

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082318\
 Data File : BF108421.D
 Acq On : 23 Aug 2018 12:20
 Operator : JU/SJ
 Sample : PB112242BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 23 12:48:14 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 22 11:01:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	143483	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	542672	20.00	ng	0.00
38) Acenaphthene-d10	10.05	164	284886	20.00	ng	0.00
63) Phenanthrene-d10	11.54	188	570158	20.00	ng	0.00
75) Chrysene-d12	14.20	240	410186	20.00	ng	0.00
86) Perylene-d12	15.75	264	285408	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	967848	122.12	ng	0.01
7) Phenol-d6	6.63	99	1342367	127.46	ng	0.00
23) Nitrobenzene-d5	7.57	82	894379	91.97	ng	0.00
41) 2,4,6-Tribromophenol	10.85	330	421101	148.19	ng	0.00
44) 2-Fluorobiphenyl	9.36	172	1718222	96.83	ng	0.00
78) Terphenyl-d14	13.13	244	1853422	114.89	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.01	88	131729	32.348	ng	91
3) Pyridine	3.75	79	373077	35.564	ng	85
4) n-Nitrosodimethylamine	3.72	42	212432	35.989	ng	85
6) Aniline	6.67	93	415289	28.990	ng	96
8) 2-Chlorophenol	6.79	128	383506	42.965	ng	95
9) Benzaldehyde	6.55	77	239473	29.328	ng	95
10) Phenol	6.64	94	482862	44.325	ng	91
11) bis(2-Chloroethyl)ether	6.74	93	365581	41.510	ng	94
12) 1,3-Dichlorobenzene	6.94	146	419874	40.682	ng	98
13) 1,4-Dichlorobenzene	7.02	146	425534	41.037	ng	98
14) 1,2-Dichlorobenzene	7.17	146	400827	41.557	ng	99
15) Benzyl Alcohol	7.14	79	344176	38.820	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.27	45	697800	38.460	ng	99
17) 2-Methylphenol	7.25	107	348558	45.536	ng	94
18) Hexachloroethane	7.51	117	154196	41.768	ng	92
19) n-Nitroso-di-n-propylamine	7.41	70	290490	40.789	ng	93
20) 3+4-Methylphenols	7.40	107	418332	42.647	ng	# 74
22) Acetophenone	7.41	105	556047	43.821	ng	# 94
24) Nitrobenzene	7.58	77	437755	44.514	ng	95
25) Isophorone	7.82	82	810866	43.745	ng	97
26) 2-Nitrophenol	7.90	139	197146	53.084	ng	92
27) 2,4-Dimethylphenol	7.93	122	374105	45.473	ng	96
28) bis(2-Chloroethoxy)methane	8.02	93	484387	44.763	ng	99
29) 2,4-Dichlorophenol	8.14	162	354529	46.827	ng	97
30) 1,2,4-Trichlorobenzene	8.22	180	371223	44.472	ng	97
31) Naphthalene	8.31	128	1123253	45.513	ng	99
32) Benzoic acid	8.05	122	147423	33.011	ng	92
33) 4-Chloroaniline	8.35	127	208529	19.389	ng	99
34) Hexachlorobutadiene	8.41	225	239462	45.316	ng	98
35) Caprolactam	8.73	113	57340	24.168	ng	88
36) 4-Chloro-3-methylphenol	8.84	107	382448	46.826	ng	98
37) 2-Methylnaphthalene	9.00	142	796670	45.625	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.17	216	400648	45.796	ng	98
40) Hexachlorocyclopentadiene	9.15	237	406891	72.006	ng	99

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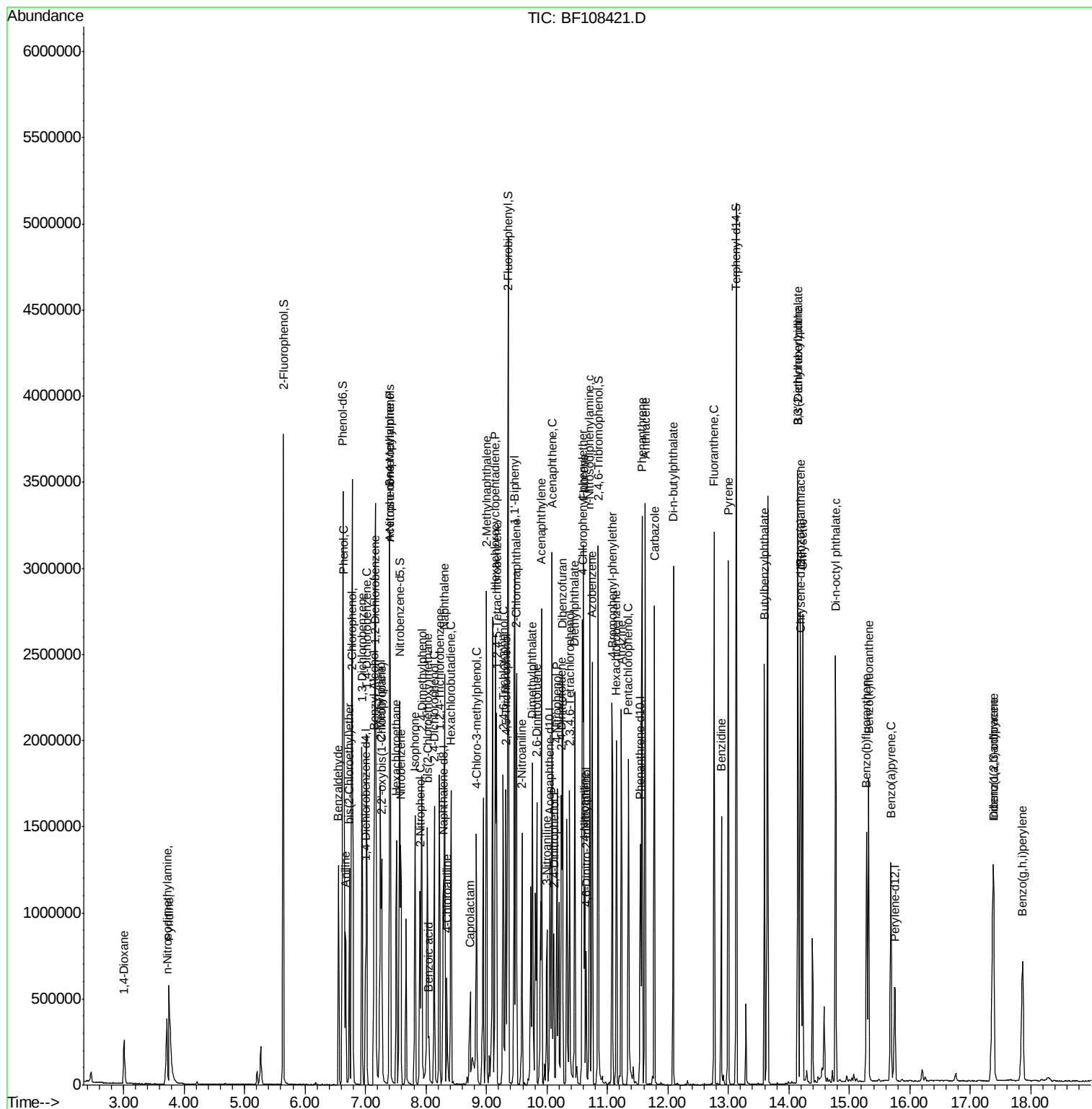
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.28	196	262440	48.341	ng	98
43) 2,4,5-Trichlorophenol	9.32	196	286204	47.890	ng	97
45) 1,1'-Biphenyl	9.47	154	982006	46.752	ng	98
46) 2-Chloronaphthalene	9.50	162	754838	45.469	ng	97
47) 2-Nitroaniline	9.59	65	253874	47.263	ng	88
48) Acenaphthylene	9.91	152	1214366	46.270	ng	99
49) Dimethylphthalate	9.76	163	929712	46.850	ng	99
50) 2,6-Dinitrotoluene	9.83	165	198849	47.894	ng	96
51) Acenaphthene	10.08	154	711547	44.264	ng	99
52) 3-Nitroaniline	10.00	138	126816	27.917	ng	96
53) 2,4-Dinitrophenol	10.11	184	113665	73.753	ng	# 20
54) Dibenzofuran	10.26	168	1071443	46.006	ng	99
55) 4-Nitrophenol	10.17	139	283082	82.292	ng	85
56) 2,4-Dinitrotoluene	10.24	165	270798	50.671	ng	# 94
57) Fluorene	10.60	166	849852	46.097	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.37	232	241294	48.306	ng	# 86
59) Diethylphthalate	10.46	149	896935	46.676	ng	97
60) 4-Chlorophenyl-phenylether	10.59	204	435990	45.384	ng	89
61) 4-Nitroaniline	10.62	138	206255	45.924	ng	93
62) Azobenzene	10.75	77	899597	45.331	ng	93
64) 4,6-Dinitro-2-methylphenol	10.65	198	91598	43.373	ng	93
65) n-Nitrosodiphenylamine	10.71	169	777521	46.147	ng	96
66) 4-Bromophenyl-phenylether	11.08	248	288839	46.616	ng	# 82
67) Hexachlorobenzene	11.15	284	302223	46.358	ng	# 84
68) Atrazine	11.23	200	270266	47.825	ng	97
69) Pentachlorophenol	11.35	266	273555	87.667	ng	98
70) Phenanthrene	11.57	178	1239388	46.087	ng	99
71) Anthracene	11.62	178	1268416	46.019	ng	99
72) Carbazole	11.78	167	1093862	44.668	ng	99
73) Di-n-butylphthalate	12.09	149	1361362	49.079	ng	99
74) Fluoranthene	12.77	202	1338267	45.597	ng	96
76) Benzidine	12.88	184	602318	39.302	ng	98
77) Pyrene	13.00	202	1311299	50.495	ng	99
79) Butylbenzylphthalate	13.59	149	562194	54.519	ng	95
80) Benzo(a)anthracene	14.19	228	1097822	46.635	ng	99
81) 3,3'-Dichlorobenzidine	14.14	252	172538	20.452	ng	# 96
82) Chrysene	14.23	228	1002594	46.456	ng	99
83) Bis(2-ethylhexyl)phthalate	14.15	149	758352	54.307	ng	98
84) Di-n-octyl phthalate	14.77	149	1171061	54.988	ng	96
85) Indeno(1,2,3-cd)pyrene	17.37	276	777719	41.590	ng	# 90
87) Benzo(b)fluoranthene	15.29	252	817472	47.933	ng	# 96
88) Benzo(k)fluoranthene	15.32	252	755403	48.185	ng	# 96
89) Benzo(a)pyrene	15.69	252	716205	46.898	ng	# 97
90) Dibenzo(a,h)anthracene	17.38	278	651342	51.547	ng	# 94
91) Benzo(g,h,i)perylene	17.87	276	663003	53.286	ng	# 90

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

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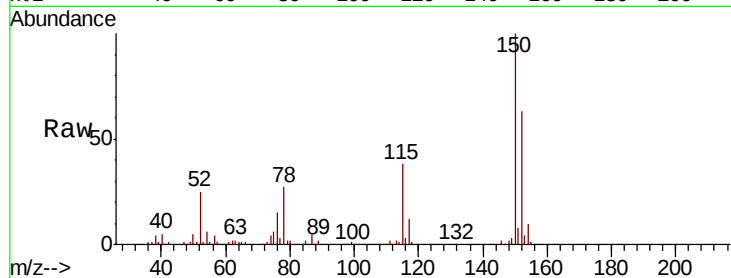


#1

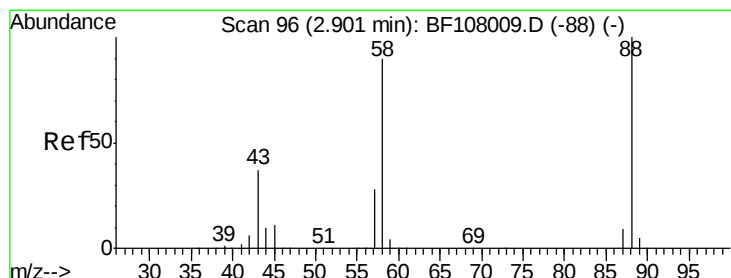
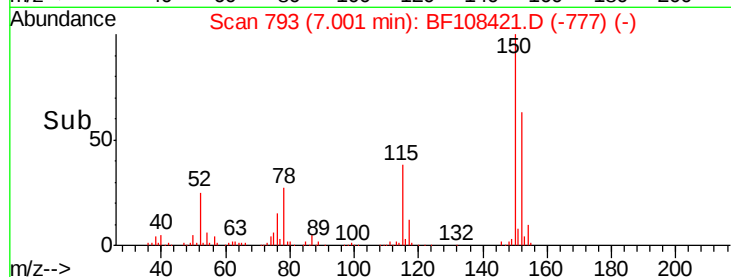
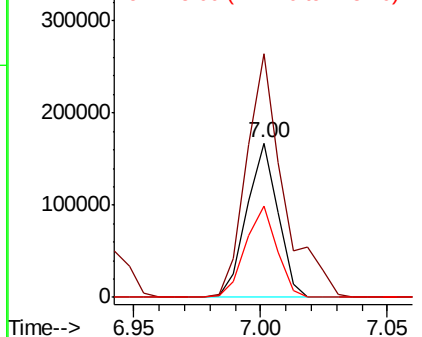
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108421.D
Acq: 23 Aug 2018 12:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 143483
Ion Ratio Lower Upper
152 100
150 157.8 124.6 186.8
115 59.2 50.1 75.1



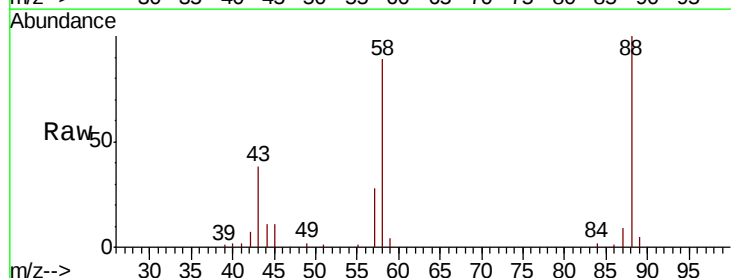
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



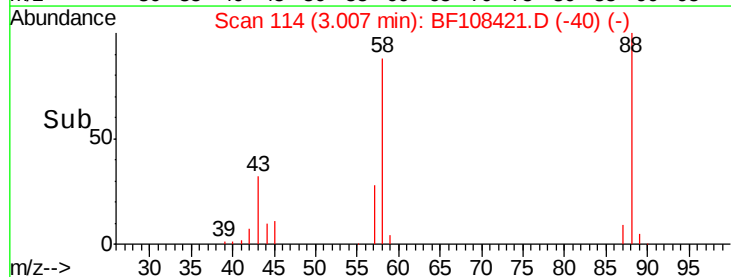
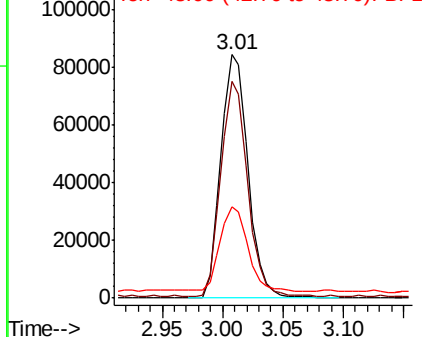
#2

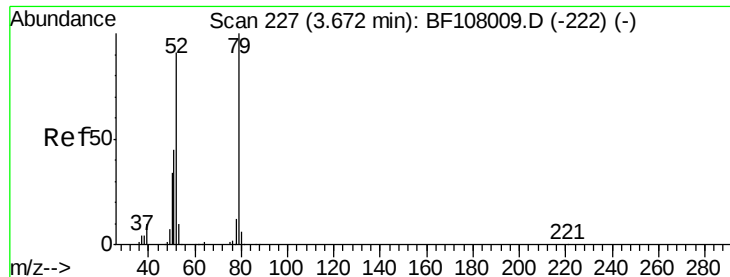
1,4-Dioxane
Concen: 32.348 ng
RT: 3.01 min Scan# 114
Delta R.T. 0.14 min
Lab File: BF108421.D
Acq: 23 Aug 2018 12:20

Tgt Ion: 88 Resp: 131729
Ion Ratio Lower Upper
88 100
58 86.7 62.6 93.8
43 35.1 24.6 37.0



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





#3

Pvridine

Concen: 35.564 ng

RT: 3.75 min Scan# 241

Delta R.T. 0.09 min

Lab File: BF108421.D

Acq: 23 Aug 2018 12:20

Instrument :

BNA_F

ClientSampleId :

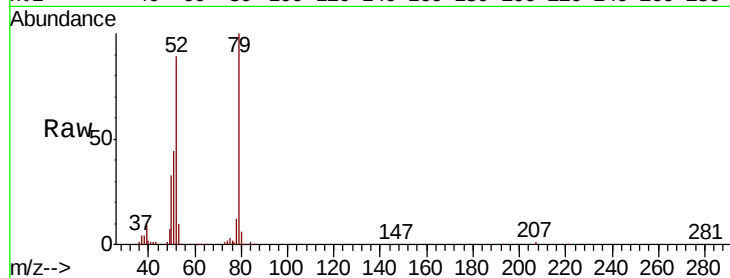
Tot Ion: 79 Resp: 373077

Ion Ratio Lower Upper

79 100

52 88.7 59.8 89.6

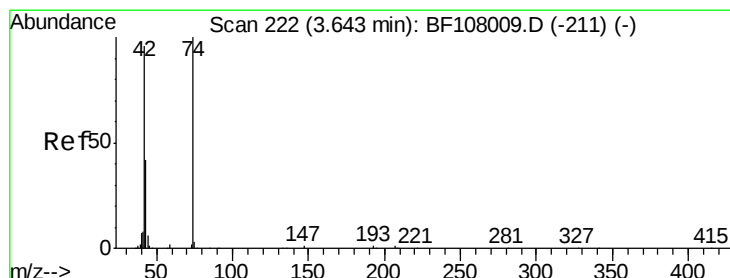
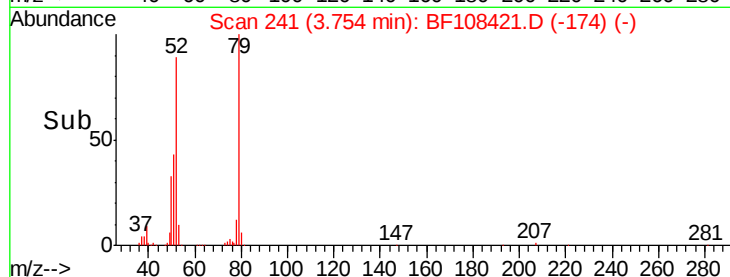
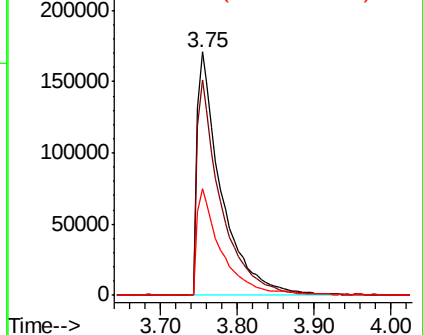
51 43.8 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 35.989 ng

RT: 3.72 min Scan# 235

Delta R.T. 0.09 min

Lab File: BF108421.D

Acq: 23 Aug 2018 12:20

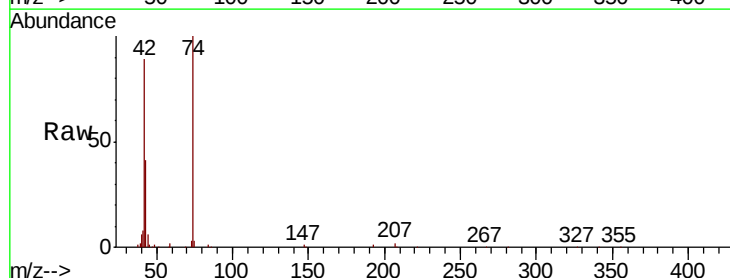
Tgt Ion: 42 Resp: 212432

Ion Ratio Lower Upper

42 100

74 112.6 104.9 157.3

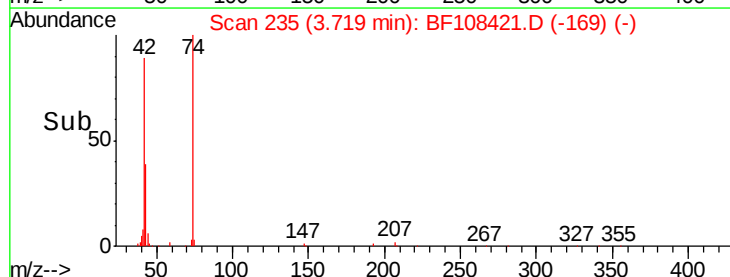
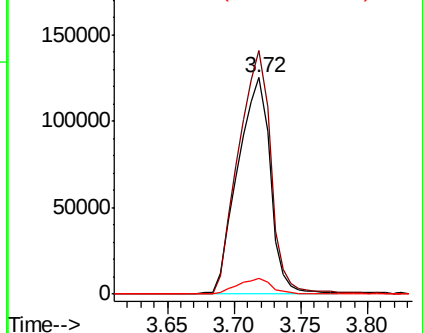
44 7.3 6.9 10.3



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: 122.122 ng

RT: 5.64 min Scan# 562

Delta R.T. 0.01 min

Lab File: BF108421.D

Acq: 23 Aug 2018 12:20

Instrument :

BNA_F

ClientSampleId :

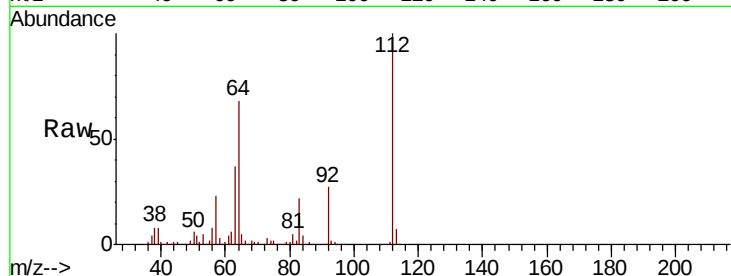
Tot Ion:112 Resp: 967848

Ion Ratio Lower Upper

112 100

64 68.1 47.9 71.9

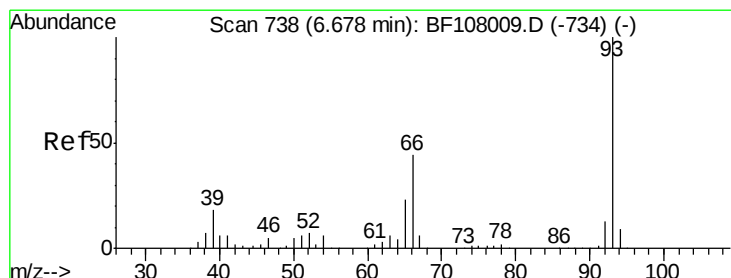
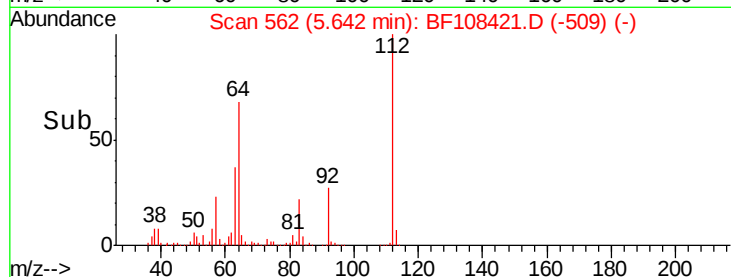
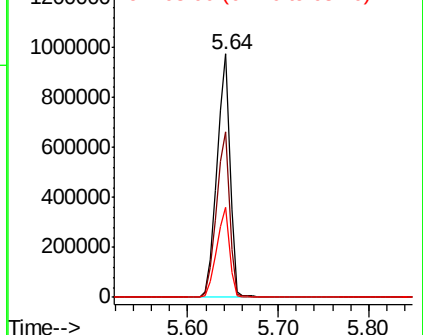
63 36.8 23.7 35.5#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 28.990 ng

RT: 6.67 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF108421.D

Acq: 23 Aug 2018 12:20

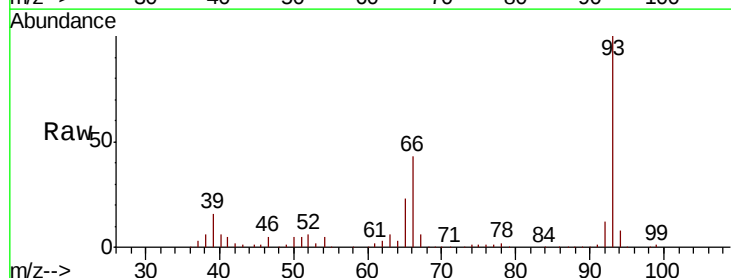
Tgt Ion: 93 Resp: 415289

Ion Ratio Lower Upper

93 100

66 42.7 32.2 48.2

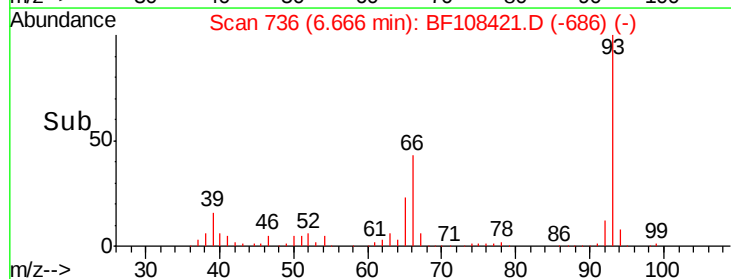
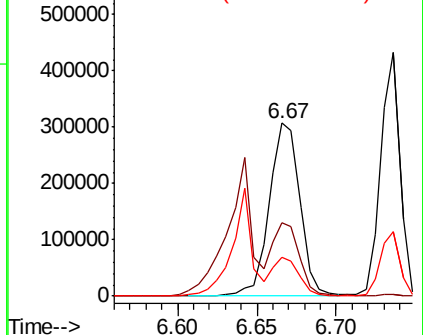
65 22.6 16.4 24.6

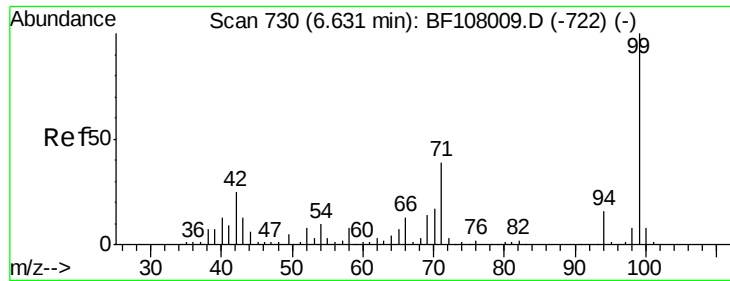


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 127.461 ng

RT: 6.63 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF108421.D

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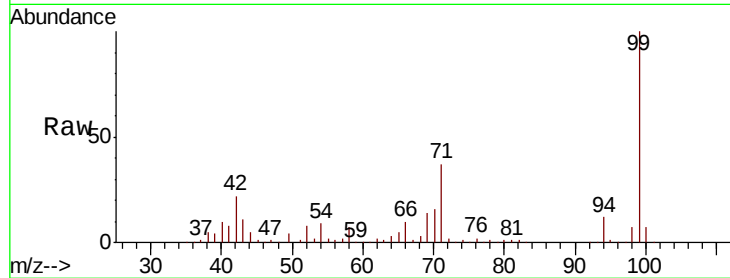
Tot Ion: 99 Resp: 1342367

Ion Ratio Lower Upper

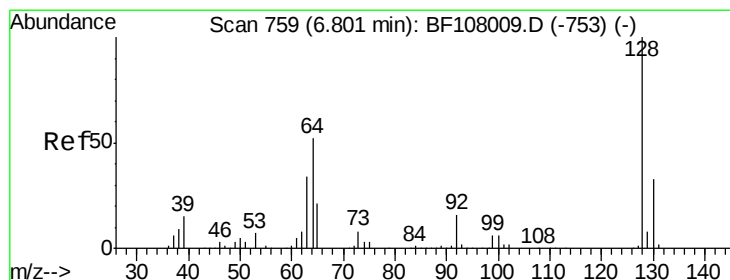
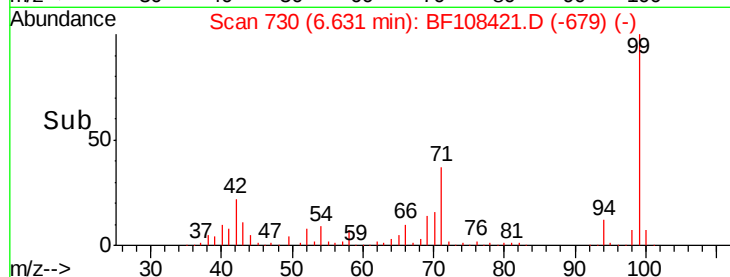
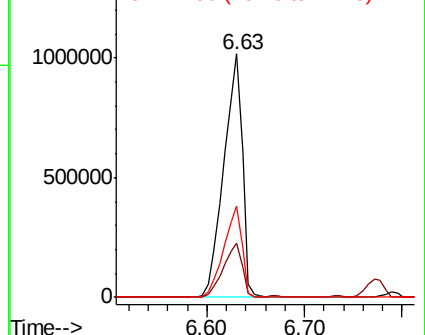
99 100

42 22.3 14.5 21.7#

71 37.3 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: 42.965 ng

RT: 6.79 min Scan# 757

Delta R.T. -0.01 min

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Acq: 23 Aug 2018 12:20

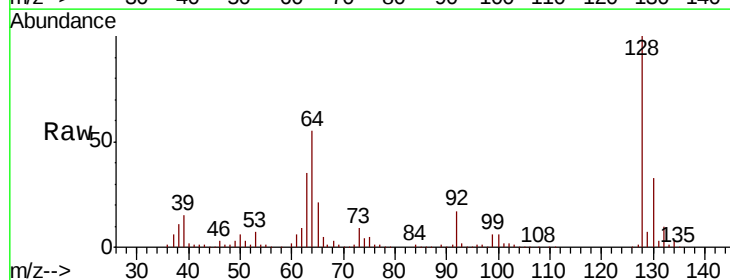
Tgt Ion:128 Resp: 383506

Ion Ratio Lower Upper

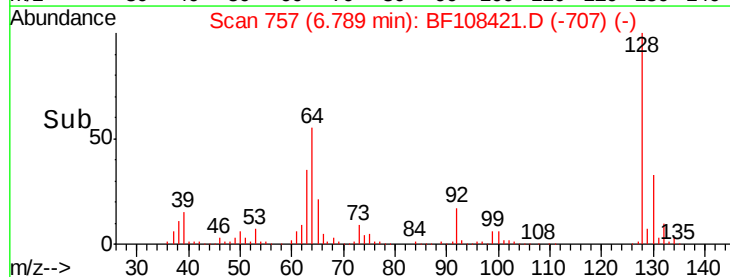
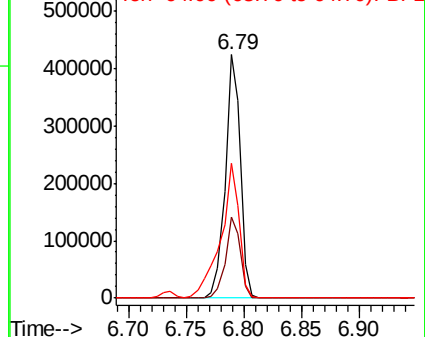
128 100

130 33.2 13.0 53.0

64 55.3 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: 29.328 ng

RT: 6.55 min Scan# 717

Delta R.T. -0.01 min

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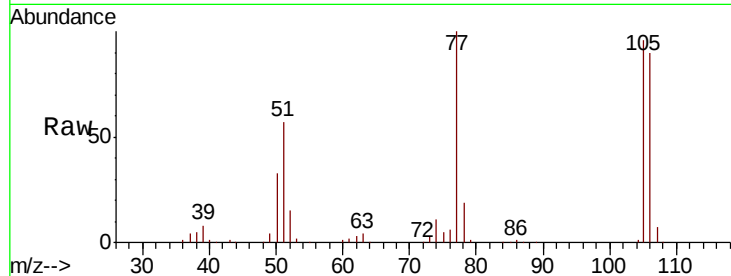
Tot Ion: 77 Resp: 239473

Ion Ratio Lower Upper

77 100

105 95.9 81.1 121.1

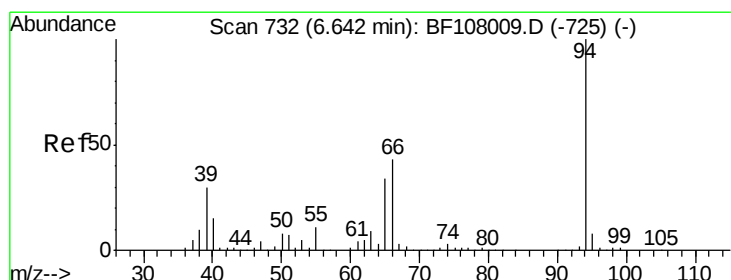
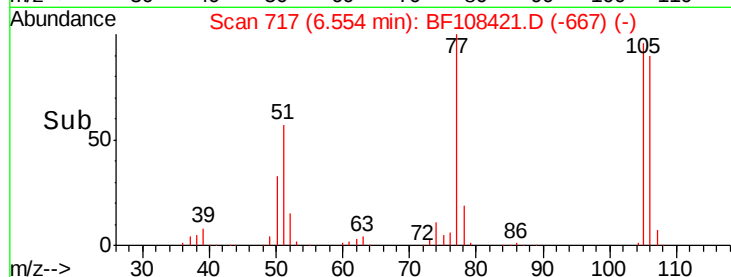
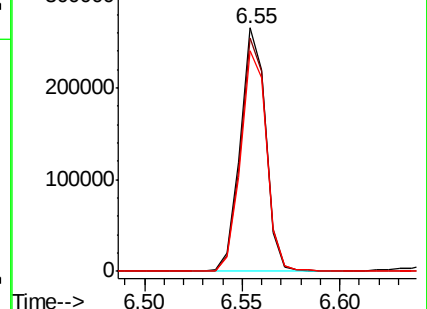
106 90.5 74.5 114.5



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: 44.325 ng

RT: 6.64 min Scan# 732

Delta R.T. -0.00 min

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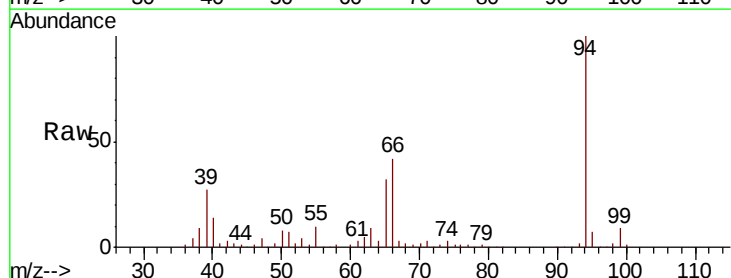
Tgt Ion: 94 Resp: 482862

Ion Ratio Lower Upper

94 100

65 32.4 7.9 47.9

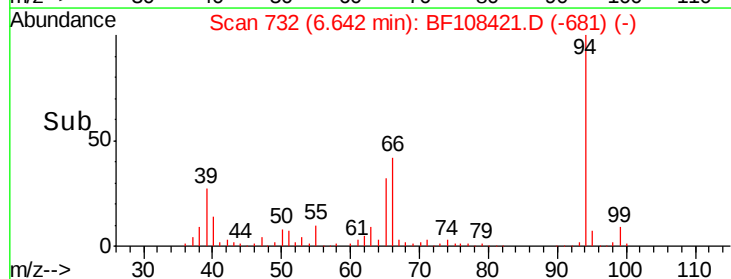
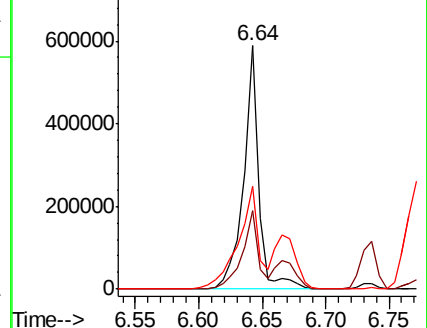
66 42.0 16.2 56.2



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: 41.510 ng

RT: 6.74 min Scan# 748

Delta R.T. -0.00 min

Lab File: BF108421.D

Acq: 23 Aug 2018 12:20

Instrument :

BNA_F

ClientSampled :

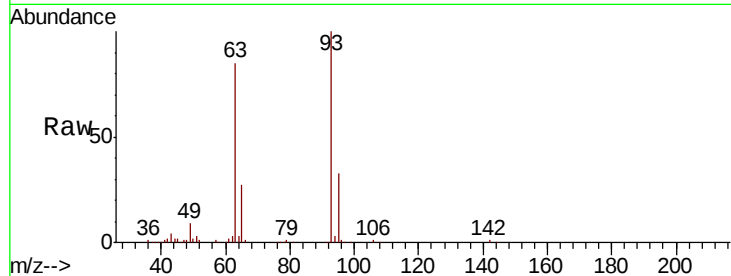
Tot Ion: 93 Resp: 365581

Ion Ratio Lower Upper

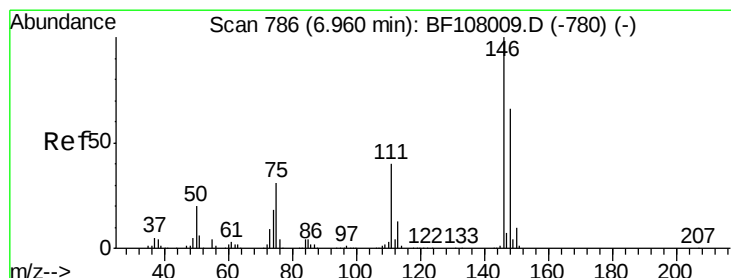
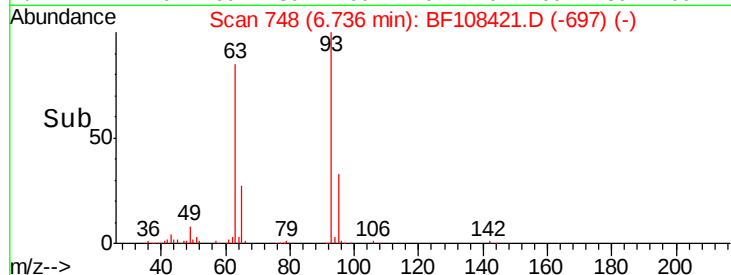
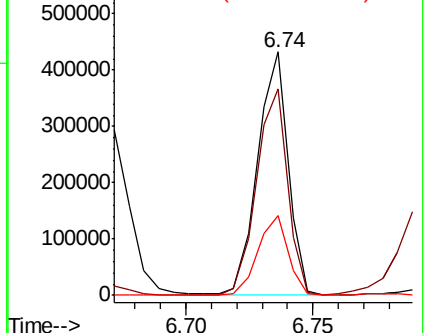
93 100

63 85.0 58.6 98.6

95 32.7 11.8 51.8



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



#12

1,3-Dichlorobenzene

Concen: 40.682 ng

RT: 6.94 min Scan# 783

Delta R.T. -0.01 min

Lab File: BF108421.D

Acq: 23 Aug 2018 12:20

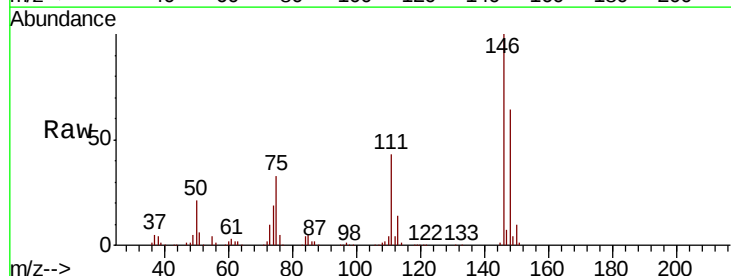
Tgt Ion: 146 Resp: 419874

Ion Ratio Lower Upper

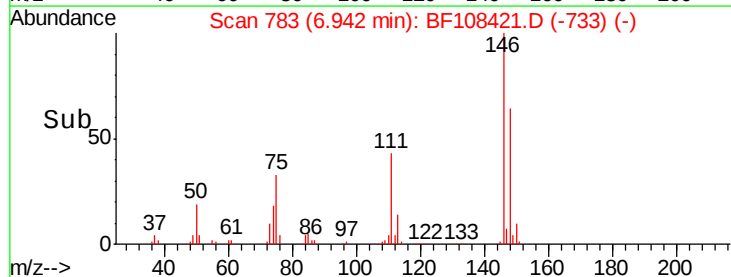
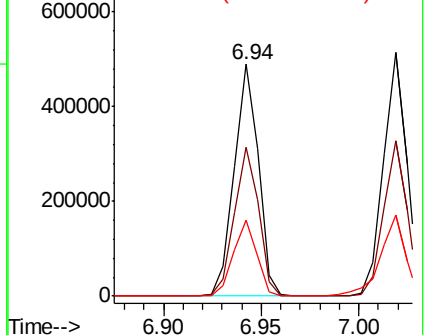
146 100

148 64.2 51.8 77.8

75 32.9 24.2 36.4



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





#13

1,4-Dichlorobenzene

Concen: 41.037 ng

RT: 7.02 min Scan# 796

Delta R.T. -0.01 min

Lab File: BF108421.D

Acq: 23 Aug 2018 12:20

Instrument :

BNA_F

ClientSampleId :

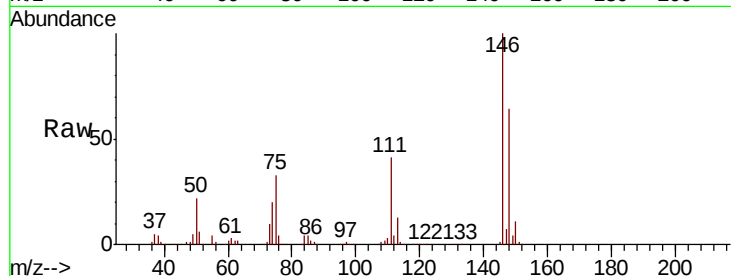
Tot Ion:146 Resp: 425534

Ion Ratio Lower Upper

146 100

148 63.7 50.8 76.2

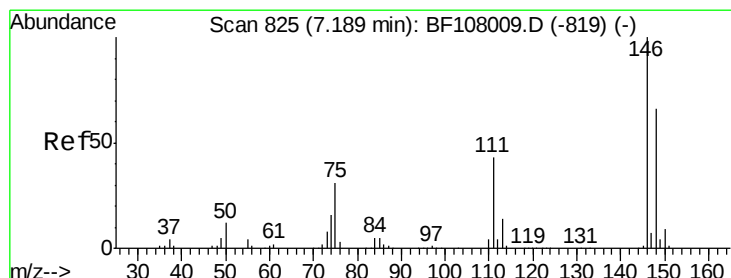
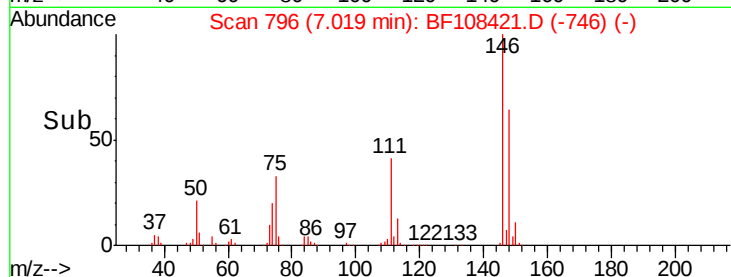
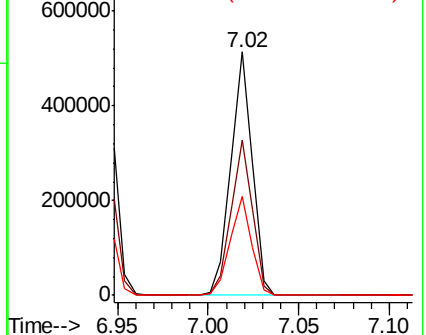
111 40.5 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 41.557 ng

RT: 7.17 min Scan# 822

Delta R.T. -0.01 min

Lab File: BF108421.D

Acq: 23 Aug 2018 12:20

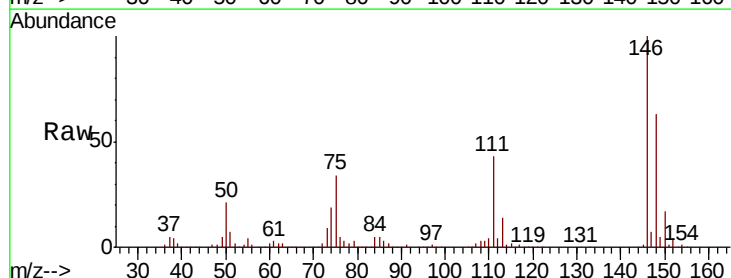
Tgt Ion:146 Resp: 400827

Ion Ratio Lower Upper

146 100

148 63.3 50.6 75.8

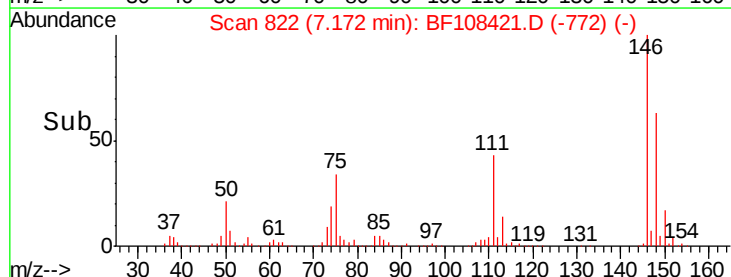
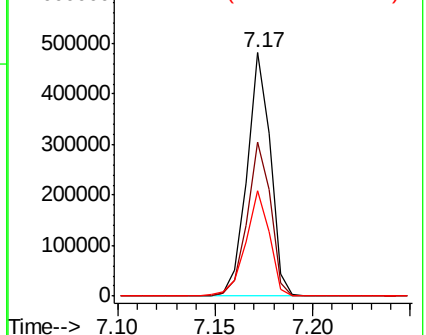
111 43.4 36.0 54.0



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 38.820 ng

RT: 7.14 min Scan# 817

Delta R.T. -0.00 min

Lab File: BF108421.D

Acq: 23 Aug 2018 12:20

Instrument :

BNA_F

ClientSampled :

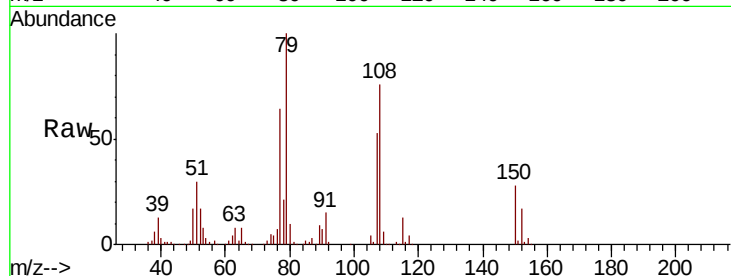
Tot Ion: 79 Resp: 344176

Ion Ratio Lower Upper

79 100

108 76.4 65.1 97.7

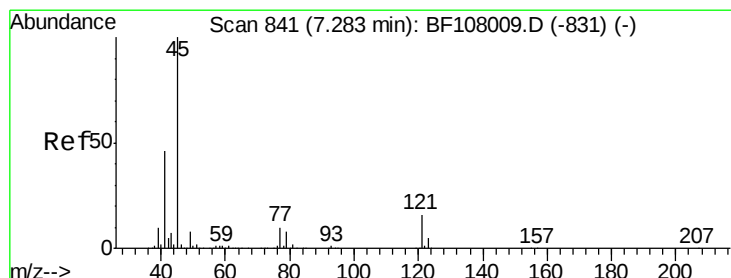
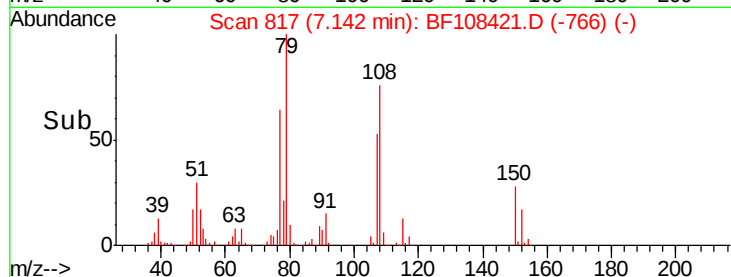
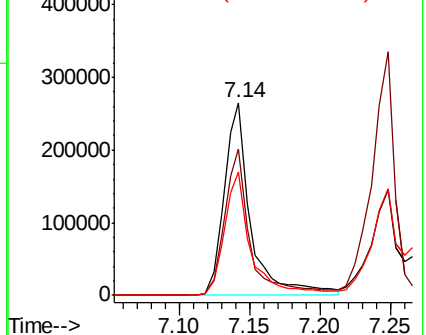
77 63.9 50.6 75.8



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: 38.460 ng

RT: 7.27 min Scan# 838

Delta R.T. -0.01 min

Lab File: BF108421.D

Acq: 23 Aug 2018 12:20

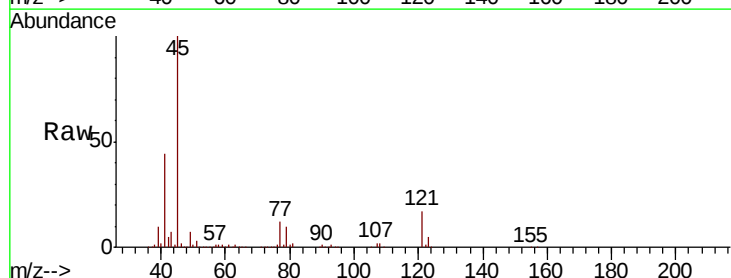
Tgt Ion: 45 Resp: 697800

Ion Ratio Lower Upper

45 100

77 12.4 0.0 32.9

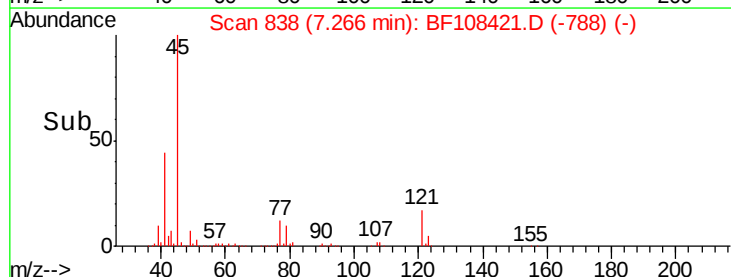
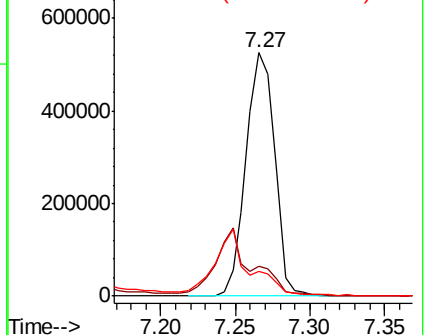
79 10.0 0.0 29.6

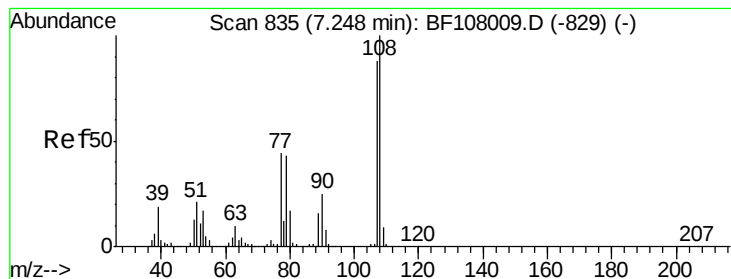


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 45.536 ng

RT: 7.25 min Scan# 835

Delta R.T. -0.00 min

Lab File: BF108421.D

Acq: 23 Aug 2018 12:20

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 348558

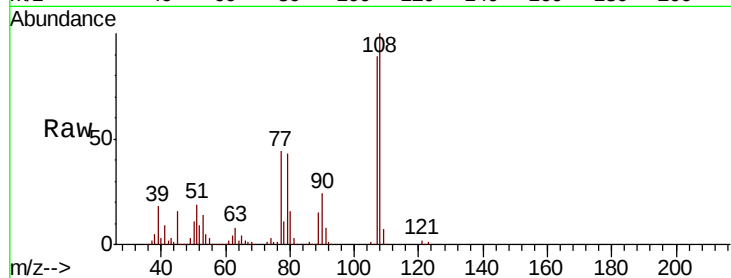
Ion Ratio Lower Upper

107 100

108 112.4 91.7 137.5

77 49.2 33.8 50.8

79 48.5 33.8 50.8

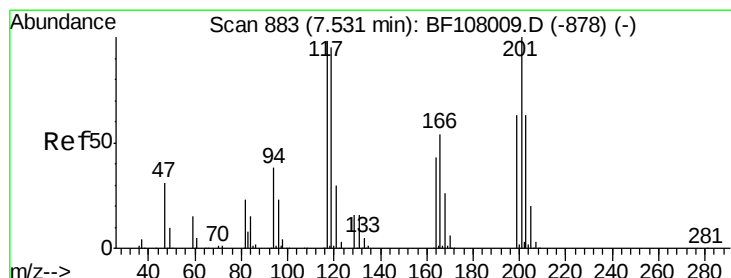
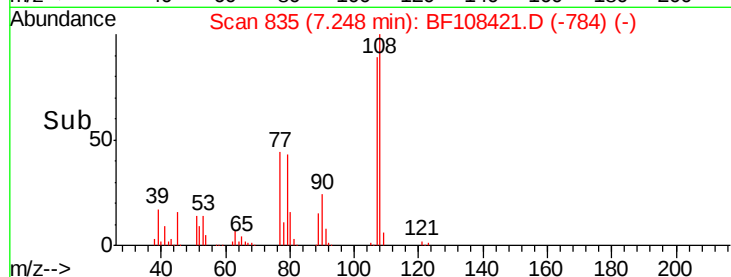
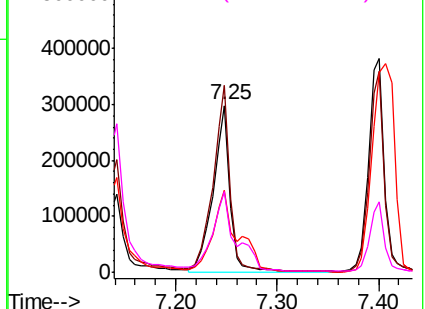


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 41.768 ng

RT: 7.51 min Scan# 880

Delta R.T. -0.01 min

Lab File: BF108421.D

Acq: 23 Aug 2018 12:20

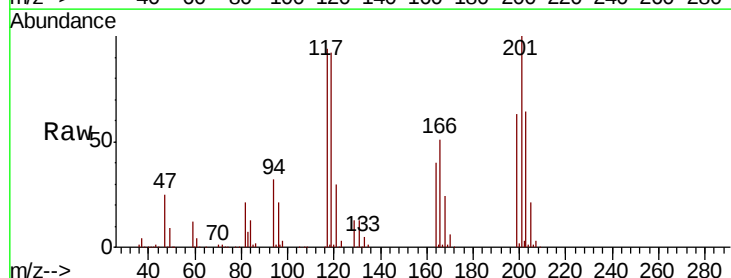
Tgt Ion:117 Resp: 154196

Ion Ratio Lower Upper

117 100

119 97.8 75.8 113.8

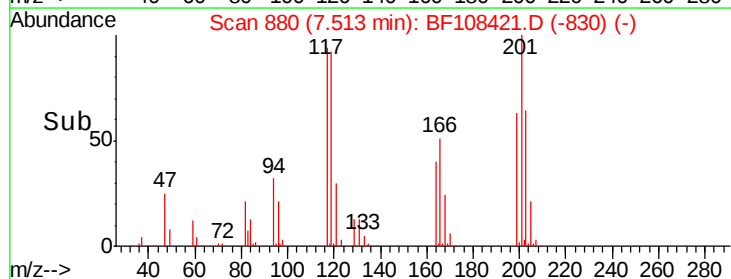
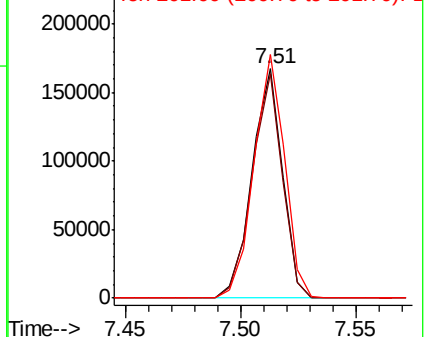
201 106.4 75.7 113.5

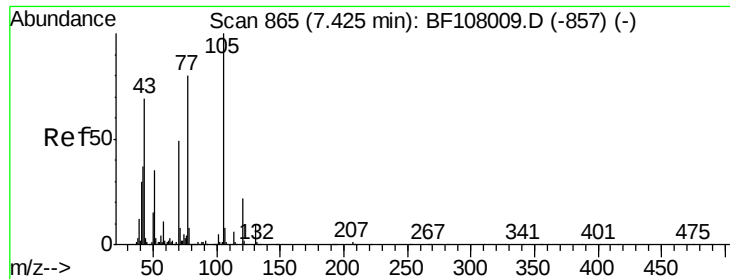


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

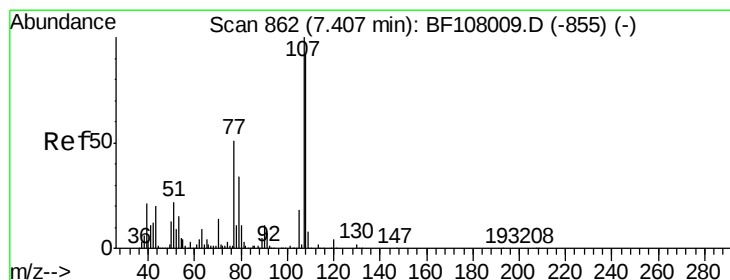
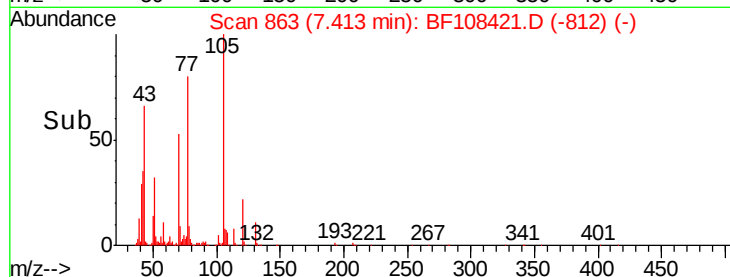
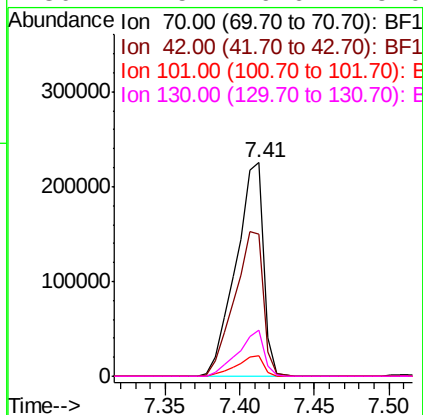
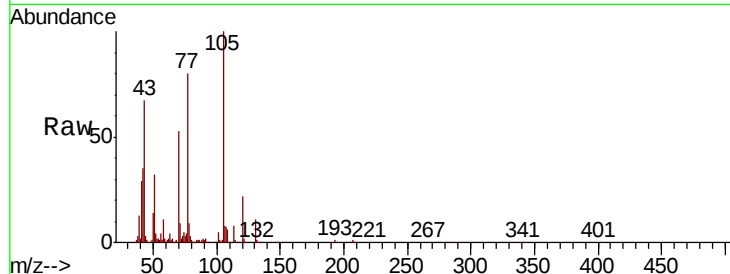




#19
n-Nitroso-di-n-propylamine
Concen: 40.789 ng
RT: 7.41 min Scan# 863
Delta R.T. -0.00 min
Lab File: BF108421.D
Acq: 23 Aug 2018 12:20

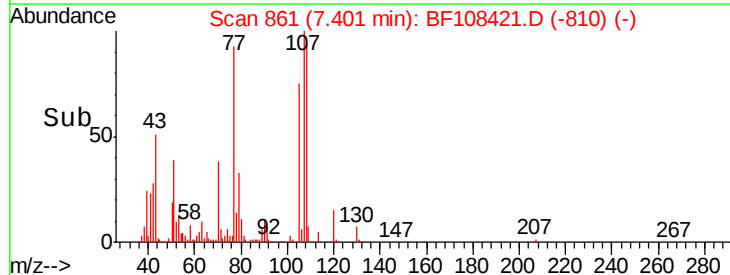
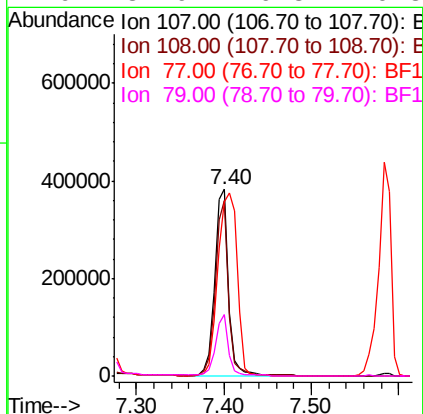
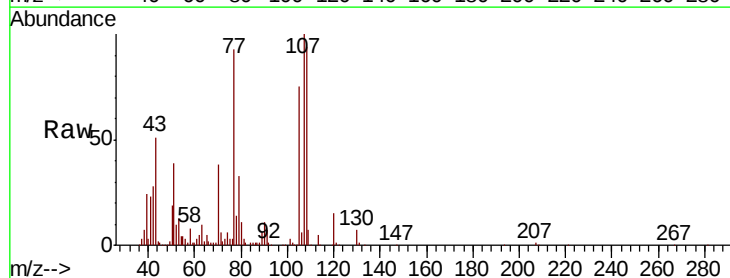
Instrument :
BNA_F
ClientSampleId :

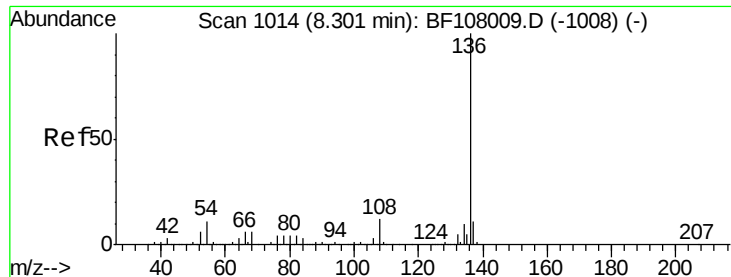
Tot Ion	Ratio	Lower	Upper
70	100		
42	66.3	47.5	71.3
101	9.8	7.4	11.2
130	21.5	16.6	25.0



#20
3+4-Methylphenols
Concen: 42.647 ng
RT: 7.40 min Scan# 861
Delta R.T. -0.00 min
Lab File: BF108421.D
Acq: 23 Aug 2018 12:20

Tgt Ion	Ratio	Lower	Upper
107	100		
108	94.0	68.2	108.2
77	93.5	26.7	66.7#
79	32.9	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.28 min Scan# 1011

Delta R.T. -0.01 min

Lab File: BF108421.D

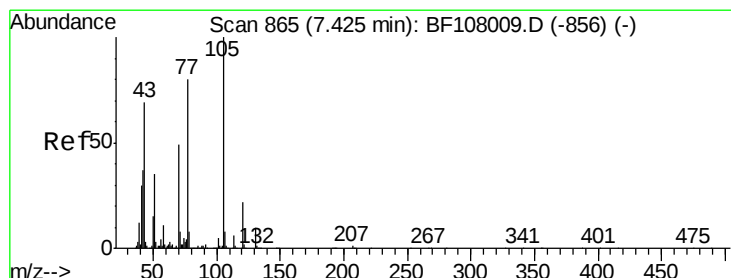
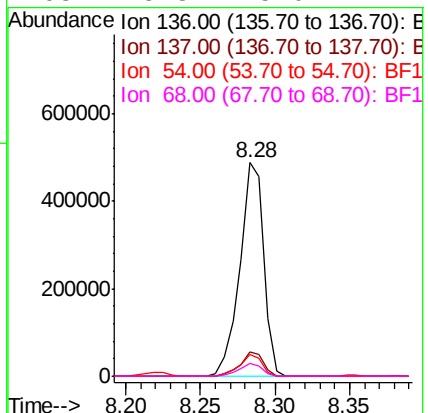
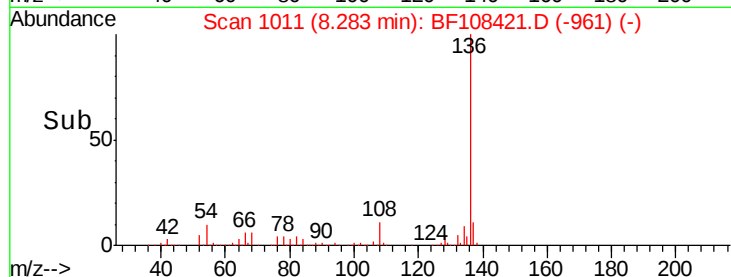
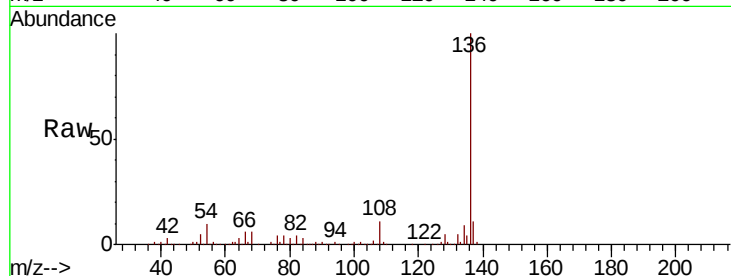
Acq: 23 Aug 2018 12:20

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136	Resp:	542672
Ion Ratio	Lower	Upper
136	100	
137	11.3	8.9 13.3
54	10.5	6.6 9.8#
68	5.8	5.0 7.4



#22

Acetophenone

Concen: 43.821 ng

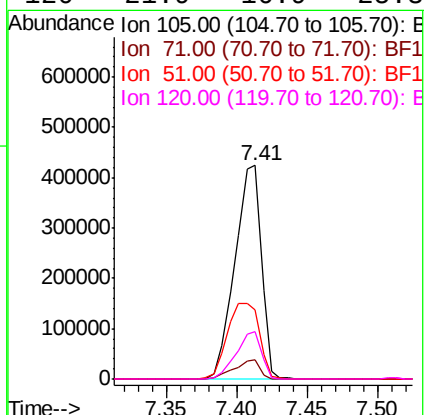
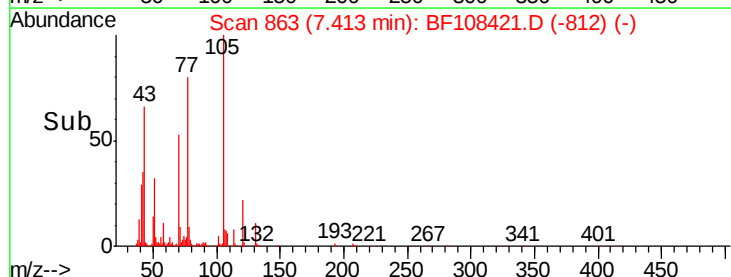
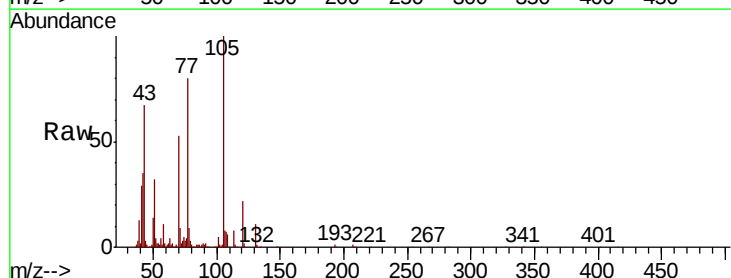
RT: 7.41 min Scan# 863

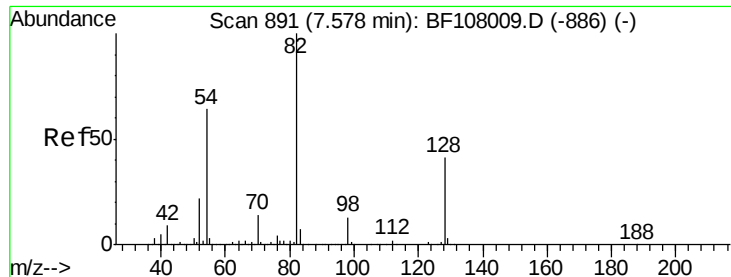
Delta R.T. -0.00 min

Lab File: BF108421.D

Acq: 23 Aug 2018 12:20

Tgt Ion:105	Resp:	556047
Ion Ratio	Lower	Upper
105	100	
71	9.0	4.4 6.6#
51	32.2	22.3 33.5
120	21.9	16.9 25.3

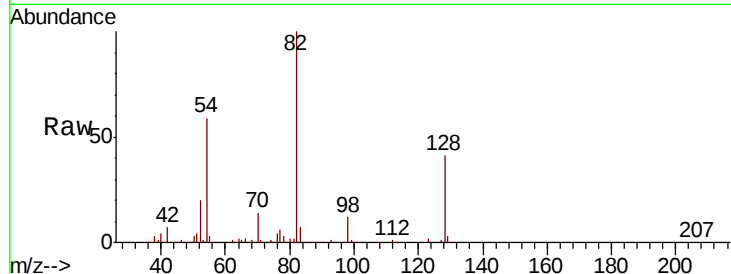




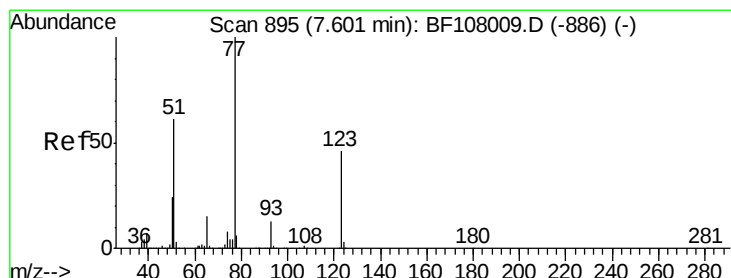
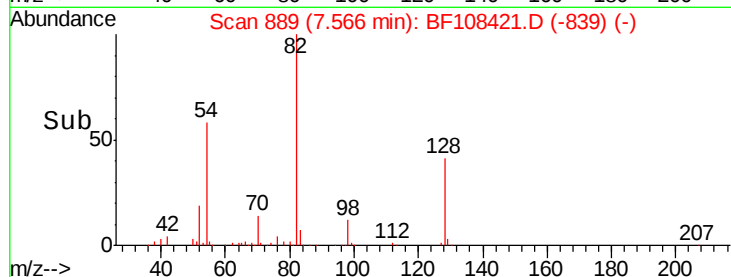
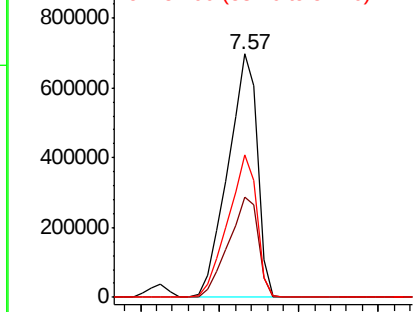
#23
Nitrobenzene-d5
Concen: 91.966 ng
RT: 7.57 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF108421.D
Acq: 23 Aug 2018 12:20

Instrument :
BNA_F
ClientSampled :

Tot Ion	82	Resp	894379
Ion Ratio	Lower	Upper	
82	100		
128	41.2	36.1	54.1
54	58.5	41.4	62.2

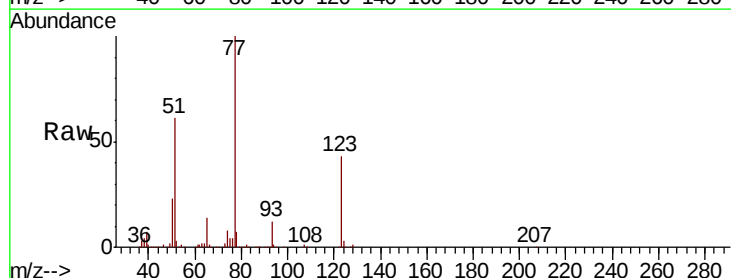


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

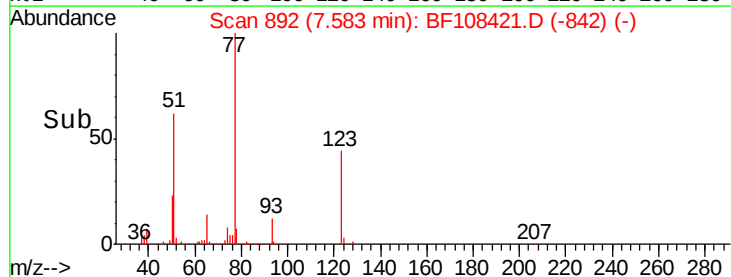
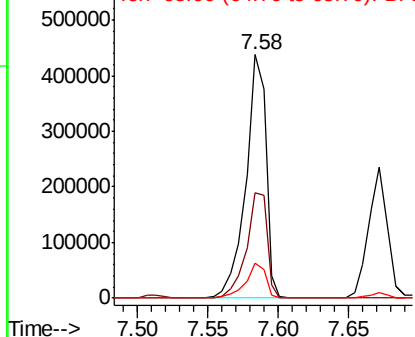


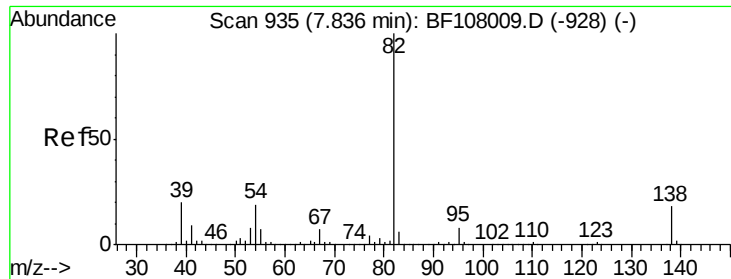
#24
Nitrobenzene
Concen: 44.514 ng
RT: 7.58 min Scan# 892
Delta R.T. -0.01 min
Lab File: BF108421.D
Acq: 23 Aug 2018 12:20

Tgt Ion	77	Resp	437755
Ion Ratio	Lower	Upper	
77	100		
123	43.4	37.9	56.9
65	14.4	11.0	16.4



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





#25

Isophorone

Concen: 43.745 ng

RT: 7.82 min Scan# 932

Delta R.T. -0.01 min

Lab File: BF108421.D

Acq: 23 Aug 2018 12:20

Instrument :

BNA_F

ClientSampleId :

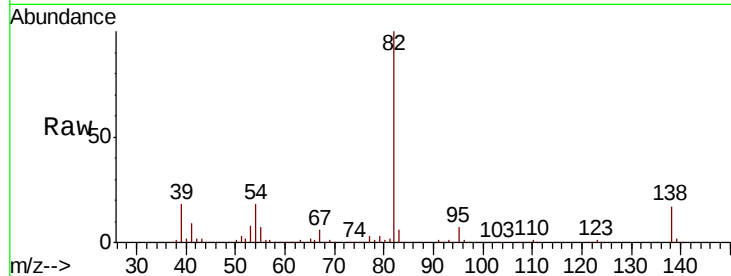
Tot Ion: 82 Resp: 810866

Ion Ratio Lower Upper

82 100

95 7.1 5.2 7.8

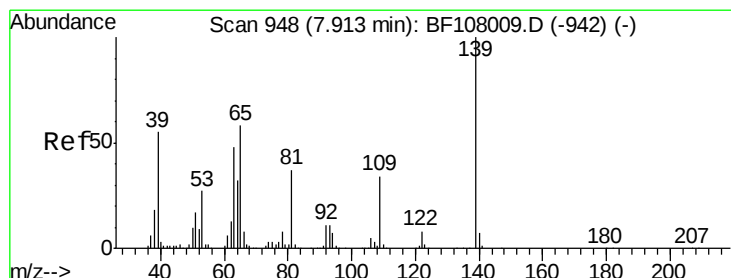
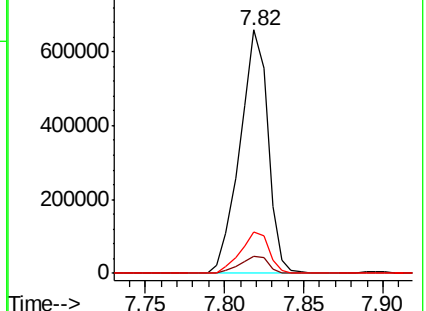
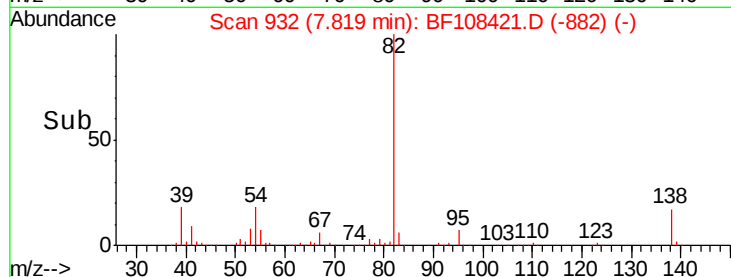
138 16.9 14.9 22.3



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: 53.084 ng

RT: 7.90 min Scan# 946

Delta R.T. -0.01 min

Lab File: BF108421.D

Acq: 23 Aug 2018 12:20

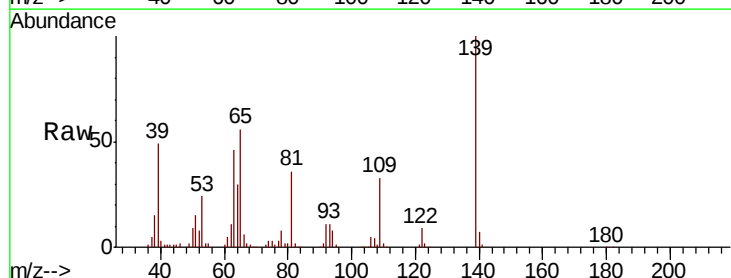
Tgt Ion: 139 Resp: 197146

Ion Ratio Lower Upper

139 100

109 32.9 22.7 34.1

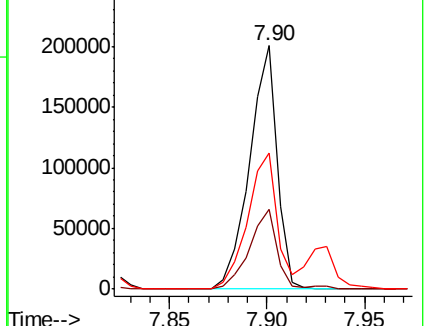
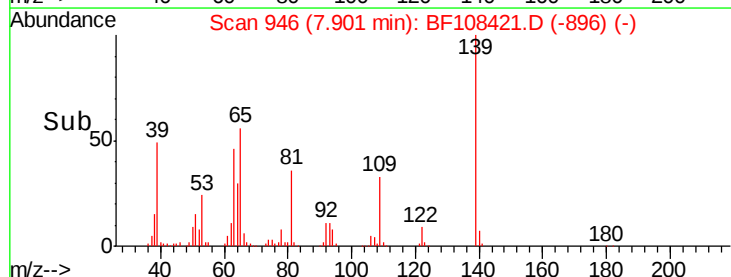
65 56.0 40.5 60.7

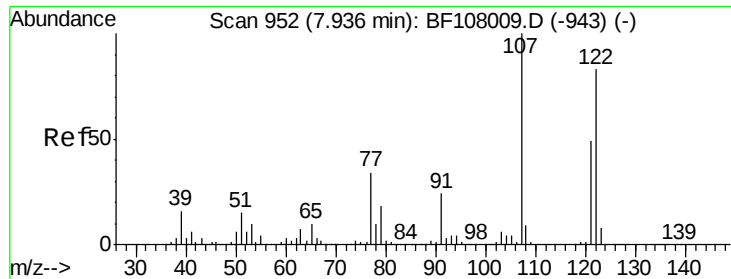


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

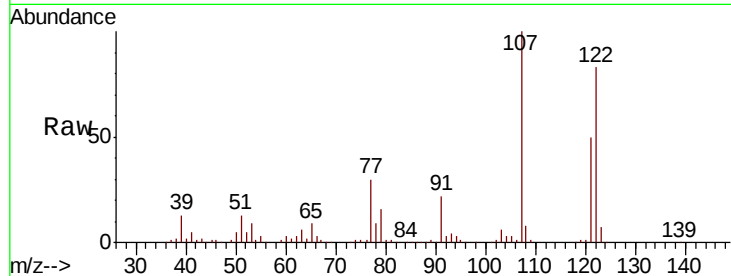




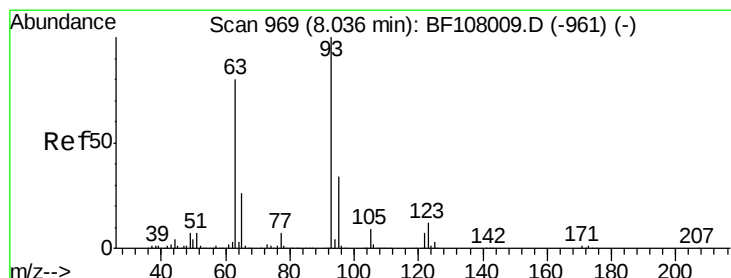
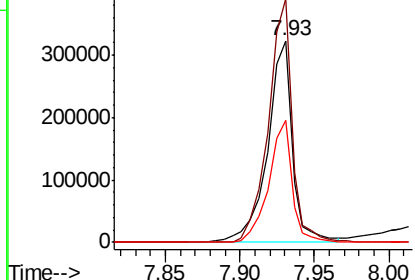
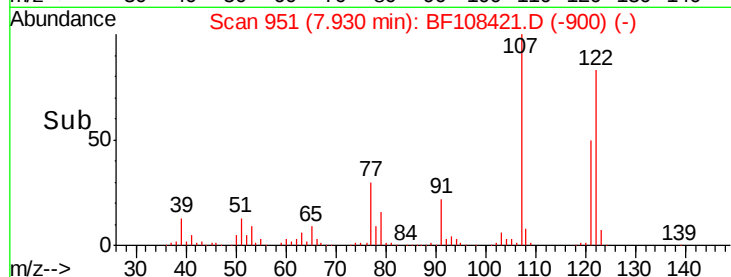
#27
2,4-Dimethylphenol
Concen: 45.473 ng
RT: 7.93 min Scan# 951
Delta R.T. -0.00 min
Lab File: BF108421.D
Acq: 23 Aug 2018 12:20

Instrument :
BNA_F
ClientSampled :

Tot Ion:122 Resp: 374105
Ion Ratio Lower Upper
122 100
107 120.5 91.2 136.8
121 60.1 47.2 70.8

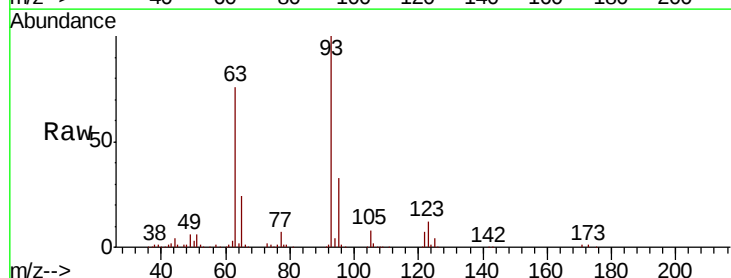


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

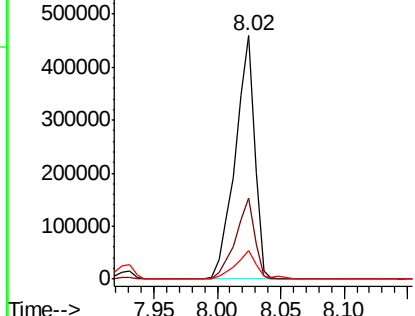
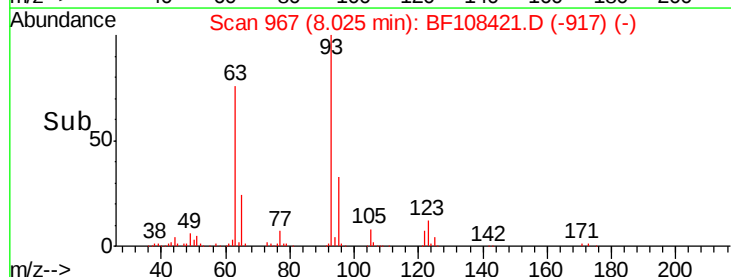


#28
bis(2-Chloroethoxy)methane
Concen: 44.763 ng
RT: 8.02 min Scan# 967
Delta R.T. -0.01 min
Lab File: BF108421.D
Acq: 23 Aug 2018 12:20

Tgt Ion: 93 Resp: 484387
Ion Ratio Lower Upper
93 100
95 33.1 26.3 39.5
123 11.8 9.8 14.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): E

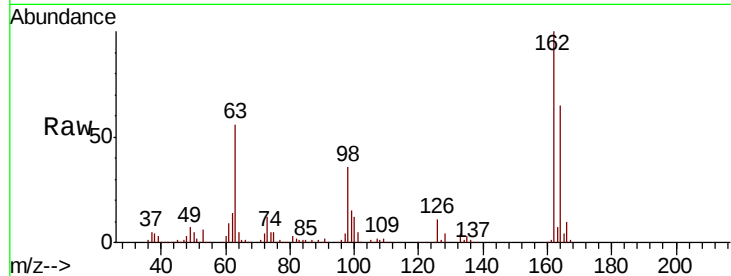




#29
2,4-Dichlorophenol
Concen: 46.827 ng
RT: 8.14 min Scan# 987
Delta R.T. -0.00 min
Lab File: BF108421.D
Acq: 23 Aug 2018 12:20

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.0	42.7	82.7
98	36.0	18.1	58.1

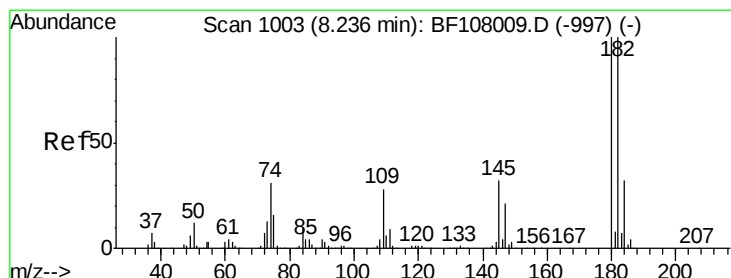
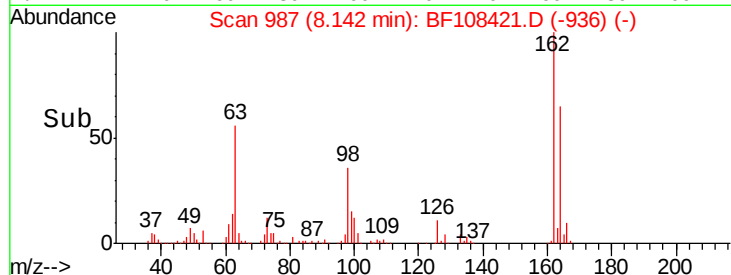
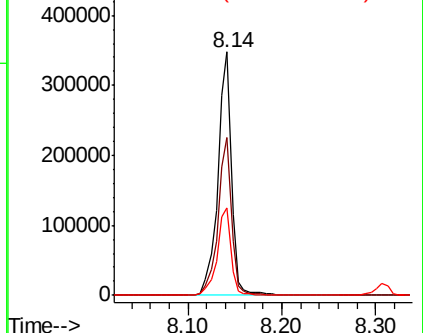


Abundance

Ion 162.00 (161.70 to 162.70): E

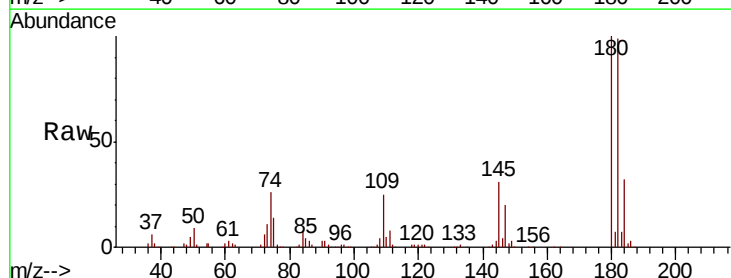
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 44.472 ng
RT: 8.22 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF108421.D
Acq: 23 Aug 2018 12:20

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.6	76.8	115.2
145	31.2	26.5	39.7

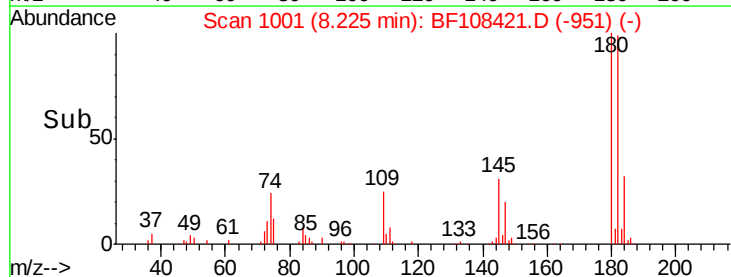
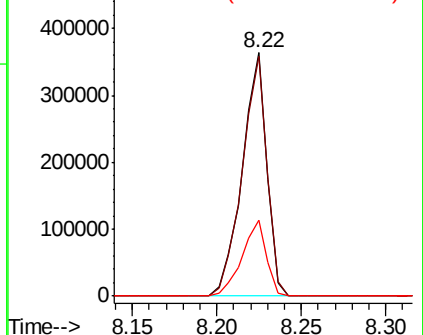


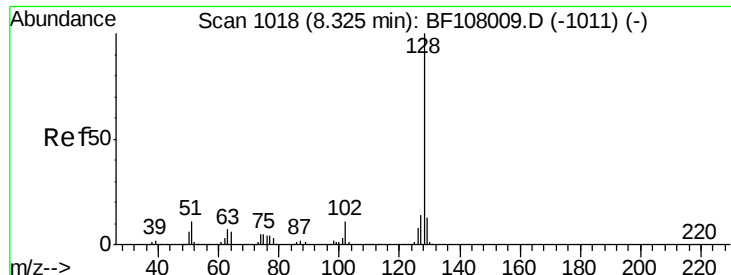
Abundance

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

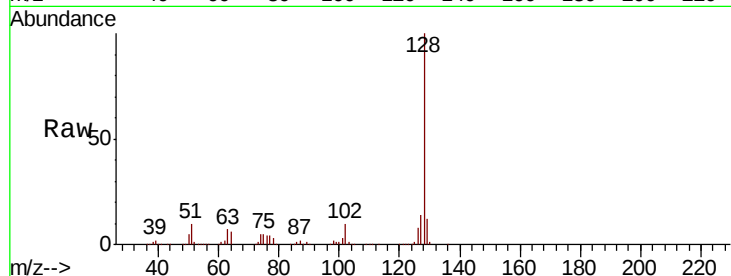




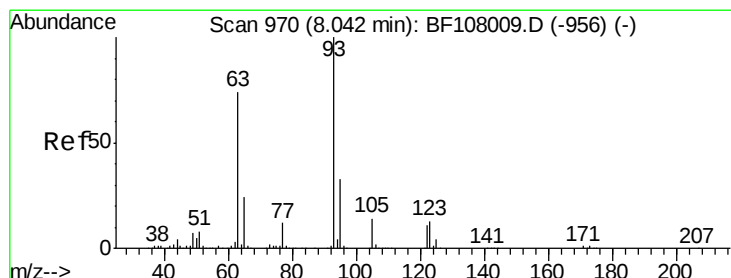
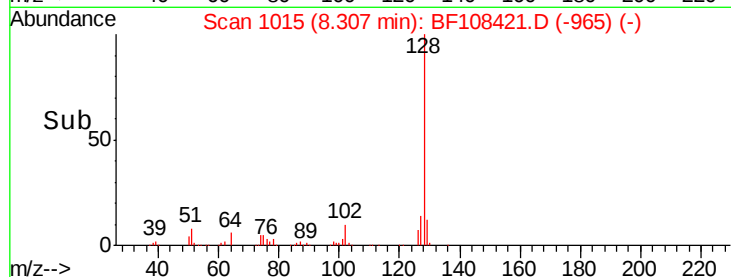
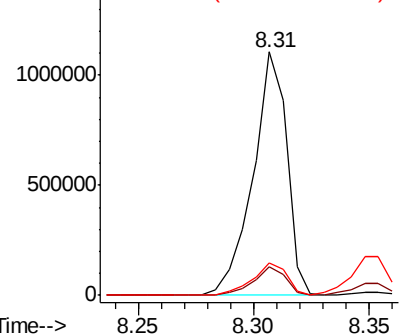
#31
Naphthalene
Concen: 45.513 ng
RT: 8.31 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF108421.D
Acq: 23 Aug 2018 12:20

Instrument :
BNA_F
ClientSampled :

Tot Ion:128 Resp: 1123253
Ion Ratio Lower Upper
128 100
129 11.7 8.8 13.2
127 13.5 10.9 16.3

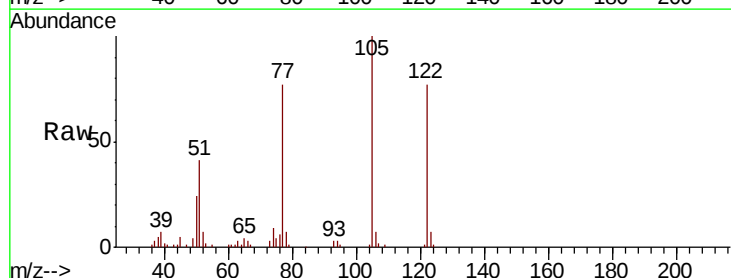


Abundance Ion 128.00 (127.70 to 128.70): E
1500000
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

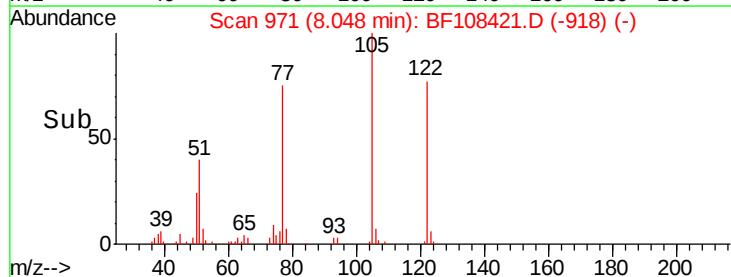
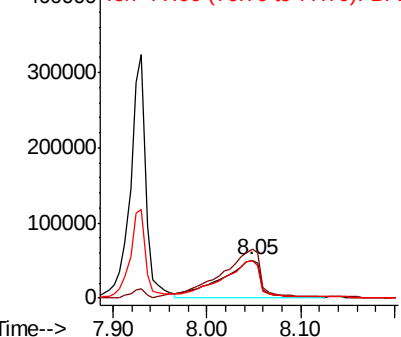


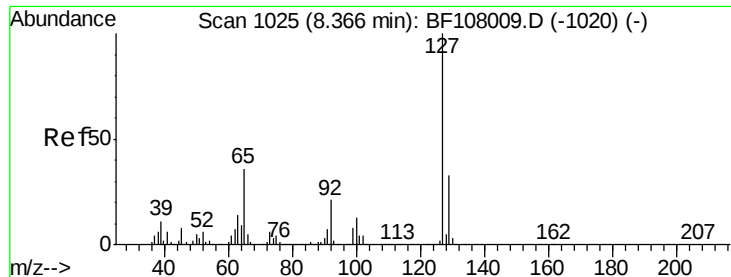
#32
Benzoic acid
Concen: 33.011 ng
RT: 8.05 min Scan# 971
Delta R.T. 0.01 min
Lab File: BF108421.D
Acq: 23 Aug 2018 12:20

Tgt Ion:122 Resp: 147423
Ion Ratio Lower Upper
122 100
105 129.7 101.1 141.1
77 99.7 70.7 110.7



Abundance Ion 122.00 (121.70 to 122.70): E
400000
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

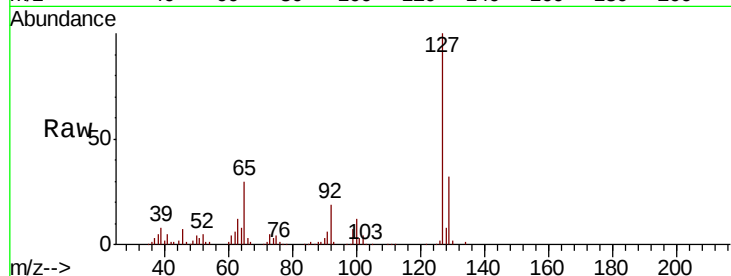




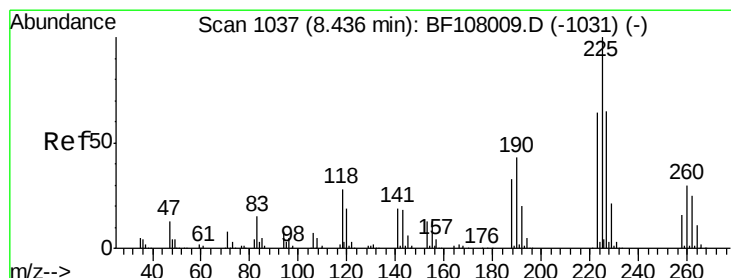
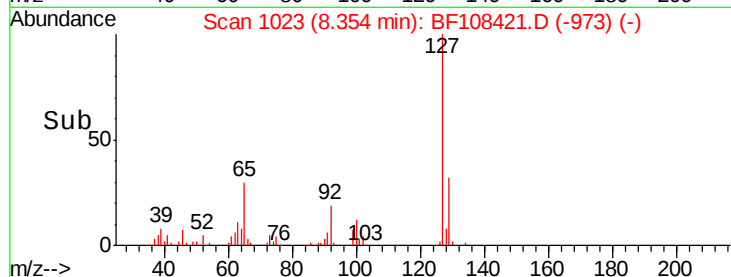
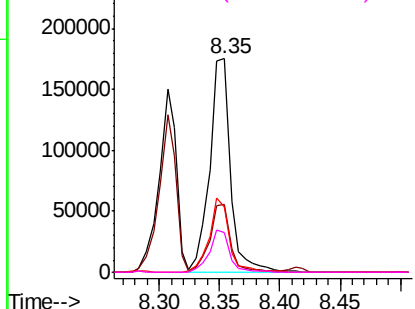
#33
4-Chloroaniline
Concen: 19.389 ng
RT: 8.35 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF108421.D
Acq: 23 Aug 2018 12:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	208529
Ion	Ratio	Lower	Upper
127	100		
129	31.6	25.9	38.9
65	30.5	25.0	37.4
92	18.8	15.2	22.8

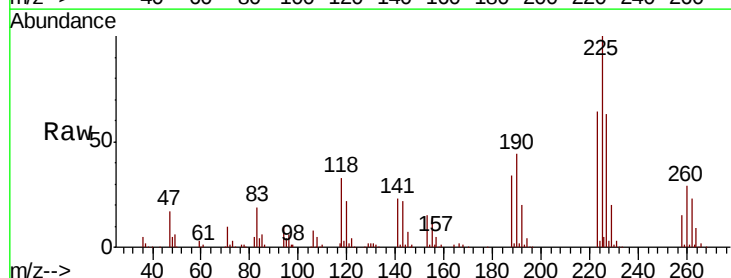


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

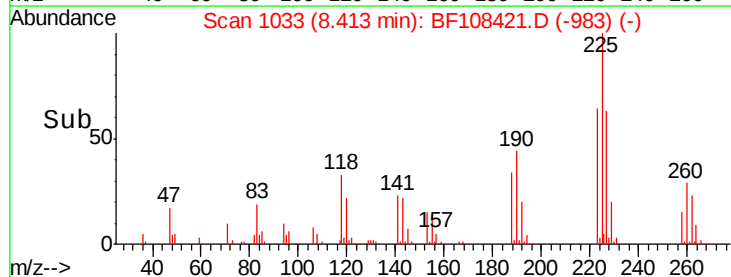
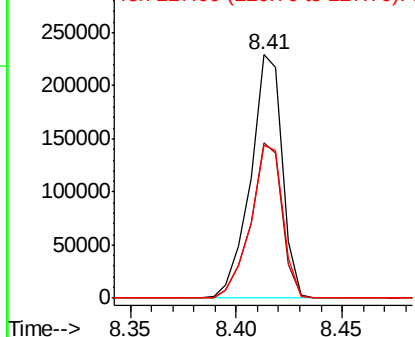


#34
Hexachlorobutadiene
Concen: 45.316 ng
RT: 8.41 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF108421.D
Acq: 23 Aug 2018 12:20

Tgt Ion:	225	Resp:	239462
Ion	Ratio	Lower	Upper
225	100		
223	63.9	50.6	76.0
227	62.7	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

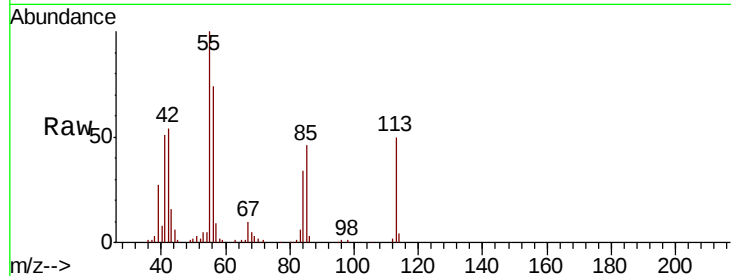




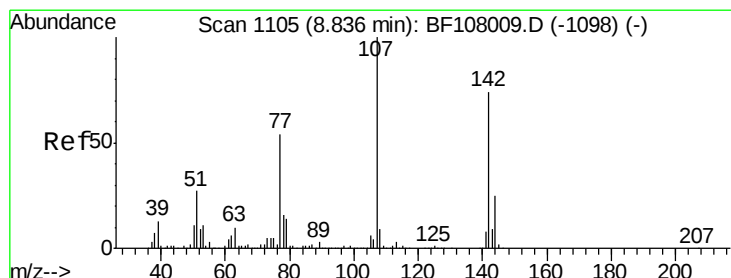
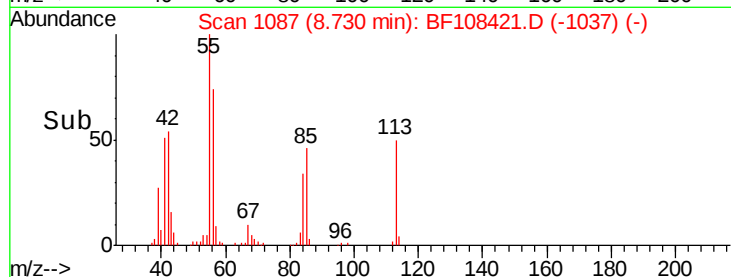
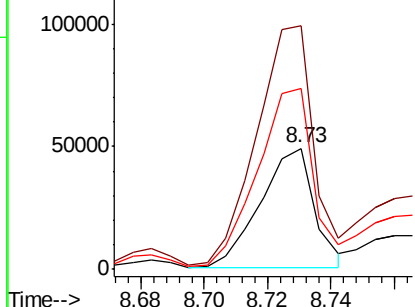
#35
 Caprolactam
 Concen: 24.168 ng
 RT: 8.73 min Scan# 1087
 Delta R.T. -0.01 min
 Lab File: BF108421.D
 Acq: 23 Aug 2018 12:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 57340
 Ion Ratio Lower Upper
 113 100
 55 201.6 163.3 203.3
 56 149.4 115.7 155.7

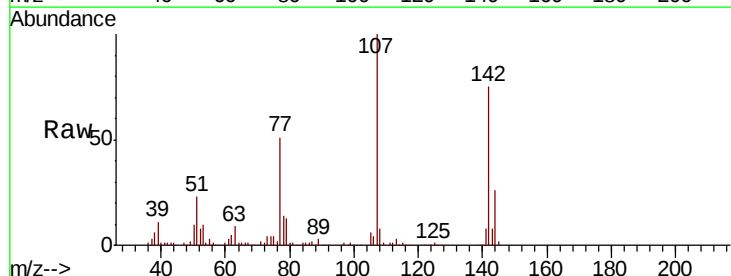


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

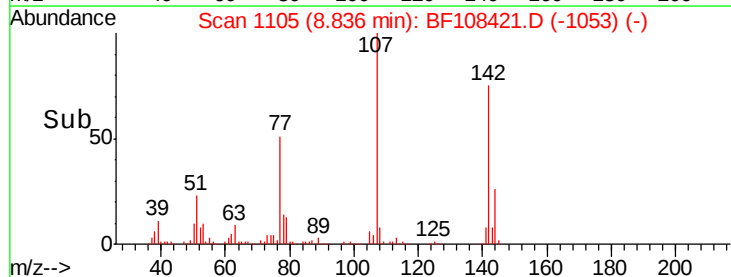
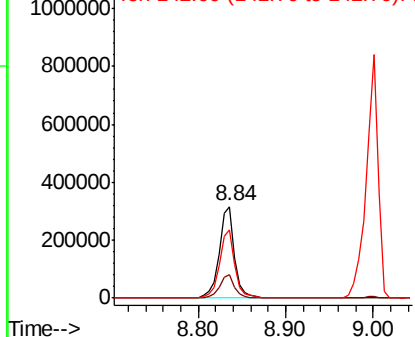


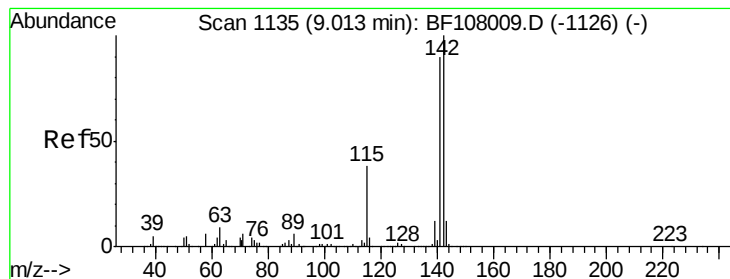
#36
 4-Chloro-3-methylphenol
 Concen: 46.826 ng
 RT: 8.84 min Scan# 1105
 Delta R.T. 0.01 min
 Lab File: BF108421.D
 Acq: 23 Aug 2018 12:20

Tgt Ion:107 Resp: 382448
 Ion Ratio Lower Upper
 107 100
 144 26.2 20.5 30.7
 142 75.0 62.0 93.0



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





#37

2-Methylnaphthalene

Concen: 45.625 ng

RT: 9.00 min Scan# 1133

Delta R.T. -0.01 min

Lab File: BF108421.D

Acq: 23 Aug 2018 12:20

Instrument :

BNA_F

ClientSampled :

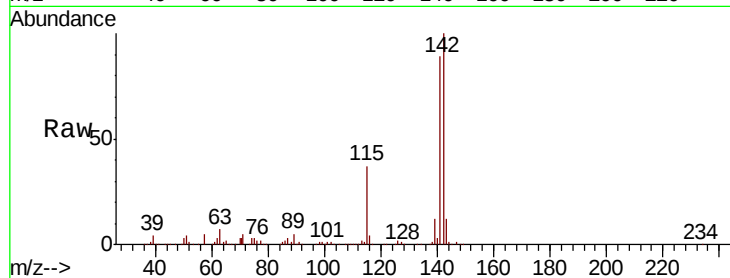
Tot Ion:142 Resp: 796670

Ion Ratio Lower Upper

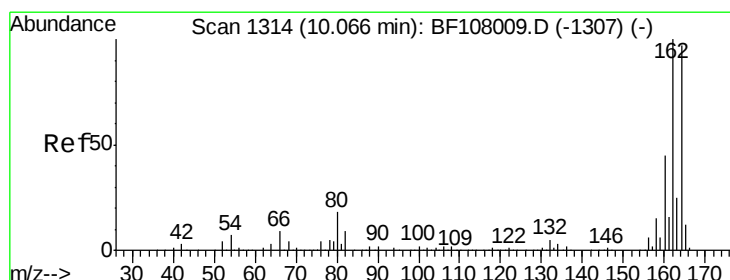
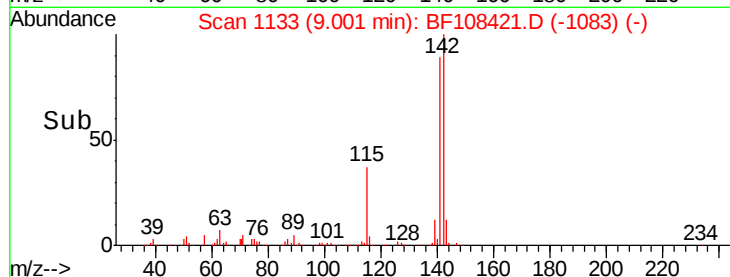
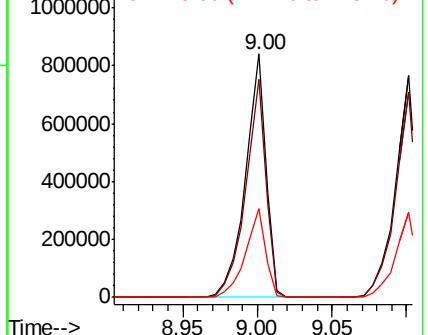
142 100

141 89.5 70.8 106.2

115 36.6 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: 10.05 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BF108421.D

Acq: 23 Aug 2018 12:20

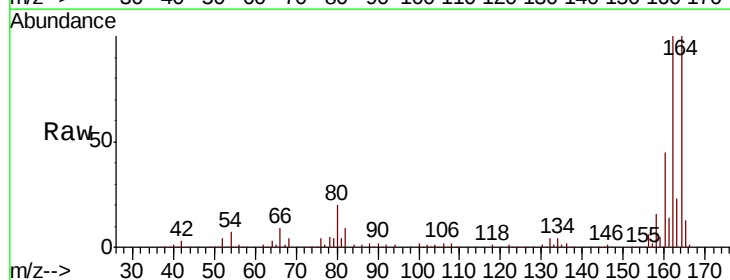
Tgt Ion:164 Resp: 284886

Ion Ratio Lower Upper

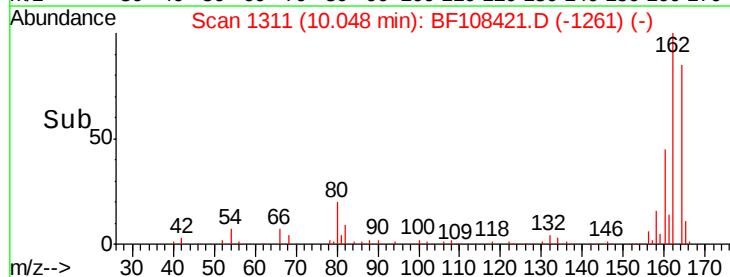
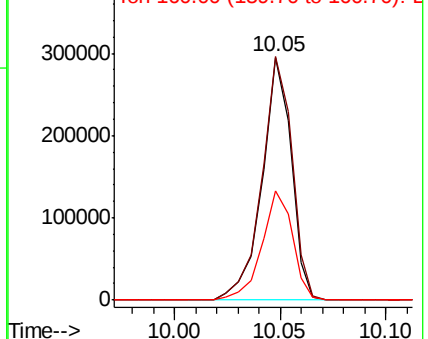
164 100

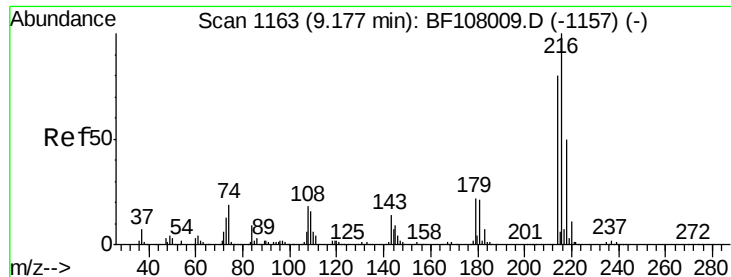
162 100.2 86.1 129.1

160 44.8 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: 45.796 ng

RT: 9.17 min Scan# 1161

Delta R.T. -0.01 min

Lab File: BF108421.D

Acq: 23 Aug 2018 12:20

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 400648

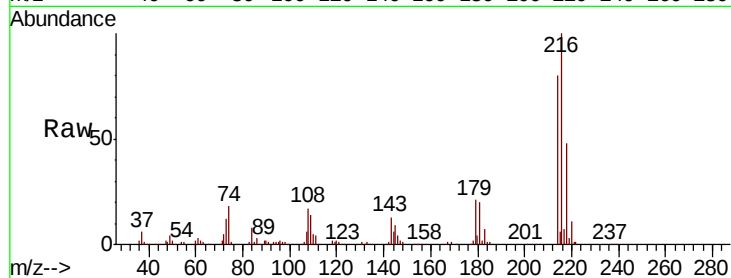
Ion Ratio Lower Upper

216 100

214 78.8 63.0 94.4

179 20.4 18.1 27.1

108 19.8 17.2 25.8

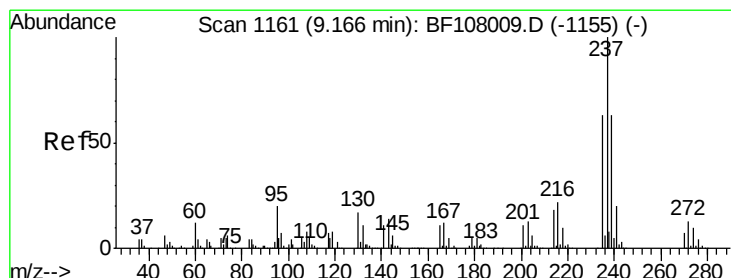
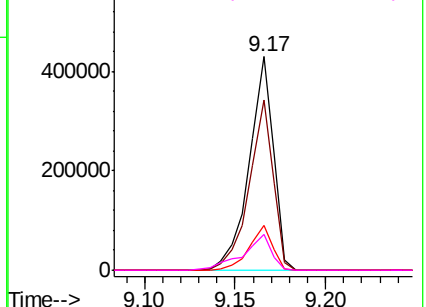
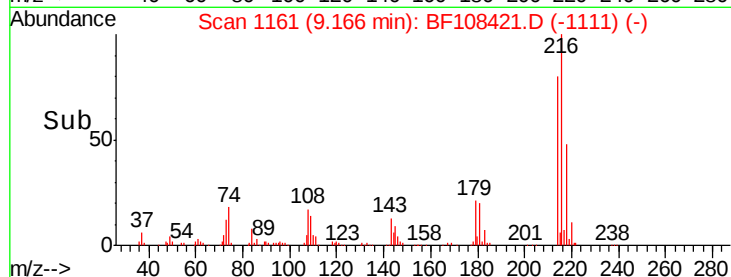


Abundance Ion 216.00 (215.70 to 216.70): E

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: 72.006 ng

RT: 9.15 min Scan# 1158

Delta R.T. -0.00 min

Lab File: BF108421.D

Acq: 23 Aug 2018 12:20

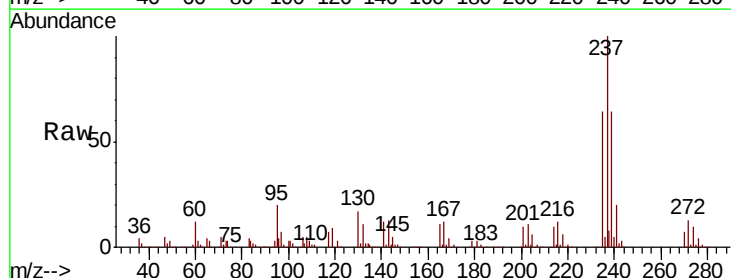
Tgt Ion:237 Resp: 406891

Ion Ratio Lower Upper

237 100

235 64.2 44.8 84.8

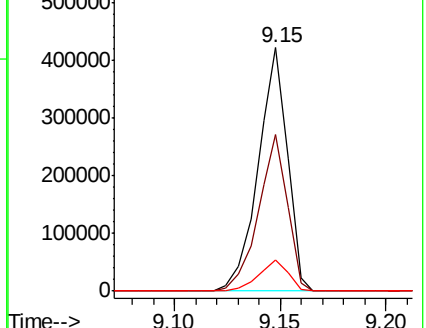
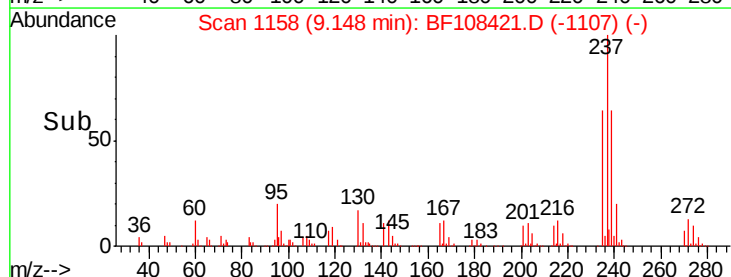
272 13.0 0.0 33.3

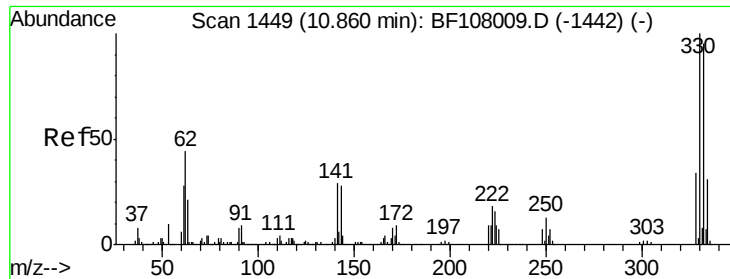


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

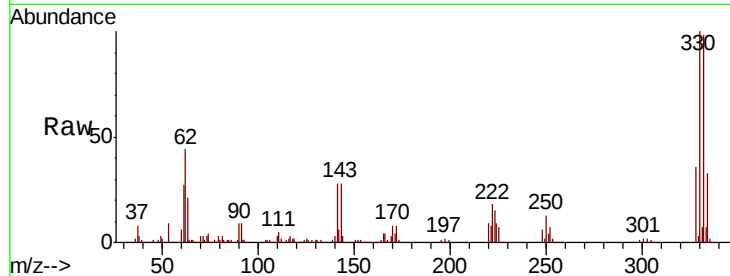




#41
 2,4,6-Tribromophenol
 Concen: 148.188 ng
 RT: 10.85 min Scan# 1447
 Delta R.T. -0.00 min
 Lab File: BF108421.D
 Acq: 23 Aug 2018 12:20

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	31.5	29.9	44.9

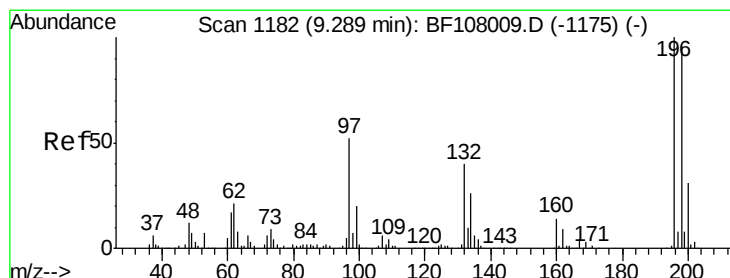
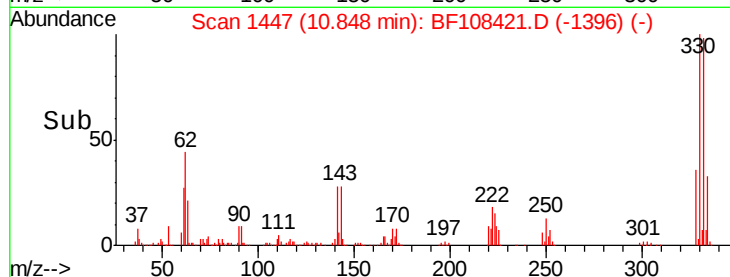
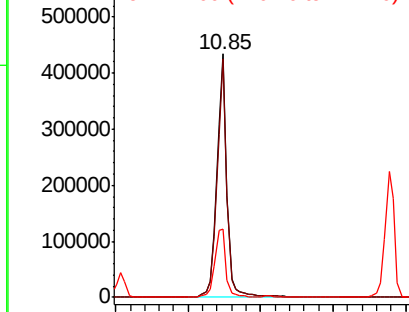


Abundance

Ion 329.80 (329.50 to 330.50): E

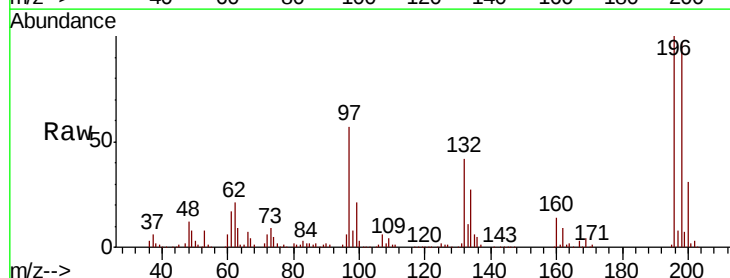
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 48.341 ng
 RT: 9.28 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: BF108421.D
 Acq: 23 Aug 2018 12:20

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.3	75.7	113.5
200	30.9	24.5	36.7

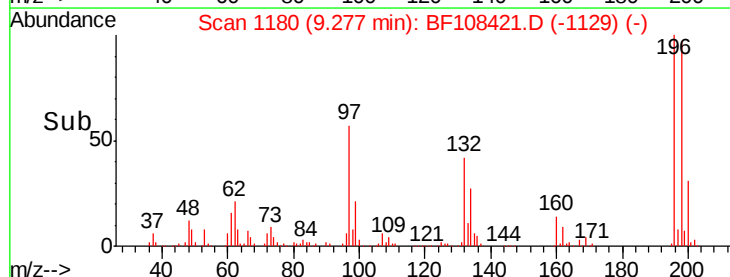
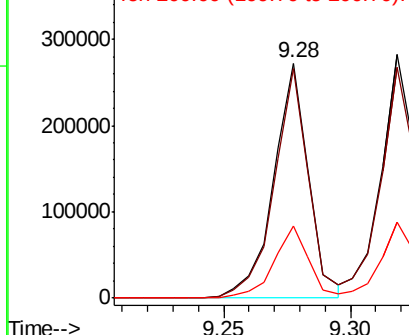


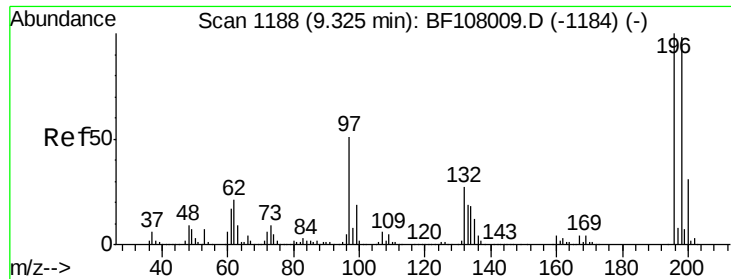
Abundance

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

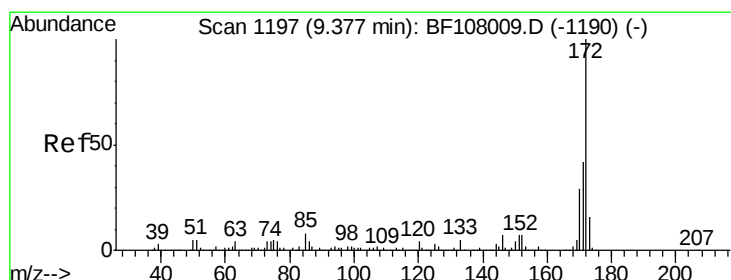
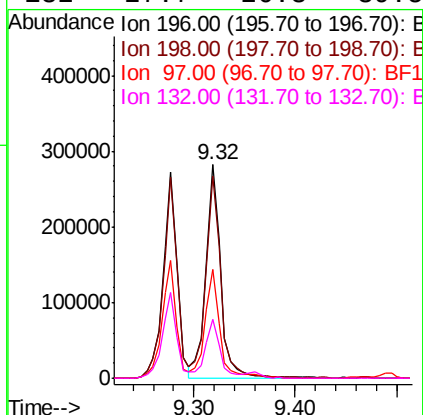
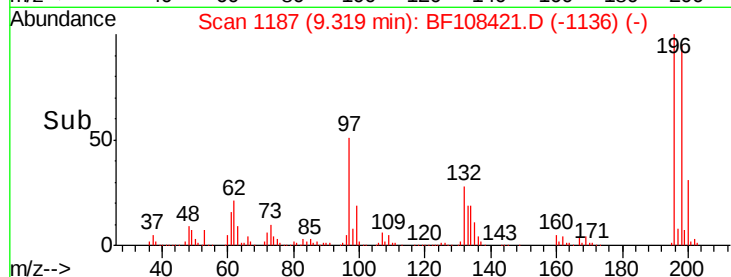
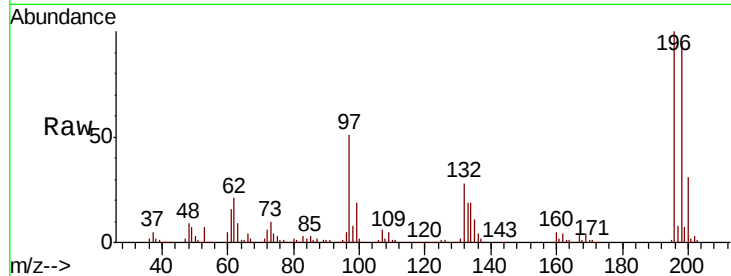




#43
 2,4,5-Trichlorophenol
 Concen: 47.890 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.00 min
 Lab File: BF108421.D
 Acq: 23 Aug 2018 12:20

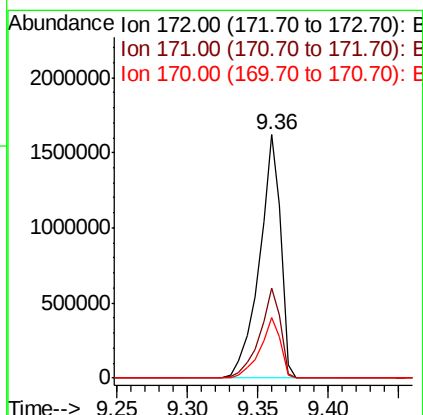
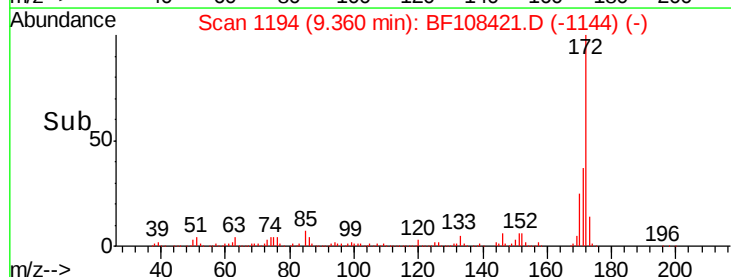
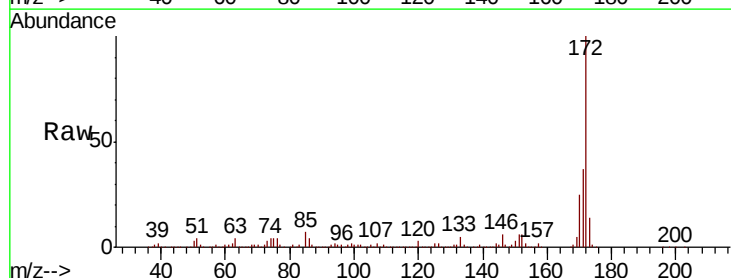
Instrument :
 BNA_F
 ClientSampled :

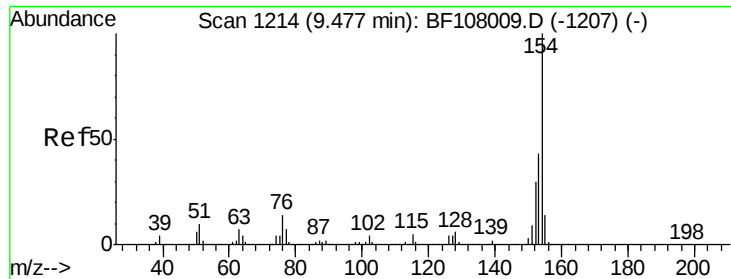
Tot Ion	Ratio	Lower	Upper
196	100		
198	94.7	74.6	112.0
97	51.2	42.9	64.3
132	27.7	26.3	39.5



#44
 2-Fluorobiphenyl
 Concen: 96.830 ng
 RT: 9.36 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF108421.D
 Acq: 23 Aug 2018 12:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.7	44.5
170	24.9	19.6	29.4

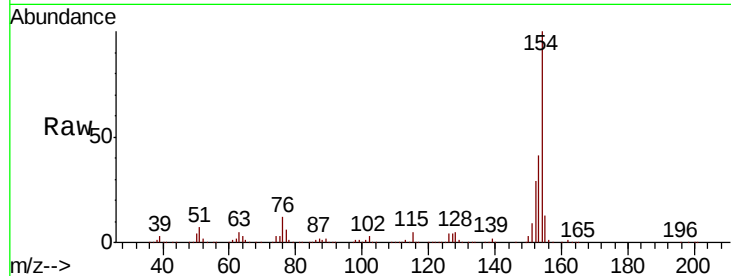




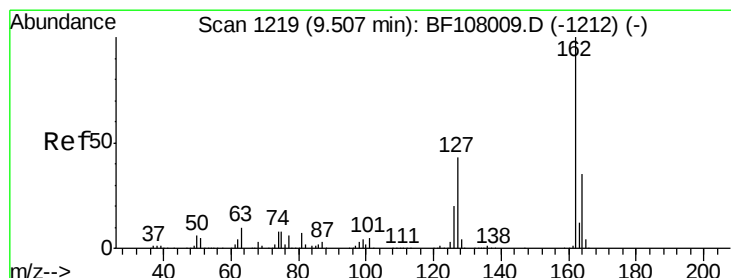
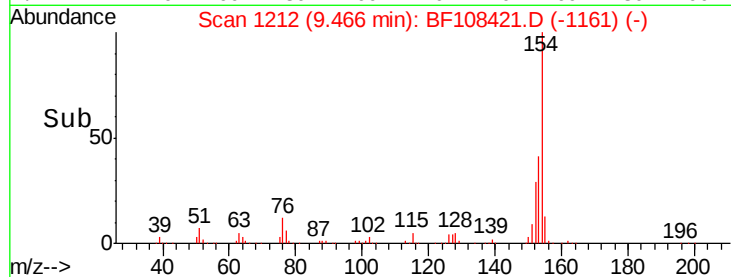
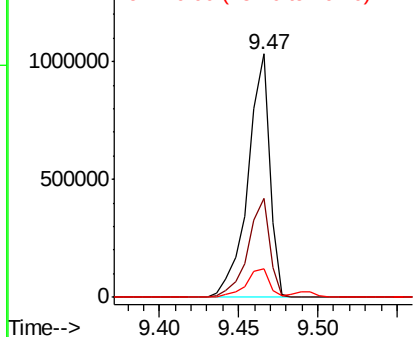
#45
 1,1'-Biphenyl
 Concen: 46.752 ng
 RT: 9.47 min Scan# 1212
 Delta R.T. -0.00 min
 Lab File: BF108421.D
 Acq: 23 Aug 2018 12:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.6	21.3	61.3
76	11.8	0.0	34.0

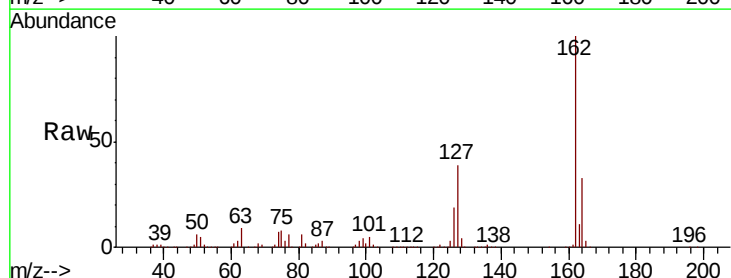


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

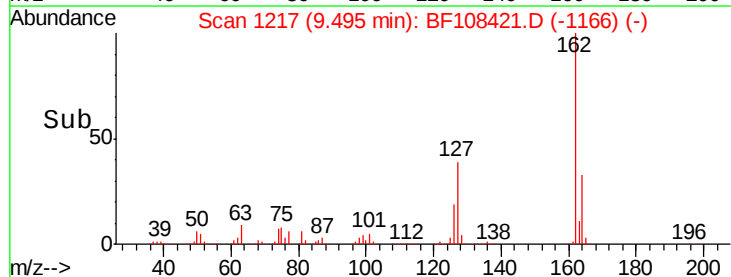
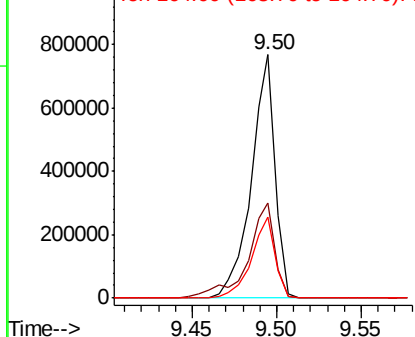


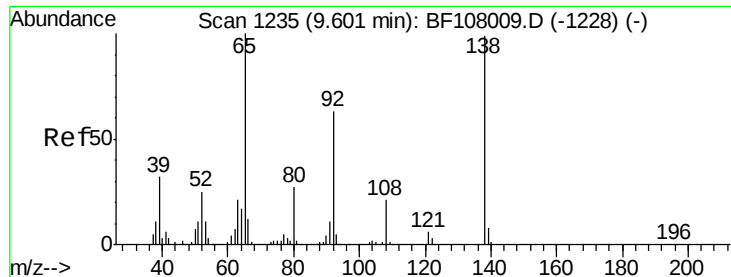
#46
 2-Chloronaphthalene
 Concen: 45.469 ng
 RT: 9.50 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: BF108421.D
 Acq: 23 Aug 2018 12:20

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.3	33.9	50.9
164	33.3	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

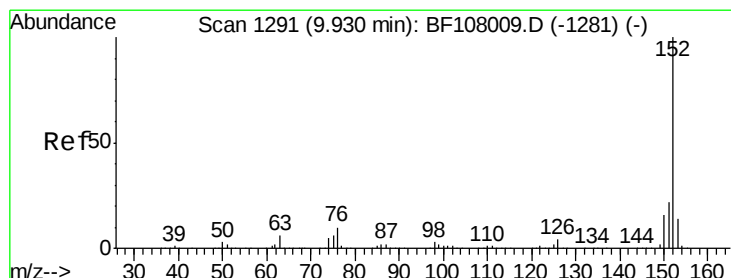
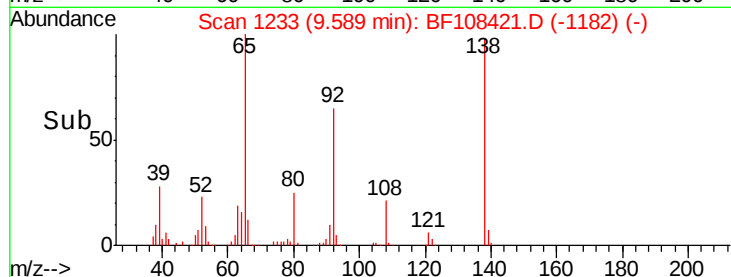
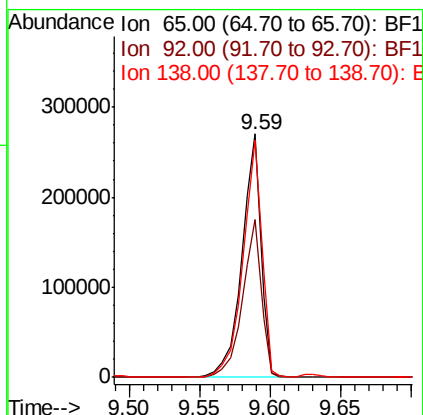
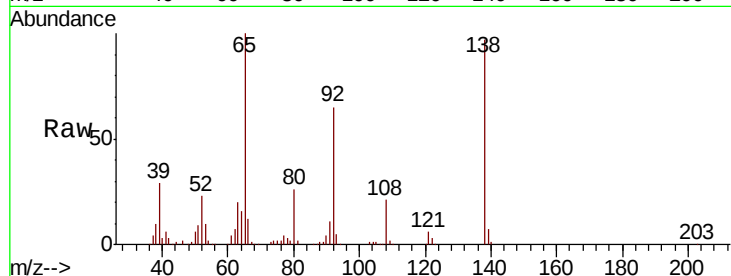




#47
2-Nitroaniline
Concen: 47.263 ng
RT: 9.59 min Scan# 1233
Delta R.T. -0.00 min
Lab File: BF108421.D
Acq: 23 Aug 2018 12:20

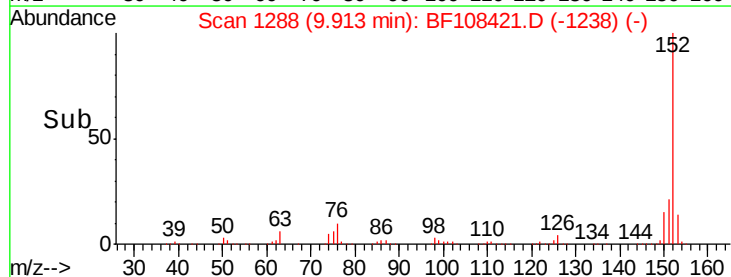
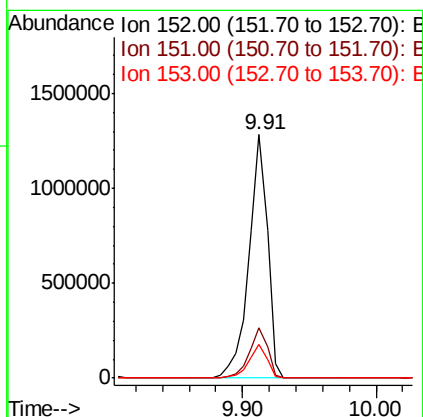
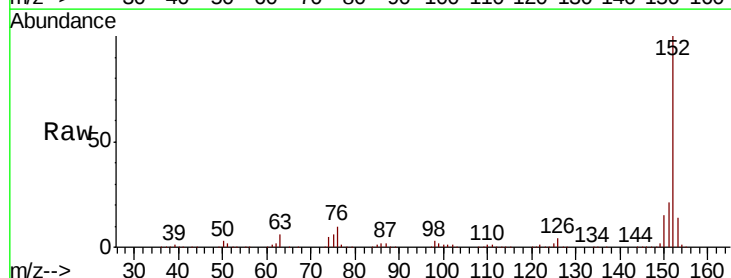
Instrument :
BNA_F
ClientSampled :

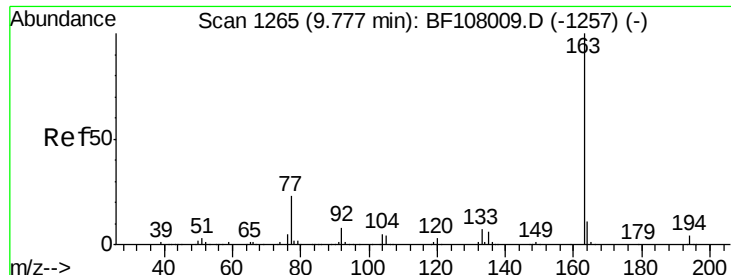
Tot Ion: 65 Resp: 253874
Ion Ratio Lower Upper
65 100
92 64.9 55.8 83.6
138 97.3 91.2 136.8



#48
Acenaphthylene
Concen: 46.270 ng
RT: 9.91 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BF108421.D
Acq: 23 Aug 2018 12:20

Tgt Ion: 152 Resp: 1214366
Ion Ratio Lower Upper
152 100
151 20.8 16.3 24.5
153 13.7 10.7 16.1

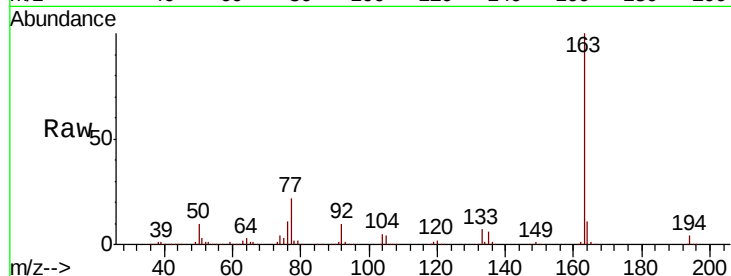




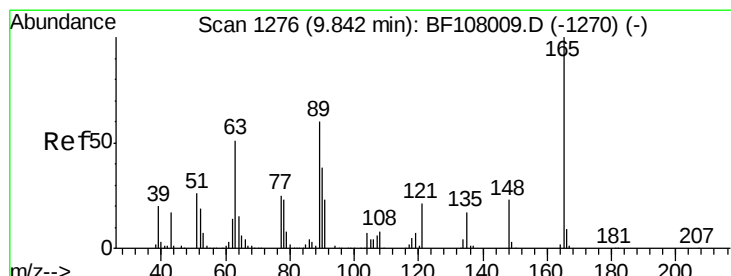
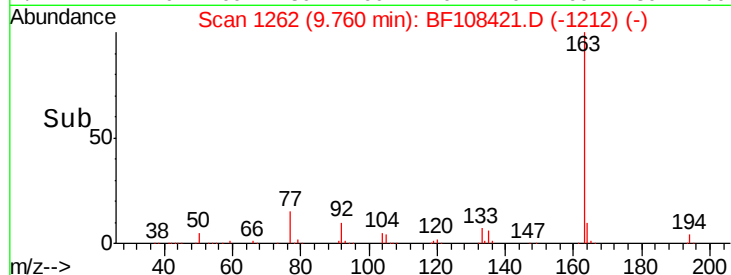
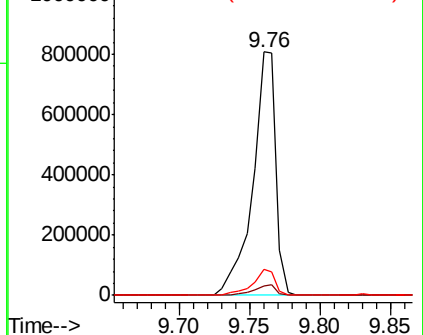
#49
Dimethylphthalate
Concen: 46.850 ng
RT: 9.76 min Scan# 1262
Delta R.T. -0.01 min
Lab File: BF108421.D
Acq: 23 Aug 2018 12:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 929712
Ion Ratio Lower Upper
163 100
194 4.0 2.7 4.1
164 10.6 8.2 12.2

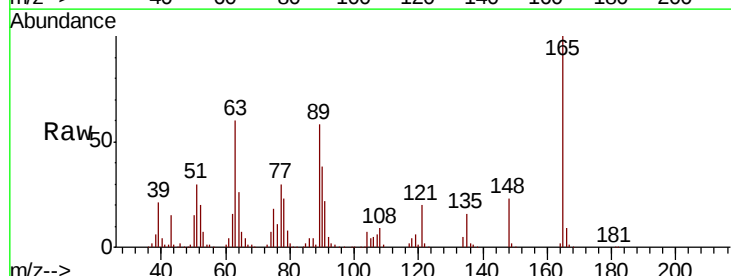


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

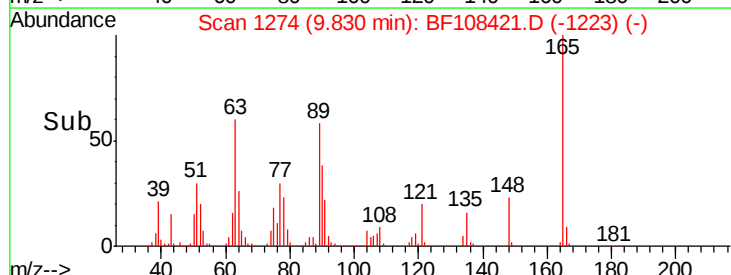
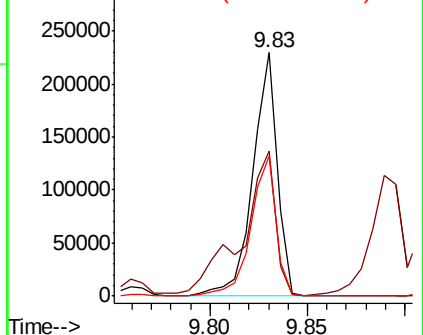


#50
2,6-Dinitrotoluene
Concen: 47.894 ng
RT: 9.83 min Scan# 1274
Delta R.T. -0.00 min
Lab File: BF108421.D
Acq: 23 Aug 2018 12:20

Tgt Ion:165 Resp: 198849
Ion Ratio Lower Upper
165 100
63 59.7 44.7 67.1
89 57.6 44.0 66.0



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





#51

Acenaphthene

Concen: 44.264 ng

RT: 10.08 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF108421.D

Acq: 23 Aug 2018 12:20

Instrument :

BNA_F

ClientSampleId :

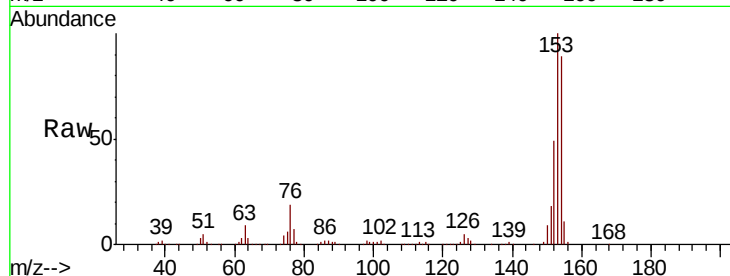
Tot Ion:154 Resp: 711547

Ion Ratio Lower Upper

154 100

153 112.4 91.2 136.8

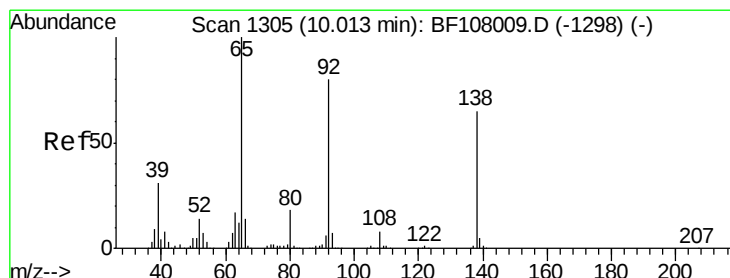
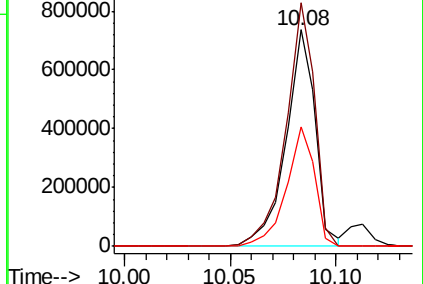
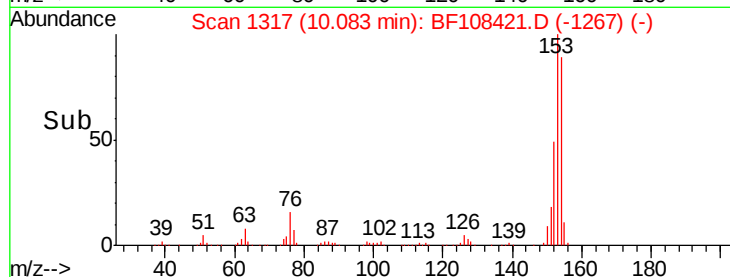
152 55.3 43.8 65.8



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: 27.917 ng

RT: 10.00 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF108421.D

Acq: 23 Aug 2018 12:20

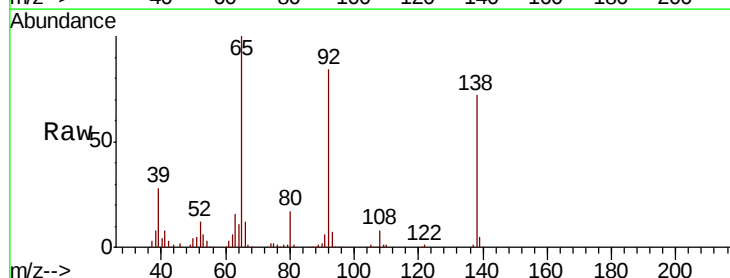
Tgt Ion:138 Resp: 126816

Ion Ratio Lower Upper

138 100

108 10.8 9.4 14.0

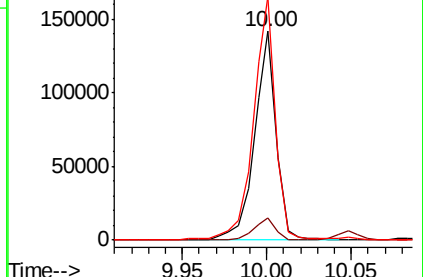
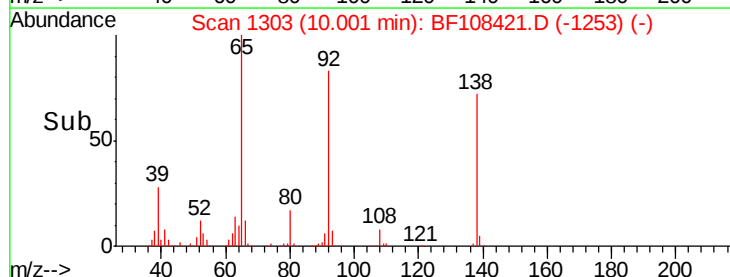
92 116.7 89.4 134.2

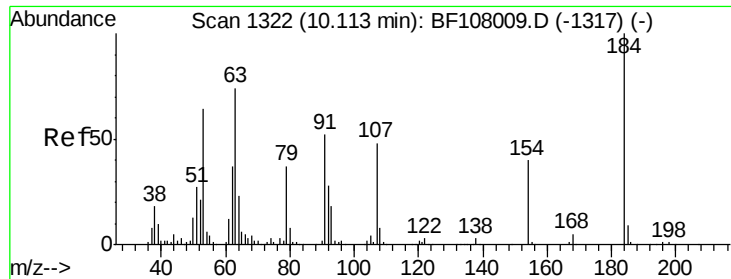


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

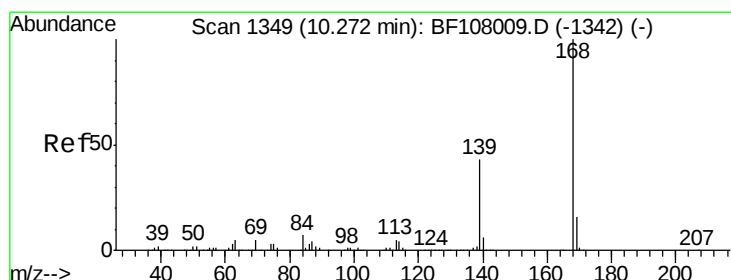
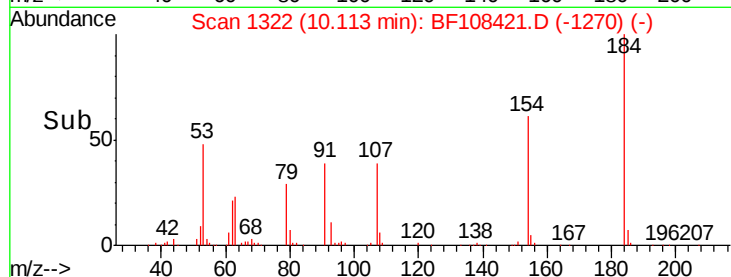
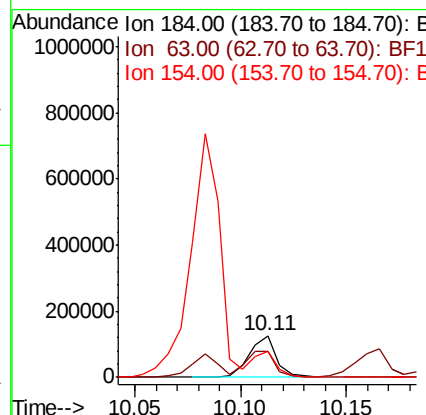
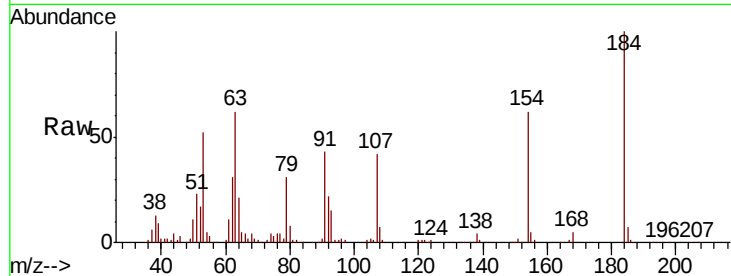




#53
 2,4-Dinitrophenol
 Concen: 73.753 ng
 RT: 10.11 min Scan# 1322
 Delta R.T. 0.01 min
 Lab File: BF108421.D
 Acq: 23 Aug 2018 12:20

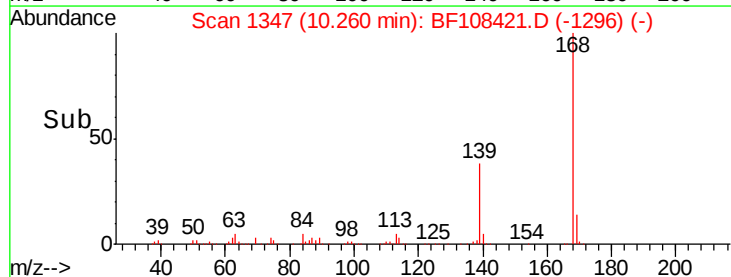
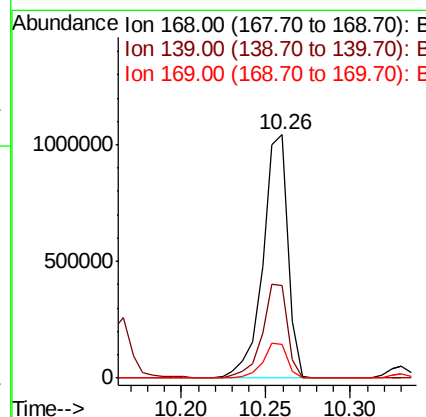
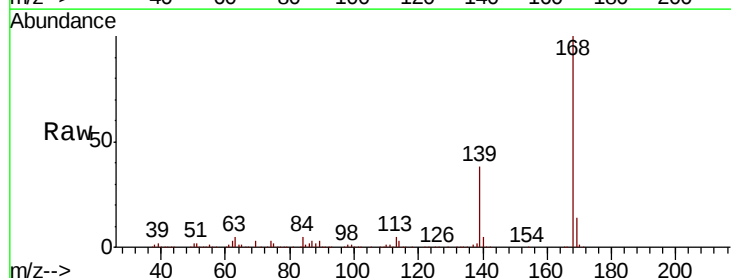
Instrument :
 BNA_F
 ClientSampled :

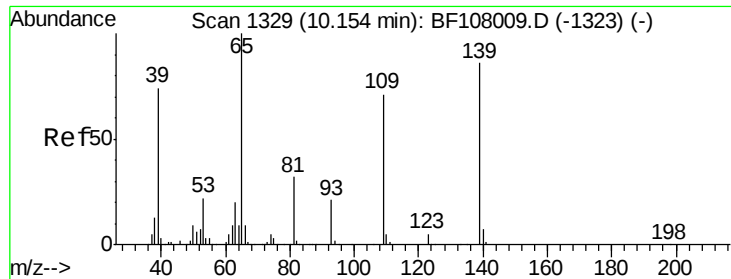
Tot Ion:184 Resp: 113665
 Ion Ratio Lower Upper
 184 100
 63 62.2 54.2 81.2
 154 61.6 184.0 276.0#



#54
 Dibenzofuran
 Concen: 46.006 ng
 RT: 10.26 min Scan# 1347
 Delta R.T. -0.00 min
 Lab File: BF108421.D
 Acq: 23 Aug 2018 12:20

Tgt Ion:168 Resp: 1071443
 Ion Ratio Lower Upper
 168 100
 139 37.8 30.1 45.1
 169 14.0 10.9 16.3

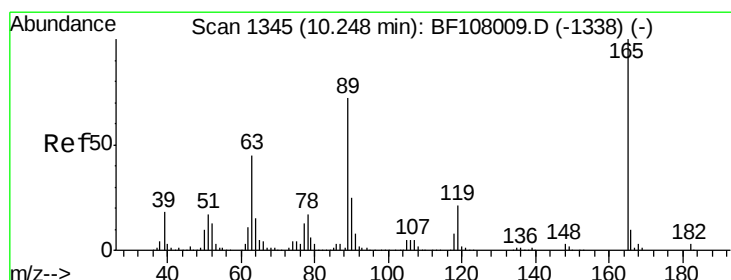
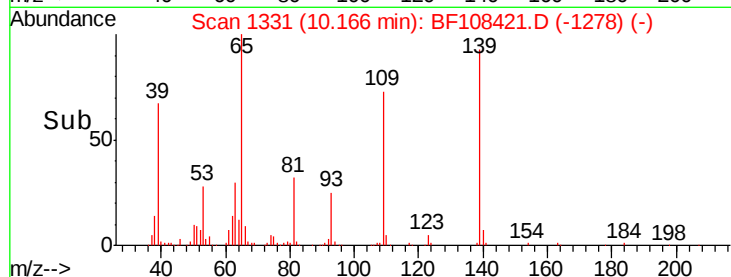
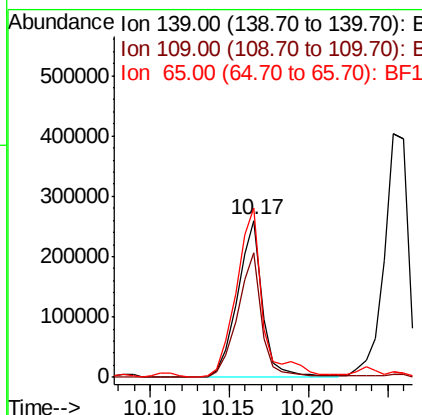
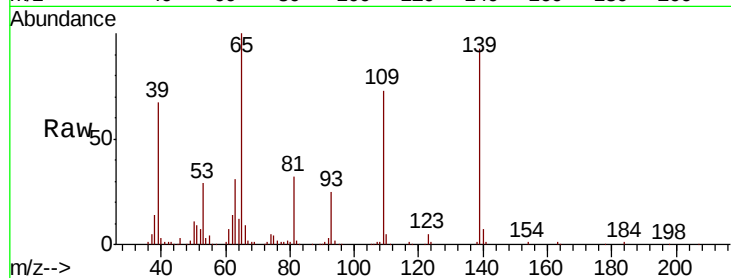




#55
4-Nitrophenol
Concen: 82.292 ng
RT: 10.17 min Scan# 1331
Delta R.T. 0.01 min
Lab File: BF108421.D
Acq: 23 Aug 2018 12:20

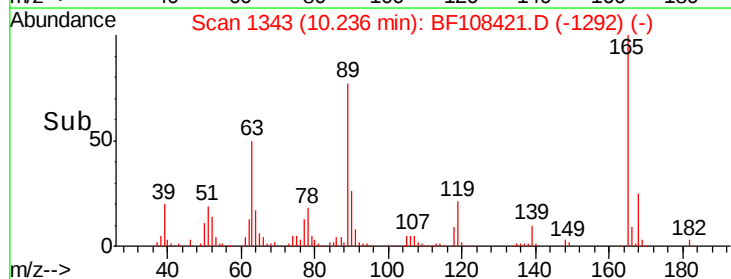
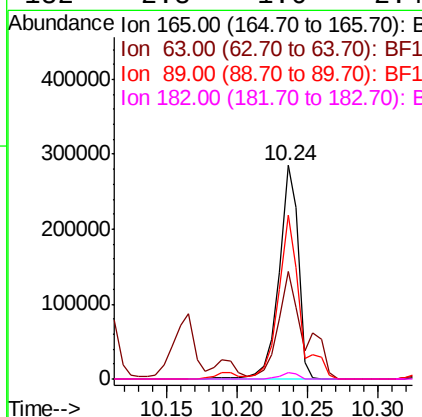
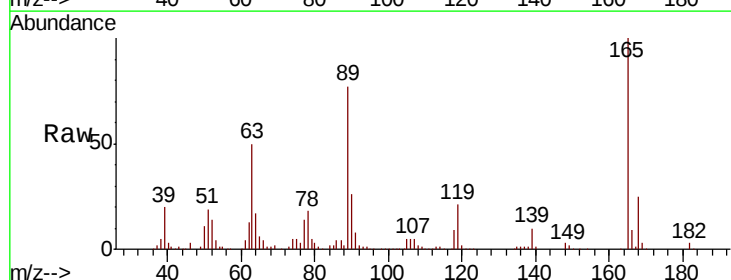
Instrument :
BNA_F
ClientSampled :

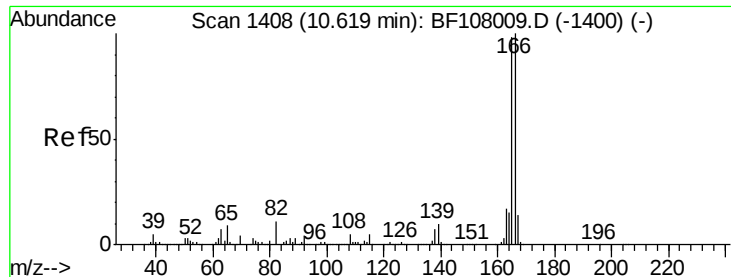
Tot Ion:139 Resp: 283082
Ion Ratio Lower Upper
139 100
109 79.2 48.4 88.4
65 107.9 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 50.671 ng
RT: 10.24 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BF108421.D
Acq: 23 Aug 2018 12:20

Tgt Ion:165 Resp: 270798
Ion Ratio Lower Upper
165 100
63 50.3 36.4 54.6
89 77.0 57.8 86.6
182 2.8 1.6 2.4#





#57

Fluorene

Concen: 46.097 ng

RT: 10.60 min Scan# 1405

Delta R.T. -0.00 min

Lab File: BF108421.D

Acq: 23 Aug 2018 12:20

Instrument :

BNA_F

ClientSampleId :

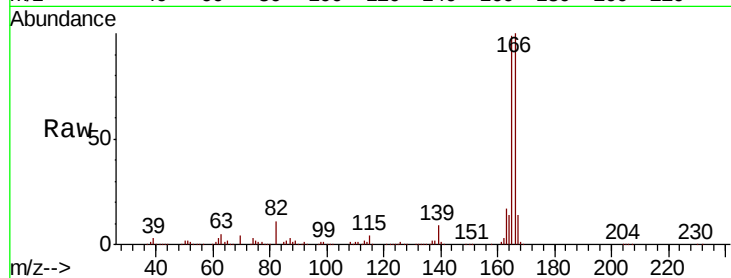
Tot Ion:166 Resp: 849852

Ion Ratio Lower Upper

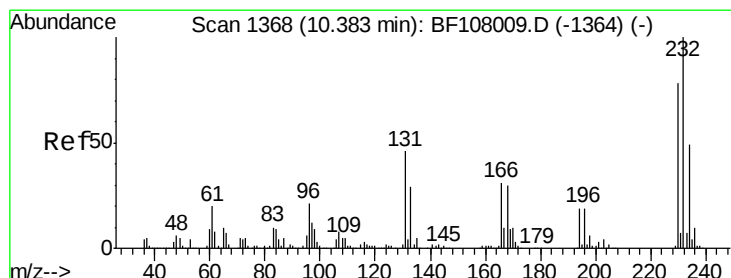
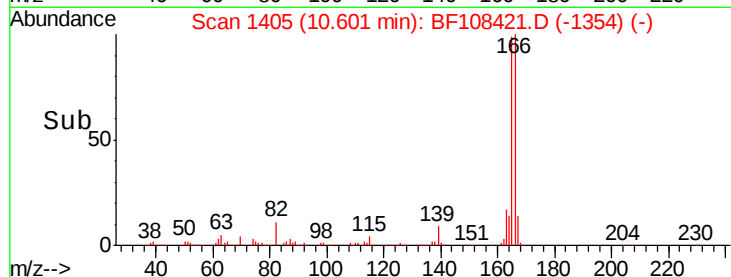
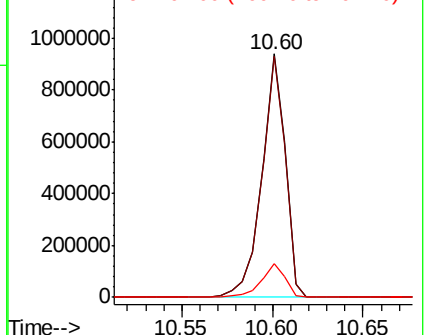
166 100

165 99.0 79.8 119.8

167 14.0 10.6 16.0



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



#58

2,3,4,6-Tetrachlorophenol

Concen: 48.306 ng

RT: 10.37 min Scan# 1366

Delta R.T. -0.00 min

Lab File: BF108421.D

Acq: 23 Aug 2018 12:20

Tgt Ion:232 Resp: 241294

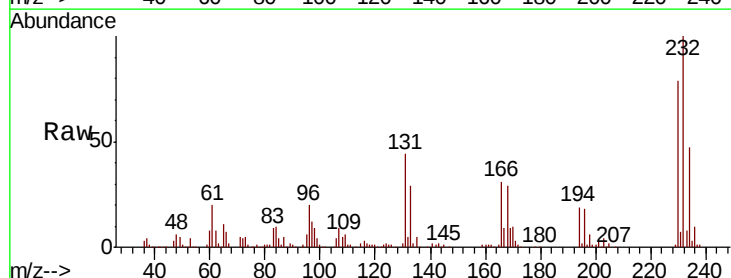
Ion Ratio Lower Upper

232 100

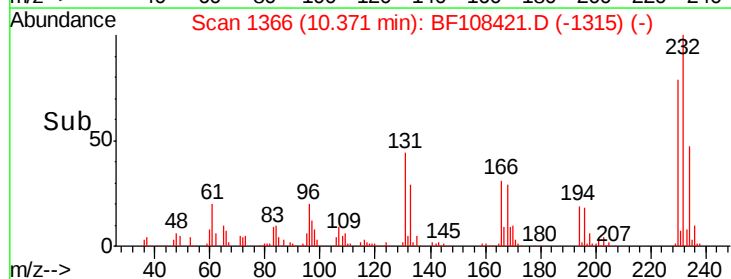
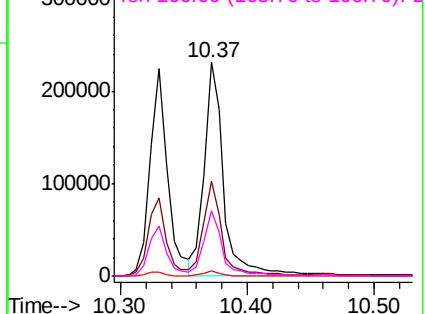
131 41.8 43.8 65.8#

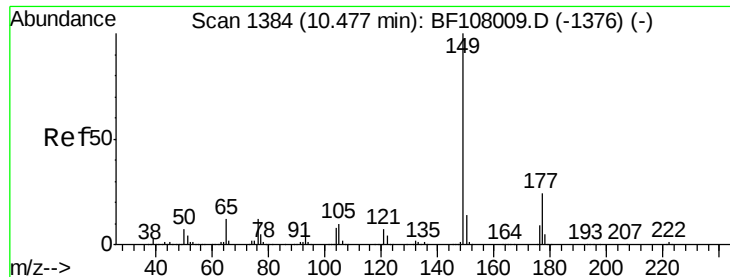
130 2.2 2.1 3.1

166 29.2 27.8 41.6



Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

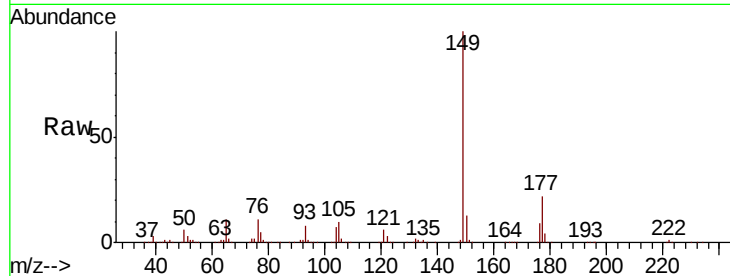




#59
Diethylphthalate
Concen: 46.676 ng
RT: 10.46 min Scan# 1381
Delta R.T. -0.00 min
Lab File: BF108421.D
Acq: 23 Aug 2018 12:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
177	22.0	16.1	24.1
150	12.7	10.1	15.1

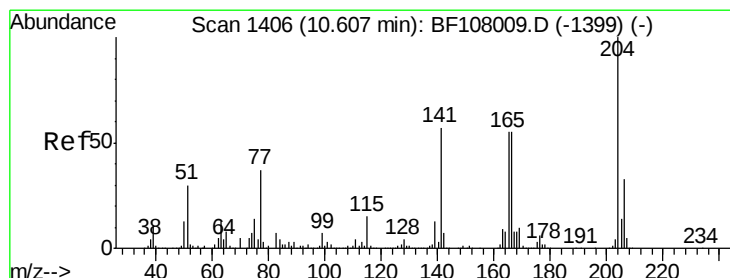
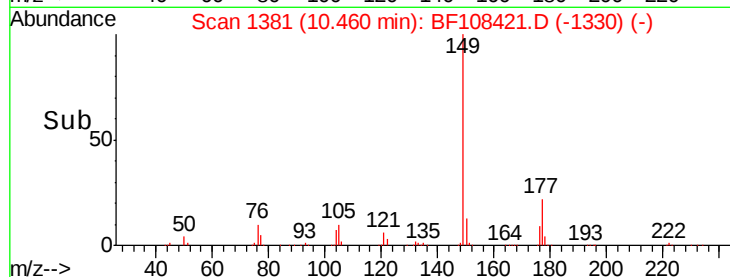
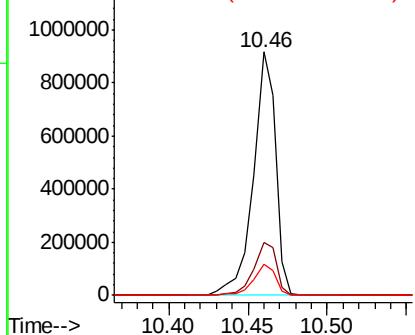


Abundance

Ion 149.00 (148.70 to 149.70): E

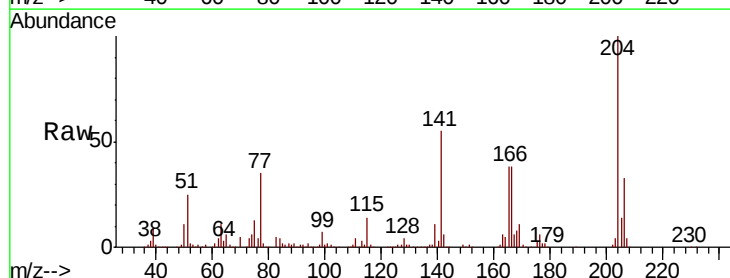
Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60
4-Chlorophenyl-phenylether
Concen: 45.384 ng
RT: 10.59 min Scan# 1403
Delta R.T. -0.00 min
Lab File: BF108421.D
Acq: 23 Aug 2018 12:20

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.5	39.7
141	55.1	54.6	81.8

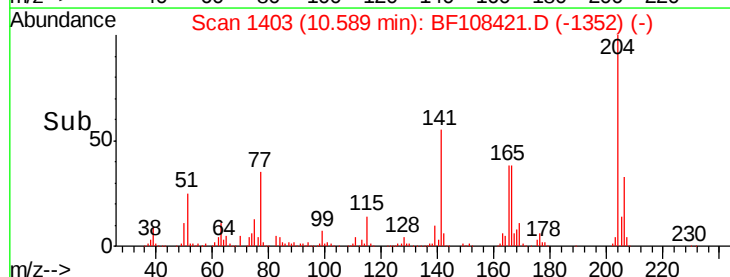
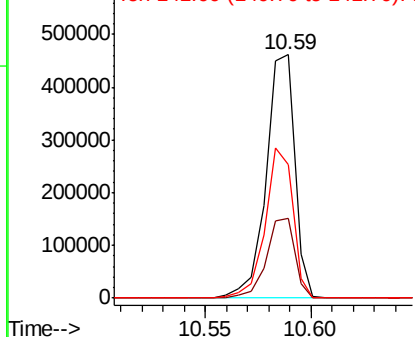


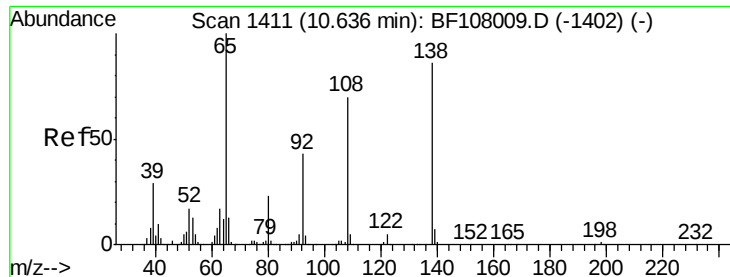
Abundance

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

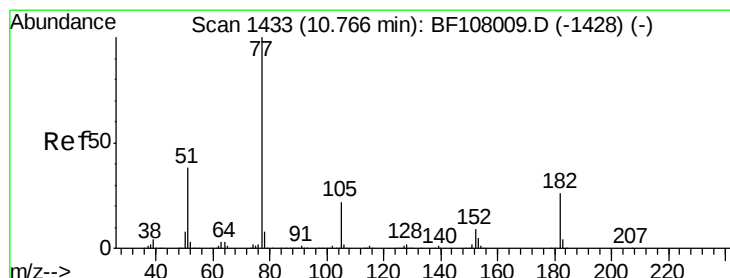
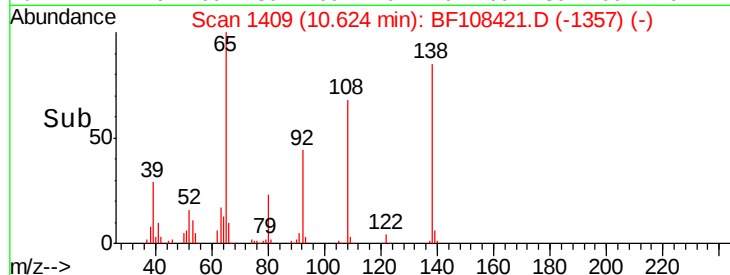
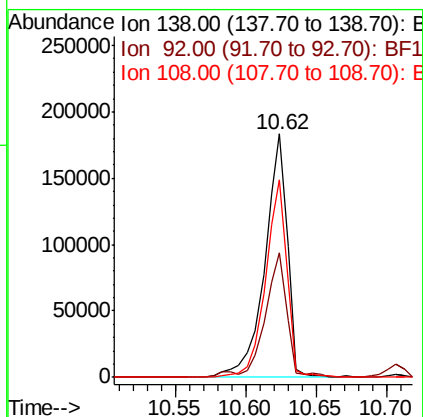
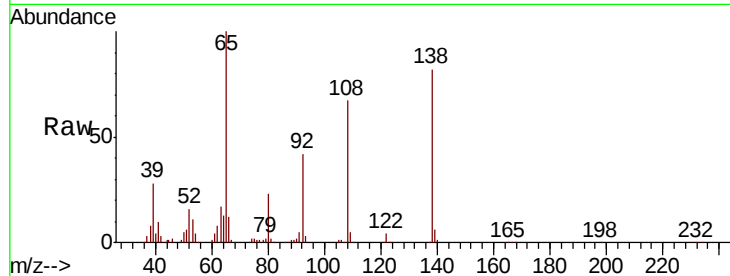




#61
4-Nitroaniline
Concen: 45.924 ng
RT: 10.62 min Scan# 1409
Delta R.T. 0.01 min
Lab File: BF108421.D
Acq: 23 Aug 2018 12:20

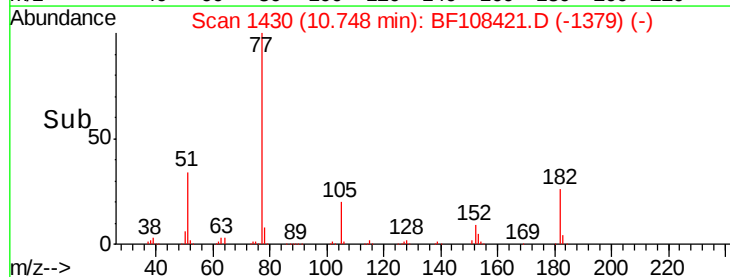
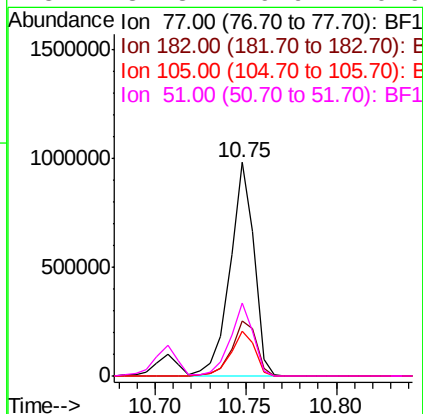
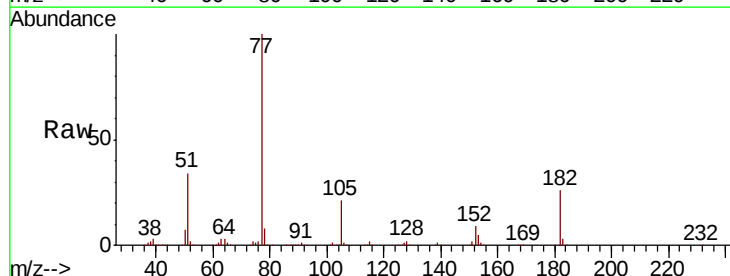
Instrument :
BNA_F
ClientSampled :

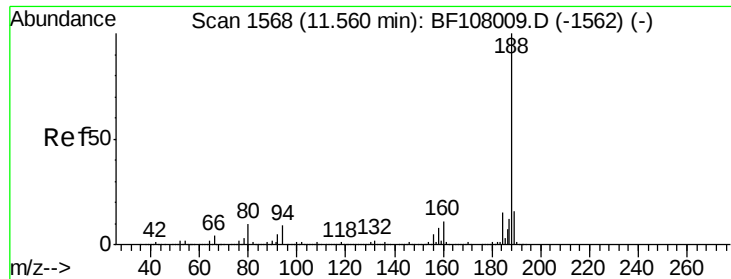
Tot Ion:138 Resp: 206255
Ion Ratio Lower Upper
138 100
92 51.2 30.2 70.2
108 81.1 52.5 92.5



#62
Azobenzene
Concen: 45.331 ng
RT: 10.75 min Scan# 1430
Delta R.T. -0.00 min
Lab File: BF108421.D
Acq: 23 Aug 2018 12:20

Tgt Ion: 77 Resp: 899597
Ion Ratio Lower Upper
77 100
182 25.5 1.7 41.7
105 20.9 3.0 43.0
51 34.3 9.9 49.9





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.54 min Scan# 1565

Delta R.T. -0.01 min

Lab File: BF108421.D

Acq: 23 Aug 2018 12:20

Instrument :

BNA_F

ClientSampleId :

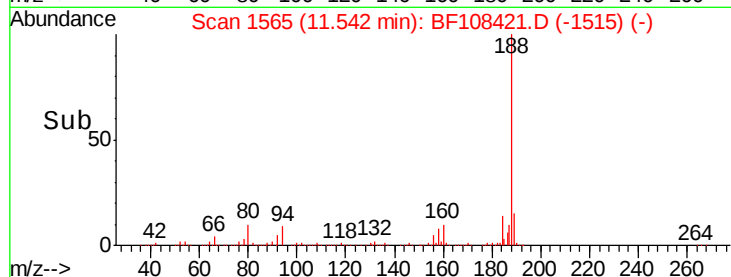
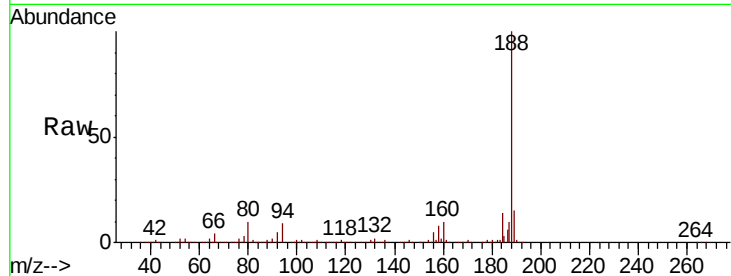
Tot Ion:188 Resp: 570158

Ion Ratio Lower Upper

188 100

94 9.0 8.5 12.7

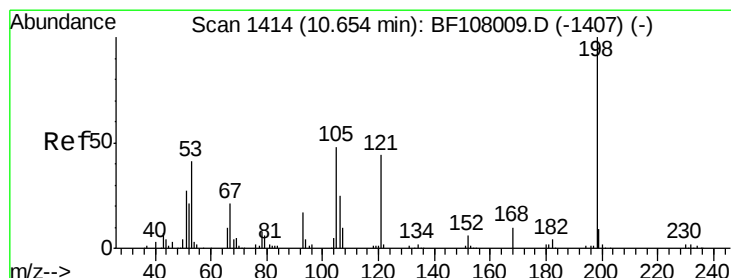
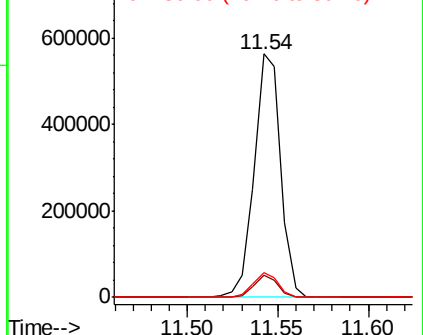
80 10.1 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#64

4,6-Dinitro-2-methylphenol

Concen: 43.373 ng

RT: 10.65 min Scan# 1413

Delta R.T. -0.00 min

Lab File: BF108421.D

Acq: 23 Aug 2018 12:20

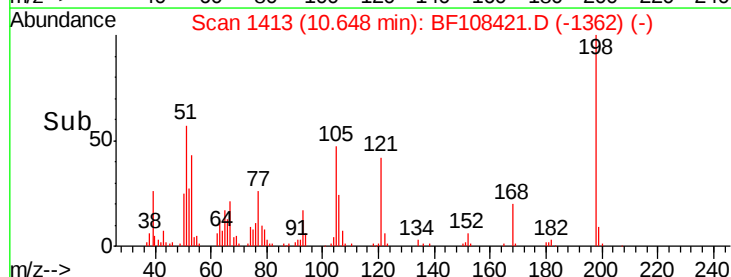
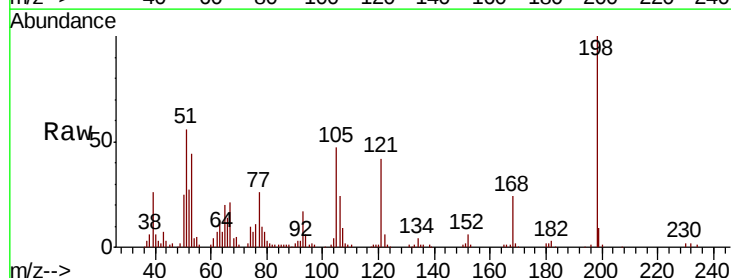
Tgt Ion:198 Resp: 91598

Ion Ratio Lower Upper

198 100

51 56.5 37.7 77.7

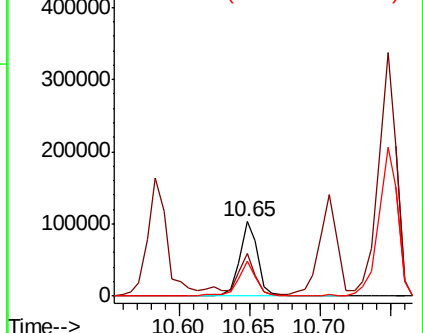
105 46.7 36.3 76.3

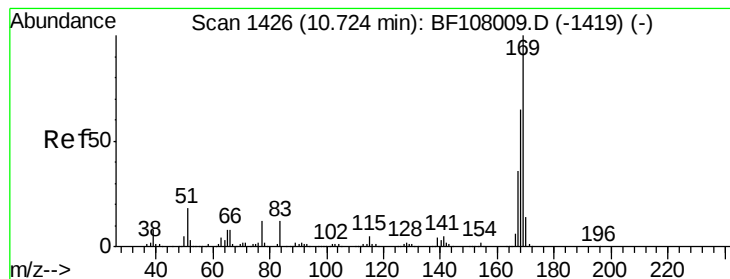


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 46.147 ng

RT: 10.71 min Scan# 1423

Delta R.T. -0.00 min

Lab File: BF108421.D

Acq: 23 Aug 2018 12:20

Instrument :

BNA_F

ClientSampleId :

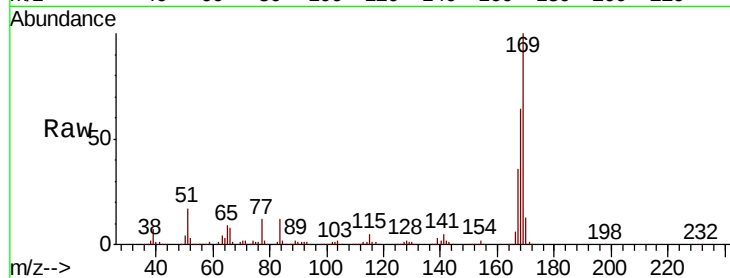
Tot Ion:169 Resp: 777521

Ion Ratio Lower Upper

169 100

168 64.4 54.4 81.6

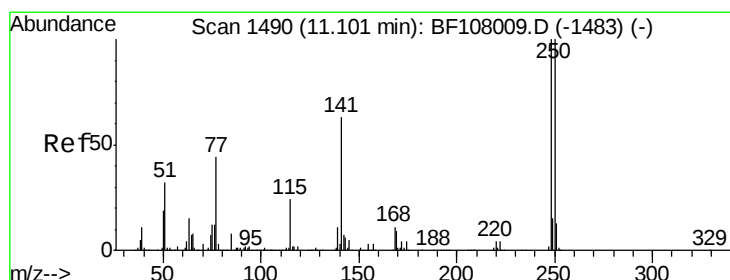
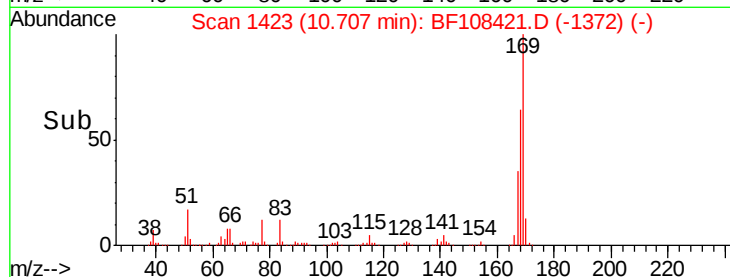
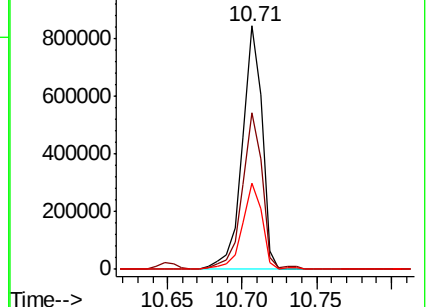
167 35.6 29.8 44.6



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: 46.616 ng

RT: 11.08 min Scan# 1487

Delta R.T. -0.00 min

Lab File: BF108421.D

Acq: 23 Aug 2018 12:20

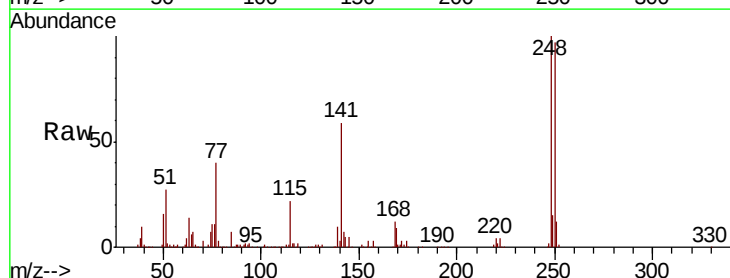
Tgt Ion:248 Resp: 288839

Ion Ratio Lower Upper

248 100

250 96.8 76.9 115.3

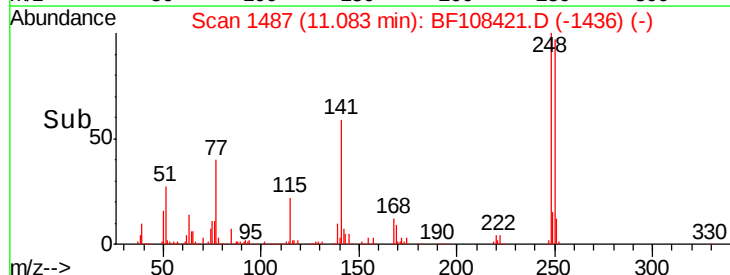
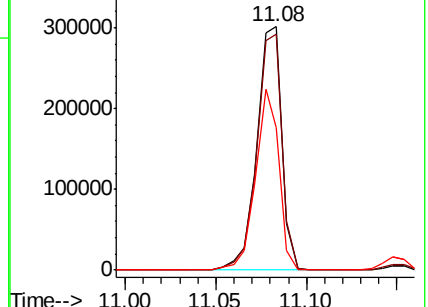
141 58.6 74.4 111.6#

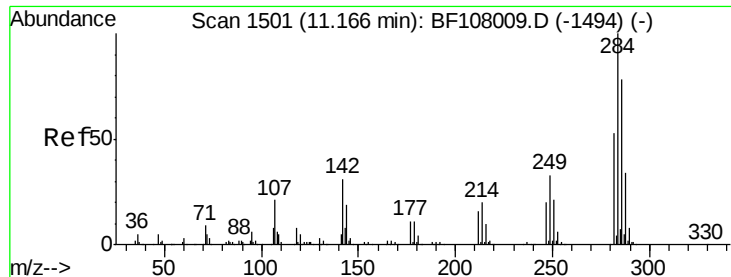


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

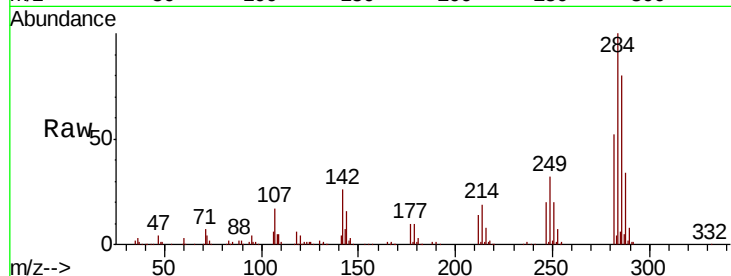




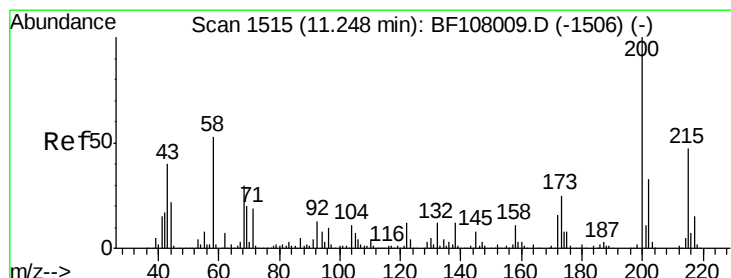
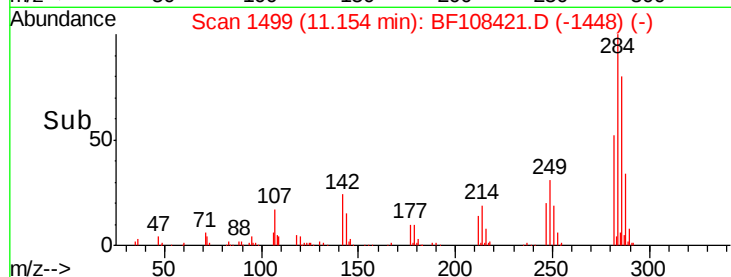
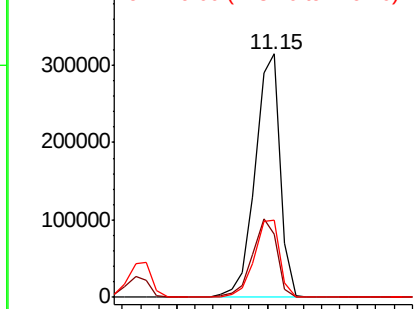
#67
Hexachlorobenzene
Concen: 46.358 ng
RT: 11.15 min Scan# 1499
Delta R.T. -0.00 min
Lab File: BF108421.D
Acq: 23 Aug 2018 12:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 302223
Ion Ratio Lower Upper
284 100
142 26.1 34.6 52.0#
249 31.9 24.8 37.2

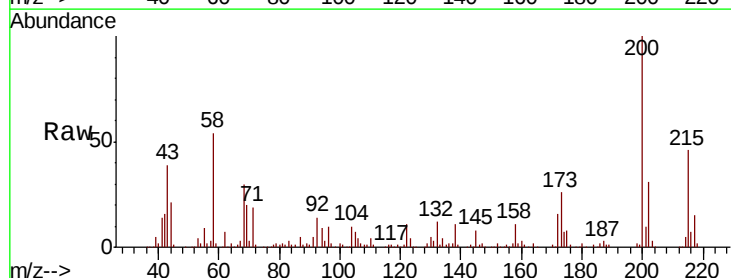


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

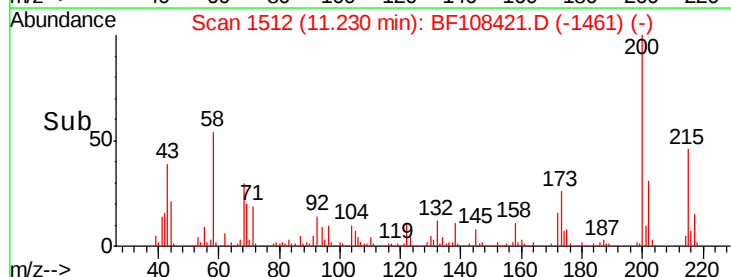
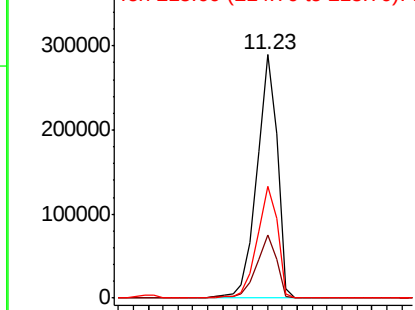


#68
Atrazine
Concen: 47.825 ng
RT: 11.23 min Scan# 1512
Delta R.T. -0.00 min
Lab File: BF108421.D
Acq: 23 Aug 2018 12:20

Tgt Ion:200 Resp: 270266
Ion Ratio Lower Upper
200 100
173 25.7 8.6 48.6
215 45.8 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

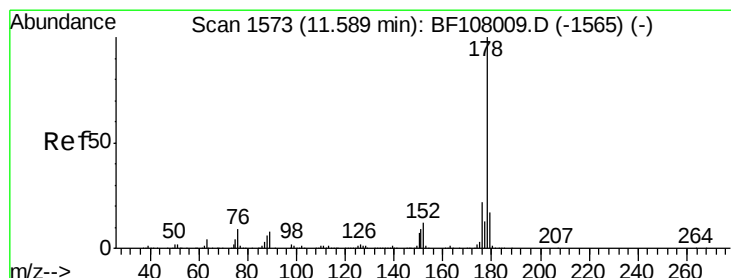
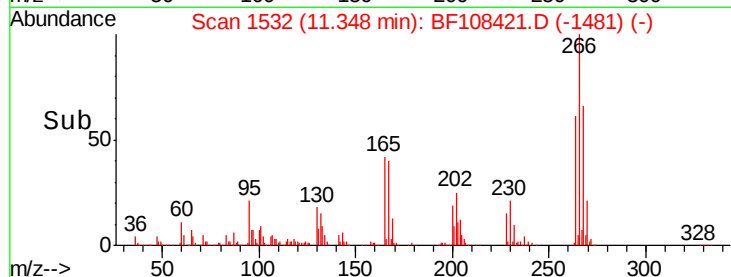
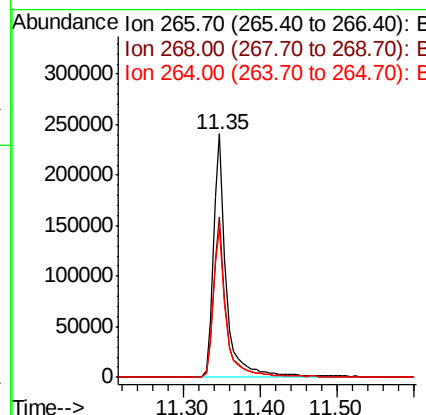
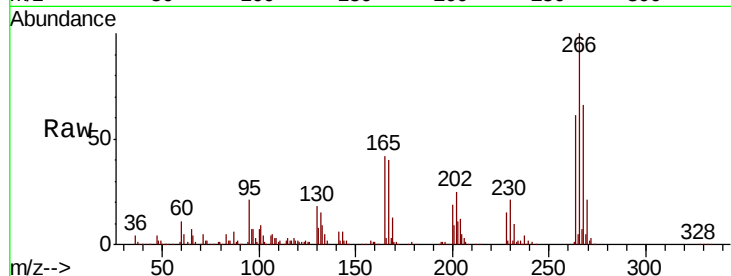




#69
 Pentachlorophenol
 Concen: 87.667 ng
 RT: 11.35 min Scan# 1532
 Delta R.T. -0.00 min
 Lab File: BF108421.D
 Acq: 23 Aug 2018 12:20

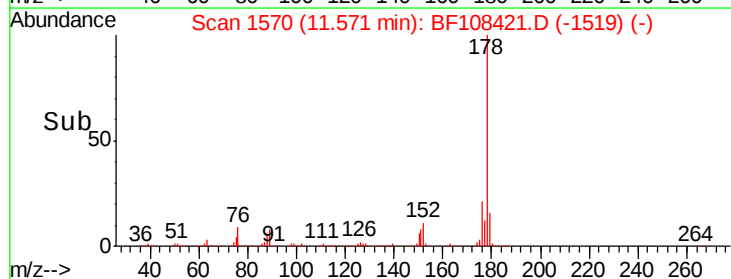
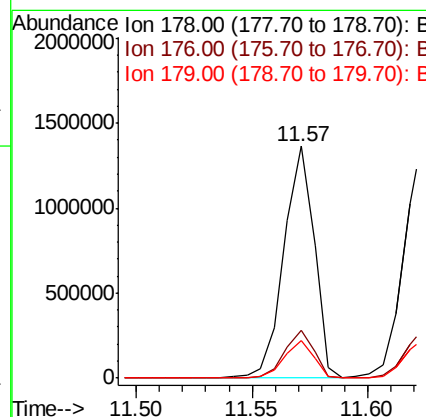
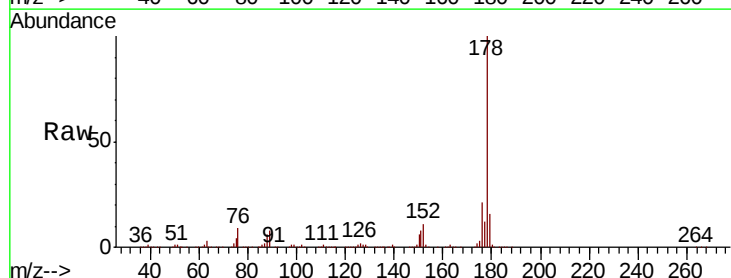
Instrument :
 BNA_F
 ClientSampleId :

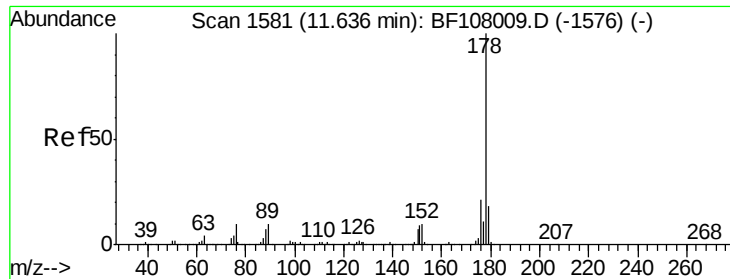
Tot Ion	Ratio	Lower	Upper
266	100		
268	65.8	51.1	76.7
264	61.4	49.5	74.3



#70
 Phenanthrene
 Concen: 46.087 ng
 RT: 11.57 min Scan# 1570
 Delta R.T. -0.00 min
 Lab File: BF108421.D
 Acq: 23 Aug 2018 12:20

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.5	15.8	23.8
179	16.2	13.0	19.6

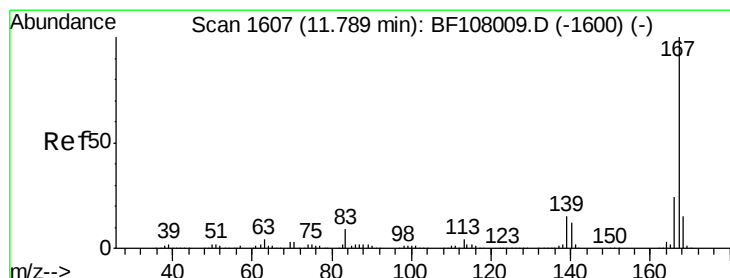
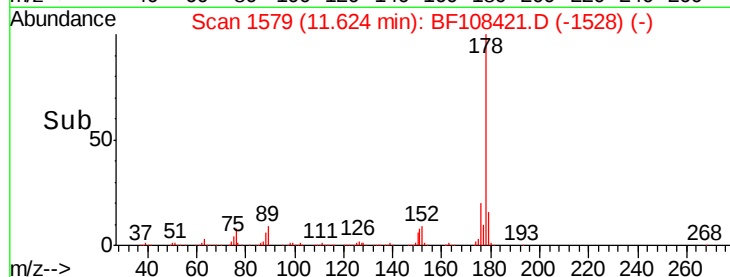
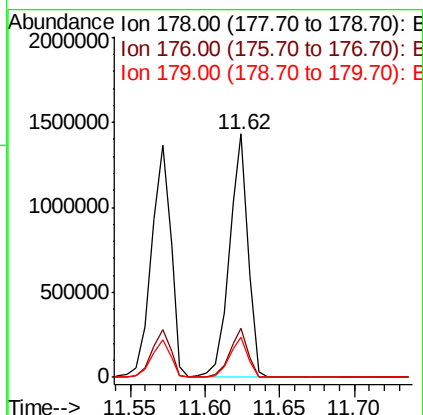
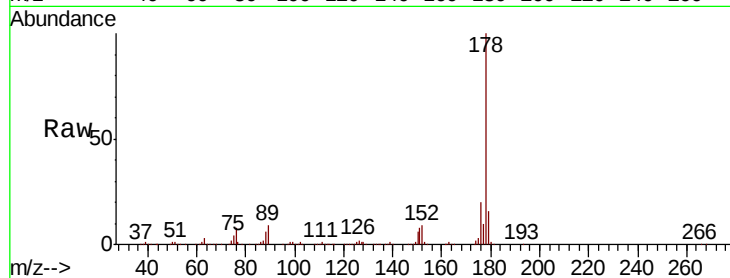




#71
 Anthracene
 Concen: 46.019 ng
 RT: 11.62 min Scan# 1579
 Delta R.T. -0.00 min
 Lab File: BF108421.D
 Acq: 23 Aug 2018 12:20

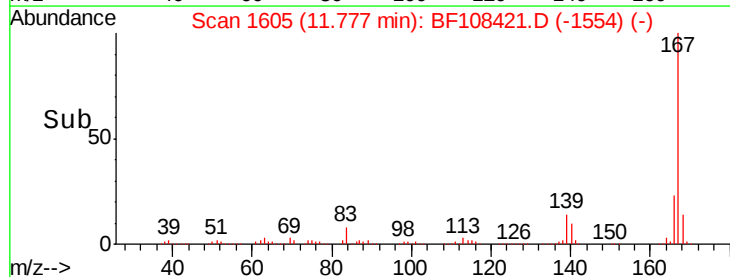
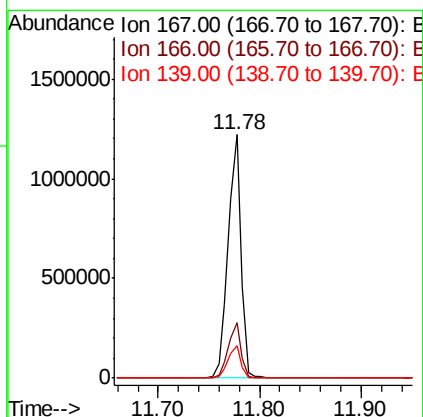
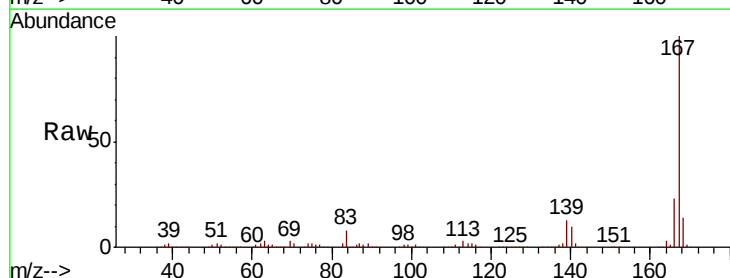
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 1268416
 Ion Ratio Lower Upper
 178 100
 176 20.1 15.4 23.2
 179 16.3 12.6 19.0



#72
 Carbazole
 Concen: 44.668 ng
 RT: 11.78 min Scan# 1605
 Delta R.T. -0.00 min
 Lab File: BF108421.D
 Acq: 23 Aug 2018 12:20

Tgt Ion:167 Resp: 1093862
 Ion Ratio Lower Upper
 167 100
 166 22.8 17.6 26.4
 139 13.5 10.9 16.3





#73

Di-n-butylphthalate

Concen: 49.079 ng

RT: 12.09 min Scan# 1658

Delta R.T. -0.00 min

Lab File: BF108421.D

Acq: 23 Aug 2018 12:20

Instrument :

BNA_F

ClientSampleId :

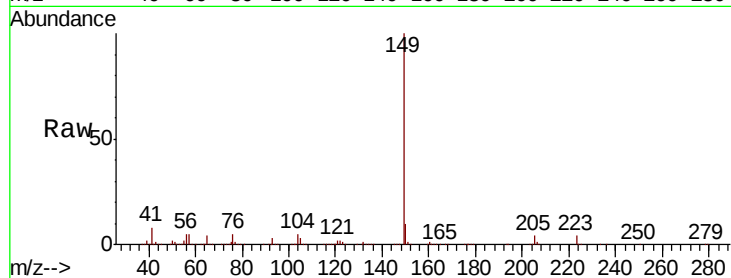
Tot Ion:149 Resp: 1361362

Ion Ratio Lower Upper

149 100

150 9.8 7.8 11.6

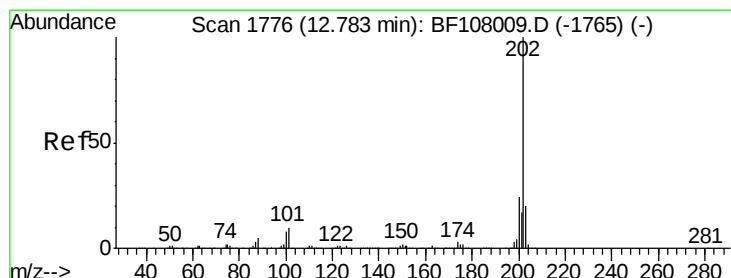
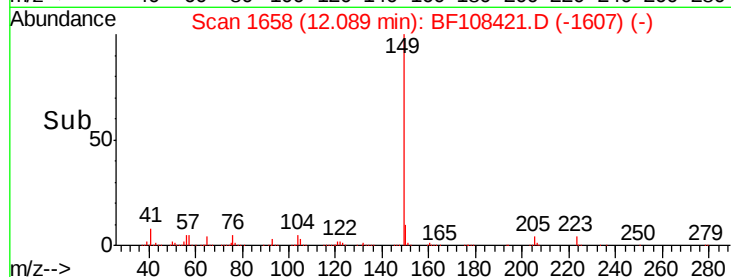
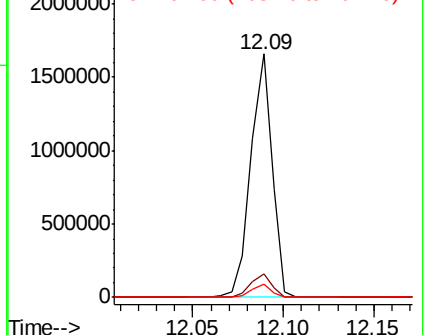
104 5.4 3.8 5.8



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: 45.597 ng

RT: 12.77 min Scan# 1773

Delta R.T. -0.00 min

Lab File: BF108421.D

Acq: 23 Aug 2018 12:20

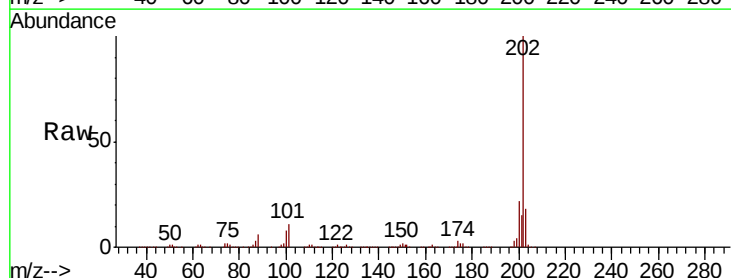
Tgt Ion:202 Resp: 1338267

Ion Ratio Lower Upper

202 100

101 10.8 0.0 34.1

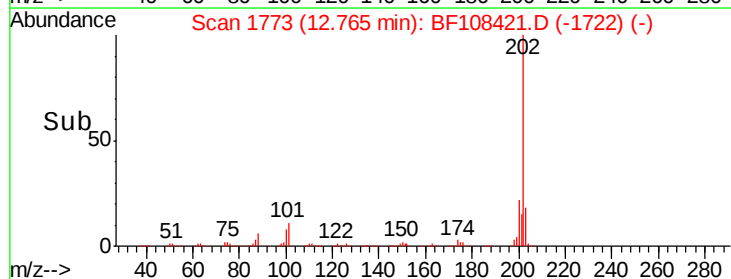
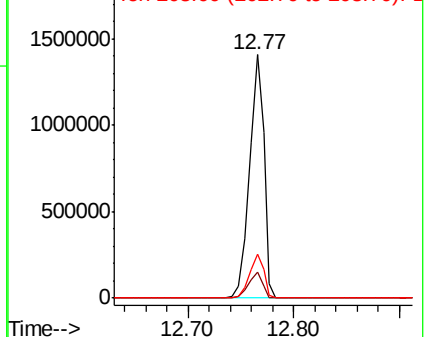
203 18.2 0.0 38.1

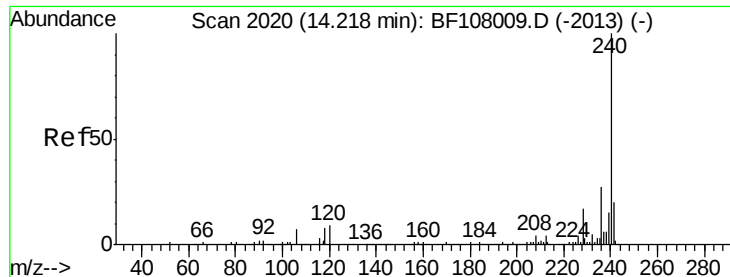


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.20 min Scan# 2017

Delta R.T. -0.00 min

Lab File: BF108421.D

Acq: 23 Aug 2018 12:20

Instrument :

BNA_F

ClientSampleId :

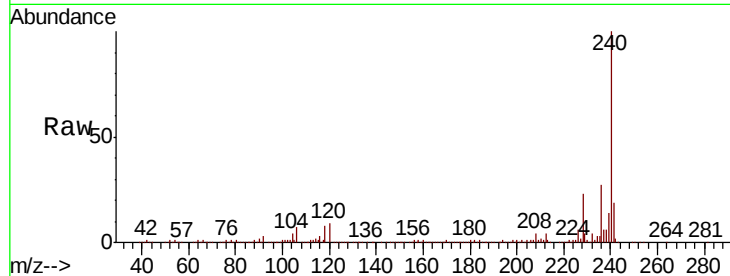
Tot Ion:240 Resp: 410186

Ion Ratio Lower Upper

240 100

120 9.2 9.5 14.3#

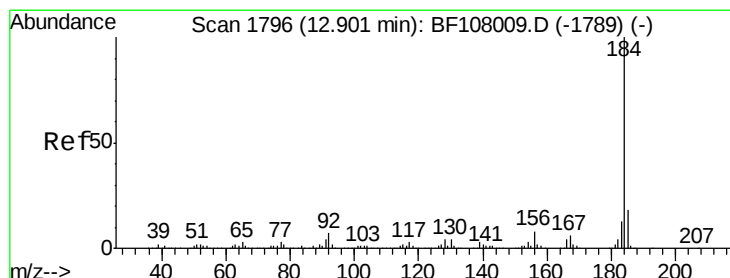
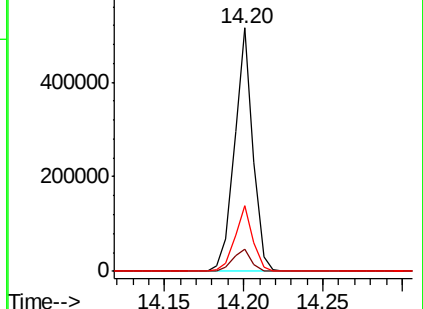
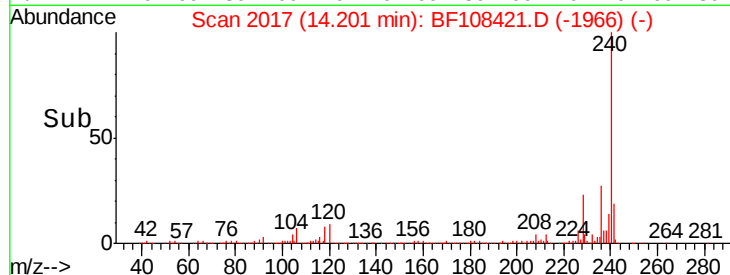
236 26.9 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 39.302 ng

RT: 12.88 min Scan# 1793

Delta R.T. -0.00 min

Lab File: BF108421.D

Acq: 23 Aug 2018 12:20

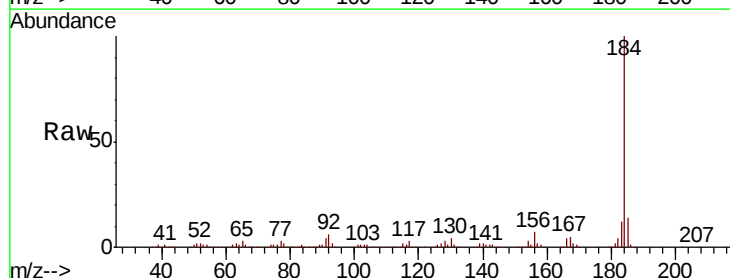
Tgt Ion:184 Resp: 602318

Ion Ratio Lower Upper

184 100

185 14.3 12.6 18.8

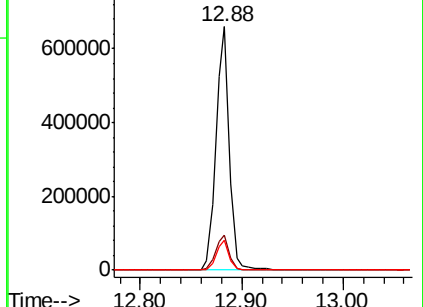
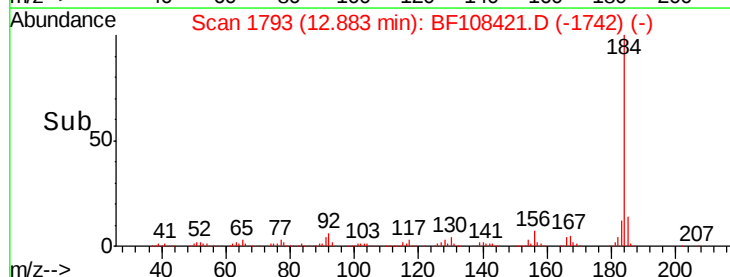
183 12.1 9.3 13.9



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: 50.495 ng

RT: 13.00 min Scan# 1813

Delta R.T. -0.00 min

Lab File: BF108421.D

Acq: 23 Aug 2018 12:20

Instrument :

BNA_F

ClientSampleId :

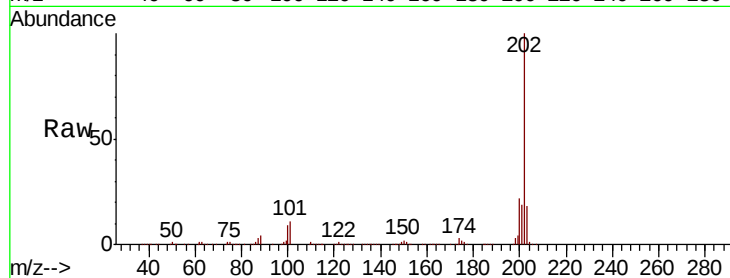
Tot Ion:202 Resp: 1311299

Ion Ratio Lower Upper

202 100

200 22.3 17.4 26.2

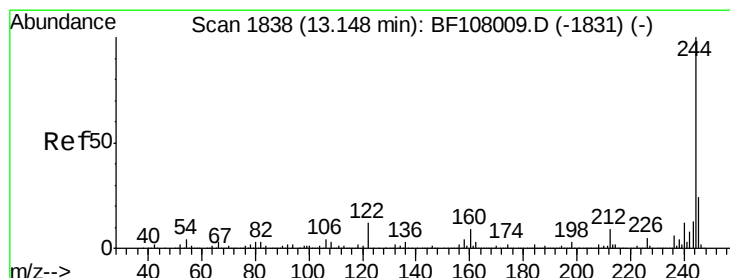
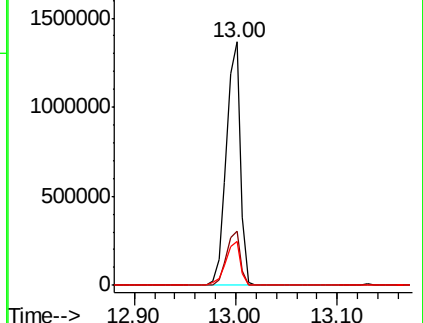
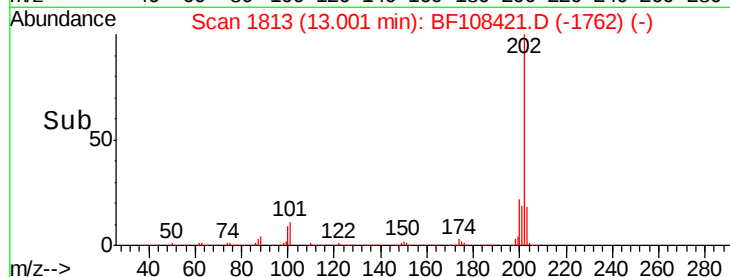
203 18.3 14.3 21.5



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: 114.886 ng

RT: 13.13 min Scan# 1835

Delta R.T. -0.00 min

Lab File: BF108421.D

Acq: 23 Aug 2018 12:20

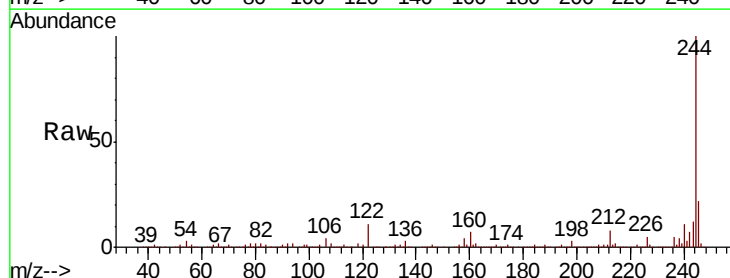
Tgt Ion:244 Resp: 1853422

Ion Ratio Lower Upper

244 100

212 7.6 5.4 8.0

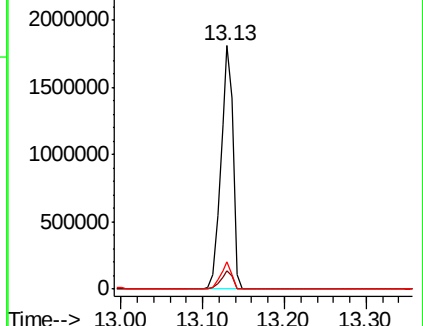
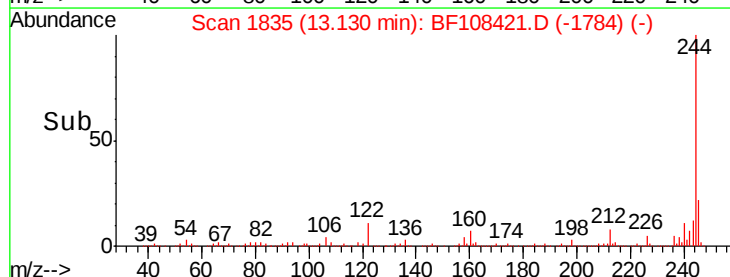
122 11.3 11.0 16.4

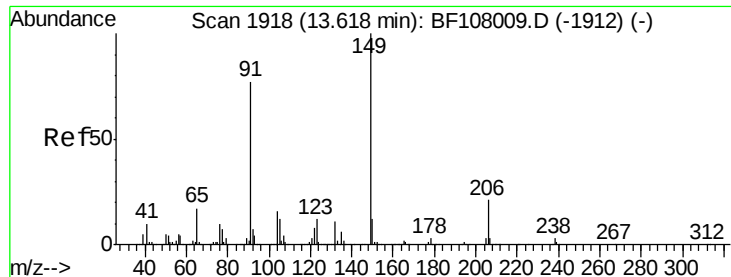


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 54.519 ng

RT: 13.59 min Scan# 1914

Delta R.T. -0.01 min

Lab File: BF108421.D

Acq: 23 Aug 2018 12:20

Instrument :

BNA_F

ClientSampleId :

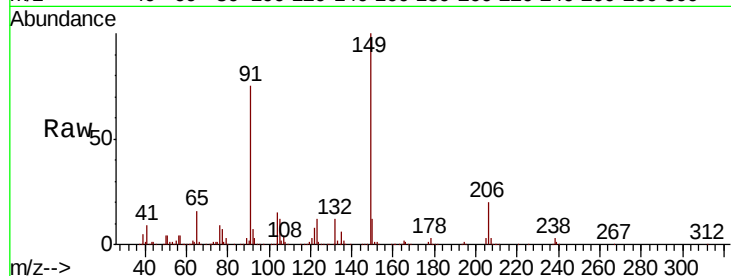
Tot Ion:149 Resp: 562194

Ion Ratio Lower Upper

149 100

91 75.4 56.8 85.2

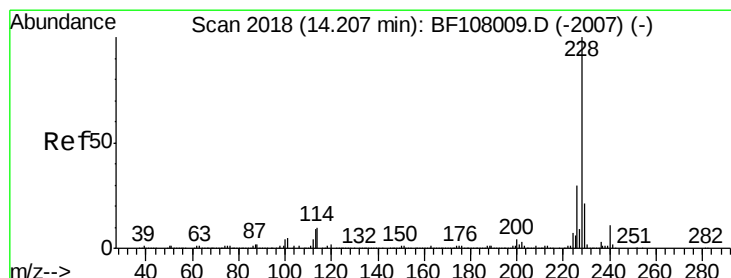
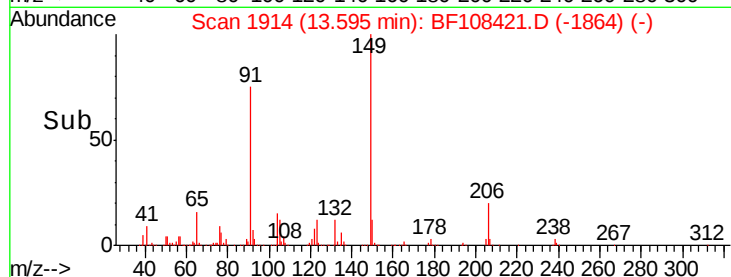
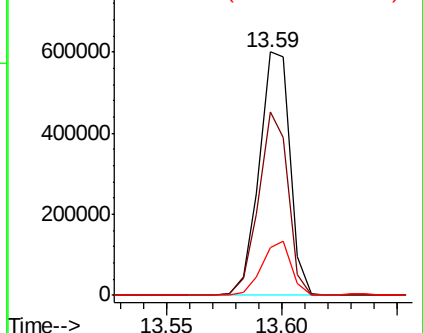
206 19.7 14.1 21.1



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: 46.635 ng

RT: 14.19 min Scan# 2015

Delta R.T. -0.00 min

Lab File: BF108421.D

Acq: 23 Aug 2018 12:20

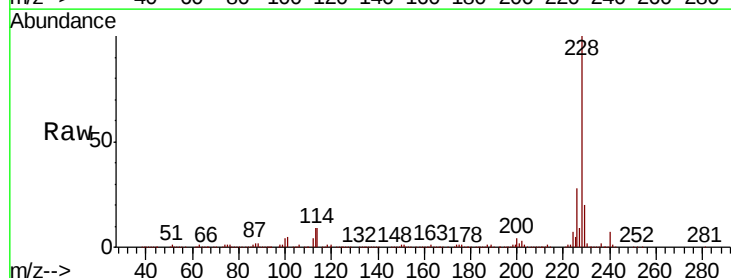
Tgt Ion:228 Resp: 1097822

Ion Ratio Lower Upper

228 100

226 28.5 22.6 33.8

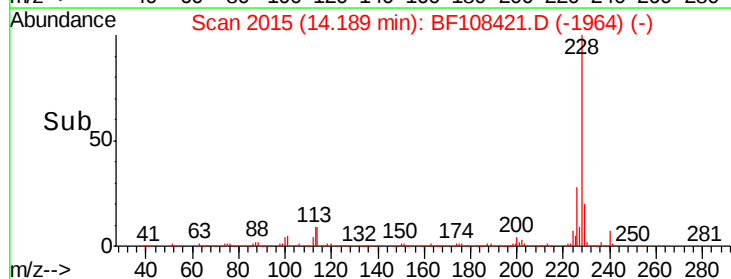
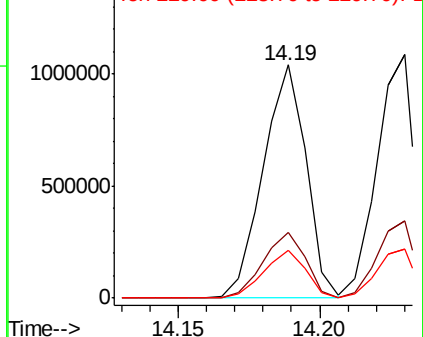
229 20.4 15.8 23.6

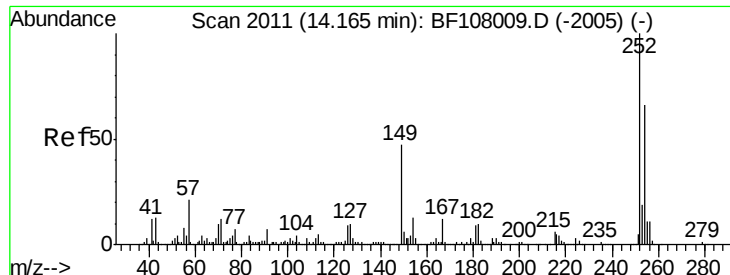


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

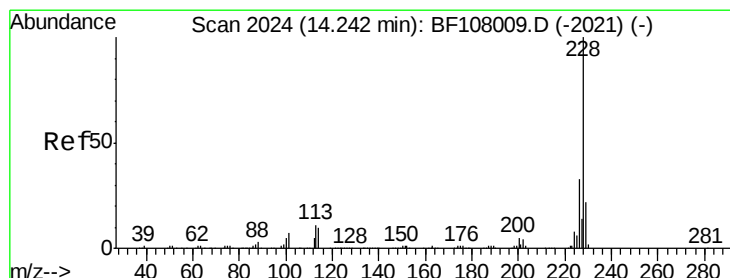
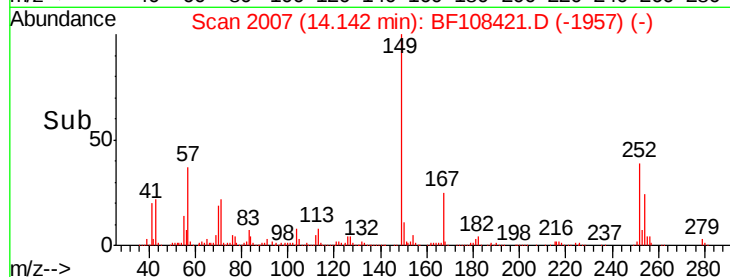
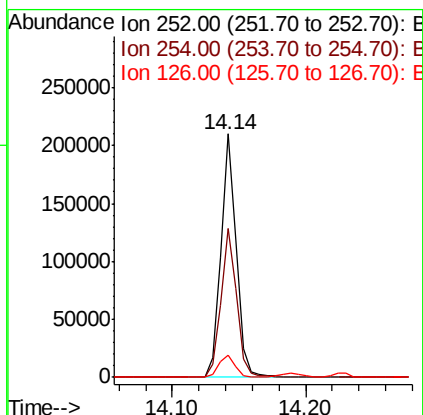
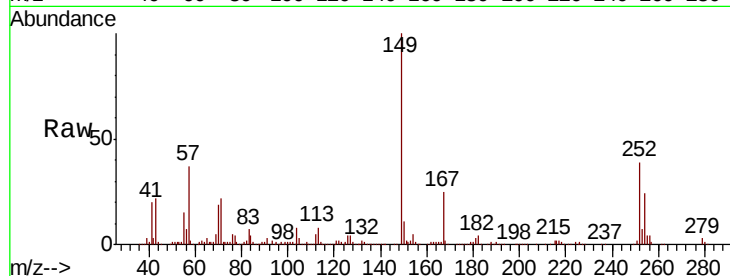




#81
 3,3'-Dichlorobenzidine
 Concen: 20.452 ng
 RT: 14.14 min Scan# 2007
 Delta R.T. -0.01 min
 Lab File: BF108421.D
 Acq: 23 Aug 2018 12:20

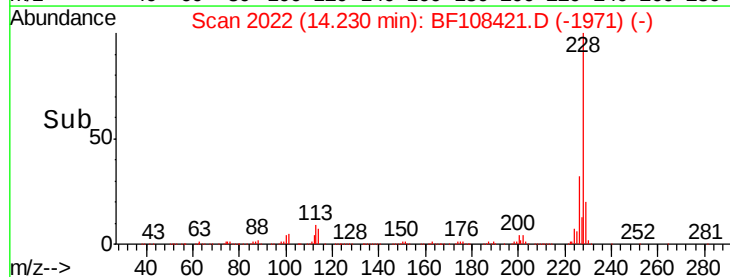
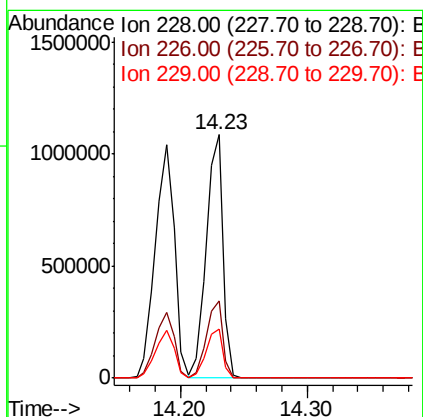
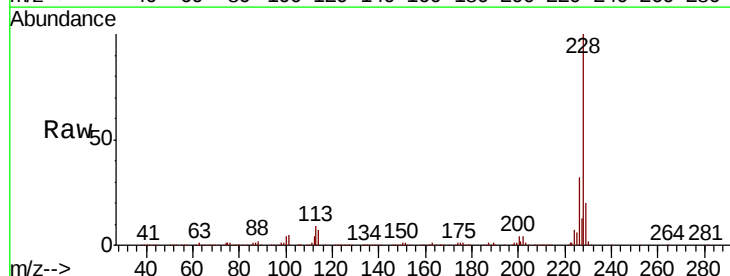
Instrument :
 BNA_F
 ClientSampleID :

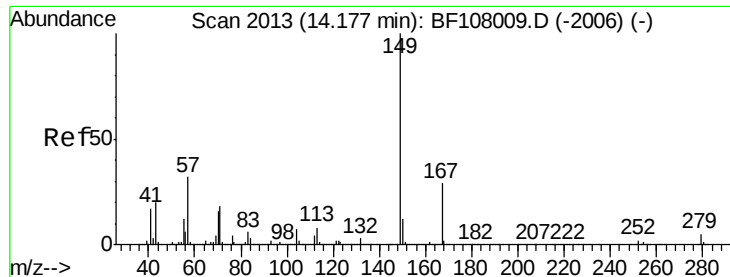
Tot Ion:252 Resp: 172538
 Ion Ratio Lower Upper
 252 100
 254 61.2 50.4 75.6
 126 9.0 11.3 16.9#



#82
 Chrysene
 Concen: 46.456 ng
 RT: 14.23 min Scan# 2022
 Delta R.T. -0.00 min
 Lab File: BF108421.D
 Acq: 23 Aug 2018 12:20

Tgt Ion:228 Resp: 1002594
 Ion Ratio Lower Upper
 228 100
 226 31.7 25.0 37.6
 229 20.1 16.2 24.4

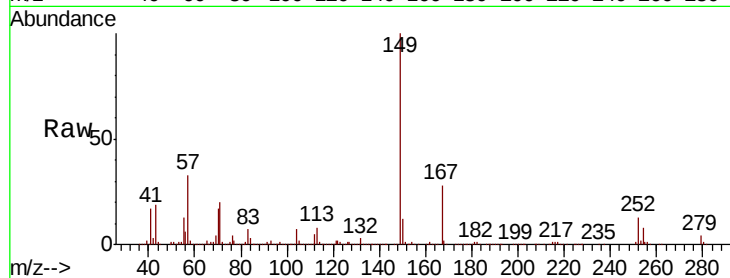




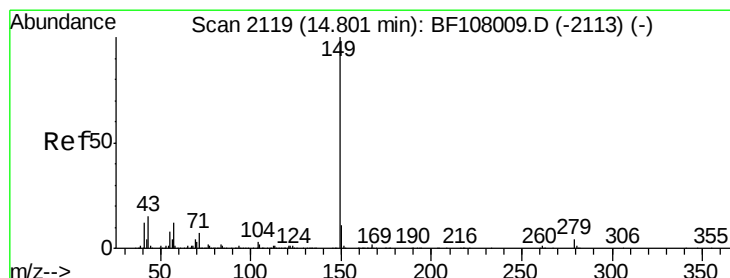
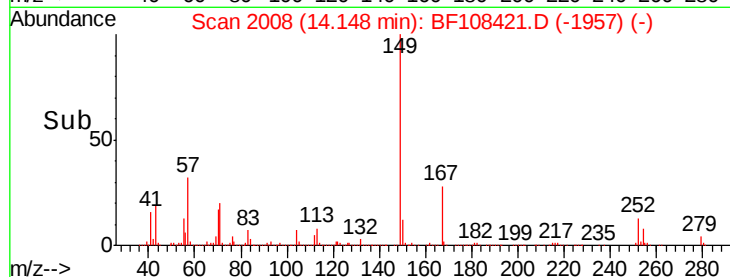
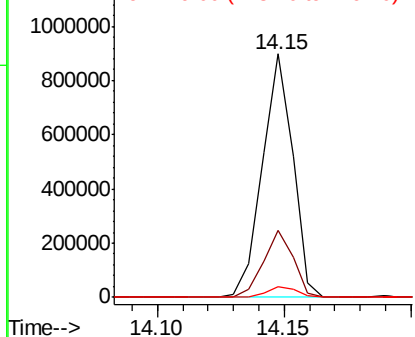
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 54.307 ng
 RT: 14.15 min Scan# 2008
 Delta R.T. -0.00 min
 Lab File: BF108421.D
 Acq: 23 Aug 2018 12:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	27.5	21.3	31.9
279	4.2	3.0	4.4

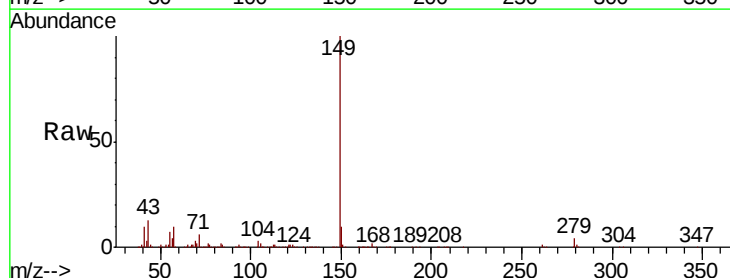


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

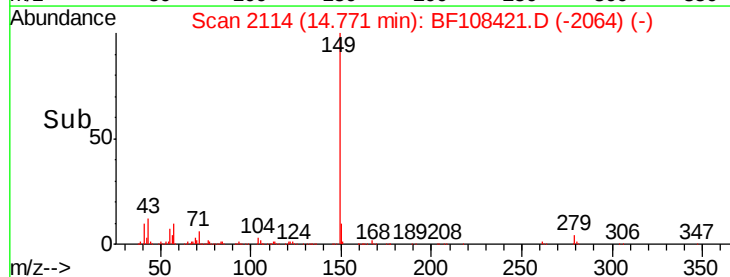
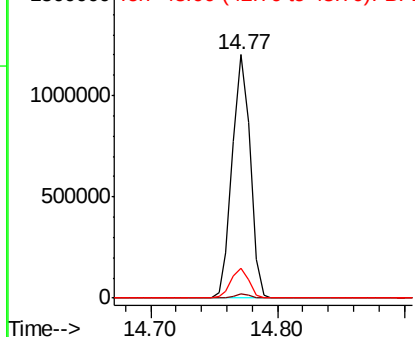


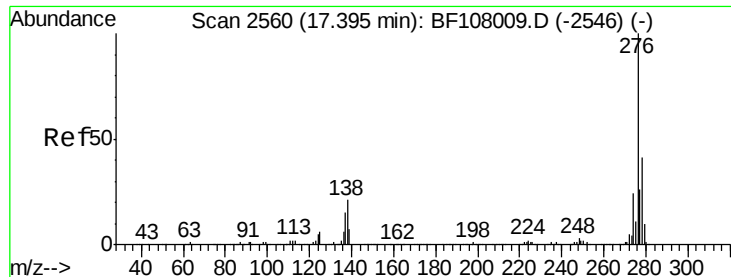
#84
 Di-n-octyl phthalate
 Concen: 54.988 ng
 RT: 14.77 min Scan# 2114
 Delta R.T. -0.01 min
 Lab File: BF108421.D
 Acq: 23 Aug 2018 12:20

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	12.0	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: 41.590 ng

RT: 17.37 min Scan# 2556

Delta R.T. -0.00 min

Lab File: BF108421.D

Acq: 23 Aug 2018 12:20

Instrument :

BNA_F

ClientSampleId :

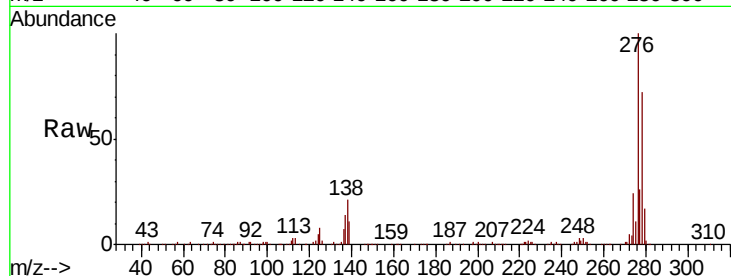
Tot Ion:276 Resp: 777719

Ion Ratio Lower Upper

276 100

138 21.7 25.0 37.6#

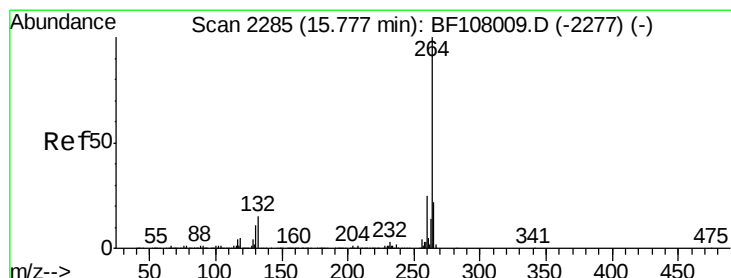
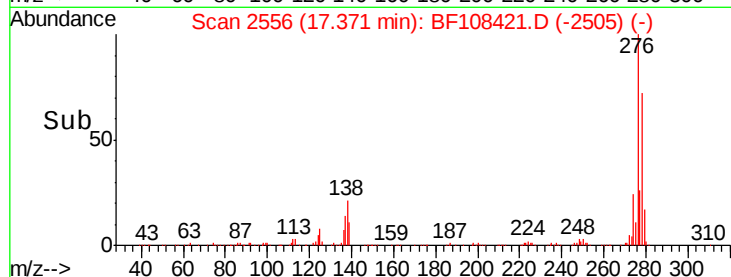
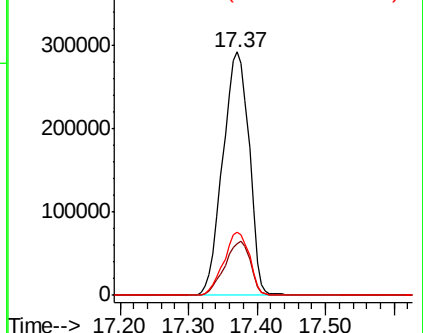
277 25.4 20.1 30.1



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: 15.75 min Scan# 2281

Delta R.T. -0.01 min

Lab File: BF108421.D

Acq: 23 Aug 2018 12:20

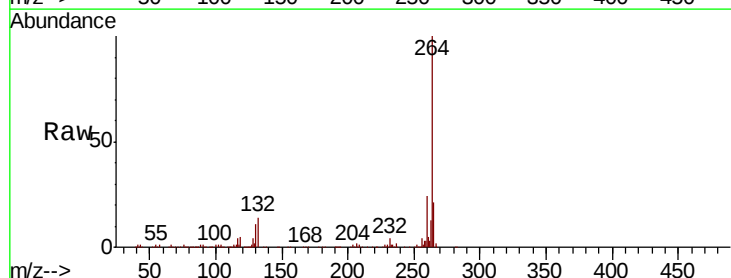
Tgt Ion:264 Resp: 285408

Ion Ratio Lower Upper

264 100

260 24.1 19.2 28.8

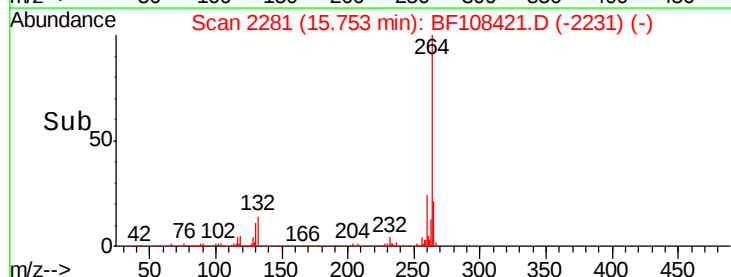
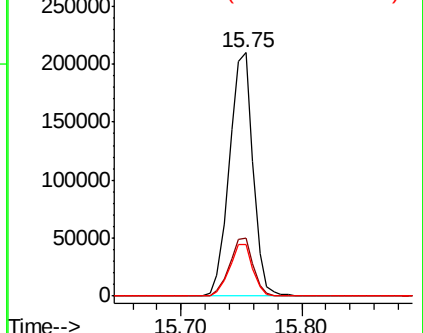
265 21.2 17.5 26.3

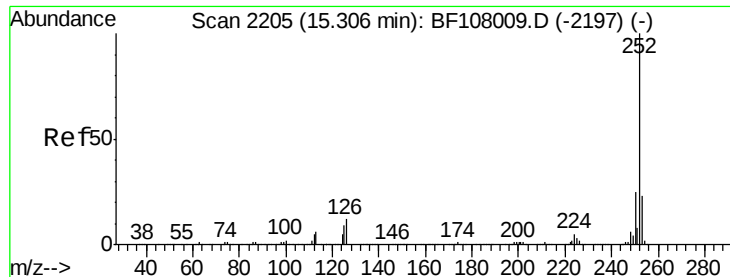


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

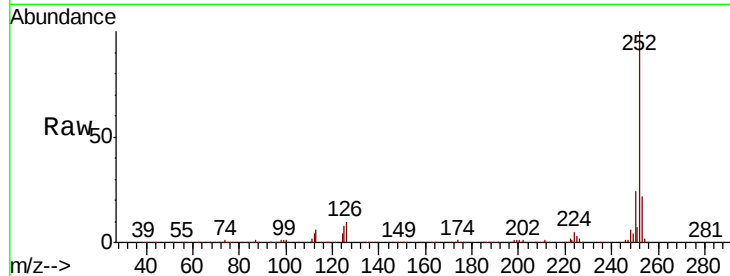




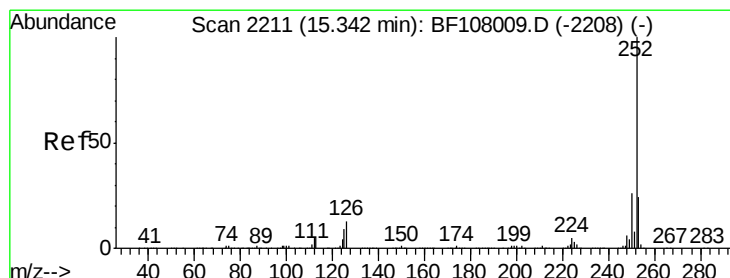
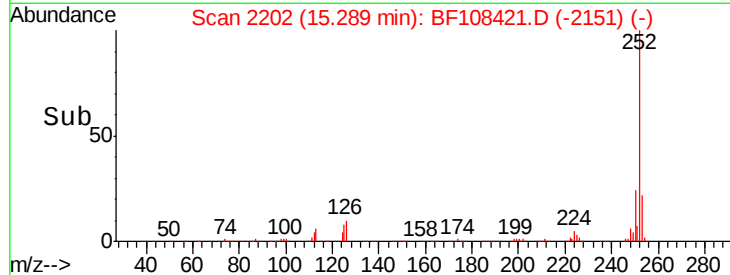
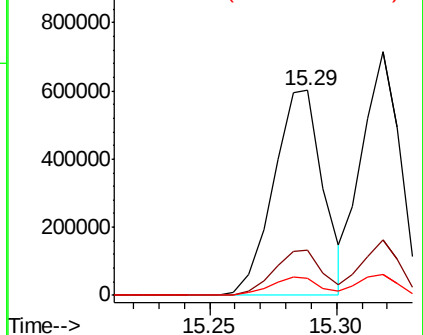
#87
Benzo(b)fluoranthene
Concen: 47.933 ng
RT: 15.29 min Scan# 2202
Delta R.T. -0.00 min
Lab File: BF108421.D
Acq: 23 Aug 2018 12:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 817472
Ion Ratio Lower Upper
252 100
253 22.0 17.0 25.6
125 8.3 9.0 13.6#

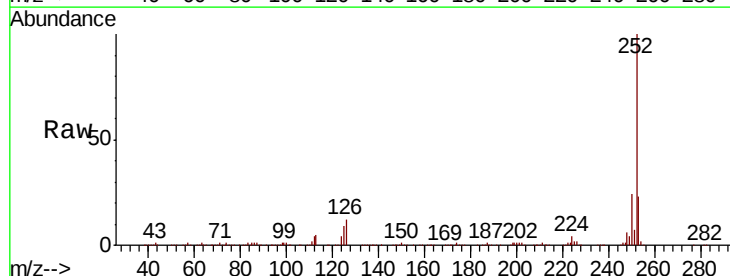


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

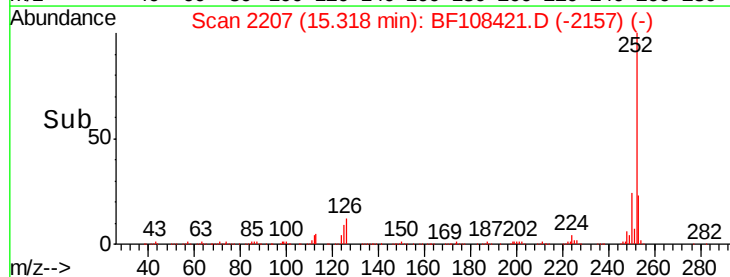
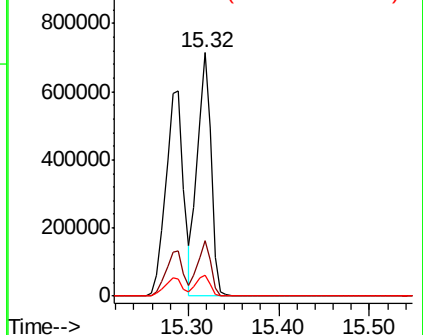


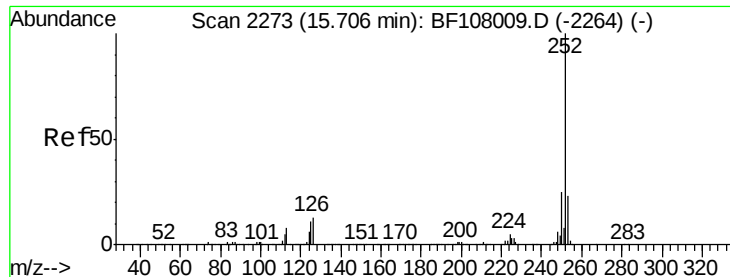
#88
Benzo(k)fluoranthene
Concen: 48.185 ng
RT: 15.32 min Scan# 2207
Delta R.T. -0.01 min
Lab File: BF108421.D
Acq: 23 Aug 2018 12:20

Tgt Ion:252 Resp: 755403
Ion Ratio Lower Upper
252 100
253 22.7 17.9 26.9
125 8.8 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

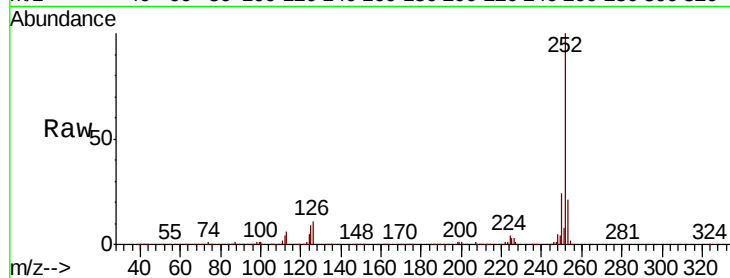




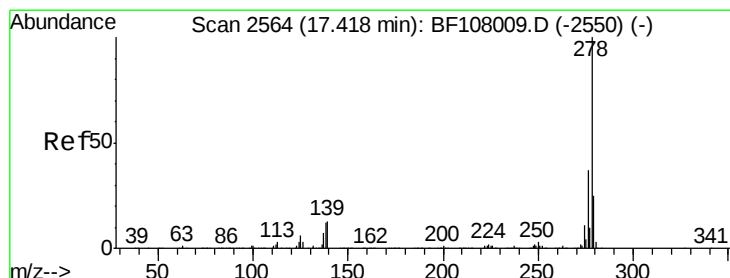
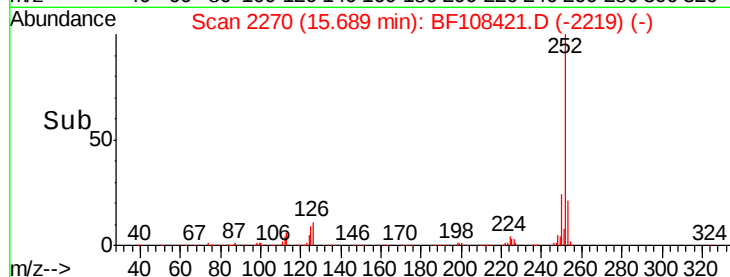
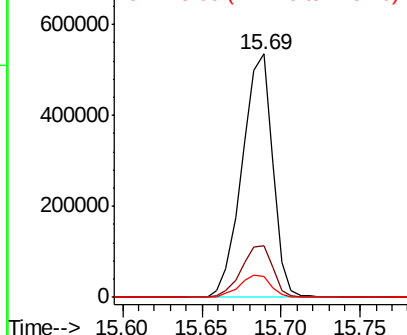
#89
Benzo(a)pyrene
Concen: 46.898 ng
RT: 15.69 min Scan# 2270
Delta R.T. -0.00 min
Lab File: BF108421.D
Acq: 23 Aug 2018 12:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.1	25.7
125	8.6	9.8	14.6

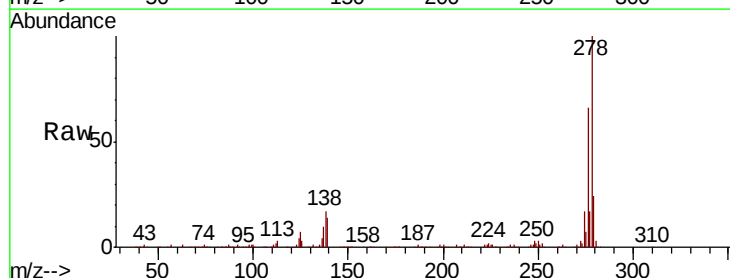


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

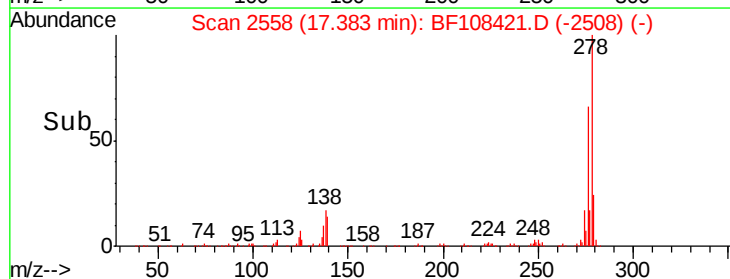
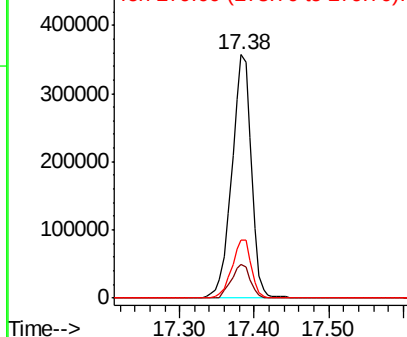


#90
Dibenzo(a,h)anthracene
Concen: 51.547 ng
RT: 17.38 min Scan# 2558
Delta R.T. -0.01 min
Lab File: BF108421.D
Acq: 23 Aug 2018 12:20

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.0	15.9	23.9
279	23.6	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

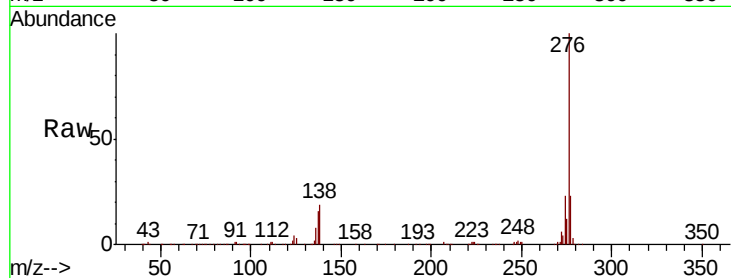




#91
 Benzo(a,h,i)perylene
 Concen: 53.286 ng
 RT: 17.87 min Scan# 2640
 Delta R.T. -0.00 min
 Lab File: BF108421.D
 Acq: 23 Aug 2018 12:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.4	17.9	26.9
138	18.9	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

