
Concen: 42.673 ng
RT: 10.17 min Scan# 1374
Delta R.T. -0.01 min
Lab File: BF109472.D
Acq: 1 Oct 2018 15:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 771633
Ion Ratio Lower Upper
149 100
177 22.3 16.1 24.1
150 12.2 10.1 15.1

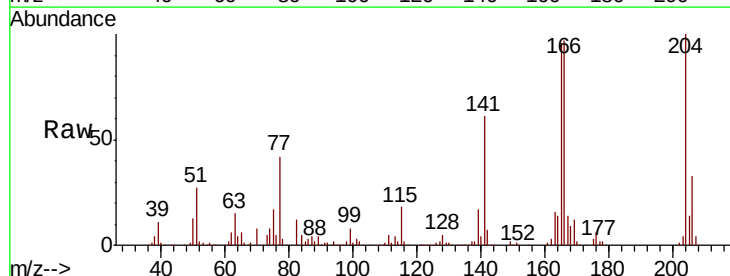


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

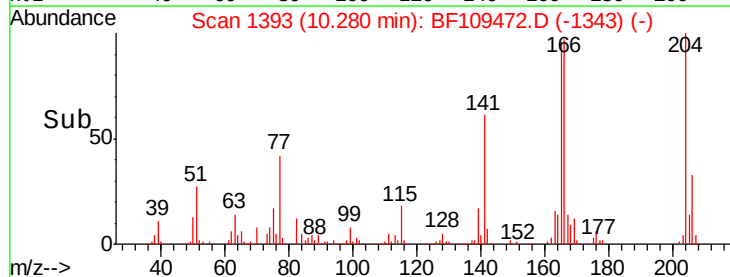
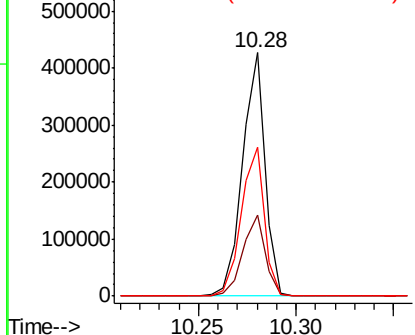


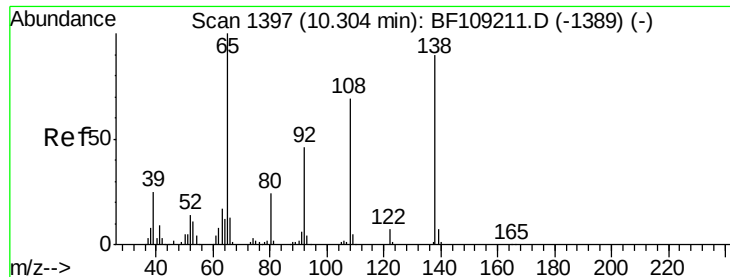
#60
4-Chlorophenyl-phenylether
Concen: 42.311 ng
RT: 10.28 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BF109472.D
Acq: 1 Oct 2018 15:08

Tgt Ion:204 Resp: 341776
Ion Ratio Lower Upper
204 100
206 33.4 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: 49.104 ng

RT: 10.32 min Scan# 1399

Delta R.T. -0.01 min

Lab File: BF109472.D

Acq: 1 Oct 2018 15:08

Instrument :

BNA_F

ClientSampleId :

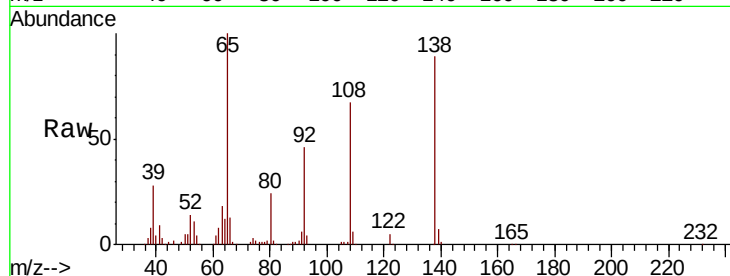
Tot Ion:138 Resp: 196124

Ion Ratio Lower Upper

138 100

92 52.1 30.2 70.2

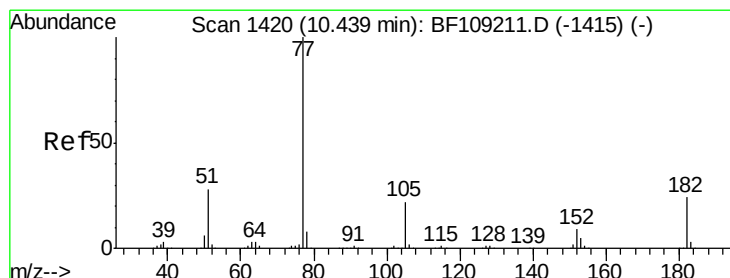
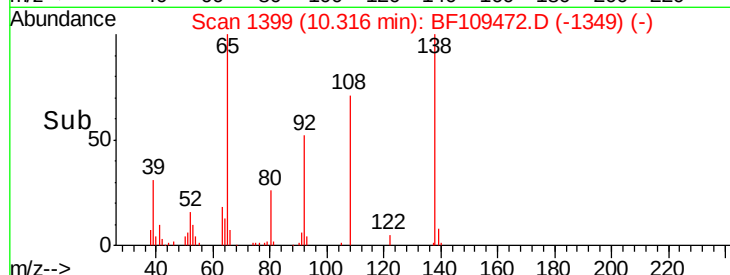
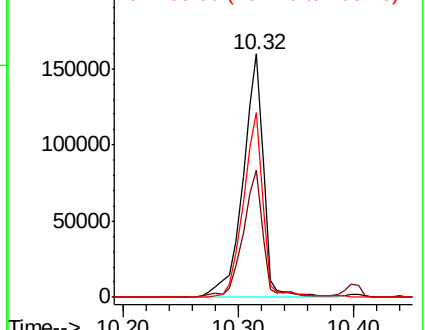
108 76.1 52.5 92.5



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: 41.186 ng

RT: 10.44 min Scan# 1420

Delta R.T. -0.01 min

Lab File: BF109472.D

Acq: 1 Oct 2018 15:08

Tgt Ion: 77 Resp: 773764

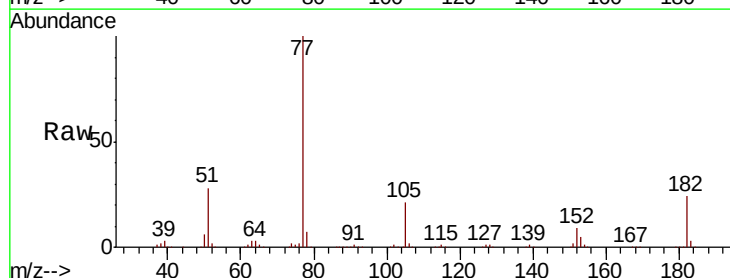
Ion Ratio Lower Upper

77 100

182 24.5 1.7 41.7

105 21.3 3.0 43.0

51 28.4 9.9 49.9

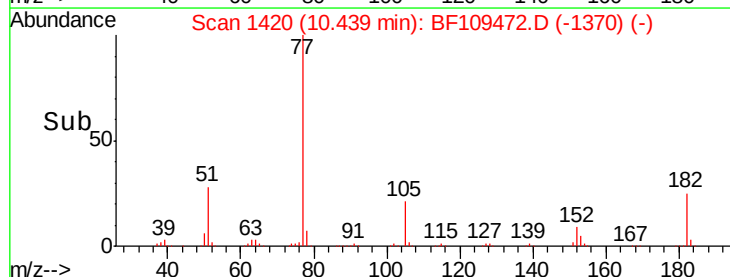
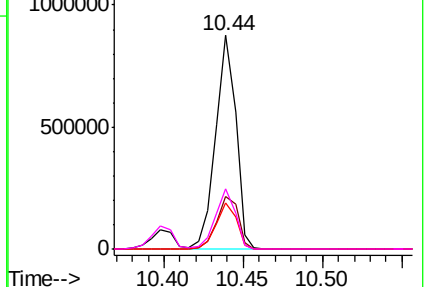


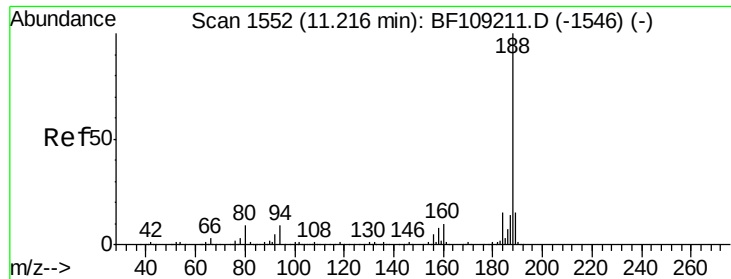
Abundance Ion 77.00 (76.70 to 77.70): BF1

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

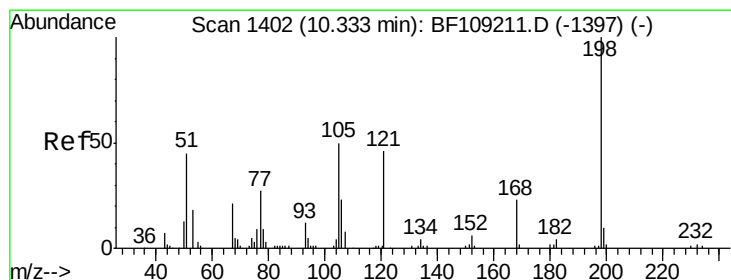
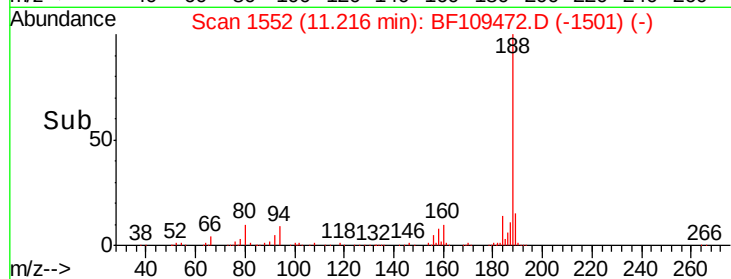
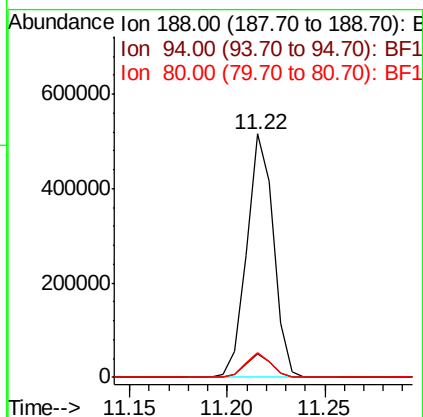
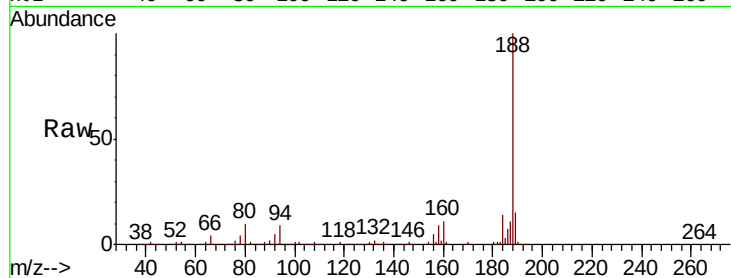




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. -0.00 min
Lab File: BF109472.D
Acq: 1 Oct 2018 15:08

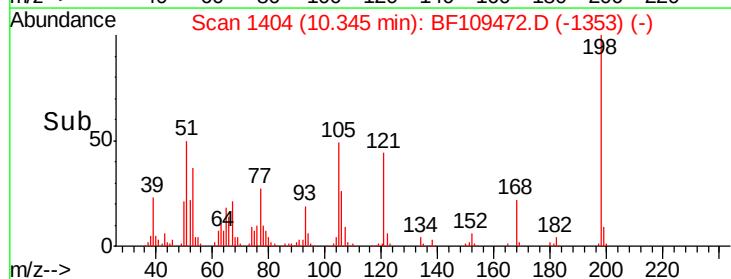
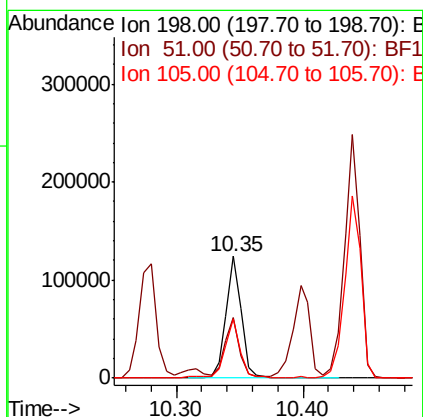
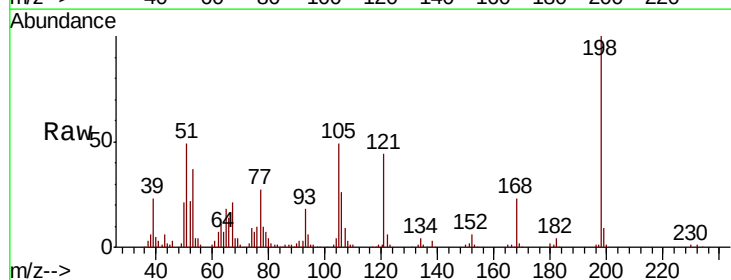
Instrument :
BNA_F
ClientSampleId :

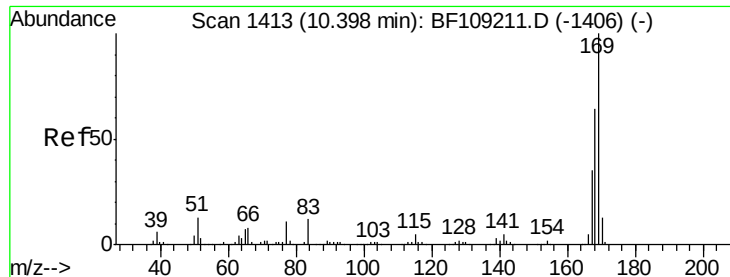
Tot Ion:188 Resp: 487243
Ion Ratio Lower Upper
188 100
94 9.5 8.5 12.7
80 10.4 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 53.237 ng
RT: 10.35 min Scan# 1404
Delta R.T. 0.00 min
Lab File: BF109472.D
Acq: 1 Oct 2018 15:08

Tgt Ion:198 Resp: 105425
Ion Ratio Lower Upper
198 100
51 49.3 37.7 77.7
105 48.6 36.3 76.3





#65

n-Nitrosodiphenylamine

Concen: 41.930 ng

RT: 10.40 min Scan# 1414

Delta R.T. -0.00 min

Lab File: BF109472.D

Acq: 1 Oct 2018 15:08

Instrument :

BNA_F

ClientSampleId :

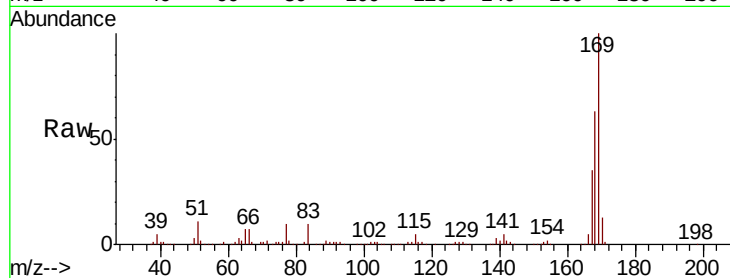
Tot Ion:169 Resp: 675003

Ion Ratio Lower Upper

169 100

168 63.3 54.4 81.6

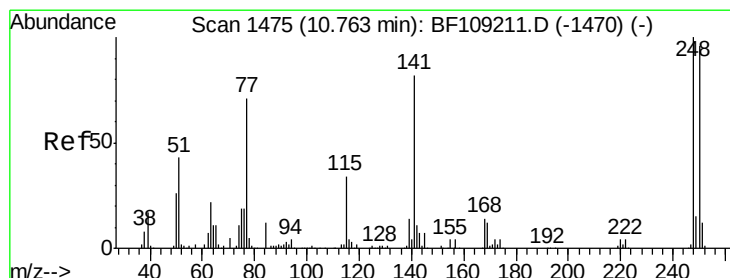
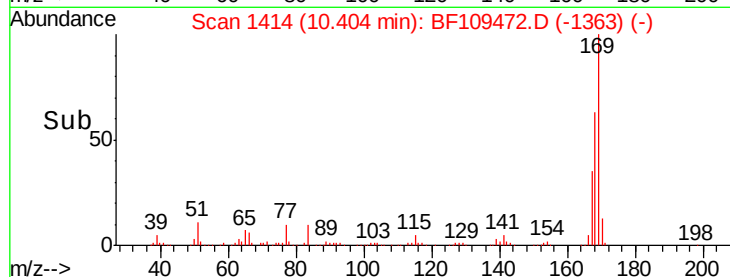
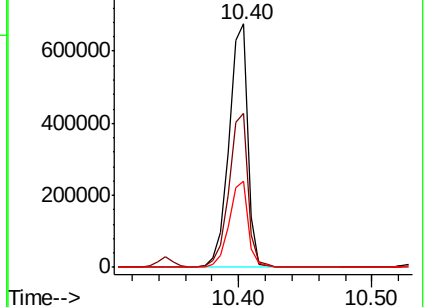
167 35.3 29.8 44.6



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: 43.246 ng

RT: 10.77 min Scan# 1476

Delta R.T. -0.00 min

Lab File: BF109472.D

Acq: 1 Oct 2018 15:08

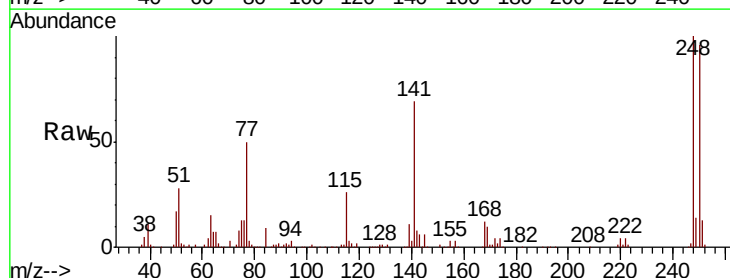
Tgt Ion:248 Resp: 233991

Ion Ratio Lower Upper

248 100

250 95.6 76.9 115.3

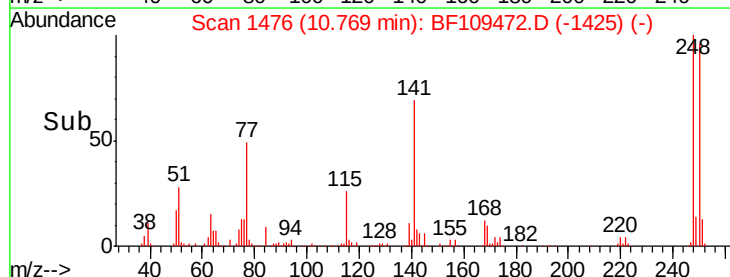
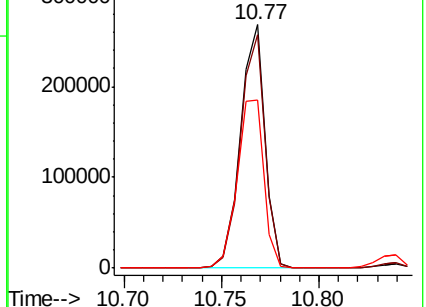
141 69.1 74.4 111.6#

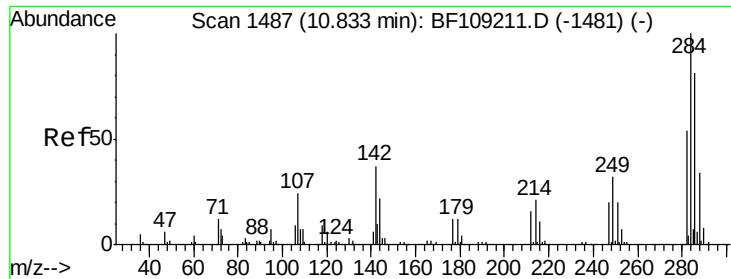


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

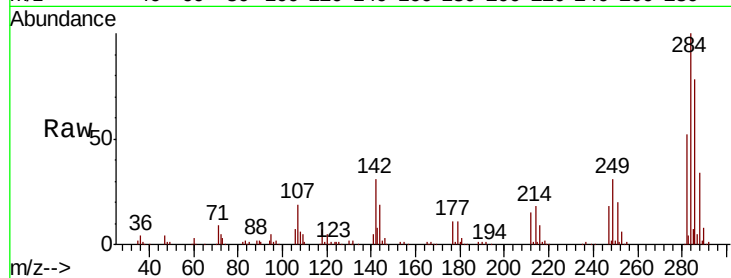




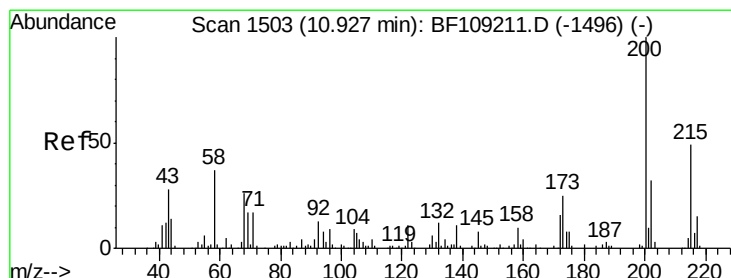
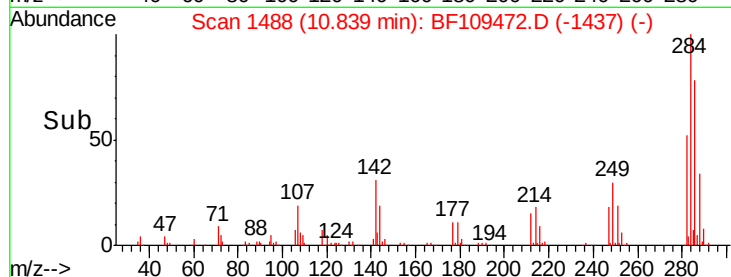
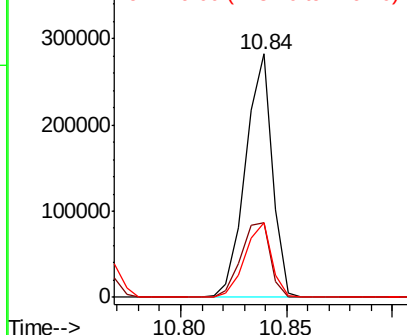
#67
Hexachlorobenzene
Concen: 43.398 ng
RT: 10.84 min Scan# 1488
Delta R.T. -0.00 min
Lab File: BF109472.D
Acq: 1 Oct 2018 15:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	30.9	34.6	52.0#
249	30.6	24.8	37.2

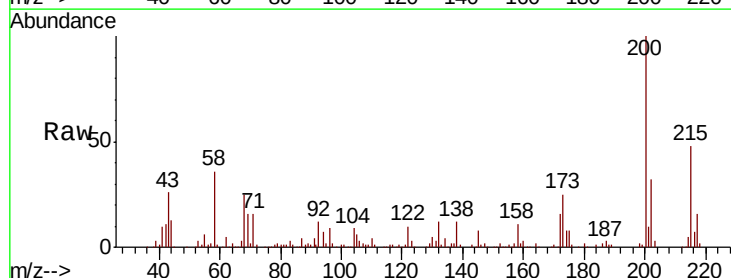


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

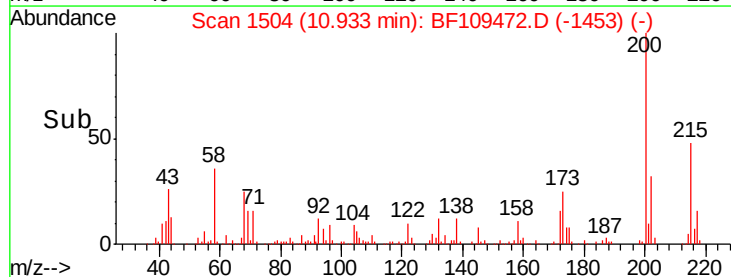
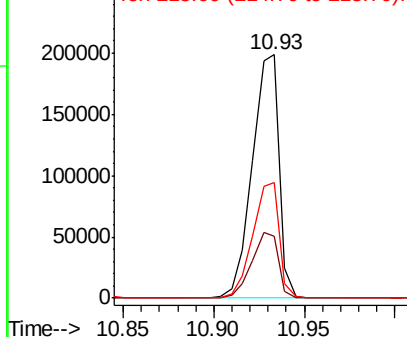


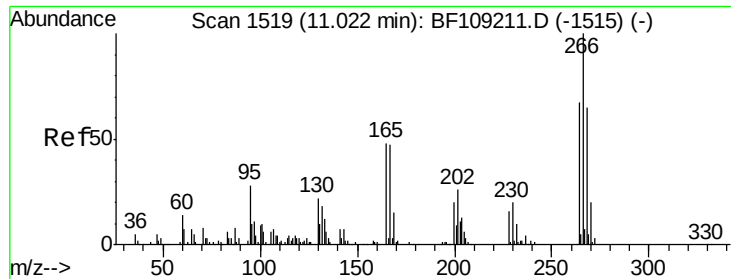
#68
Atrazine
Concen: 41.349 ng
RT: 10.93 min Scan# 1504
Delta R.T. -0.00 min
Lab File: BF109472.D
Acq: 1 Oct 2018 15:08

Tgt Ion	Ratio	Lower	Upper
200	100		
173	25.4	8.6	48.6
215	47.5	25.1	65.1



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

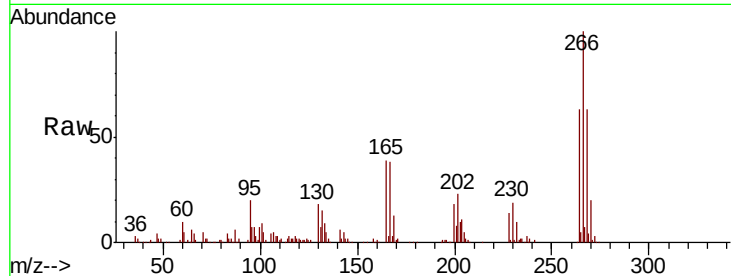




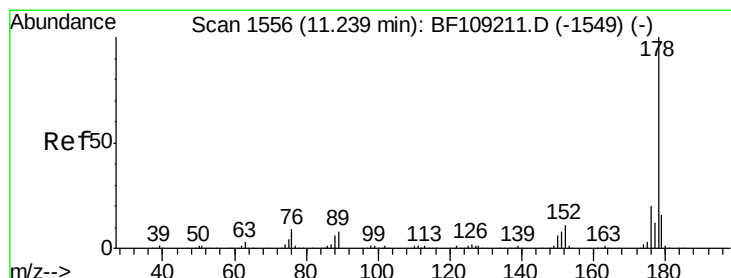
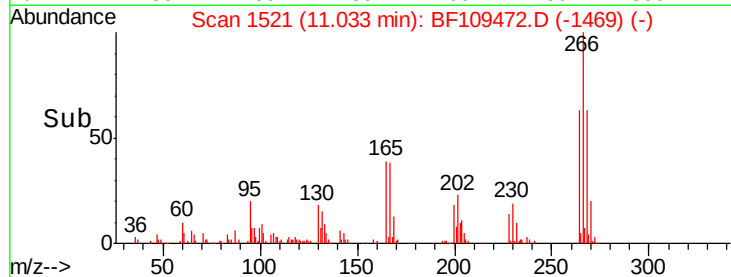
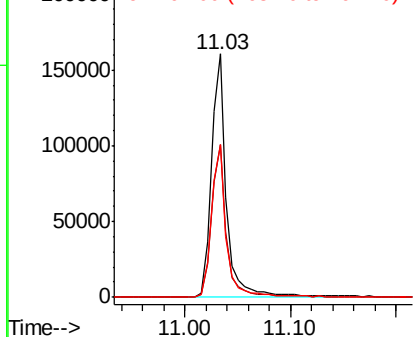
#69
 Pentachlorophenol
 Concen: 46.961 ng
 RT: 11.03 min Scan# 1521
 Delta R.T. 0.01 min
 Lab File: BF109472.D
 Acq: 1 Oct 2018 15:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 161513
 Ion Ratio Lower Upper
 266 100
 268 62.5 51.1 76.7
 264 62.8 49.5 74.3

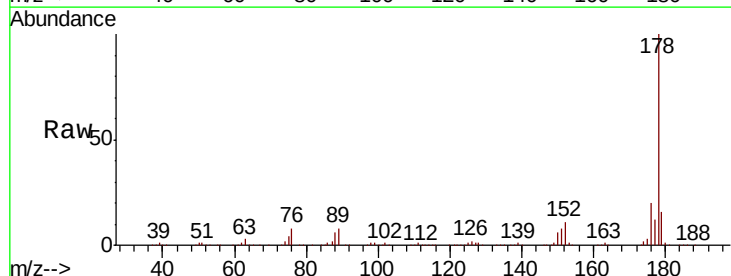


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

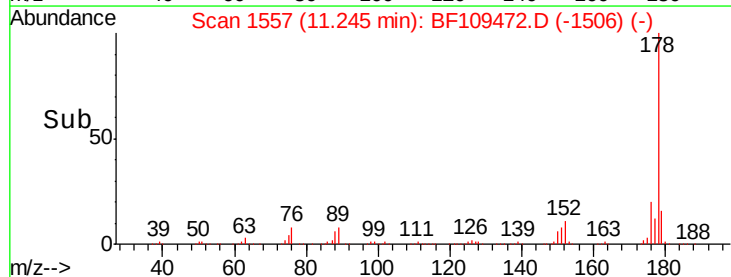
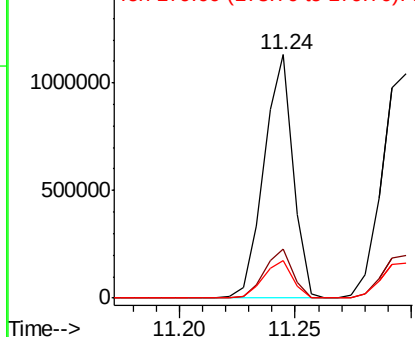


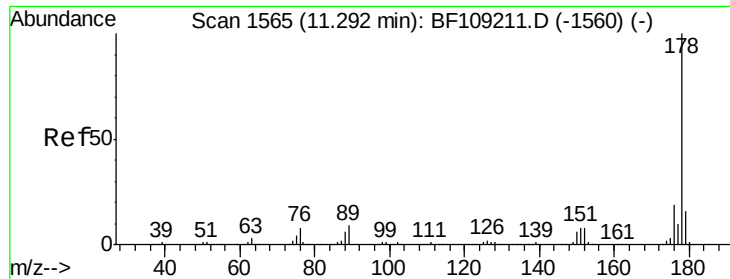
#70
 Phenanthrene
 Concen: 40.976 ng
 RT: 11.24 min Scan# 1557
 Delta R.T. -0.00 min
 Lab File: BF109472.D
 Acq: 1 Oct 2018 15:08

Tgt Ion:178 Resp: 996869
 Ion Ratio Lower Upper
 178 100
 176 19.9 15.8 23.8
 179 15.6 13.0 19.6



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

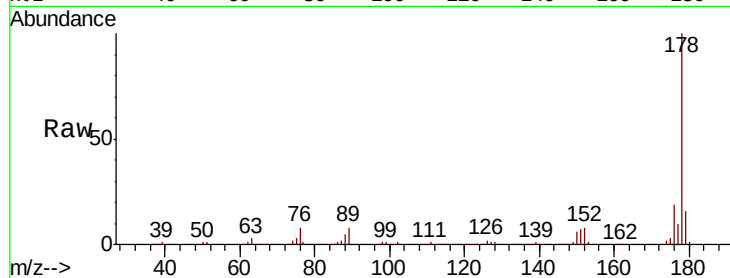




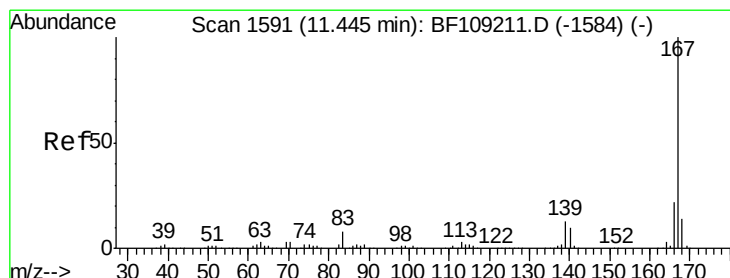
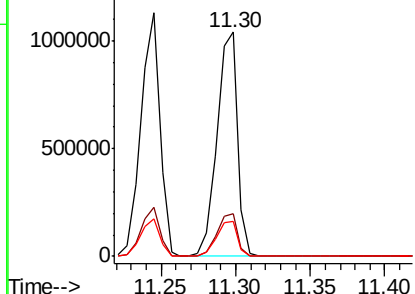
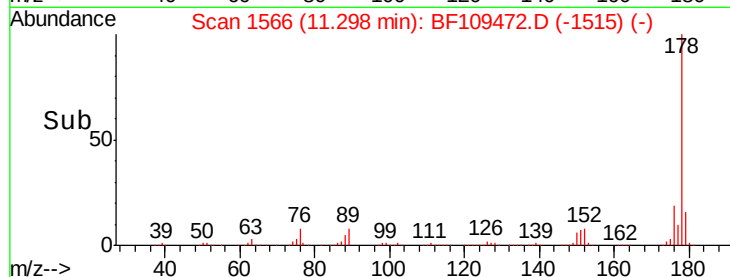
#71
 Anthracene
 Concen: 40.641 ng
 RT: 11.30 min Scan# 1566
 Delta R.T. -0.00 min
 Lab File: BF109472.D
 Acq: 1 Oct 2018 15:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 1002813
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.4 23.2
 179 15.5 12.6 19.0

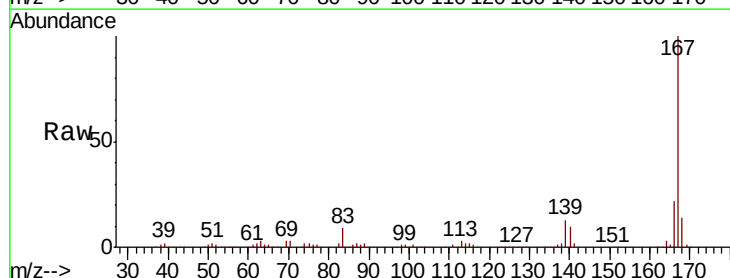


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

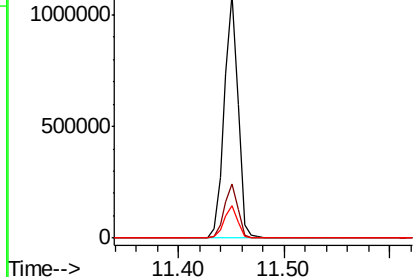
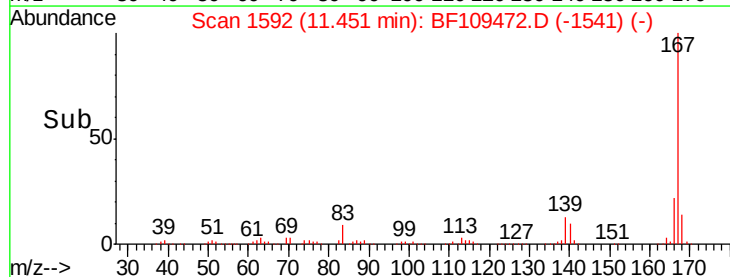


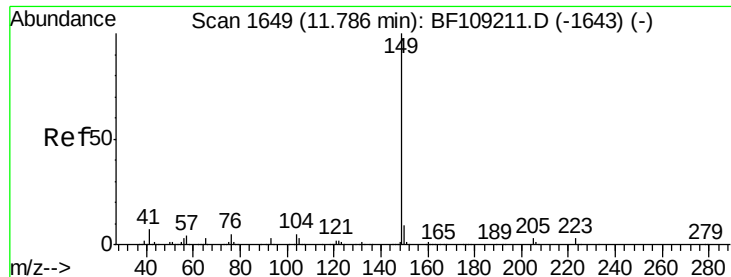
#72
 Carbazole
 Concen: 40.733 ng
 RT: 11.45 min Scan# 1592
 Delta R.T. -0.00 min
 Lab File: BF109472.D
 Acq: 1 Oct 2018 15:08

Tgt Ion:167 Resp: 1000017
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.6 26.4
 139 13.3 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: 42.698 ng

RT: 11.79 min Scan# 1649

Delta R.T. -0.00 min

Lab File: BF109472.D

Acq: 1 Oct 2018 15:08

Instrument :

BNA_F

ClientSampleId :

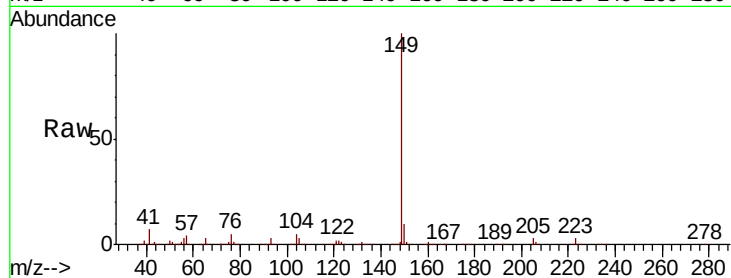
Tot Ion:149 Resp: 1206753

Ion Ratio Lower Upper

149 100

150 9.5 7.8 11.6

104 5.2 3.8 5.8

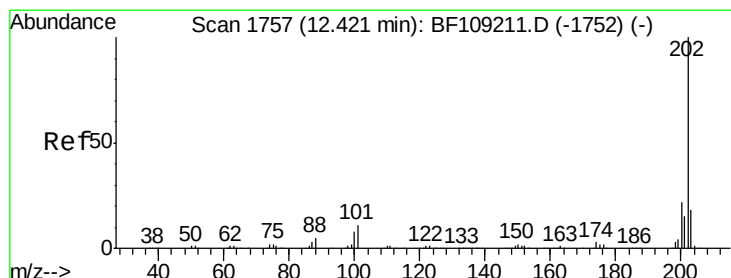
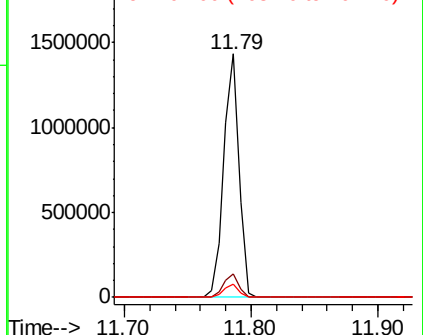
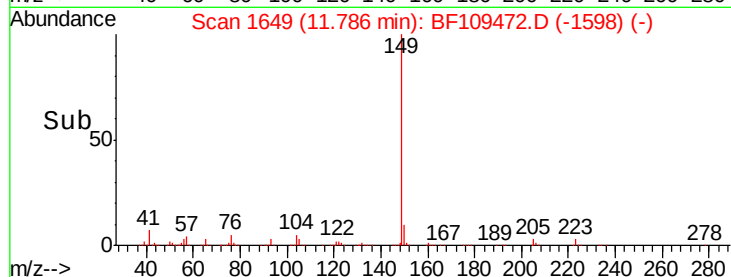


Abundance

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: 39.845 ng

RT: 12.43 min Scan# 1758

Delta R.T. -0.00 min

Lab File: BF109472.D

Acq: 1 Oct 2018 15:08

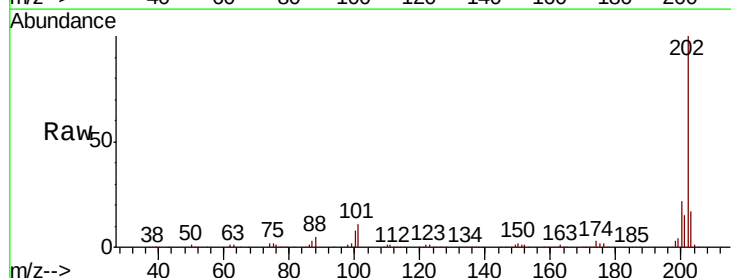
Tgt Ion:202 Resp: 1035921

Ion Ratio Lower Upper

202 100

101 11.0 0.0 34.1

203 17.4 0.0 38.1

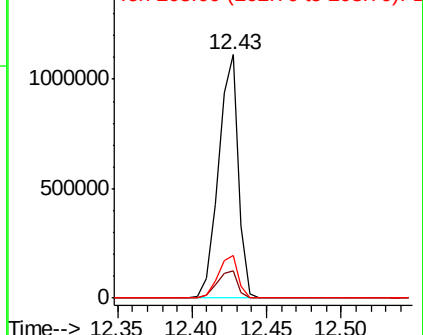
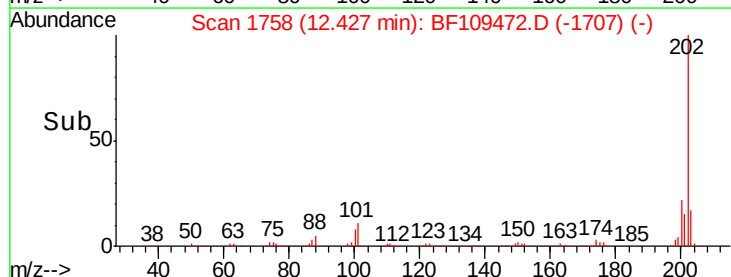


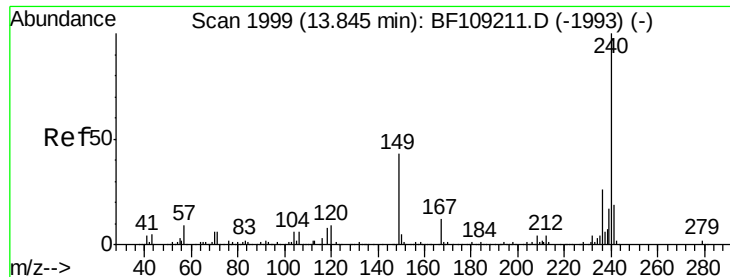
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.85 min Scan# 2000

Delta R.T. 0.01 min

Lab File: BF109472.D

Acq: 1 Oct 2018 15:08

Instrument :

BNA_F

ClientSampled :

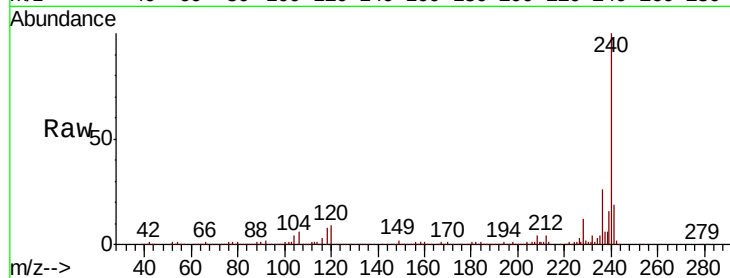
Tot Ion:240 Resp: 358612

Ion Ratio Lower Upper

240 100

120 9.1 9.5 14.3#

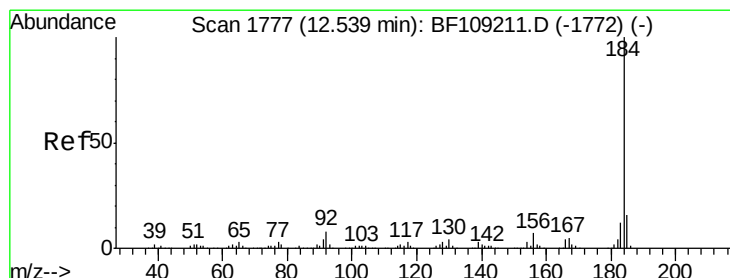
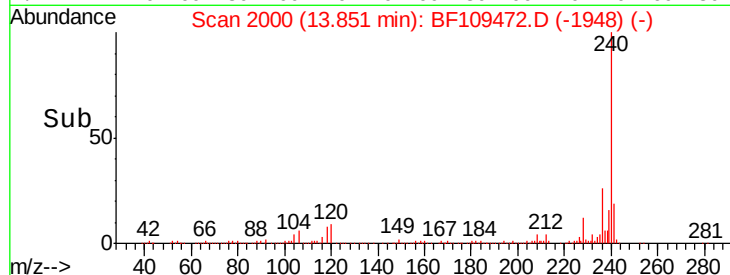
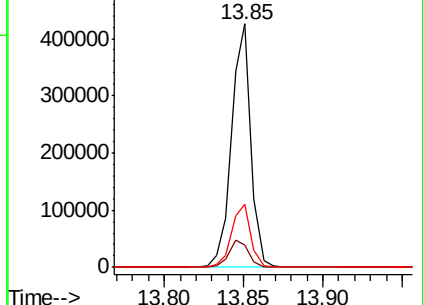
236 26.1 20.7 31.1



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: 37.902 ng

RT: 12.54 min Scan# 1778

Delta R.T. -0.00 min

Lab File: BF109472.D

Acq: 1 Oct 2018 15:08

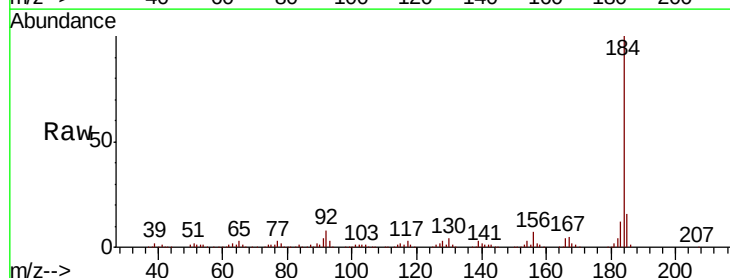
Tgt Ion:184 Resp: 490056

Ion Ratio Lower Upper

184 100

185 15.9 12.6 18.8

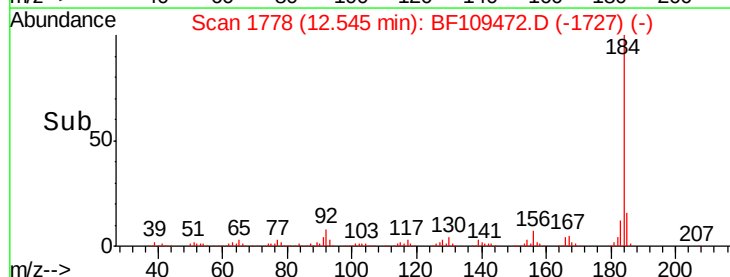
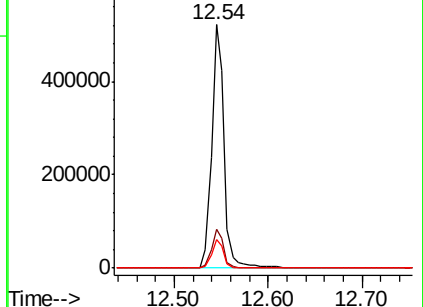
183 11.8 9.3 13.9

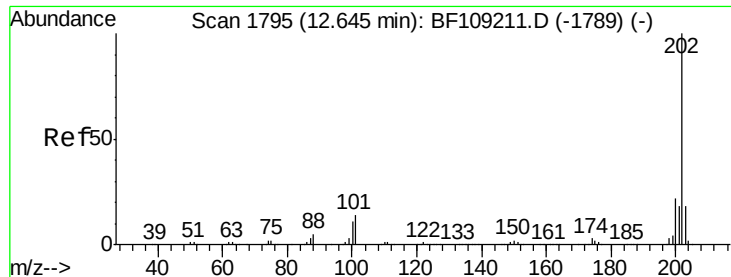


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 41.705 ng

RT: 12.65 min Scan# 1796

Delta R.T. -0.01 min

Lab File: BF109472.D

Acq: 1 Oct 2018 15:08

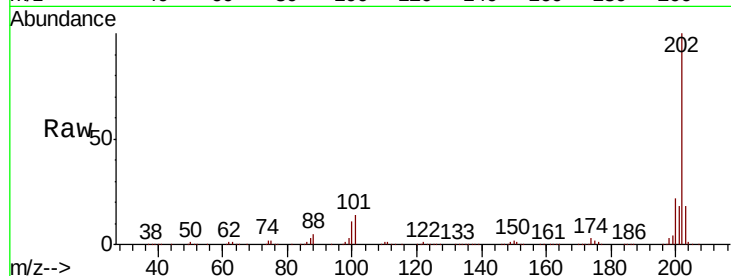
Instrument :

BNA_F

ClientSampled :

Tot Ion:202 Resp: 1071867

Ion	Ratio	Lower	Upper
202	100		
200	22.4	17.4	26.2
203	17.8	14.3	21.5

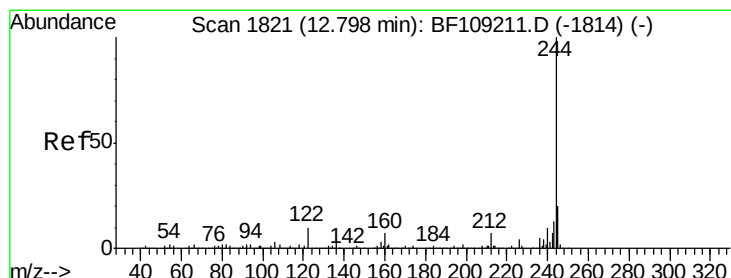
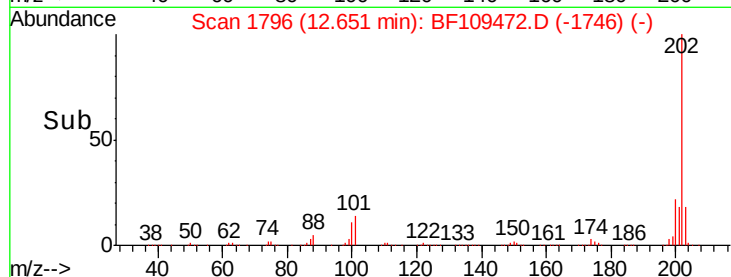
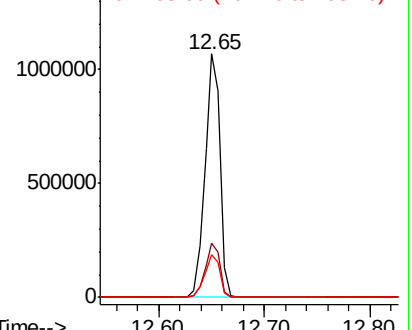


Abundance

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: 82.517 ng

RT: 12.80 min Scan# 1821

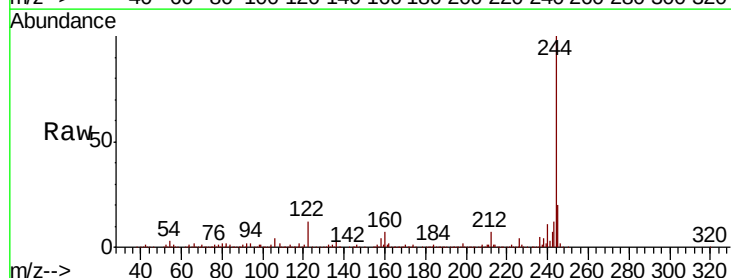
Delta R.T. -0.01 min

Lab File: BF109472.D

Acq: 1 Oct 2018 15:08

Tgt Ion:244 Resp: 1205773

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.4	8.0
122	11.9	11.0	16.4

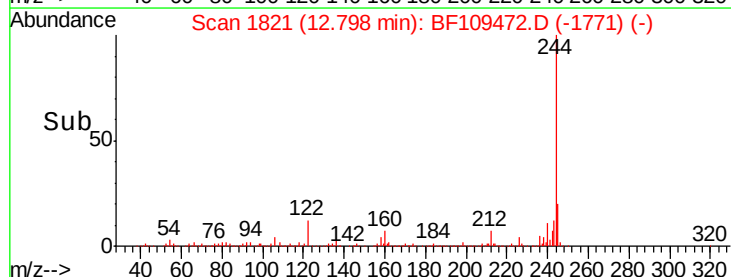
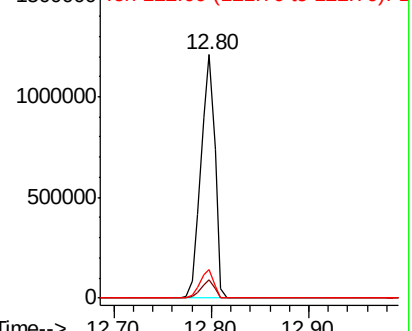


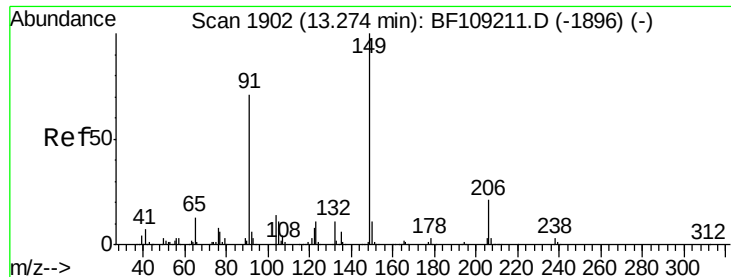
Abundance

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

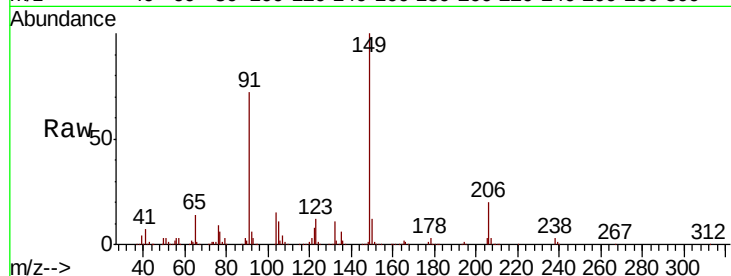




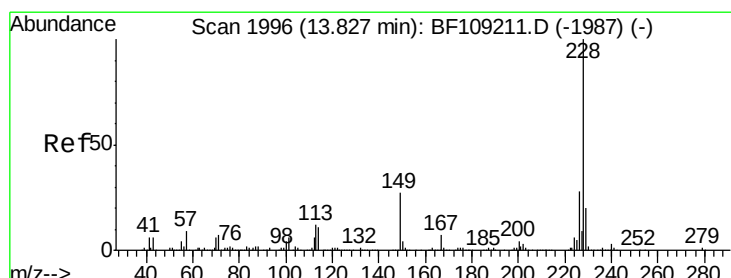
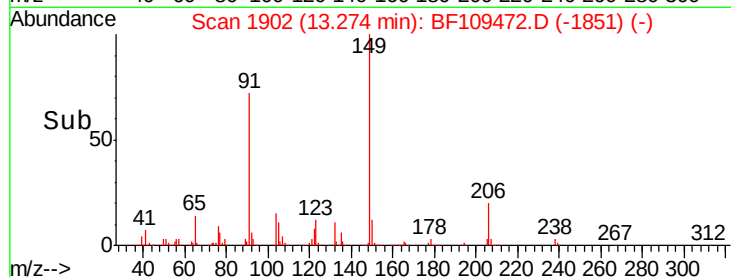
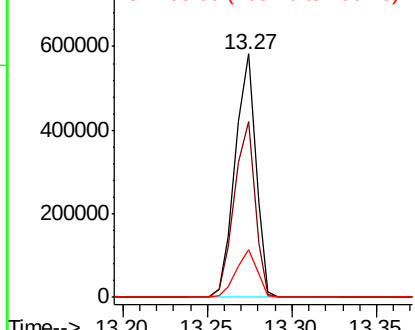
#79
Butylbenzylphthalate
Concen: 45.611 ng
RT: 13.27 min Scan# 1902
Delta R.T. -0.00 min
Lab File: BF109472.D
Acq: 1 Oct 2018 15:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 498722
Ion Ratio Lower Upper
149 100
91 72.4 56.8 85.2
206 19.9 14.1 21.1

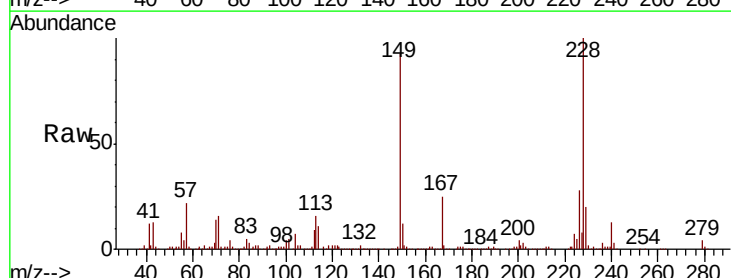


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF1
Ion 206.00 (205.70 to 206.70): E

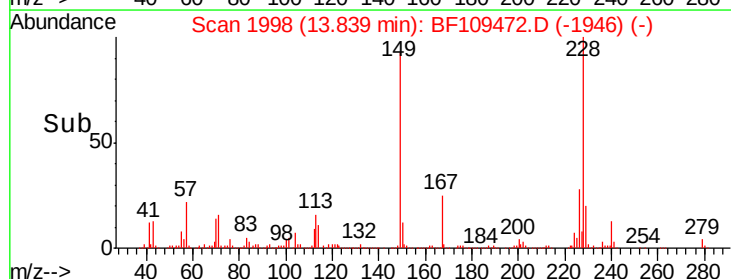
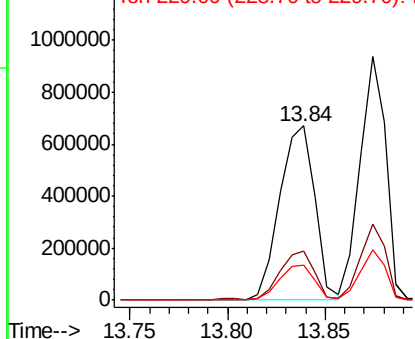


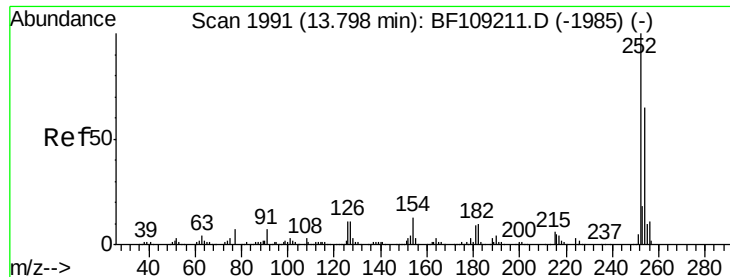
#80
Benzo(a)anthracene
Concen: 38.491 ng
RT: 13.84 min Scan# 1998
Delta R.T. 0.01 min
Lab File: BF109472.D
Acq: 1 Oct 2018 15:08

Tgt Ion:228 Resp: 831413
Ion Ratio Lower Upper
228 100
226 28.1 22.6 33.8
229 20.3 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

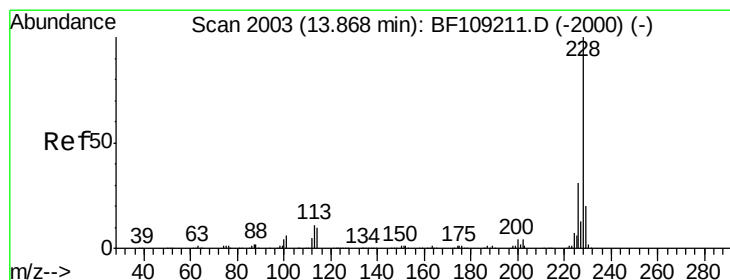
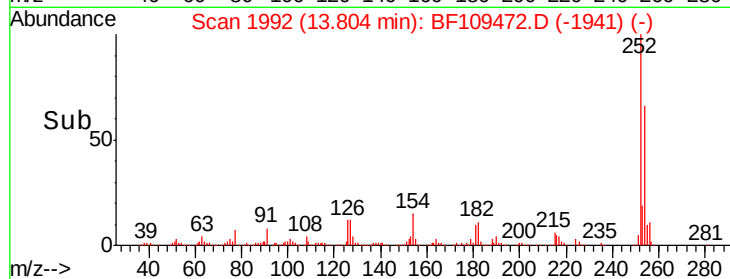
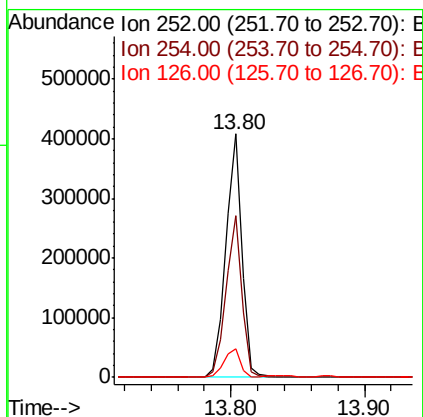
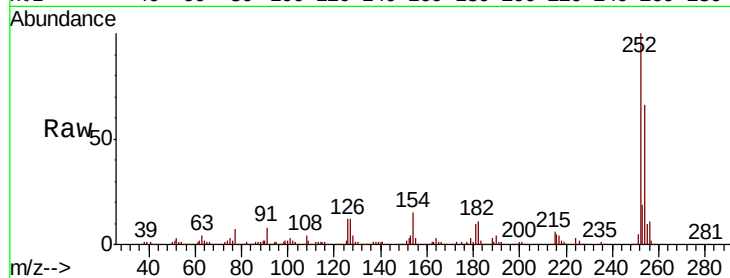




#81
 3,3'-Dichlorobenzidine
 Concen: 42.501 ng
 RT: 13.80 min Scan# 1992
 Delta R.T. -0.00 min
 Lab File: BF109472.D
 Acq: 1 Oct 2018 15:08

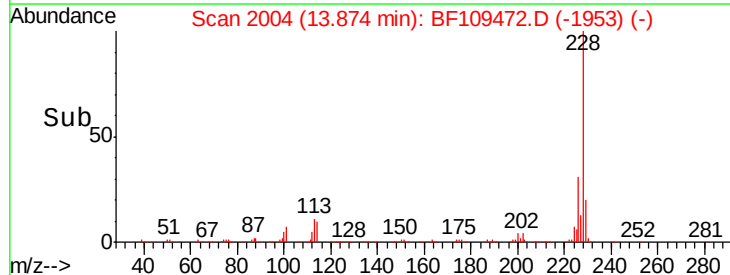
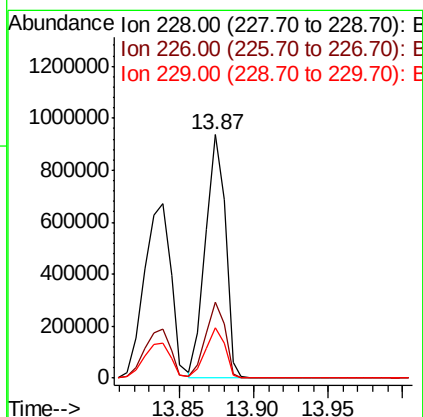
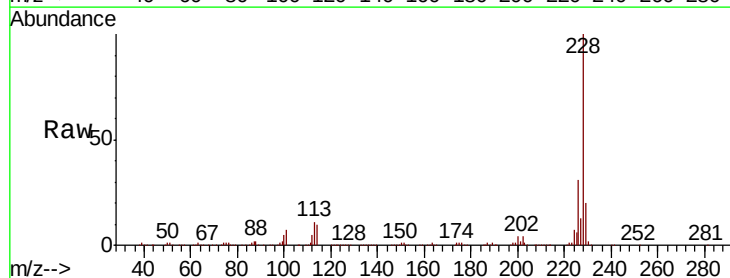
Instrument :
 BNA_F
 ClientSampleId :

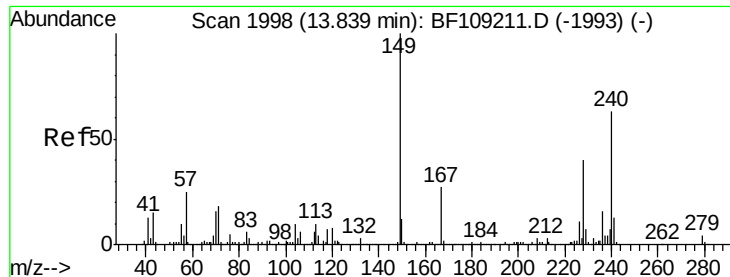
Tot Ion	Ratio	Lower	Upper
252	100		
254	66.5	50.4	75.6
126	11.9	11.3	16.9



#82
 Chrysene
 Concen: 40.353 ng
 RT: 13.87 min Scan# 2004
 Delta R.T. -0.00 min
 Lab File: BF109472.D
 Acq: 1 Oct 2018 15:08

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.0	37.6
229	20.5	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 44.466 ng

RT: 13.83 min Scan# 1997

Delta R.T. -0.01 min

Lab File: BF109472.D

Acq: 1 Oct 2018 15:08

Instrument :

BNA_F

ClientSampleId :

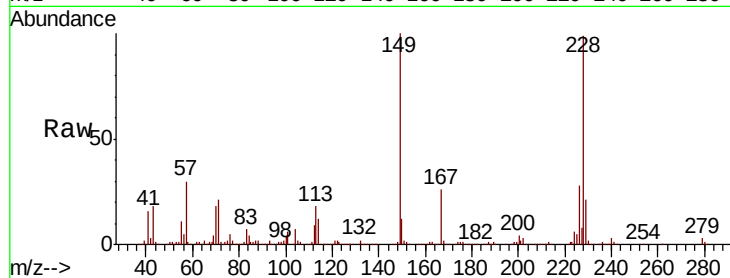
Tot Ion:149 Resp: 613188

Ion Ratio Lower Upper

149 100

167 25.6 21.3 31.9

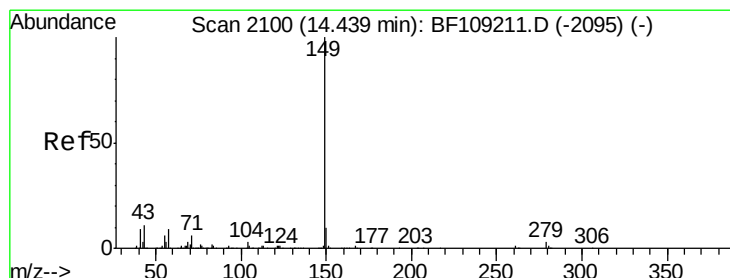
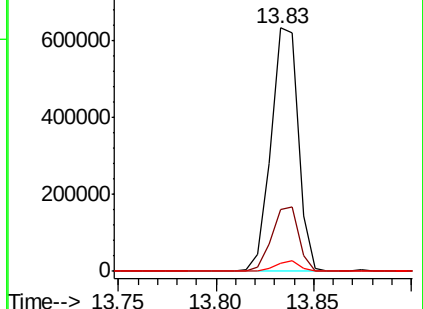
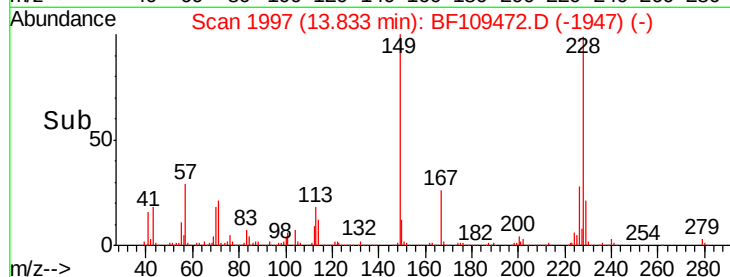
279 3.4 3.0 4.4



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: 45.416 ng

RT: 14.44 min Scan# 2101

Delta R.T. -0.00 min

Lab File: BF109472.D

Acq: 1 Oct 2018 15:08

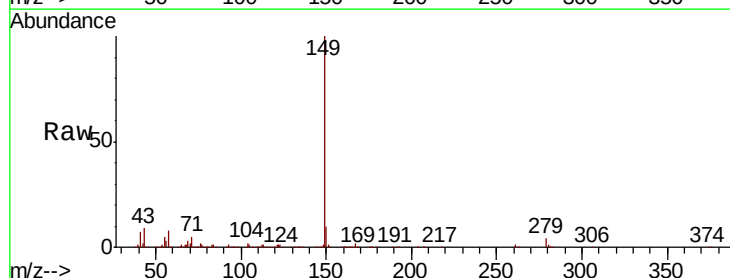
Tgt Ion:149 Resp: 1070834

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

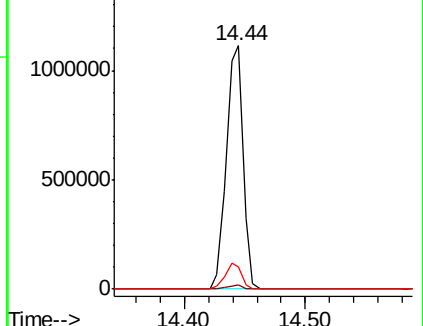
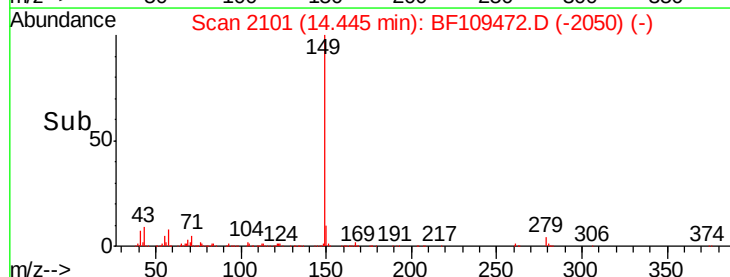
43 10.1 8.4 12.6

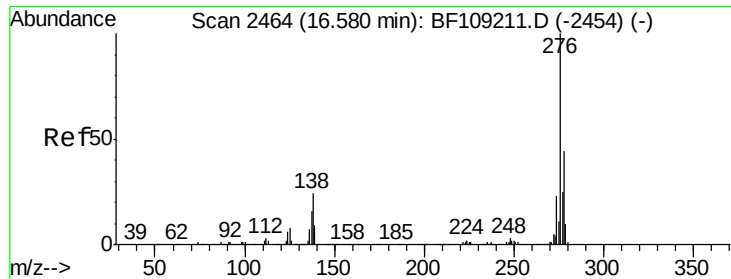


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

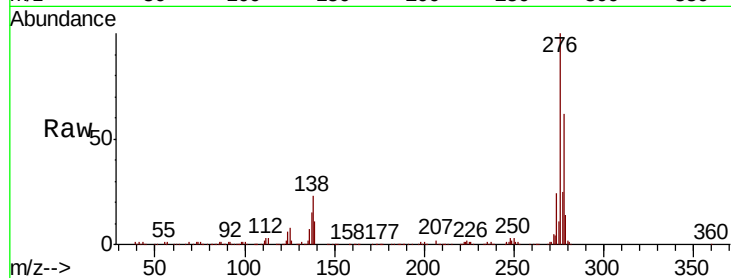




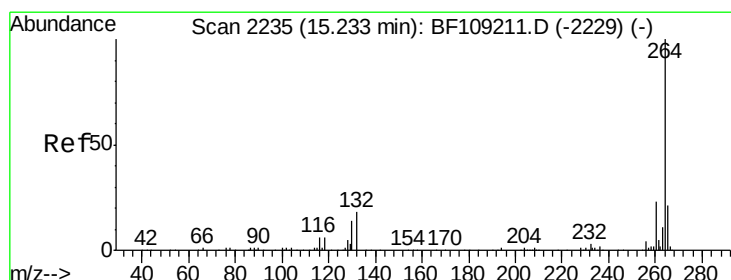
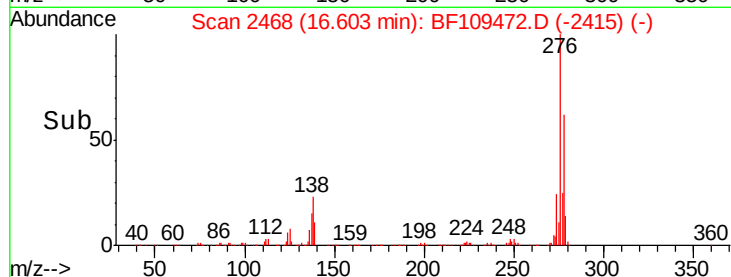
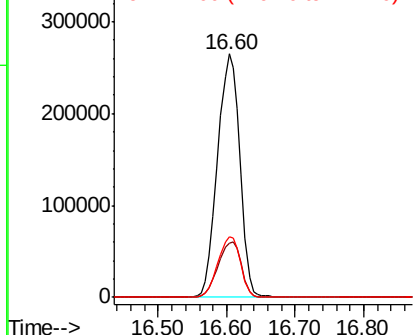
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 34.563 ng
 RT: 16.60 min Scan# 2468
 Delta R.T. 0.01 min
 Lab File: BF109472.D
 Acq: 1 Oct 2018 15:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.5	25.0	37.6#
277	25.1	20.1	30.1

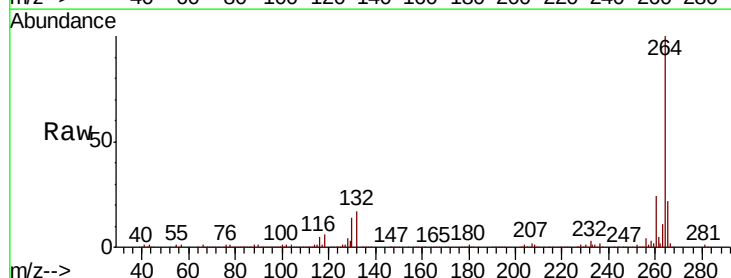


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

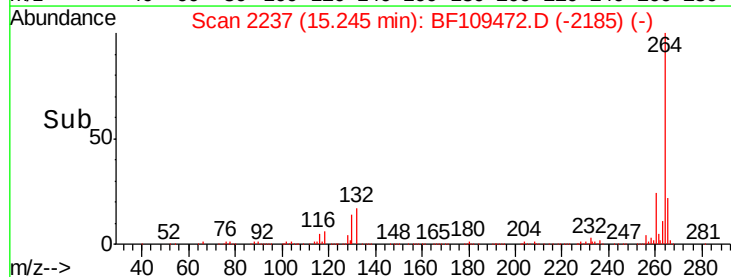
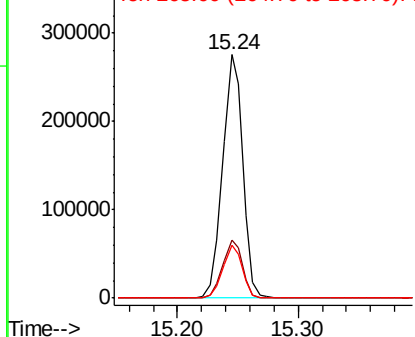


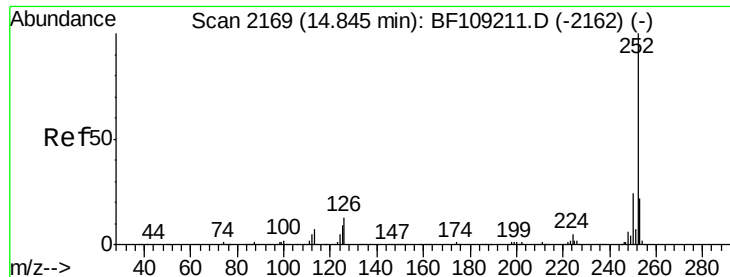
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.24 min Scan# 2237
 Delta R.T. 0.01 min
 Lab File: BF109472.D
 Acq: 1 Oct 2018 15:08

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.6	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

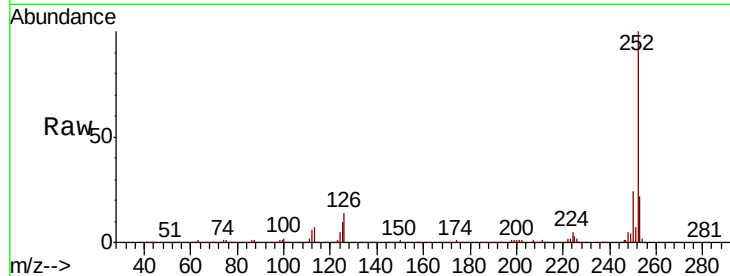




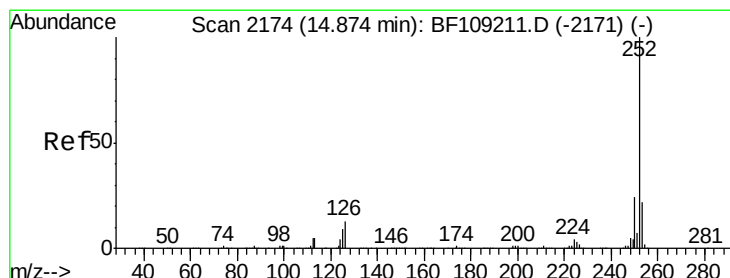
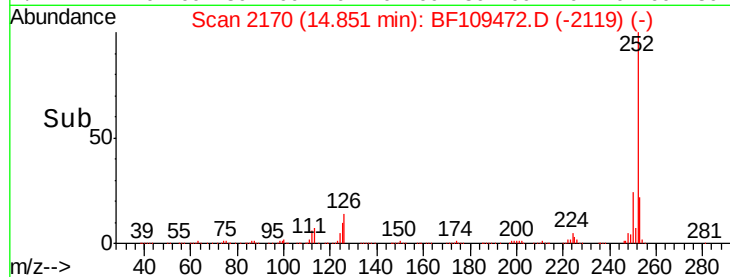
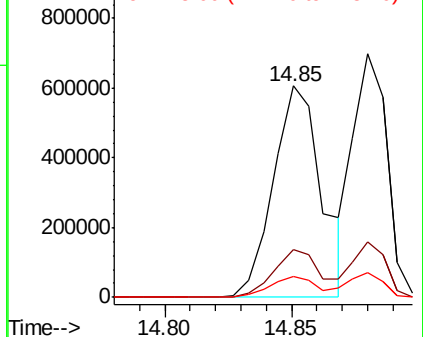
#87
Benzo(b)fluoranthene
Concen: 46.081 ng
RT: 14.85 min Scan# 2170
Delta R.T. -0.00 min
Lab File: BF109472.D
Acq: 1 Oct 2018 15:08

Instrument :
BNA_F
ClientSampled :

Tot Ion:252 Resp: 804133
Ion Ratio Lower Upper
252 100
253 22.5 17.0 25.6
125 10.1 9.0 13.6

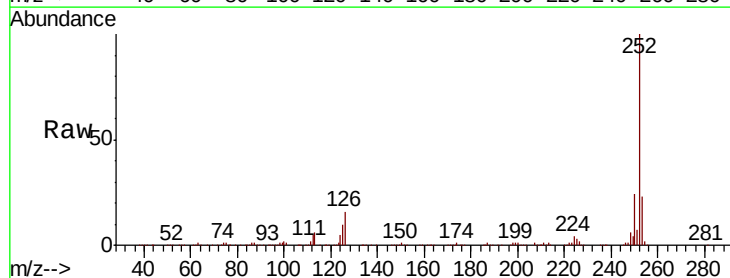


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

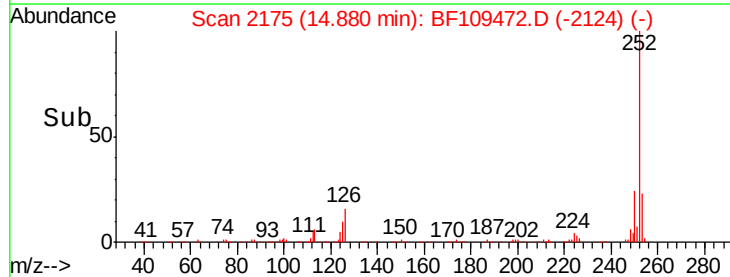
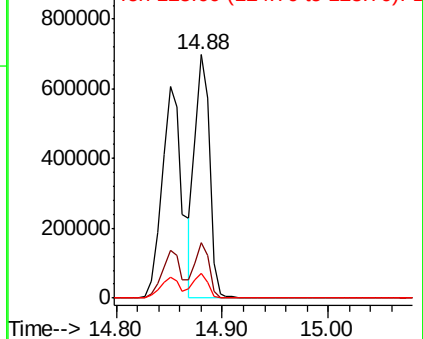


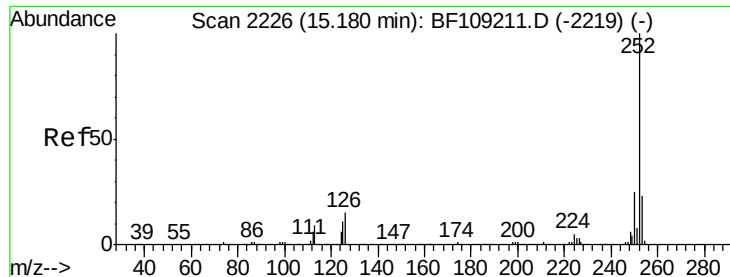
#88
Benzo(k)fluoranthene
Concen: 39.639 ng
RT: 14.88 min Scan# 2175
Delta R.T. -0.00 min
Lab File: BF109472.D
Acq: 1 Oct 2018 15:08

Tgt Ion:252 Resp: 656396
Ion Ratio Lower Upper
252 100
253 22.7 17.9 26.9
125 10.3 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





#89

Benzo(a)pyrene

Concen: 42.377 ng

RT: 15.19 min Scan# 2228

Delta R.T. 0.01 min

Lab File: BF109472.D

Acq: 1 Oct 2018 15:08

Instrument :

BNA_F

ClientSampleId :

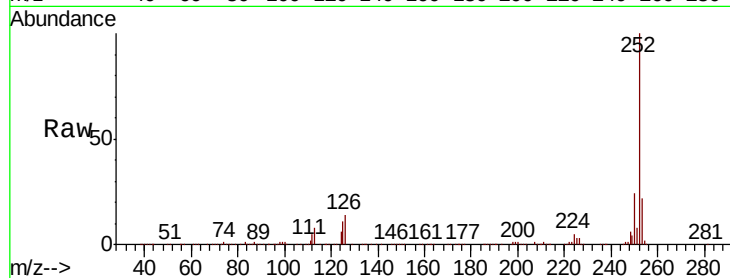
Tot Ion:252 Resp: 666358

Ion Ratio Lower Upper

252 100

253 21.6 17.1 25.7

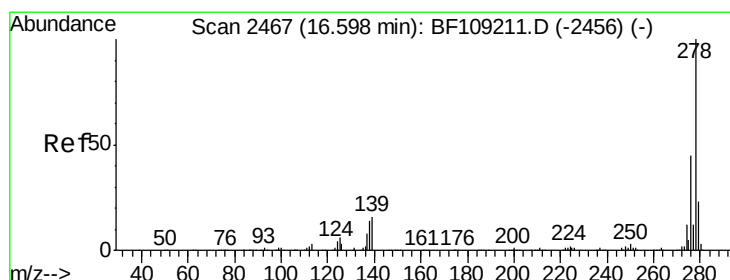
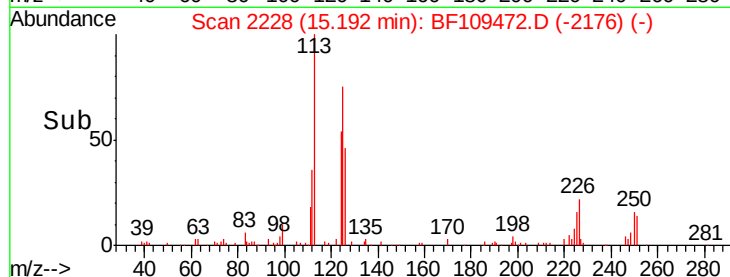
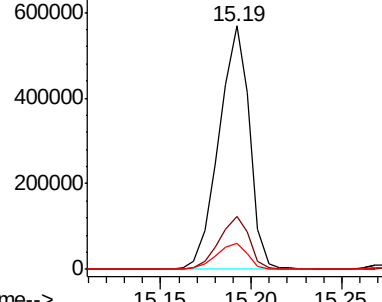
125 10.8 9.8 14.6



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: 38.856 ng

RT: 16.62 min Scan# 2470

Delta R.T. 0.01 min

Lab File: BF109472.D

Acq: 1 Oct 2018 15:08

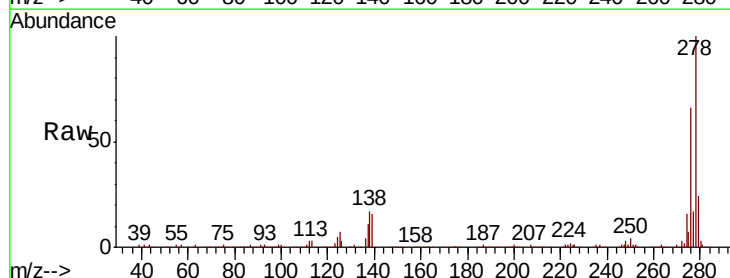
Tgt Ion:278 Resp: 501256

Ion Ratio Lower Upper

278 100

139 15.9 15.9 23.9

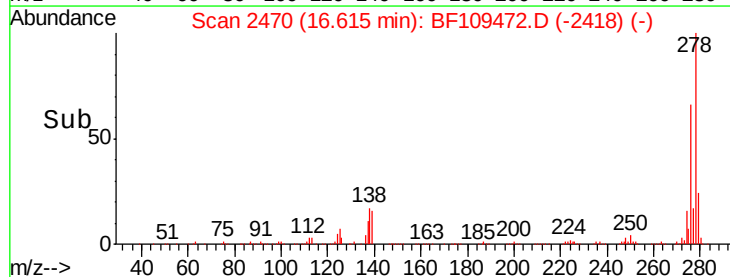
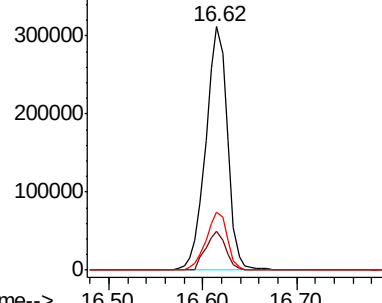
279 24.0 19.0 28.4

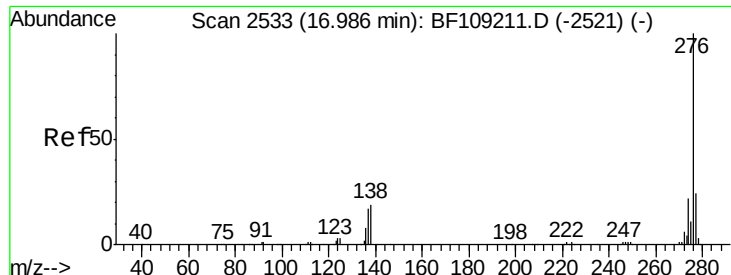


Abundance Ion 278.00 (277.70 to 278.70): E

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: 38.363 ng

RT: 17.01 min Scan# 2537

Delta R.T. 0.01 min

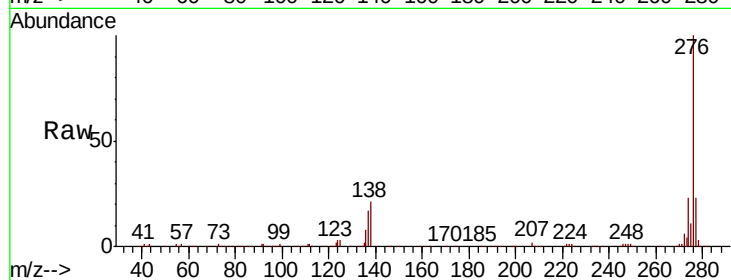
Lab File: BF109472.D

Acq: 1 Oct 2018 15:08

Instrument :

BNA_F

ClientSampleId :



Tot Ion: 276 Resp: 486376

Ion Ratio Lower Upper

276 100

277 22.9 17.9 26.9

138 20.8 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

