

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081618\
 Data File : BF108192.D
 Acq On : 16 Aug 2018 13:56
 Operator : JU/SJ
 Sample : PB112104BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 16 14:47:10 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 08 12:24:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	192767	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	769167	20.00	ng	0.00
38) Acenaphthene-d10	10.07	164	388153	20.00	ng	0.00
63) Phenanthrene-d10	11.56	188	764686	20.00	ng	0.00
75) Chrysene-d12	14.22	240	626583	20.00	ng	0.00
86) Perylene-d12	15.78	264	532839	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.66	112	1494732	140.38	ng	0.03
7) Phenol-d6	6.64	99	2023902	143.04	ng	0.01
23) Nitrobenzene-d5	7.58	82	1073990	77.92	ng	0.00
41) 2,4,6-Tribromophenol	10.86	330	598896	154.68	ng	0.00
44) 2-Fluorobiphenyl	9.38	172	2009164	83.10	ng	0.00
78) Terphenyl-d14	13.15	244	2152287	87.34	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.05	88	206857	37.810	ng	90
3) Pyridine	3.78	79	566252	40.179	ng	89
4) n-Nitrosodimethylamine	3.75	42	303481	38.269	ng	86
6) Aniline	6.68	93	624611	32.455	ng	96
8) 2-Chlorophenol	6.81	128	505558	42.158	ng	99
9) Benzaldehyde	6.57	77	305028	27.806	ng	99
10) Phenol	6.65	94	605631	41.381	ng	89
11) bis(2-Chloroethyl)ether	6.75	93	494140	41.762	ng	90
12) 1,3-Dichlorobenzene	6.96	146	583353	42.071	ng	99
13) 1,4-Dichlorobenzene	7.03	146	579560	41.602	ng	100
14) 1,2-Dichlorobenzene	7.19	146	541500	41.788	ng	96
15) Benzyl Alcohol	7.15	79	474720	39.855	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.28	45	965071	39.592	ng	97
17) 2-Methylphenol	7.26	107	433647	42.168	ng	95
18) Hexachloroethane	7.53	117	212968	42.939	ng	91
19) n-Nitroso-di-n-propylamine	7.42	70	386180	40.362	ng	92
20) 3+4-Methylphenols	7.41	107	543034	41.206	ng	91
22) Acetophenone	7.42	105	737190	40.989	ng	# 94
24) Nitrobenzene	7.60	77	574111	41.189	ng	97
25) Isophorone	7.84	82	1050142	39.971	ng	98
26) 2-Nitrophenol	7.91	139	248901	47.285	ng	88
27) 2,4-Dimethylphenol	7.94	122	478313	41.019	ng	97
28) bis(2-Chloroethoxy)methane	8.04	93	628055	40.949	ng	99
29) 2,4-Dichlorophenol	8.15	162	459767	42.845	ng	97
30) 1,2,4-Trichlorobenzene	8.24	180	487982	41.245	ng	97
31) Naphthalene	8.32	128	1476651	42.214	ng	99
32) Benzoic acid	8.06	122	238141	36.788	ng	90
33) 4-Chloroaniline	8.37	127	377704	24.777	ng	98
34) Hexachlorobutadiene	8.43	225	310705	41.484	ng	98
36) 4-Chloro-3-methylphenol	8.84	107	474146	40.958	ng	98
37) 2-Methylnaphthalene	9.01	142	1014890	41.008	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.18	216	507185	42.550	ng	98
40) Hexachlorocyclopentadiene	9.17	237	609517	79.167	ng	100
42) 2,4,6-Trichlorophenol	9.29	196	336994	45.559	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.33	196	359392	44.137	ng	# 93
45) 1,1'-Biphenyl	9.48	154	1228310	42.920	ng	99
46) 2-Chloronaphthalene	9.51	162	949913	41.996	ng	98
47) 2-Nitroaniline	9.60	65	323617	44.218	ng	89
48) Acenaphthylene	9.93	152	1516570	42.411	ng	100
49) Dimethylphthalate	9.78	163	1114803	41.231	ng	# 99
50) 2,6-Dinitrotoluene	9.84	165	246844	43.636	ng	96
51) Acenaphthene	10.10	154	993663	45.368	ng	99
52) 3-Nitroaniline	10.01	138	188905	30.521	ng	97
53) 2,4-Dinitrophenol	10.12	184	195910	91.439	ng	# 20
54) Dibenzofuran	10.27	168	1316644	41.493	ng	96
55) 4-Nitrophenol	10.17	139	377820	80.612	ng	84
56) 2,4-Dinitrotoluene	10.25	165	332712	45.693	ng	# 94
57) Fluorene	10.62	166	1039610	41.387	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.38	232	304565	44.751	ng	# 85
59) Diethylphthalate	10.48	149	1054469	40.275	ng	95
60) 4-Chlorophenyl-phenylether	10.60	204	536005	40.951	ng	91
61) 4-Nitroaniline	10.64	138	258886	42.307	ng	93
62) Azobenzene	10.77	77	1088348	40.251	ng	92
64) 4,6-Dinitro-2-methylphenol	10.66	198	125319	44.137	ng	92
65) n-Nitrosodiphenylamine	10.72	169	939468	41.575	ng	97
66) 4-Bromophenyl-phenylether	11.10	248	349191	42.020	ng	# 87
67) Hexachlorobenzene	11.17	284	367942	42.081	ng	# 87
68) Atrazine	11.25	200	326929	43.135	ng	95
69) Pentachlorophenol	11.36	266	361322	86.337	ng	96
70) Phenanthrene	11.59	178	1495831	41.473	ng	99
71) Anthracene	11.64	178	1536744	41.571	ng	97
72) Carbazole	11.79	167	1364288	41.539	ng	99
73) Di-n-butylphthalate	12.11	149	1608530	43.238	ng	100
74) Fluoranthene	12.78	202	1652935	41.992	ng	96
76) Benzidine	12.90	184	845065	36.097	ng	99
77) Pyrene	13.01	202	1643392	41.427	ng	97
79) Butylbenzylphthalate	13.61	149	702203	44.579	ng	96
80) Benzo(a)anthracene	14.21	228	1523832	42.376	ng	99
81) 3,3'-Dichlorobenzidine	14.16	252	382923	29.714	ng	# 98
82) Chrysene	14.24	228	1398368	42.417	ng	98
83) Bis(2-ethylhexyl)phthalate	14.17	149	914936	42.892	ng	99
84) Di-n-octyl phthalate	14.79	149	1535062	47.186	ng	96
85) Indeno(1,2,3-cd)pyrene	17.39	276	1049180	36.730	ng	# 91
87) Benzo(b)fluoranthene	15.31	252	1447958	45.477	ng	# 96
88) Benzo(k)fluoranthene	15.34	252	1210817	41.370	ng	# 95
89) Benzo(a)pyrene	15.71	252	1224746	42.957	ng	96
90) Dibenzo(a,h)anthracene	17.41	278	874940	37.089	ng	# 93
91) Benzo(g,h,i)perylene	17.89	276	835736	35.978	ng	# 91

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

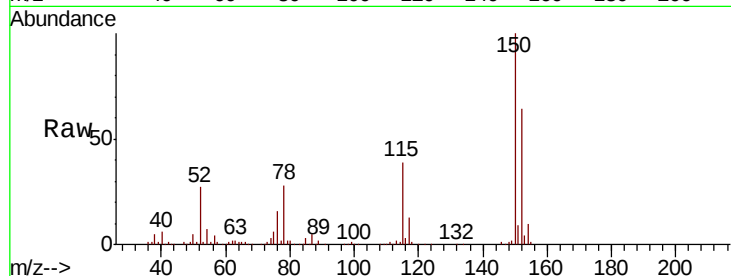


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.01 min Scan# 795
Delta R.T. 0.00 min
Lab File: BF108192.D
Acq: 16 Aug 2018 13:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.1	124.6	186.8
115	61.2	50.1	75.1

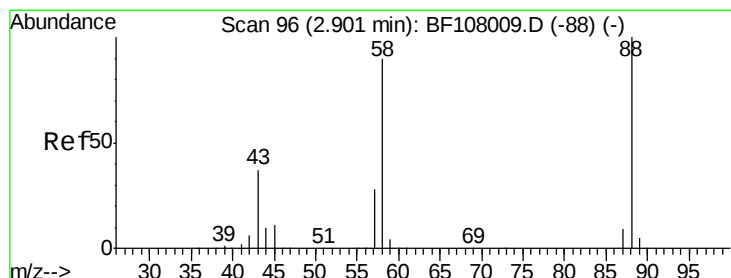
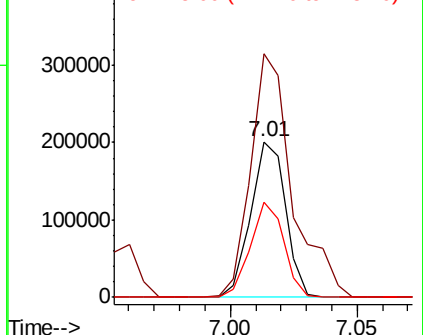
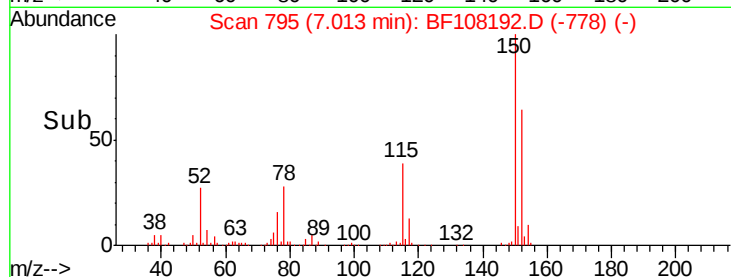


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

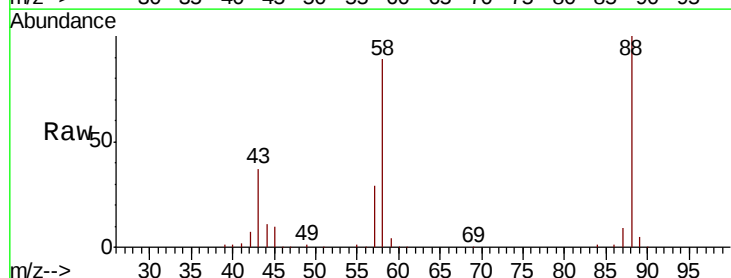
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 37.810 ng
RT: 3.05 min Scan# 121
Delta R.T. 0.15 min
Lab File: BF108192.D
Acq: 16 Aug 2018 13:56

Tgt Ion	Ratio	Lower	Upper
88	100		
58	87.9	62.6	93.8
43	35.1	24.6	37.0

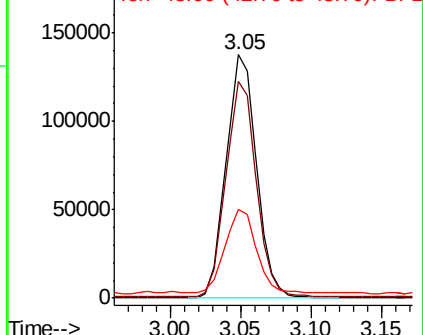
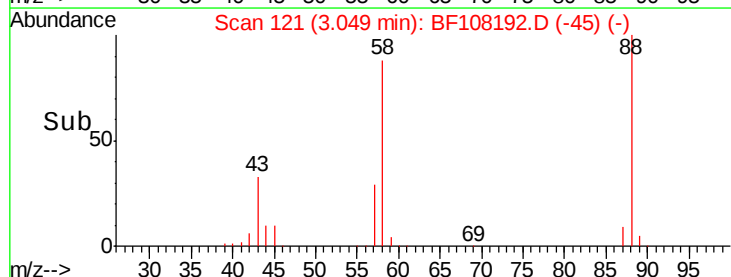


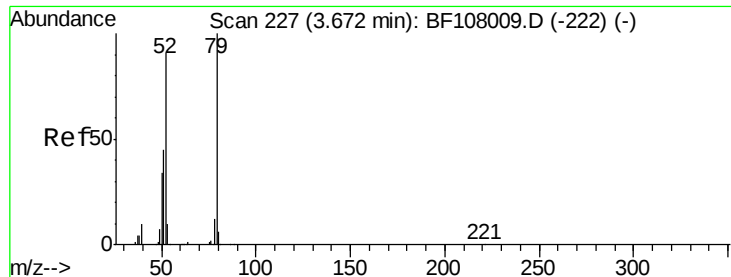
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 40.179 ng

RT: 3.78 min Scan# 246

Delta R.T. 0.11 min

Lab File: BF108192.D

Acq: 16 Aug 2018 13:56

Instrument :

BNA_F

ClientSampleId :

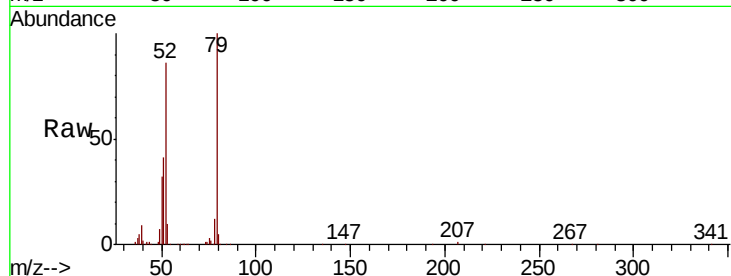
Tot Ion: 79 Resp: 566252

Ion Ratio Lower Upper

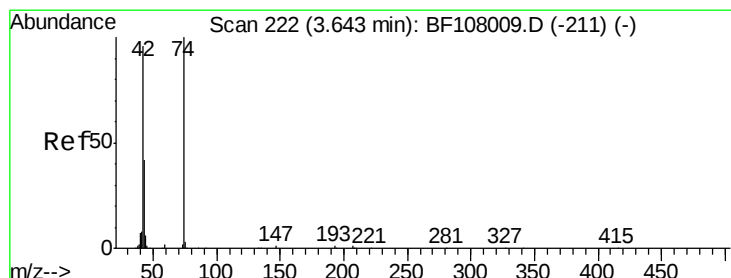
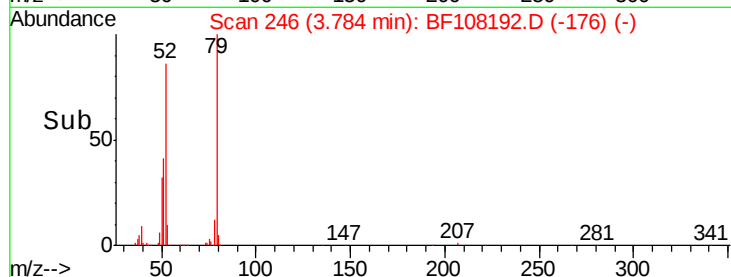
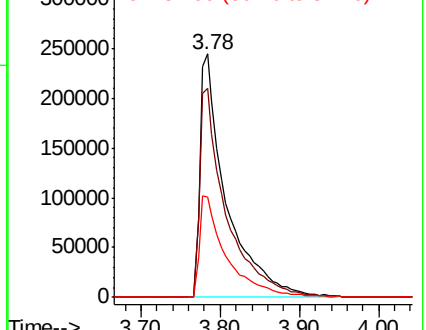
79 100

52 85.8 59.8 89.6

51 41.3 29.8 44.8



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



#4

n-Nitrosodimethylamine

Concen: 38.269 ng

RT: 3.75 min Scan# 240

Delta R.T. 0.11 min

Lab File: BF108192.D

Acq: 16 Aug 2018 13:56

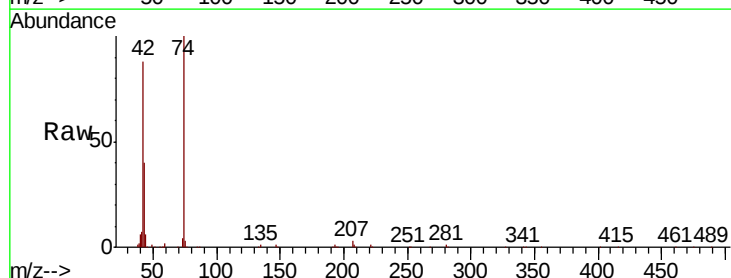
Tgt Ion: 42 Resp: 303481

Ion Ratio Lower Upper

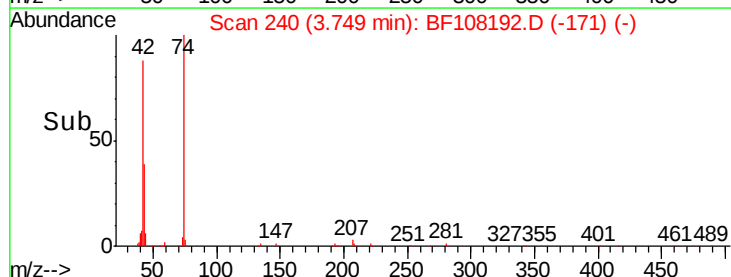
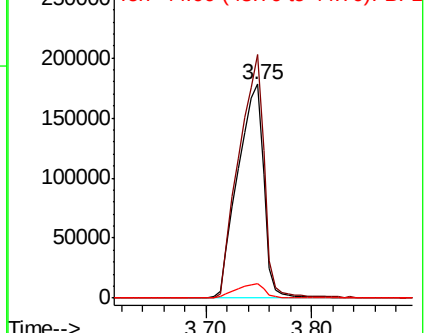
42 100

74 113.8 104.9 157.3

44 6.9 6.9 10.3



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 140.384 ng

RT: 5.66 min Scan# 565

Delta R.T. 0.03 min

Lab File: BF108192.D

Acq: 16 Aug 2018 13:56

Instrument :

BNA_F

ClientSampleId :

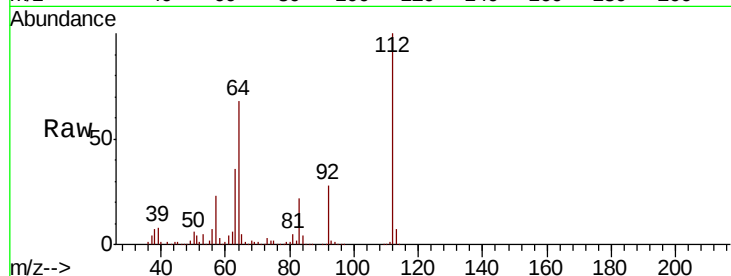
Tot Ion:112 Resp: 1494732

Ion Ratio Lower Upper

112 100

64 68.0 47.9 71.9

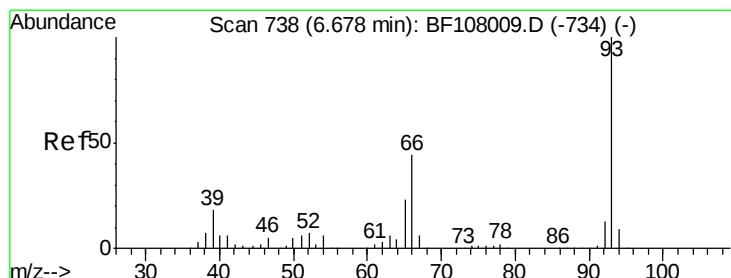
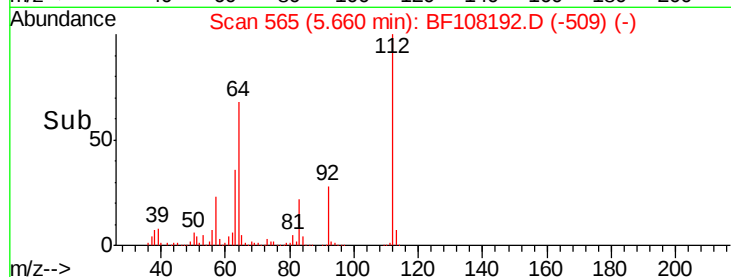
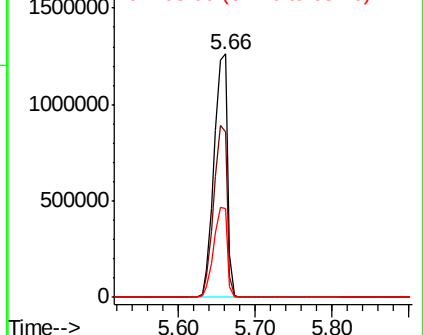
63 36.4 23.7 35.5#



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: 32.455 ng

RT: 6.68 min Scan# 739

Delta R.T. 0.01 min

Lab File: BF108192.D

Acq: 16 Aug 2018 13:56

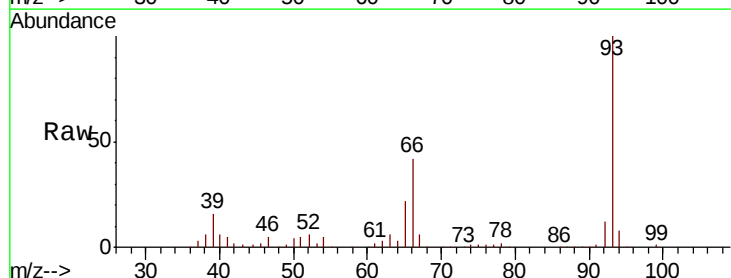
Tgt Ion: 93 Resp: 624611

Ion Ratio Lower Upper

93 100

66 42.5 32.2 48.2

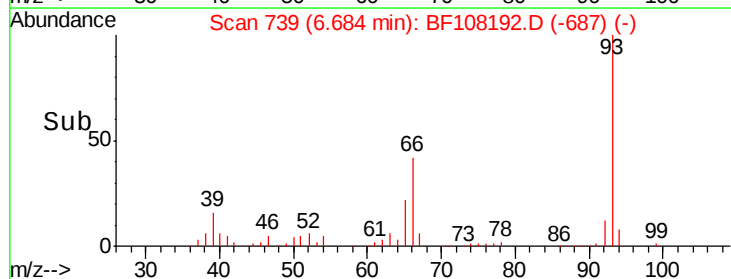
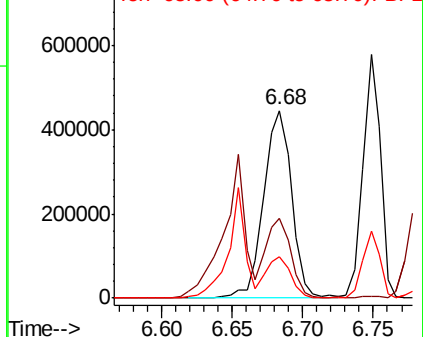
65 22.0 16.4 24.6

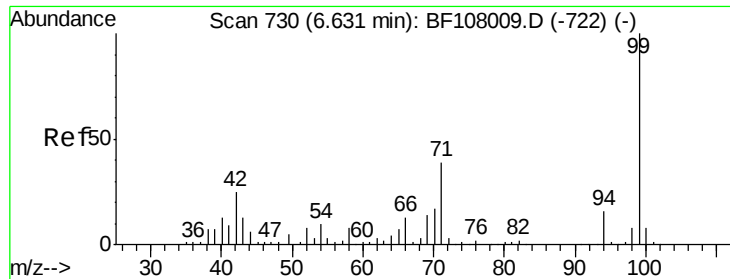


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 143.042 ng

RT: 6.64 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF108192.D

Acq: 16 Aug 2018 13:56

Instrument :

BNA_F

ClientSampleId :

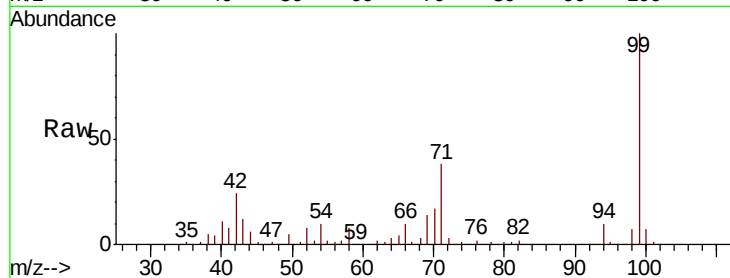
Tot Ion: 99 Resp: 2023902

Ion Ratio Lower Upper

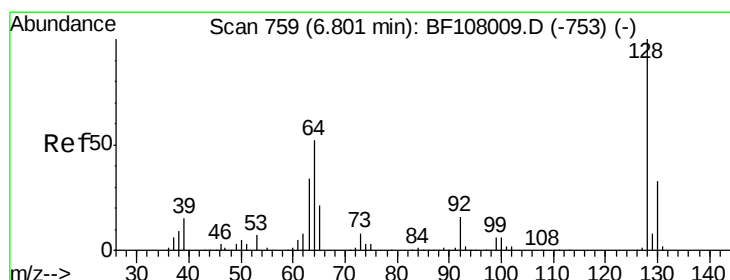
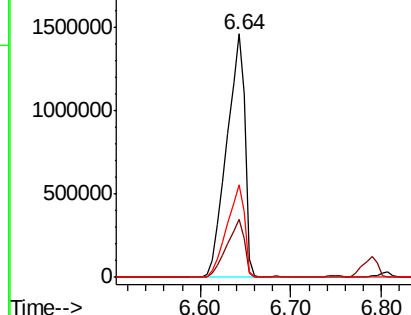
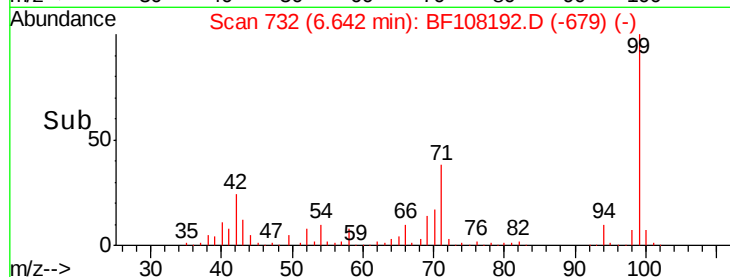
99 100

42 23.7 14.5 21.7#

71 38.3 25.4 38.0#



Abundance Ion 99.00 (98.70 to 99.70): BF1
2000000
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 42.158 ng

RT: 6.81 min Scan# 760

Delta R.T. 0.01 min

Lab File: BF108192.D

Acq: 16 Aug 2018 13:56

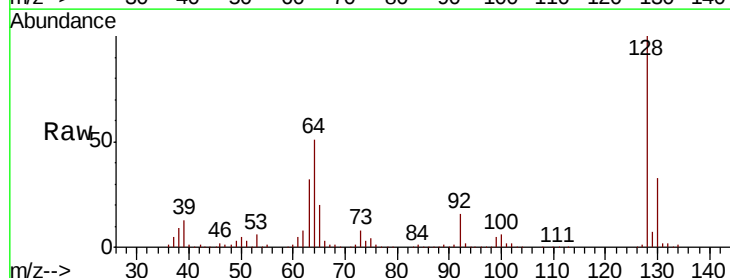
Tgt Ion:128 Resp: 505558

Ion Ratio Lower Upper

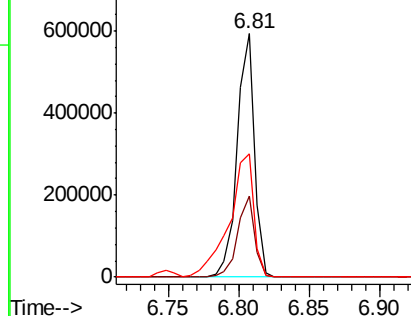
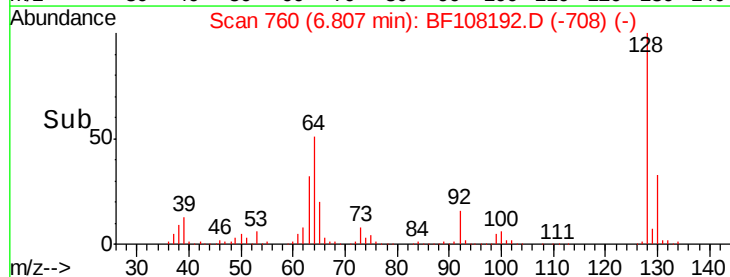
128 100

130 33.2 13.0 53.0

64 50.8 29.4 69.4



Abundance Ion 128.00 (127.70 to 128.70): E
800000
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1

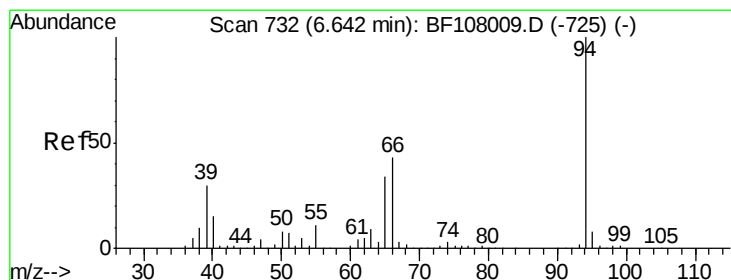
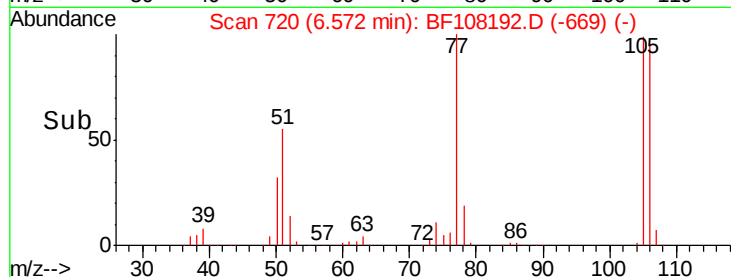
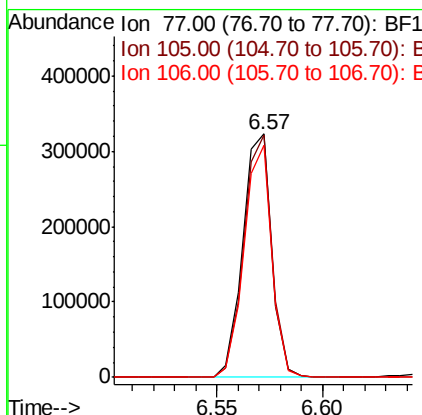
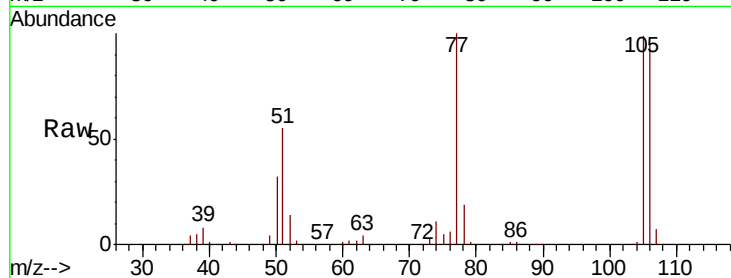




#9
Benzaldehyde
Concen: 27.806 ng
RT: 6.57 min Scan# 720
Delta R.T. 0.00 min
Lab File: BF108192.D
Acq: 16 Aug 2018 13:56

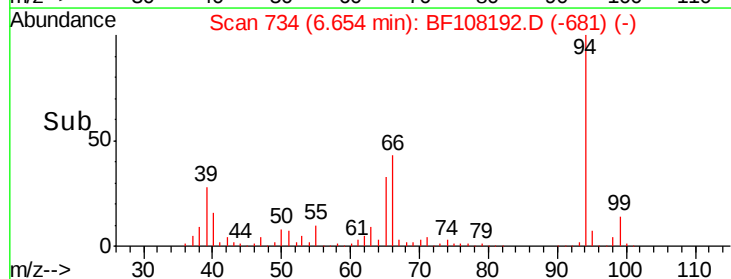
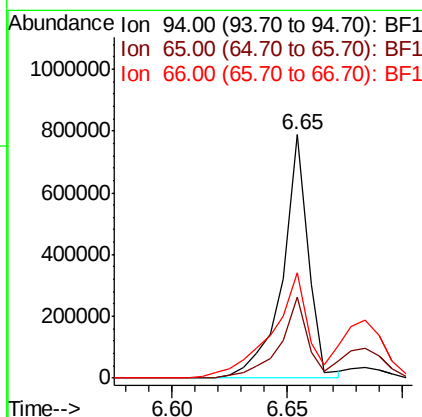
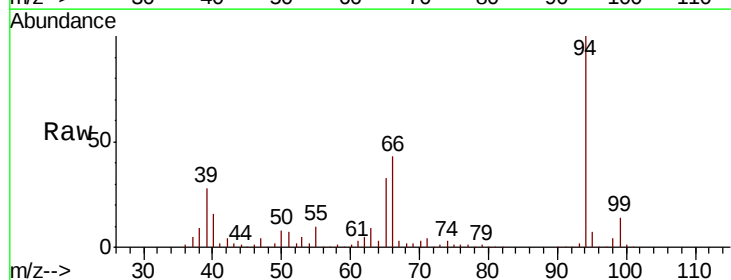
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 305028
Ion Ratio Lower Upper
77 100
105 99.3 81.1 121.1
106 95.4 74.5 114.5



#10
Phenol
Concen: 41.381 ng
RT: 6.65 min Scan# 734
Delta R.T. 0.01 min
Lab File: BF108192.D
Acq: 16 Aug 2018 13:56

Tgt Ion: 94 Resp: 605631
Ion Ratio Lower Upper
94 100
65 33.4 7.9 47.9
66 43.3 16.2 56.2

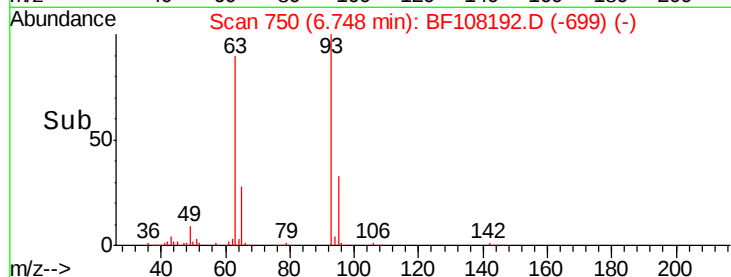
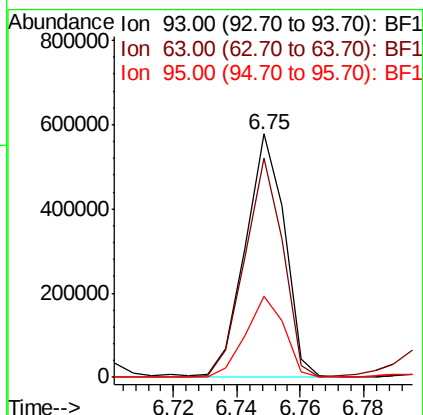
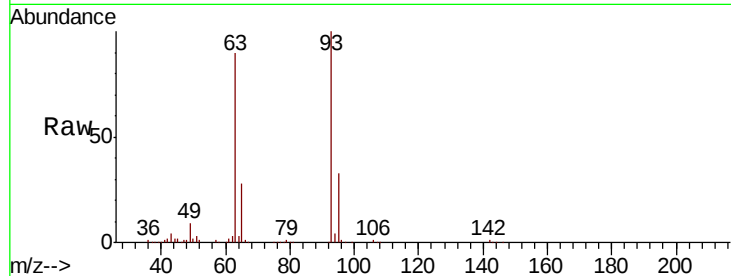




#11
 bis(2-Chloroethyl)ether
 Concen: 41.762 ng
 RT: 6.75 min Scan# 750
 Delta R.T. 0.00 min
 Lab File: BF108192.D
 Acq: 16 Aug 2018 13:56

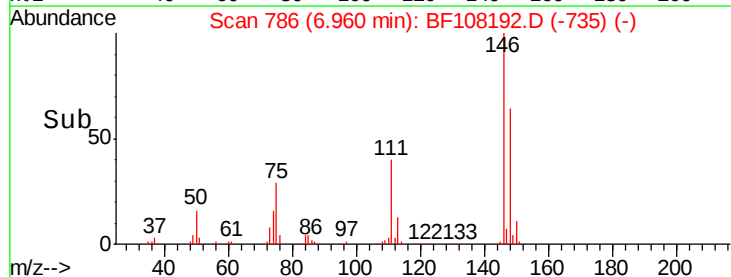
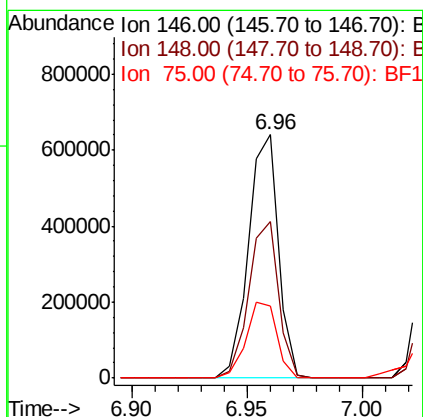
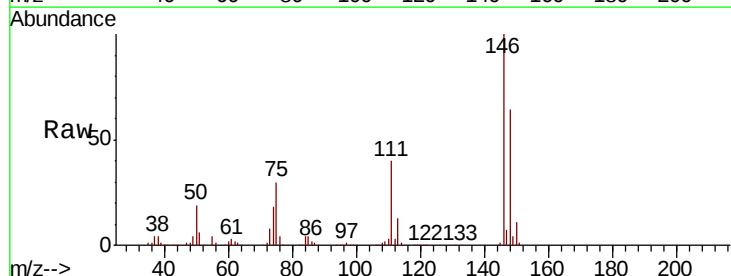
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	93	Resp:	494140
Ion	Ratio	Lower	Upper
93	100		
63	89.9	58.6	98.6
95	33.3	11.8	51.8



#12
 1,3-Dichlorobenzene
 Concen: 42.071 ng
 RT: 6.96 min Scan# 786
 Delta R.T. 0.00 min
 Lab File: BF108192.D
 Acq: 16 Aug 2018 13:56

Tgt Ion:	146	Resp:	583353
Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.8	77.8
75	29.7	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 41.602 ng

RT: 7.03 min Scan# 798

Delta R.T. -0.01 min

Lab File: BF108192.D

Acq: 16 Aug 2018 13:56

Instrument :

BNA_F

ClientSampleId :

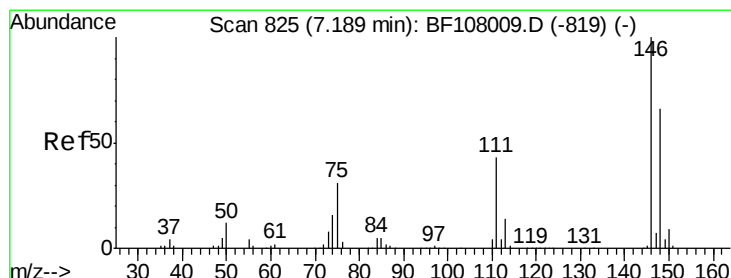
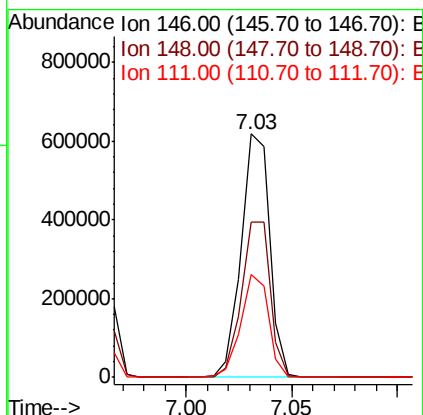
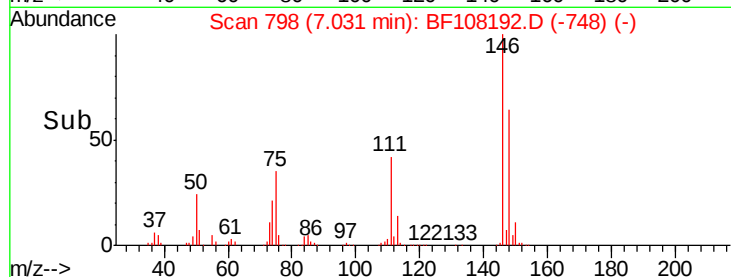
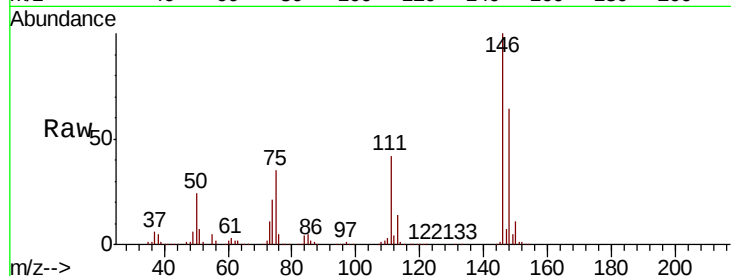
Tot Ion:146 Resp: 579560

Ion Ratio Lower Upper

146 100

148 63.6 50.8 76.2

111 42.3 34.2 51.2



#14

1,2-Dichlorobenzene

Concen: 41.788 ng

RT: 7.19 min Scan# 825

Delta R.T. 0.00 min

Lab File: BF108192.D

Acq: 16 Aug 2018 13:56

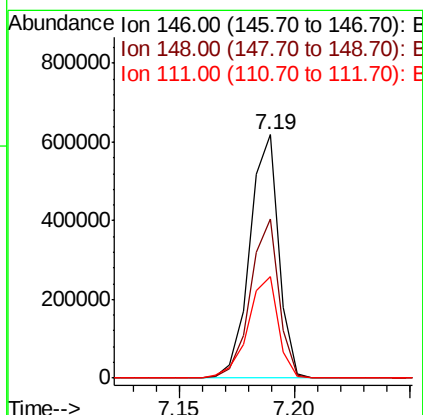
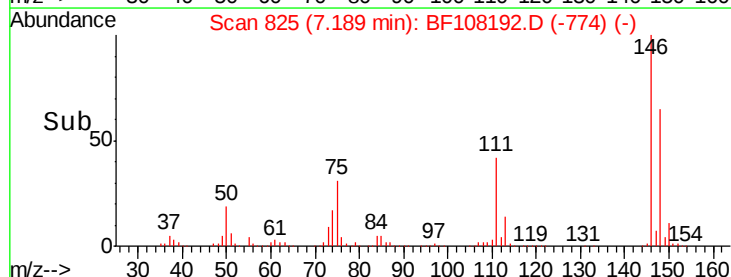
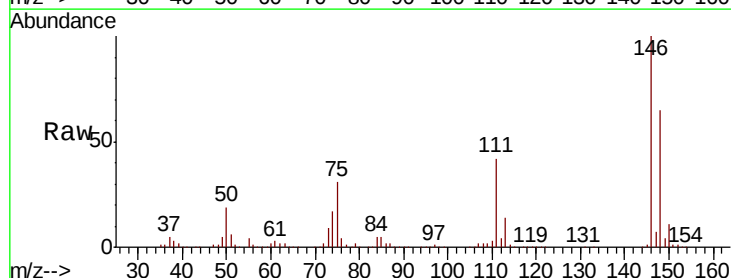
Tgt Ion:146 Resp: 541500

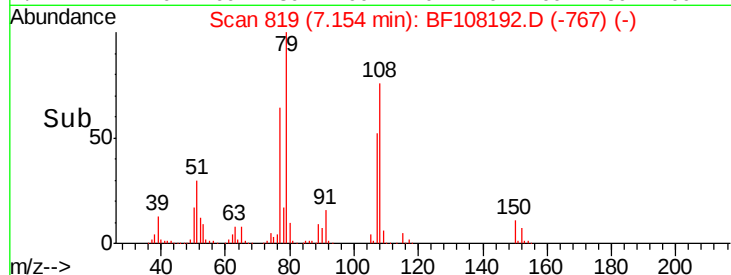
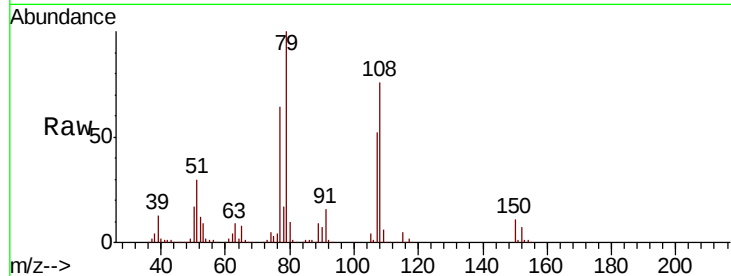
Ion Ratio Lower Upper

146 100

148 65.3 50.6 75.8

111 41.8 36.0 54.0





#15

Benzyl Alcohol

Concen: 39.855 ng

RT: 7.15 min Scan# 819

Delta R.T. 0.01 min

Lab File: BF108192.D

Acq: 16 Aug 2018 13:56

Instrument :

BNA_F

ClientSampled :

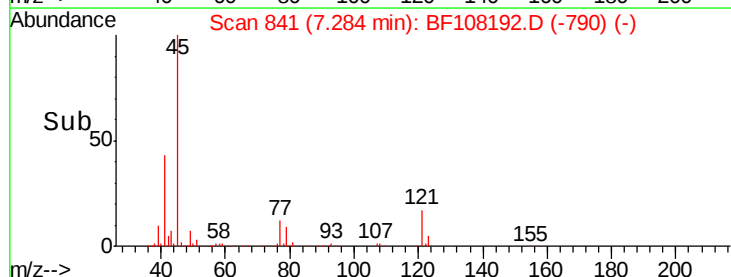
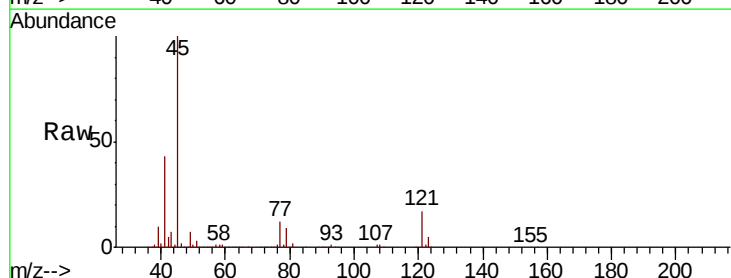
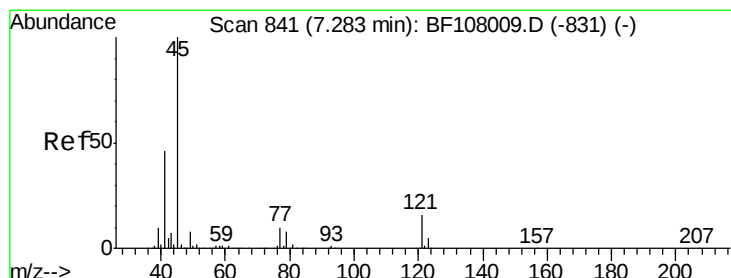
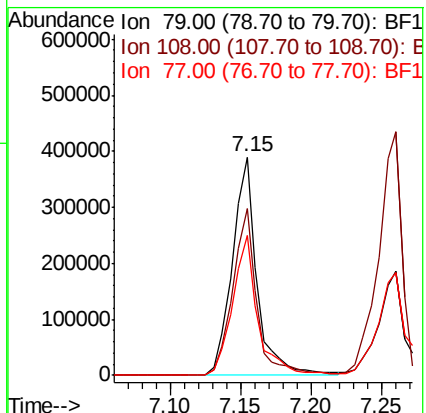
Tot Ion: 79 Resp: 474720

Ion Ratio Lower Upper

79 100

108 76.5 65.1 97.7

77 64.2 50.6 75.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.592 ng

RT: 7.28 min Scan# 841

Delta R.T. 0.00 min

Lab File: BF108192.D

Acq: 16 Aug 2018 13:56

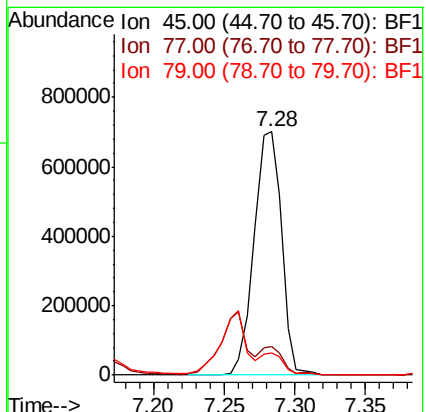
Tgt Ion: 45 Resp: 965071

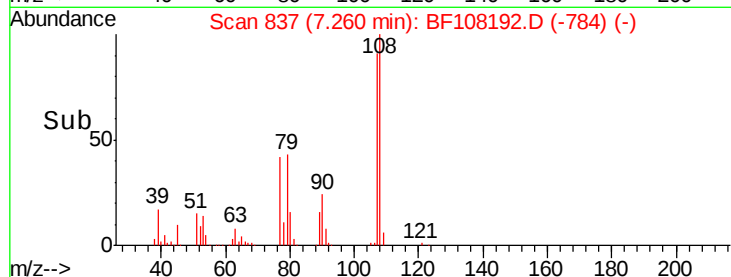
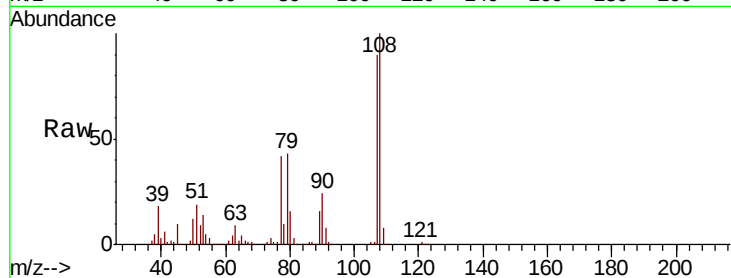
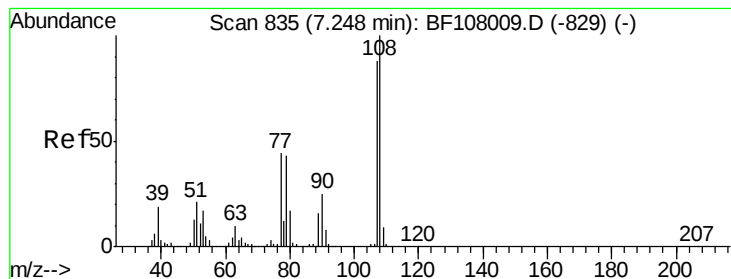
Ion Ratio Lower Upper

45 100

77 11.6 0.0 32.9

79 9.0 0.0 29.6





#17

2-Methylphenol

Concen: 42.168 ng

RT: 7.26 min Scan# 837

Delta R.T. 0.01 min

Lab File: BF108192.D

Acq: 16 Aug 2018 13:56

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 433647

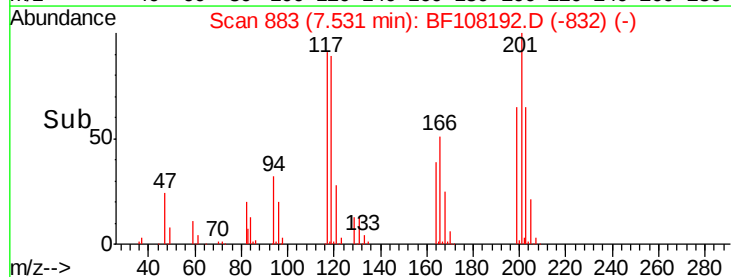
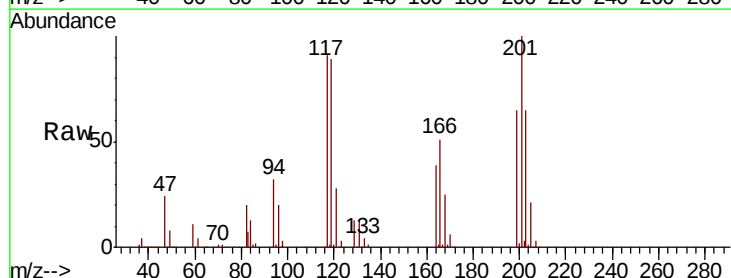
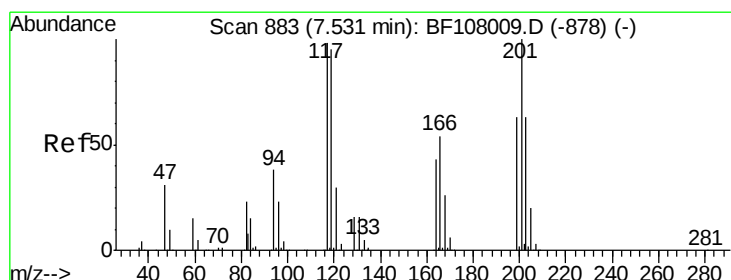
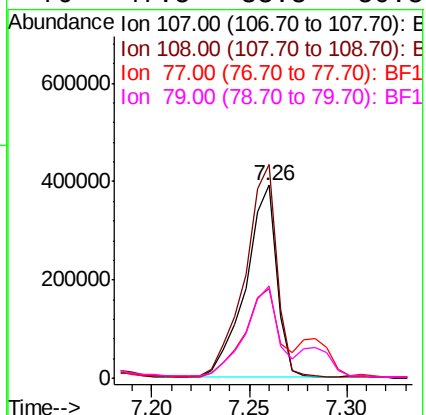
Ion Ratio Lower Upper

107 100

108 110.6 91.7 137.5

77 46.7 33.8 50.8

79 47.5 33.8 50.8



#18

Hexachloroethane

Concen: 42.939 ng

RT: 7.53 min Scan# 883

Delta R.T. 0.00 min

Lab File: BF108192.D

Acq: 16 Aug 2018 13:56

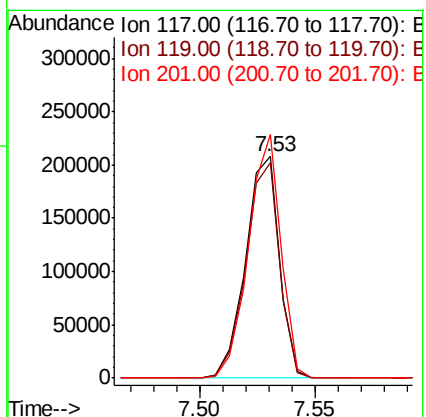
Tgt Ion:117 Resp: 212968

Ion Ratio Lower Upper

117 100

119 97.6 75.8 113.8

201 110.0 75.7 113.5





#19

n-Nitroso-di-n-propylamine

Concen: 40.362 ng

RT: 7.42 min Scan# 865

Delta R.T. 0.00 min

Lab File: BF108192.D

Acq: 16 Aug 2018 13:56

Instrument :

BNA_F

ClientSampled :

Tot Ion: 70 Resp: 386180

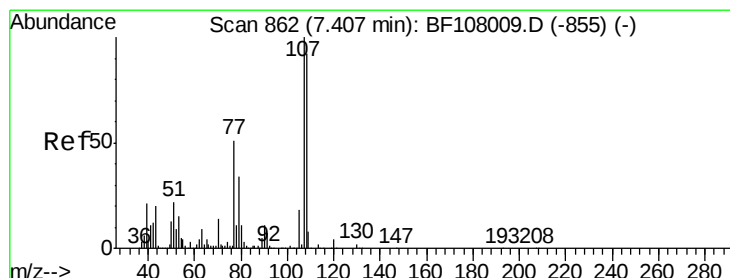
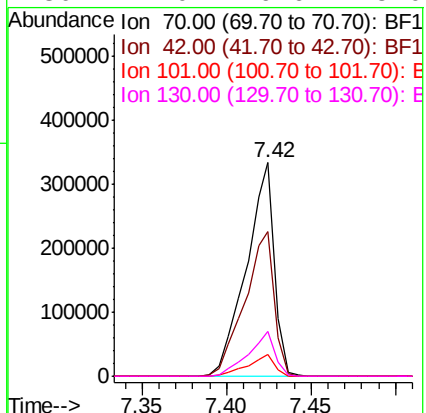
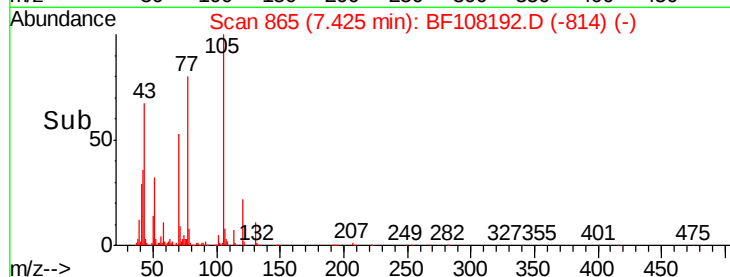
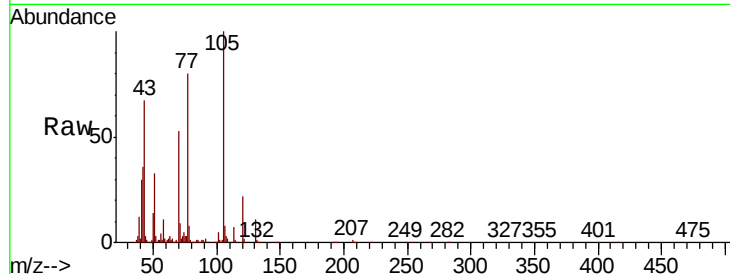
Ion Ratio Lower Upper

70 100

42 67.8 47.5 71.3

101 9.9 7.4 11.2

130 21.0 16.6 25.0



#20

3+4-Methylphenols

Concen: 41.206 ng

RT: 7.41 min Scan# 862

Delta R.T. 0.00 min

Lab File: BF108192.D

Acq: 16 Aug 2018 13:56

Tgt Ion: 107 Resp: 543034

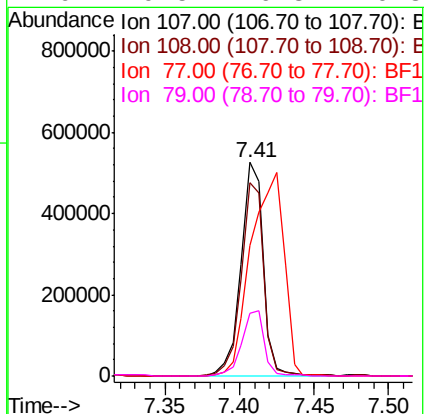
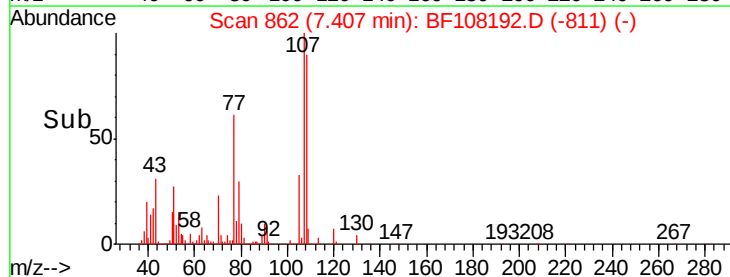
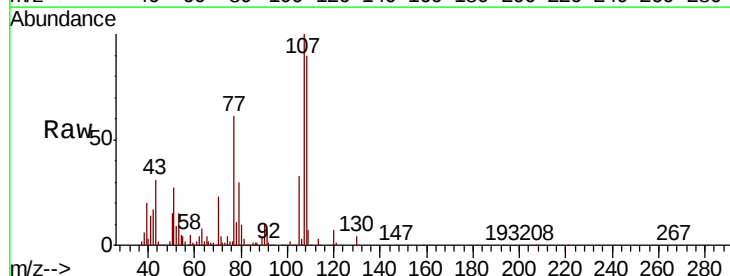
Ion Ratio Lower Upper

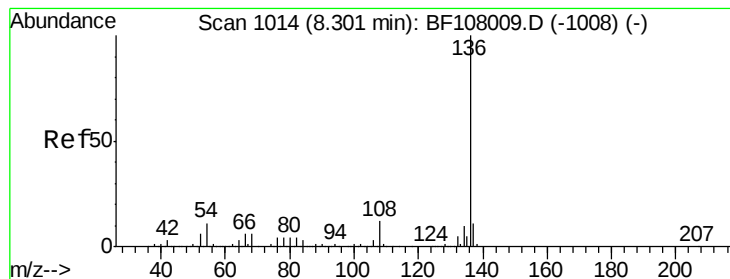
107 100

108 90.5 68.2 108.2

77 61.1 26.7 66.7

79 29.5 6.3 46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.30 min Scan# 1014

Delta R.T. 0.00 min

Lab File: BF108192.D

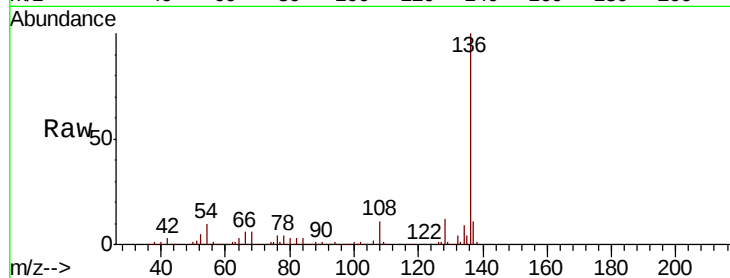
Acq: 16 Aug 2018 13:56

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136	Resp:	769167
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.9 13.3
54	9.8	6.6 9.8
68	6.1	5.0 7.4



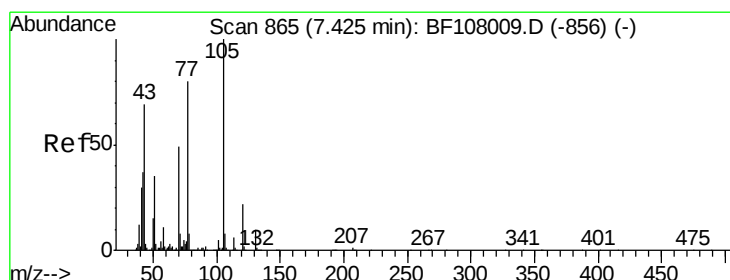
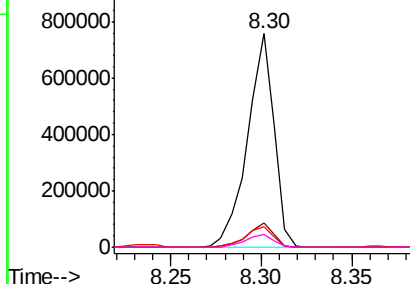
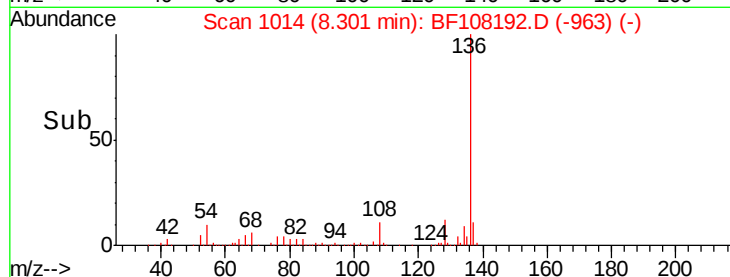
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 40.989 ng

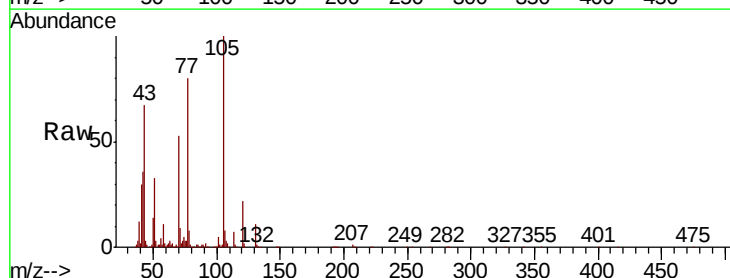
RT: 7.42 min Scan# 865

Delta R.T. 0.00 min

Lab File: BF108192.D

Acq: 16 Aug 2018 13:56

Tgt Ion:105	Resp:	737190
Ion Ratio	Lower	Upper
105	100	
71	8.8	4.4 6.6#
51	32.5	22.3 33.5
120	21.7	16.9 25.3



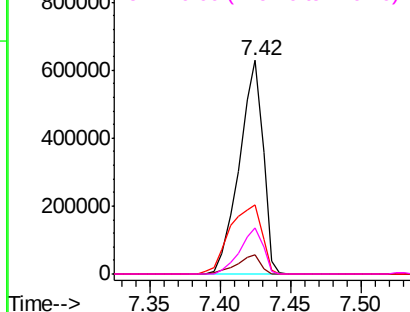
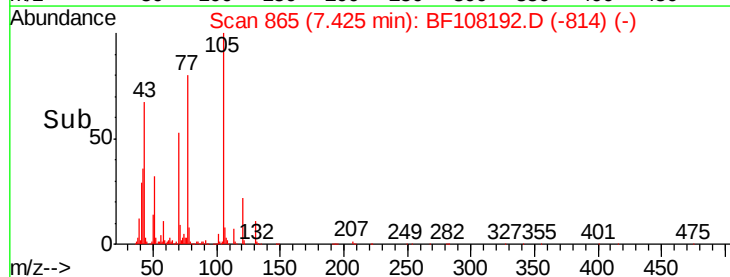
Abundance

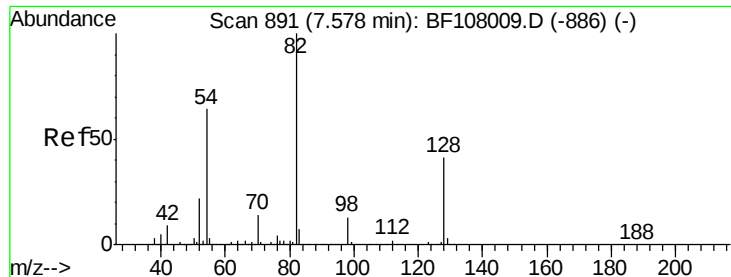
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

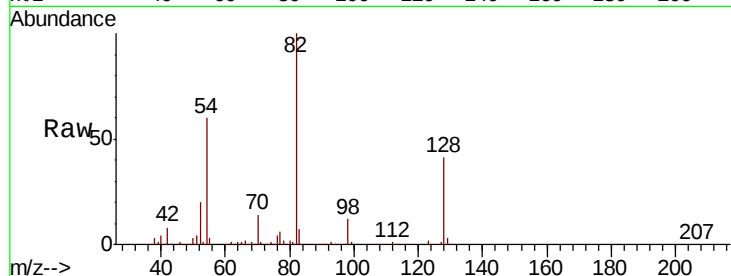




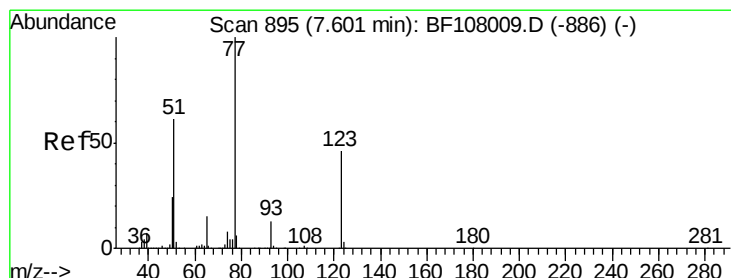
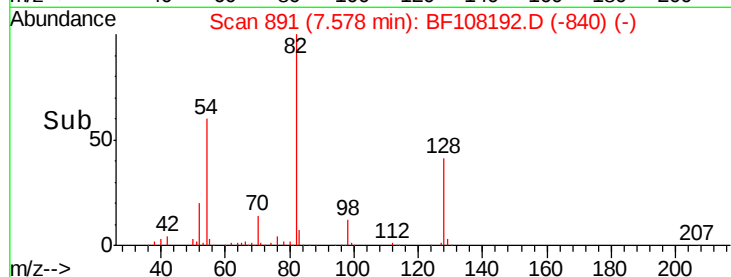
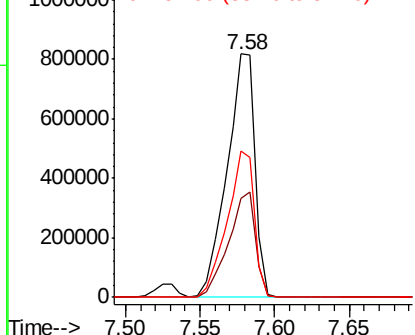
#23
 Nitrobenzene-d5
 Concen: 77.916 ng
 RT: 7.58 min Scan# 891
 Delta R.T. 0.00 min
 Lab File: BF108192.D
 Acq: 16 Aug 2018 13:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 1073990
 Ion Ratio Lower Upper
 82 100
 128 40.8 36.1 54.1
 54 60.1 41.4 62.2

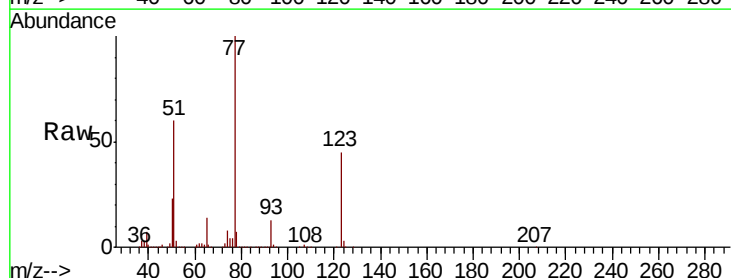


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

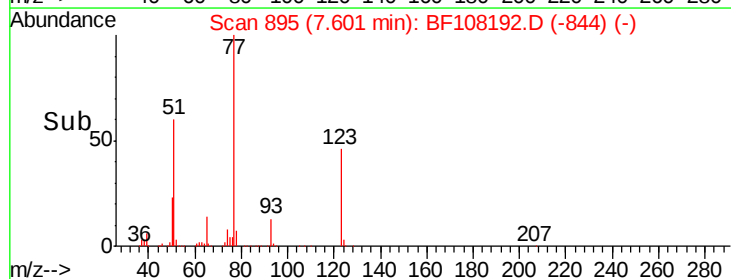
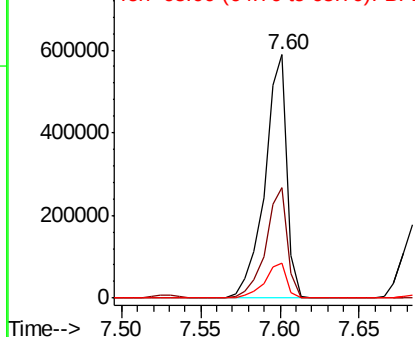


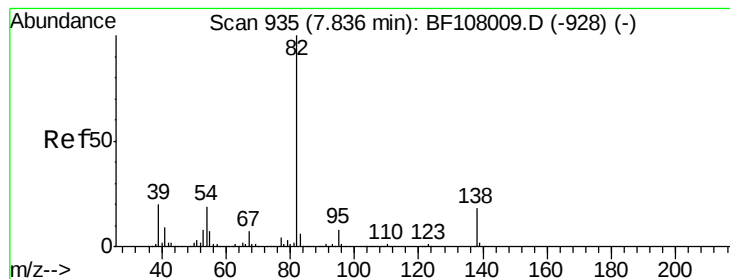
#24
 Nitrobenzene
 Concen: 41.189 ng
 RT: 7.60 min Scan# 895
 Delta R.T. 0.00 min
 Lab File: BF108192.D
 Acq: 16 Aug 2018 13:56

Tgt Ion: 77 Resp: 574111
 Ion Ratio Lower Upper
 77 100
 123 45.4 37.9 56.9
 65 14.2 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: 39.971 ng

RT: 7.84 min Scan# 935

Delta R.T. 0.00 min

Lab File: BF108192.D

Acq: 16 Aug 2018 13:56

Instrument :
BNA_F
ClientSampleId :

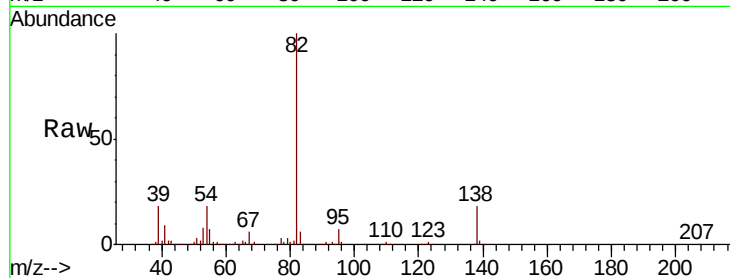
Tot Ion: 82 Resp: 1050142

Ion Ratio Lower Upper

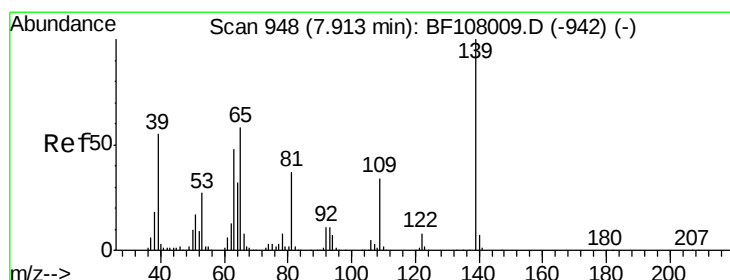
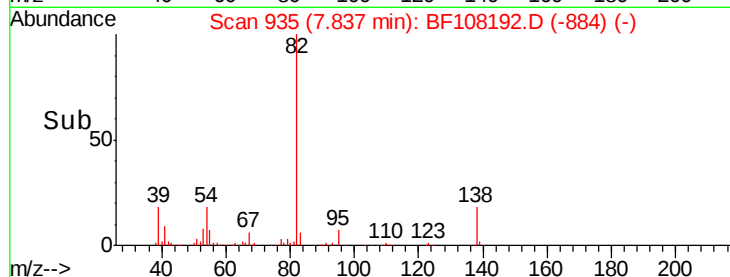
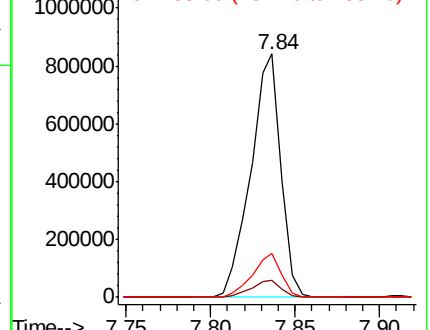
82 100

95 7.2 5.2 7.8

138 17.9 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 47.285 ng

RT: 7.91 min Scan# 948

Delta R.T. 0.00 min

Lab File: BF108192.D

Acq: 16 Aug 2018 13:56

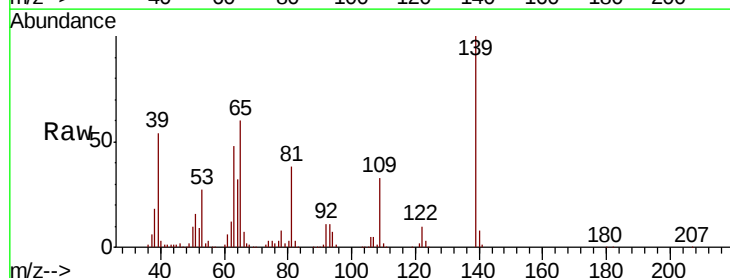
Tgt Ion: 139 Resp: 248901

Ion Ratio Lower Upper

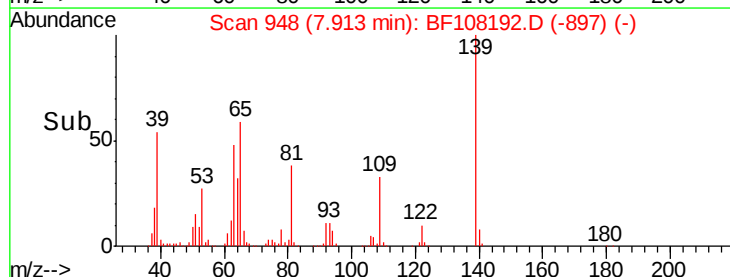
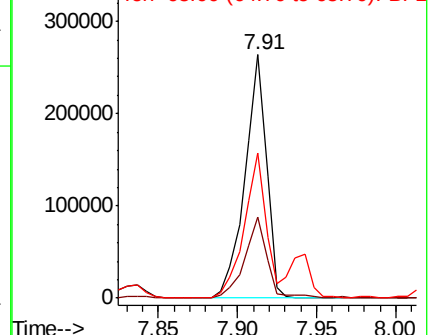
139 100

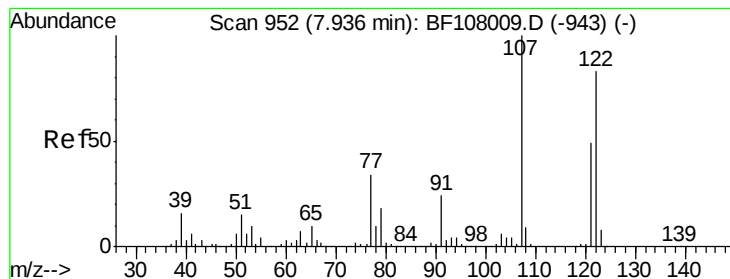
109 33.3 22.7 34.1

65 59.7 40.5 60.7



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





#27

2,4-Dimethylphenol

Concen: 41.019 ng

RT: 7.94 min Scan# 953

Delta R.T. 0.01 min

Lab File: BF108192.D

Acq: 16 Aug 2018 13:56

Instrument :

BNA_F

ClientSampleId :

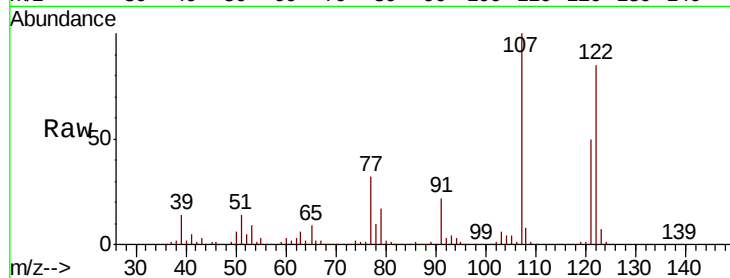
Tot Ion:122 Resp: 478313

Ion Ratio Lower Upper

122 100

107 118.0 91.2 136.8

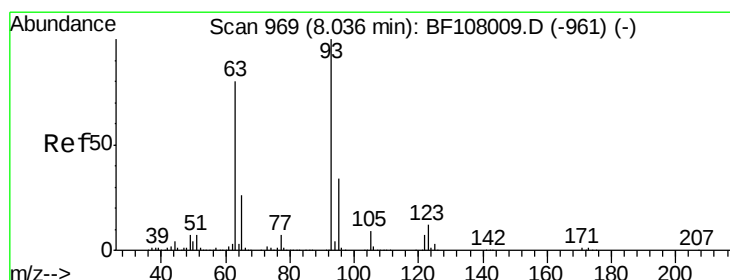
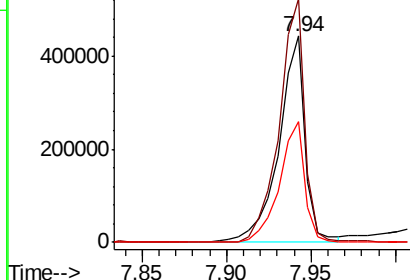
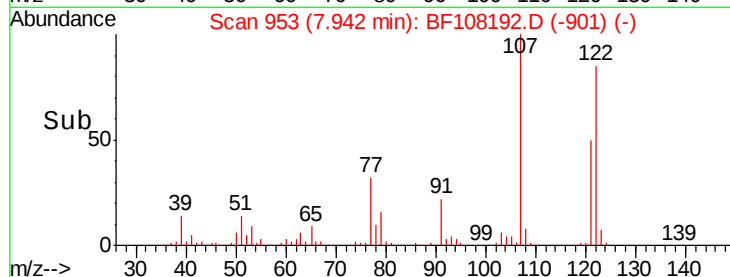
121 58.4 47.2 70.8



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: 40.949 ng

RT: 8.04 min Scan# 969

Delta R.T. 0.00 min

Lab File: BF108192.D

Acq: 16 Aug 2018 13:56

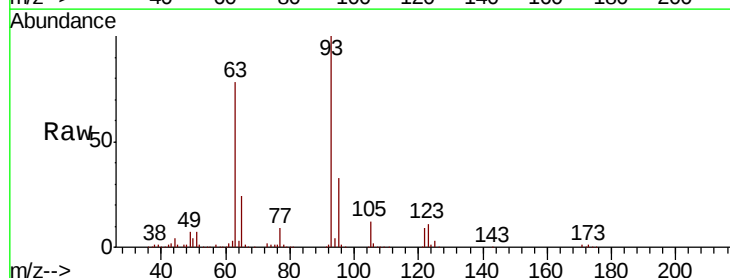
Tgt Ion: 93 Resp: 628055

Ion Ratio Lower Upper

93 100

95 32.9 26.3 39.5

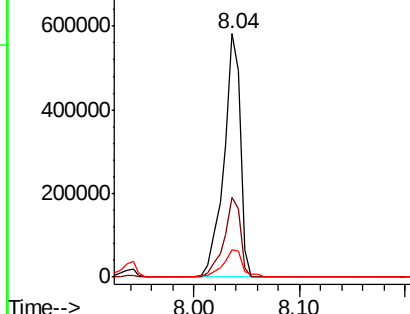
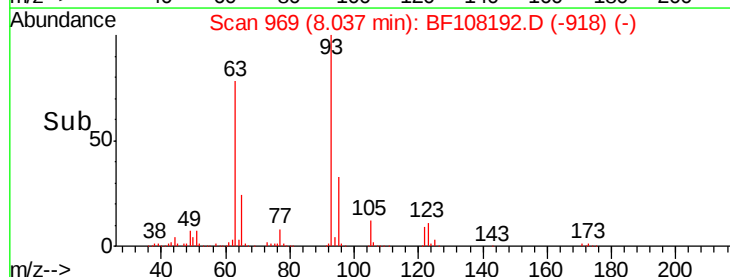
123 11.5 9.8 14.6

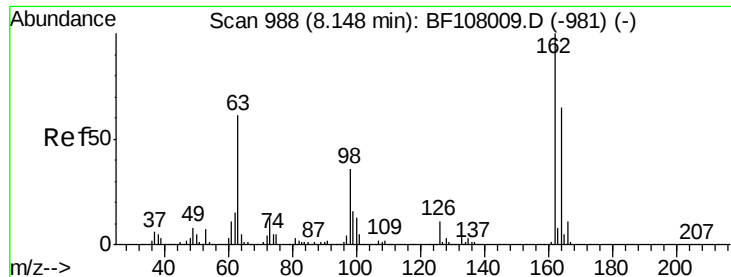


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

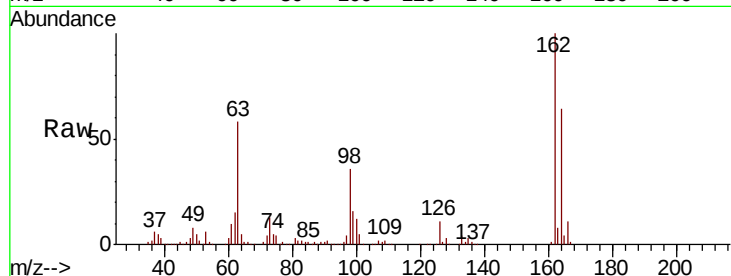




#29
 2,4-Dichlorophenol
 Concen: 42.845 ng
 RT: 8.15 min Scan# 989
 Delta R.T. 0.01 min
 Lab File: BF108192.D
 Acq: 16 Aug 2018 13:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.1	42.7	82.7
98	35.8	18.1	58.1

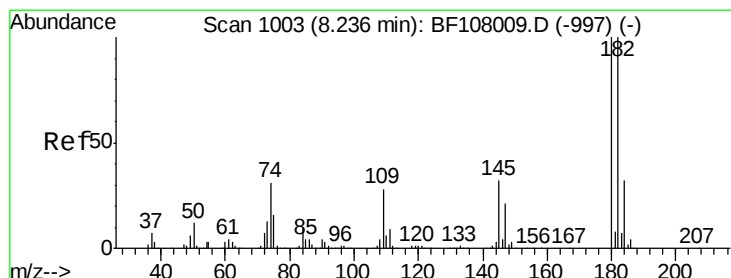
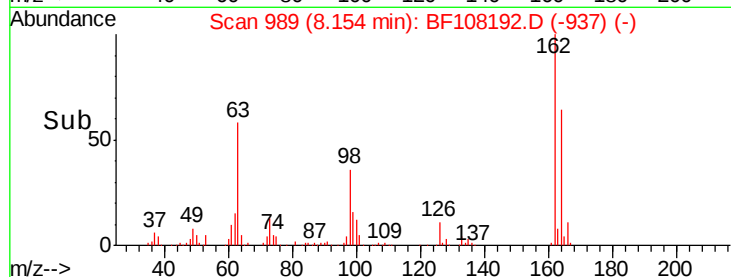
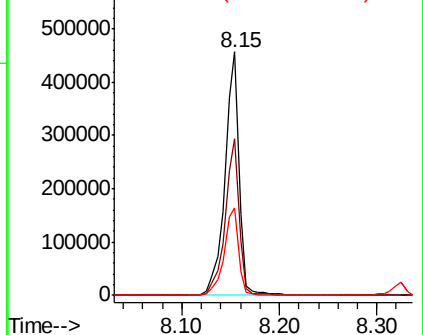


Abundance

Ion 162.00 (161.70 to 162.70): E

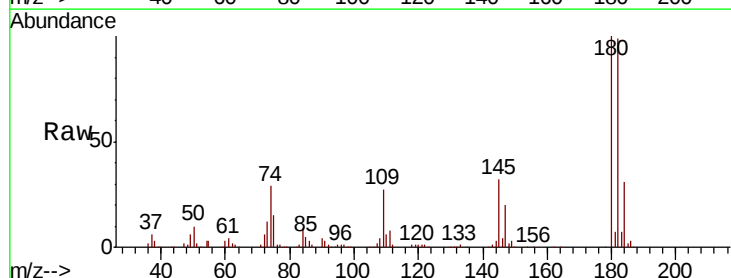
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 41.245 ng
 RT: 8.24 min Scan# 1003
 Delta R.T. 0.00 min
 Lab File: BF108192.D
 Acq: 16 Aug 2018 13:56

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.0	76.8	115.2
145	32.3	26.5	39.7

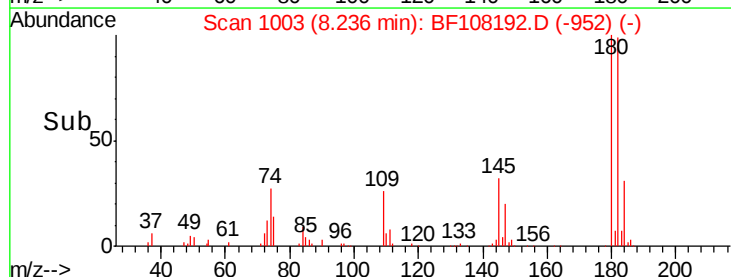
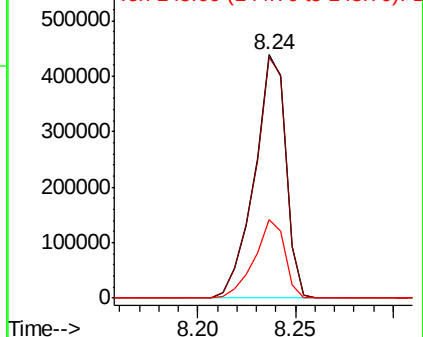


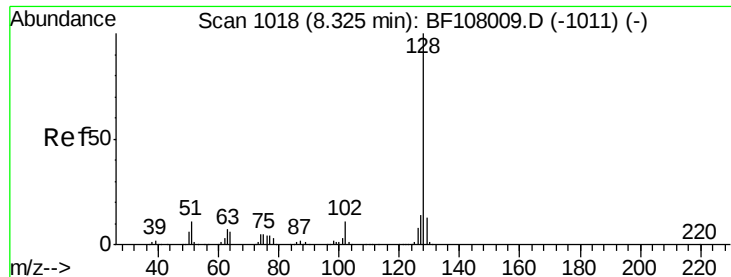
Abundance

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

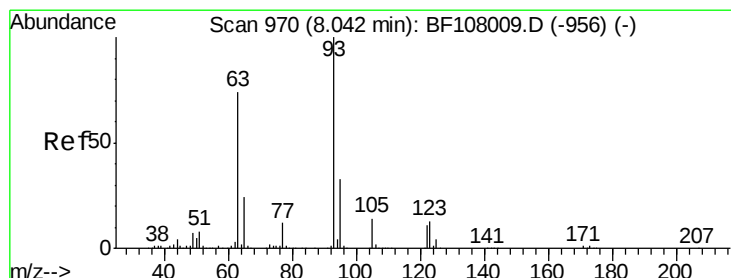
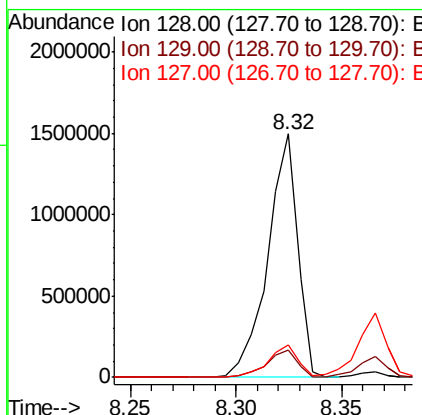
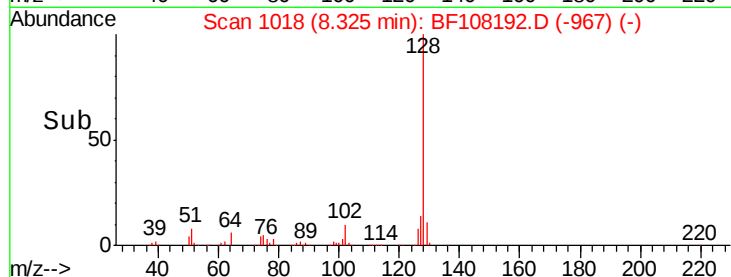
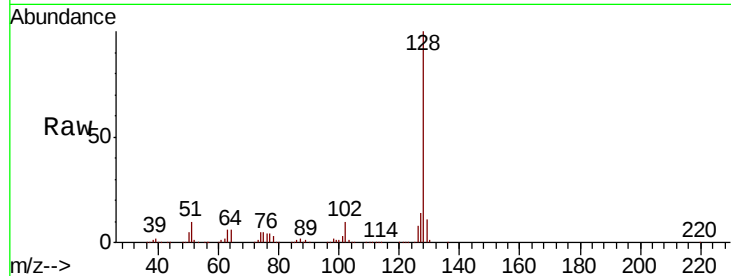




#31
Naphthalene
Concen: 42.214 ng
RT: 8.32 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BF108192.D
Acq: 16 Aug 2018 13:56

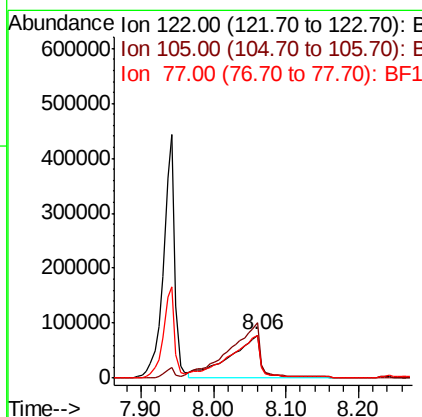
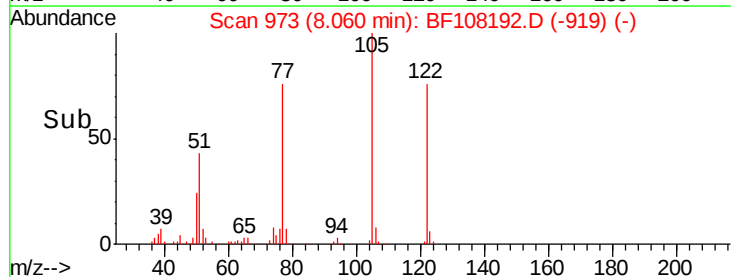
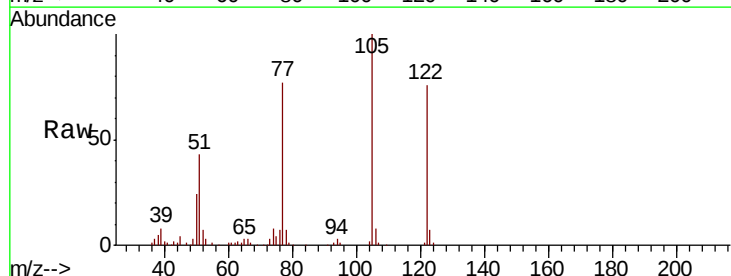
Instrument :
BNA_F
ClientSampleId :

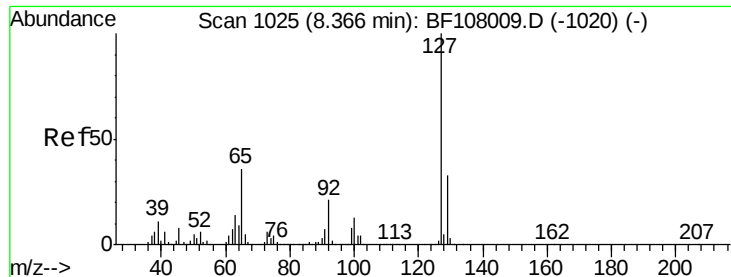
Tot Ion:128 Resp: 1476651
Ion Ratio Lower Upper
128 100
129 11.4 8.8 13.2
127 13.6 10.9 16.3



#32
Benzoic acid
Concen: 36.788 ng
RT: 8.06 min Scan# 973
Delta R.T. 0.02 min
Lab File: BF108192.D
Acq: 16 Aug 2018 13:56

Tgt Ion:122 Resp: 238141
Ion Ratio Lower Upper
122 100
105 131.1 101.1 141.1
77 101.2 70.7 110.7

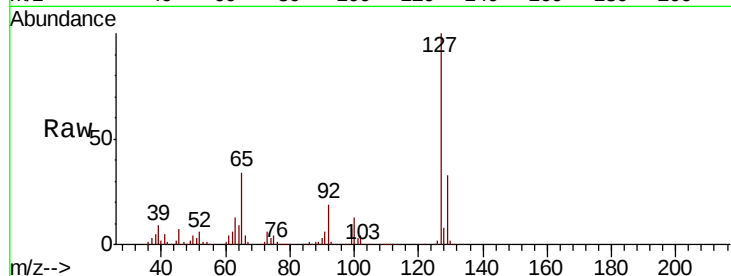




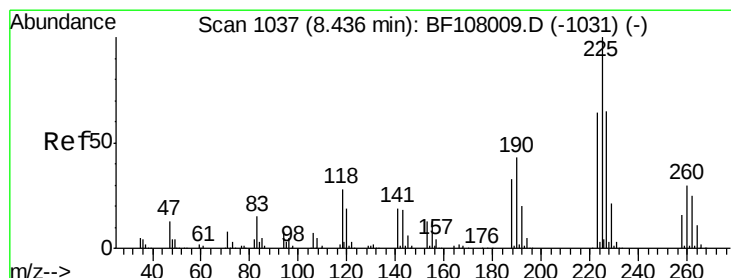
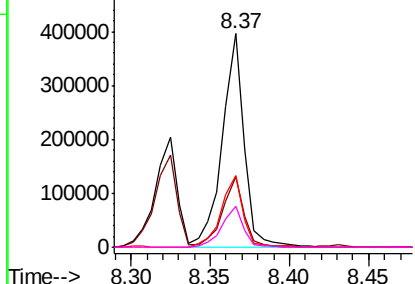
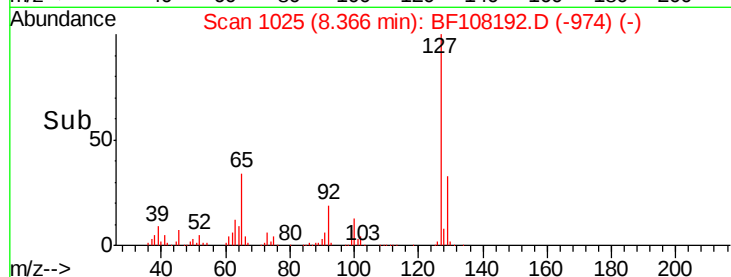
#33
4-Chloroaniline
Concen: 24.777 ng
RT: 8.37 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BF108192.D
Acq: 16 Aug 2018 13:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127	Resp:	377704
Ion Ratio	Lower	Upper
127	100	
129	32.9	25.9 38.9
65	33.8	25.0 37.4
92	19.2	15.2 22.8

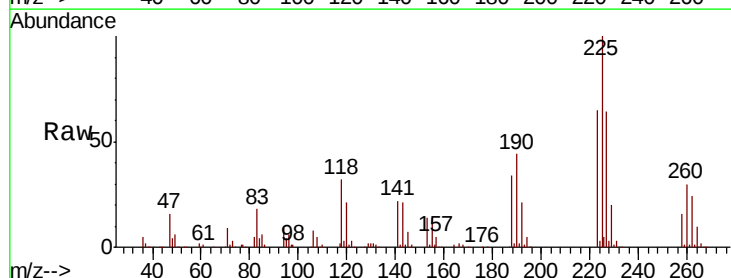


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

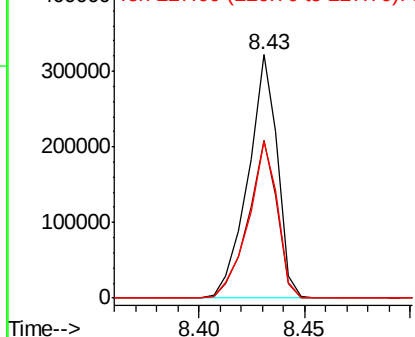
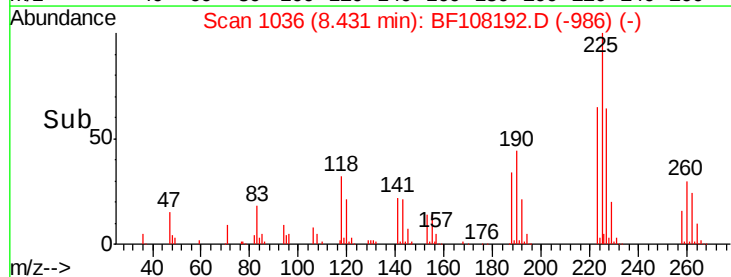


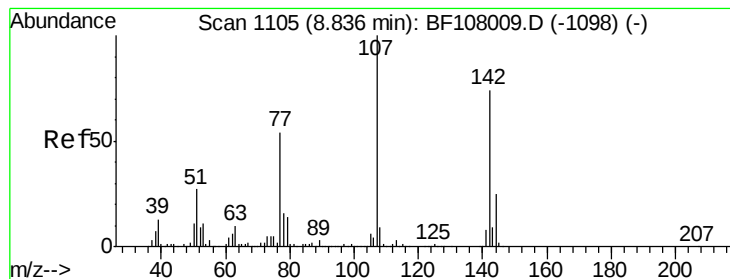
#34
Hexachlorobutadiene
Concen: 41.484 ng
RT: 8.43 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF108192.D
Acq: 16 Aug 2018 13:56

Tgt Ion:225	Resp:	310705
Ion Ratio	Lower	Upper
225	100	
223	65.1	50.6 76.0
227	64.3	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





#36

4-Chloro-3-methylphenol

Concen: 40.958 ng

RT: 8.84 min Scan# 1106

Delta R.T. 0.01 min

Lab File: BF108192.D

Acq: 16 Aug 2018 13:56

Instrument :

BNA_F

ClientSampled :

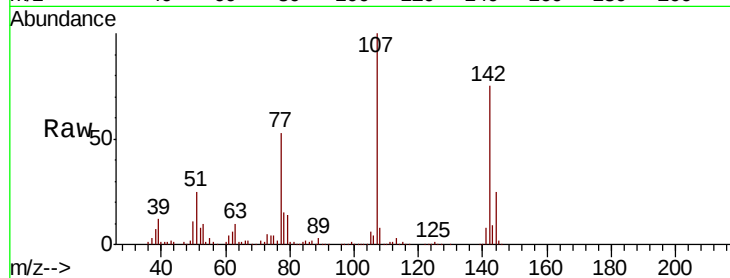
Tot Ion:107 Resp: 474146

Ion Ratio Lower Upper

107 100

144 25.5 20.5 30.7

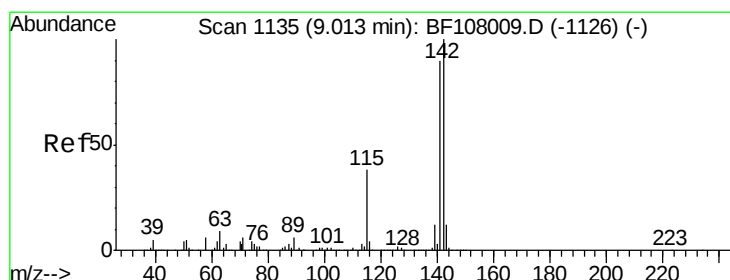
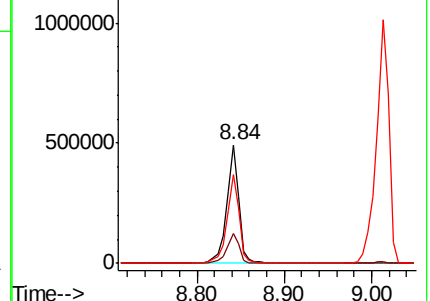
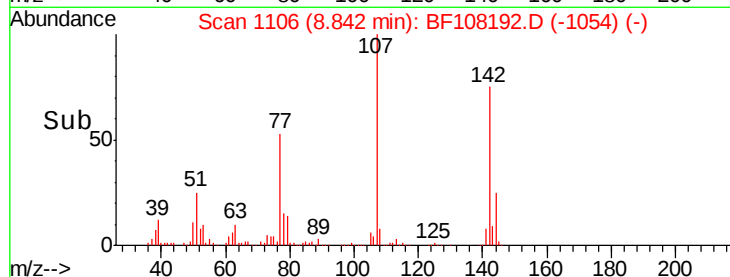
142 74.8 62.0 93.0



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



#37

2-Methylnaphthalene

Concen: 41.008 ng

RT: 9.01 min Scan# 1135

Delta R.T. 0.00 min

Lab File: BF108192.D

Acq: 16 Aug 2018 13:56

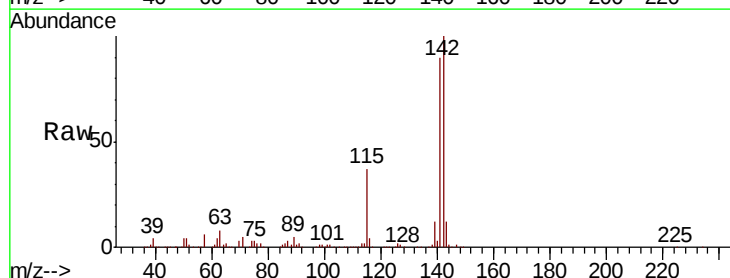
Tgt Ion:142 Resp: 1014890

Ion Ratio Lower Upper

142 100

141 90.4 70.8 106.2

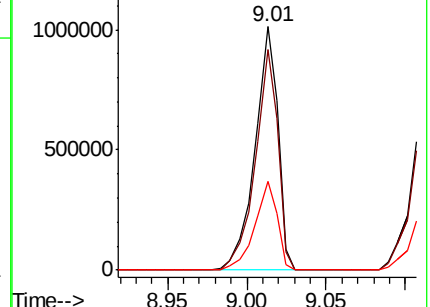
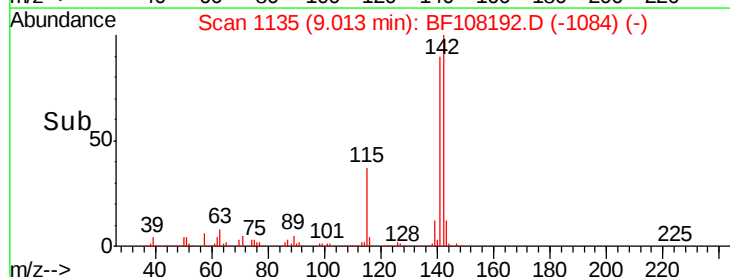
115 36.6 26.1 39.1

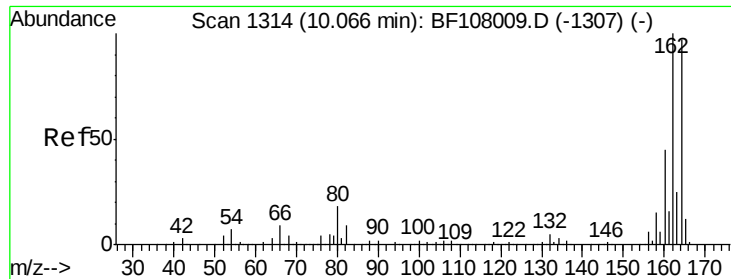


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

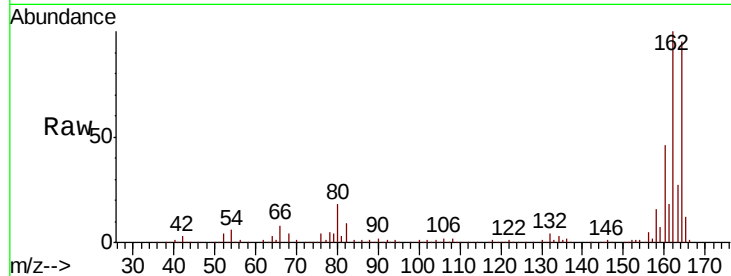




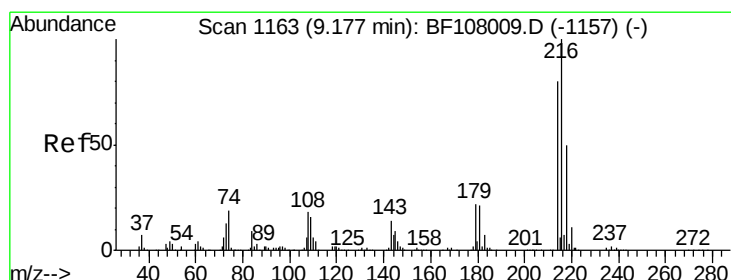
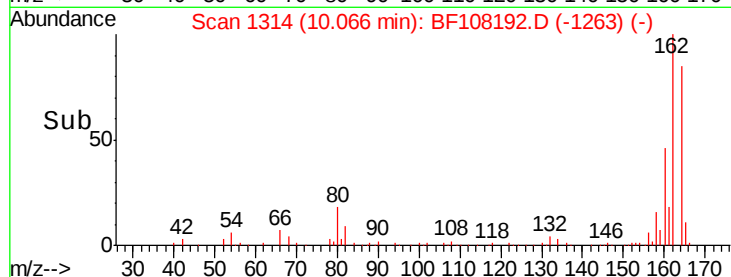
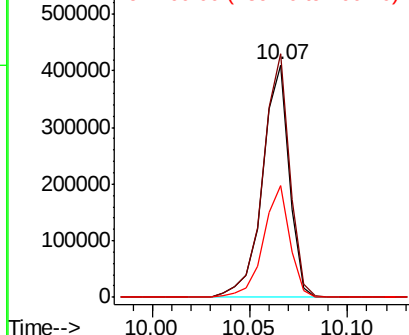
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.07 min Scan# 1314
 Delta R.T. 0.00 min
 Lab File: BF108192.D
 Acq: 16 Aug 2018 13:56

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:164 Resp: 388153
 Ion Ratio Lower Upper
 164 100
 162 104.8 86.1 129.1
 160 47.9 38.3 57.5

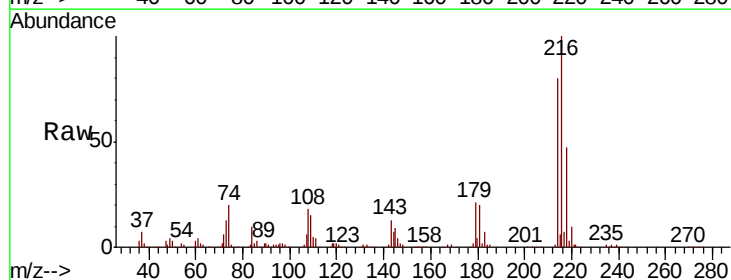


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

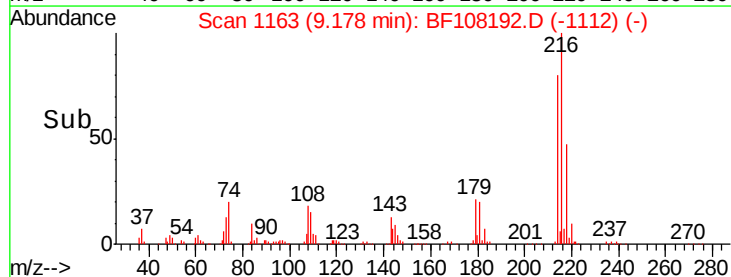
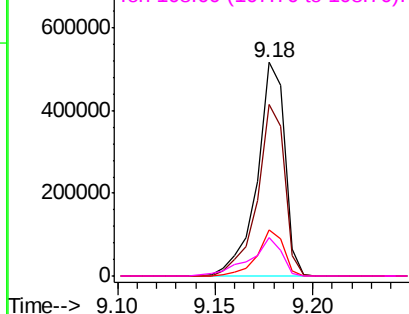


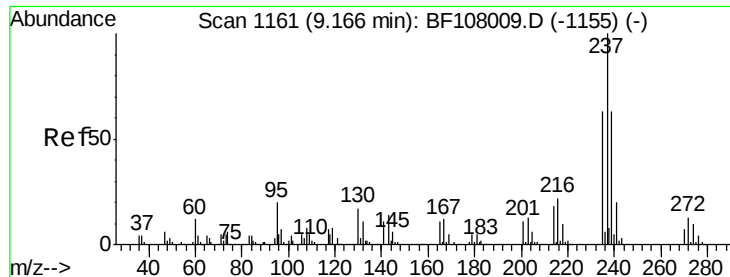
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.550 ng
 RT: 9.18 min Scan# 1163
 Delta R.T. 0.00 min
 Lab File: BF108192.D
 Acq: 16 Aug 2018 13:56

Tgt Ion:216 Resp: 507185
 Ion Ratio Lower Upper
 216 100
 214 79.2 63.0 94.4
 179 20.6 18.1 27.1
 108 20.4 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

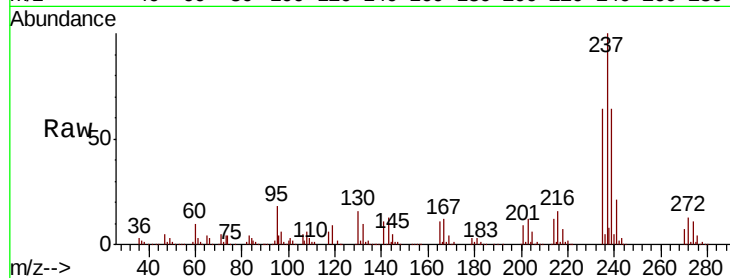




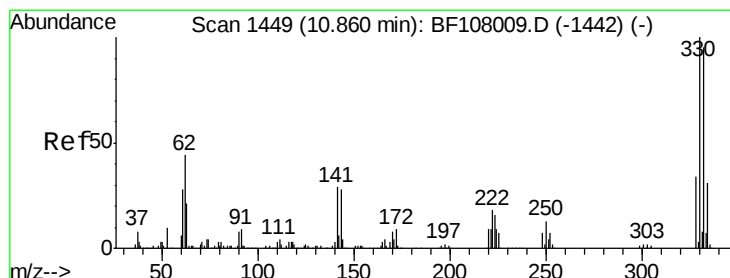
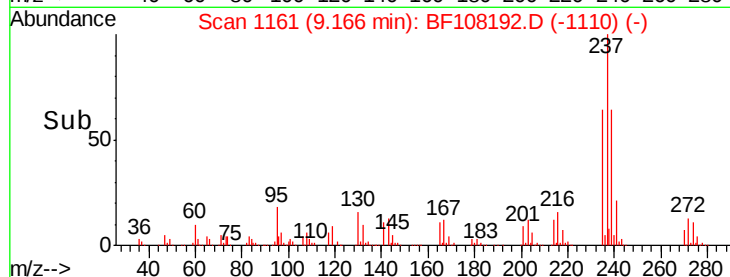
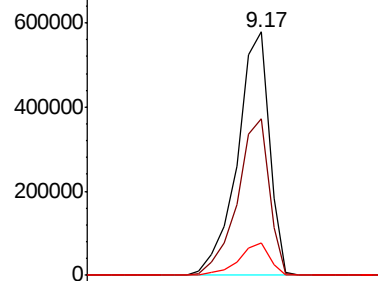
#40
Hexachlorocyclopentadiene
Concen: 79.167 ng
RT: 9.17 min Scan# 1161
Delta R.T. 0.00 min
Lab File: BF108192.D
Acq: 16 Aug 2018 13:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
237	100		
235	64.4	44.8	84.8
272	13.3	0.0	33.3

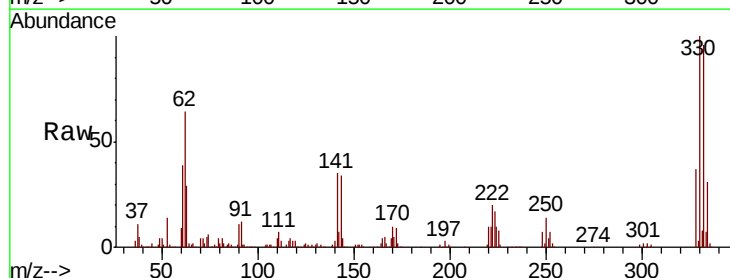


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

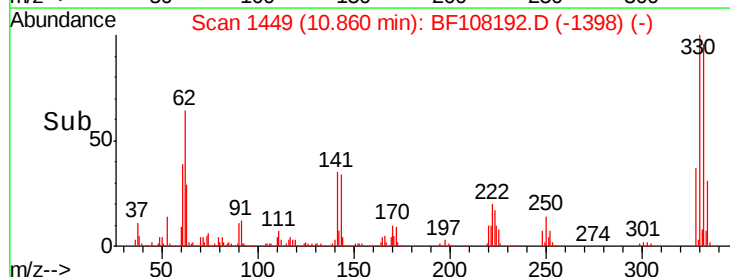
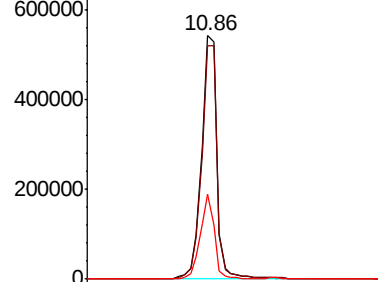


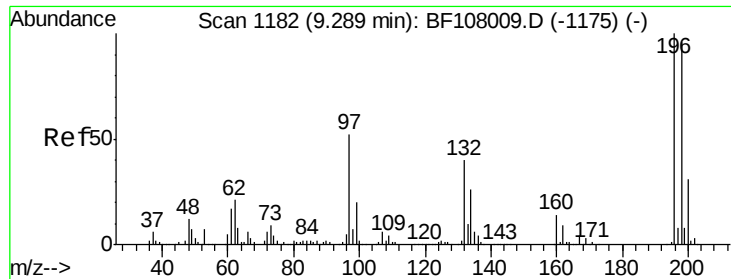
#41
2,4,6-Tribromophenol
Concen: 154.684 ng
RT: 10.86 min Scan# 1449
Delta R.T. 0.00 min
Lab File: BF108192.D
Acq: 16 Aug 2018 13:56

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	32.1	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

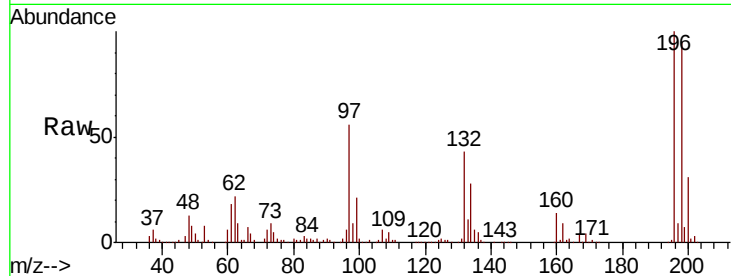




#42
 2,4,6-Trichlorophenol
 Concen: 45.559 ng
 RT: 9.29 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: BF108192.D
 Acq: 16 Aug 2018 13:56

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	196	Resp	336994
Ion Ratio	Lower	Upper	
196	100		
198	94.7	75.7	113.5
200	30.6	24.5	36.7

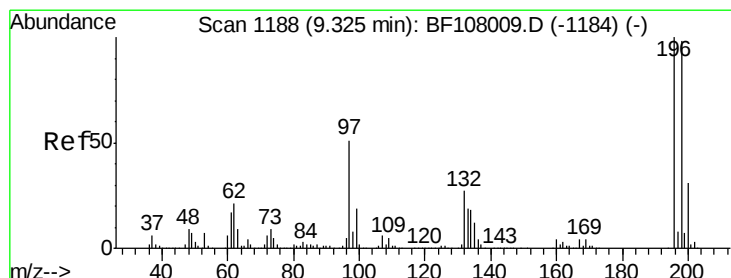
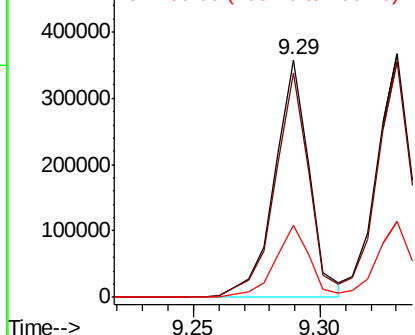
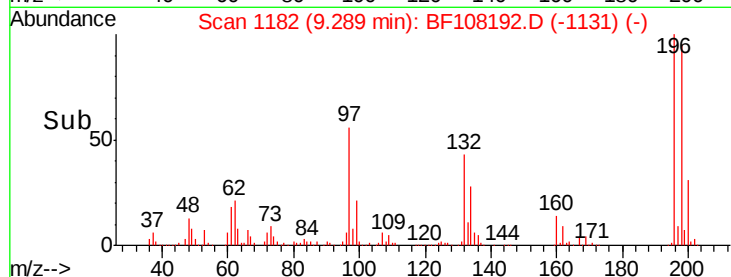


Abundance

Ion 196.00 (195.70 to 196.70): E

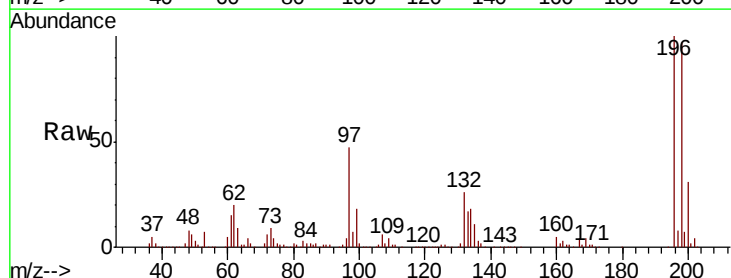
Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#43
 2,4,5-Trichlorophenol
 Concen: 44.137 ng
 RT: 9.33 min Scan# 1189
 Delta R.T. 0.01 min
 Lab File: BF108192.D
 Acq: 16 Aug 2018 13:56

Tgt Ion	196	Resp	359392
Ion Ratio	Lower	Upper	
196	100		
198	96.9	74.6	112.0
97	46.9	42.9	64.3
132	26.1	26.3	39.5#



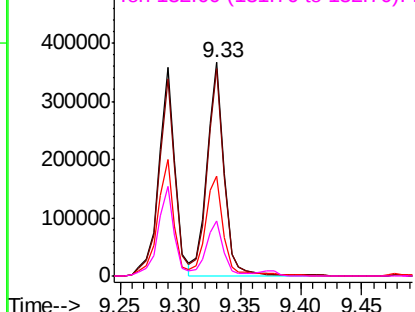
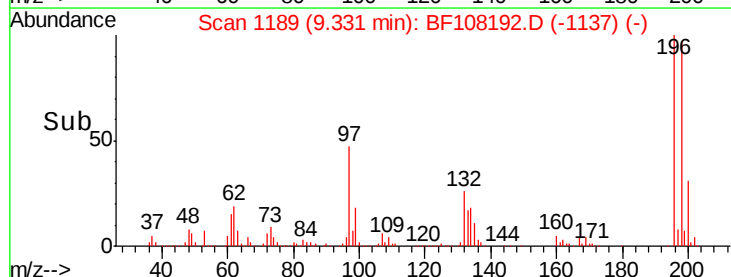
Abundance

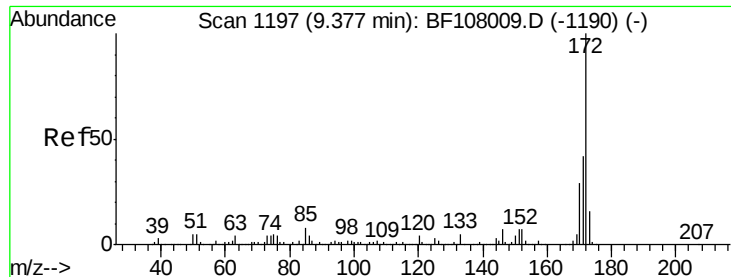
Ion 196.00 (195.70 to 196.70): E

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: 83.103 ng

RT: 9.38 min Scan# 1197

Delta R.T. 0.00 min

Lab File: BF108192.D

Acq: 16 Aug 2018 13:56

Instrument :

BNA_F

ClientSampled :

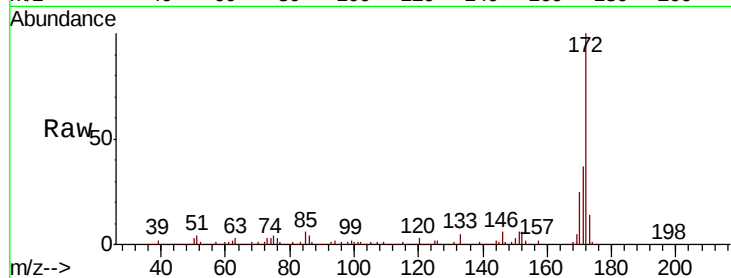
Tot Ion:172 Resp: 2009164

Ion Ratio Lower Upper

172 100

171 37.5 29.7 44.5

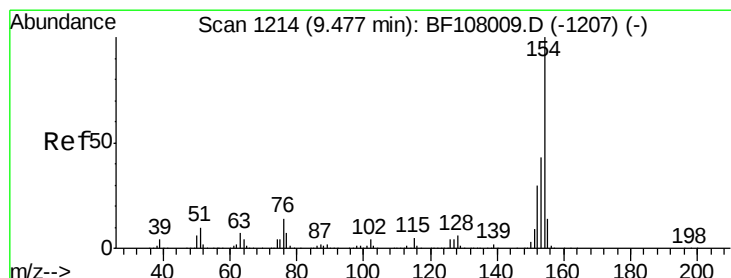
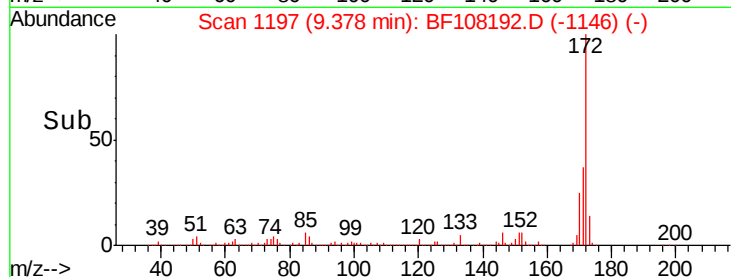
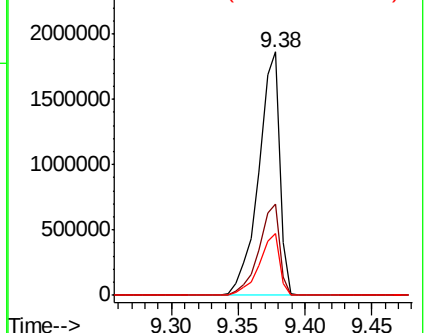
170 25.4 19.6 29.4



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#45

1,1'-Biphenyl

Concen: 42.920 ng

RT: 9.48 min Scan# 1214

Delta R.T. 0.00 min

Lab File: BF108192.D

Acq: 16 Aug 2018 13:56

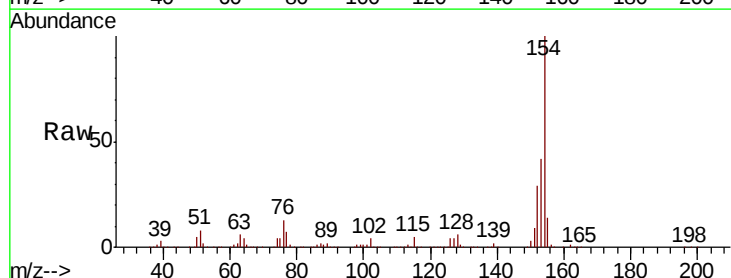
Tgt Ion:154 Resp: 1228310

Ion Ratio Lower Upper

154 100

153 41.9 21.3 61.3

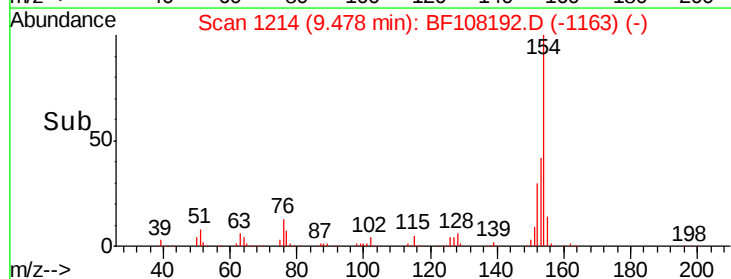
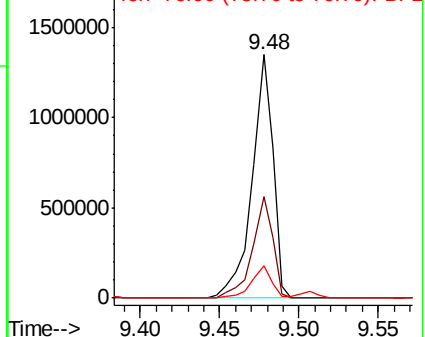
76 13.2 0.0 34.0

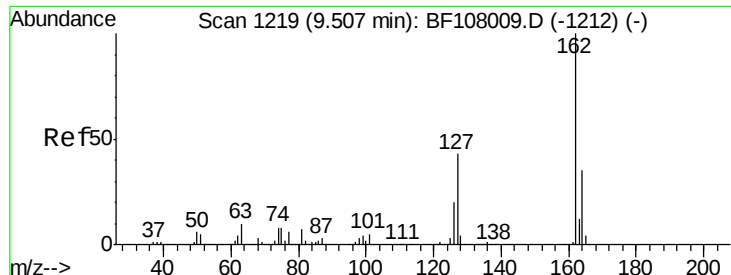


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

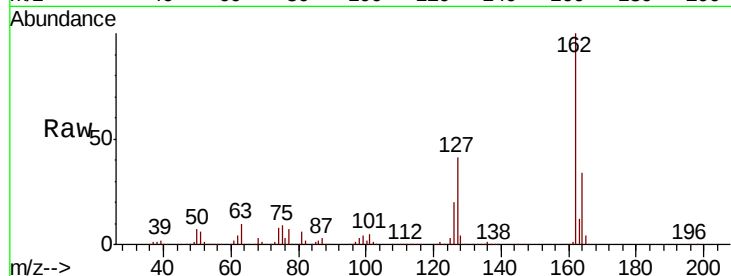




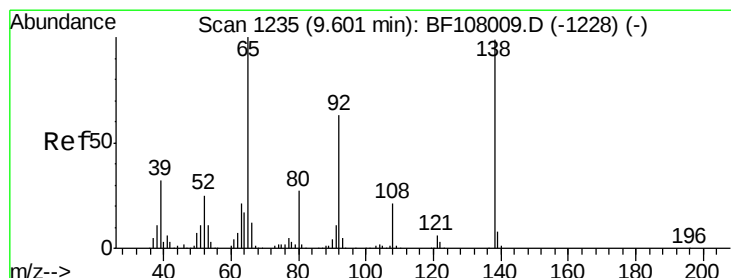
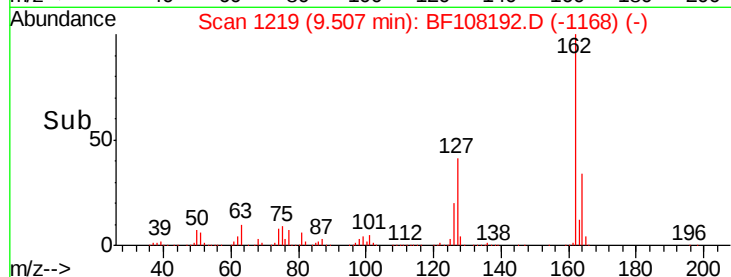
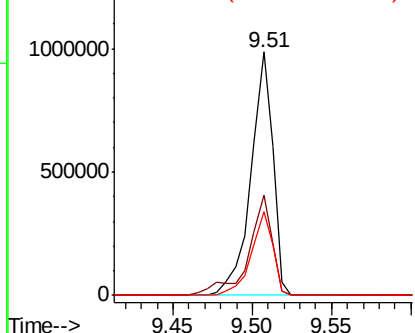
#46
2-Chloronaphthalene
Concen: 41.996 ng
RT: 9.51 min Scan# 1219
Delta R.T. 0.00 min
Lab File: BF108192.D
Acq: 16 Aug 2018 13:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.1	33.9	50.9
164	34.2	26.5	39.7

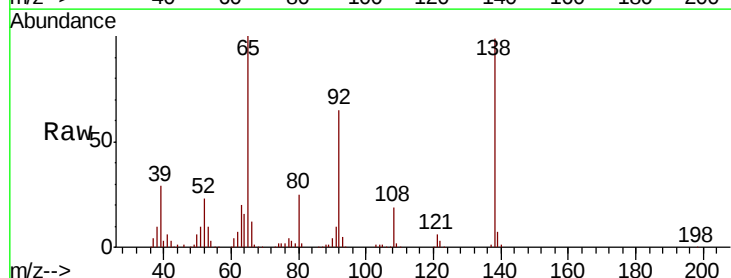


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

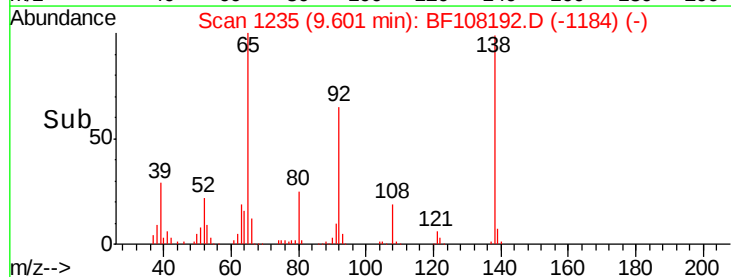
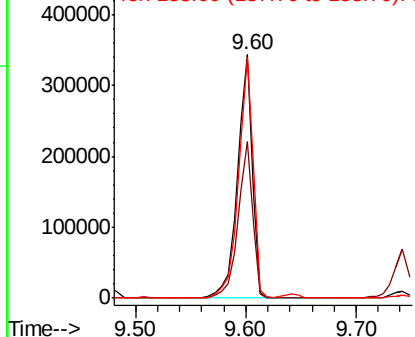


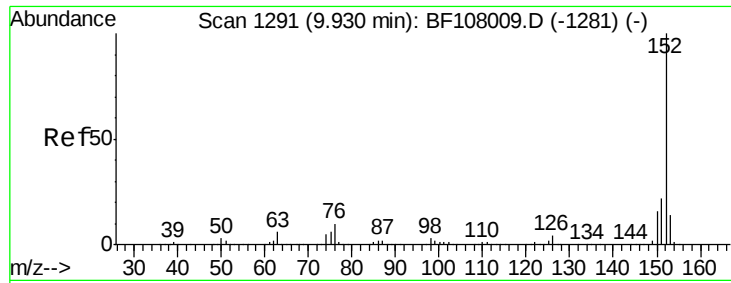
#47
2-Nitroaniline
Concen: 44.218 ng
RT: 9.60 min Scan# 1235
Delta R.T. 0.00 min
Lab File: BF108192.D
Acq: 16 Aug 2018 13:56

Tgt Ion	Ratio	Lower	Upper
65	100		
92	64.5	55.8	83.6
138	99.0	91.2	136.8



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

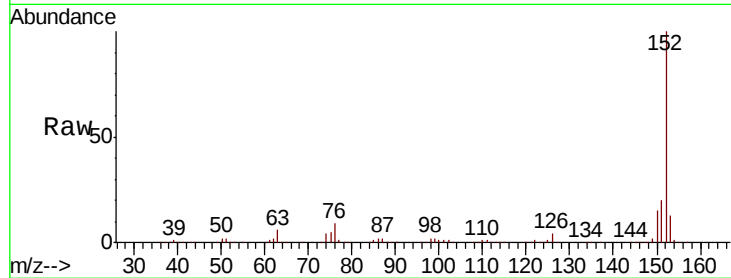




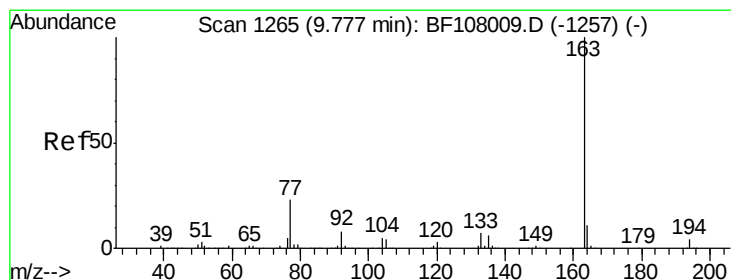
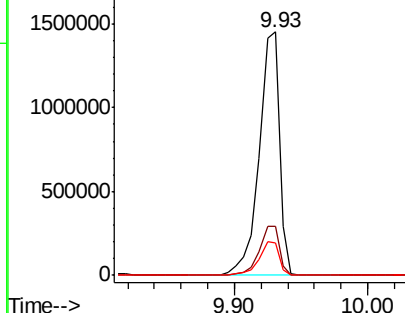
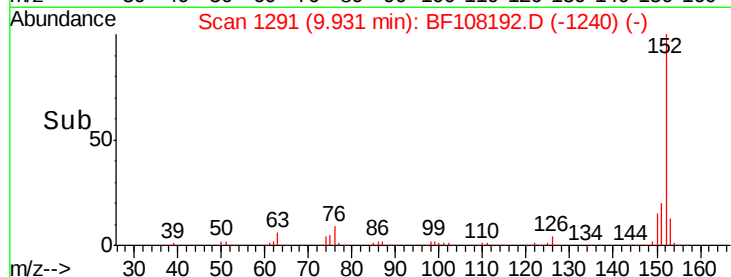
#48
Acenaphthylene
Concen: 42.411 ng
RT: 9.93 min Scan# 1291
Delta R.T. 0.00 min
Lab File: BF108192.D
Acq: 16 Aug 2018 13:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 1516570
Ion Ratio Lower Upper
152 100
151 20.1 16.3 24.5
153 13.4 10.7 16.1

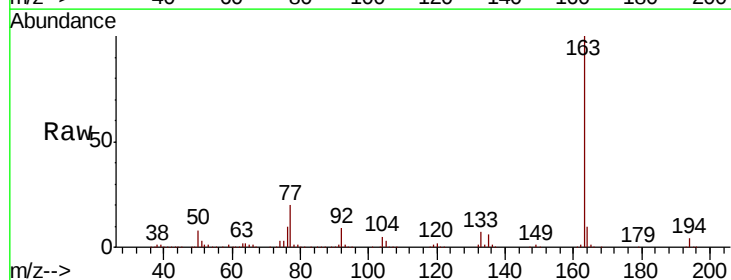


Abundance Ion 152.00 (151.70 to 152.70): E
2000000 Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

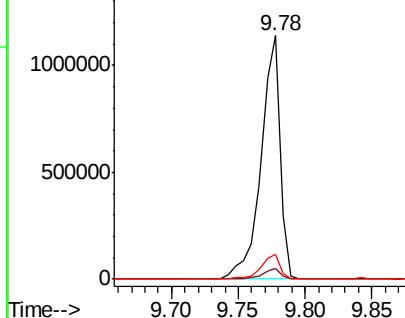
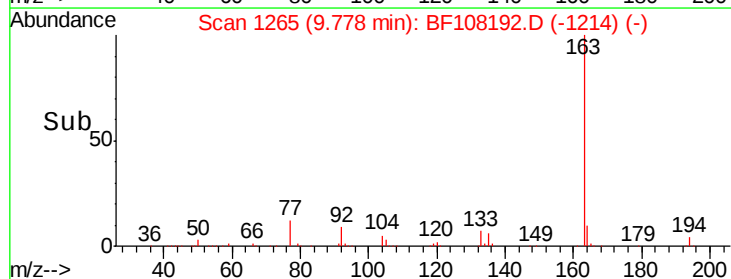


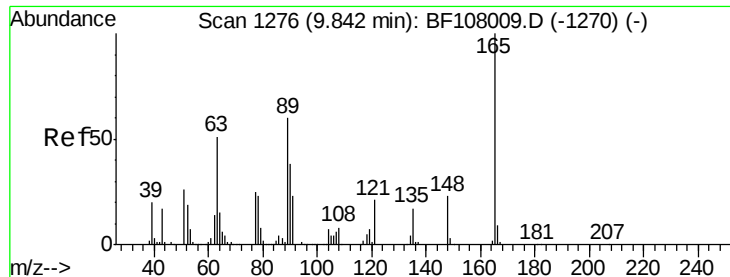
#49
Dimethylphthalate
Concen: 41.231 ng
RT: 9.78 min Scan# 1265
Delta R.T. 0.00 min
Lab File: BF108192.D
Acq: 16 Aug 2018 13:56

Tgt Ion:163 Resp: 1114803
Ion Ratio Lower Upper
163 100
194 4.3 2.7 4.1#
164 10.2 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E
1500000 Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

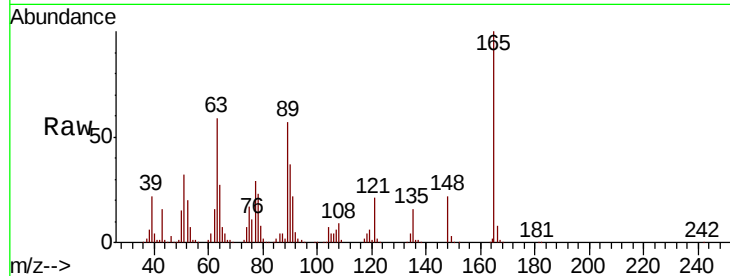




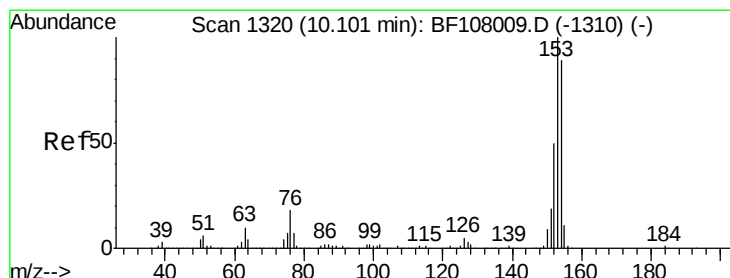
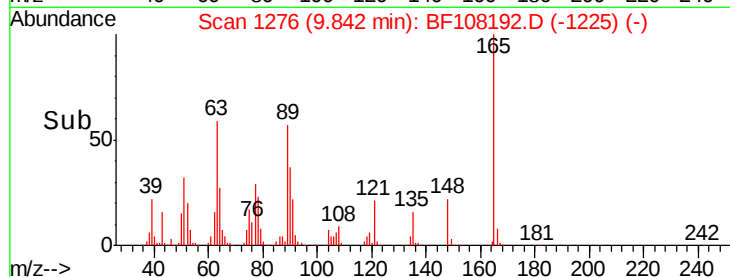
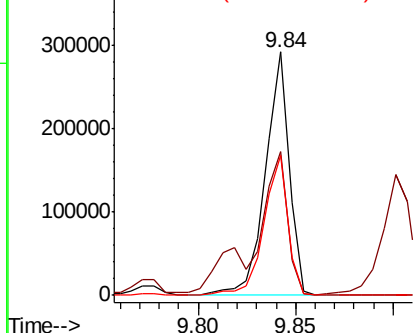
#50
 2,6-Dinitrotoluene
 Concen: 43.636 ng
 RT: 9.84 min Scan# 1276
 Delta R.T. 0.00 min
 Lab File: BF108192.D
 Acq: 16 Aug 2018 13:56

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:165 Resp: 246844
 Ion Ratio Lower Upper
 165 100
 63 59.2 44.7 67.1
 89 57.3 44.0 66.0

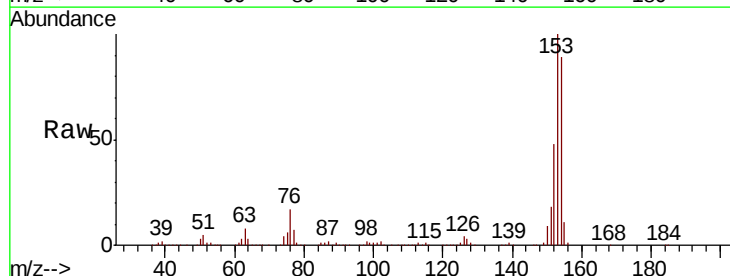


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

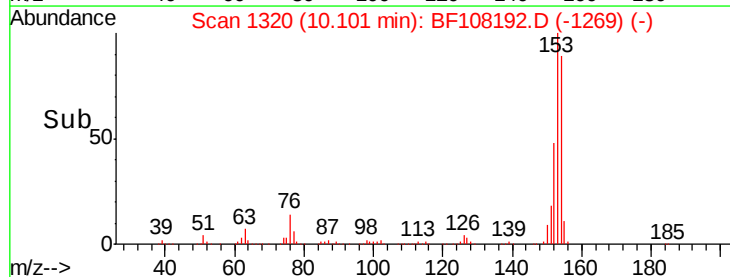
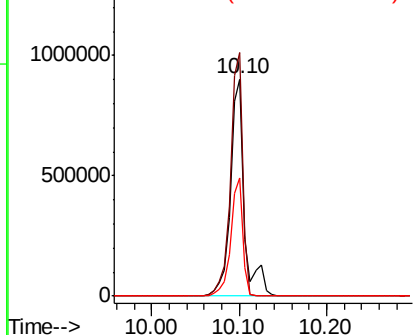


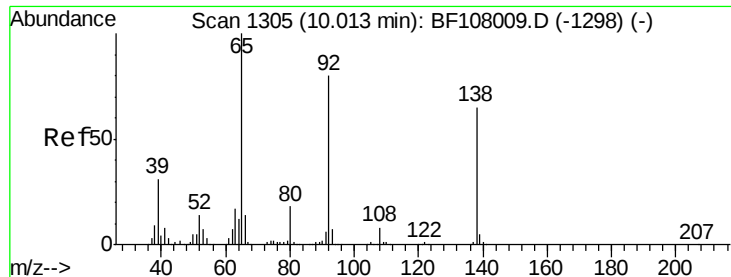
#51
 Acenaphthene
 Concen: 45.368 ng
 RT: 10.10 min Scan# 1320
 Delta R.T. 0.00 min
 Lab File: BF108192.D
 Acq: 16 Aug 2018 13:56

Tgt Ion:154 Resp: 993663
 Ion Ratio Lower Upper
 154 100
 153 112.2 91.2 136.8
 152 54.3 43.8 65.8



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

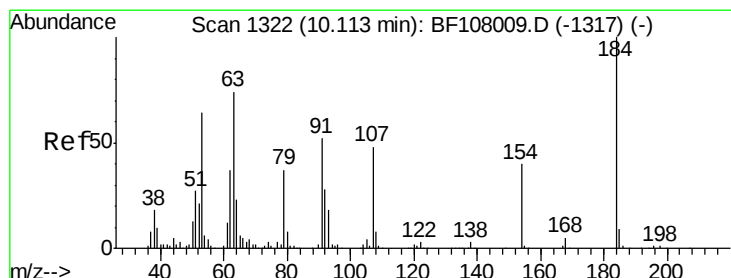
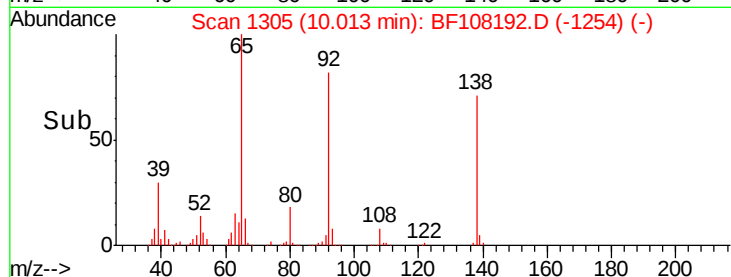
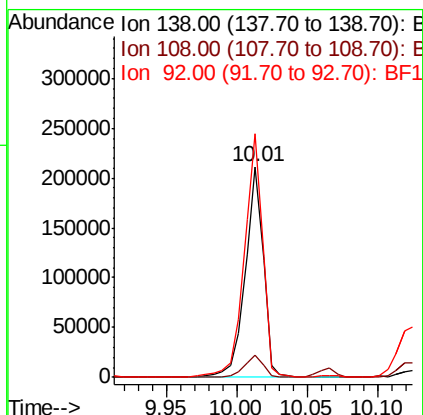
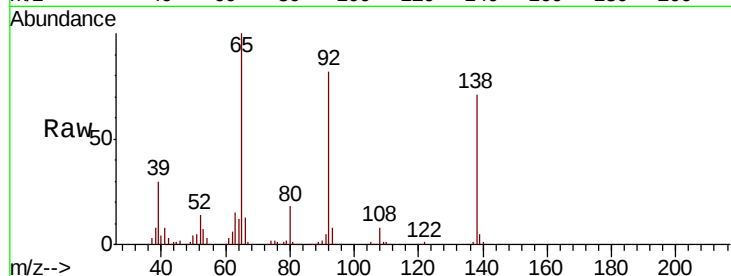




#52
3-Nitroaniline
Concen: 30.521 ng
RT: 10.01 min Scan# 1305
Delta R.T. 0.00 min
Lab File: BF108192.D
Acq: 16 Aug 2018 13:56

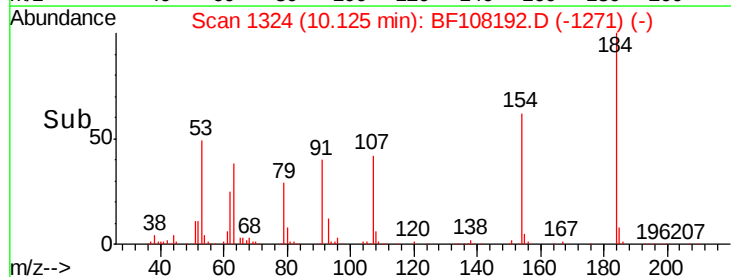
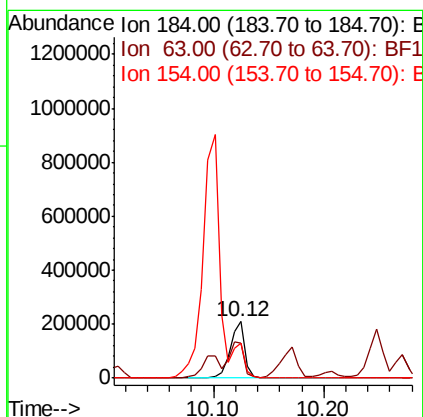
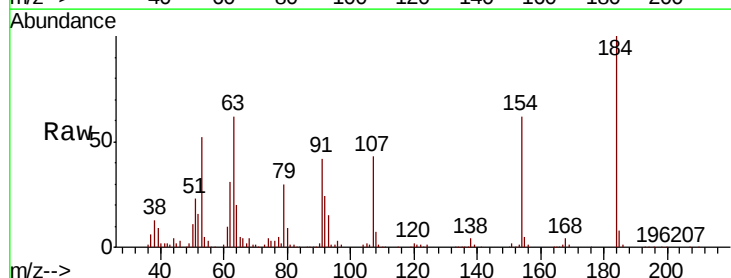
Instrument :
BNA_F
ClientSampleId :

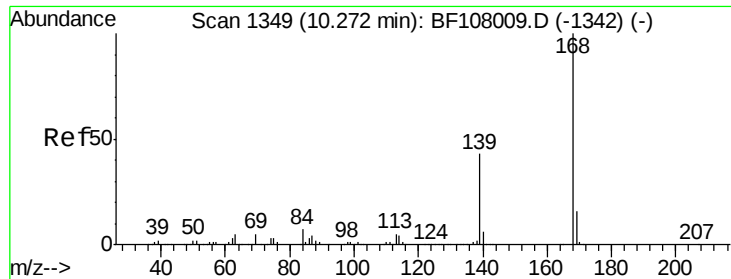
Tot Ion:138 Resp: 188905
Ion Ratio Lower Upper
138 100
108 10.7 9.4 14.0
92 115.6 89.4 134.2



#53
2,4-Dinitrophenol
Concen: 91.439 ng
RT: 10.12 min Scan# 1324
Delta R.T. 0.01 min
Lab File: BF108192.D
Acq: 16 Aug 2018 13:56

Tgt Ion:184 Resp: 195910
Ion Ratio Lower Upper
184 100
63 62.3 54.2 81.2
154 62.4 184.0 276.0#

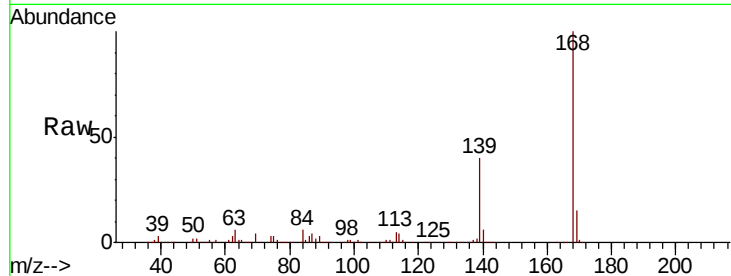




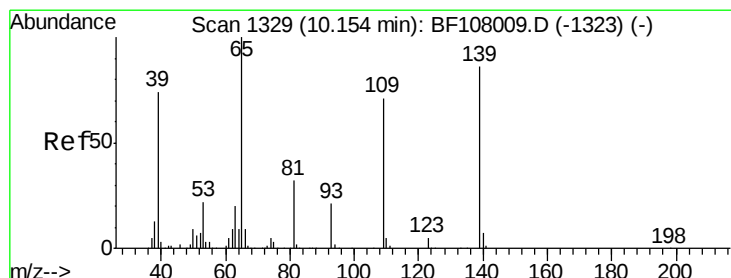
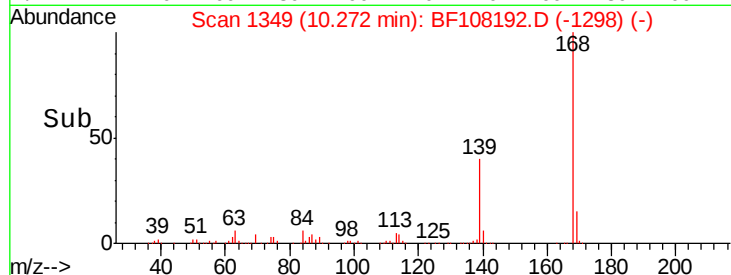
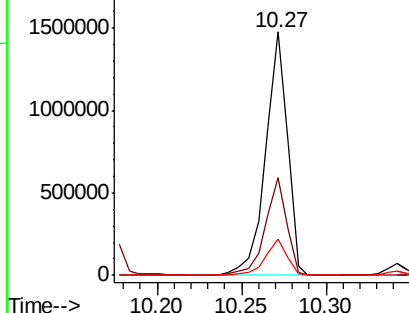
#54
Dibenzenofuran
Concen: 41.493 ng
RT: 10.27 min Scan# 1349
Delta R.T. 0.00 min
Lab File: BF108192.D
Acq: 16 Aug 2018 13:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 1316644
Ion Ratio Lower Upper
168 100
139 40.1 30.1 45.1
169 15.0 10.9 16.3

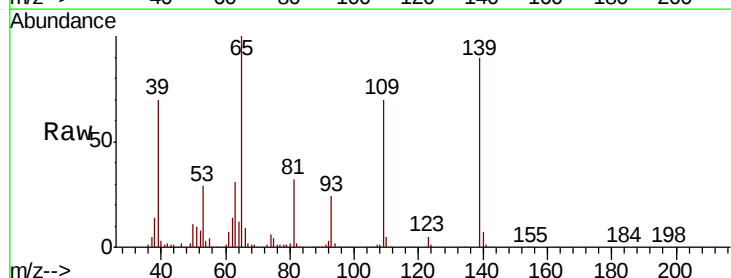


Abundance Ion 168.00 (167.70 to 168.70): E
2000000 Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

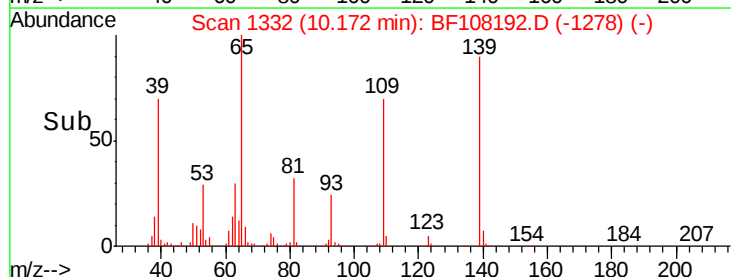
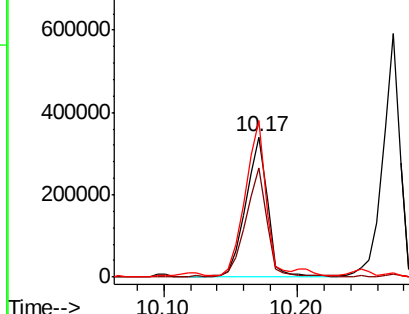


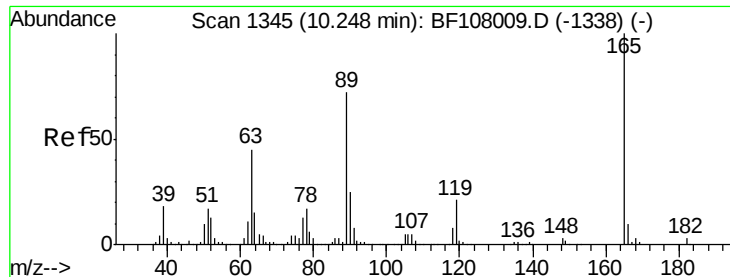
#55
4-Nitrophenol
Concen: 80.612 ng
RT: 10.17 min Scan# 1332
Delta R.T. 0.02 min
Lab File: BF108192.D
Acq: 16 Aug 2018 13:56

Tgt Ion:139 Resp: 377820
Ion Ratio Lower Upper
139 100
109 77.8 48.4 88.4
65 111.1 72.6 112.6



Abundance Ion 139.00 (138.70 to 139.70): E
800000 Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

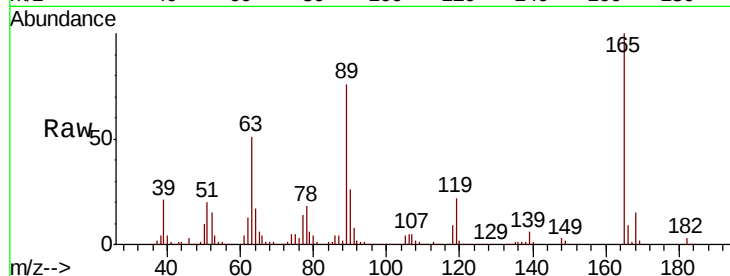




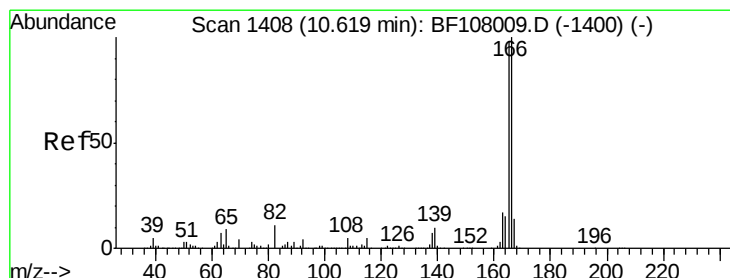
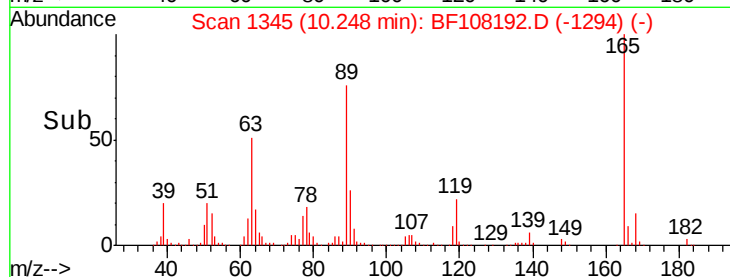
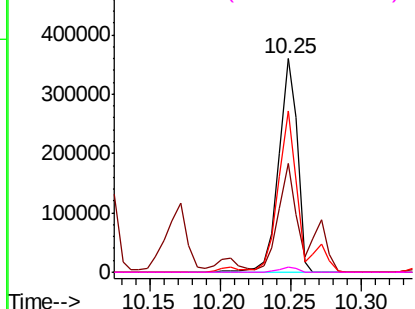
#56
2,4-Dinitrotoluene
Concen: 45.693 ng
RT: 10.25 min Scan# 1345
Delta R.T. 0.00 min
Lab File: BF108192.D
Acq: 16 Aug 2018 13:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 332712
Ion Ratio Lower Upper
165 100
63 51.1 36.4 54.6
89 75.5 57.8 86.6
182 2.7 1.6 2.4#

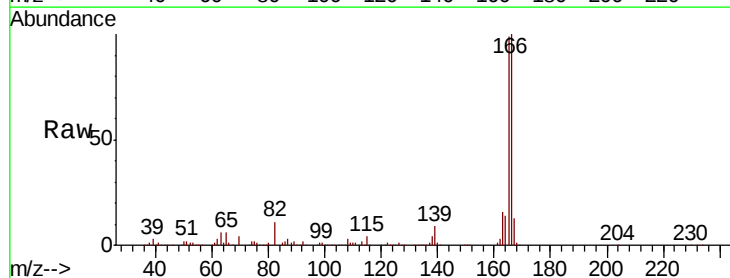


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

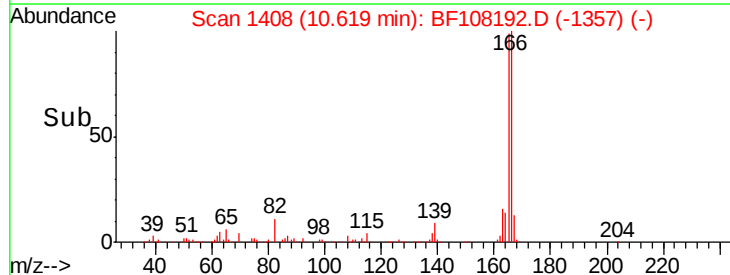
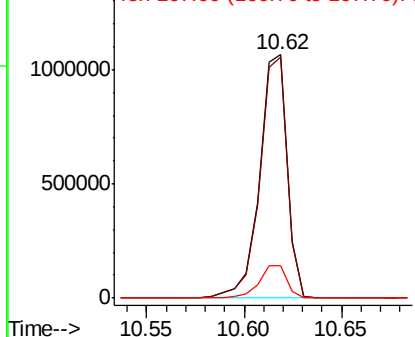


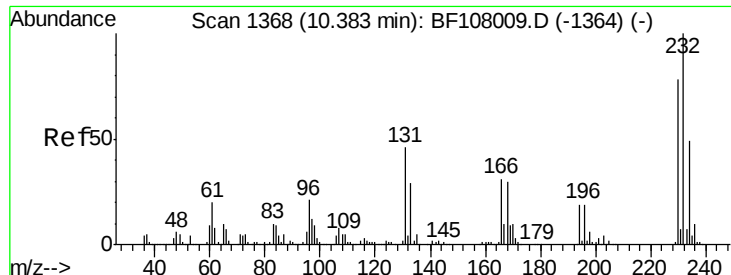
#57
Fluorene
Concen: 41.387 ng
RT: 10.62 min Scan# 1408
Delta R.T. 0.00 min
Lab File: BF108192.D
Acq: 16 Aug 2018 13:56

Tgt Ion:166 Resp: 1039610
Ion Ratio Lower Upper
166 100
165 98.9 79.8 119.8
167 13.3 10.6 16.0



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

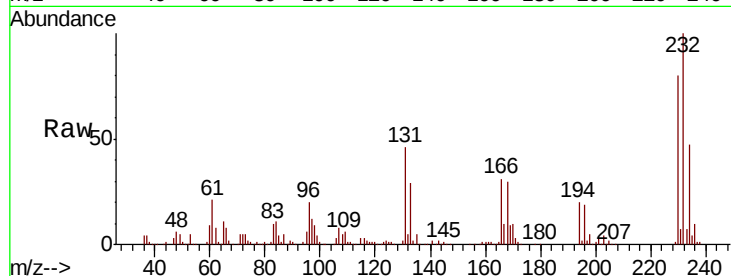




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 44.751 ng
 RT: 10.38 min Scan# 1368
 Delta R.T. 0.00 min
 Lab File: BF108192.D
 Acq: 16 Aug 2018 13:56

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
232	100		
131	41.2	43.8	65.8#
130	2.2	2.1	3.1
166	28.6	27.8	41.6



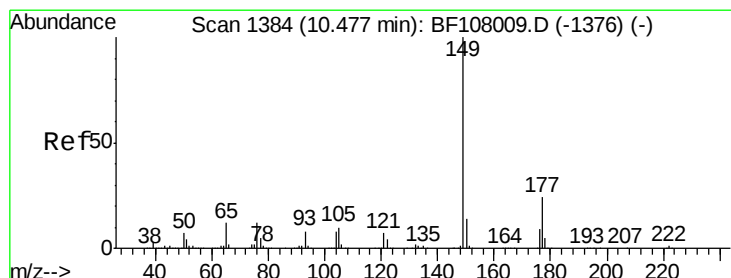
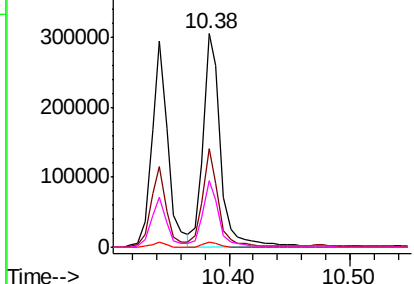
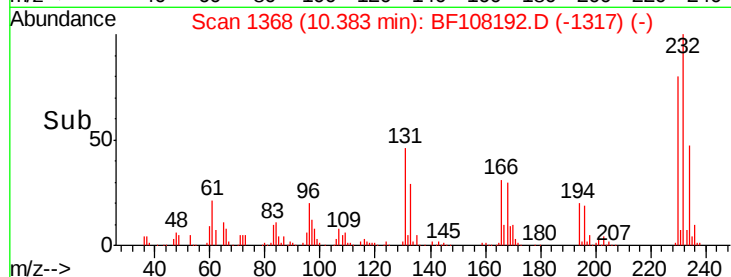
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

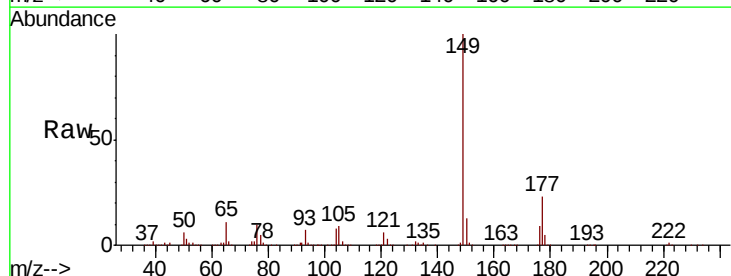
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#59
 Diethylphthalate
 Concen: 40.275 ng
 RT: 10.48 min Scan# 1384
 Delta R.T. 0.00 min
 Lab File: BF108192.D
 Acq: 16 Aug 2018 13:56

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.5	16.1	24.1
150	13.1	10.1	15.1

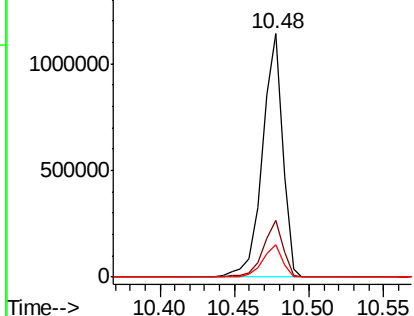
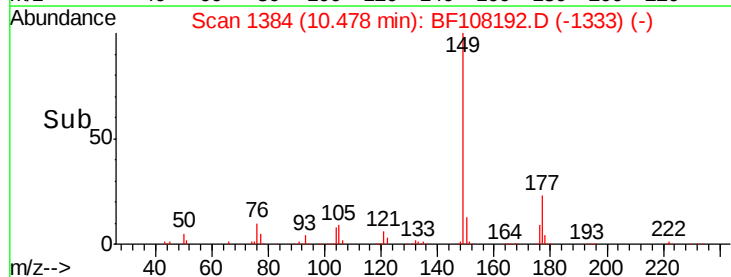


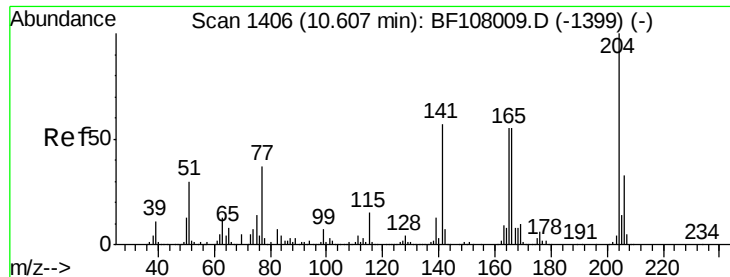
Abundance

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

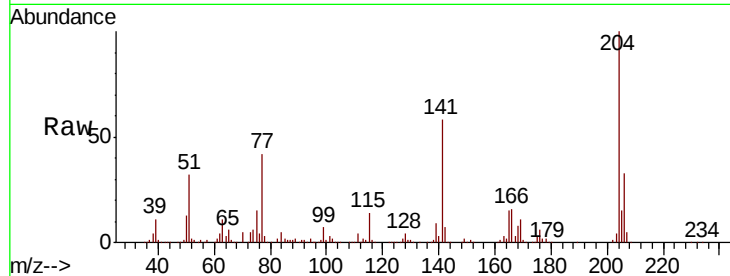




#60
4-Chlorophenyl-phenylether
Concen: 40.951 ng
RT: 10.60 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BF108192.D
Acq: 16 Aug 2018 13:56

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.2	26.5	39.7
141	57.7	54.6	81.8

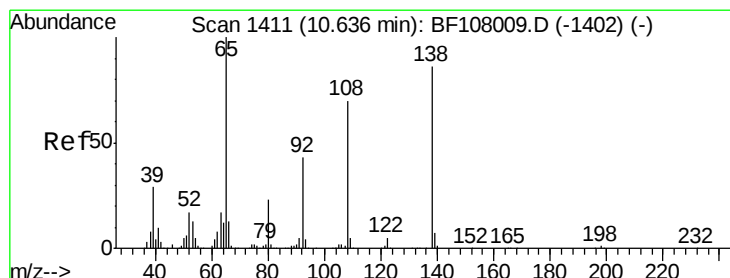
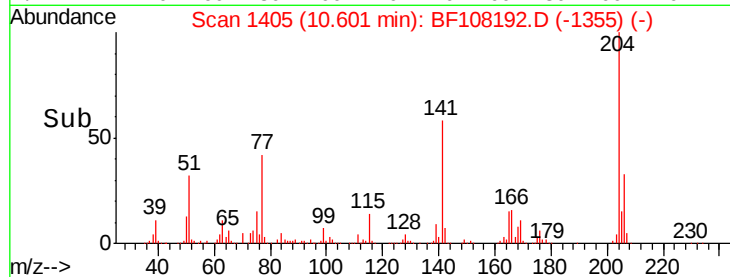
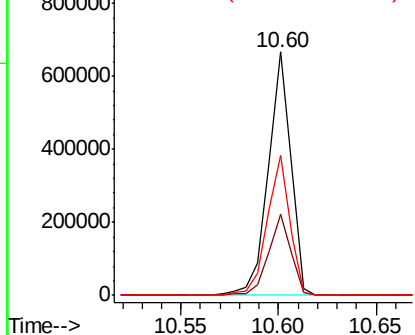


Abundance

Ion 204.00 (203.70 to 204.70): E

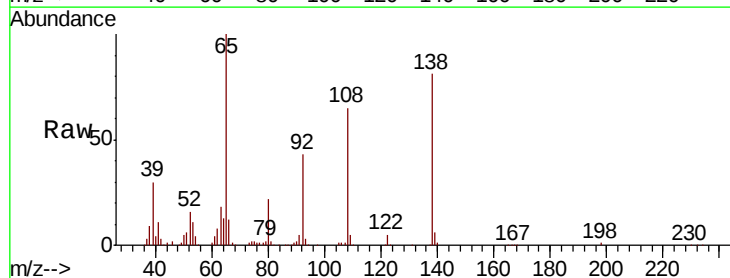
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#61
4-Nitroaniline
Concen: 42.307 ng
RT: 10.64 min Scan# 1411
Delta R.T. 0.00 min
Lab File: BF108192.D
Acq: 16 Aug 2018 13:56

Tgt Ion	Ratio	Lower	Upper
138	100		
92	52.5	30.2	70.2
108	80.5	52.5	92.5

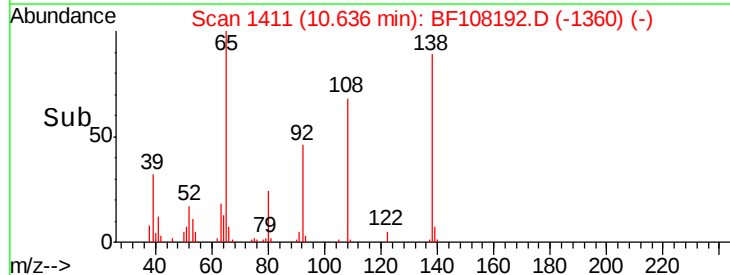
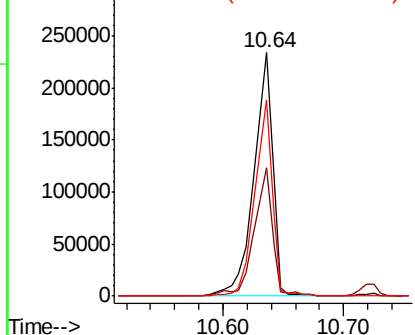


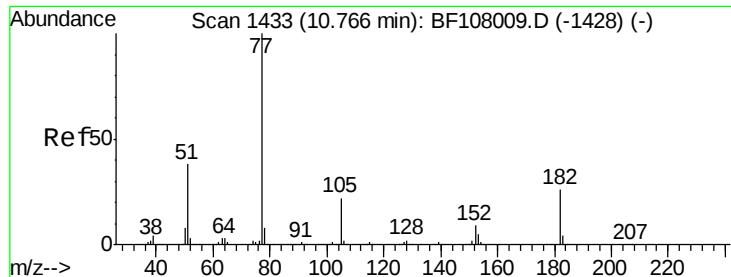
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





#62

Azobenzene

Concen: 40.251 ng

RT: 10.77 min Scan# 1433

Delta R.T. 0.00 min

Lab File: BF108192.D

Acq: 16 Aug 2018 13:56

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 1088348

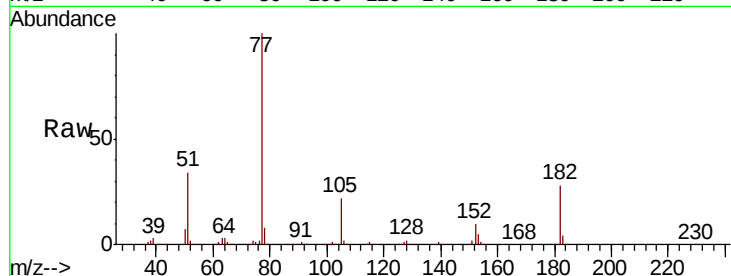
Ion Ratio Lower Upper

77 100

182 28.5 1.7 41.7

105 22.0 3.0 43.0

51 33.9 9.9 49.9

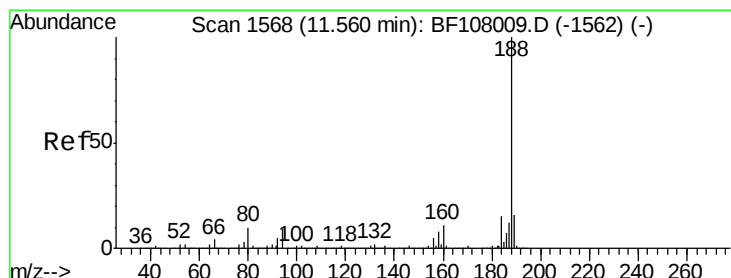
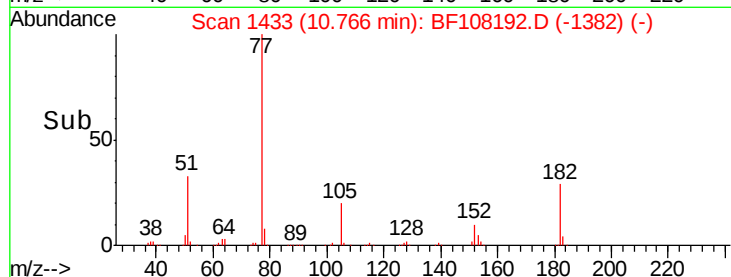
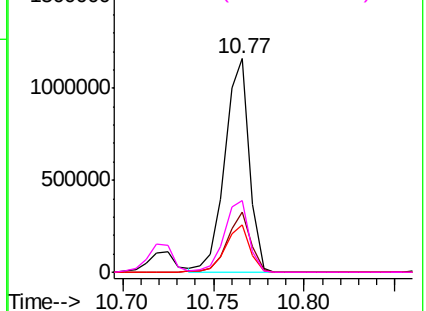


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.56 min Scan# 1568

Delta R.T. 0.00 min

Lab File: BF108192.D

Acq: 16 Aug 2018 13:56

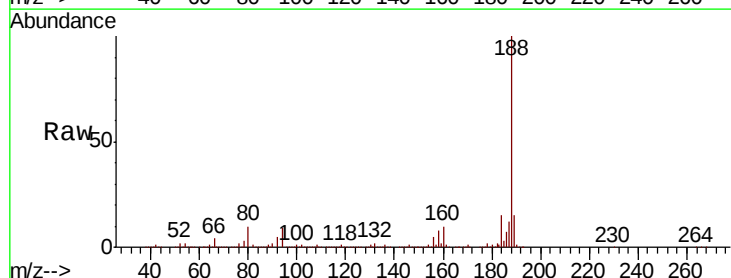
Tgt Ion: 188 Resp: 764686

Ion Ratio Lower Upper

188 100

94 8.8 8.5 12.7

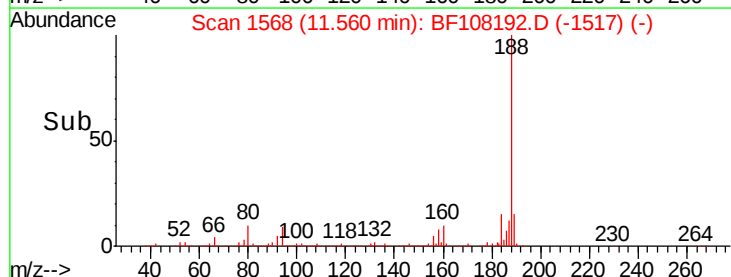
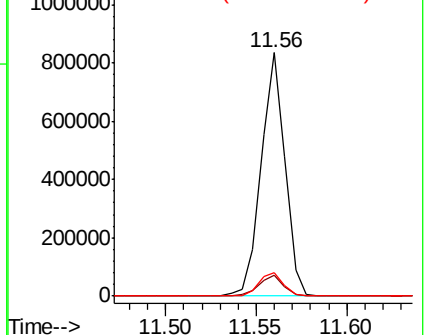
80 9.6 9.2 13.8

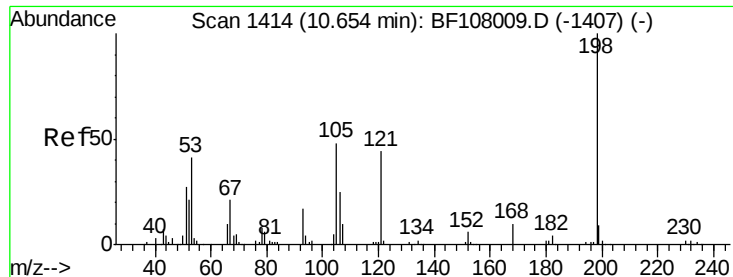


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

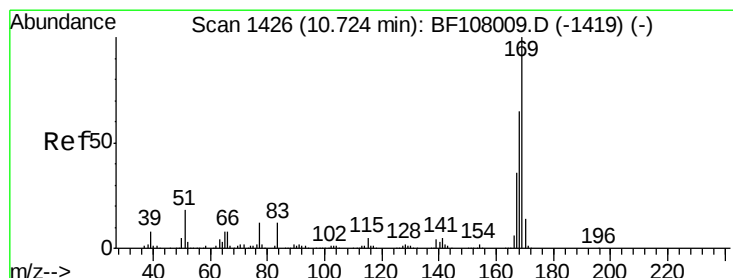
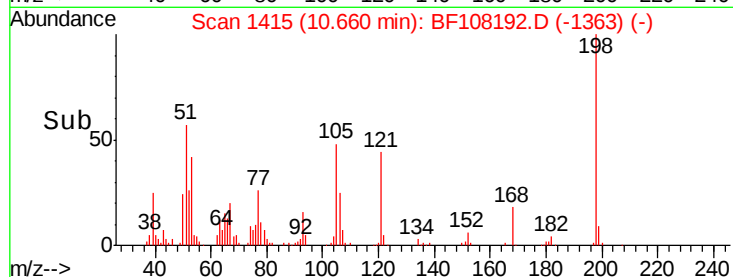
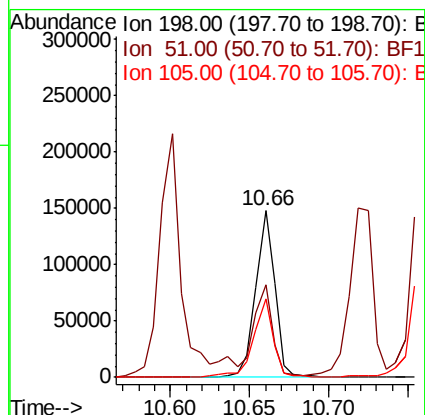
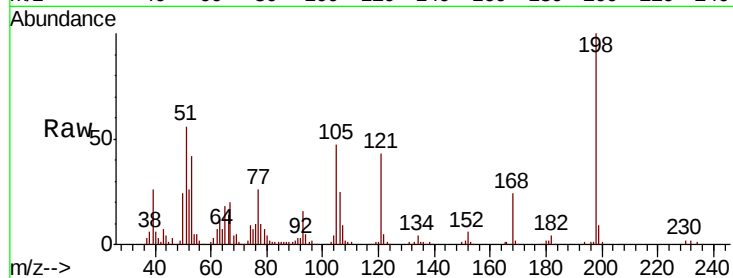




#64
4,6-Dinitro-2-methylphenol
Concen: 44.137 ng
RT: 10.66 min Scan# 1415
Delta R.T. 0.01 min
Lab File: BF108192.D
Acq: 16 Aug 2018 13:56

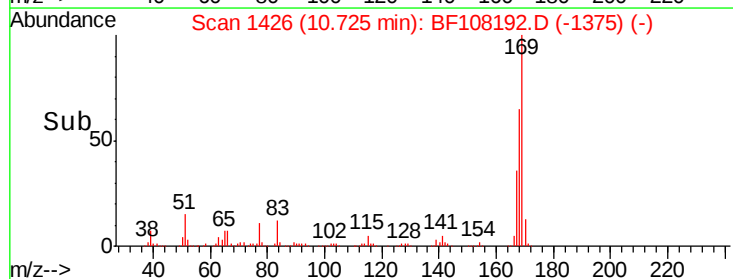
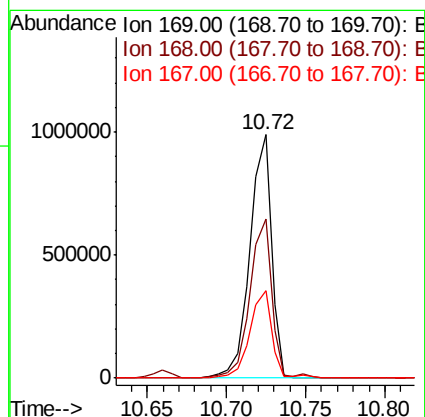
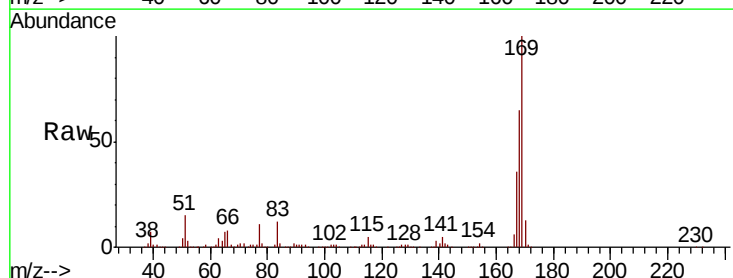
Instrument :
BNA_F
ClientSampled :

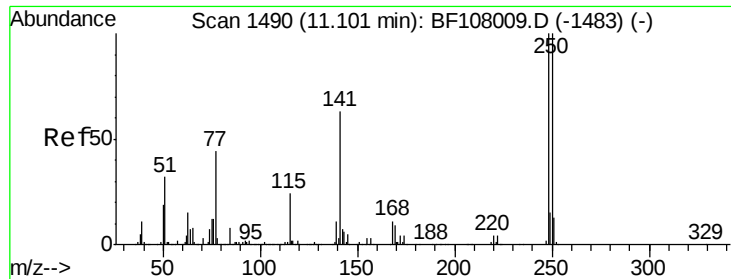
Tot Ion:198 Resp: 125319
Ion Ratio Lower Upper
198 100
51 55.9 37.7 77.7
105 46.9 36.3 76.3



#65
n-Nitrosodiphenylamine
Concen: 41.575 ng
RT: 10.72 min Scan# 1426
Delta R.T. 0.00 min
Lab File: BF108192.D
Acq: 16 Aug 2018 13:56

Tgt Ion:169 Resp: 939468
Ion Ratio Lower Upper
169 100
168 65.2 54.4 81.6
167 36.0 29.8 44.6

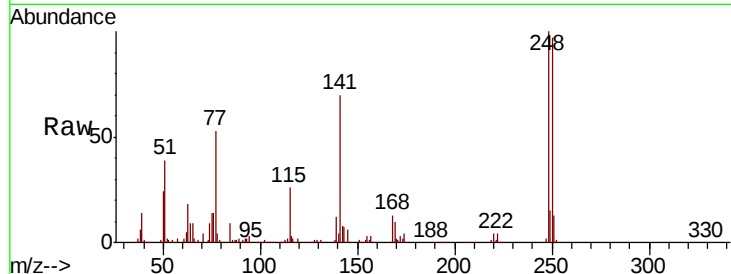




#66
4-Bromophenyl-phenylether
Concen: 42.020 ng
RT: 11.10 min Scan# 1489
Delta R.T. -0.01 min
Lab File: BF108192.D
Acq: 16 Aug 2018 13:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.4	76.9	115.3
141	69.6	74.4	111.6#

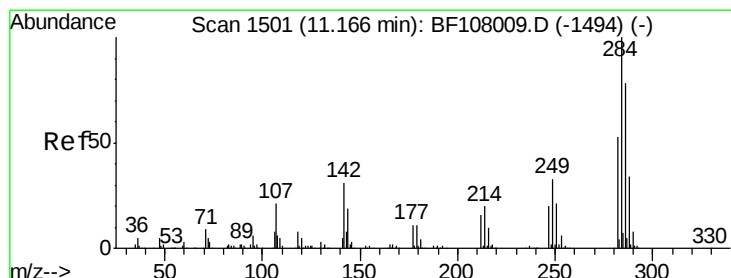
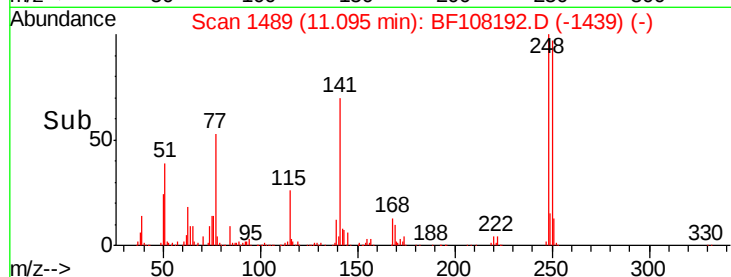
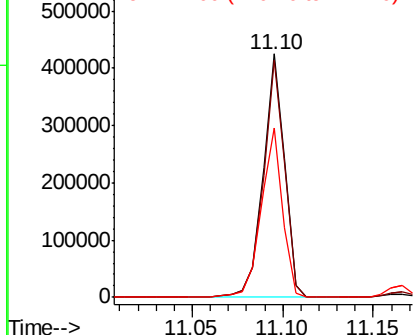


Abundance

Ion 248.00 (247.70 to 248.70): E

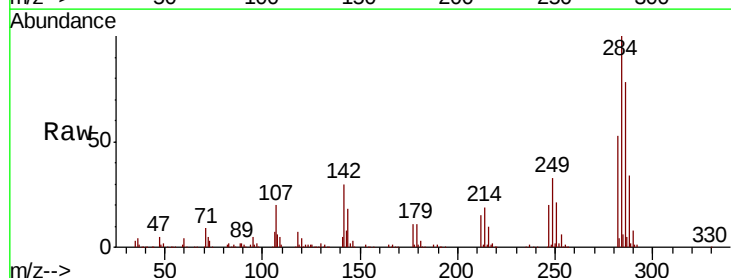
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#67
Hexachlorobenzene
Concen: 42.081 ng
RT: 11.17 min Scan# 1501
Delta R.T. 0.00 min
Lab File: BF108192.D
Acq: 16 Aug 2018 13:56

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.1	34.6	52.0#
249	32.8	24.8	37.2

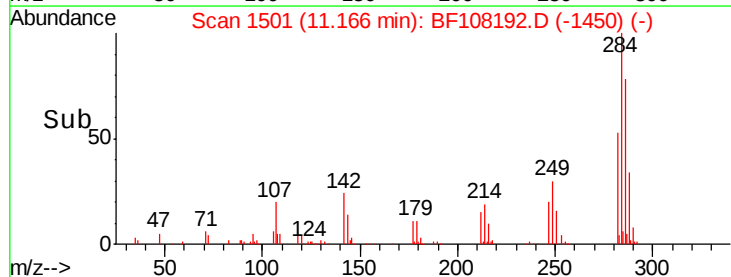
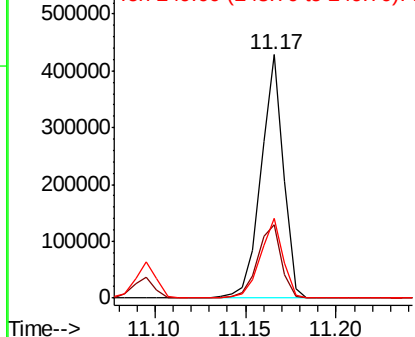


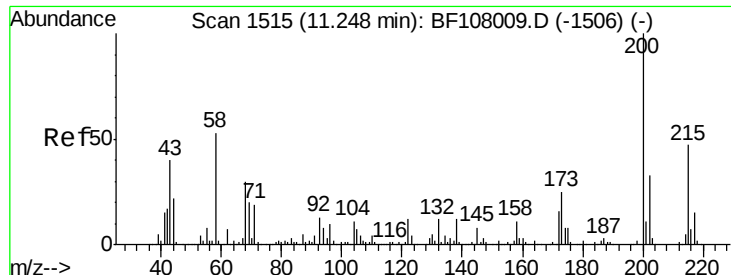
Abundance

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

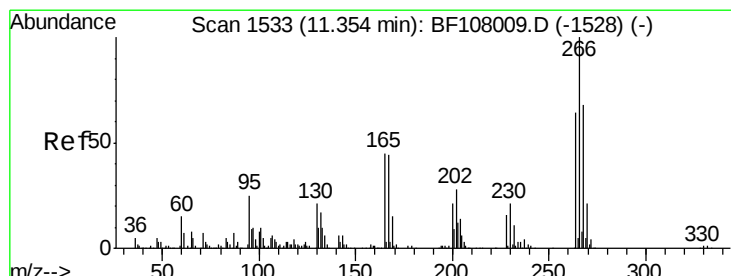
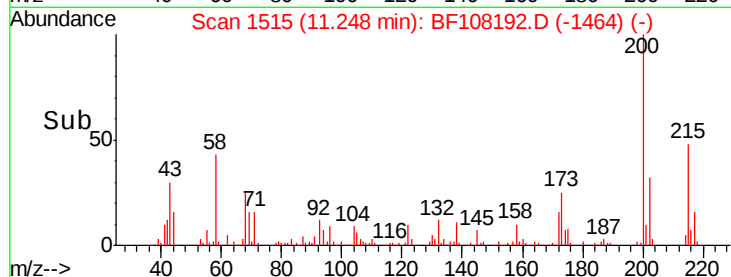
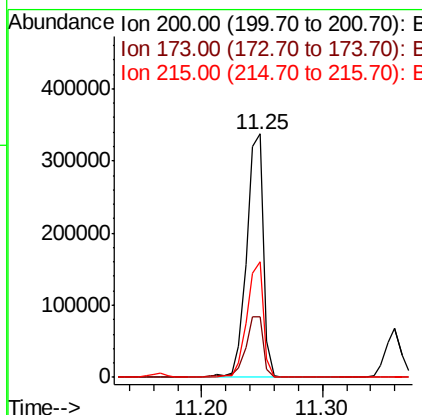
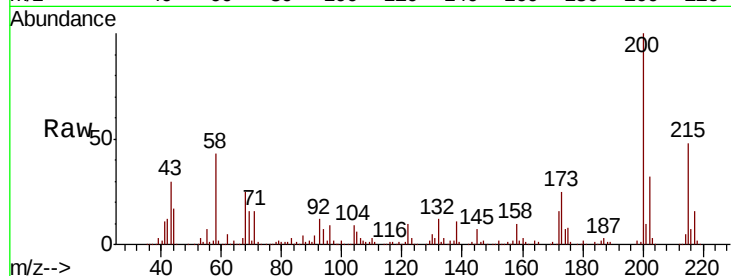




#68
 Atrazine
 Concen: 43.135 ng
 RT: 11.25 min Scan# 1515
 Delta R.T. 0.00 min
 Lab File: BF108192.D
 Acq: 16 Aug 2018 13:56

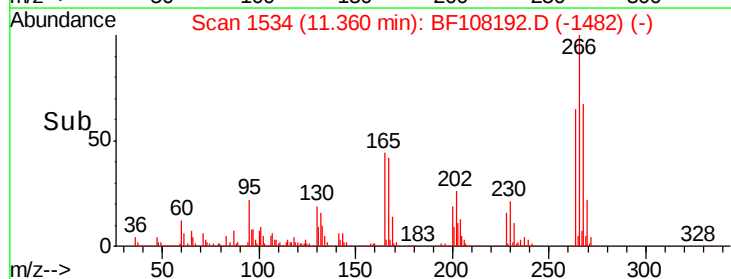
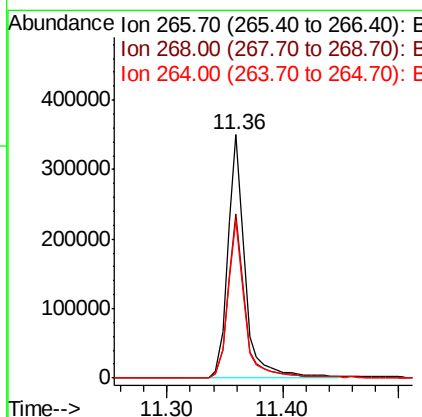
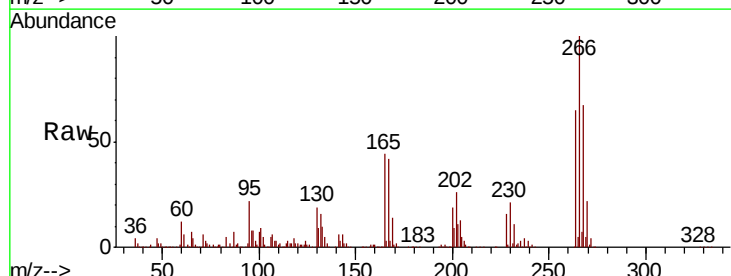
Instrument :
 BNA_F
 ClientSampleId :

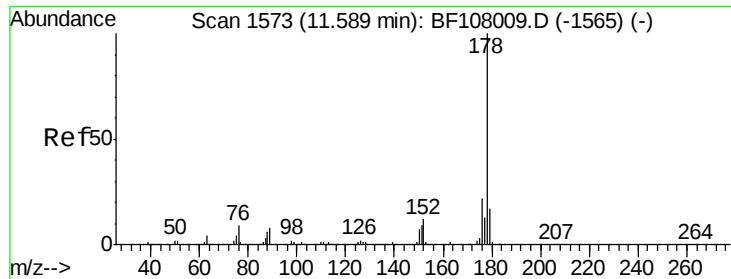
Tot Ion	Ratio	Lower	Upper
200	100		
173	25.1	8.6	48.6
215	47.7	25.1	65.1



#69
 Pentachlorophenol
 Concen: 86.337 ng
 RT: 11.36 min Scan# 1534
 Delta R.T. 0.01 min
 Lab File: BF108192.D
 Acq: 16 Aug 2018 13:56

Tgt Ion	Ratio	Lower	Upper
266	100		
268	67.3	51.1	76.7
264	64.8	49.5	74.3

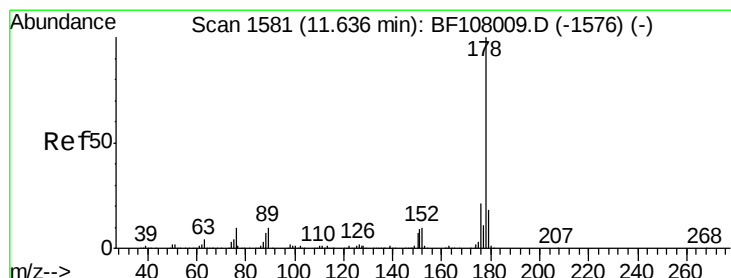
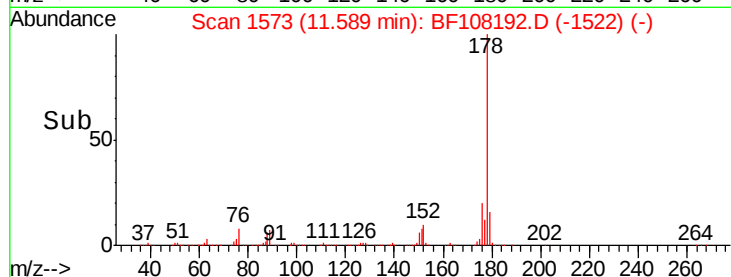
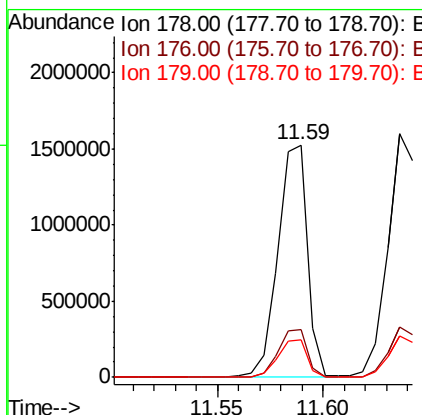
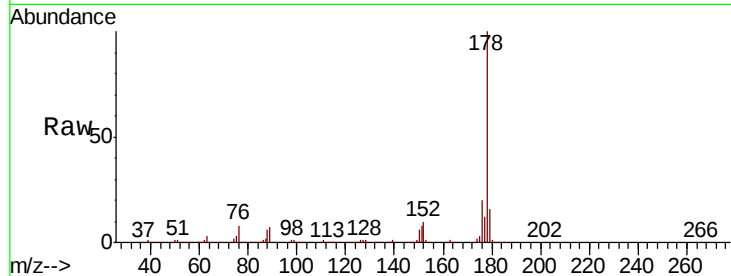




#70
Phenanthrene
Concen: 41.473 ng
RT: 11.59 min Scan# 1573
Delta R.T. 0.00 min
Lab File: BF108192.D
Acq: 16 Aug 2018 13:56

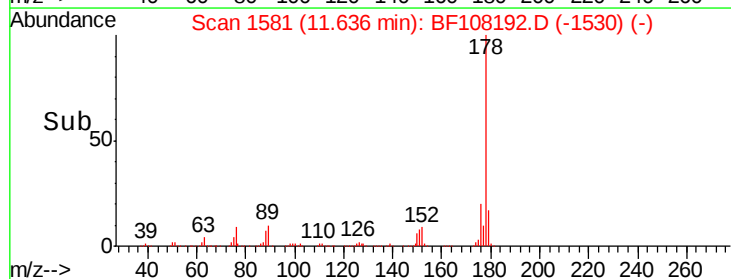
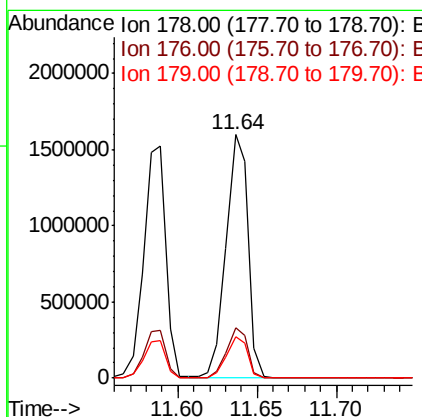
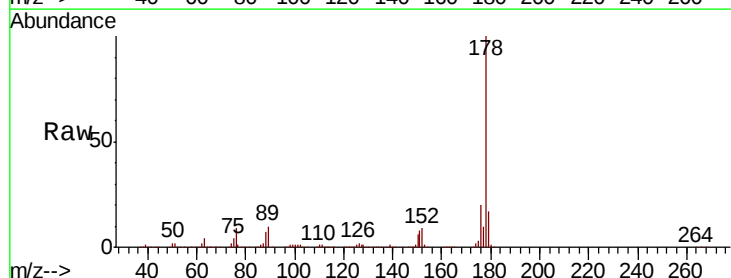
Instrument :
BNA_F
ClientSampleId :

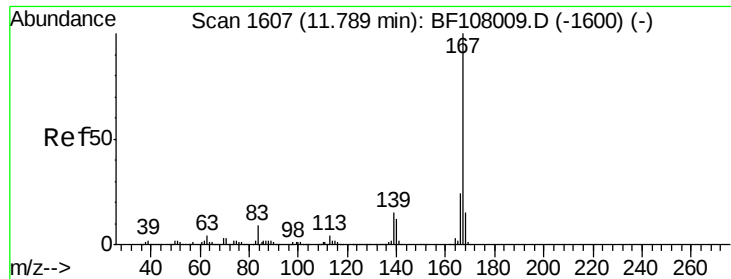
Tot Ion:178 Resp: 1495831
Ion Ratio Lower Upper
178 100
176 20.5 15.8 23.8
179 16.0 13.0 19.6



#71
Anthracene
Concen: 41.571 ng
RT: 11.64 min Scan# 1581
Delta R.T. 0.00 min
Lab File: BF108192.D
Acq: 16 Aug 2018 13:56

Tgt Ion:178 Resp: 1536744
Ion Ratio Lower Upper
178 100
176 20.5 15.4 23.2
179 16.9 12.6 19.0





#72

Carbazole

Concen: 41.539 ng

RT: 11.79 min Scan# 1607

Delta R.T. 0.00 min

Lab File: BF108192.D

Acq: 16 Aug 2018 13:56

Instrument :

BNA_F

ClientSampleId :

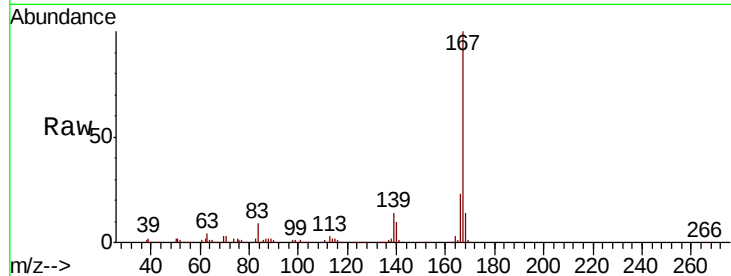
Tot Ion:167 Resp: 1364288

Ion Ratio Lower Upper

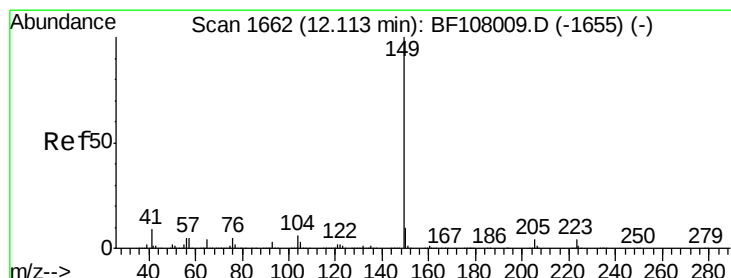
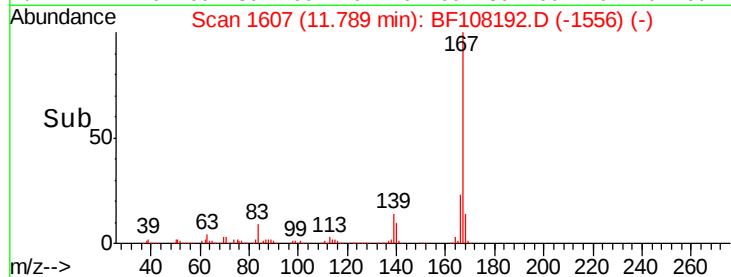
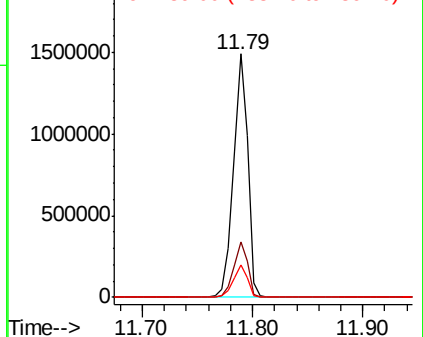
167 100

166 22.9 17.6 26.4

139 13.5 10.9 16.3



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 43.238 ng

RT: 12.11 min Scan# 1661

Delta R.T. -0.01 min

Lab File: BF108192.D

Acq: 16 Aug 2018 13:56

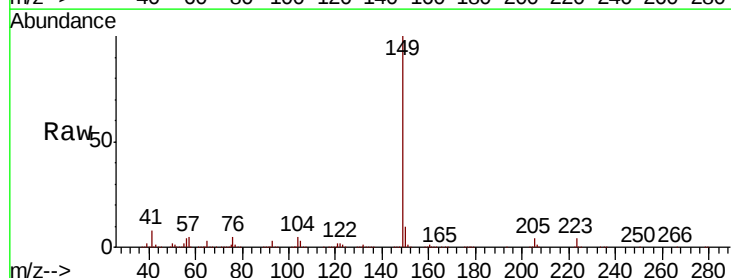
Tgt Ion:149 Resp: 1608530

Ion Ratio Lower Upper

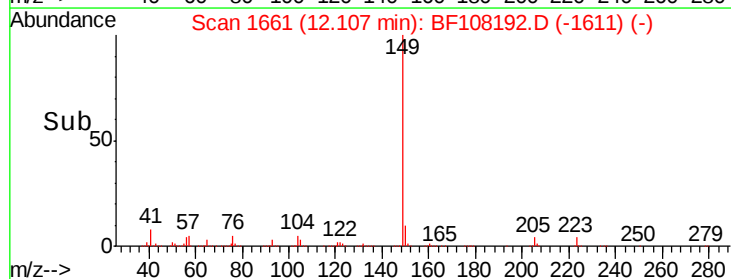
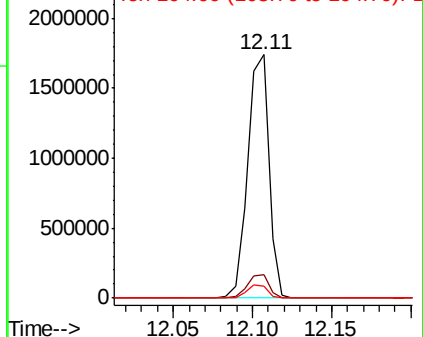
149 100

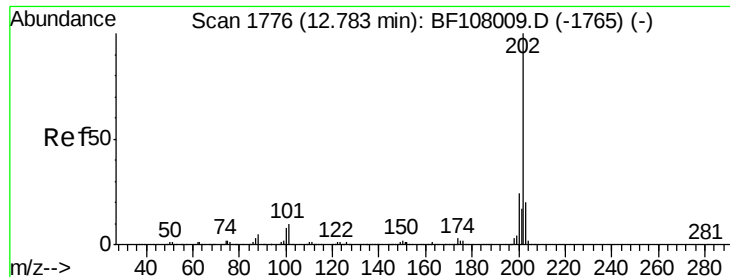
150 9.7 7.8 11.6

104 5.1 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: 41.992 ng

RT: 12.78 min Scan# 1775

Delta R.T. -0.01 min

Lab File: BF108192.D

Acq: 16 Aug 2018 13:56

Instrument :

BNA_F

ClientSampleId :

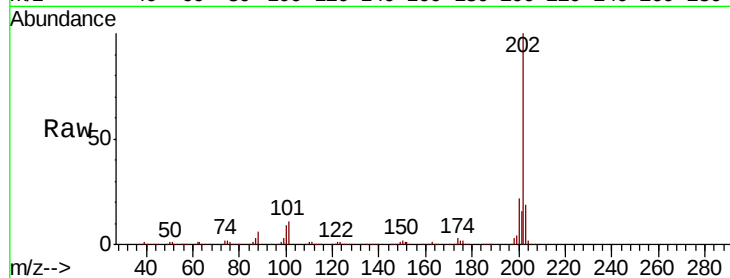
Tot Ion:202 Resp: 1652935

Ion Ratio Lower Upper

202 100

101 11.5 0.0 34.1

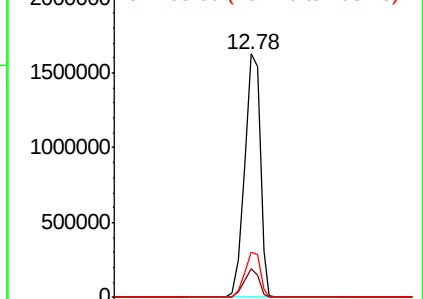
203 18.7 0.0 38.1



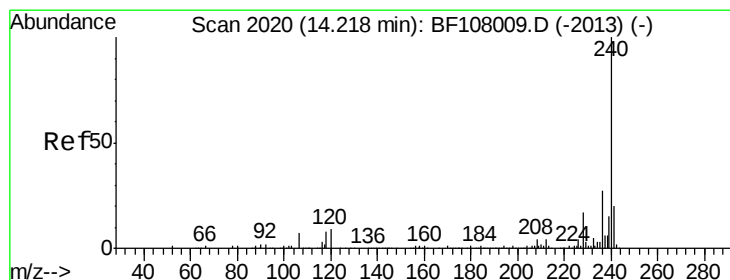
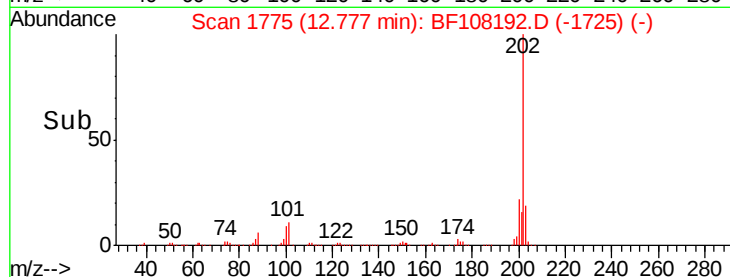
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.22 min Scan# 2020

Delta R.T. 0.00 min

Lab File: BF108192.D

Acq: 16 Aug 2018 13:56

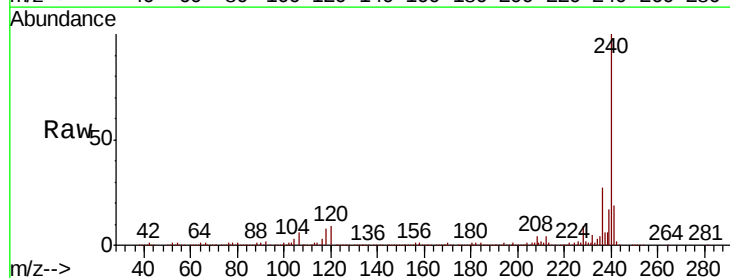
Tgt Ion:240 Resp: 626583

Ion Ratio Lower Upper

240 100

120 8.7 9.5 14.3#

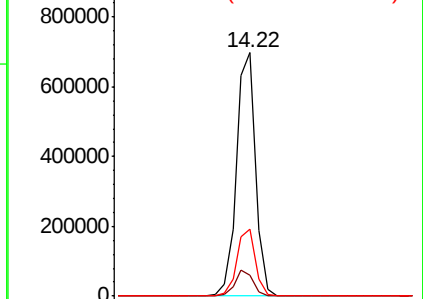
236 27.4 20.7 31.1



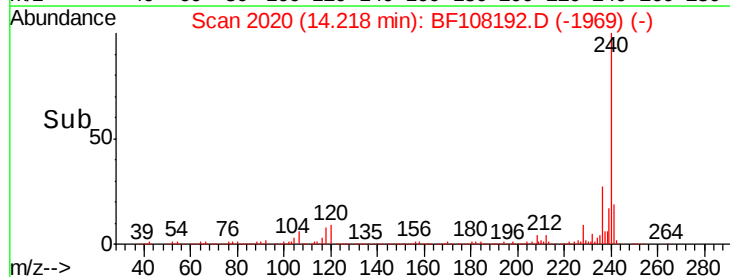
Abundance Ion 240.00 (239.70 to 240.70): E

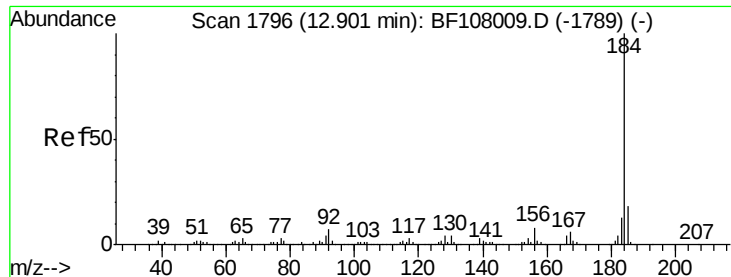
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->





#76

Benzidine

Concen: 36.097 ng

RT: 12.90 min Scan# 1795

Delta R.T. -0.01 min

Lab File: BF108192.D

Acq: 16 Aug 2018 13:56

Instrument :

BNA_F

ClientSampleId :

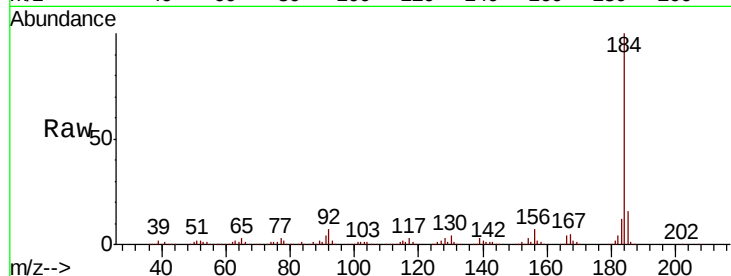
Tot Ion:184 Resp: 845065

Ion Ratio Lower Upper

184 100

185 15.5 12.6 18.8

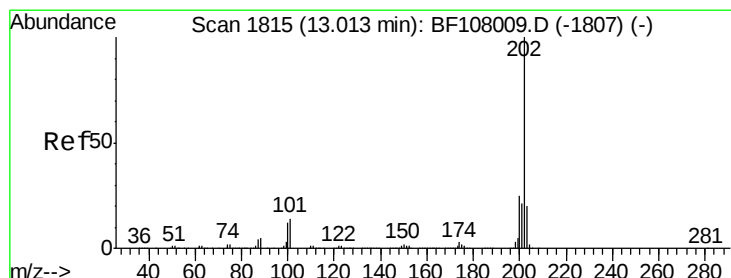
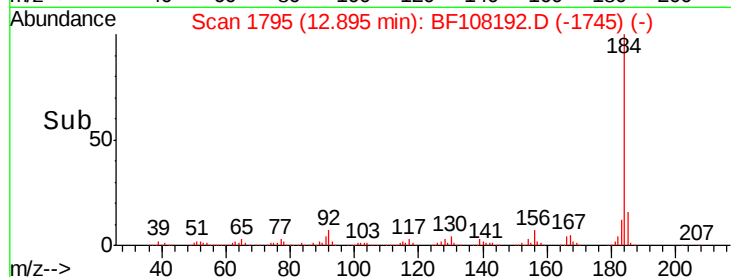
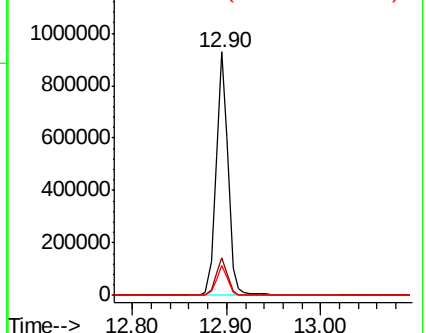
183 12.4 9.3 13.9



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: 41.427 ng

RT: 13.01 min Scan# 1815

Delta R.T. 0.00 min

Lab File: BF108192.D

Acq: 16 Aug 2018 13:56

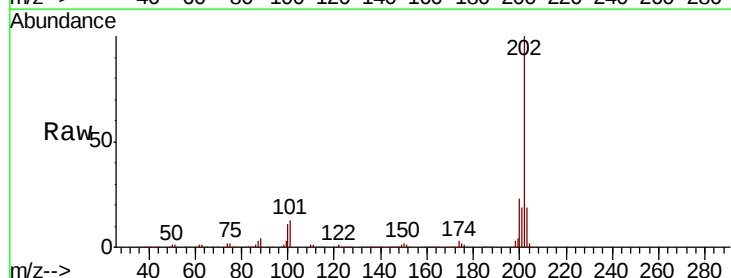
Tgt Ion:202 Resp: 1643392

Ion Ratio Lower Upper

202 100

200 23.4 17.4 26.2

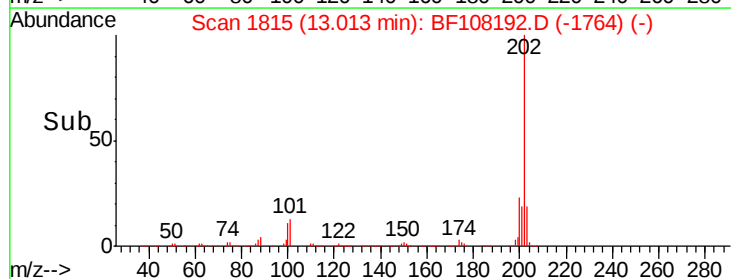
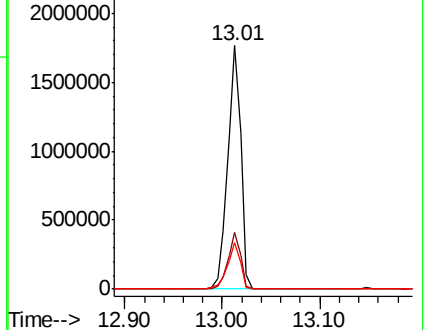
203 19.0 14.3 21.5

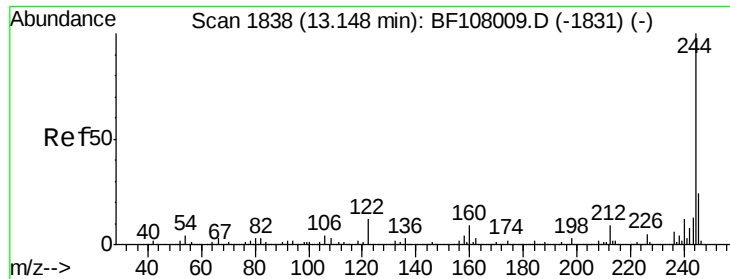


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 87.336 ng

RT: 13.15 min Scan# 1838

Delta R.T. 0.00 min

Lab File: BF108192.D

Acq: 16 Aug 2018 13:56

Instrument :

BNA_F

ClientSampled :

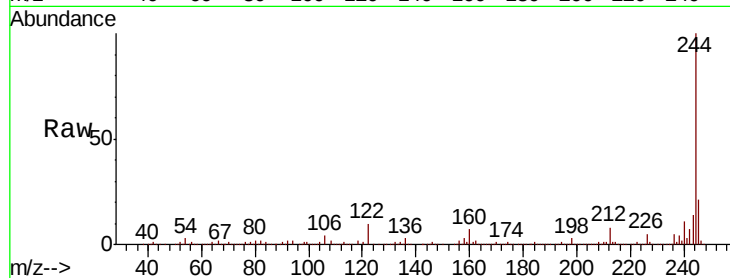
Tot Ion:244 Resp: 2152287

Ion Ratio Lower Upper

244 100

212 7.8 5.4 8.0

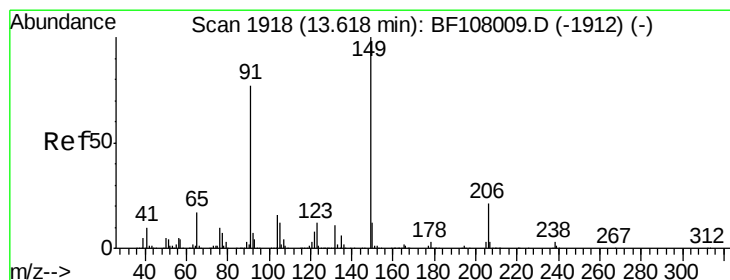
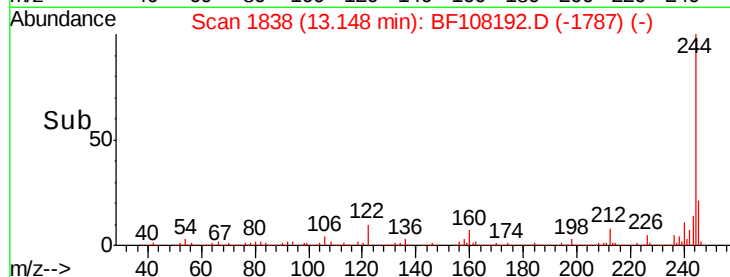
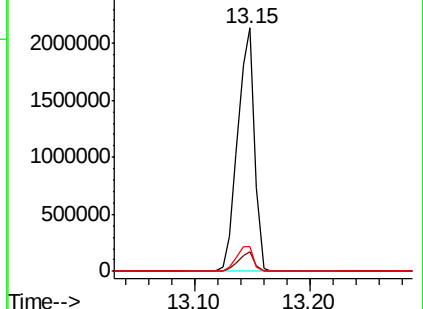
122 10.0 11.0 16.4#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 44.579 ng

RT: 13.61 min Scan# 1917

Delta R.T. -0.01 min

Lab File: BF108192.D

Acq: 16 Aug 2018 13:56

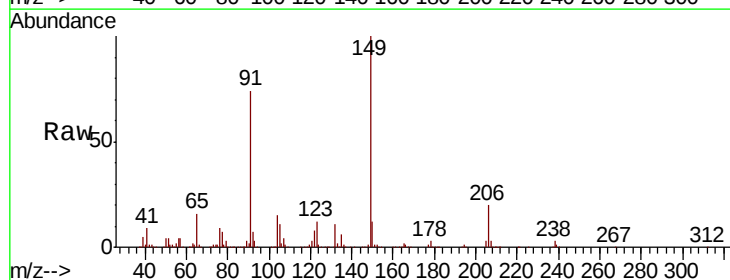
Tgt Ion:149 Resp: 702203

Ion Ratio Lower Upper

149 100

91 74.3 56.8 85.2

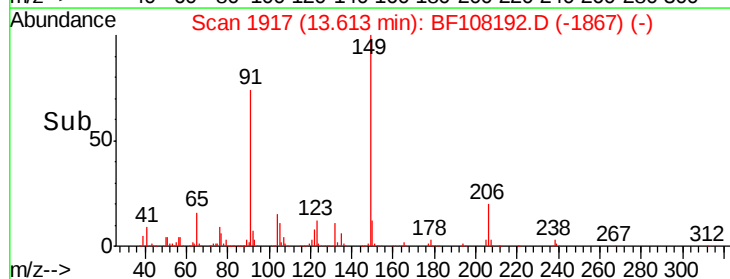
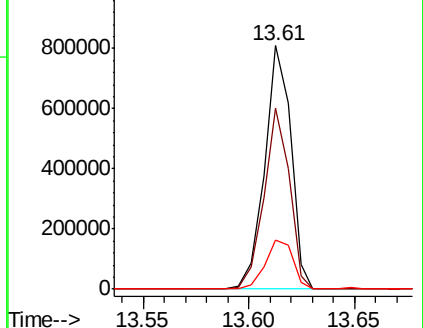
206 19.9 14.1 21.1

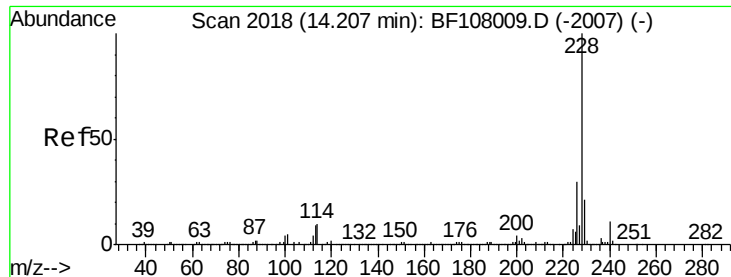


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

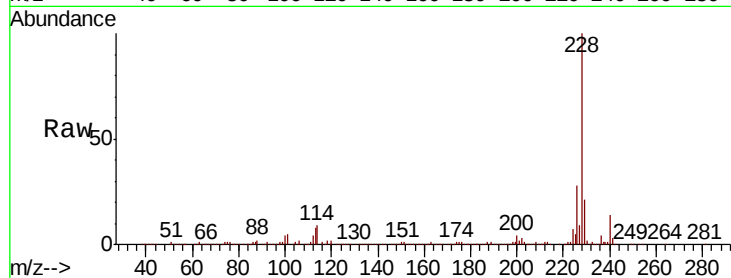




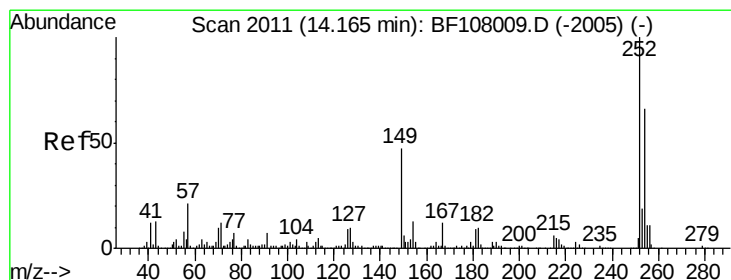
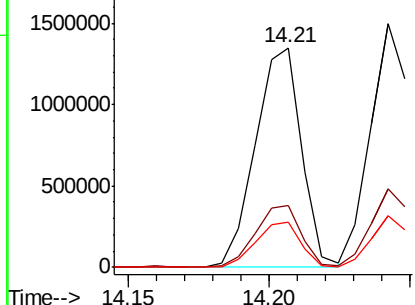
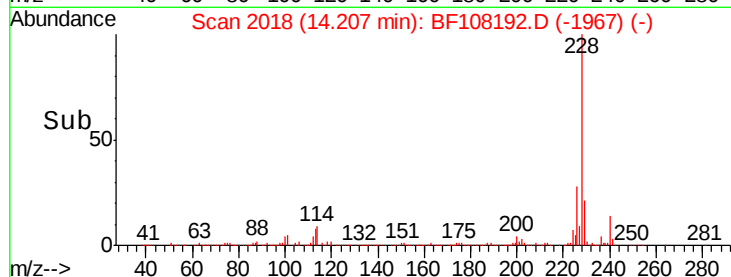
#80
Benzo(a)anthracene
Concen: 42.376 ng
RT: 14.21 min Scan# 2018
Delta R.T. 0.00 min
Lab File: BF108192.D
Acq: 16 Aug 2018 13:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:228 Resp: 1523832
Ion Ratio Lower Upper
228 100
226 28.2 22.6 33.8
229 20.6 15.8 23.6

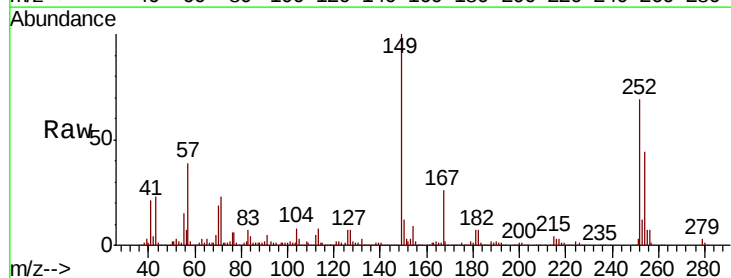


Abundance Ion 228.00 (227.70 to 228.70): E
2000000 Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

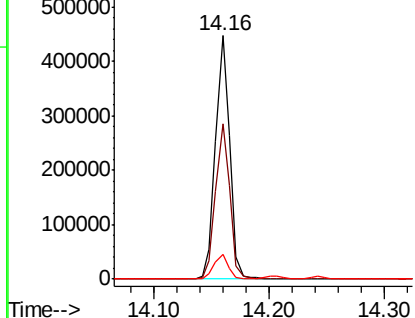
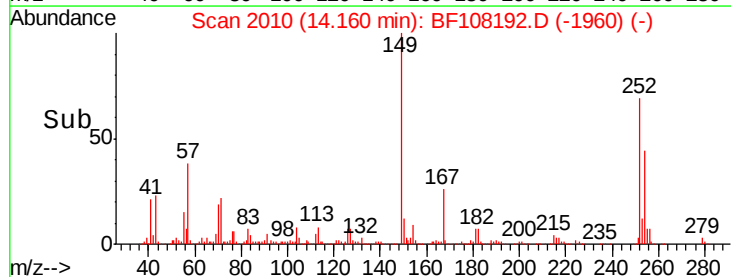


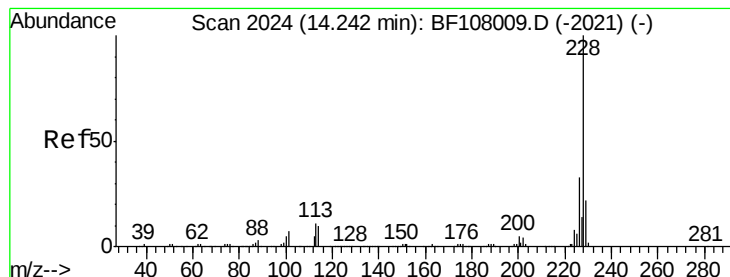
#81
3,3'-Dichlorobenzidine
Concen: 29.714 ng
RT: 14.16 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BF108192.D
Acq: 16 Aug 2018 13:56

Tgt Ion:252 Resp: 382923
Ion Ratio Lower Upper
252 100
254 63.7 50.4 75.6
126 10.2 11.3 16.9#



Abundance Ion 252.00 (251.70 to 252.70): E
600000 Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 42.417 ng

RT: 14.24 min Scan# 2024

Delta R.T. 0.00 min

Lab File: BF108192.D

Acq: 16 Aug 2018 13:56

Instrument :

BNA_F

ClientSampleId :

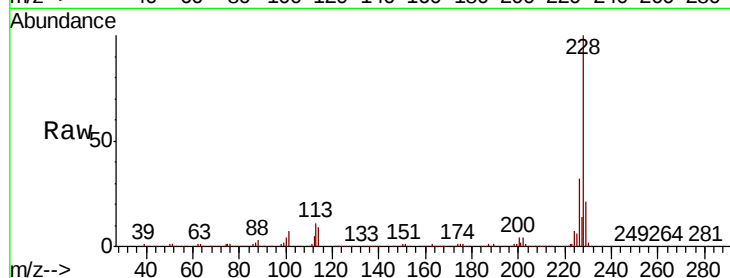
Tot Ion:228 Resp: 1398368

Ion Ratio Lower Upper

228 100

226 32.2 25.0 37.6

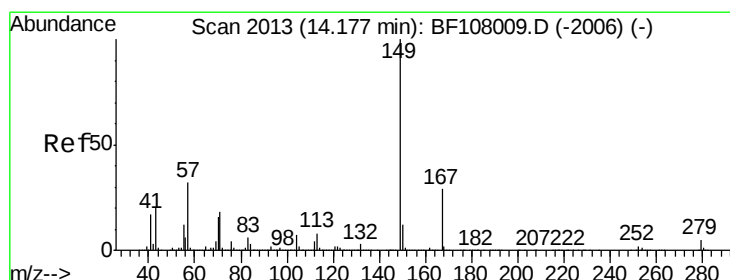
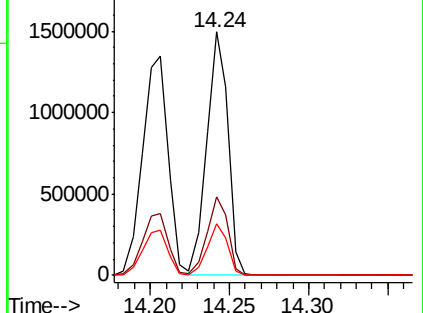
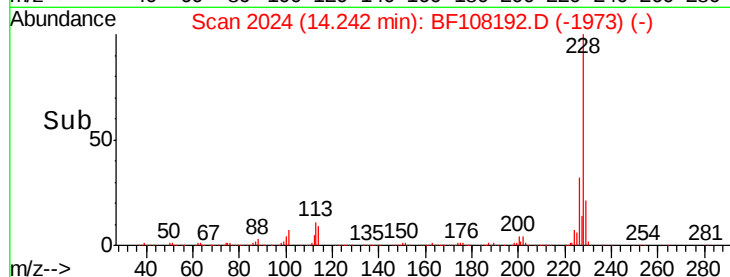
229 21.3 16.2 24.4



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: 42.892 ng

RT: 14.17 min Scan# 2011

Delta R.T. -0.01 min

Lab File: BF108192.D

Acq: 16 Aug 2018 13:56

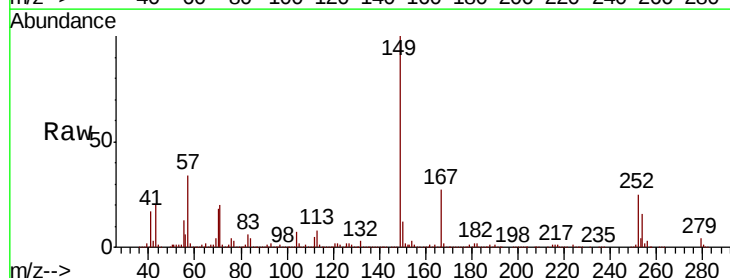
Tgt Ion:149 Resp: 914936

Ion Ratio Lower Upper

149 100

167 27.1 21.3 31.9

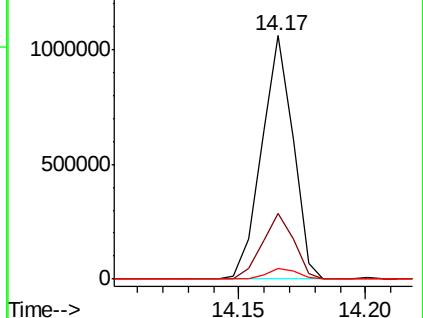
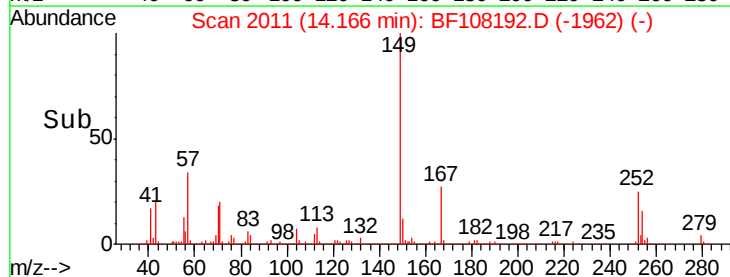
279 4.2 3.0 4.4

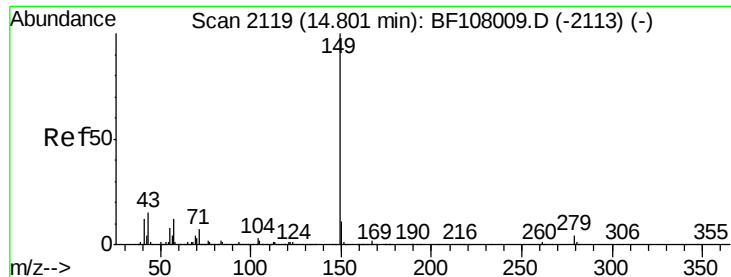


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 47.186 ng

RT: 14.79 min Scan# 2117

Delta R.T. -0.01 min

Lab File: BF108192.D

Acq: 16 Aug 2018 13:56

Instrument :

BNA_F

ClientSampleId :

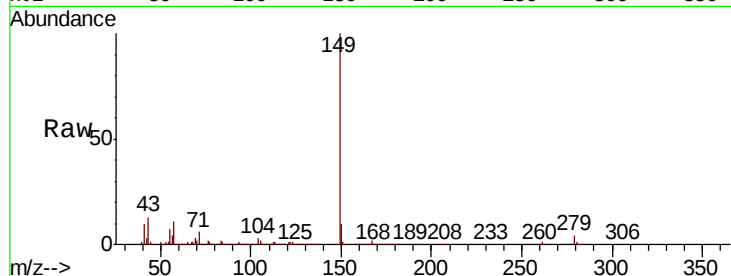
Tot Ion:149 Resp: 1535062

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

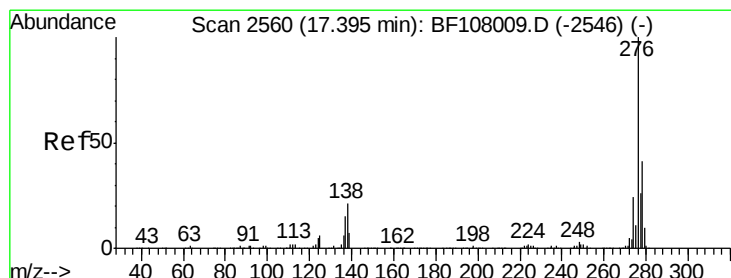
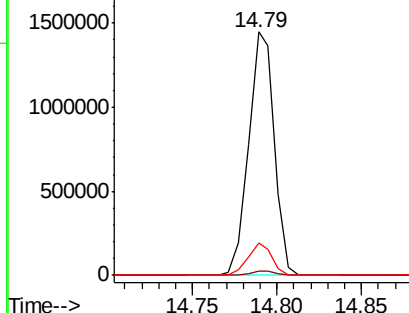
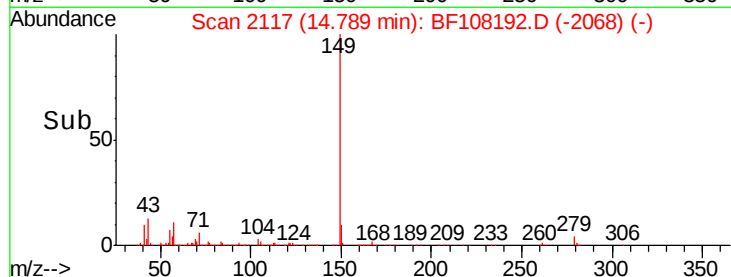
43 12.3 8.4 12.6



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: 36.730 ng

RT: 17.39 min Scan# 2560

Delta R.T. 0.00 min

Lab File: BF108192.D

Acq: 16 Aug 2018 13:56

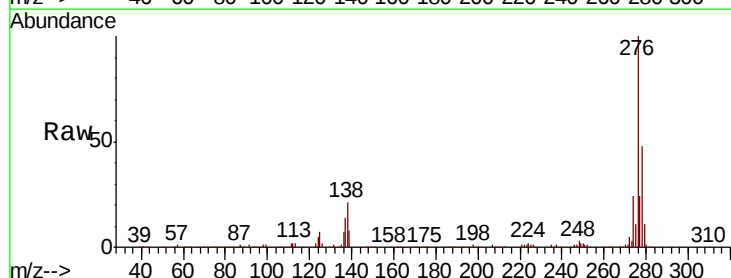
Tgt Ion:276 Resp: 1049180

Ion Ratio Lower Upper

276 100

138 22.4 25.0 37.6#

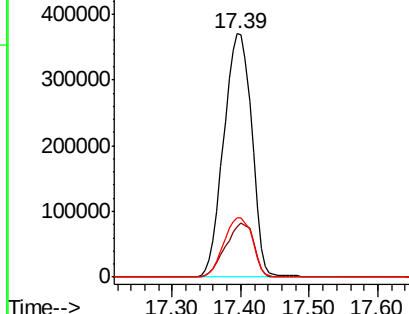
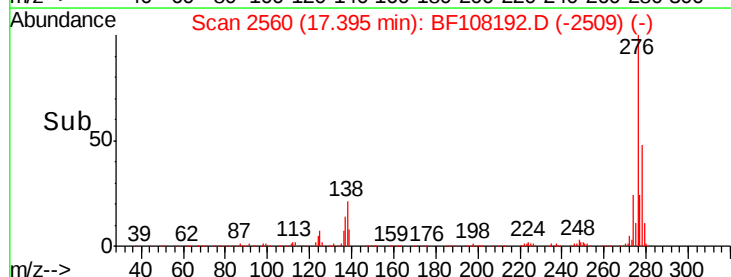
277 25.1 20.1 30.1

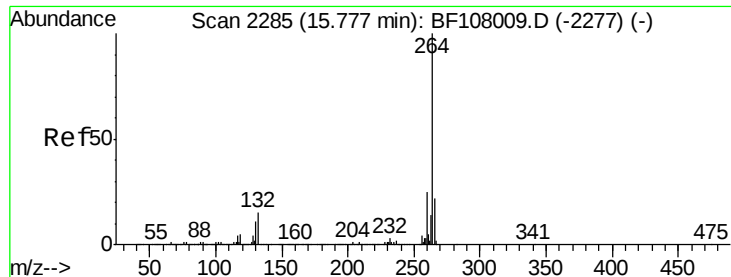


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

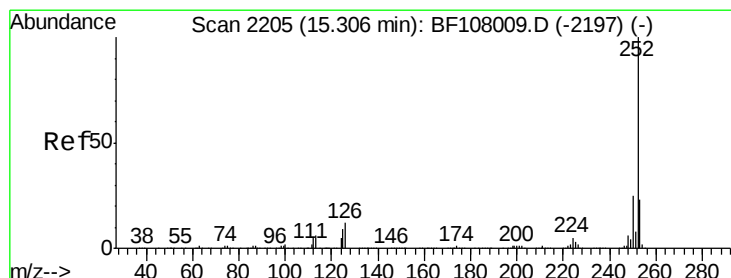
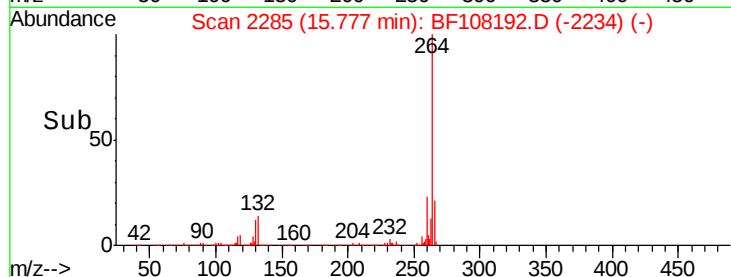
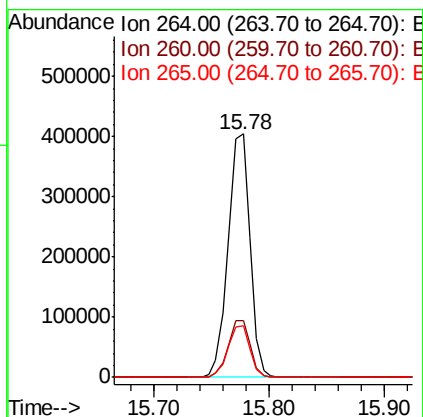
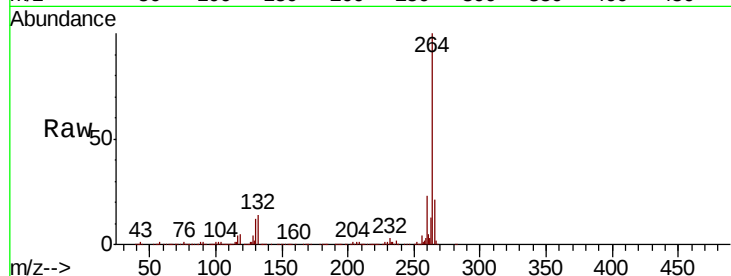




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.78 min Scan# 2285
Delta R.T. 0.00 min
Lab File: BF108192.D
Acq: 16 Aug 2018 13:56

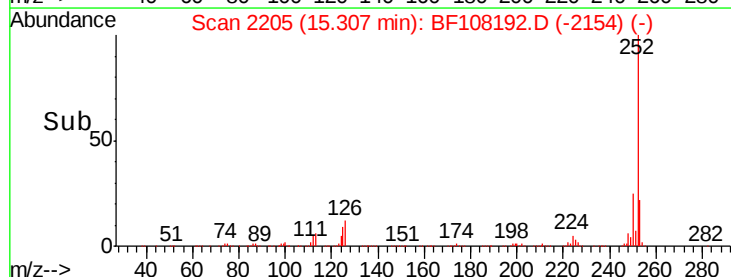
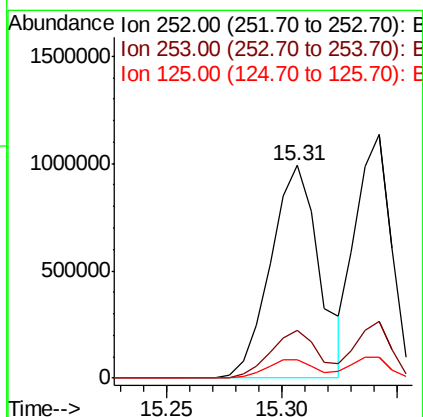
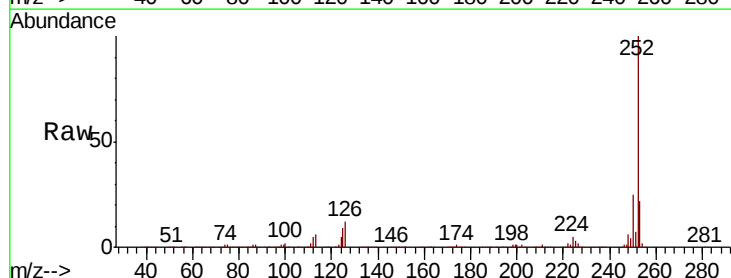
Instrument :
BNA_F
ClientSampled :

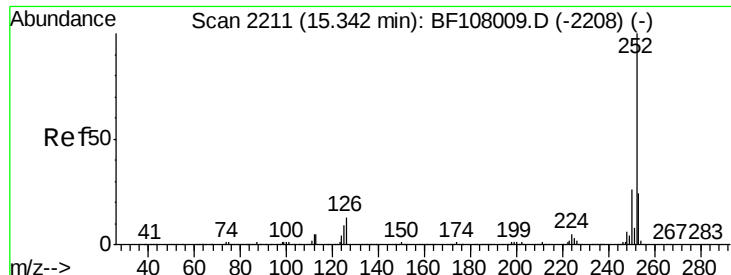
Tot Ion:264 Resp: 532839
Ion Ratio Lower Upper
264 100
260 23.5 19.2 28.8
265 21.2 17.5 26.3



#87
Benzo(b)fluoranthene
Concen: 45.477 ng
RT: 15.31 min Scan# 2205
Delta R.T. 0.00 min
Lab File: BF108192.D
Acq: 16 Aug 2018 13:56

Tgt Ion:252 Resp: 1447958
Ion Ratio Lower Upper
252 100
253 22.3 17.0 25.6
125 8.8 9.0 13.6#

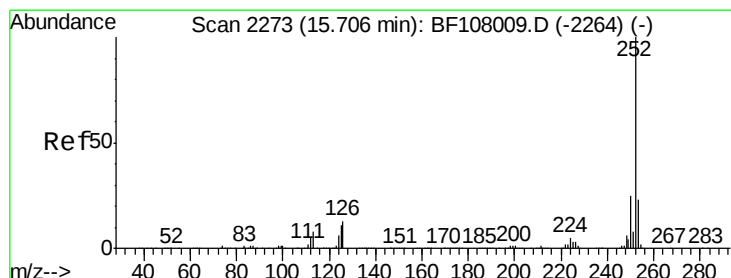
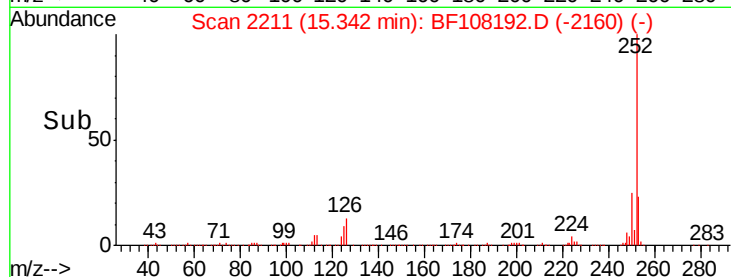
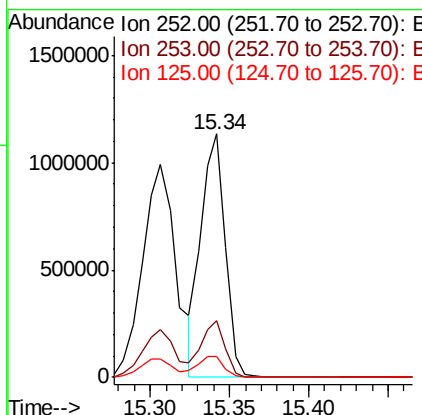
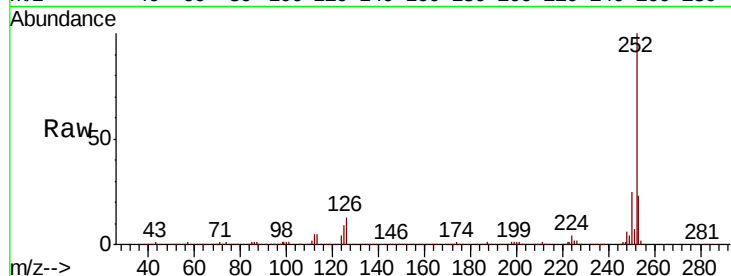




#88
Benzo(k)fluoranthene
Concen: 41.370 ng
RT: 15.34 min Scan# 2211
Delta R.T. 0.00 min
Lab File: BF108192.D
Acq: 16 Aug 2018 13:56

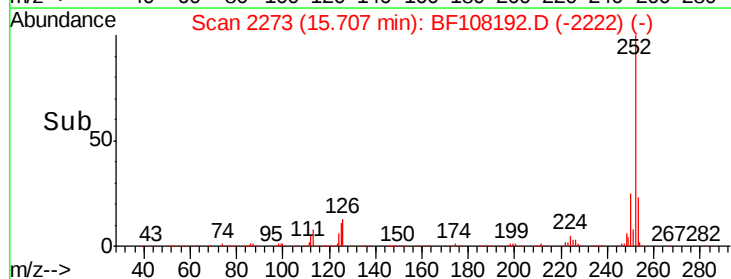
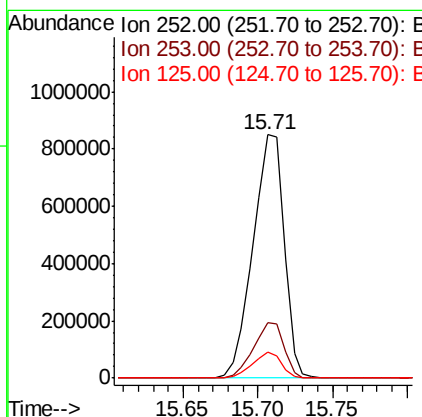
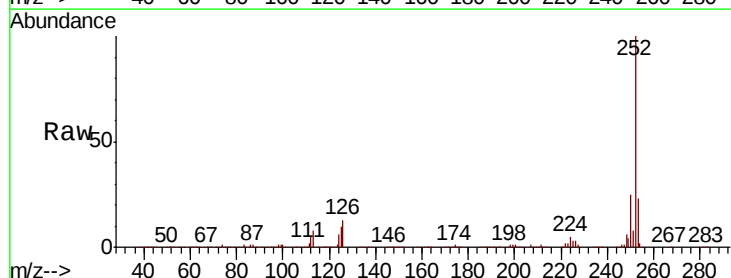
Instrument :
BNA_F
ClientSampled :

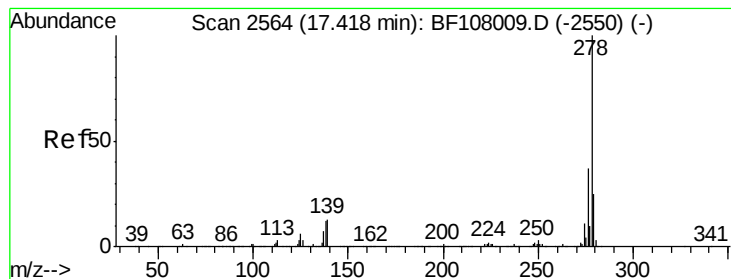
Tot Ion:252 Resp: 1210817
Ion Ratio Lower Upper
252 100
253 23.1 17.9 26.9
125 8.7 10.2 15.2#



#89
Benzo(a)pyrene
Concen: 42.957 ng
RT: 15.71 min Scan# 2273
Delta R.T. 0.00 min
Lab File: BF108192.D
Acq: 16 Aug 2018 13:56

Tgt Ion:252 Resp: 1224746
Ion Ratio Lower Upper
252 100
253 22.8 17.1 25.7
125 10.5 9.8 14.6





#90

Dibenzo(a,h)anthracene

Concen: 37.089 ng

RT: 17.41 min Scan# 2563

Delta R.T. -0.01 min

Lab File: BF108192.D

Acq: 16 Aug 2018 13:56

Instrument :

BNA_F

ClientSampleId :

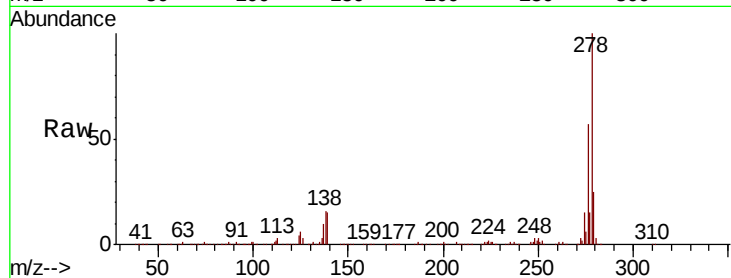
Tot Ion:278 Resp: 874940

Ion Ratio Lower Upper

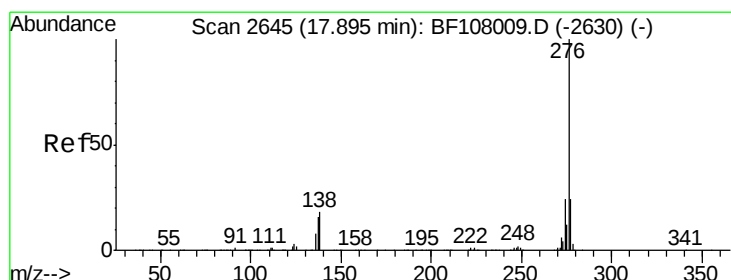
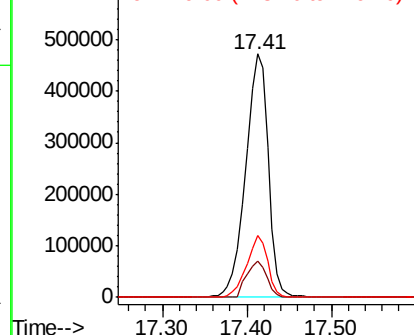
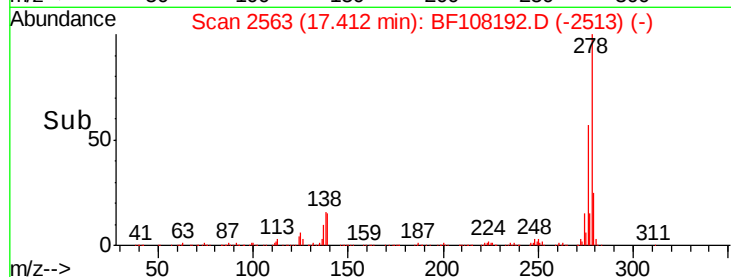
278 100

139 14.7 15.9 23.9#

279 25.2 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: 35.978 ng

RT: 17.89 min Scan# 2645

Delta R.T. 0.00 min

Lab File: BF108192.D

Acq: 16 Aug 2018 13:56

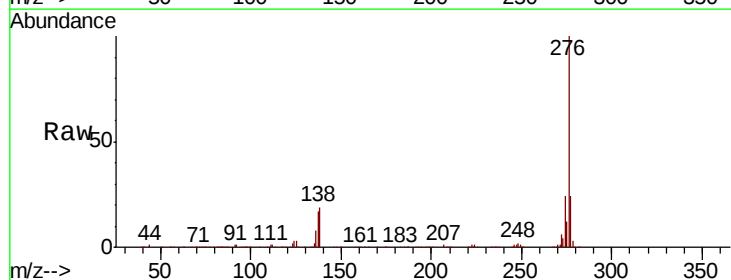
Tgt Ion:276 Resp: 835736

Ion Ratio Lower Upper

276 100

277 23.5 17.9 26.9

138 19.5 21.8 32.8#



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

