

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082318\
 Data File : BF108430.D
 Acq On : 23 Aug 2018 19:37
 Operator : JU/SJ
 Sample : PB112238BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB112238BS

Quant Time: Aug 24 01:04:34 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	134258	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	535280	20.00	ng	0.00
38) Acenaphthene-d10	10.05	164	277292	20.00	ng	0.00
63) Phenanthrene-d10	11.54	188	548737	20.00	ng	0.00
75) Chrysene-d12	14.19	240	364050	20.00	ng	0.00
86) Perylene-d12	15.74	264	292250	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.64	112	797010	107.48	ng	0.00
7) Phenol-d6	6.62	99	1067426	108.32	ng	0.00
23) Nitrobenzene-d5	7.57	82	687669	71.69	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	320123	115.74	ng	0.00
44) 2-Fluorobiphenyl	9.36	172	1362454	78.88	ng	0.00
78) Terphenyl-d14	13.12	244	1457970	101.83	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.99	88	139803	36.689	ng	90
3) Pyridine	3.74	79	385949	39.320	ng	87
4) n-Nitrosodimethylamine	3.71	42	206541	37.395	ng	# 80
6) Aniline	6.67	93	432378	32.257	ng	98
8) 2-Chlorophenol	6.79	128	359791	43.078	ng	98
9) Benzaldehyde	6.55	77	231369	30.283	ng	96
10) Phenol	6.64	94	461084	45.234	ng	88
11) bis(2-Chloroethyl)ether	6.73	93	342191	41.524	ng	91
12) 1,3-Dichlorobenzene	6.94	146	404749	41.912	ng	99
13) 1,4-Dichlorobenzene	7.02	146	410008	42.257	ng	97
14) 1,2-Dichlorobenzene	7.17	146	383385	42.479	ng	98
15) Benzyl Alcohol	7.14	79	328155	39.556	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.27	45	659596	38.853	ng	99
17) 2-Methylphenol	7.24	107	311858	43.541	ng	95
18) Hexachloroethane	7.51	117	149092	43.161	ng	90
19) n-Nitroso-di-n-propylamine	7.41	70	268781	40.334	ng	90
20) 3+4-Methylphenols	7.40	107	380582	41.465	ng	# 86
22) Acetophenone	7.41	105	518009	41.387	ng	# 93
24) Nitrobenzene	7.58	77	404828	41.734	ng	96
25) Isophorone	7.82	82	739598	40.451	ng	98
26) 2-Nitrophenol	7.90	139	178333	48.682	ng	# 86
27) 2,4-Dimethylphenol	7.92	122	340093	41.910	ng	95
28) bis(2-Chloroethoxy)methane	8.02	93	446276	41.811	ng	99
29) 2,4-Dichlorophenol	8.14	162	323644	43.338	ng	98
30) 1,2,4-Trichlorobenzene	8.22	180	346370	42.068	ng	97
31) Naphthalene	8.31	128	1041063	42.766	ng	99
32) Benzoic acid	8.04	122	147043	33.314	ng	95
33) 4-Chloroaniline	8.35	127	219747	20.714	ng	96
34) Hexachlorobutadiene	8.41	225	222905	42.765	ng	100
35) Caprolactam	8.72	113	58293	24.909	ng	# 81
36) 4-Chloro-3-methylphenol	8.83	107	344677	42.784	ng	97
37) 2-Methylnaphthalene	9.00	142	728205	42.280	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.17	216	371815	43.664	ng	98
40) Hexachlorocyclopentadiene	9.15	237	376620	68.474	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.28	196	239690	45.360	ng	98
43) 2,4,5-Trichlorophenol	9.32	196	259016	44.528	ng	93
45) 1,1'-Biphenyl	9.46	154	899753	44.009	ng	99
46) 2-Chloronaphthalene	9.49	162	695336	43.032	ng	99
47) 2-Nitroaniline	9.59	65	231196	44.220	ng	92
48) Acenaphthylene	9.91	152	1105964	43.293	ng	99
49) Dimethylphthalate	9.76	163	819751	42.440	ng	99
50) 2,6-Dinitrotoluene	9.82	165	180096	44.565	ng	88
51) Acenaphthene	10.08	154	648078	41.420	ng	100
52) 3-Nitroaniline	10.00	138	126316	28.568	ng	98
53) 2,4-Dinitrophenol	10.11	184	120317	79.593	ng	# 22
54) Dibenzofuran	10.25	168	962828	42.474	ng	96
55) 4-Nitrophenol	10.16	139	254139	75.902	ng	83
56) 2,4-Dinitrotoluene	10.24	165	239615	46.064	ng	# 99
57) Fluorene	10.60	166	774648	43.168	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.37	232	222380	45.739	ng	# 85
59) Diethylphthalate	10.46	149	798341	42.683	ng	96
60) 4-Chlorophenyl-phenylether	10.58	204	396271	42.379	ng	93
61) 4-Nitroaniline	10.62	138	184666	42.243	ng	90
62) Azobenzene	10.75	77	808750	41.869	ng	93
64) 4,6-Dinitro-2-methylphenol	10.65	198	85430	42.197	ng	77
65) n-Nitrosodiphenylamine	10.71	169	692582	42.711	ng	97
66) 4-Bromophenyl-phenylether	11.08	248	257583	43.195	ng	# 87
67) Hexachlorobenzene	11.15	284	265713	42.349	ng	# 87
68) Atrazine	11.23	200	233972	43.019	ng	95
69) Pentachlorophenol	11.34	266	242996	80.913	ng	97
70) Phenanthrene	11.57	178	1124915	43.463	ng	99
71) Anthracene	11.62	178	1156558	43.599	ng	100
72) Carbazole	11.77	167	980206	41.589	ng	100
73) Di-n-butylphthalate	12.08	149	1210111	45.329	ng	99
74) Fluoranthene	12.76	202	1195913	42.338	ng	96
76) Benzidine	12.88	184	520193	38.244	ng	99
77) Pyrene	12.99	202	1186903	51.497	ng	99
79) Butylbenzylphthalate	13.59	149	462982	50.588	ng	# 96
80) Benzo(a)anthracene	14.18	228	906404	43.384	ng	99
81) 3,3'-Dichlorobenzidine	14.14	252	151882	20.285	ng	# 97
82) Chrysene	14.22	228	823706	43.004	ng	99
83) Bis(2-ethylhexyl)phthalate	14.14	149	588042	47.447	ng	99
84) Di-n-octyl phthalate	14.77	149	825519	43.675	ng	97
85) Indeno(1,2,3-cd)pyrene	17.36	276	789954	47.598	ng	# 91
87) Benzo(b)fluoranthene	15.28	252	720690	41.269	ng	# 97
88) Benzo(k)fluoranthene	15.31	252	652640	40.656	ng	# 96
89) Benzo(a)pyrene	15.68	252	662142	42.343	ng	97
90) Dibenzo(a,h)anthracene	17.38	278	662663	51.215	ng	# 92
91) Benzo(g,h,i)perylene	17.85	276	669049	52.513	ng	# 90

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

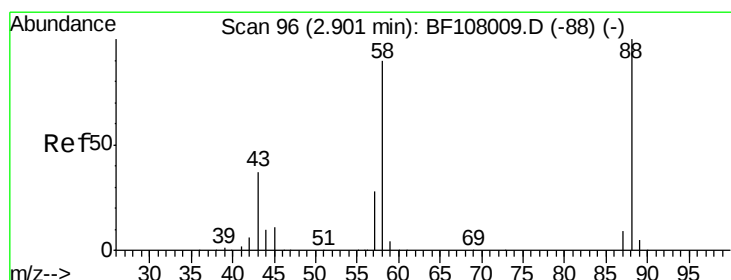
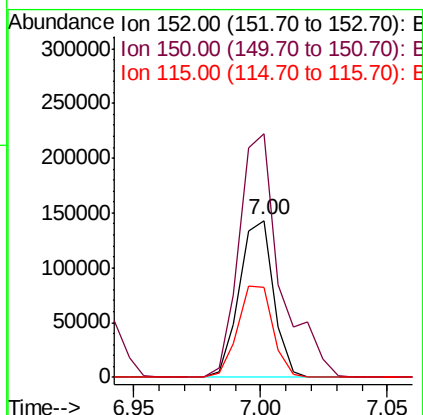
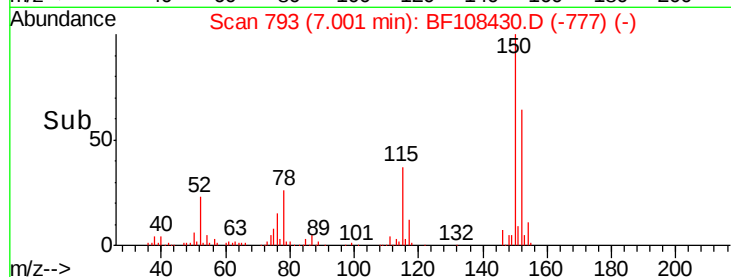
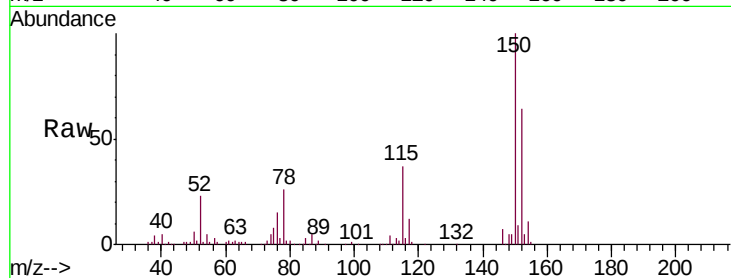


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108430.D
Acq: 23 Aug 2018 19:37

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ClientSampleId :
PB112238BS

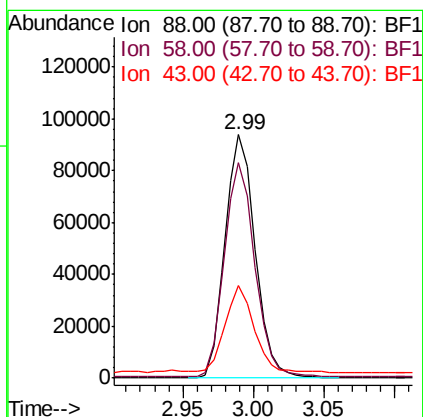
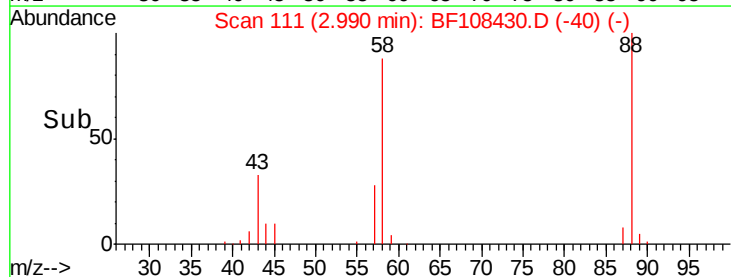
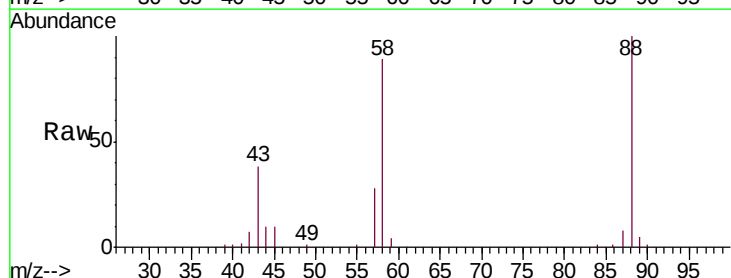
Tgt Ion:152 Resp: 134258
Ion Ratio Lower Upper
152 100
150 155.2 124.6 186.8
115 57.1 50.1 75.1

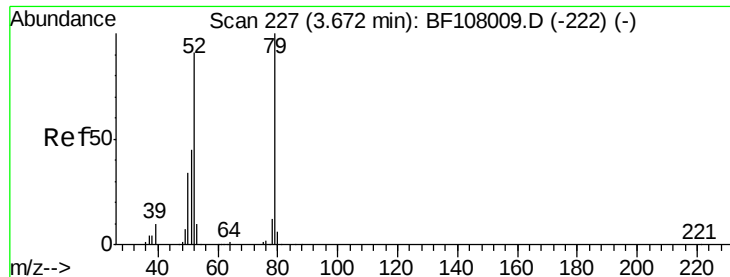


#2

1,4-Dioxane
Concen: 36.689 ng
RT: 2.99 min Scan# 111
Delta R.T. 0.12 min
Lab File: BF108430.D
Acq: 23 Aug 2018 19:37

Tgt Ion: 88 Resp: 139803
Ion Ratio Lower Upper
88 100
58 88.0 62.6 93.8
43 34.4 24.6 37.0





#3

Pyridine

Concen: 39.320 ng

RT: 3.74 min Scan# 239

Delta R.T. 0.08 min

Lab File: BF108430.D

Acq: 23 Aug 2018 19:37

Instrument :

BNA_F

ClientSampleId :

PB112238BS

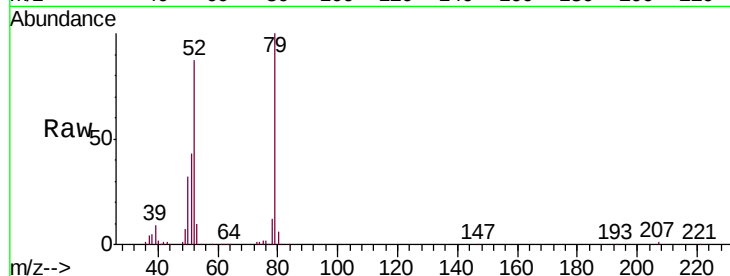
Tgt Ion: 79 Resp: 385949

Ion Ratio Lower Upper

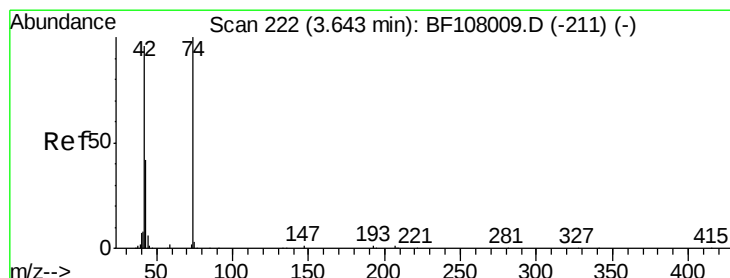
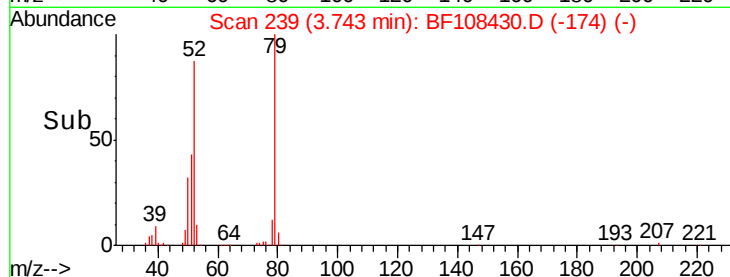
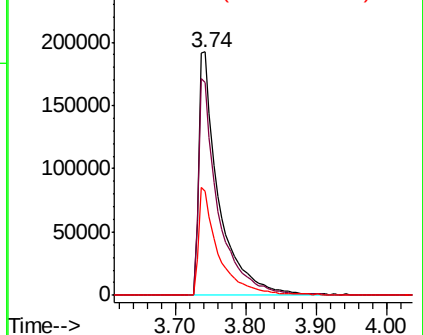
79 100

52 87.3 59.8 89.6

51 42.5 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 37.395 ng

RT: 3.71 min Scan# 233

Delta R.T. 0.08 min

Lab File: BF108430.D

Acq: 23 Aug 2018 19:37

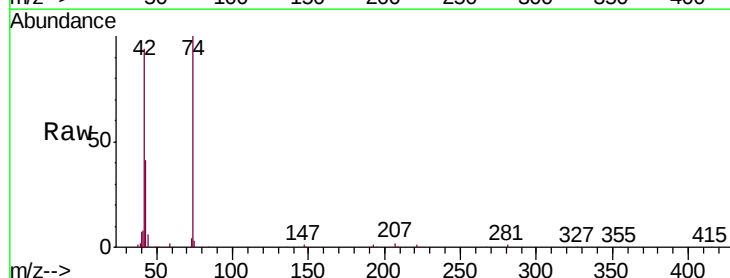
Tgt Ion: 42 Resp: 206541

Ion Ratio Lower Upper

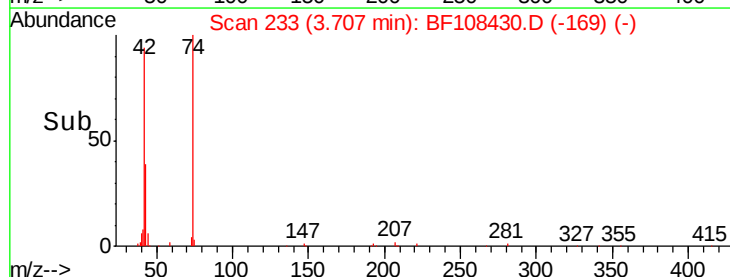
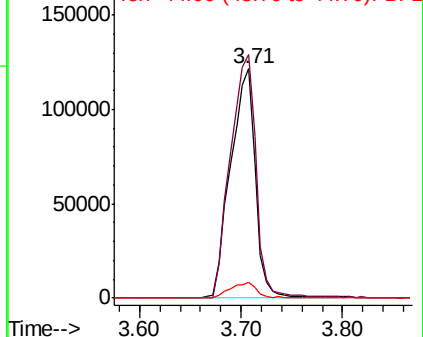
42 100

74 106.1 104.9 157.3

44 6.8 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: 107.476 ng

RT: 5.64 min Scan# 561

Delta R.T. 0.01 min

Lab File: BF108430.D

Acq: 23 Aug 2018 19:37

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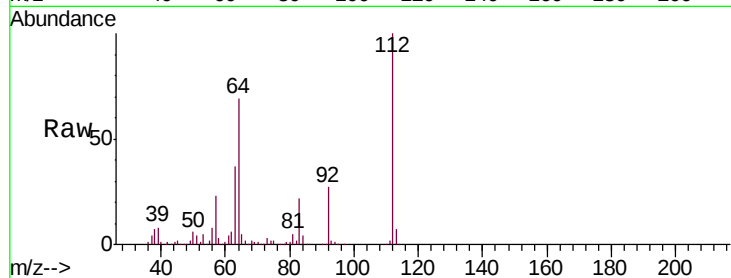
Tgt Ion: 112 Resp: 797010

Ion Ratio Lower Upper

112 100

64 69.3 47.9 71.9

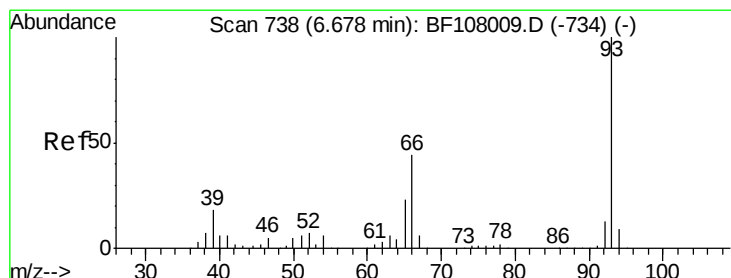
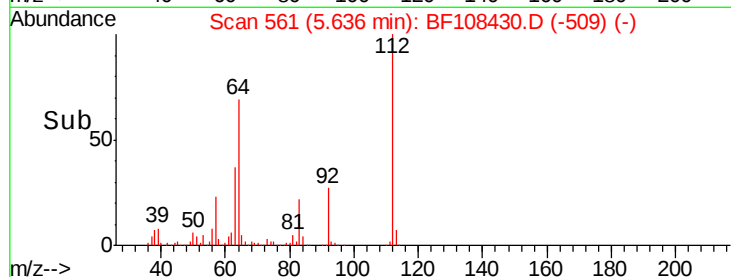
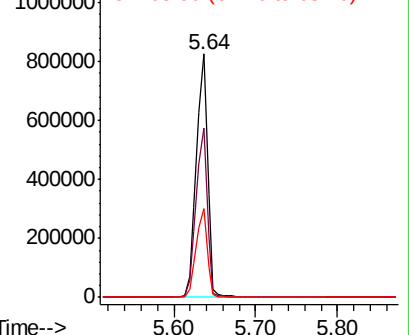
63 36.5 23.7 35.5#



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: 32.257 ng

RT: 6.67 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF108430.D

Acq: 23 Aug 2018 19:37

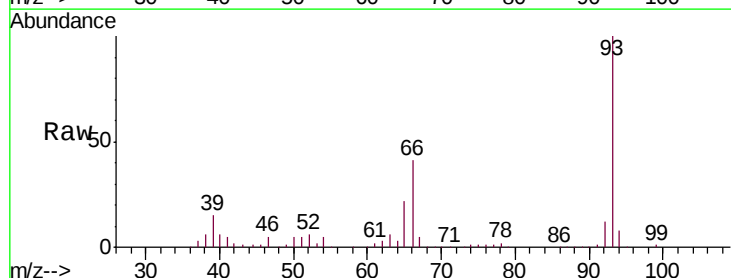
Tgt Ion: 93 Resp: 432378

Ion Ratio Lower Upper

93 100

66 41.3 32.2 48.2

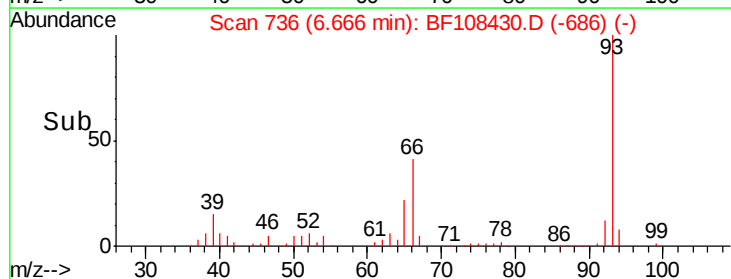
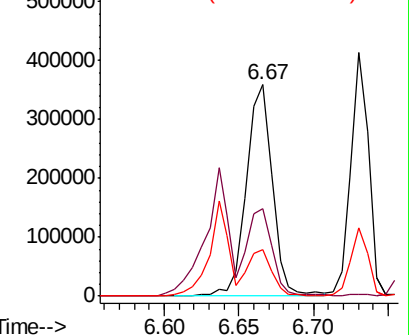
65 22.3 16.4 24.6

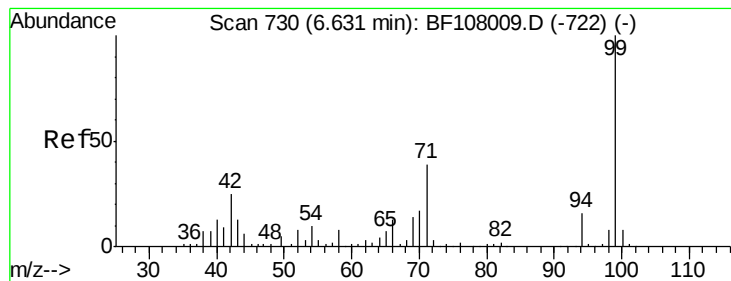


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 108.319 ng

RT: 6.62 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF108430.D

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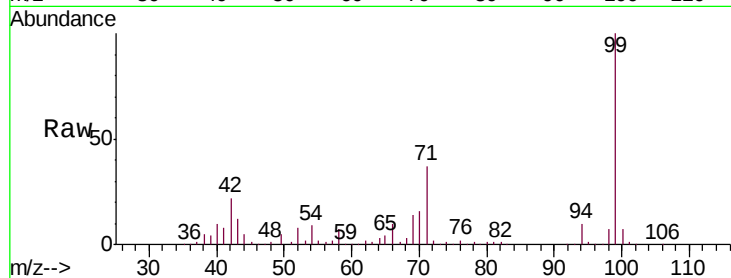
Tgt Ion: 99 Resp: 1067426

Ion Ratio Lower Upper

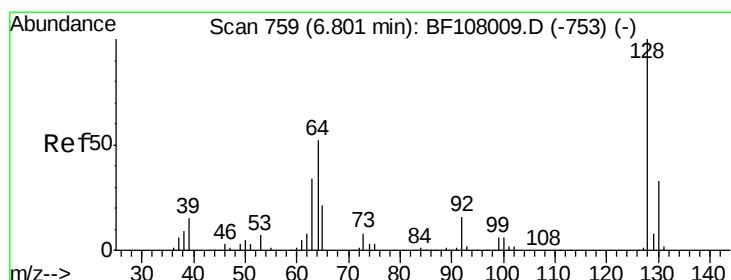
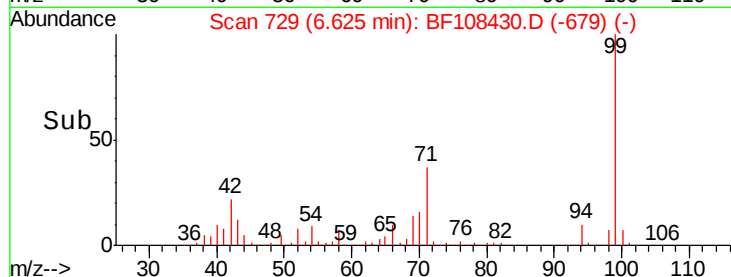
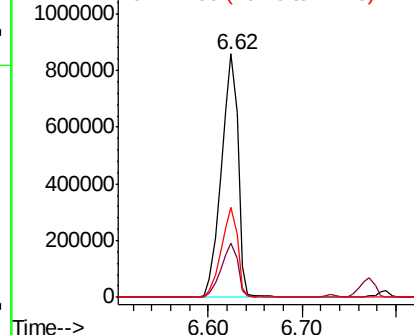
99 100

42 22.5 14.5 21.7#

71 37.2 25.4 38.0



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



#8

2-Chlorophenol

Concen: 43.078 ng

RT: 6.79 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF108430.D

Acq: 23 Aug 2018 19:37

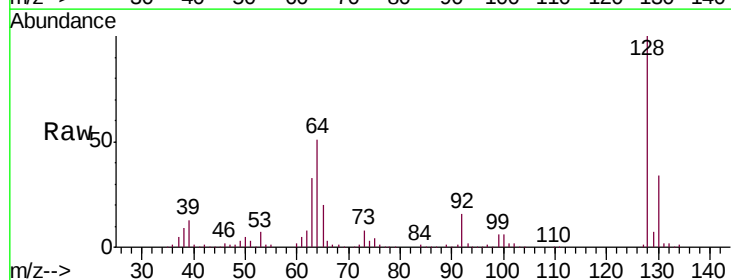
Tgt Ion: 128 Resp: 359791

Ion Ratio Lower Upper

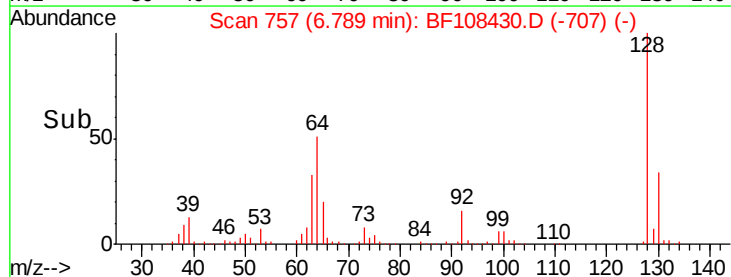
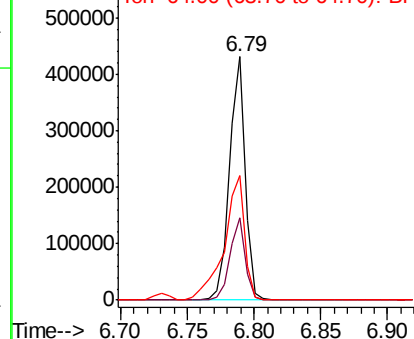
128 100

130 34.0 13.0 53.0

64 51.2 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

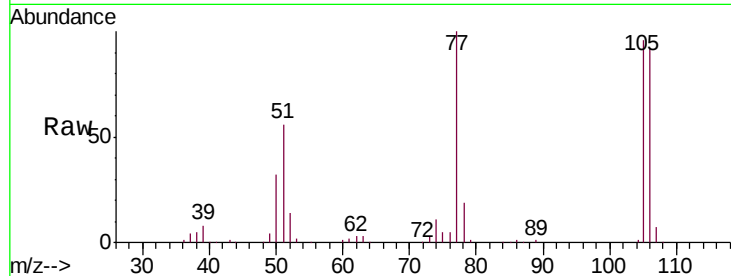




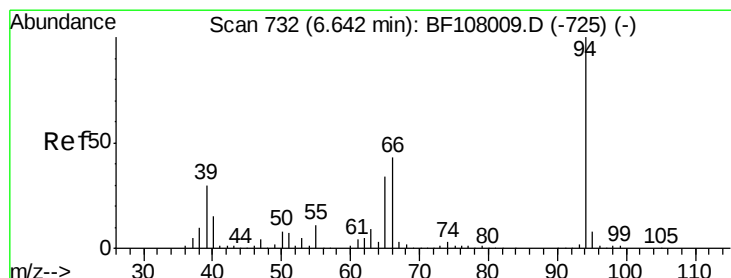
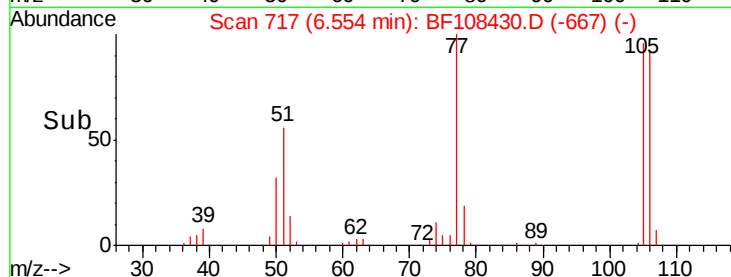
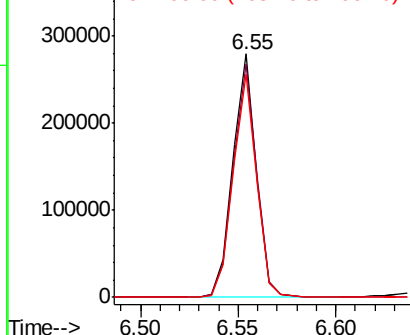
#9
Benzaldehyde
Concen: 30.283 ng
RT: 6.55 min Scan# 717
Delta R.T. -0.01 min
Lab File: BF108430.D
Acq: 23 Aug 2018 19:37

Instrument :
BNA_F
ClientSampleId :
PB112238BS

Tgt Ion: 77 Resp: 231369
Ion Ratio Lower Upper
77 100
105 96.0 81.1 121.1
106 91.8 74.5 114.5

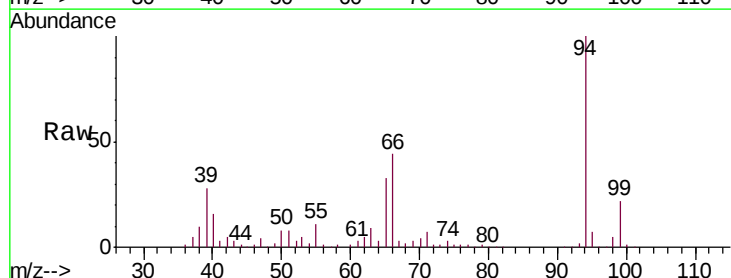


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1

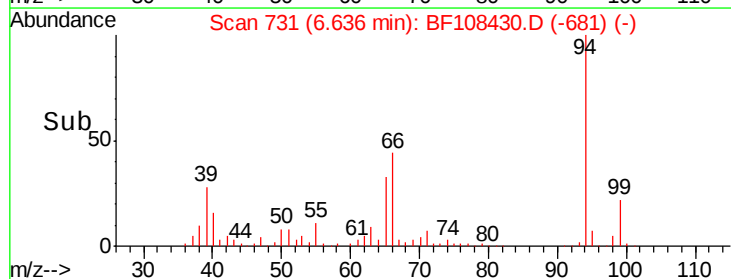
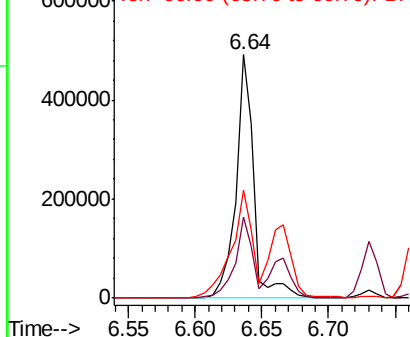


#10
Phenol
Concen: 45.234 ng
RT: 6.64 min Scan# 731
Delta R.T. -0.01 min
Lab File: BF108430.D
Acq: 23 Aug 2018 19:37

Tgt Ion: 94 Resp: 461084
Ion Ratio Lower Upper
94 100
65 33.1 7.9 47.9
66 44.3 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

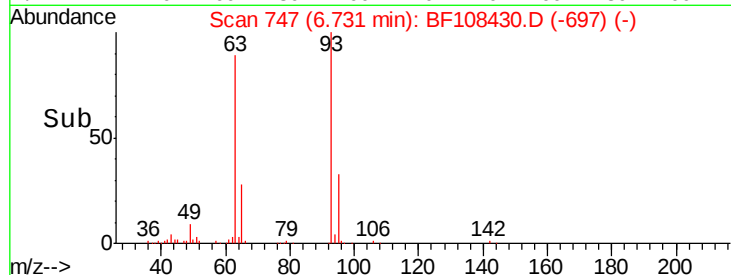
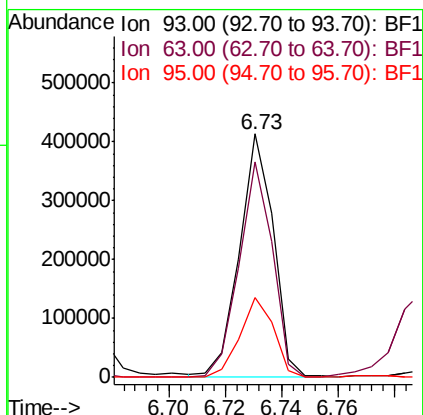
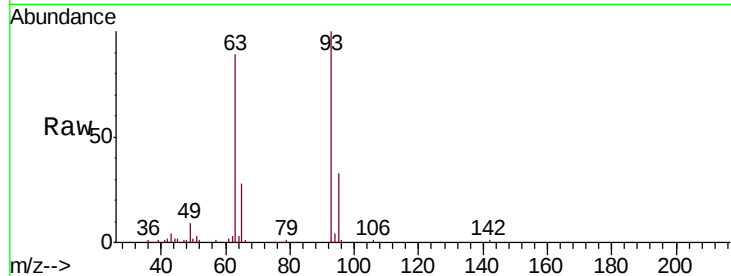




#11
 bis(2-Chloroethyl)ether
 Concen: 41.524 ng
 RT: 6.73 min Scan# 747
 Delta R.T. -0.01 min
 Lab File: BF108430.D
 Acq: 23 Aug 2018 19:37

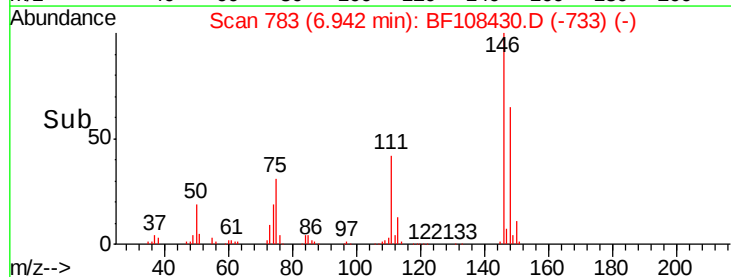
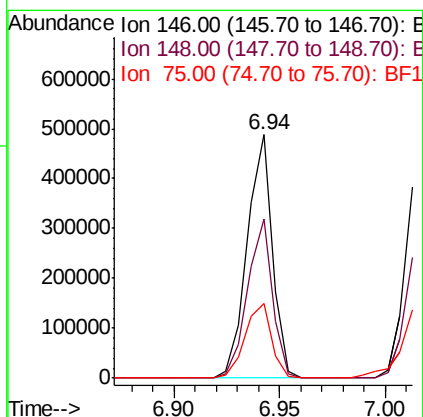
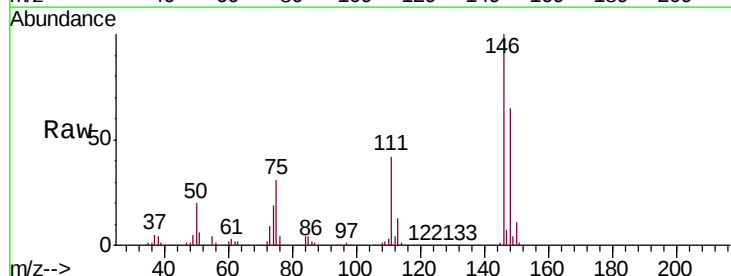
Instrument :
 BNA_F
 ClientSampleId :
 PB112238BS

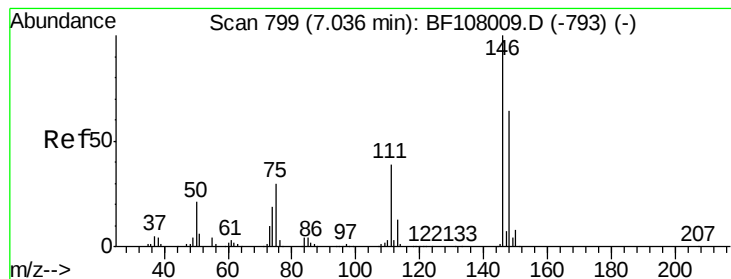
Tgt Ion: 93 Resp: 342191
 Ion Ratio Lower Upper
 93 100
 63 88.7 58.6 98.6
 95 32.8 11.8 51.8



#12
 1,3-Dichlorobenzene
 Concen: 41.912 ng
 RT: 6.94 min Scan# 783
 Delta R.T. -0.01 min
 Lab File: BF108430.D
 Acq: 23 Aug 2018 19:37

Tgt Ion: 146 Resp: 404749
 Ion Ratio Lower Upper
 146 100
 148 65.2 51.8 77.8
 75 30.9 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 42.257 ng

RT: 7.02 min Scan# 796

Delta R.T. -0.01 min

Lab File: BF108430.D

Acq: 23 Aug 2018 19:37

Instrument :

BNA_F

ClientSampleId :

PB112238BS

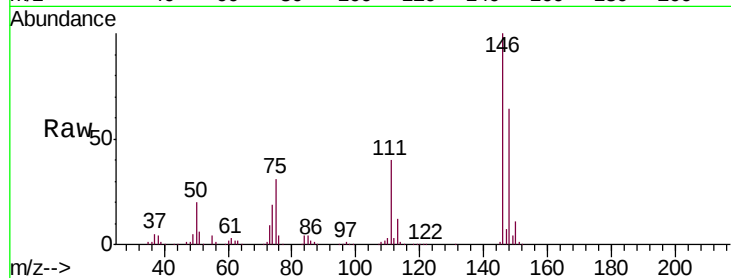
Tgt Ion:146 Resp: 410008

Ion Ratio Lower Upper

146 100

148 64.4 50.8 76.2

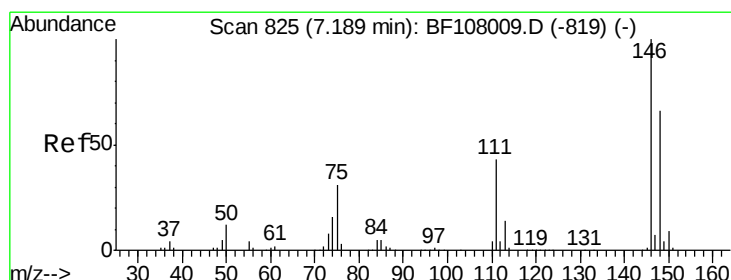
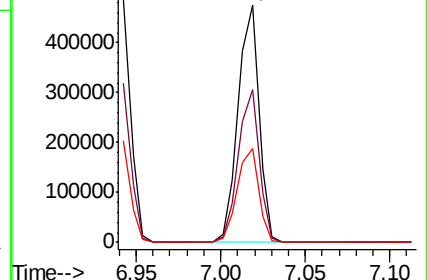
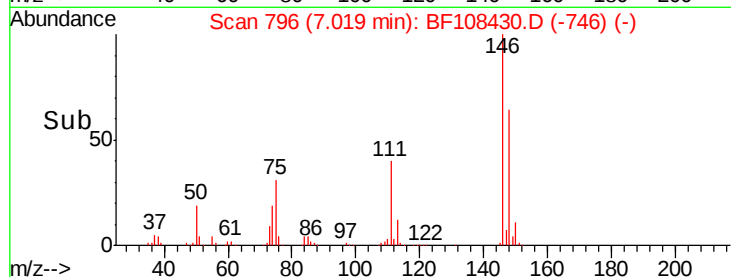
111 39.6 34.2 51.2



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: 42.479 ng

RT: 7.17 min Scan# 822

Delta R.T. -0.01 min

Lab File: BF108430.D

Acq: 23 Aug 2018 19:37

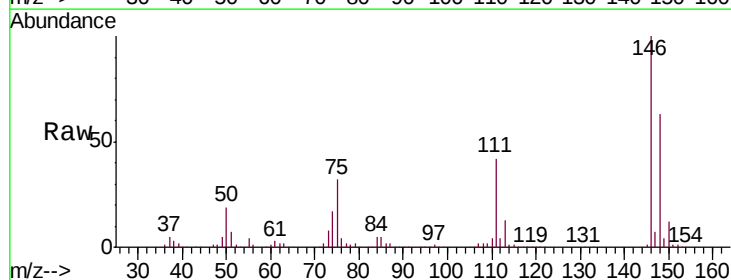
Tgt Ion:146 Resp: 383385

Ion Ratio Lower Upper

146 100

148 62.9 50.6 75.8

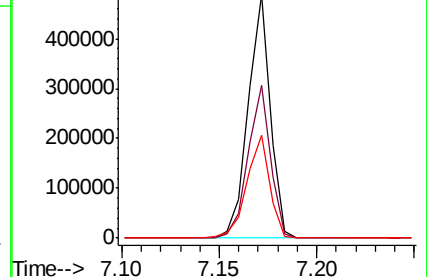
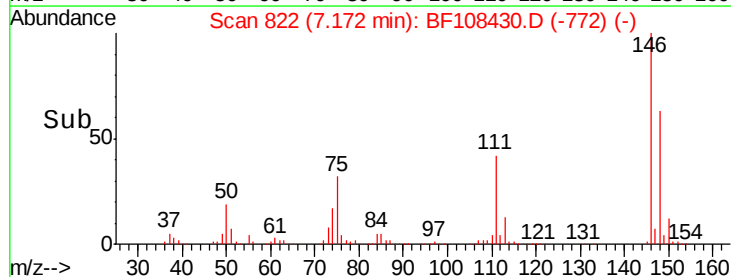
111 42.5 36.0 54.0

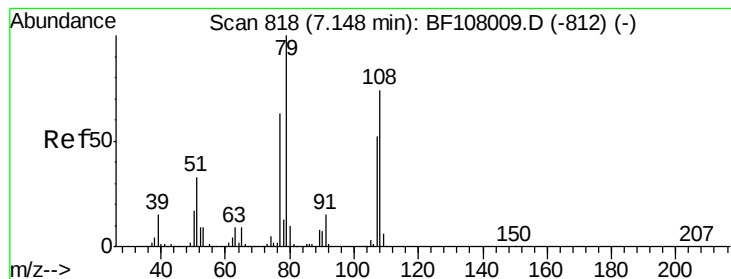


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 39.556 ng

RT: 7.14 min Scan# 816

Delta R.T. -0.01 min

Lab File: BF108430.D

Acq: 23 Aug 2018 19:37

Instrument :

BNA_F

ClientSampleId :

PB112238BS

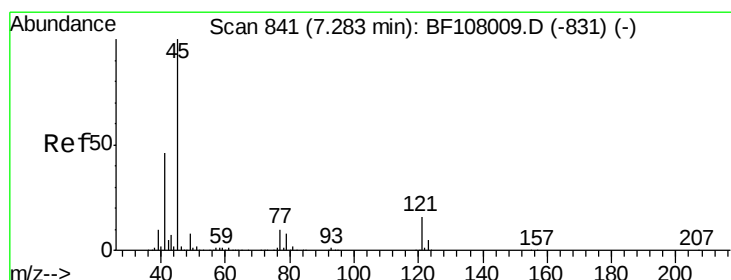
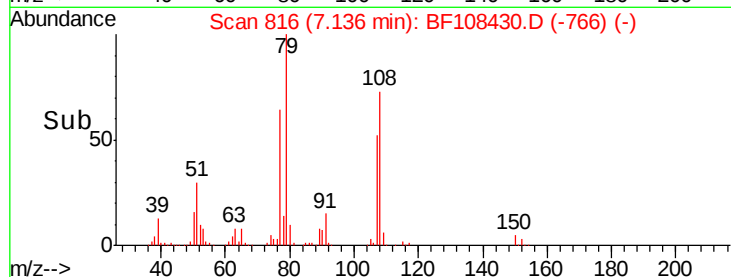
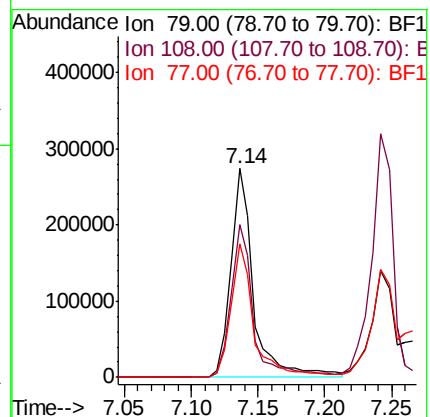
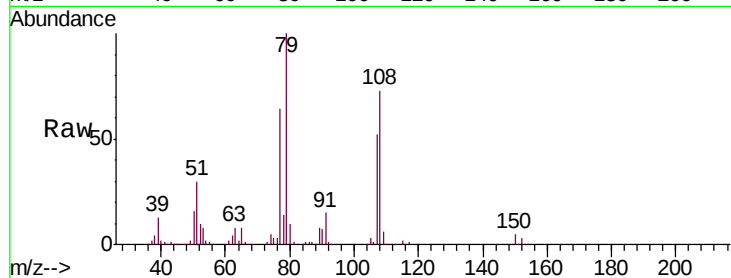
Tgt Ion: 79 Resp: 328155

Ion Ratio Lower Upper

79 100

108 73.1 65.1 97.7

77 64.0 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.853 ng

RT: 7.27 min Scan# 838

Delta R.T. -0.01 min

Lab File: BF108430.D

Acq: 23 Aug 2018 19:37

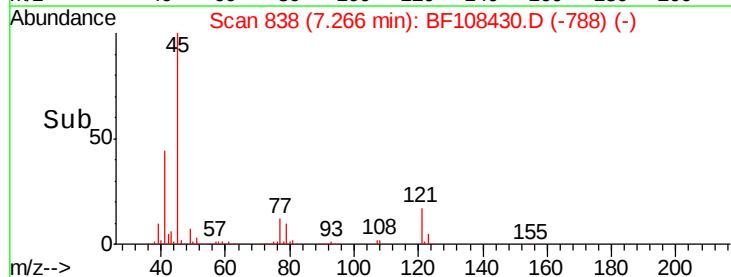
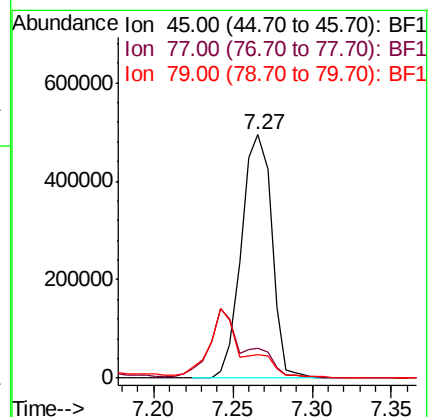
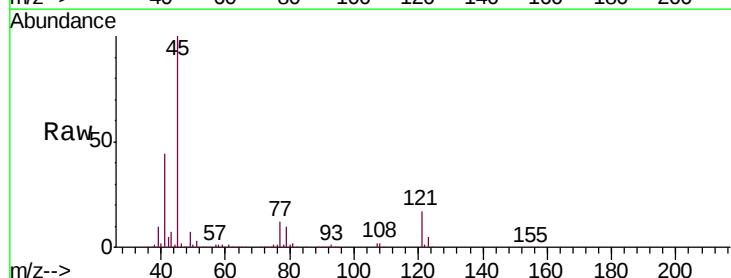
Tgt Ion: 45 Resp: 659596

Ion Ratio Lower Upper

45 100

77 12.5 0.0 32.9

79 9.8 0.0 29.6





#17

2-Methylphenol

Concen: 43.541 ng

RT: 7.24 min Scan# 834

Delta R.T. -0.01 min

Lab File: BF108430.D

Acq: 23 Aug 2018 19:37

Instrument :

BNA_F

ClientSampleId :

PB112238BS

Tgt Ion:107 Resp: 311858

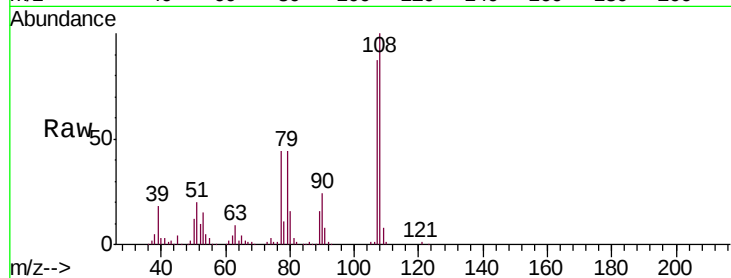
Ion Ratio Lower Upper

107 100

108 114.6 91.7 137.5

77 50.5 33.8 50.8

79 50.3 33.8 50.8

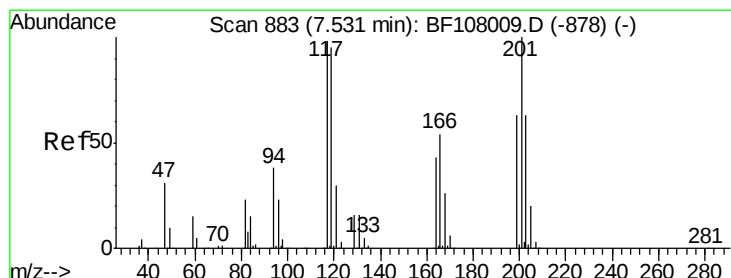
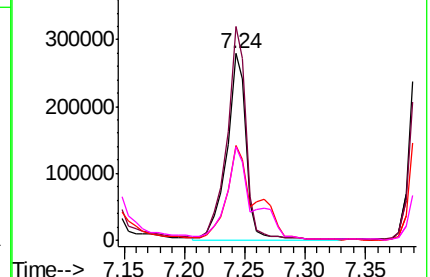
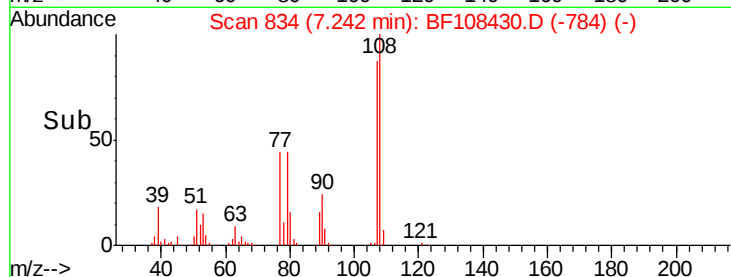


Abundance Ion 107.00 (106.70 to 107.70): E

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: 43.161 ng

RT: 7.51 min Scan# 880

Delta R.T. -0.01 min

Lab File: BF108430.D

Acq: 23 Aug 2018 19:37

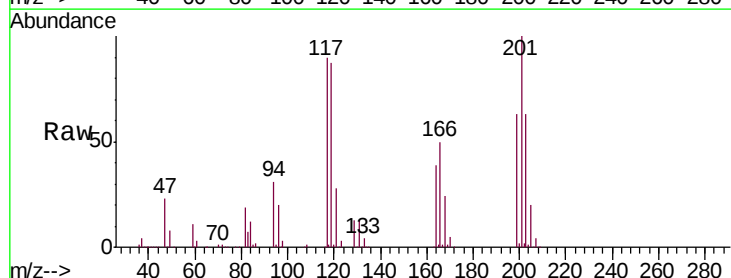
Tgt Ion:117 Resp: 149092

Ion Ratio Lower Upper

117 100

119 96.6 75.8 113.8

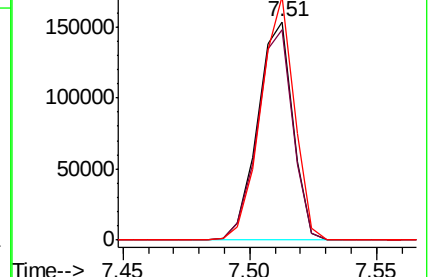
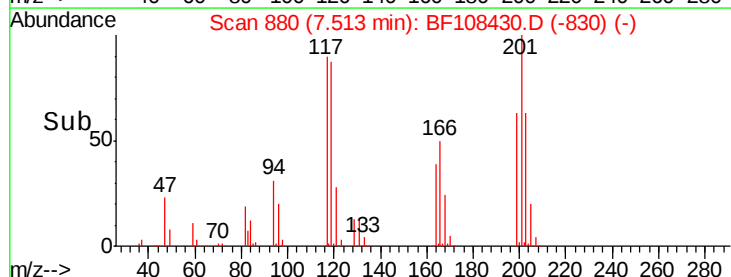
201 111.6 75.7 113.5



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

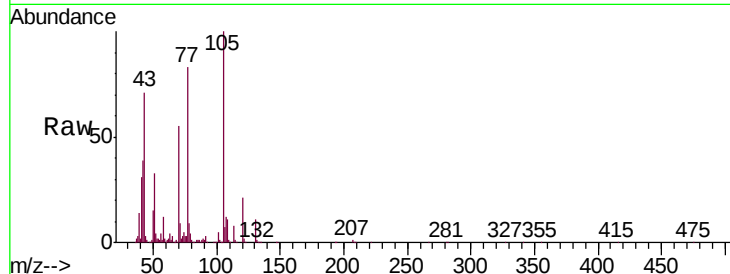




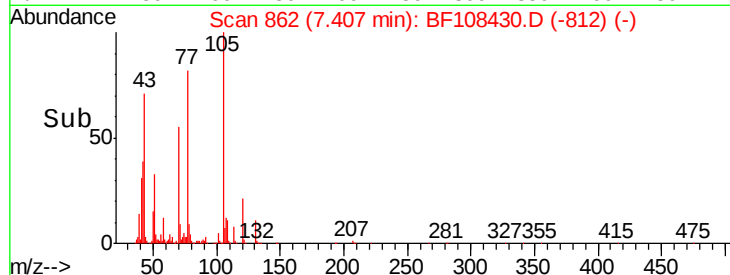
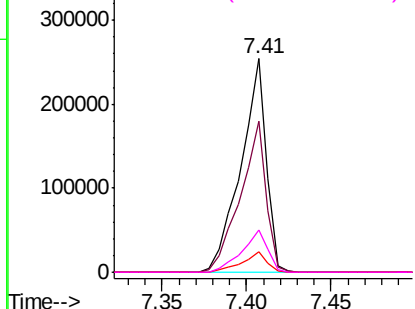
#19
n-Nitroso-di-n-propylamine
Concen: 40.334 ng
RT: 7.41 min Scan# 862
Delta R.T. -0.01 min
Lab File: BF108430.D
Acq: 23 Aug 2018 19:37

Instrument :
BNA_F
ClientSampleId :
PB112238BS

Tgt Ion: 70 Resp: 268781
Ion Ratio Lower Upper
70 100
42 70.7 47.5 71.3
101 9.8 7.4 11.2
130 20.1 16.6 25.0



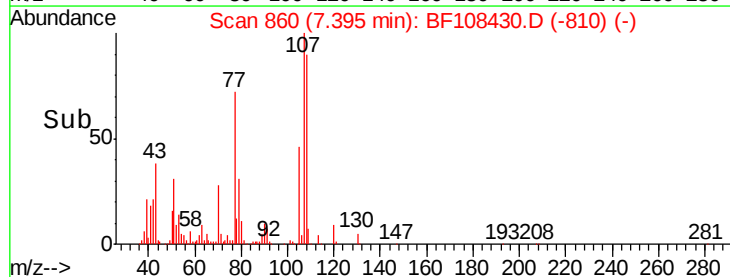
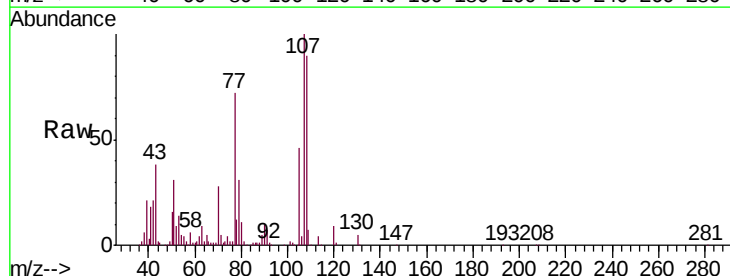
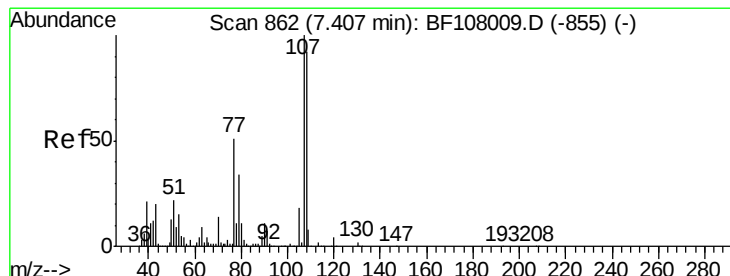
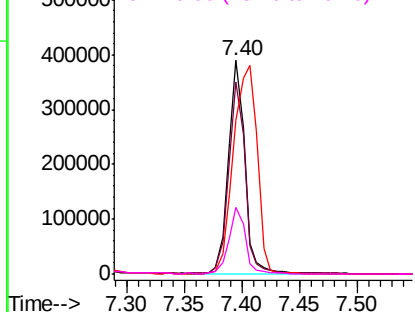
Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

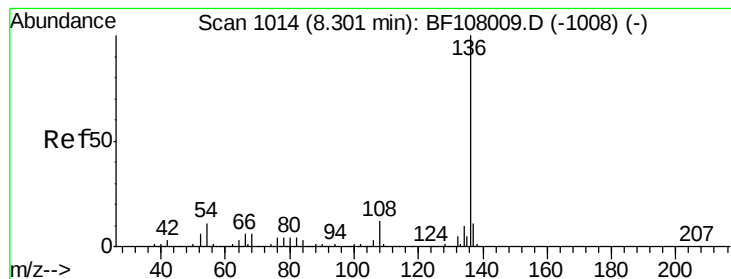


#20
3+4-Methylphenols
Concen: 41.465 ng
RT: 7.40 min Scan# 860
Delta R.T. -0.01 min
Lab File: BF108430.D
Acq: 23 Aug 2018 19:37

Tgt Ion: 107 Resp: 380582
Ion Ratio Lower Upper
107 100
108 90.2 68.2 108.2
77 71.8 26.7 66.7#
79 31.0 6.3 46.3

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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.28 min Scan# 1011

Delta R.T. -0.01 min

Lab File: BF108430.D

Acq: 23 Aug 2018 19:37

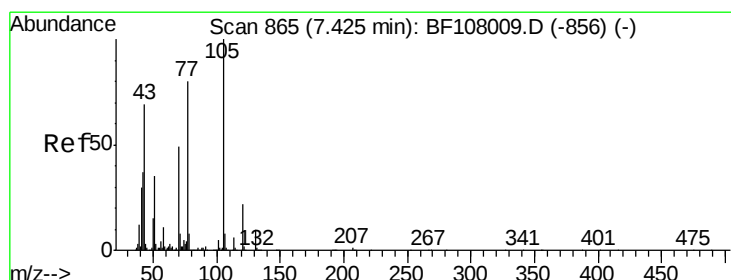
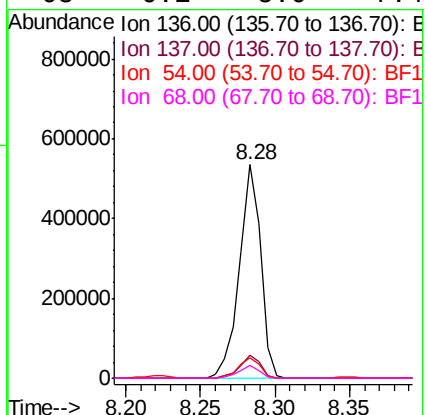
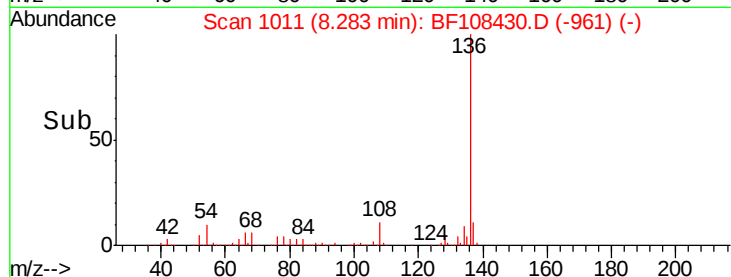
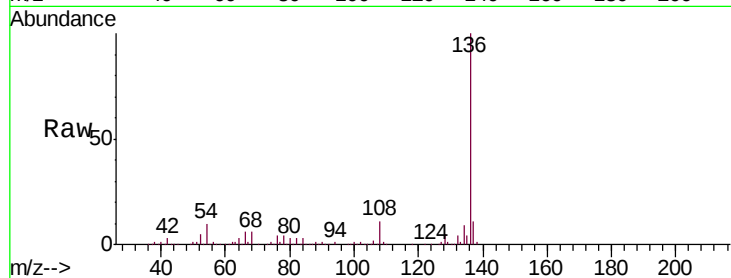
Instrument :

BNA_F

ClientSampleId :

PB112238BS

Tgt Ion:	136	Resp:	535280
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	9.9	6.6	9.8#
68	6.1	5.0	7.4



#22

Acetophenone

Concen: 41.387 ng

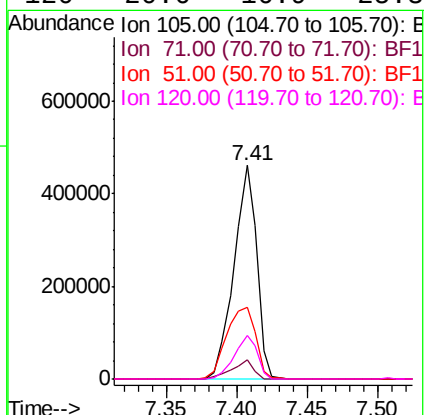
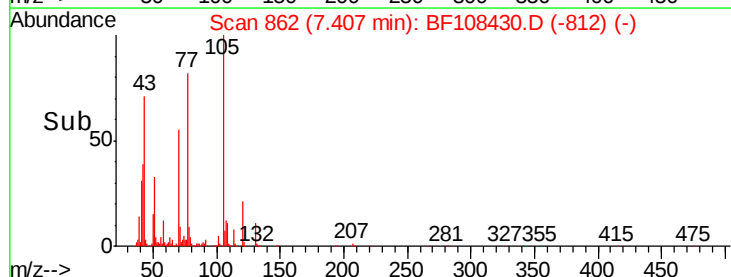
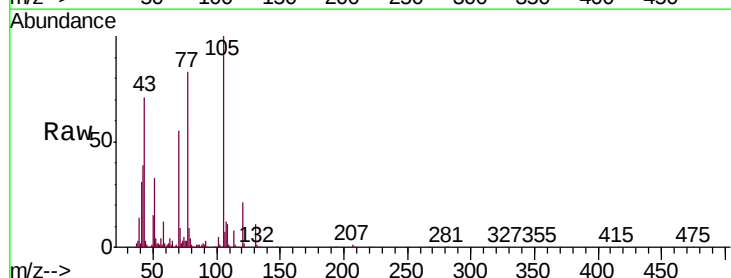
RT: 7.41 min Scan# 862

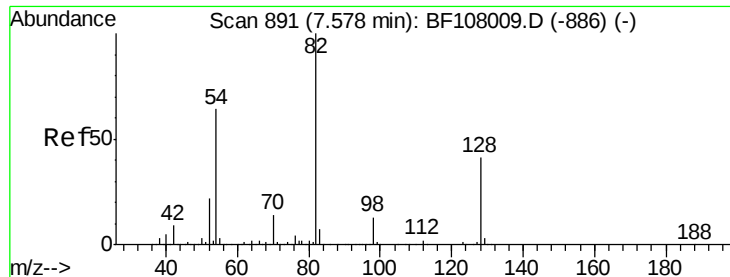
Delta R.T. -0.01 min

Lab File: BF108430.D

Acq: 23 Aug 2018 19:37

Tgt Ion:	105	Resp:	518009
Ion	Ratio	Lower	Upper
105	100		
71	8.8	4.4	6.6#
51	33.5	22.3	33.5#
120	20.6	16.9	25.3

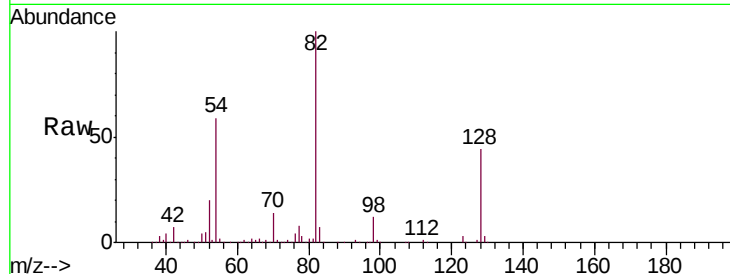




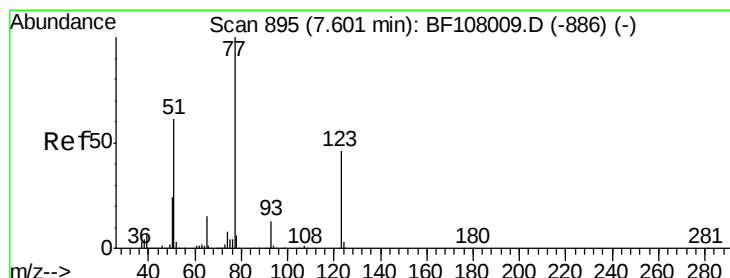
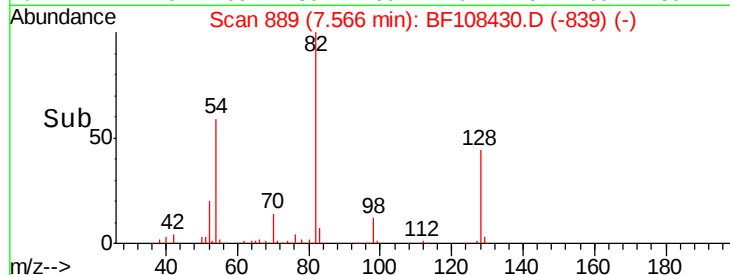
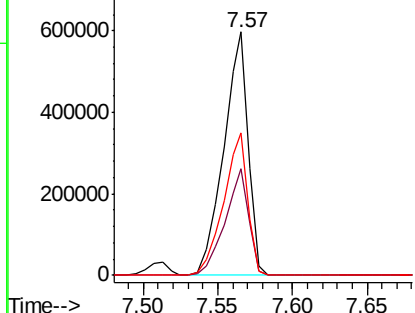
#23
 Nitrobenzene-d5
 Concen: 71.688 ng
 RT: 7.57 min Scan# 889
 Delta R.T. -0.01 min
 Lab File: BF108430.D
 Acq: 23 Aug 2018 19:37

Instrument :
 BNA_F
 ClientSampleId :
 PB112238BS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.7	36.1	54.1
54	58.7	41.4	62.2

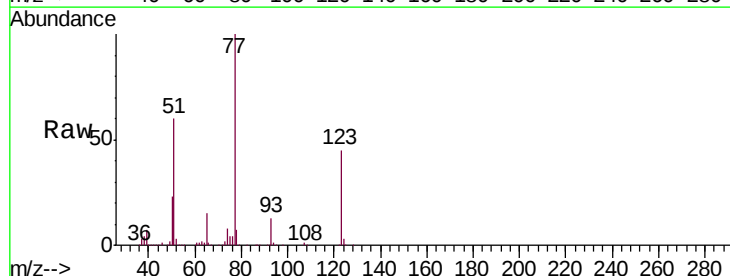


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

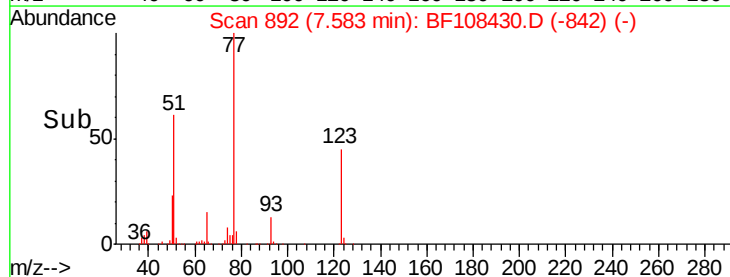
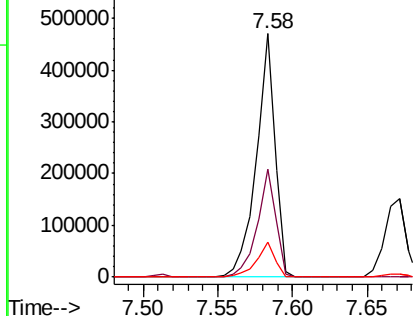


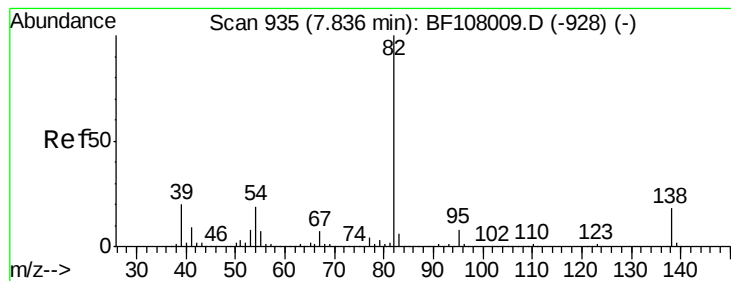
#24
 Nitrobenzene
 Concen: 41.734 ng
 RT: 7.58 min Scan# 892
 Delta R.T. -0.01 min
 Lab File: BF108430.D
 Acq: 23 Aug 2018 19:37

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.6	37.9	56.9
65	14.6	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: 40.451 ng

RT: 7.82 min Scan# 932

Delta R.T. -0.01 min

Lab File: BF108430.D

Acq: 23 Aug 2018 19:37

Instrument :

BNA_F

ClientSampleId :

PB112238BS

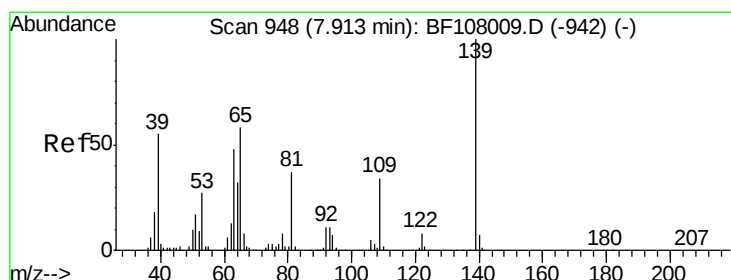
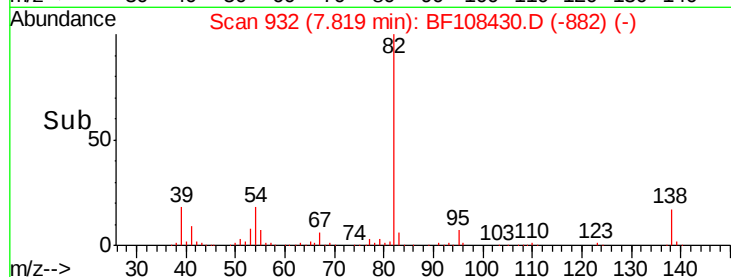
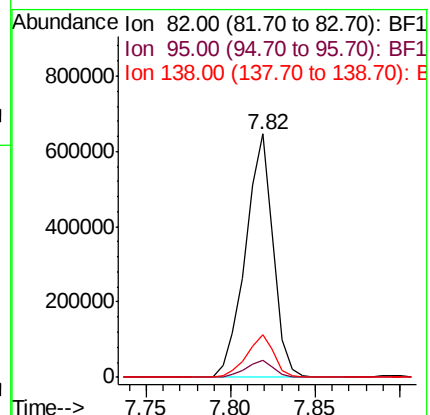
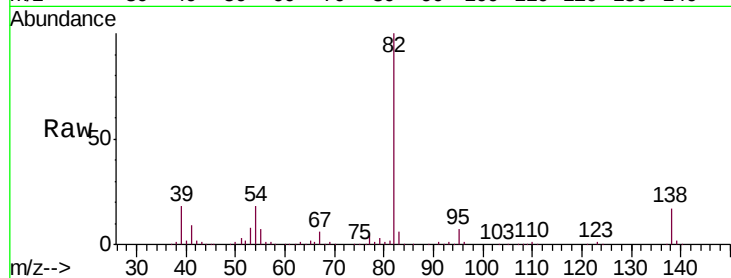
Tgt Ion: 82 Resp: 739598

Ion Ratio Lower Upper

82 100

95 7.1 5.2 7.8

138 17.4 14.9 22.3



#26

2-Nitrophenol

Concen: 48.682 ng

RT: 7.90 min Scan# 945

Delta R.T. -0.01 min

Lab File: BF108430.D

Acq: 23 Aug 2018 19:37

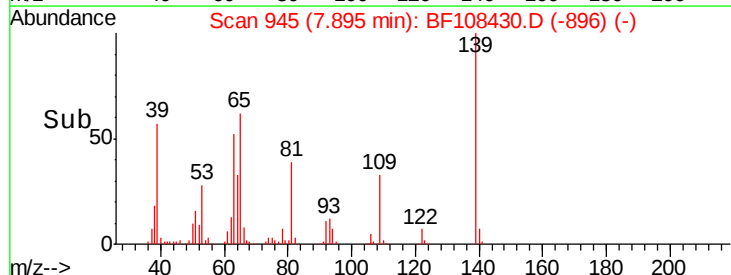
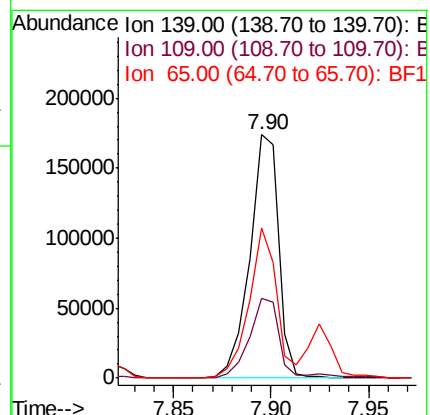
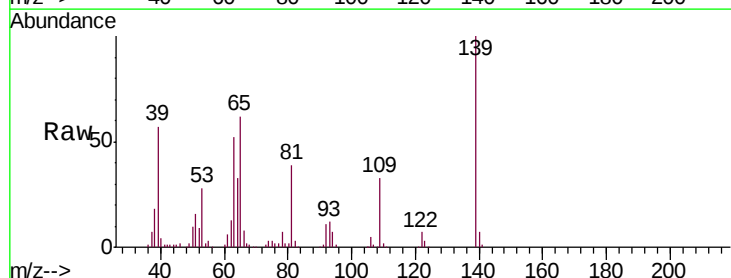
Tgt Ion: 139 Resp: 178333

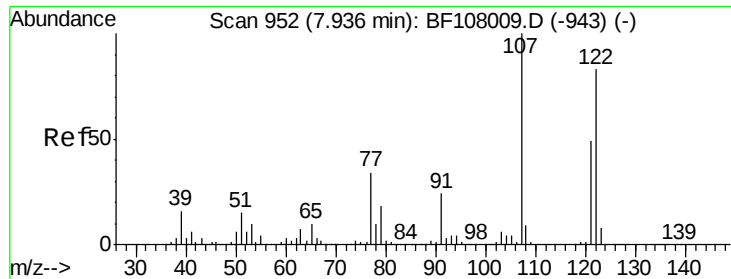
Ion Ratio Lower Upper

139 100

109 33.0 22.7 34.1

65 61.9 40.5 60.7#

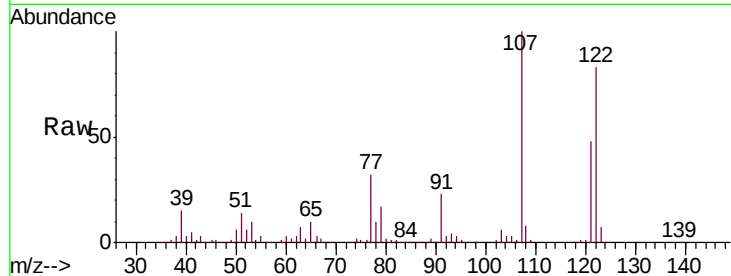




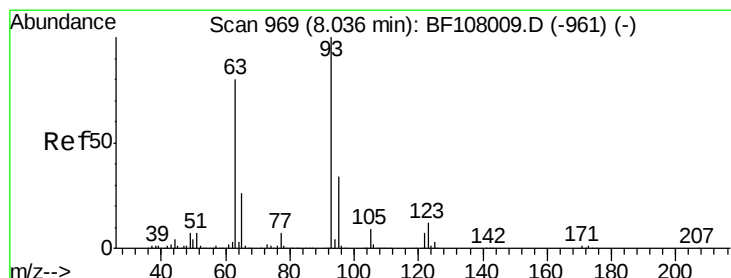
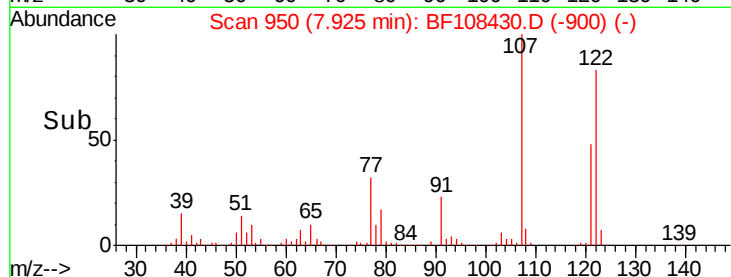
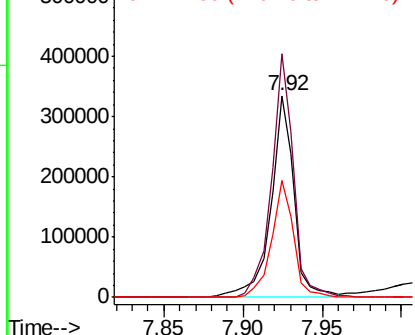
#27
 2,4-Dimethylphenol
 Concen: 41.910 ng
 RT: 7.92 min Scan# 950
 Delta R.T. -0.01 min
 Lab File: BF108430.D
 Acq: 23 Aug 2018 19:37

Instrument :
 BNA_F
 ClientSampleID :
 PB112238BS

Tgt Ion:122 Resp: 340093
 Ion Ratio Lower Upper
 122 100
 107 120.9 91.2 136.8
 121 57.8 47.2 70.8

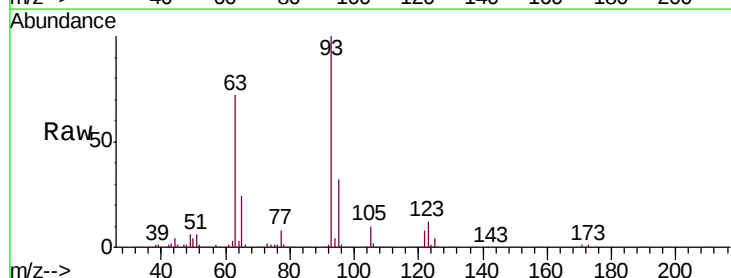


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

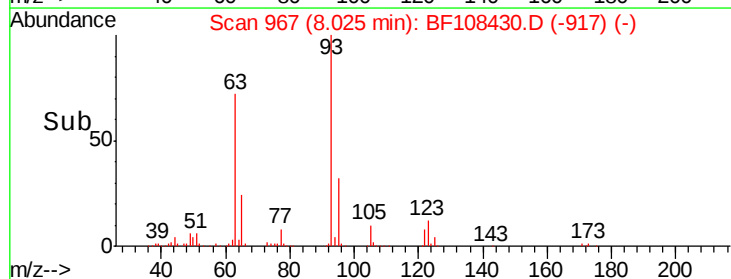
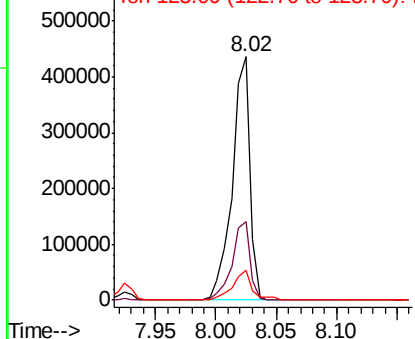


#28
 bis(2-Chloroethoxy)methane
 Concen: 41.811 ng
 RT: 8.02 min Scan# 967
 Delta R.T. -0.01 min
 Lab File: BF108430.D
 Acq: 23 Aug 2018 19:37

Tgt Ion: 93 Resp: 446276
 Ion Ratio Lower Upper
 93 100
 95 32.3 26.3 39.5
 123 12.2 9.8 14.6



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

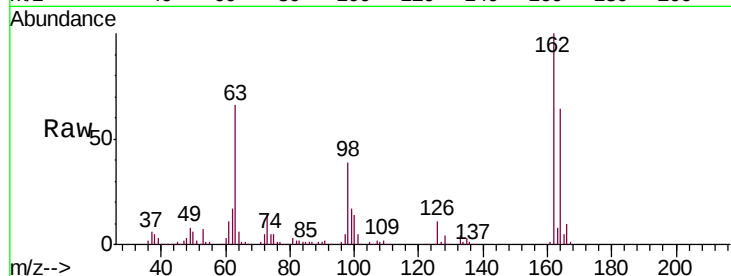




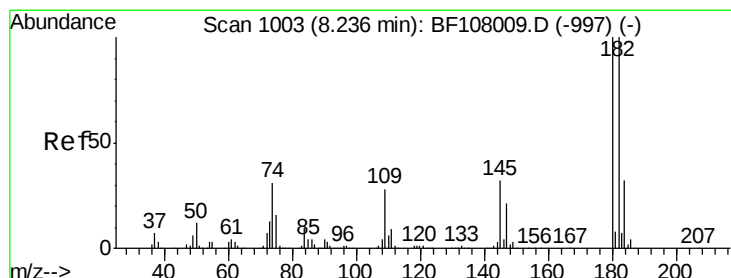
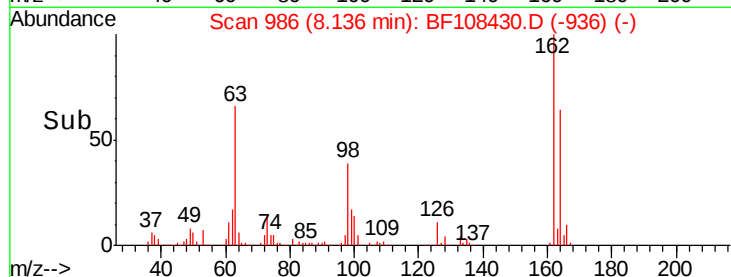
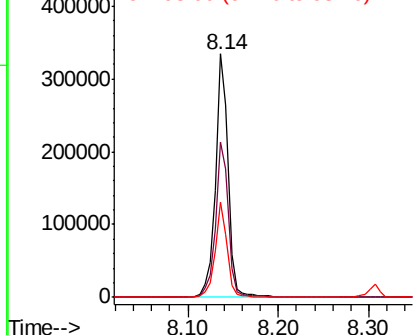
#29
 2,4-Dichlorophenol
 Concen: 43.338 ng
 RT: 8.14 min Scan# 986
 Delta R.T. -0.01 min
 Lab File: BF108430.D
 Acq: 23 Aug 2018 19:37

Instrument :
 BNA_F
 ClientSampleId :
 PB112238BS

Tgt Ion:162 Resp: 323644
 Ion Ratio Lower Upper
 162 100
 164 63.8 42.7 82.7
 98 39.1 18.1 58.1

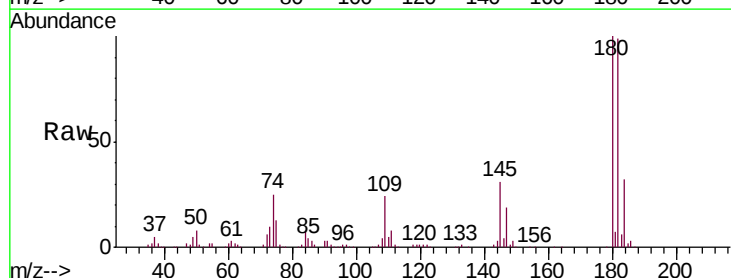


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

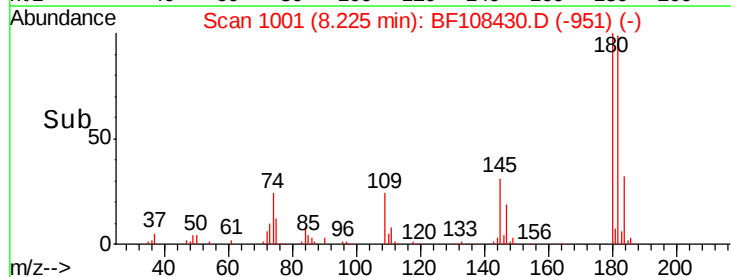
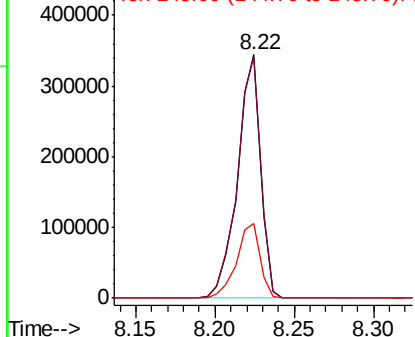


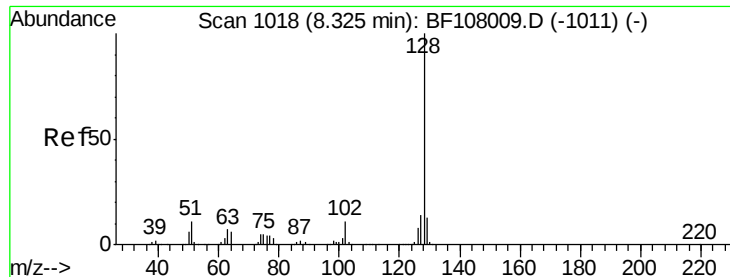
#30
 1,2,4-Trichlorobenzene
 Concen: 42.068 ng
 RT: 8.22 min Scan# 1001
 Delta R.T. -0.01 min
 Lab File: BF108430.D
 Acq: 23 Aug 2018 19:37

Tgt Ion:180 Resp: 346370
 Ion Ratio Lower Upper
 180 100
 182 99.3 76.8 115.2
 145 30.9 26.5 39.7



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

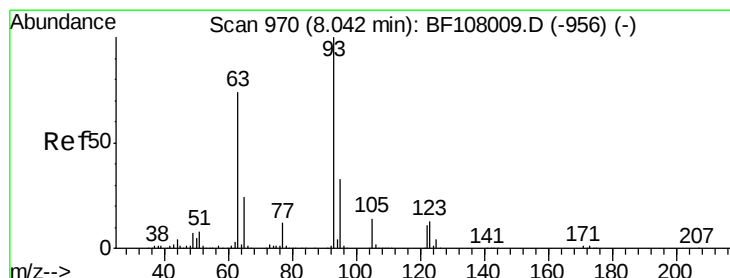
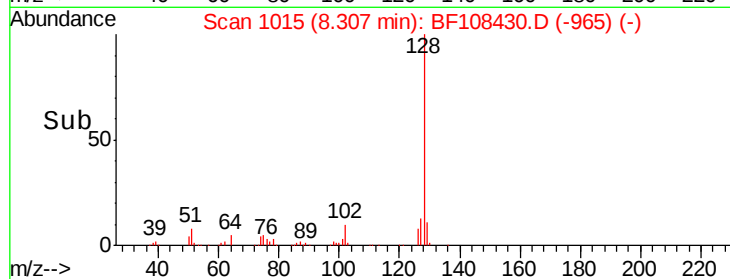
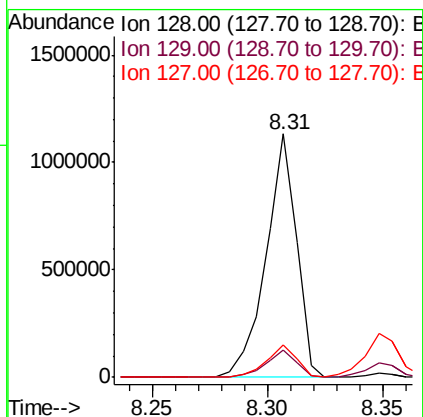
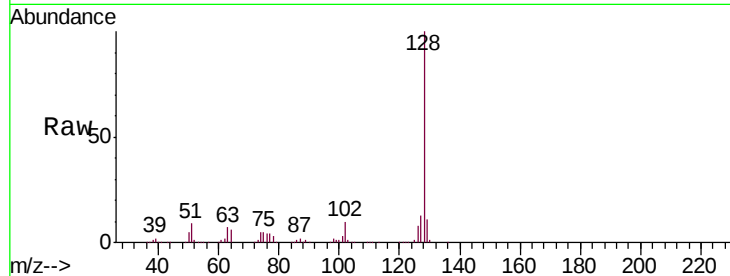




#31
Naphthalene
Concen: 42.766 ng
RT: 8.31 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF108430.D
Acq: 23 Aug 2018 19:37

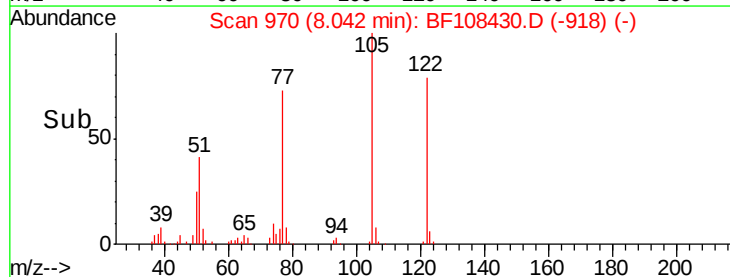
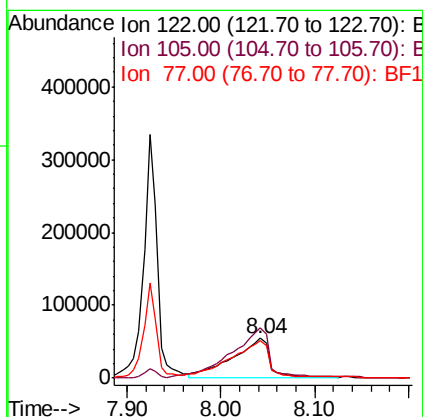
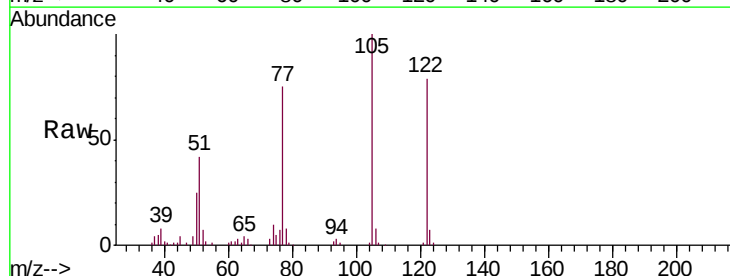
Instrument :
BNA_F
ClientSampleId :
PB112238BS

Tgt Ion:128 Resp: 1041063
Ion Ratio Lower Upper
128 100
129 11.4 8.8 13.2
127 13.5 10.9 16.3



#32
Benzoic acid
Concen: 33.314 ng
RT: 8.04 min Scan# 970
Delta R.T. 0.01 min
Lab File: BF108430.D
Acq: 23 Aug 2018 19:37

Tgt Ion:122 Resp: 147043
Ion Ratio Lower Upper
122 100
105 127.2 101.1 141.1
77 95.6 70.7 110.7

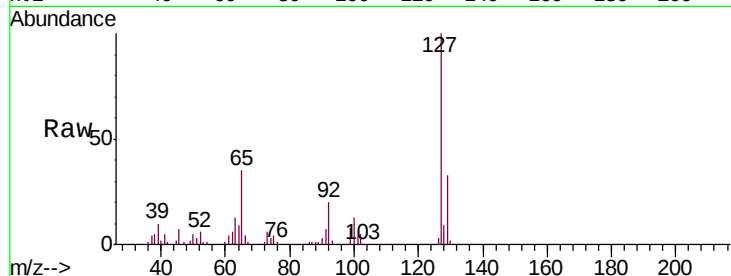




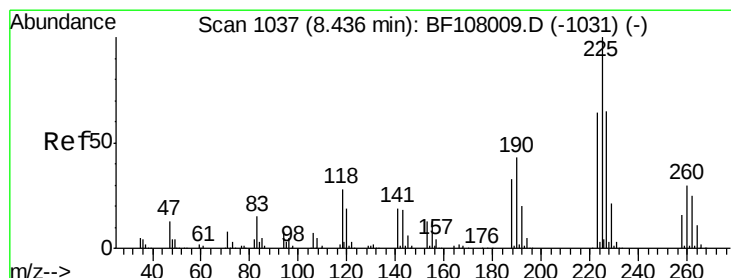
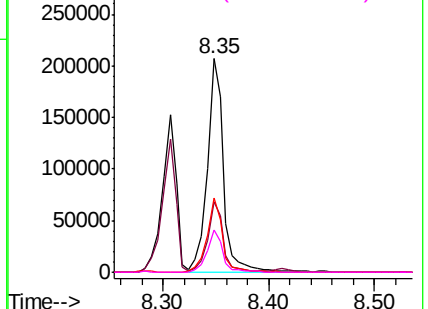
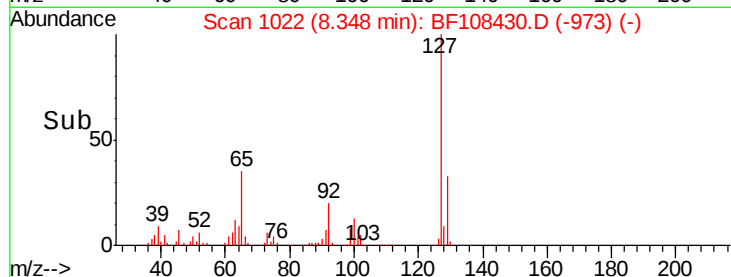
#33
4-Chloroaniline
Concen: 20.714 ng
RT: 8.35 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF108430.D
Acq: 23 Aug 2018 19:37

Instrument :
BNA_F
ClientSampleId :
PB112238BS

Tgt Ion:	127	Resp:	219747
Ion	Ratio	Lower	Upper
127	100		
129	33.2	25.9	38.9
65	34.8	25.0	37.4
92	20.1	15.2	22.8

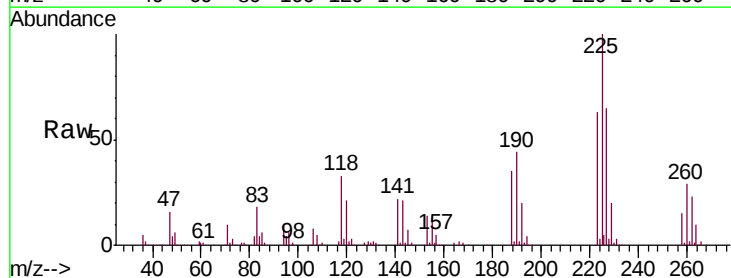


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

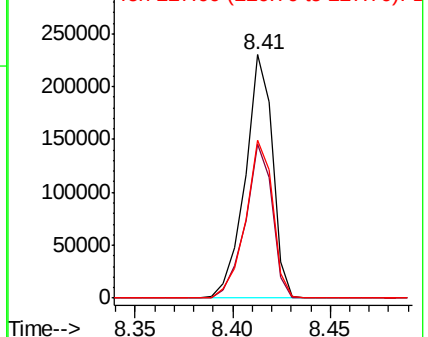
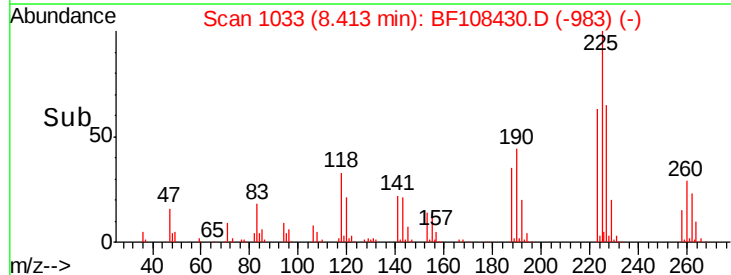


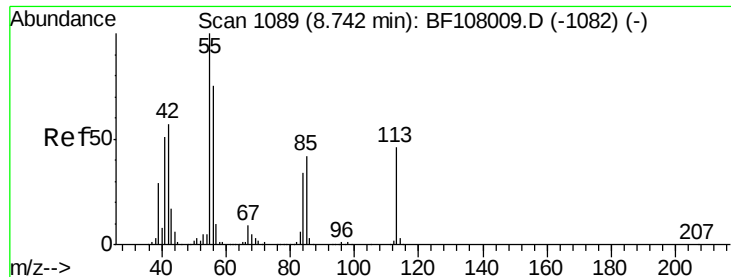
#34
Hexachlorobutadiene
Concen: 42.765 ng
RT: 8.41 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF108430.D
Acq: 23 Aug 2018 19:37

Tgt Ion:	225	Resp:	222905
Ion	Ratio	Lower	Upper
225	100		
223	63.5	50.6	76.0
227	64.6	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

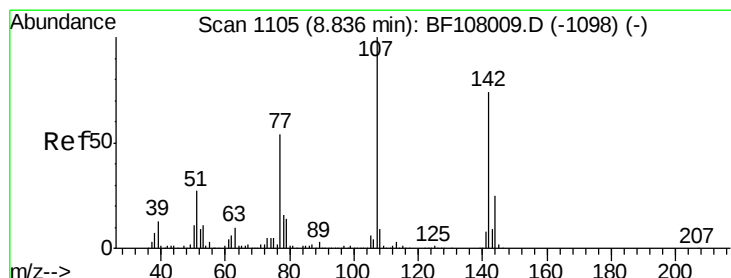
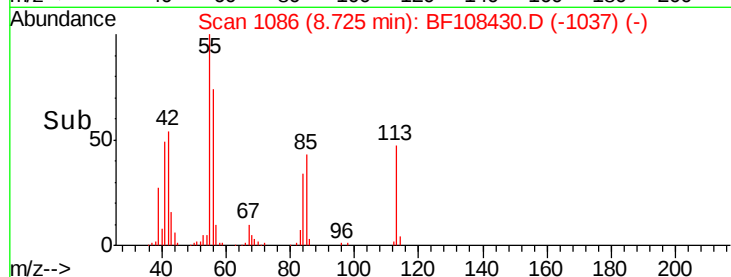
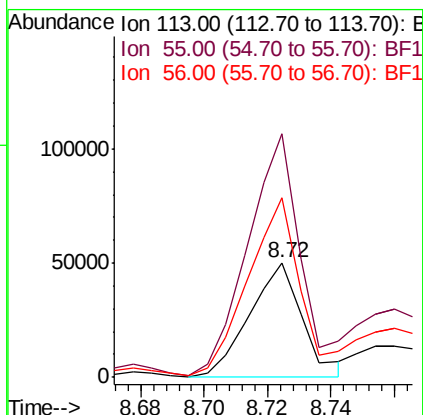
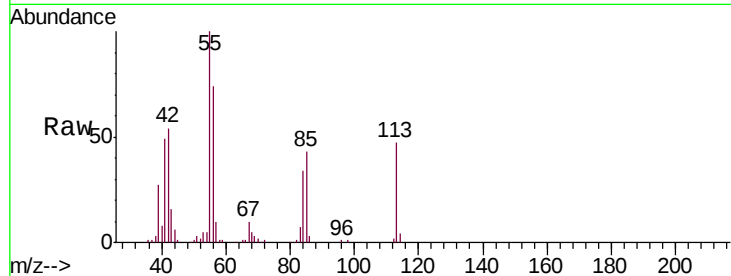




#35
 Caprolactam
 Concen: 24.909 ng
 RT: 8.72 min Scan# 1086
 Delta R.T. -0.01 min
 Lab File: BF108430.D
 Acq: 23 Aug 2018 19:37

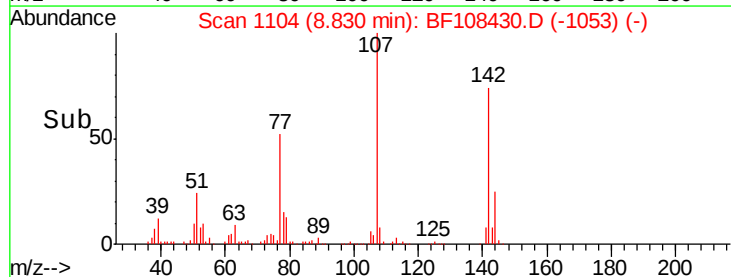
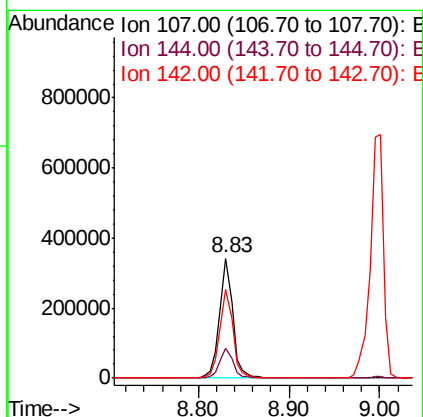
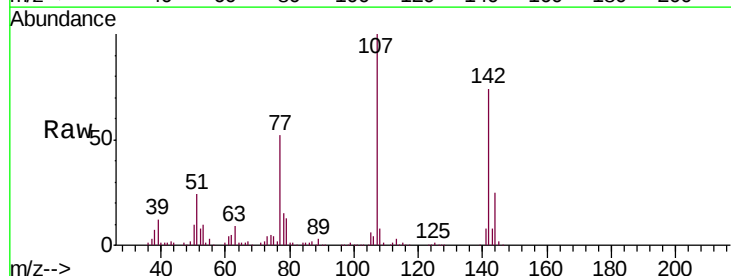
Instrument :
 BNA_F
 ClientSampleId :
 PB112238BS

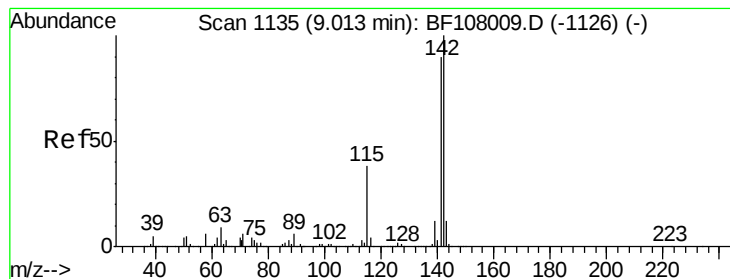
Tgt Ion:113 Resp: 58293
 Ion Ratio Lower Upper
 113 100
 55 212.6 163.3 203.3#
 56 157.3 115.7 155.7#



#36
 4-Chloro-3-methylphenol
 Concen: 42.784 ng
 RT: 8.83 min Scan# 1104
 Delta R.T. -0.00 min
 Lab File: BF108430.D
 Acq: 23 Aug 2018 19:37

Tgt Ion:107 Resp: 344677
 Ion Ratio Lower Upper
 107 100
 144 24.5 20.5 30.7
 142 74.4 62.0 93.0





#37

2-Methylnaphthalene

Concen: 42.280 ng

RT: 9.00 min Scan# 1133

Delta R.T. -0.01 min

Lab File: BF108430.D

Acq: 23 Aug 2018 19:37

Instrument :

BNA_F

ClientSampleId :

PB112238BS

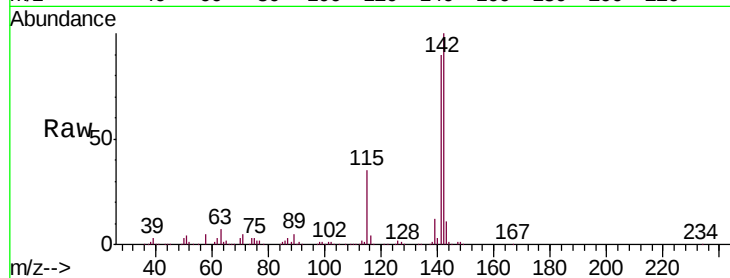
Tgt Ion:142 Resp: 728205

Ion Ratio Lower Upper

142 100

141 89.9 70.8 106.2

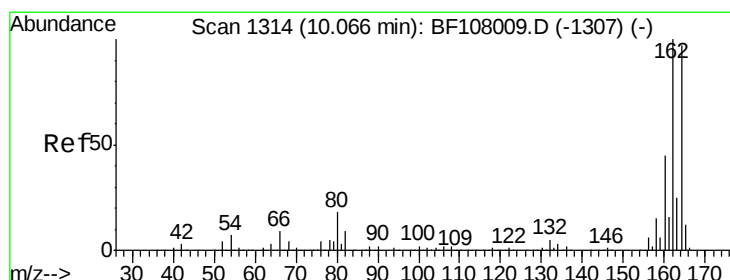
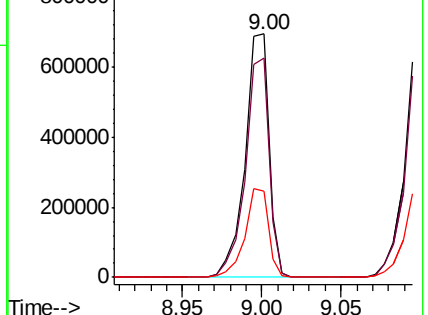
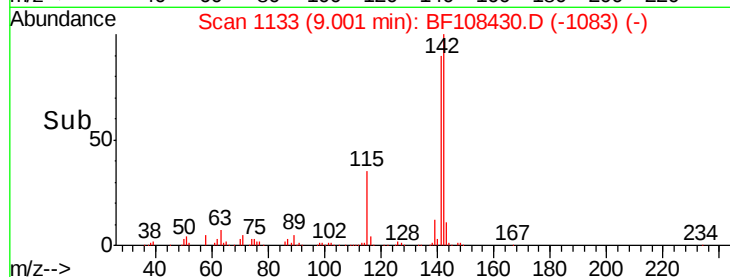
115 35.5 26.1 39.1



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: BF108430.D

Acq: 23 Aug 2018 19:37

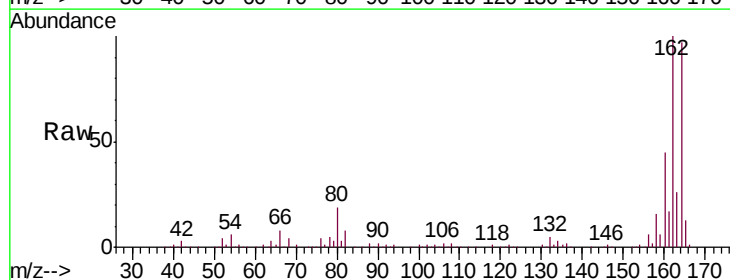
Tgt Ion:164 Resp: 277292

Ion Ratio Lower Upper

164 100

162 102.9 86.1 129.1

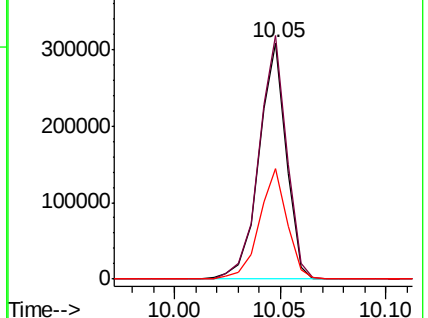
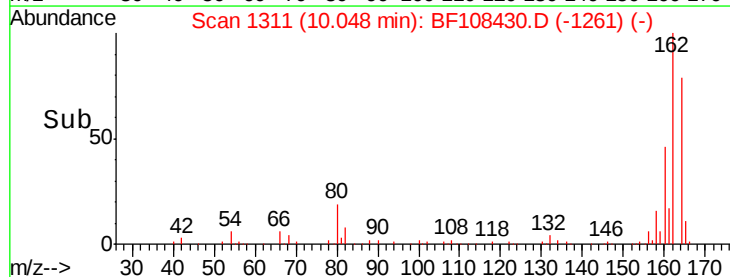
160 46.7 38.3 57.5

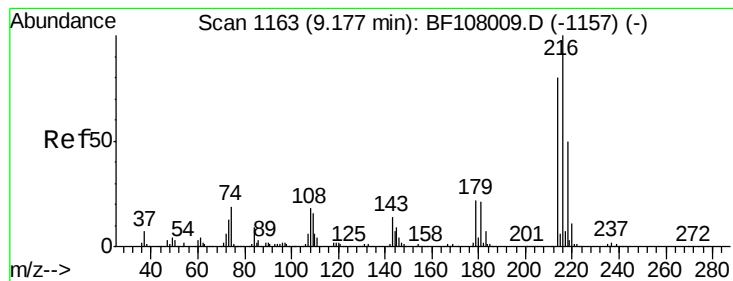


Abundance Ion 164.00 (163.70 to 164.70): E

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: 43.664 ng

RT: 9.17 min Scan# 1161

Delta R.T. -0.01 min

Lab File: BF108430.D

Acq: 23 Aug 2018 19:37

Instrument :

BNA_F

ClientSampleId :

PB112238BS

Tgt Ion:216 Resp: 371815

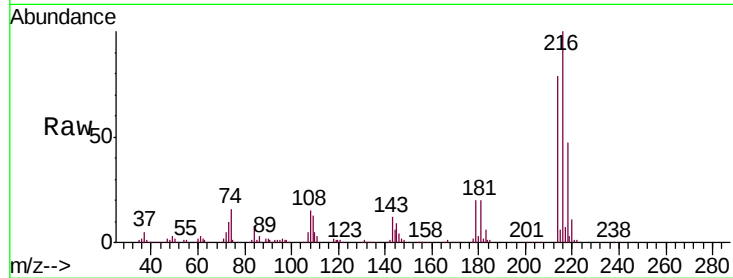
Ion Ratio Lower Upper

216 100

214 79.4 63.0 94.4

179 20.3 18.1 27.1

108 19.5 17.2 25.8

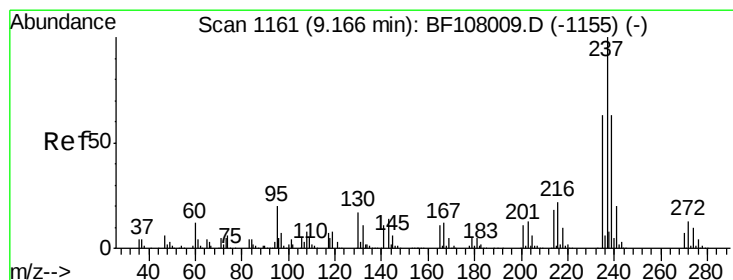
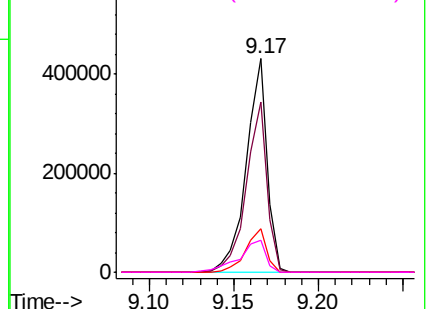
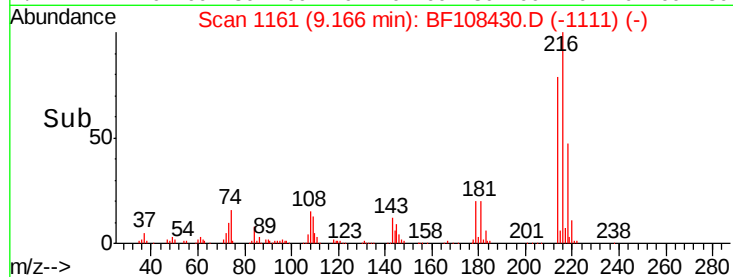


Abundance Ion 216.00 (215.70 to 216.70): E

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: 68.474 ng

RT: 9.15 min Scan# 1158

Delta R.T. -0.00 min

Lab File: BF108430.D

Acq: 23 Aug 2018 19:37

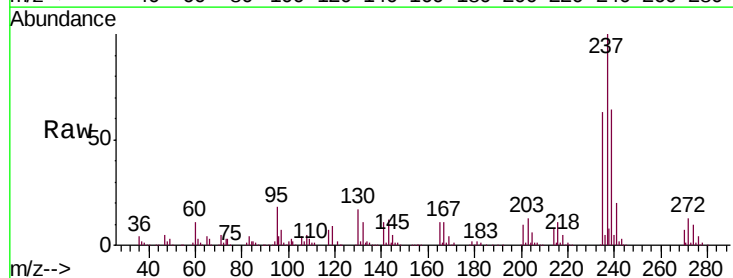
Tgt Ion:237 Resp: 376620

Ion Ratio Lower Upper

237 100

235 63.0 44.8 84.8

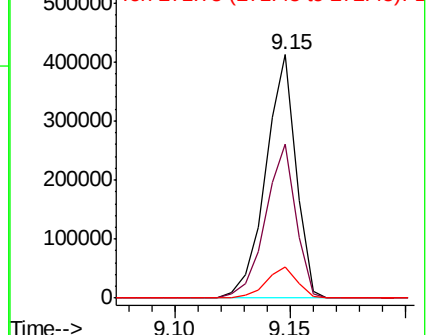
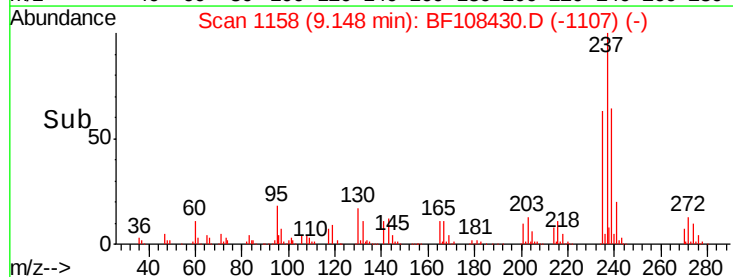
272 13.0 0.0 33.3

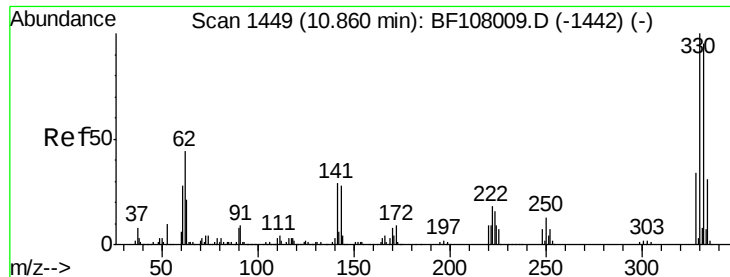


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

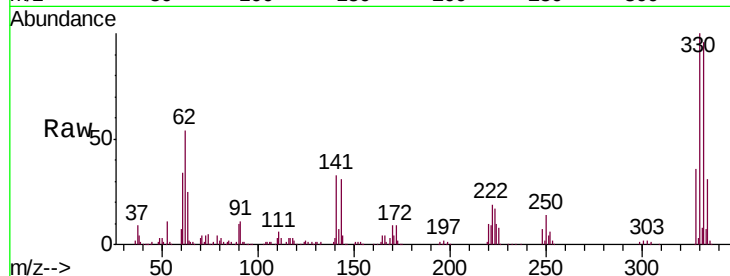




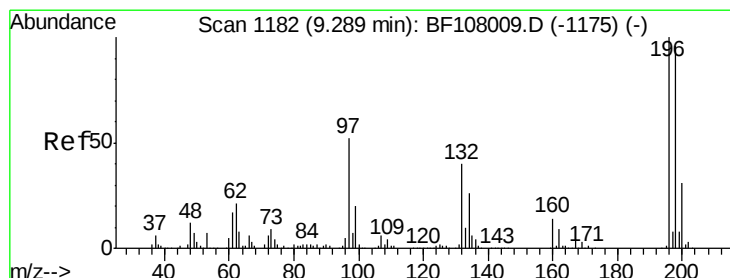
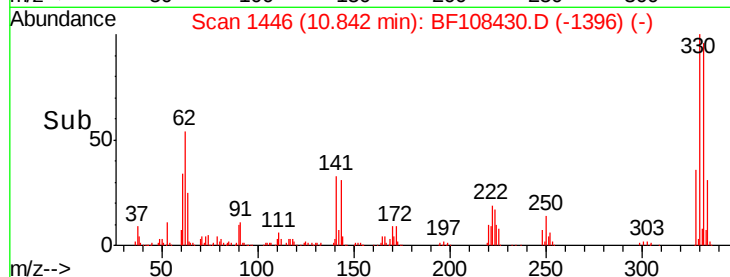
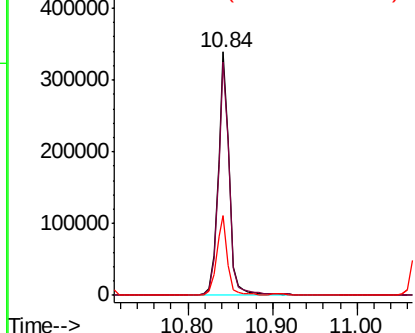
#41
 2,4,6-Tribromophenol
 Concen: 115.738 ng
 RT: 10.84 min Scan# 1446
 Delta R.T. -0.01 min
 Lab File: BF108430.D
 Acq: 23 Aug 2018 19:37

Instrument :
 BNA_F
 ClientSampleId :
 PB112238BS

Tgt Ion:330 Resp: 320123
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.0 115.6
 141 32.3 29.9 44.9

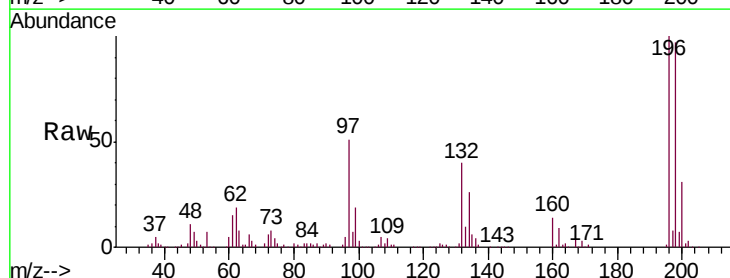


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

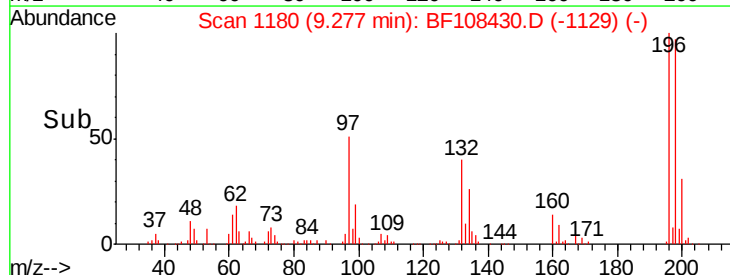
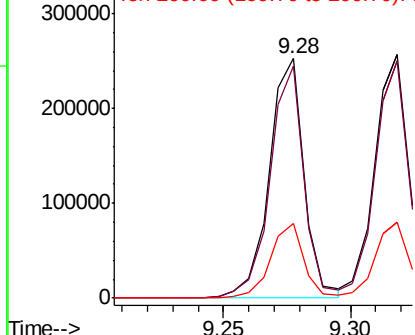


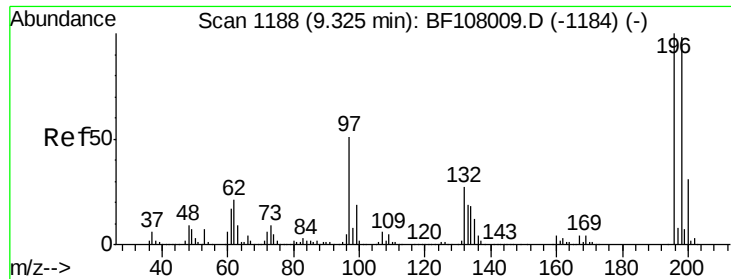
#42
 2,4,6-Trichlorophenol
 Concen: 45.360 ng
 RT: 9.28 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: BF108430.D
 Acq: 23 Aug 2018 19:37

Tgt Ion:196 Resp: 239690
 Ion Ratio Lower Upper
 196 100
 198 97.0 75.7 113.5
 200 31.2 24.5 36.7



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

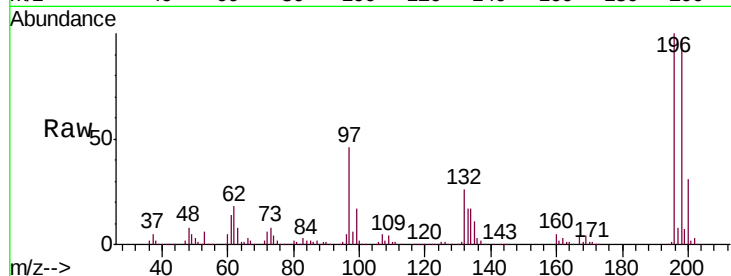




#43
 2,4,5-Trichlorophenol
 Concen: 44.528 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.00 min
 Lab File: BF108430.D
 Acq: 23 Aug 2018 19:37

Instrument :
 BNA_F
 ClientSampleId :
 PB112238BS

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.4	74.6	112.0
97	46.3	42.9	64.3
132	26.3	26.3	39.5



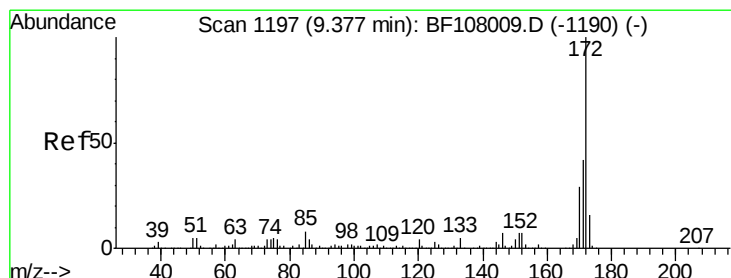
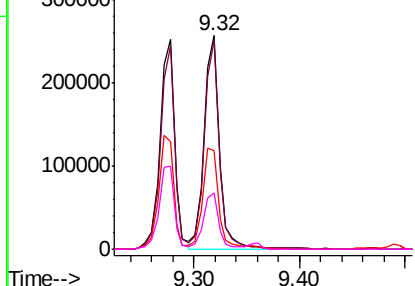
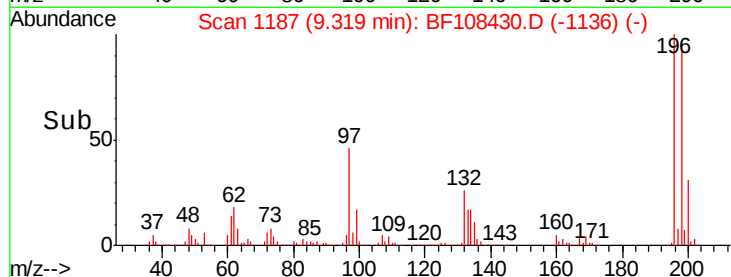
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

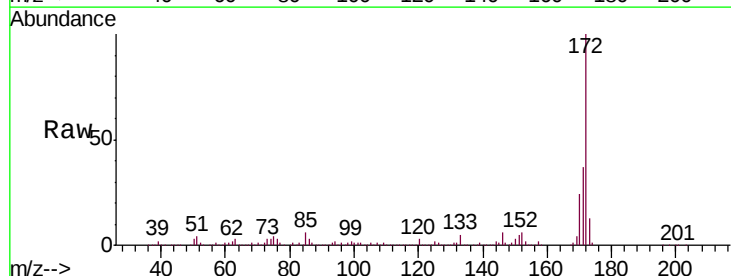
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 78.884 ng
 RT: 9.36 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF108430.D
 Acq: 23 Aug 2018 19:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.7	44.5
170	24.5	19.6	29.4

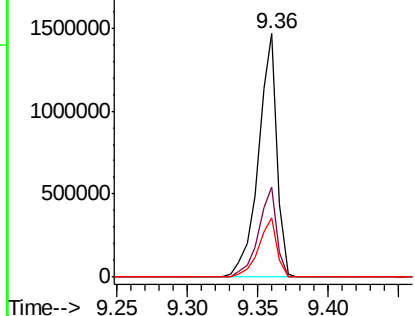
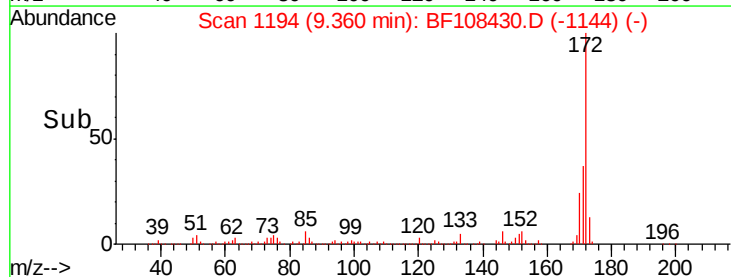


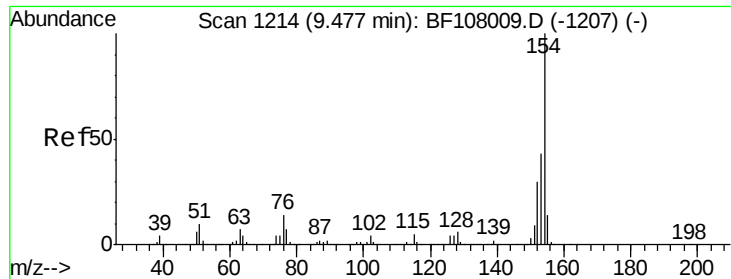
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

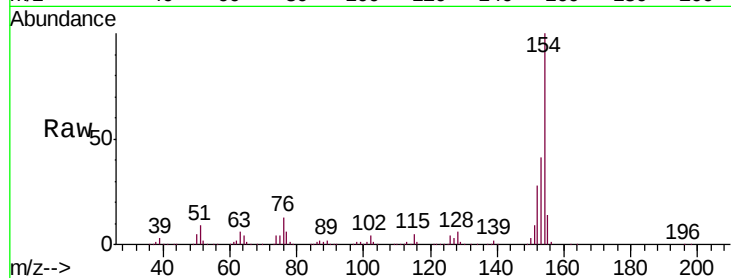




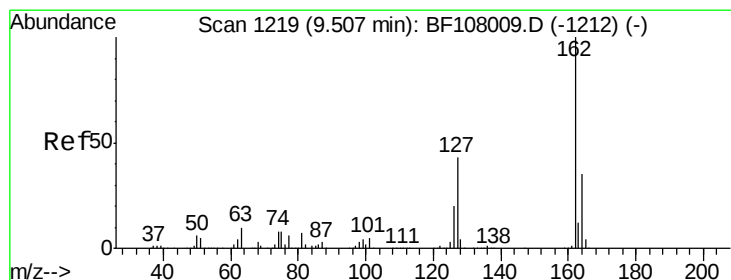
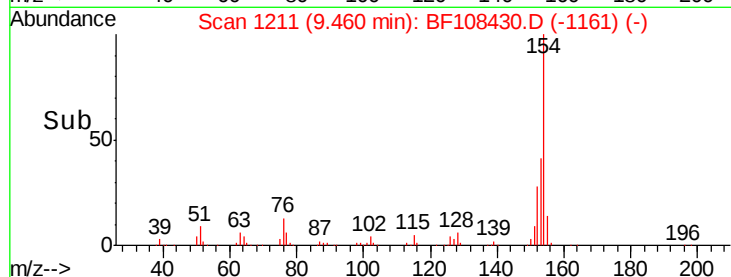
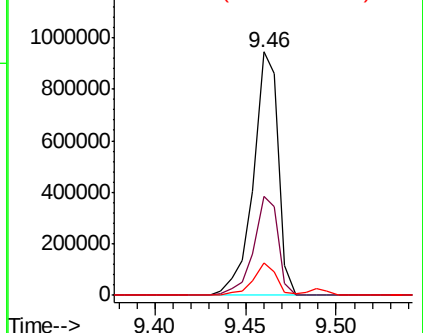
#45
 1,1'-Biphenyl
 Concen: 44.009 ng
 RT: 9.46 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF108430.D
 Acq: 23 Aug 2018 19:37

Instrument :
 BNA_F
 ClientSampleId :
 PB112238BS

Tgt Ion:154 Resp: 899753
 Ion Ratio Lower Upper
 154 100
 153 40.8 21.3 61.3
 76 13.4 0.0 34.0

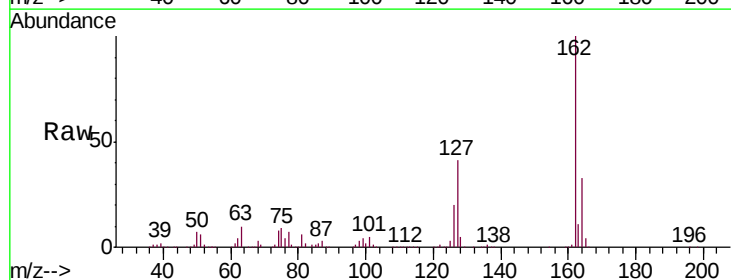


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

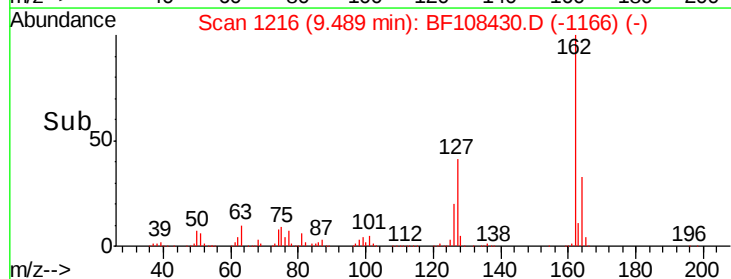
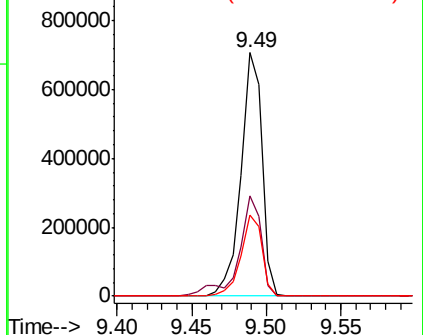


#46
 2-Chloronaphthalene
 Concen: 43.032 ng
 RT: 9.49 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF108430.D
 Acq: 23 Aug 2018 19:37

Tgt Ion:162 Resp: 695336
 Ion Ratio Lower Upper
 162 100
 127 41.1 33.9 50.9
 164 33.4 26.5 39.7



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

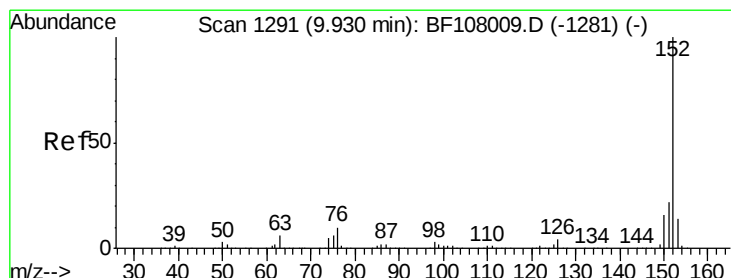
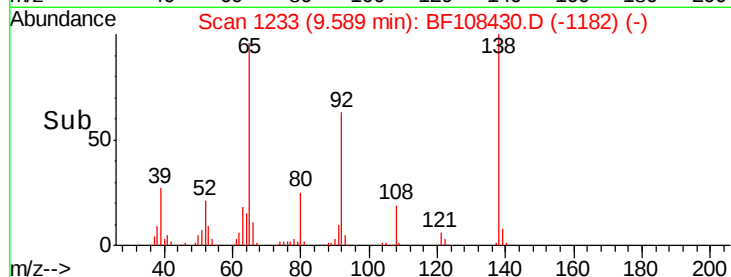
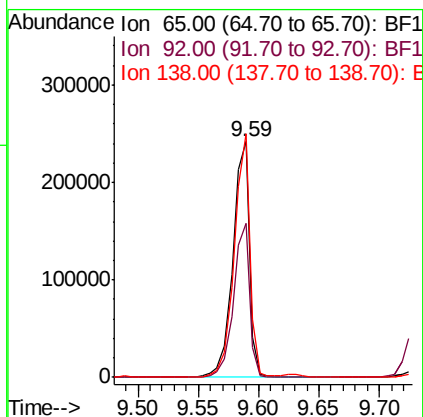
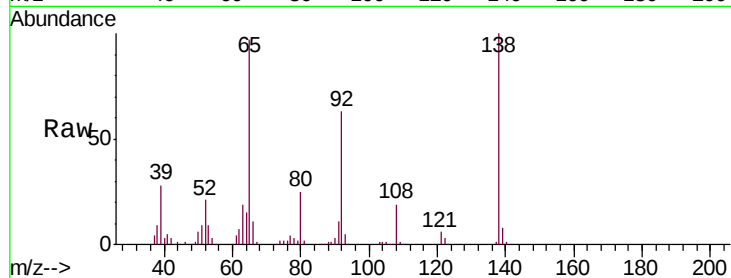




#47
2-Nitroaniline
Concen: 44.220 ng
RT: 9.59 min Scan# 1233
Delta R.T. -0.00 min
Lab File: BF108430.D
Acq: 23 Aug 2018 19:37

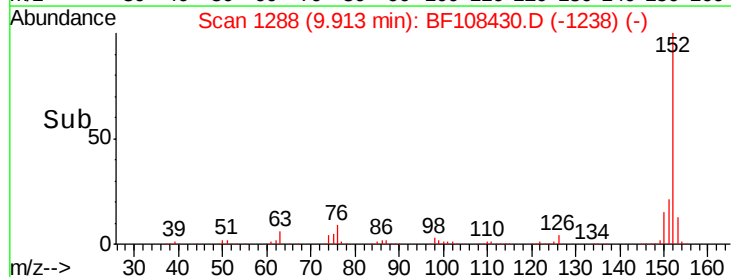
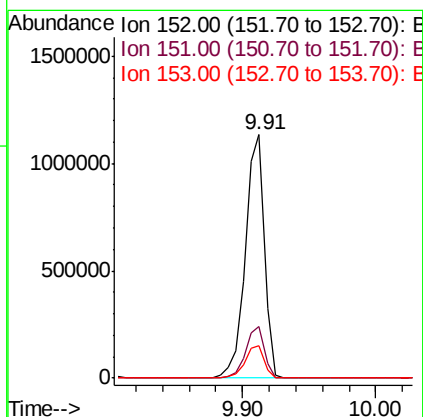
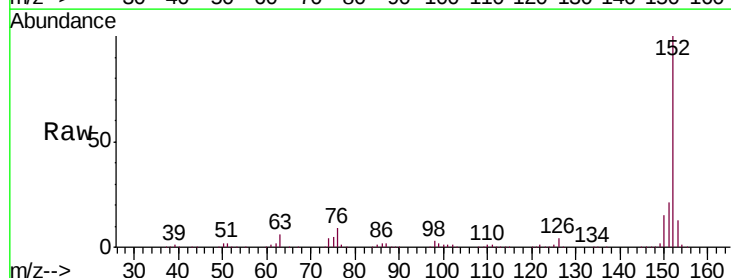
Instrument :
BNA_F
ClientSampleId :
PB112238BS

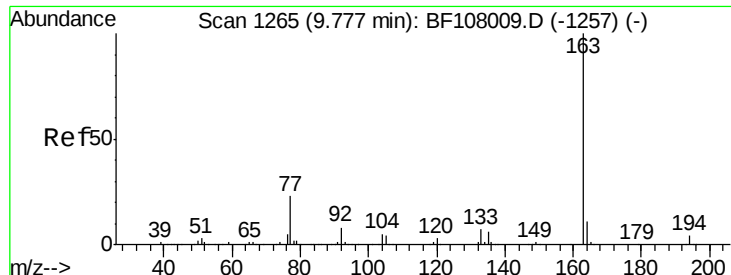
Tgt Ion: 65 Resp: 231196
Ion Ratio Lower Upper
65 100
92 65.4 55.8 83.6
138 103.4 91.2 136.8



#48
Acenaphthylene
Concen: 43.293 ng
RT: 9.91 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BF108430.D
Acq: 23 Aug 2018 19:37

Tgt Ion: 152 Resp: 1105964
Ion Ratio Lower Upper
152 100
151 21.0 16.3 24.5
153 13.3 10.7 16.1

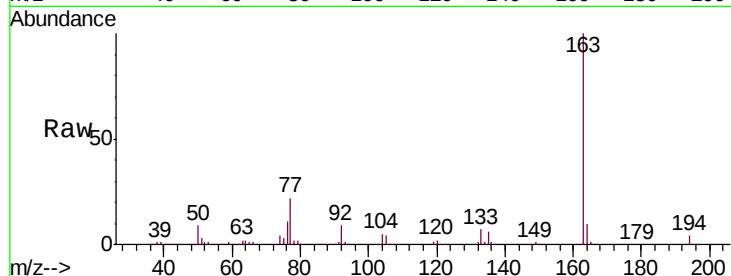




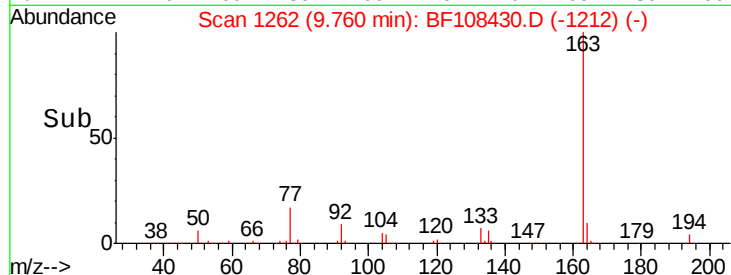
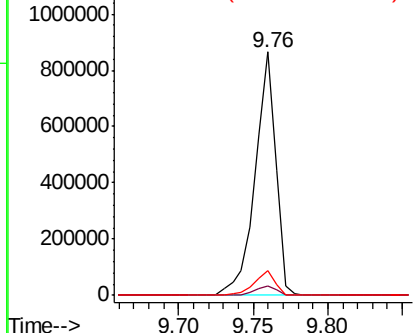
#49
Dimethylphthalate
Concen: 42.440 ng
RT: 9.76 min Scan# 1262
Delta R.T. -0.01 min
Lab File: BF108430.D
Acq: 23 Aug 2018 19:37

Instrument :
BNA_F
ClientSampleId :
PB112238BS

Tgt Ion:163 Resp: 819751
Ion Ratio Lower Upper
163 100
194 4.0 2.7 4.1
164 10.3 8.2 12.2

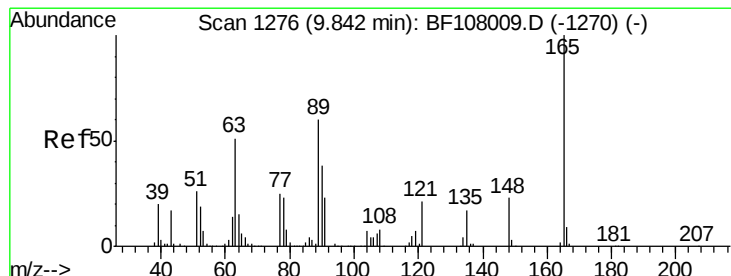


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

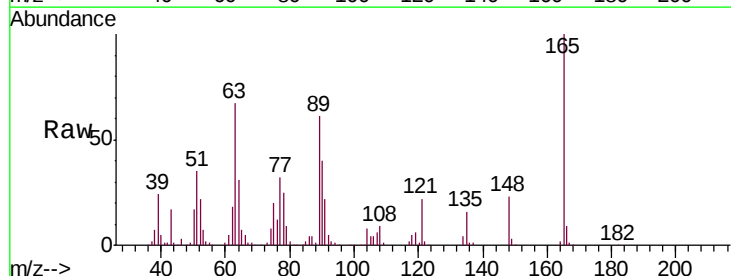
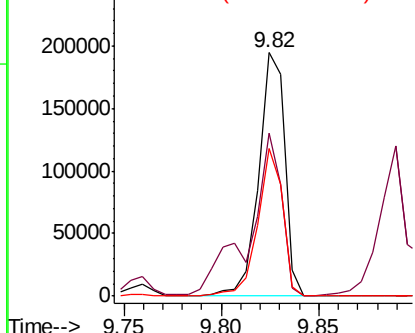


#50
2,6-Dinitrotoluene
Concen: 44.565 ng
RT: 9.82 min Scan# 1273
Delta R.T. -0.01 min
Lab File: BF108430.D
Acq: 23 Aug 2018 19:37

Tgt Ion:165 Resp: 180096
Ion Ratio Lower Upper
165 100
63 67.0 44.7 67.1
89 60.9 44.0 66.0



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





#51

Acenaphthene

Concen: 41.420 ng

RT: 10.08 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF108430.D

Acq: 23 Aug 2018 19:37

Instrument :

BNA_F

ClientSampleId :

PB112238BS

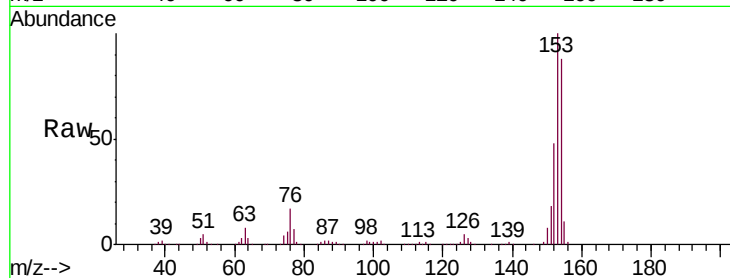
Tgt Ion:154 Resp: 648078

Ion Ratio Lower Upper

154 100

153 114.0 91.2 136.8

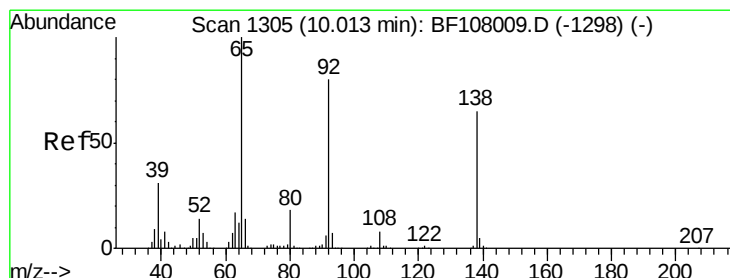
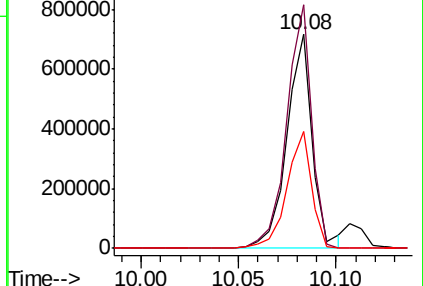
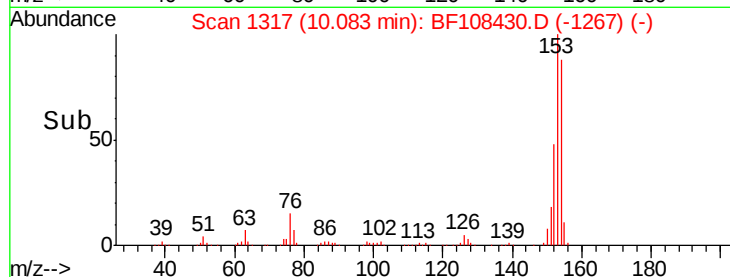
152 55.0 43.8 65.8



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: 28.568 ng

RT: 10.00 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF108430.D

Acq: 23 Aug 2018 19:37

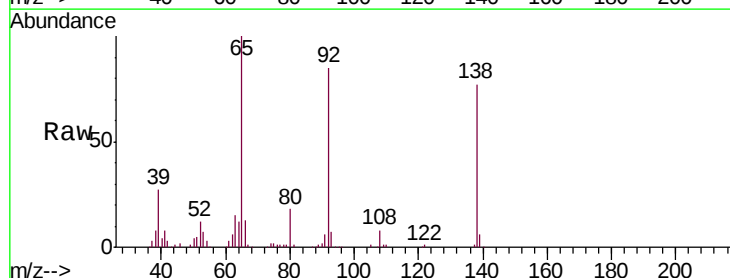
Tgt Ion:138 Resp: 126316

Ion Ratio Lower Upper

138 100

108 10.1 9.4 14.0

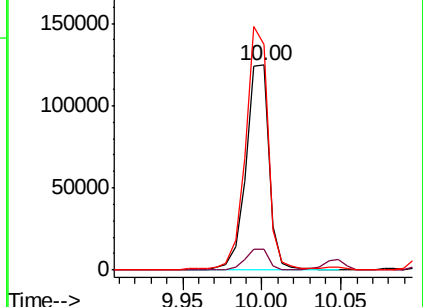
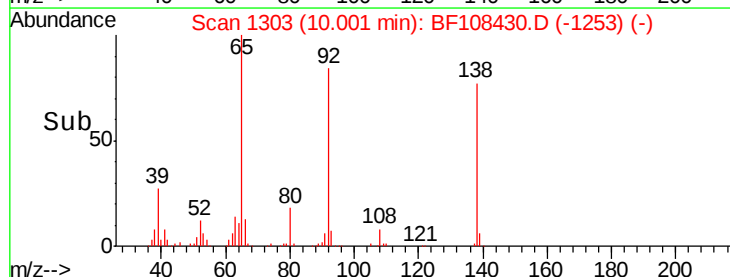
92 110.3 89.4 134.2

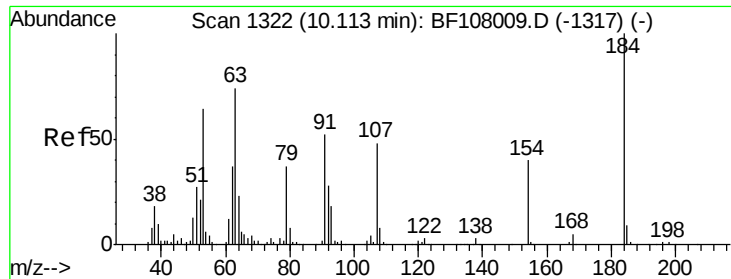


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

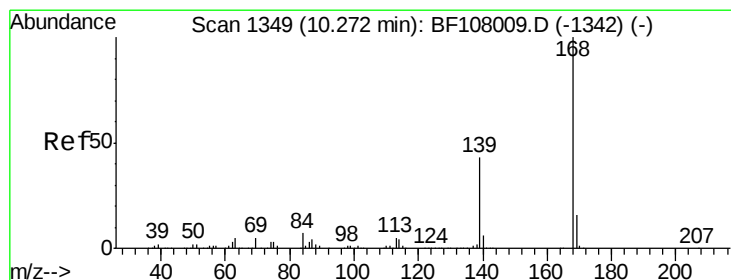
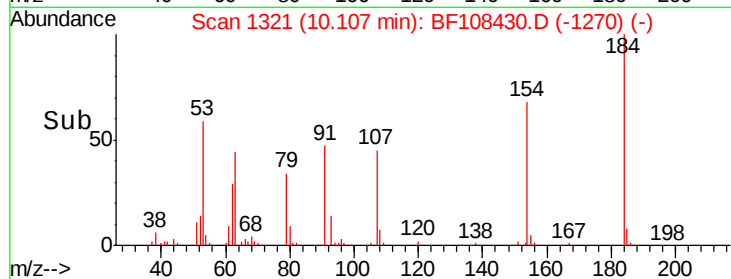
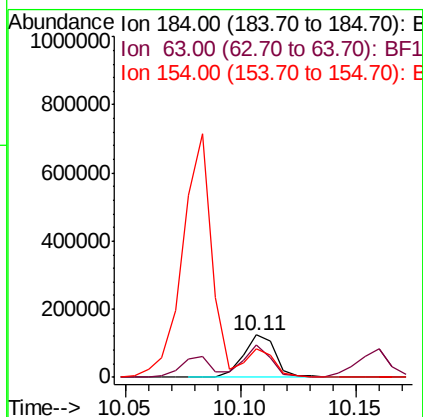
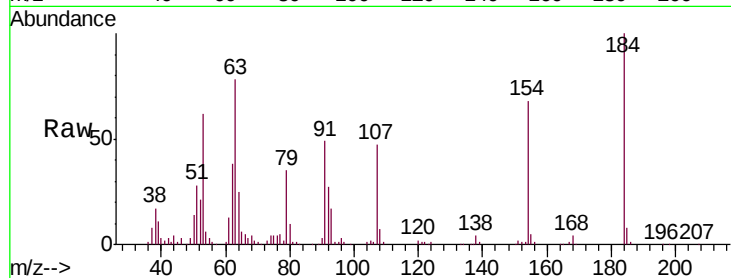




#53
2,4-Dinitrophenol
Concen: 79.593 ng
RT: 10.11 min Scan# 1321
Delta R.T. -0.00 min
Lab File: BF108430.D
Acq: 23 Aug 2018 19:37

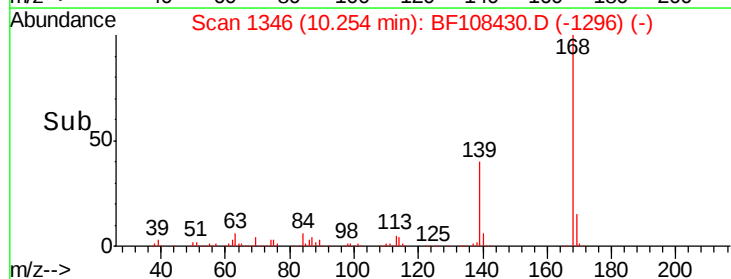
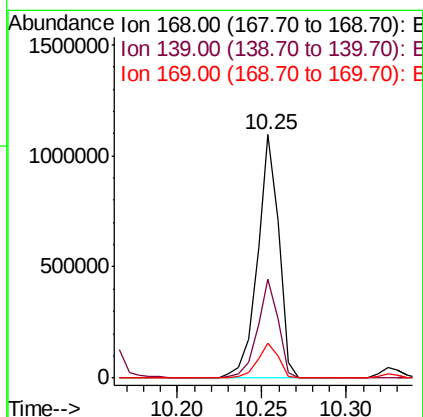
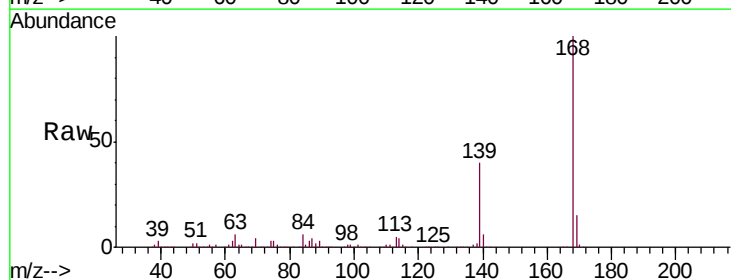
Instrument :
BNA_F
ClientSampleId :
PB112238BS

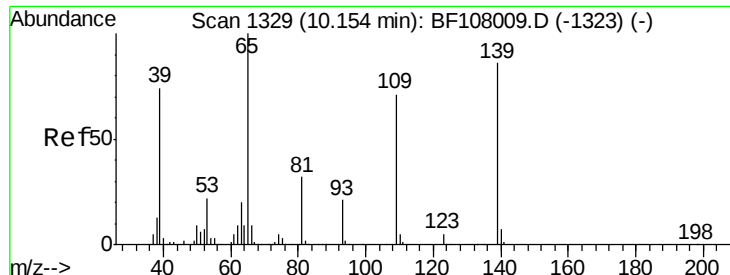
Tgt Ion:184 Resp: 120317
Ion Ratio Lower Upper
184 100
63 77.6 54.2 81.2
154 68.4 184.0 276.0#



#54
Dibenzofuran
Concen: 42.474 ng
RT: 10.25 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BF108430.D
Acq: 23 Aug 2018 19:37

Tgt Ion:168 Resp: 962828
Ion Ratio Lower Upper
168 100
139 40.5 30.1 45.1
169 14.6 10.9 16.3

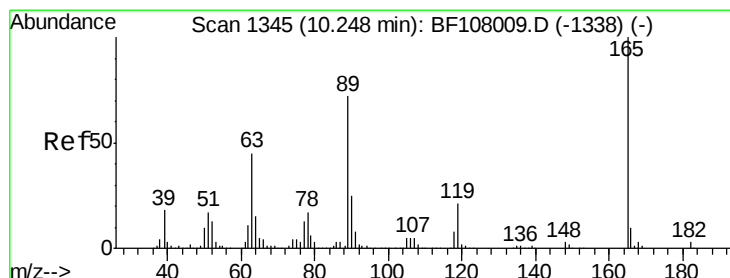
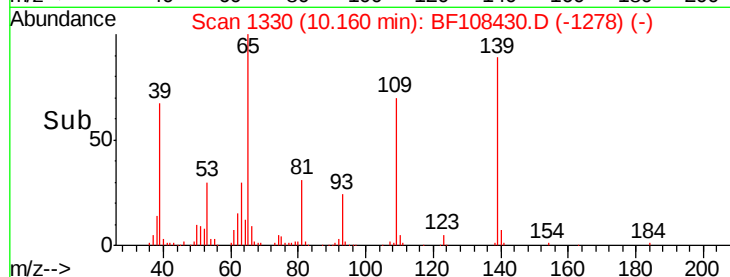
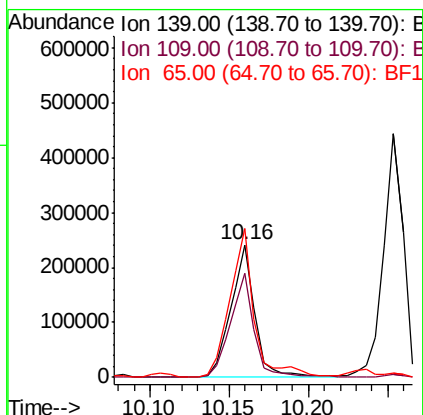
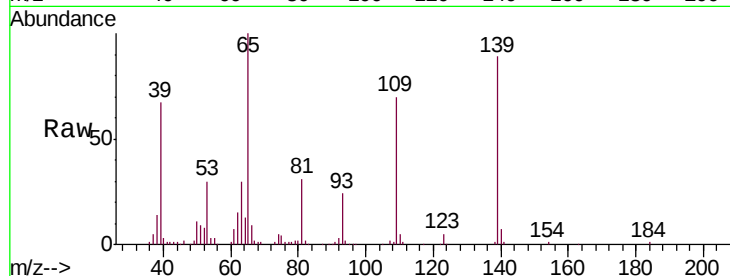




#55
4-Nitrophenol
Concen: 75.902 ng
RT: 10.16 min Scan# 1330
Delta R.T. 0.01 min
Lab File: BF108430.D
Acq: 23 Aug 2018 19:37

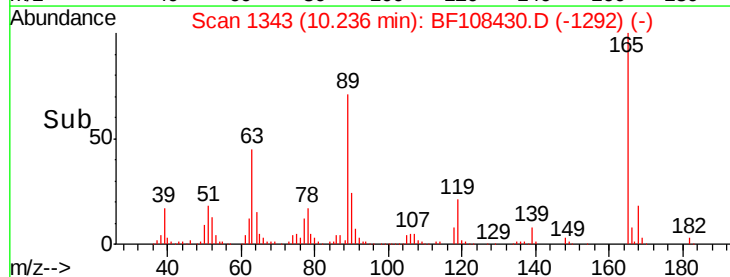
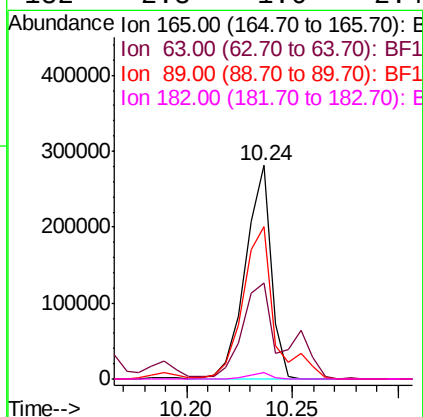
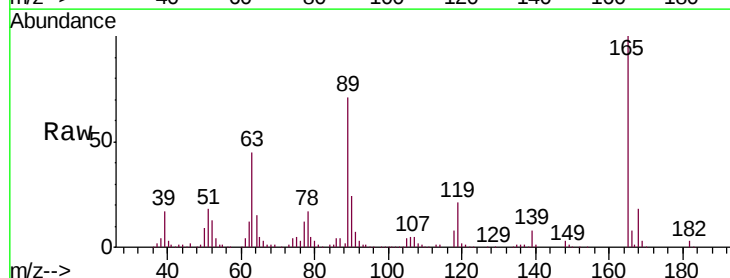
Instrument :
BNA_F
ClientSampleId :
PB112238BS

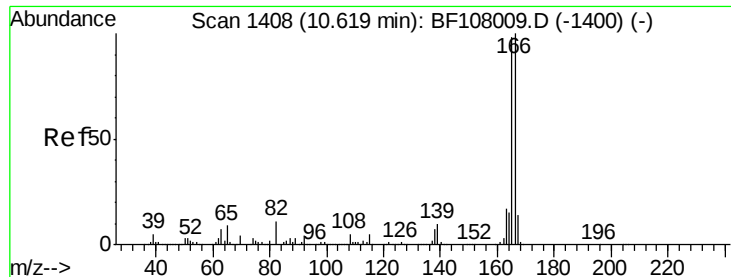
Tgt Ion:139 Resp: 254139
Ion Ratio Lower Upper
139 100
109 78.4 48.4 88.4
65 112.1 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 46.064 ng
RT: 10.24 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BF108430.D
Acq: 23 Aug 2018 19:37

Tgt Ion:165 Resp: 239615
Ion Ratio Lower Upper
165 100
63 45.2 36.4 54.6
89 71.2 57.8 86.6
182 2.8 1.6 2.4#

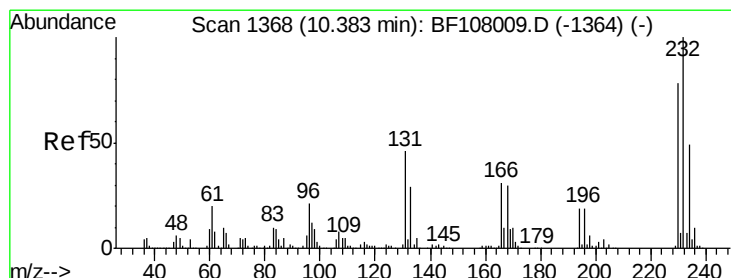
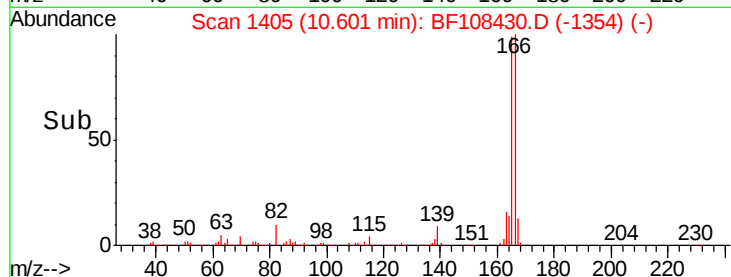
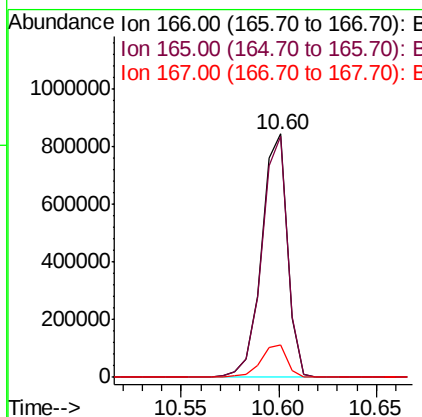
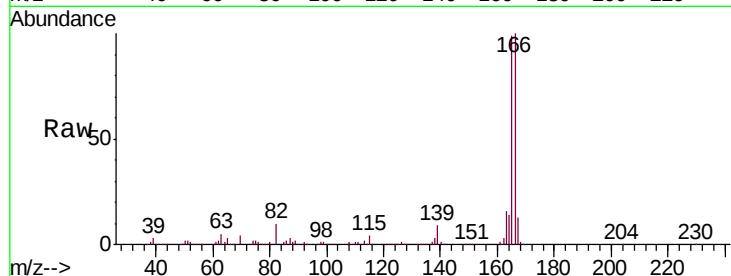




#57
 Fluorene
 Concen: 43.168 ng
 RT: 10.60 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: BF108430.D
 Acq: 23 Aug 2018 19:37

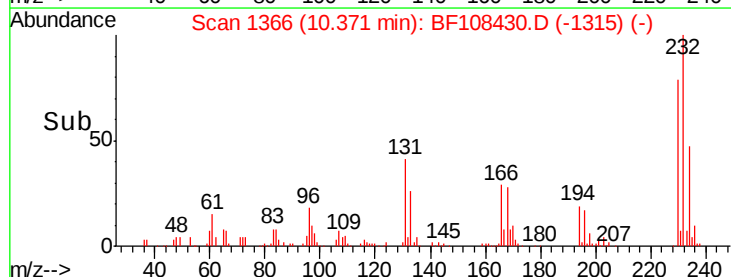
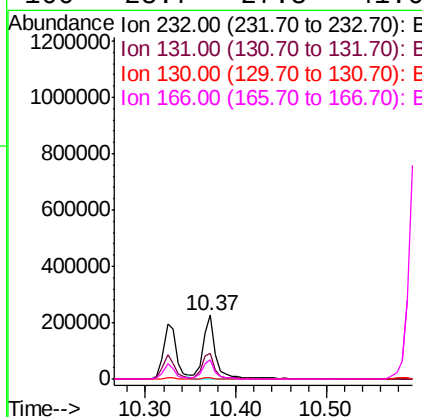
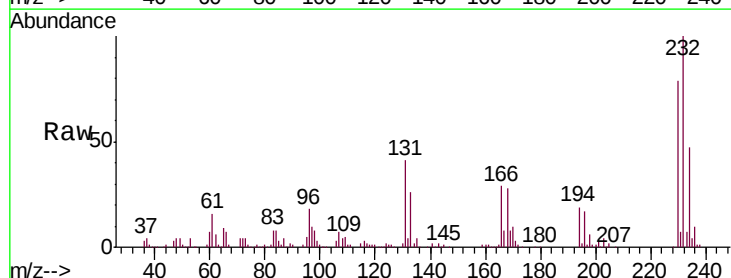
Instrument :
 BNA_F
 ClientSampleID :
 PB112238BS

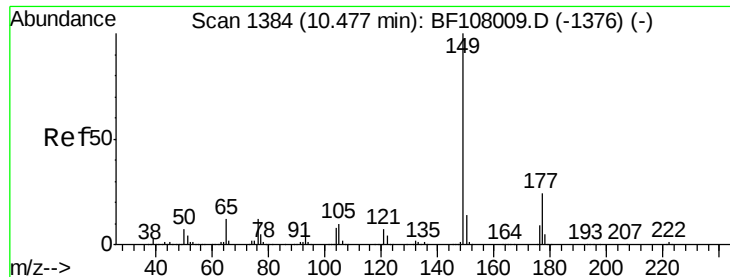
Tgt Ion:166 Resp: 774648
 Ion Ratio Lower Upper
 166 100
 165 98.8 79.8 119.8
 167 13.2 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 45.739 ng
 RT: 10.37 min Scan# 1366
 Delta R.T. -0.00 min
 Lab File: BF108430.D
 Acq: 23 Aug 2018 19:37

Tgt Ion:232 Resp: 222380
 Ion Ratio Lower Upper
 232 100
 131 41.4 43.8 65.8#
 130 2.1 2.1 3.1
 166 28.7 27.8 41.6

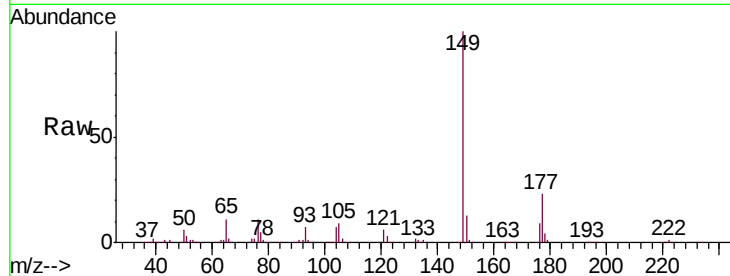




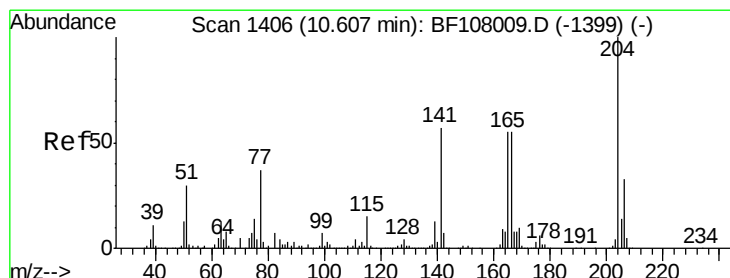
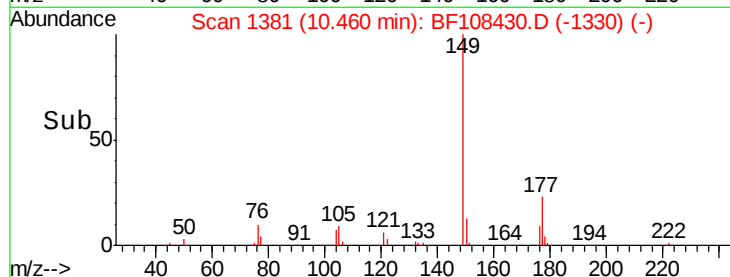
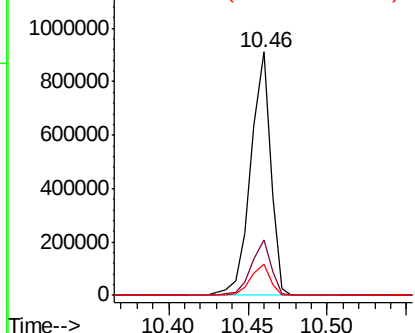
#59
Diethylphthalate
Concen: 42.683 ng
RT: 10.46 min Scan# 1381
Delta R.T. -0.00 min
Lab File: BF108430.D
Acq: 23 Aug 2018 19:37

Instrument :
BNA_F
ClientSampleId :
PB112238BS

Tgt Ion:149 Resp: 798341
Ion Ratio Lower Upper
149 100
177 22.9 16.1 24.1
150 12.8 10.1 15.1

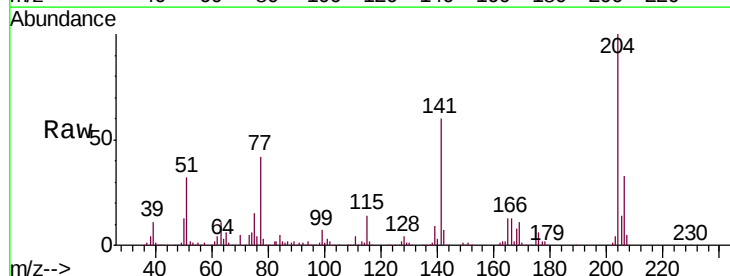


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

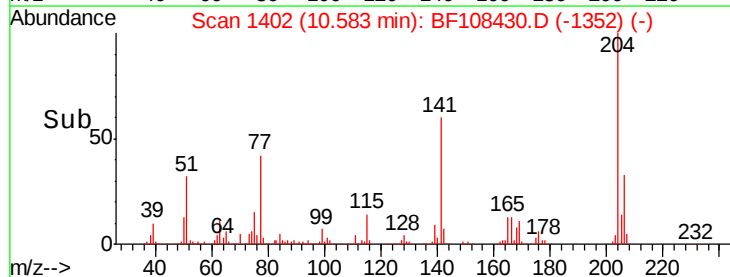
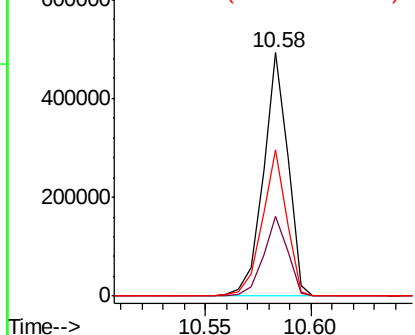


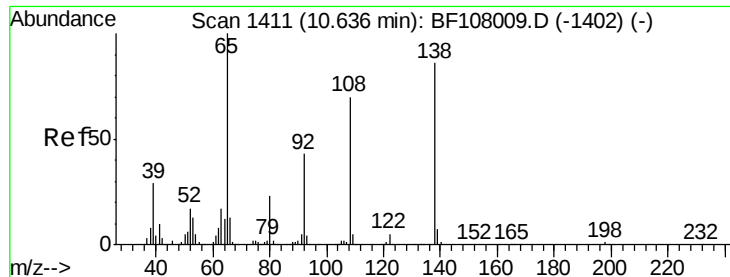
#60
4-Chlorophenyl-phenylether
Concen: 42.379 ng
RT: 10.58 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF108430.D
Acq: 23 Aug 2018 19:37

Tgt Ion:204 Resp: 396271
Ion Ratio Lower Upper
204 100
206 32.9 26.5 39.7
141 60.0 54.6 81.8



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

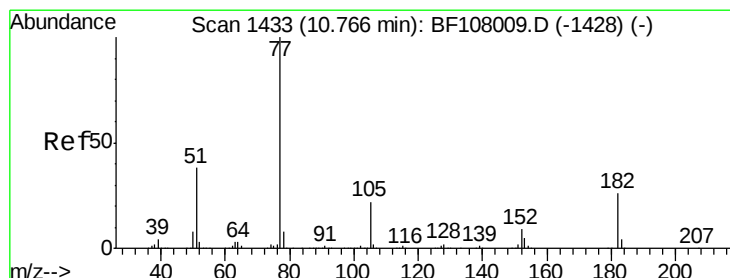
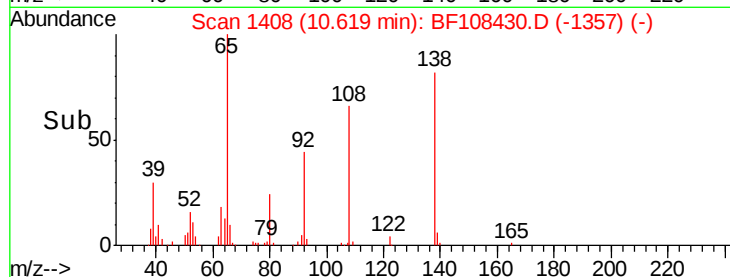
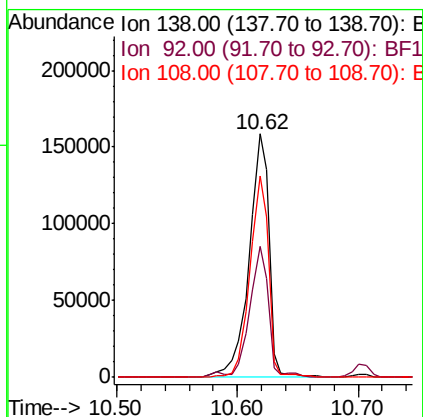
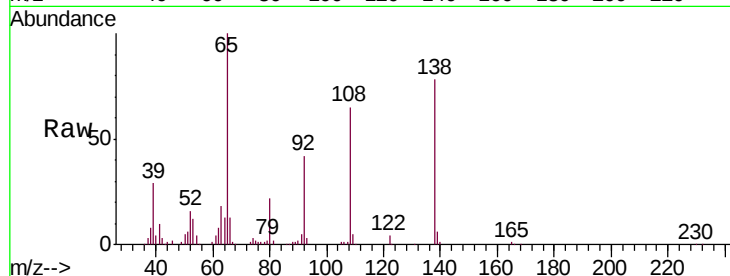




#61
4-Nitroaniline
Concen: 42.243 ng
RT: 10.62 min Scan# 1408
Delta R.T. -0.00 min
Lab File: BF108430.D
Acq: 23 Aug 2018 19:37

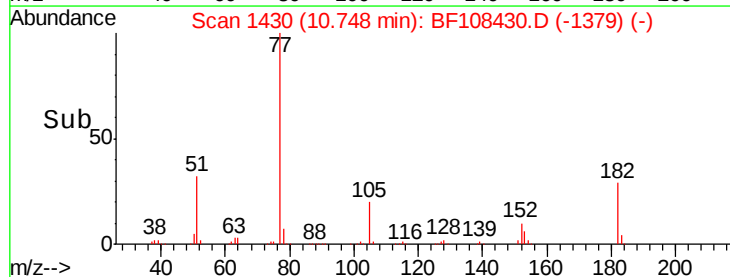
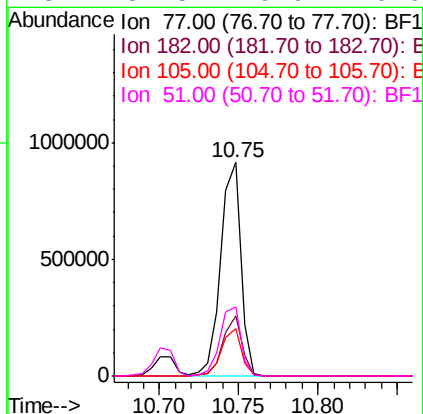
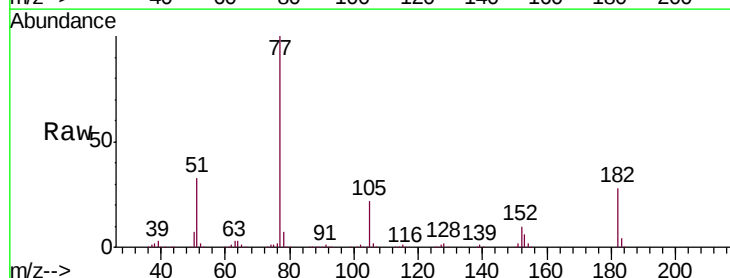
Instrument :
BNA_F
ClientSampleId :
PB112238BS

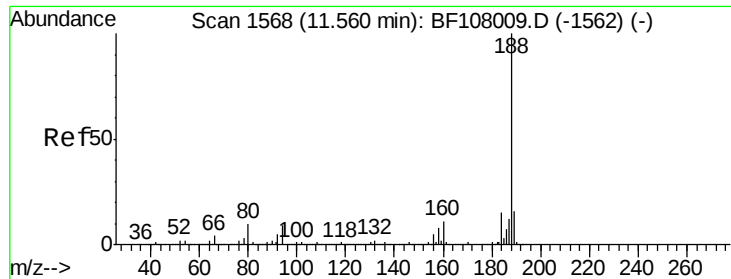
Tgt Ion: 138 Resp: 184666
Ion Ratio Lower Upper
138 100
92 53.9 30.2 70.2
108 82.9 52.5 92.5



#62
Azobenzene
Concen: 41.869 ng
RT: 10.75 min Scan# 1430
Delta R.T. -0.00 min
Lab File: BF108430.D
Acq: 23 Aug 2018 19:37

Tgt Ion: 77 Resp: 808750
Ion Ratio Lower Upper
77 100
182 28.3 1.7 41.7
105 22.2 3.0 43.0
51 32.5 9.9 49.9

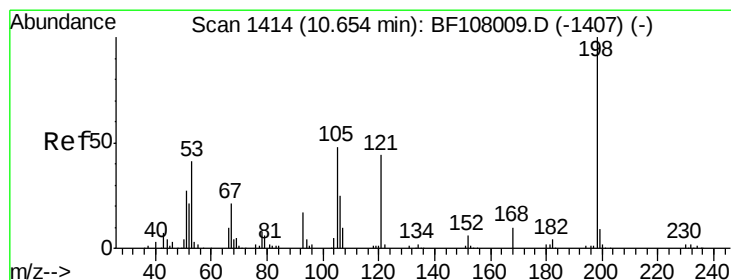
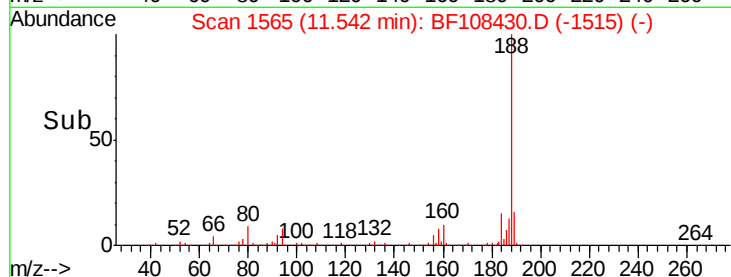
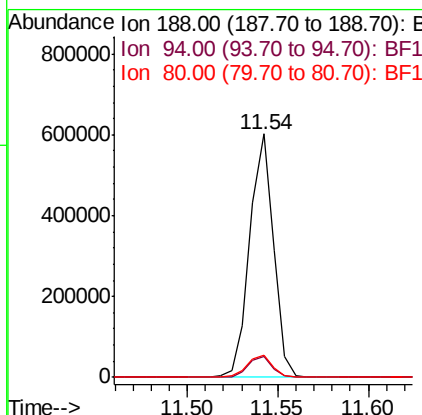
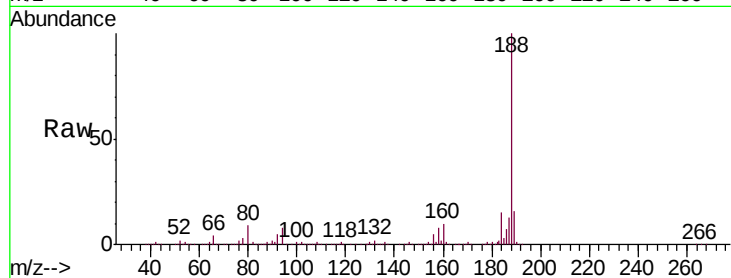




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF108430.D
Acq: 23 Aug 2018 19:37

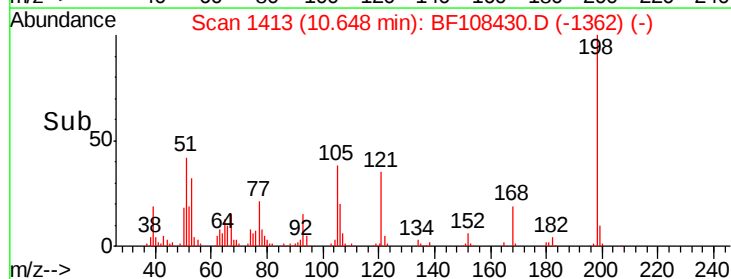
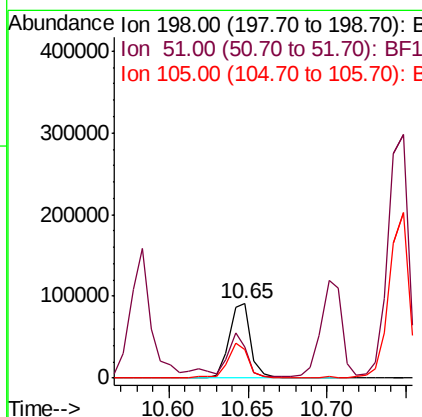
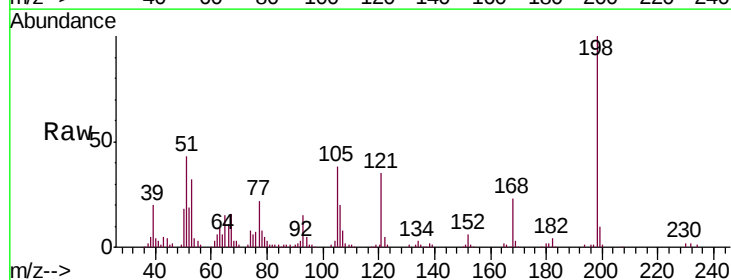
Instrument :
BNA_F
ClientSampleId :
PB112238BS

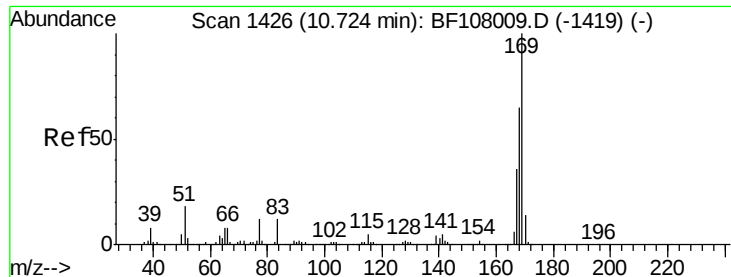
Tgt Ion:188 Resp: 548737
Ion Ratio Lower Upper
188 100
94 8.3 8.5 12.7#
80 9.3 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 42.197 ng
RT: 10.65 min Scan# 1413
Delta R.T. -0.00 min
Lab File: BF108430.D
Acq: 23 Aug 2018 19:37

Tgt Ion:198 Resp: 85430
Ion Ratio Lower Upper
198 100
51 42.6 37.7 77.7
105 38.2 36.3 76.3

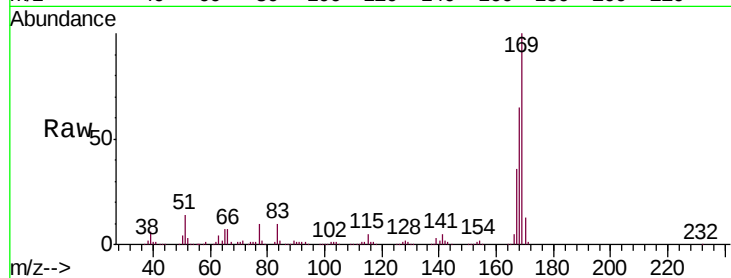




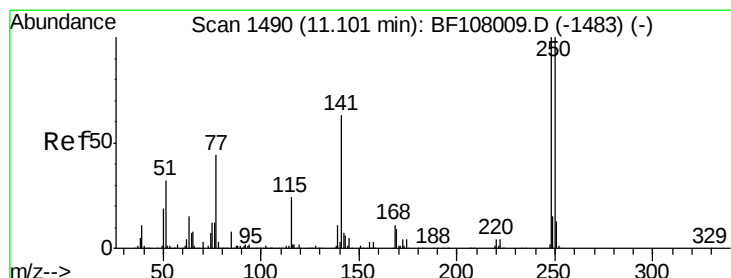
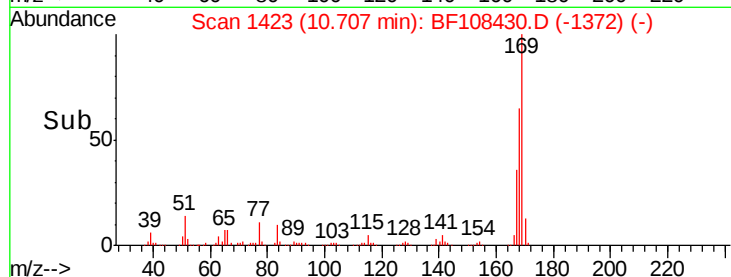
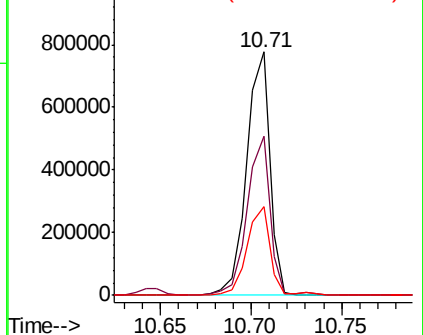
#65
 n-Nitrosodiphenylamine
 Concen: 42.711 ng
 RT: 10.71 min Scan# 1423
 Delta R.T. -0.00 min
 Lab File: BF108430.D
 Acq: 23 Aug 2018 19:37

Instrument :
 BNA_F
 ClientSampleId :
 PB112238BS

Tgt Ion:169 Resp: 692582
 Ion Ratio Lower Upper
 169 100
 168 65.4 54.4 81.6
 167 36.2 29.8 44.6

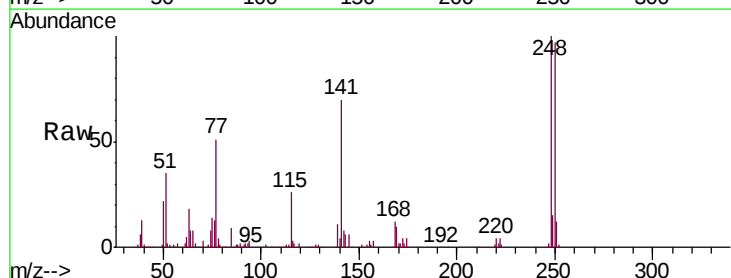


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

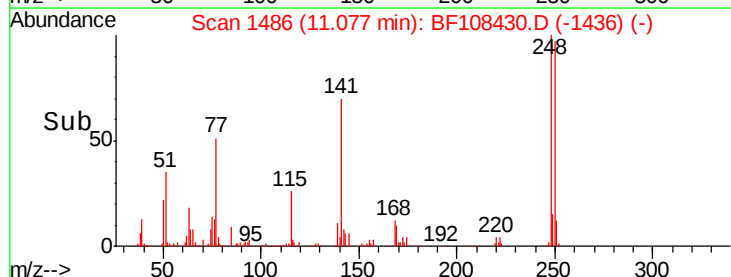
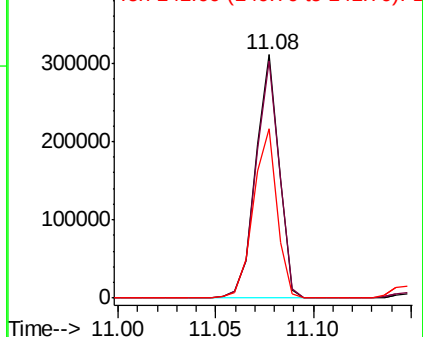


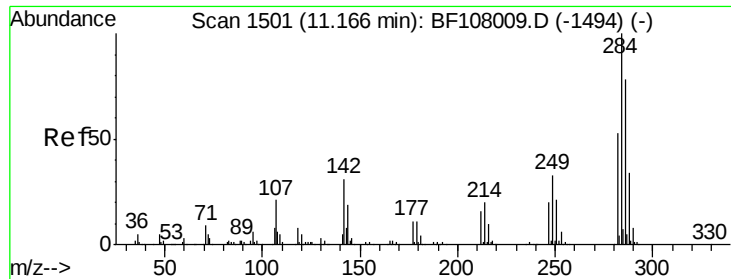
#66
 4-Bromophenyl-phenylether
 Concen: 43.195 ng
 RT: 11.08 min Scan# 1486
 Delta R.T. -0.01 min
 Lab File: BF108430.D
 Acq: 23 Aug 2018 19:37

Tgt Ion:248 Resp: 257583
 Ion Ratio Lower Upper
 248 100
 250 97.5 76.9 115.3
 141 69.8 74.4 111.6#



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

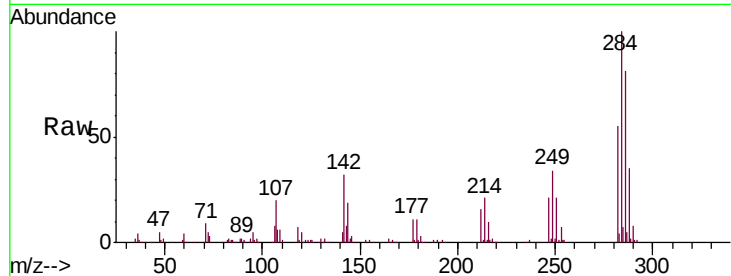




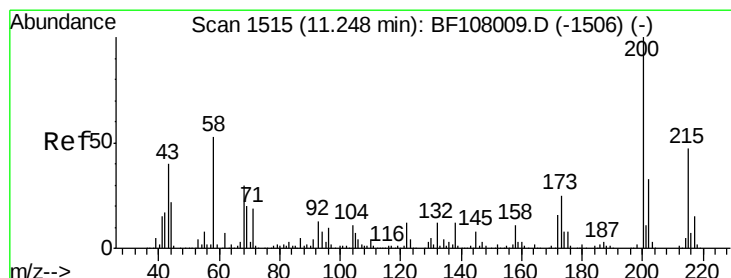
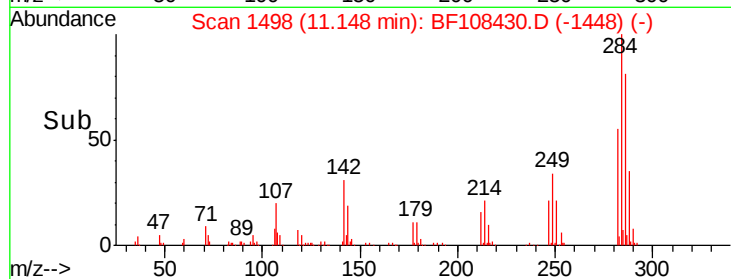
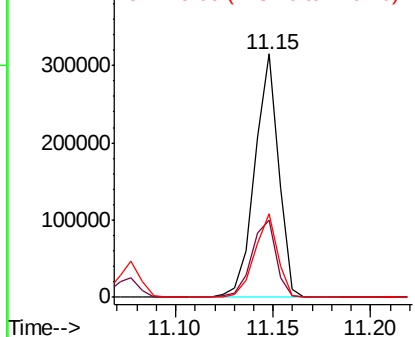
#67
Hexachlorobenzene
Concen: 42.349 ng
RT: 11.15 min Scan# 1498
Delta R.T. -0.01 min
Lab File: BF108430.D
Acq: 23 Aug 2018 19:37

Instrument :
BNA_F
ClientSampleId :
PB112238BS

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.6	34.6	52.0#
249	34.4	24.8	37.2

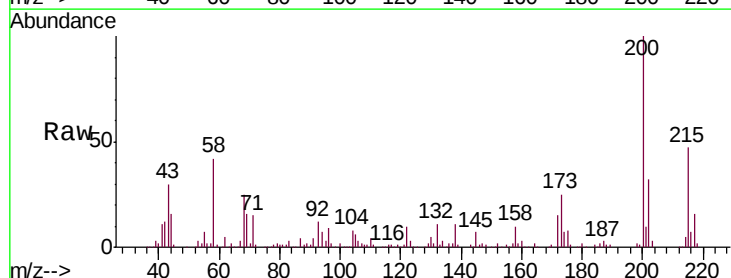


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

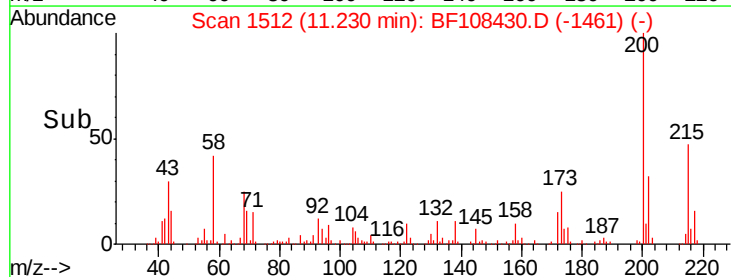
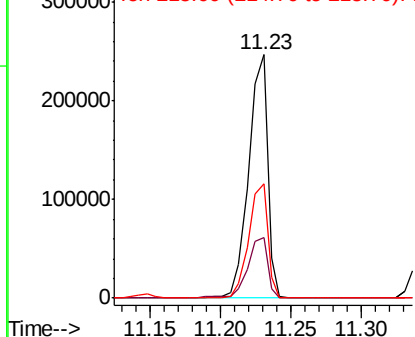


#68
Atrazine
Concen: 43.019 ng
RT: 11.23 min Scan# 1512
Delta R.T. -0.00 min
Lab File: BF108430.D
Acq: 23 Aug 2018 19:37

Tgt Ion	Ratio	Lower	Upper
200	100		
173	24.8	8.6	48.6
215	47.1	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

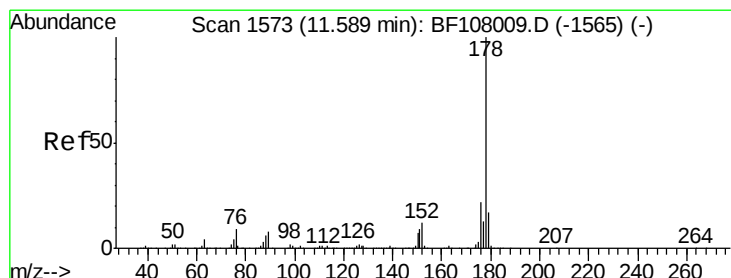
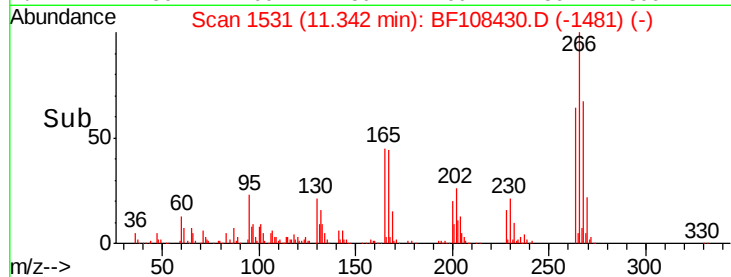
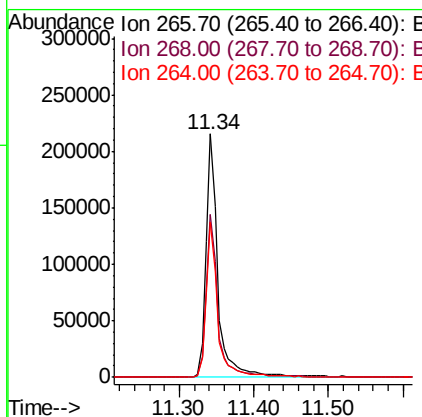
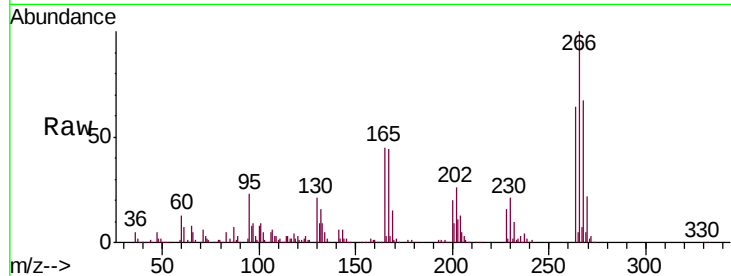




#69
 Pentachlorophenol
 Concen: 80.913 ng
 RT: 11.34 min Scan# 1531
 Delta R.T. -0.01 min
 Lab File: BF108430.D
 Acq: 23 Aug 2018 19:37

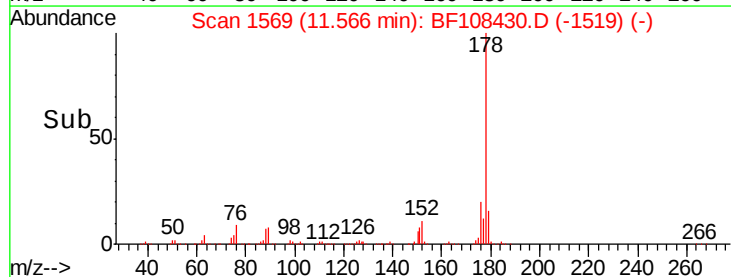
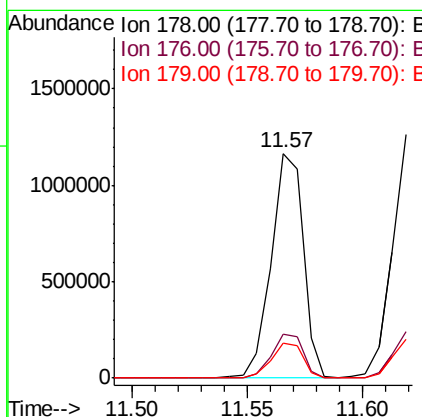
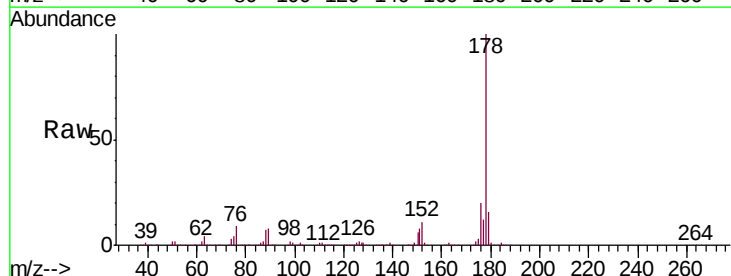
Instrument :
 BNA_F
 ClientSampleId :
 PB112238BS

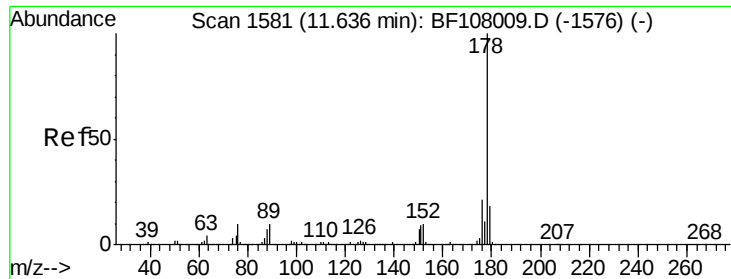
Tgt Ion:266 Resp: 242996
 Ion Ratio Lower Upper
 266 100
 268 67.2 51.1 76.7
 264 63.6 49.5 74.3



#70
 Phenanthrene
 Concen: 43.463 ng
 RT: 11.57 min Scan# 1569
 Delta R.T. -0.01 min
 Lab File: BF108430.D
 Acq: 23 Aug 2018 19:37

Tgt Ion:178 Resp: 1124915
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.8 23.8
 179 15.9 13.0 19.6

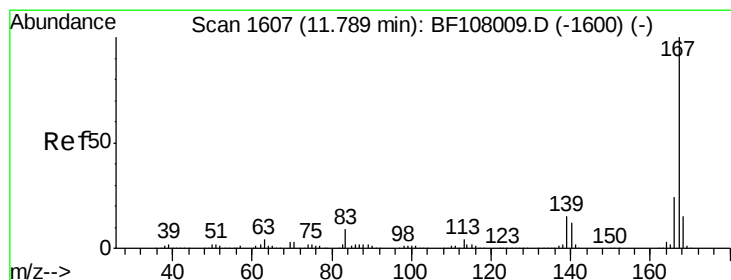
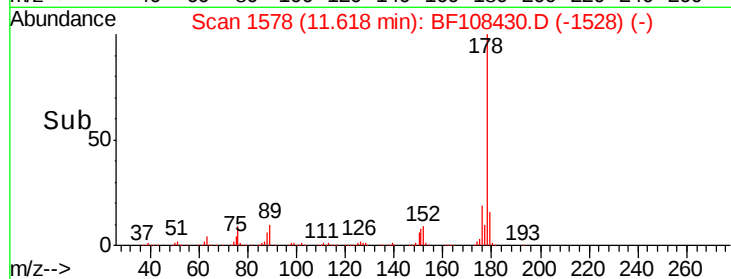
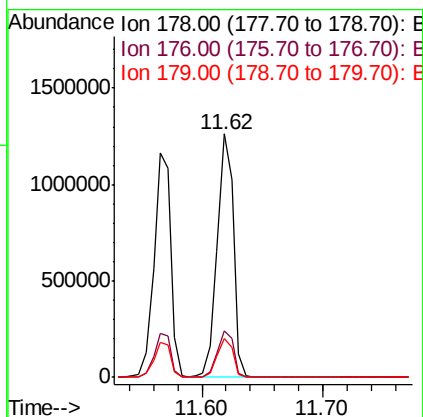
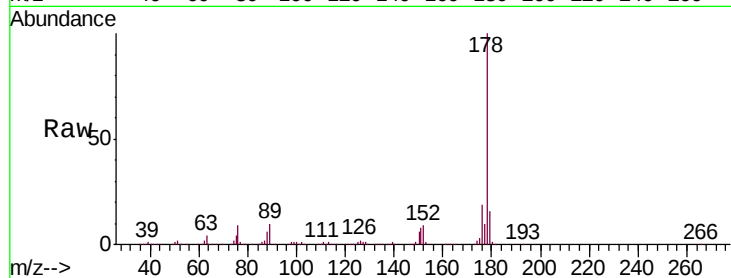




#71
 Anthracene
 Concen: 43.599 ng
 RT: 11.62 min Scan# 1578
 Delta R.T. -0.01 min
 Lab File: BF108430.D
 Acq: 23 Aug 2018 19:37

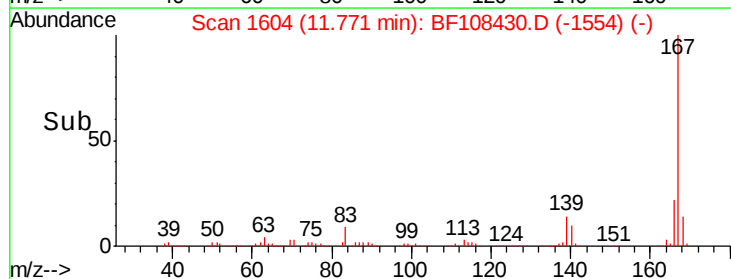
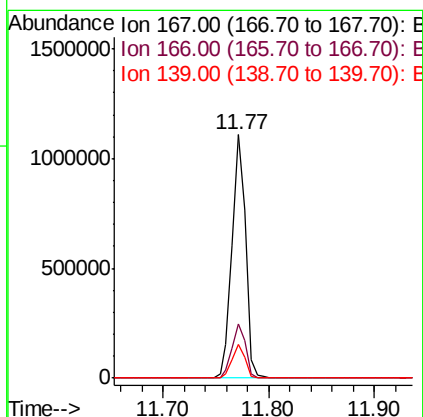
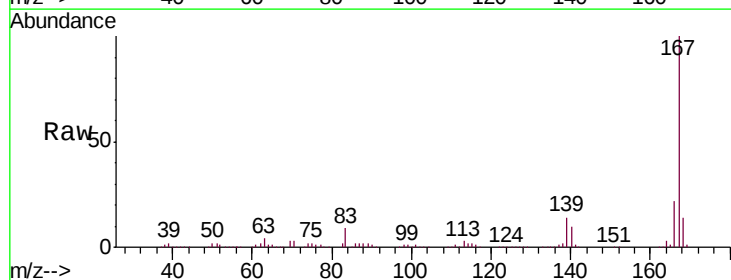
Instrument :
 BNA_F
 ClientSampleId :
 PB112238BS

Tgt Ion:178 Resp: 1156558
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.4 23.2
 179 16.1 12.6 19.0



#72
 Carbazole
 Concen: 41.589 ng
 RT: 11.77 min Scan# 1604
 Delta R.T. -0.01 min
 Lab File: BF108430.D
 Acq: 23 Aug 2018 19:37

Tgt Ion:167 Resp: 980206
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.6 26.4
 139 13.6 10.9 16.3





#73

Di-n-butylphthalate

Concen: 45.329 ng

RT: 12.08 min Scan# 1657

Delta R.T. -0.01 min

Lab File: BF108430.D

Acq: 23 Aug 2018 19:37

Instrument :

BNA_F

ClientSampleId :

PB112238BS

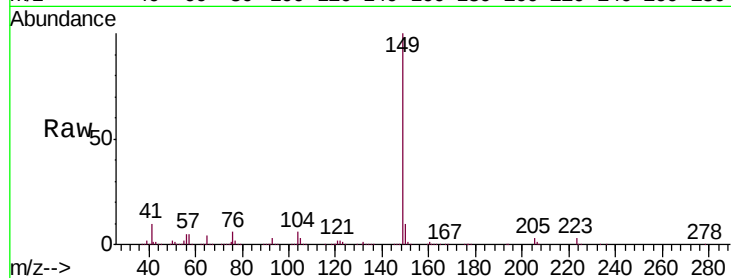
Tgt Ion:149 Resp: 1210111

Ion Ratio Lower Upper

149 100

150 9.5 7.8 11.6

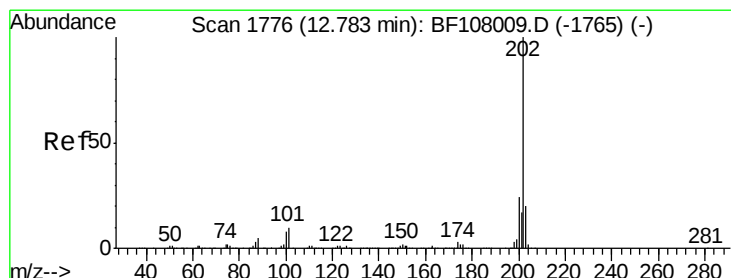
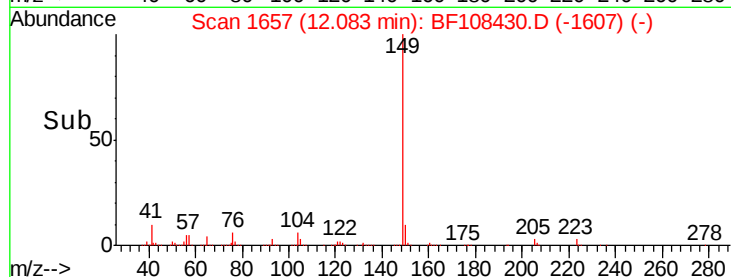
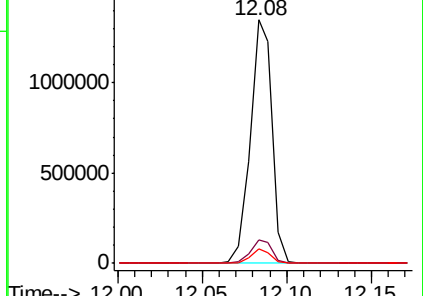
104 5.7 3.8 5.8



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: 42.338 ng

RT: 12.76 min Scan# 1772

Delta R.T. -0.01 min

Lab File: BF108430.D

Acq: 23 Aug 2018 19:37

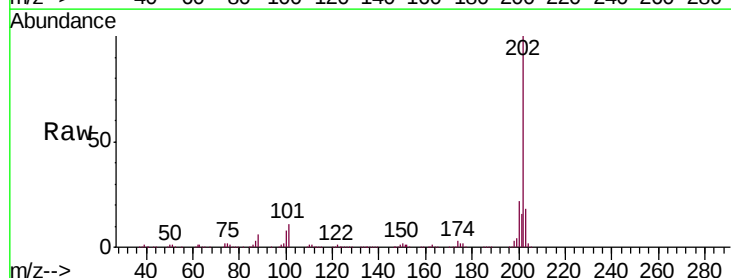
Tgt Ion:202 Resp: 1195913

Ion Ratio Lower Upper

202 100

101 10.9 0.0 34.1

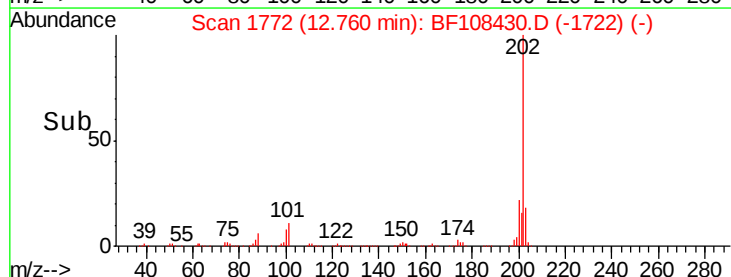
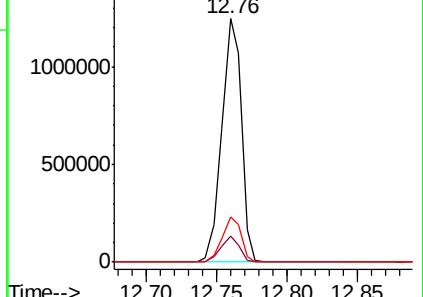
203 18.3 0.0 38.1

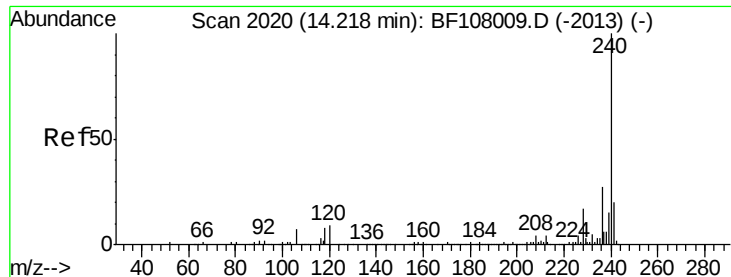


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.19 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BF108430.D

Acq: 23 Aug 2018 19:37

Instrument :

BNA_F

ClientSampleId :

PB112238BS

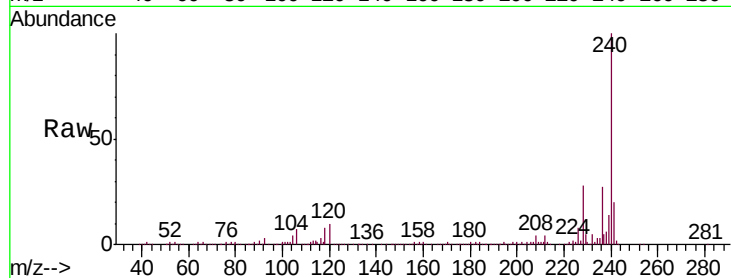
Tgt Ion:240 Resp: 364050

Ion Ratio Lower Upper

240 100

120 9.9 9.5 14.3

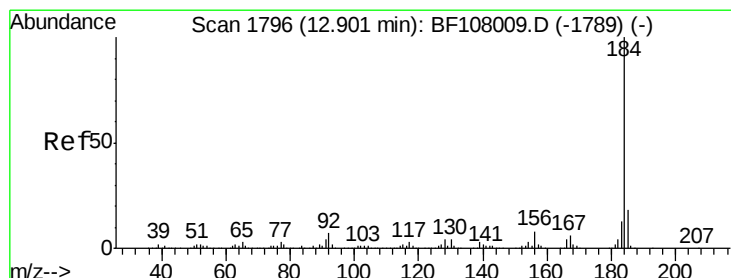
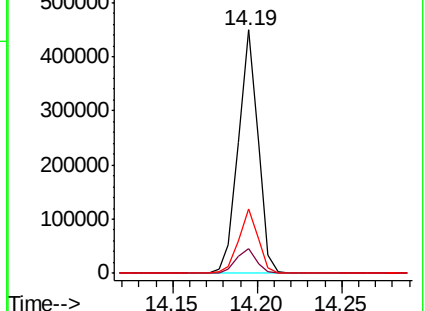
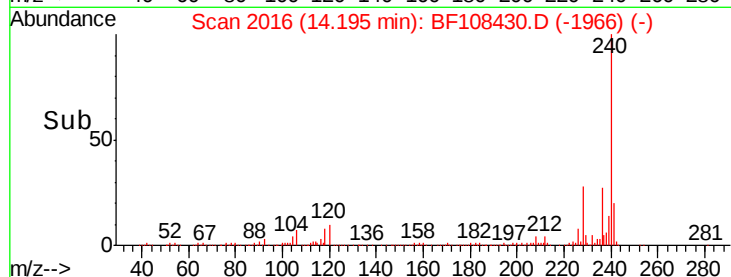
236 26.6 20.7 31.1



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: 38.244 ng

RT: 12.88 min Scan# 1792

Delta R.T. -0.01 min

Lab File: BF108430.D

Acq: 23 Aug 2018 19:37

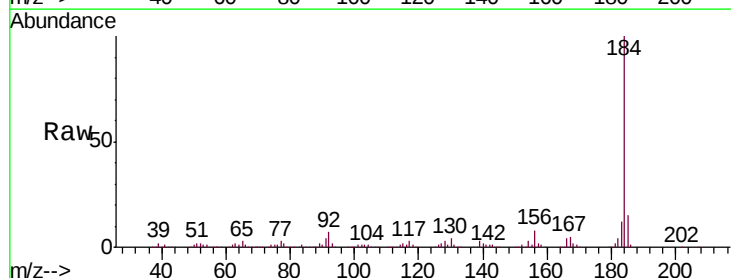
Tgt Ion:184 Resp: 520193

Ion Ratio Lower Upper

184 100

185 15.3 12.6 18.8

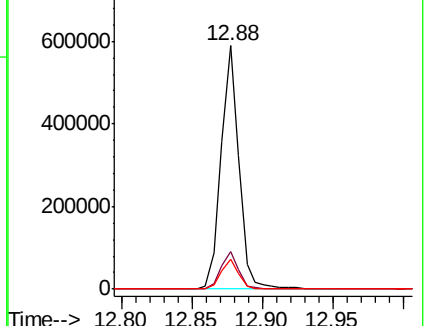
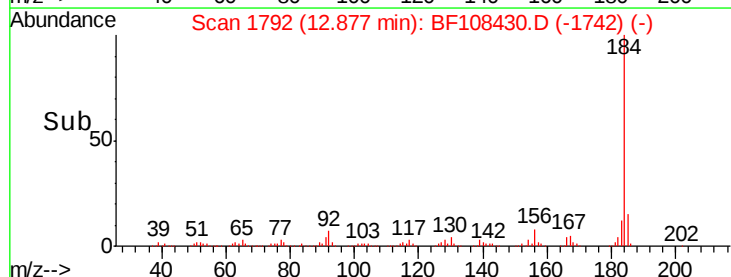
183 12.1 9.3 13.9



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



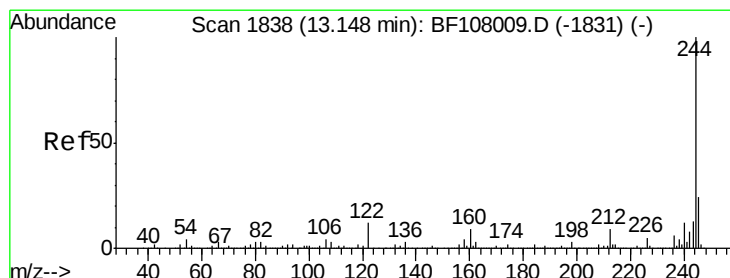
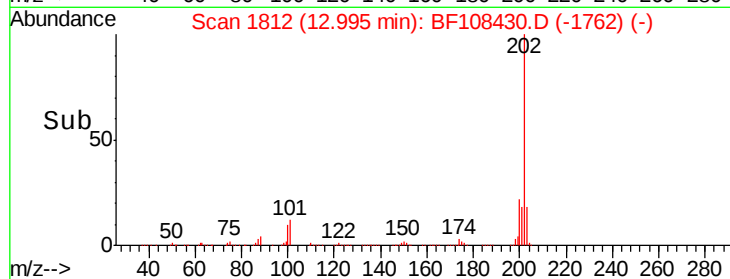
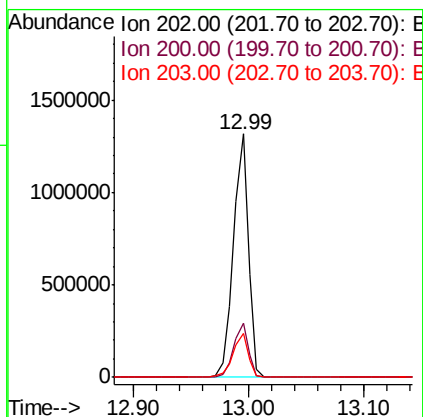
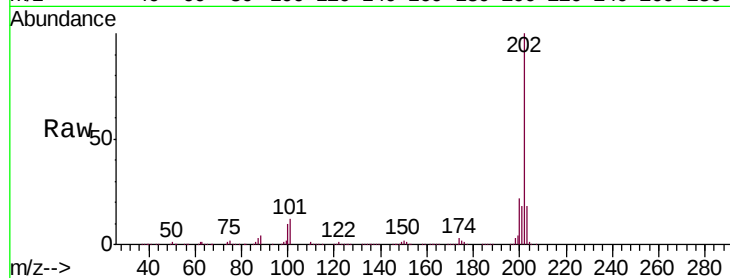


#77
 Pyrene
 Concen: 51.497 ng
 RT: 12.99 min Scan# 1812
 Delta R.T. -0.01 min
 Lab File: BF108430.D
 Acq: 23 Aug 2018 19:37

Instrument :
 BNA_F
 ClientSampleId :
 PB112238BS

Tgt Ion: 202 Resp: 1186903

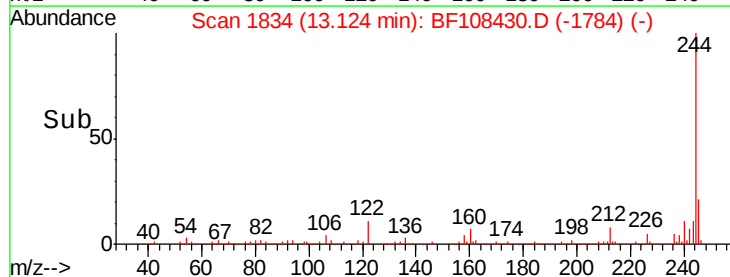
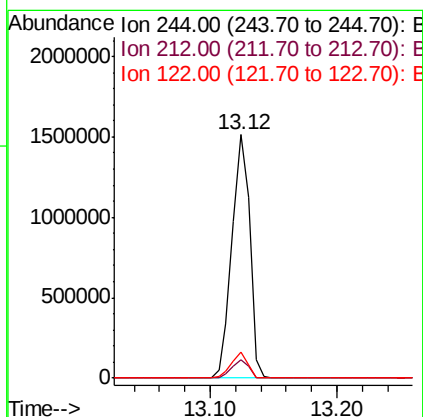
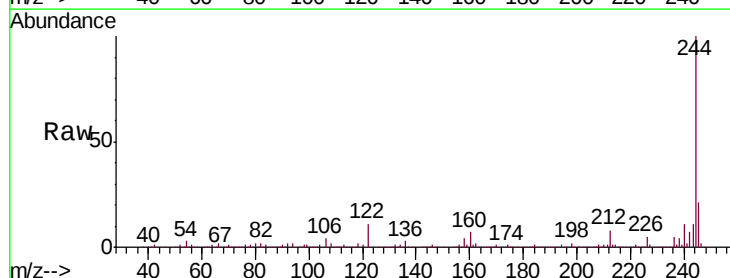
Ion	Ratio	Lower	Upper
202	100		
200	22.2	17.4	26.2
203	17.8	14.3	21.5

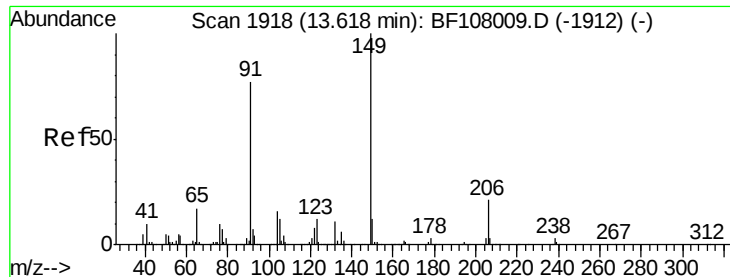


#78
 Terphenyl-d14
 Concen: 101.826 ng
 RT: 13.12 min Scan# 1834
 Delta R.T. -0.01 min
 Lab File: BF108430.D
 Acq: 23 Aug 2018 19:37

Tgt Ion: 244 Resp: 1457970

Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.4	8.0
122	10.9	11.0	16.4#





#79

Butylbenzylphthalate

Concen: 50.588 ng

RT: 13.59 min Scan# 1914

Delta R.T. -0.01 min

Lab File: BF108430.D

Acq: 23 Aug 2018 19:37

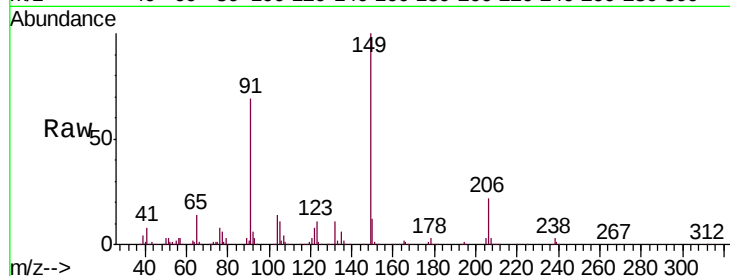
Instrument :

BNA_F

ClientSampleId :

PB112238BS

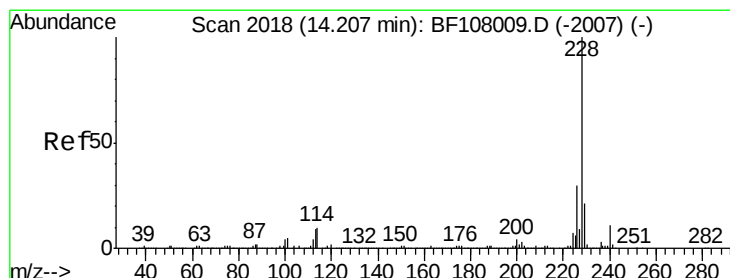
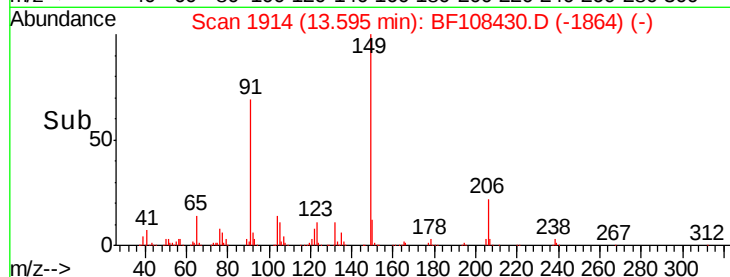
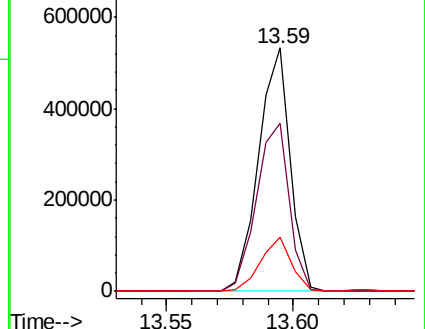
Tgt Ion:	149	Resp:	462982
Ion Ratio	Lower	Upper	
149	100		
91	69.1	56.8	85.2
206	22.0	14.1	21.1#



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: 43.384 ng

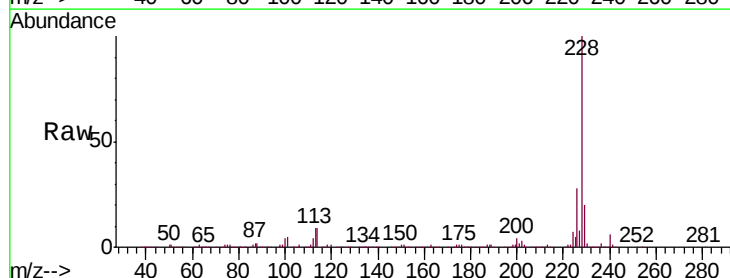
RT: 14.18 min Scan# 2014

Delta R.T. -0.01 min

Lab File: BF108430.D

Acq: 23 Aug 2018 19:37

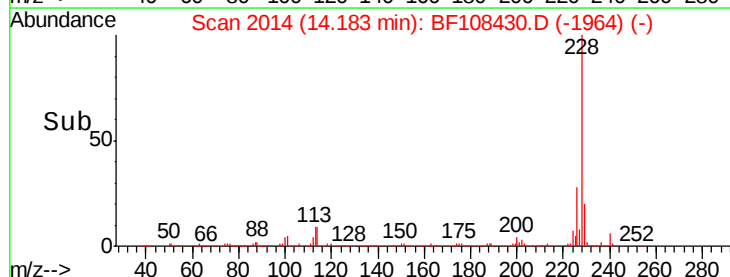
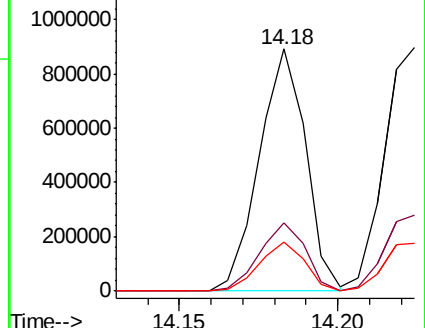
Tgt Ion:	228	Resp:	906404
Ion Ratio	Lower	Upper	
228	100		
226	28.1	22.6	33.8
229	20.3	15.8	23.6

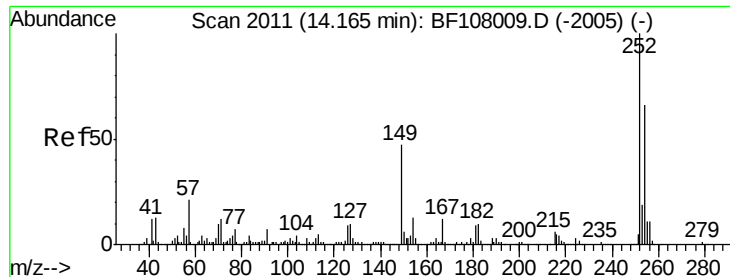


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

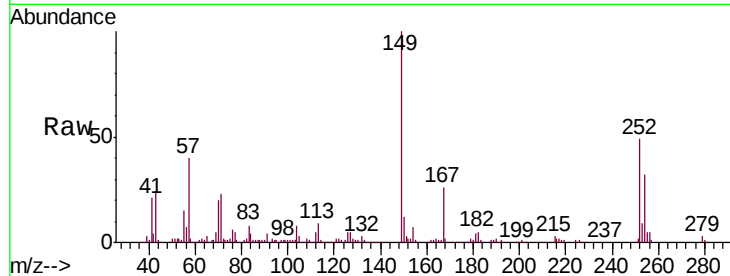




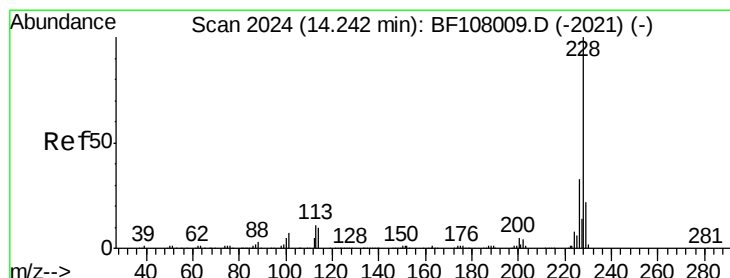
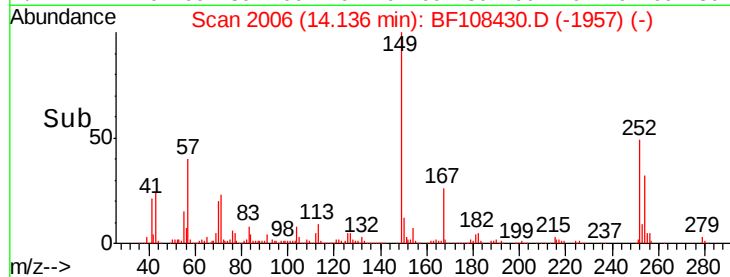
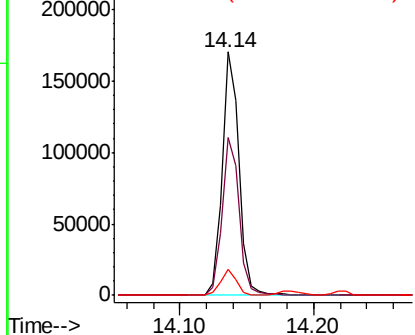
#81
 3,3'-Dichlorobenzidine
 Concen: 20.285 ng
 RT: 14.14 min Scan# 2006
 Delta R.T. -0.01 min
 Lab File: BF108430.D
 Acq: 23 Aug 2018 19:37

Instrument :
 BNA_F
 ClientSampleId :
 PB112238BS

Tgt Ion: 252 Resp: 151882
 Ion Ratio Lower Upper
 252 100
 254 64.7 50.4 75.6
 126 10.4 11.3 16.9#

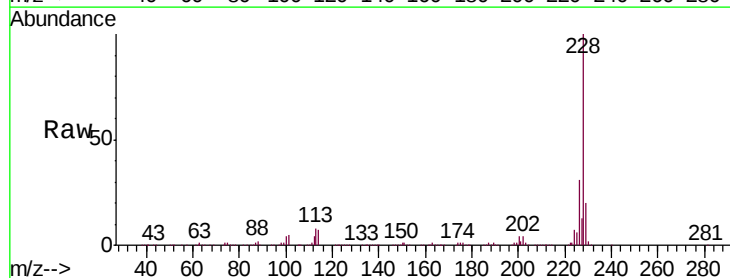


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

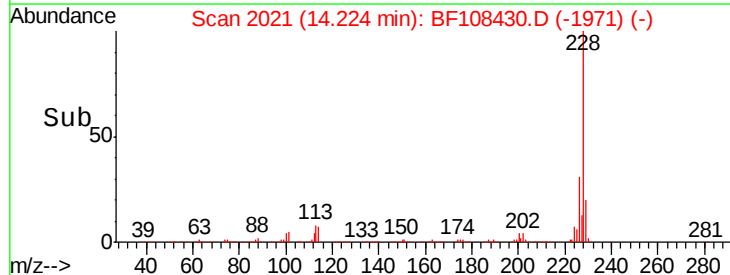
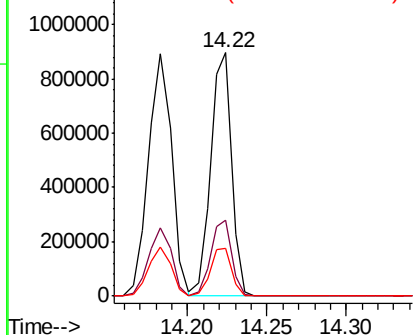


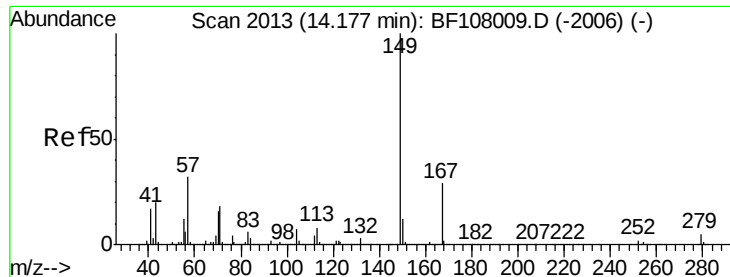
#82
 Chrysene
 Concen: 43.004 ng
 RT: 14.22 min Scan# 2021
 Delta R.T. -0.01 min
 Lab File: BF108430.D
 Acq: 23 Aug 2018 19:37

Tgt Ion: 228 Resp: 823706
 Ion Ratio Lower Upper
 228 100
 226 31.2 25.0 37.6
 229 19.7 16.2 24.4



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

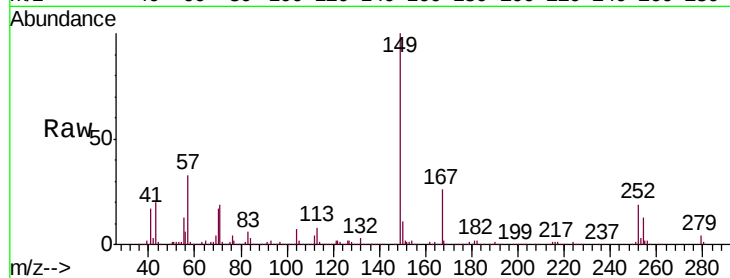




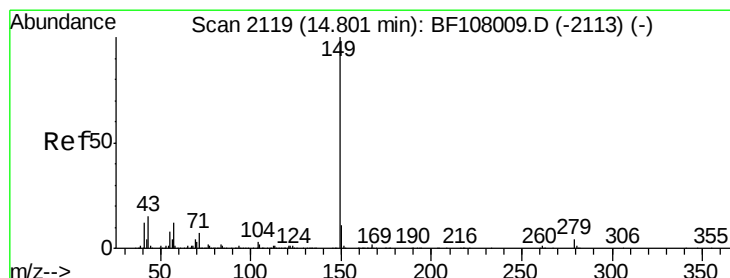
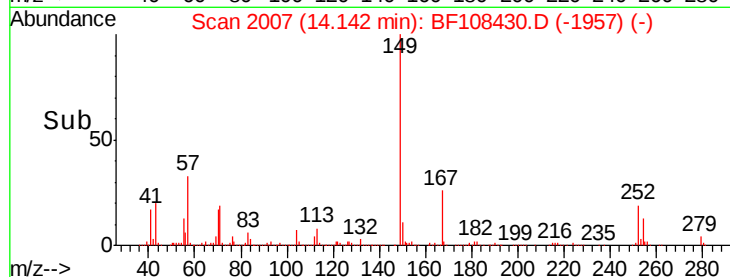
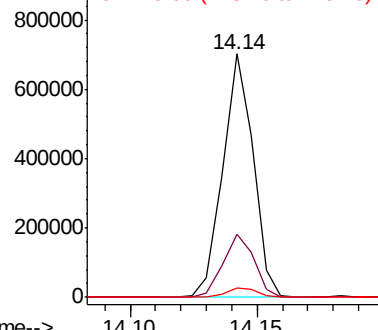
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 47.447 ng
 RT: 14.14 min Scan# 2007
 Delta R.T. -0.01 min
 Lab File: BF108430.D
 Acq: 23 Aug 2018 19:37

Instrument :
 BNA_F
 ClientSampleId :
 PB112238BS

Tgt Ion:149 Resp: 588042
 Ion Ratio Lower Upper
 149 100
 167 26.0 21.3 31.9
 279 3.9 3.0 4.4

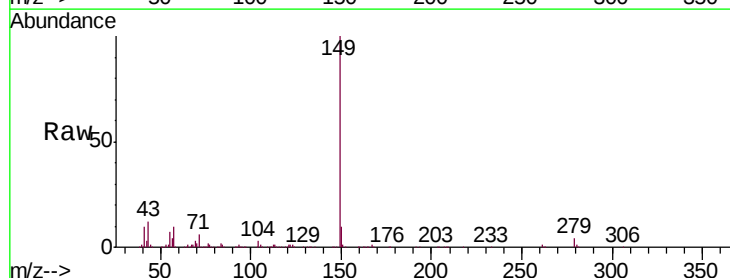


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

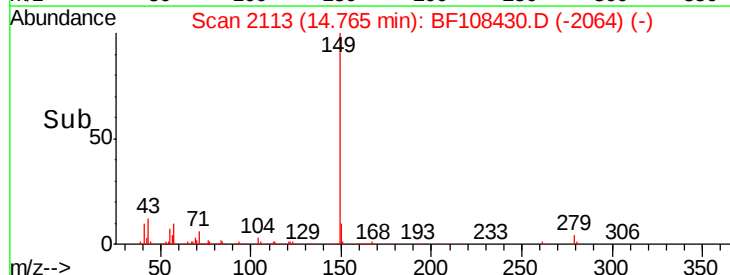
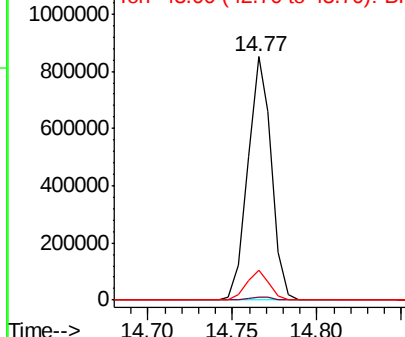


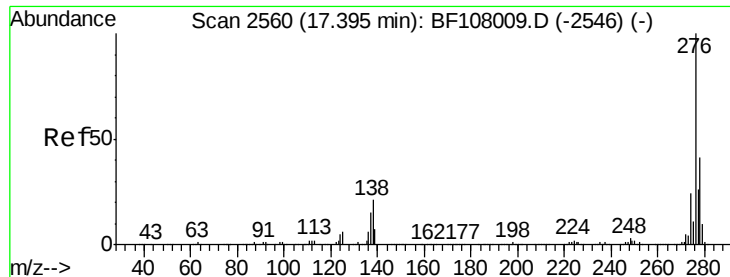
#84
 Di-n-octyl phthalate
 Concen: 43.675 ng
 RT: 14.77 min Scan# 2113
 Delta R.T. -0.01 min
 Lab File: BF108430.D
 Acq: 23 Aug 2018 19:37

Tgt Ion:149 Resp: 825519
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 11.8 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

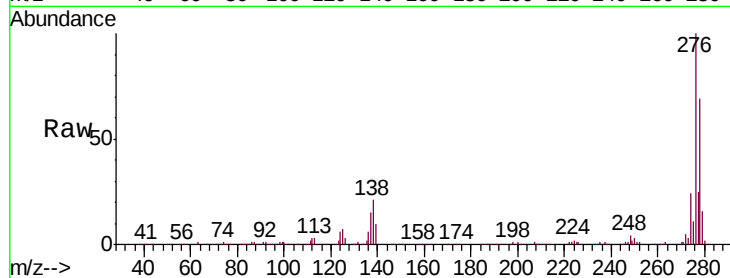




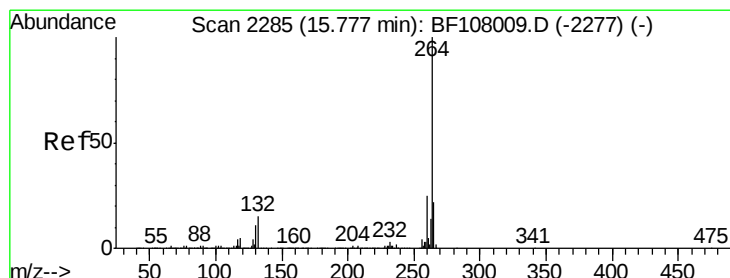
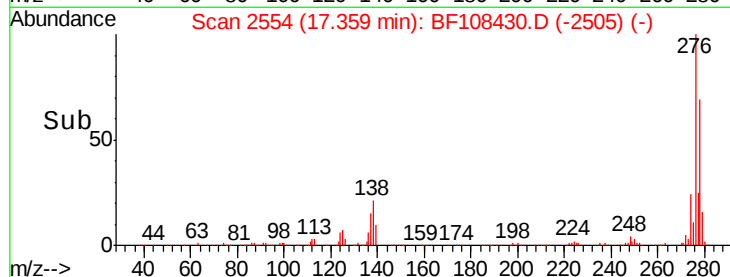
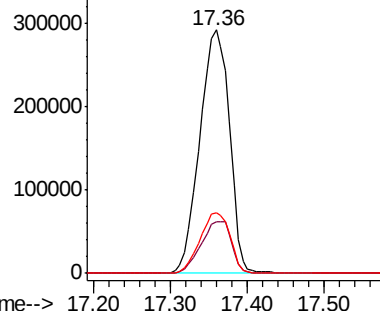
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 47.598 ng
 RT: 17.36 min Scan# 2554
 Delta R.T. -0.01 min
 Lab File: BF108430.D
 Acq: 23 Aug 2018 19:37

Instrument :
 BNA_F
 ClientSampleId :
 PB112238BS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.9	25.0	37.6#
277	25.0	20.1	30.1

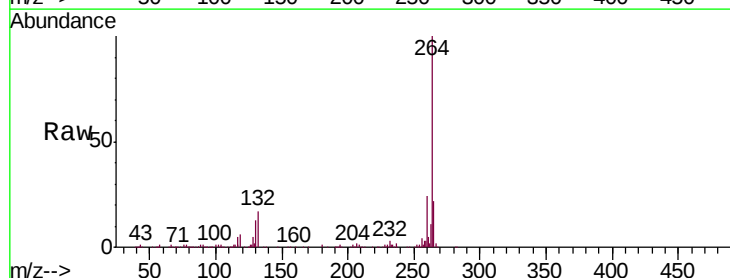


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

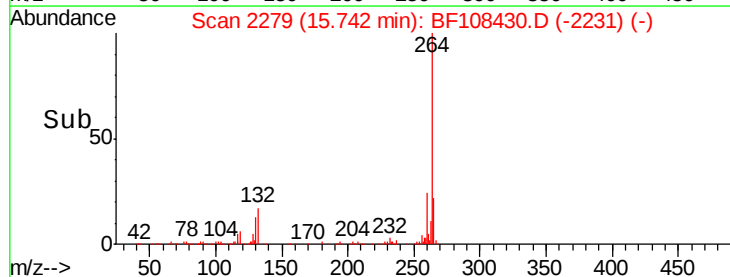
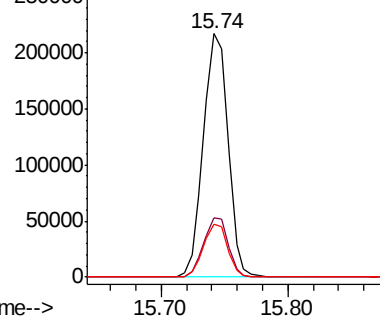


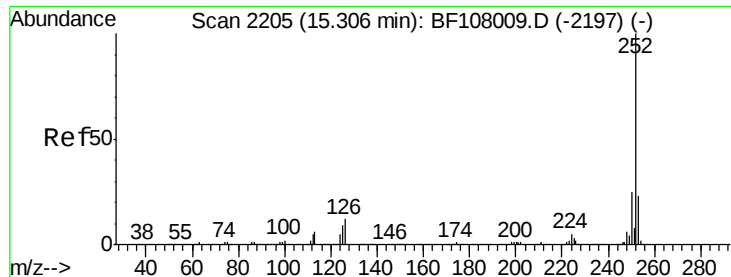
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.74 min Scan# 2279
 Delta R.T. -0.02 min
 Lab File: BF108430.D
 Acq: 23 Aug 2018 19:37

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.7	17.5	26.3



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

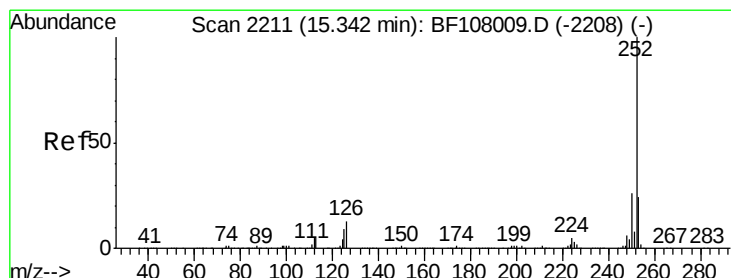
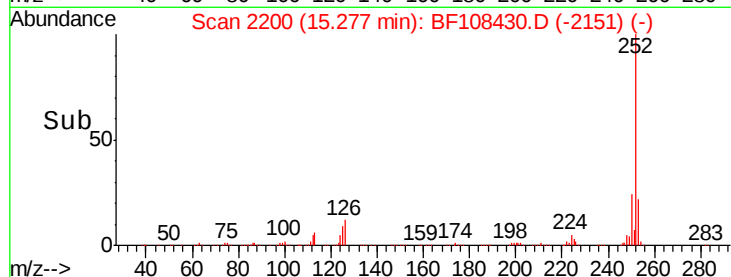
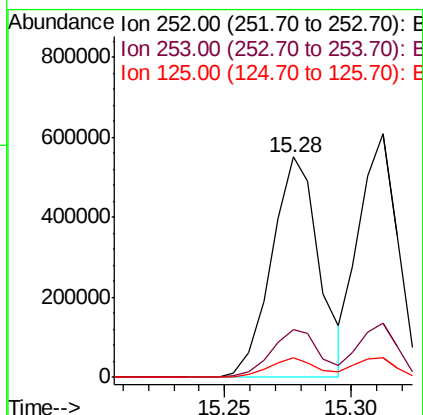
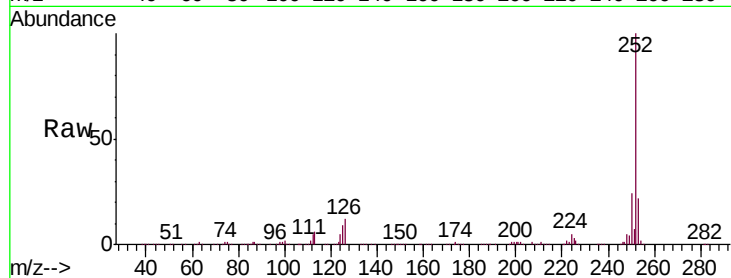




#87
Benzo(b)fluoranthene
Concen: 41.269 ng
RT: 15.28 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BF108430.D
Acq: 23 Aug 2018 19:37

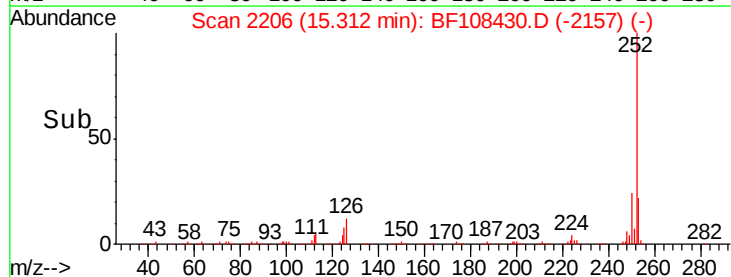
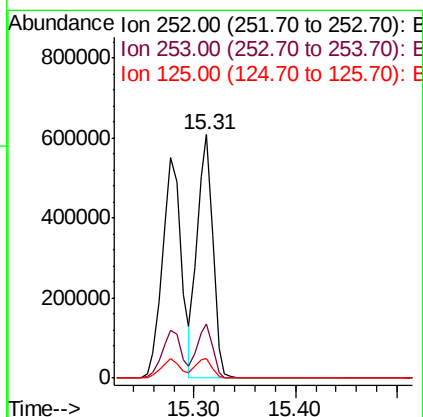
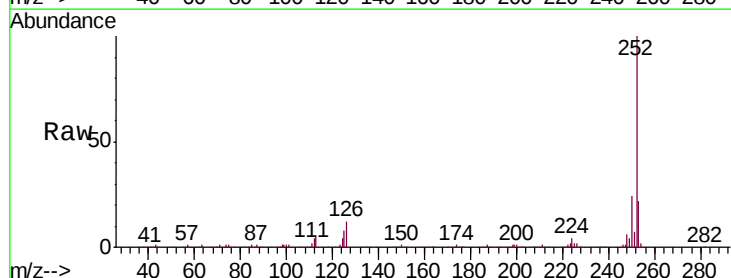
Instrument :
BNA_F
ClientSampleId :
PB112238BS

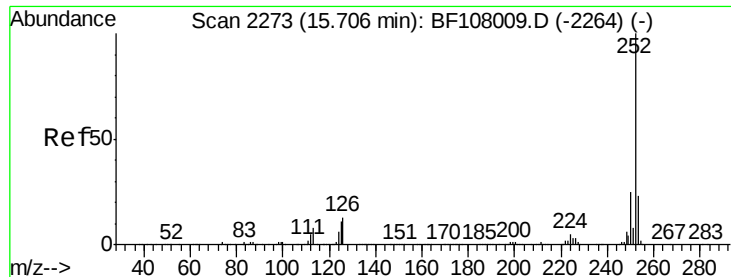
Tgt Ion:252 Resp: 720690
Ion Ratio Lower Upper
252 100
253 21.9 17.0 25.6
125 9.0 9.0 13.6#



#88
Benzo(k)fluoranthene
Concen: 40.656 ng
RT: 15.31 min Scan# 2206
Delta R.T. -0.01 min
Lab File: BF108430.D
Acq: 23 Aug 2018 19:37

Tgt Ion:252 Resp: 652640
Ion Ratio Lower Upper
252 100
253 22.3 17.9 26.9
125 8.3 10.2 15.2#





#89

Benzo(a)pyrene

Concen: 42.343 ng

RT: 15.68 min Scan# 2268

Delta R.T. -0.01 min

Lab File: BF108430.D

Acq: 23 Aug 2018 19:37

Instrument :

BNA_F

ClientSampleId :

PB112238BS

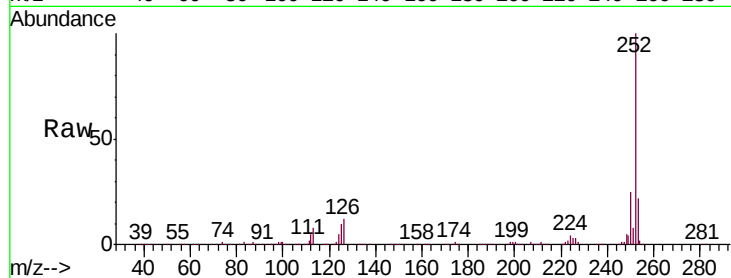
Tgt Ion:252 Resp: 662142

Ion Ratio Lower Upper

252 100

253 22.2 17.1 25.7

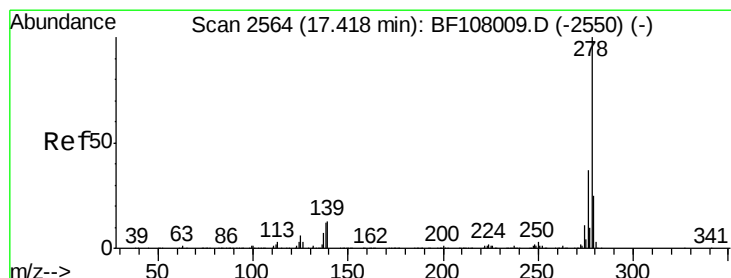
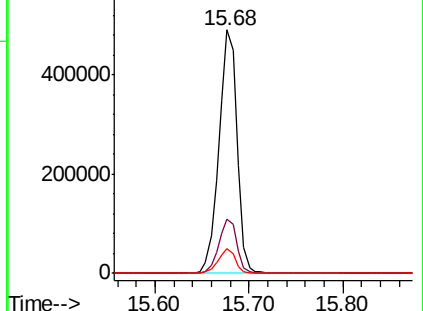
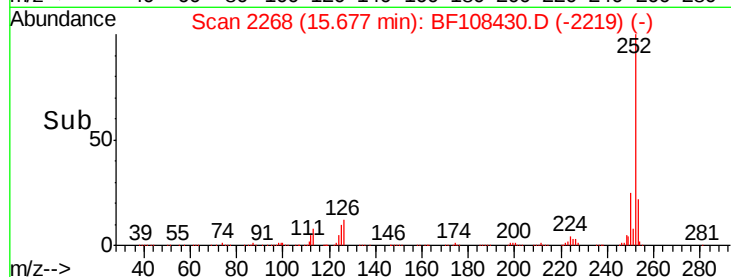
125 9.9 9.8 14.6



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: 51.215 ng

RT: 17.38 min Scan# 2557

Delta R.T. -0.01 min

Lab File: BF108430.D

Acq: 23 Aug 2018 19:37

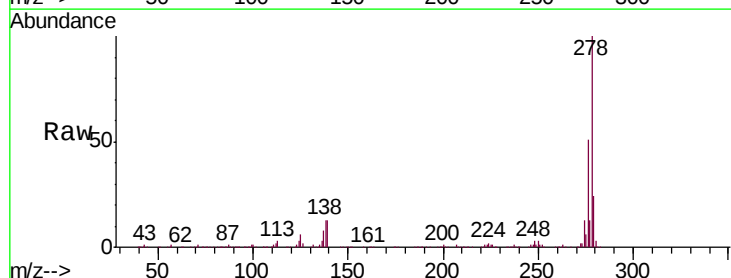
Tgt Ion:278 Resp: 662663

Ion Ratio Lower Upper

278 100

139 12.8 15.9 23.9#

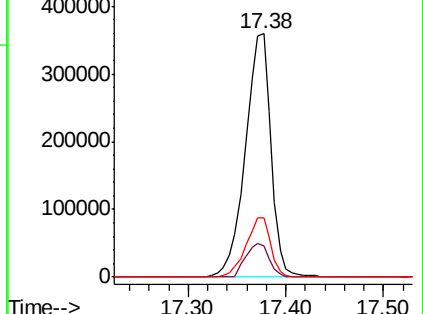
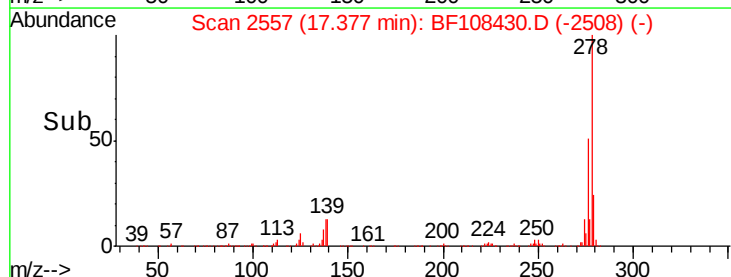
279 24.1 19.0 28.4

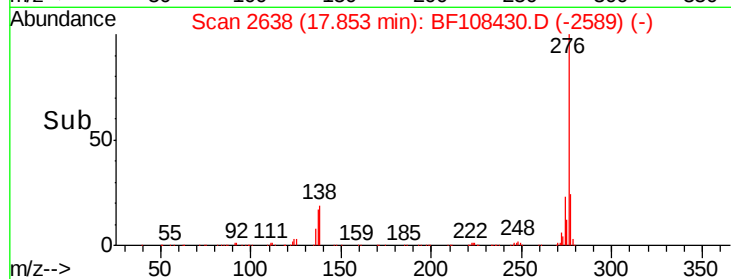
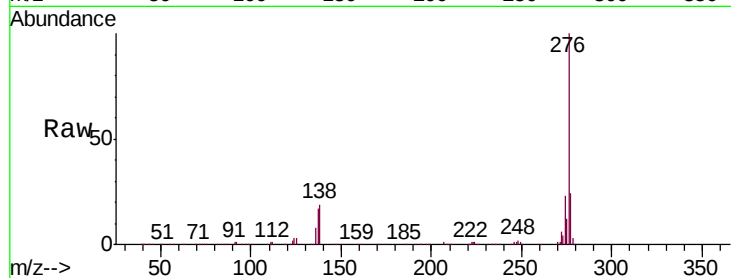


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 52.513 ng

RT: 17.85 min Scan# 2638

Delta R.T. -0.01 min

Lab File: BF108430.D

Acq: 23 Aug 2018 19:37

Instrument :

BNA_F

ClientSampleId :

PB112238BS

Tgt Ion: 276 Resp: 669049

Ion Ratio Lower Upper

276 100

277 23.7 17.9 26.9

138 18.6 21.8 32.8#

