

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082418\
 Data File : BF108461.D
 Acq On : 24 Aug 2018 14:10
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 24 14:47:48 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 22 11:01:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	128356	20.00	ng	0.00
21) Naphthalene-d8	8.29	136	505356	20.00	ng	0.00
38) Acenaphthene-d10	10.05	164	258838	20.00	ng	0.00
63) Phenanthrene-d10	11.54	188	515034	20.00	ng	0.00
75) Chrysene-d12	14.20	240	378984	20.00	ng	0.00
86) Perylene-d12	15.75	264	286516	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	587685	82.89	ng	0.00
7) Phenol-d6	6.62	99	770463	81.78	ng	0.00
23) Nitrobenzene-d5	7.57	82	749524	82.76	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	238898	92.53	ng	0.00
44) 2-Fluorobiphenyl	9.36	172	1422616	88.24	ng	0.00
78) Terphenyl-d14	13.13	244	1420337	95.29	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.89	88	137557	37.760	ng	90
3) Pyridine	3.67	79	356336	37.972	ng	87
4) n-Nitrosodimethylamine	3.64	42	188640	35.724	ng	82
6) Aniline	6.67	93	520444	40.612	ng	96
8) 2-Chlorophenol	6.79	128	332379	41.626	ng	98
9) Benzaldehyde	6.56	77	276165	37.808	ng	98
10) Phenol	6.64	94	401942	41.245	ng	87
11) bis(2-Chloroethyl)ether	6.74	93	316940	40.228	ng	96
12) 1,3-Dichlorobenzene	6.94	146	381533	41.324	ng	98
13) 1,4-Dichlorobenzene	7.02	146	381099	41.083	ng	98
14) 1,2-Dichlorobenzene	7.17	146	355190	41.165	ng	99
15) Benzyl Alcohol	7.14	79	304279	38.365	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.27	45	607144	37.408	ng	99
17) 2-Methylphenol	7.25	107	287636	42.006	ng	95
18) Hexachloroethane	7.51	117	139118	42.125	ng	96
19) n-Nitroso-di-n-propylamine	7.41	70	249242	39.121	ng	89
20) 3+4-Methylphenols	7.40	107	354961	40.452	ng	# 83
22) Acetophenone	7.41	105	474045	40.117	ng	# 95
24) Nitrobenzene	7.59	77	370443	40.451	ng	99
25) Isophorone	7.82	82	679872	39.386	ng	96
26) 2-Nitrophenol	7.90	139	165627	47.891	ng	91
27) 2,4-Dimethylphenol	7.93	122	309807	40.438	ng	97
28) bis(2-Chloroethoxy)methane	8.02	93	406303	40.320	ng	99
29) 2,4-Dichlorophenol	8.14	162	293688	41.656	ng	97
30) 1,2,4-Trichlorobenzene	8.22	180	322321	41.465	ng	97
31) Naphthalene	8.31	128	960847	41.808	ng	99
32) Benzoic acid	8.05	122	110737	27.783	ng	92
33) 4-Chloroaniline	8.35	127	408140	40.750	ng	96
34) Hexachlorobutadiene	8.42	225	205887	41.839	ng	99
35) Caprolactam	8.74	113	88846	40.212	ng	# 84
36) 4-Chloro-3-methylphenol	8.83	107	312467	41.082	ng	97
37) 2-Methylnaphthalene	9.00	142	670636	41.244	ng	96
39) 1,2,4,5-Tetrachlorobenzene	9.17	216	340141	42.792	ng	98
40) Hexachlorocyclopentadiene	9.15	237	219712	42.795	ng	97

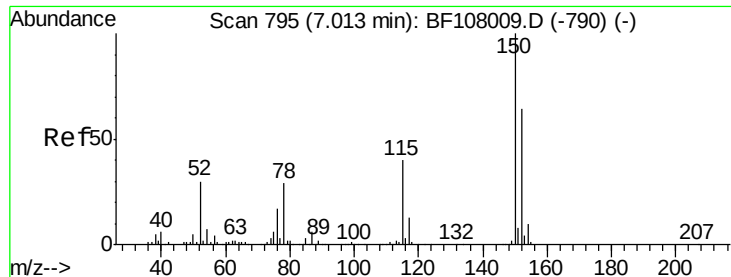
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082418\
 Data File : BF108461.D
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Instrument :
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.28	196	215622	43.714	nq	98
43) 2,4,5-Trichlorophenol	9.32	196	238573	43.937	nq #	94
45) 1,1'-Biphenyl	9.47	154	805316	42.198	nq	98
46) 2-Chloronaphthalene	9.50	162	630578	41.806	nq	98
47) 2-Nitroaniline	9.59	65	210197	43.070	nq	87
48) Acenaphthylene	9.91	152	1001110	41.983	nq	98
49) Dimethylphthalate	9.76	163	743032	41.210	nq #	99
50) 2,6-Dinitrotoluene	9.83	165	163179	43.257	nq	100
51) Acenaphthene	10.08	154	576827	39.494	nq	99
52) 3-Nitroaniline	10.00	138	173824	42.115	nq	93
53) 2,4-Dinitrophenol	10.11	184	56421	43.479	nq #	22
54) Dibenzofuran	10.25	168	889230	42.024	nq	96
55) 4-Nitrophenol	10.15	139	122031	39.044	nq #	82
56) 2,4-Dinitrotoluene	10.24	165	214832	44.244	nq #	99
57) Fluorene	10.60	166	707609	42.244	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.37	232	195655	43.111	nq #	86
59) Diethylphthalate	10.46	149	727003	41.640	nq	95
60) 4-Chlorophenyl-phenylether	10.58	204	362497	41.531	nq	96
61) 4-Nitroaniline	10.62	138	179082	43.886	nq	91
62) Azobenzene	10.75	77	733713	40.692	nq	93
64) 4,6-Dinitro-2-methylphenol	10.65	198	81755	42.919	nq	84
65) n-Nitrosodiphenylamine	10.71	169	627239	41.212	nq	97
66) 4-Bromophenyl-phenylether	11.08	248	237394	42.414	nq #	89
67) Hexachlorobenzene	11.15	284	246615	41.877	nq	90
68) Atrazine	11.23	200	218550	42.813	nq	97
69) Pentachlorophenol	11.34	266	107469	38.127	nq	98
70) Phenanthrene	11.57	178	1025278	42.206	nq	99
71) Anthracene	11.62	178	1058027	42.495	nq	99
72) Carbazole	11.78	167	925204	41.824	nq	99
73) Di-n-butylphthalate	12.09	149	1126547	44.961	nq	100
74) Fluoranthene	12.77	202	1114152	42.024	nq	96
76) Benzidine	12.88	184	655519	46.294	nq	99
77) Pyrene	12.99	202	1110885	46.299	nq	99
79) Butylbenzylphthalate	13.59	149	455799	47.840	nq	96
80) Benzo(a)anthracene	14.19	228	920111	42.304	nq	99
81) 3,3'-Dichlorobenzidine	14.14	252	323183	41.463	nq #	98
82) Chrysene	14.23	228	835891	41.920	nq	99
83) Bis(2-ethylhexyl)phthalate	14.15	149	586593	45.465	nq #	100
84) Di-n-octyl phthalate	14.77	149	903618	45.923	nq	97
85) Indeno(1,2,3-cd)pyrene	17.37	276	655313	37.929	nq #	90
87) Benzo(b)fluoranthene	15.28	252	716840	41.870	nq	97
88) Benzo(k)fluoranthene	15.32	252	666432	42.346	nq #	95
89) Benzo(a)pyrene	15.69	252	635362	41.443	nq #	96
90) Dibenzo(a,h)anthracene	17.38	278	548054	43.205	nq #	94
91) Benzo(g,h,i)perylene	17.87	276	549217	43.970	nq #	89

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

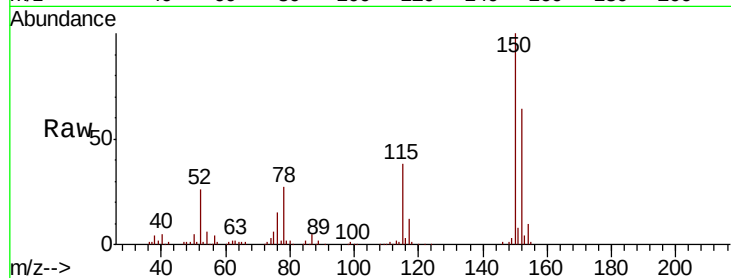


#1

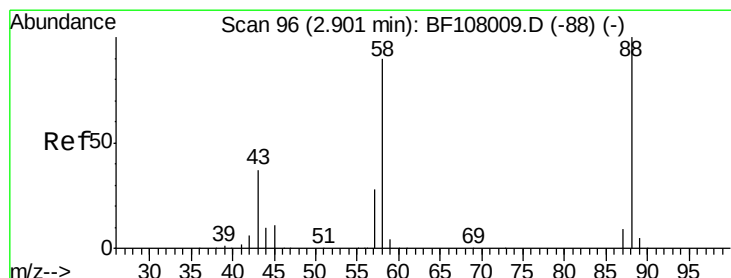
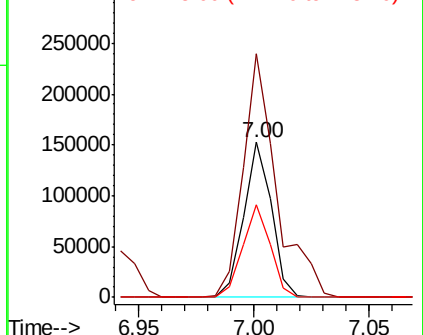
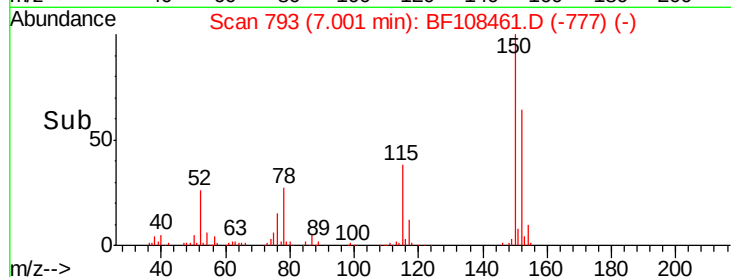
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108461.D
Acq: 24 Aug 2018 14:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.3	124.6	186.8
115	59.6	50.1	75.1



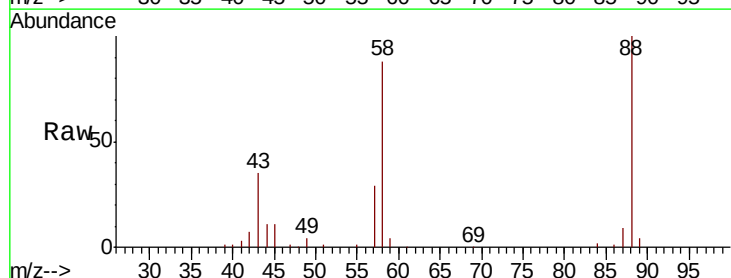
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



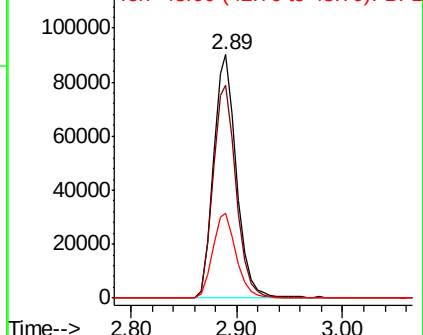
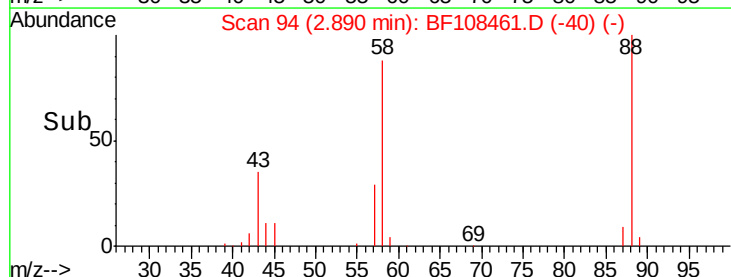
#2

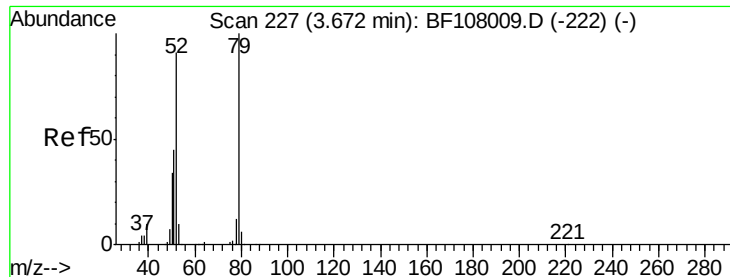
1,4-Dioxane
Concen: 37.760 ng
RT: 2.89 min Scan# 94
Delta R.T. 0.02 min
Lab File: BF108461.D
Acq: 24 Aug 2018 14:10

Tgt Ion	Ratio	Lower	Upper
88	100		
58	87.8	62.6	93.8
43	35.6	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: 37.972 ng

RT: 3.67 min Scan# 226

Delta R.T. 0.01 min

Lab File: BF108461.D

Acq: 24 Aug 2018 14:10

Instrument :

BNA_F

ClientSampled :

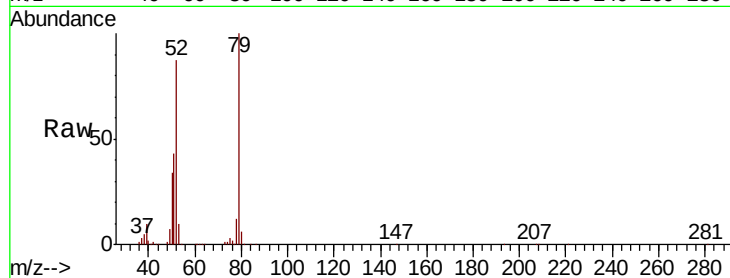
Tot Ion: 79 Resp: 356336

Ion Ratio Lower Upper

79 100

52 87.1 59.8 89.6

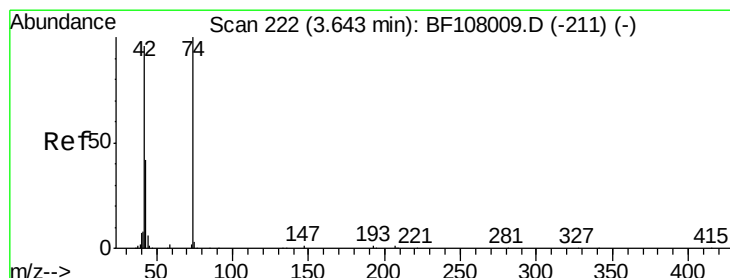
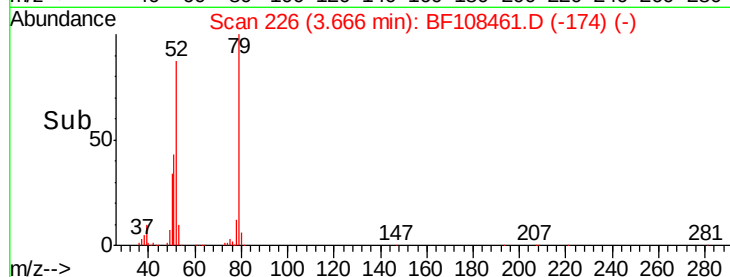
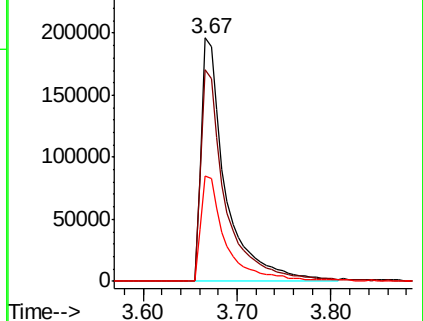
51 43.4 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 35.724 ng

RT: 3.64 min Scan# 221

Delta R.T. 0.01 min

Lab File: BF108461.D

Acq: 24 Aug 2018 14:10

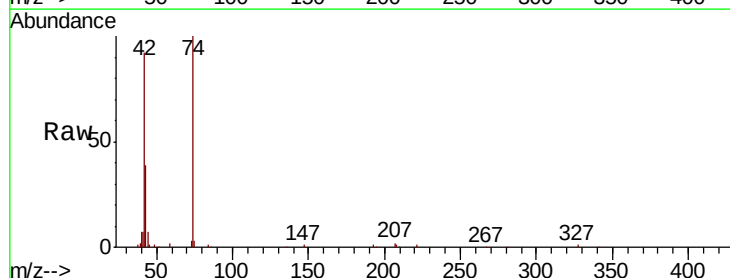
Tgt Ion: 42 Resp: 188640

Ion Ratio Lower Upper

42 100

74 108.9 104.9 157.3

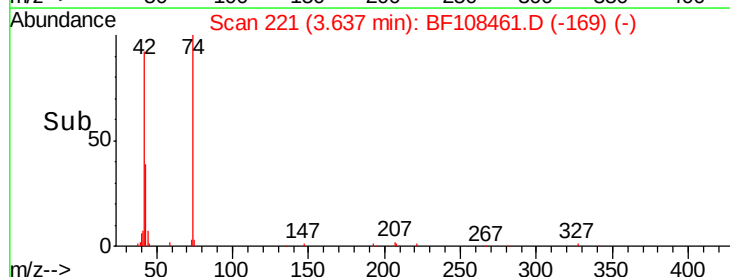
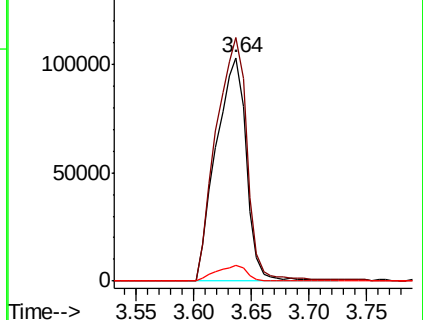
44 7.1 6.9 10.3

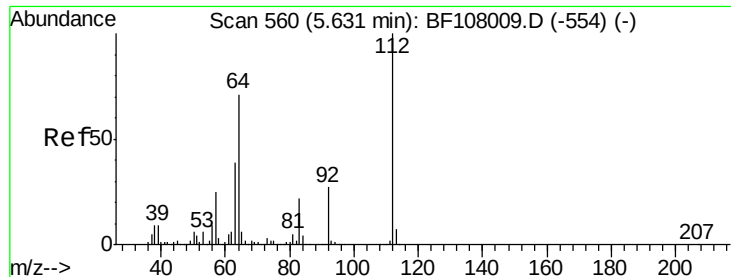


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 82.893 ng

RT: 5.62 min Scan# 559

Delta R.T. -0.01 min

Lab File: BF108461.D

Acq: 24 Aug 2018 14:10

Instrument :

BNA_F

ClientSampleId :

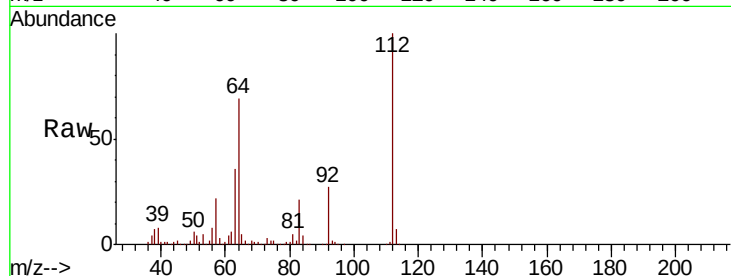
Tot Ion:112 Resp: 587685

Ion Ratio Lower Upper

112 100

64 69.1 47.9 71.9

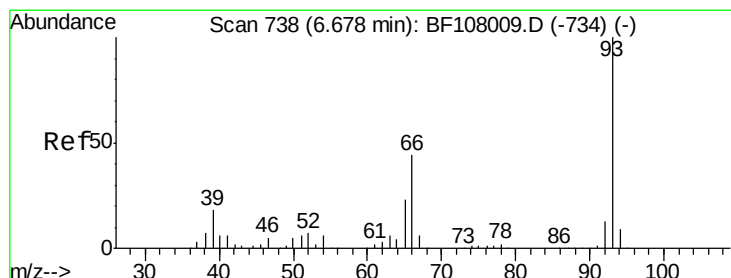
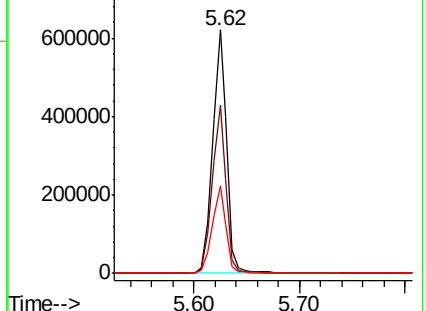
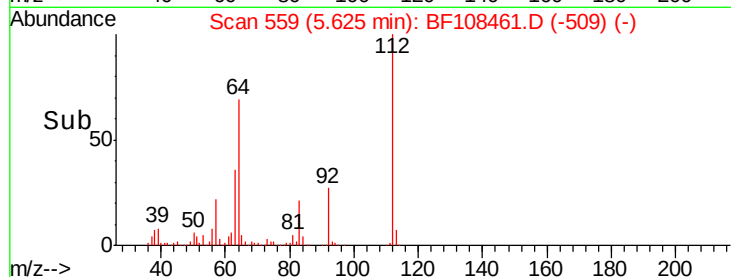
63 36.0 23.7 35.5#



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: 40.612 ng

RT: 6.67 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF108461.D

Acq: 24 Aug 2018 14:10

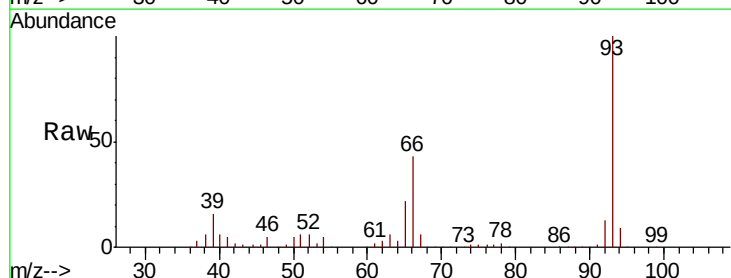
Tgt Ion: 93 Resp: 520444

Ion Ratio Lower Upper

93 100

66 42.5 32.2 48.2

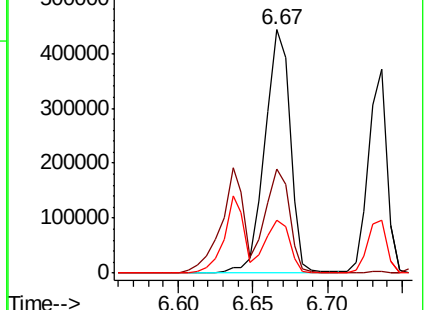
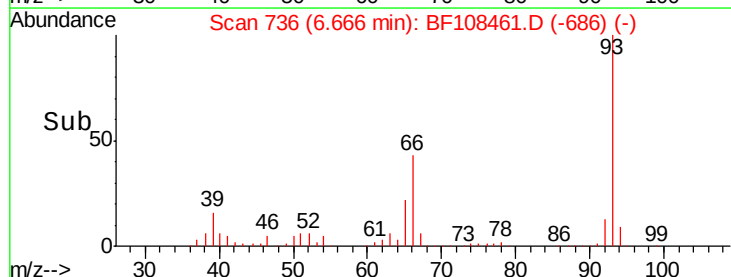
65 21.9 16.4 24.6

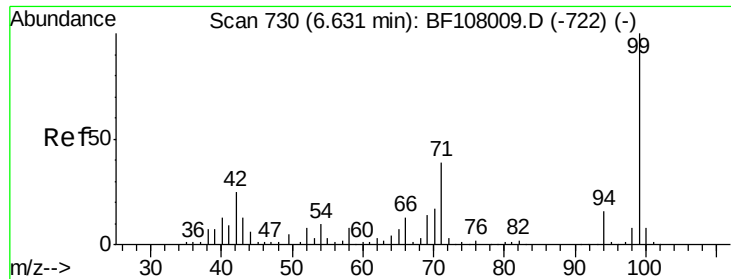


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 81.779 ng

RT: 6.62 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF108461.D

Acq: 24 Aug 2018 14:10

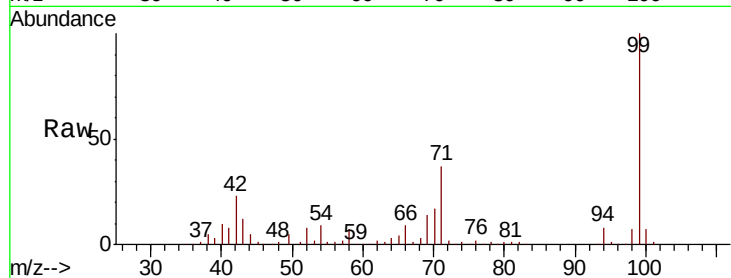
Instrument :

BNA_F

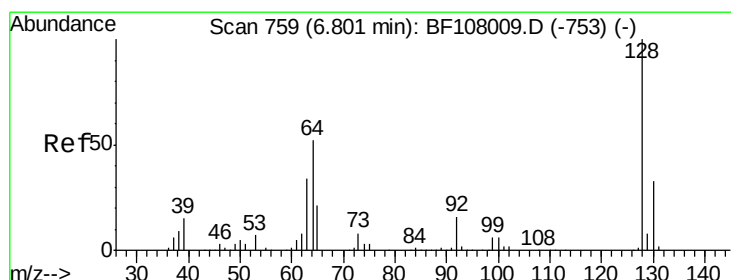
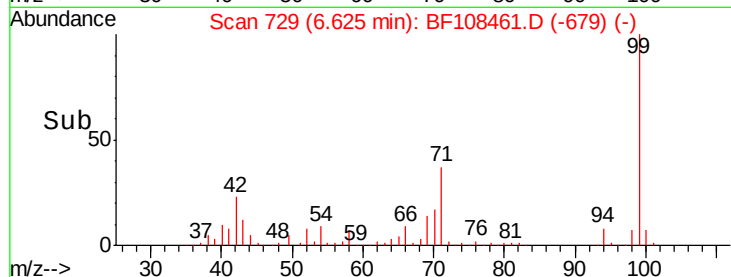
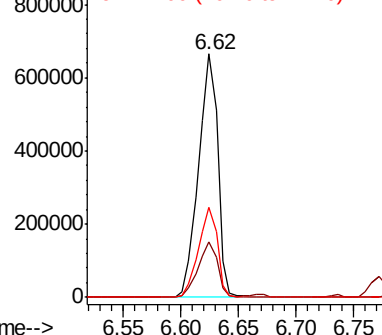
ClientSampleId :

Tot Ion: 99 Resp: 770463

Ion	Ratio	Lower	Upper
99	100		
42	22.9	14.5	21.7#
71	36.9	25.4	38.0



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



#8

2-Chlorophenol

Concen: 41.626 ng

RT: 6.79 min Scan# 757

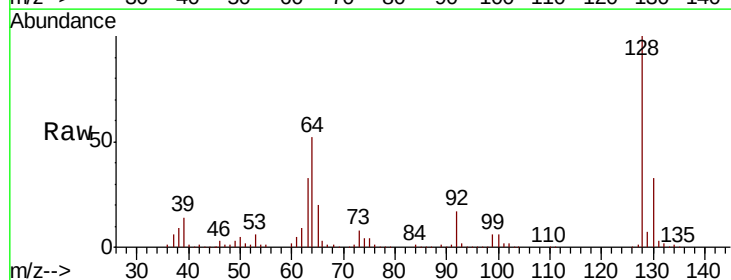
Delta R.T. -0.01 min

Lab File: BF108461.D

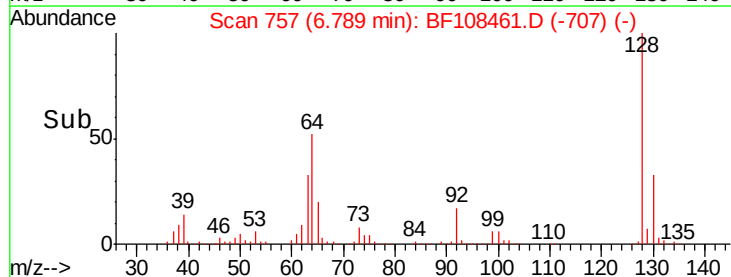
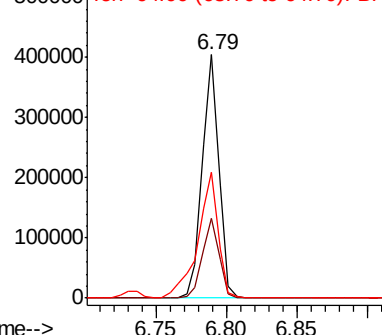
Acq: 24 Aug 2018 14:10

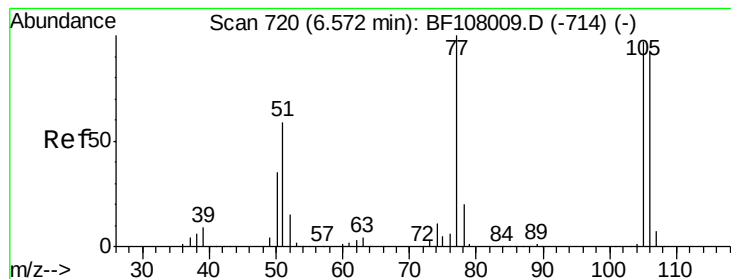
Tgt Ion: 128 Resp: 332379

Ion	Ratio	Lower	Upper
128	100		
130	32.9	13.0	53.0
64	51.6	29.4	69.4



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





#9

Benzaldehyde

Concen: 37.808 ng

RT: 6.56 min Scan# 718

Delta R.T. -0.00 min

Lab File: BF108461.D

Acq: 24 Aug 2018 14:10

Instrument :

BNA_F

ClientSampled :

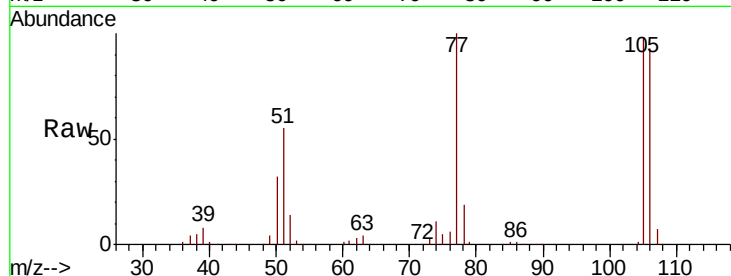
Tot Ion: 77 Resp: 276165

Ion Ratio Lower Upper

77 100

105 97.8 81.1 121.1

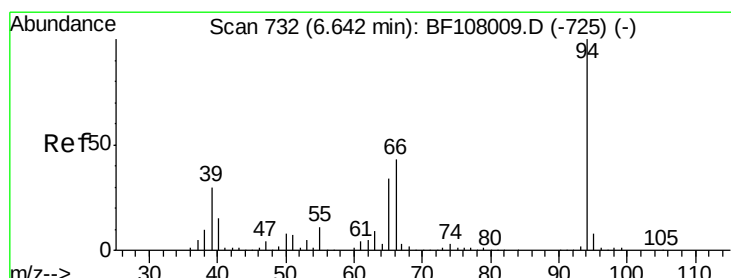
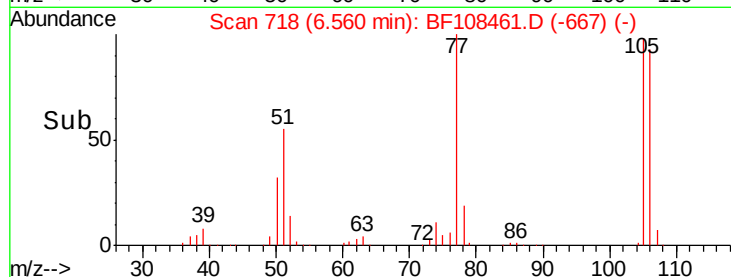
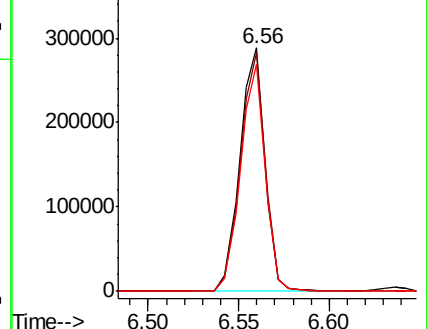
106 93.0 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 41.245 ng

RT: 6.64 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF108461.D

Acq: 24 Aug 2018 14:10

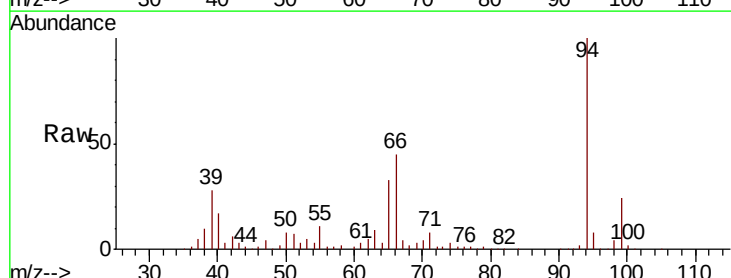
Tgt Ion: 94 Resp: 401942

Ion Ratio Lower Upper

94 100

65 33.3 7.9 47.9

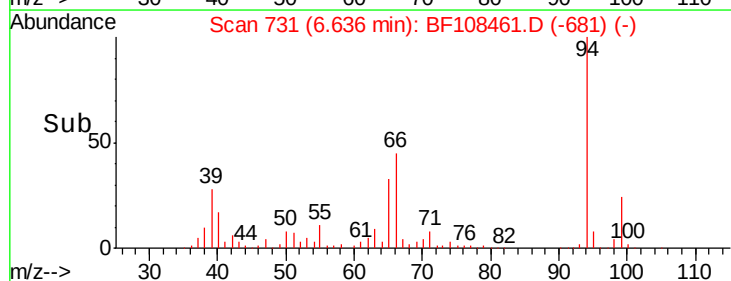
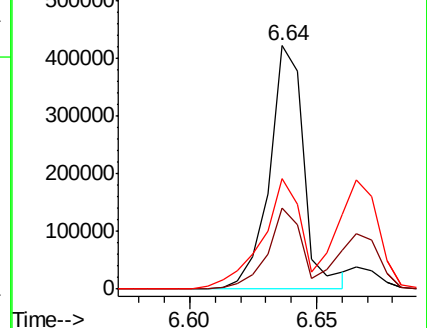
66 45.4 16.2 56.2

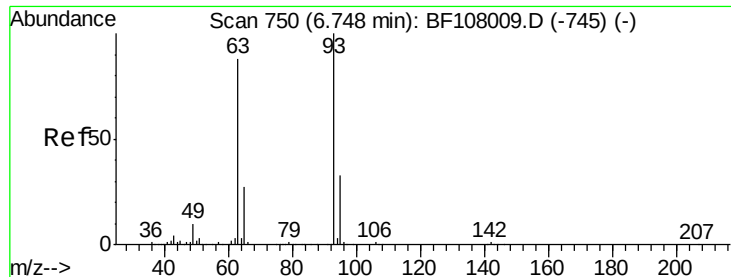


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 40.228 ng

RT: 6.74 min Scan# 748

Delta R.T. -0.00 min

Lab File: BF108461.D

Acq: 24 Aug 2018 14:10

Instrument :

BNA_F

ClientSampleId :

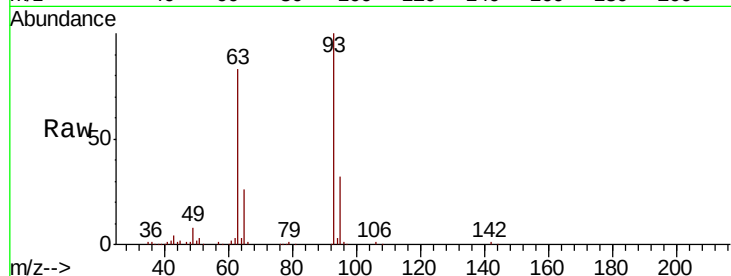
Tot Ion: 93 Resp: 316940

Ion Ratio Lower Upper

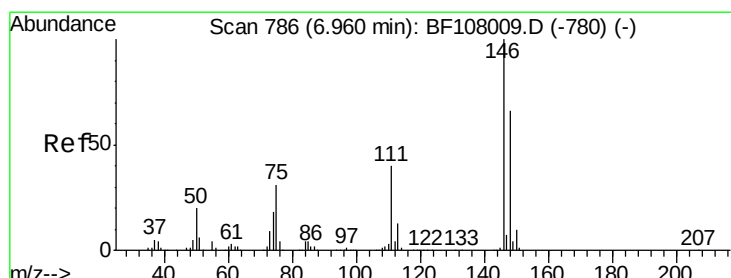
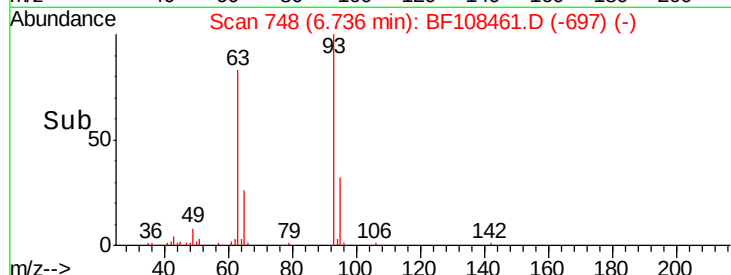
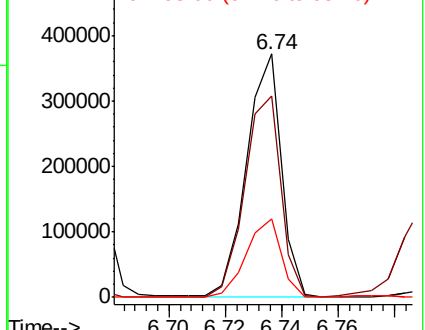
93 100

63 82.8 58.6 98.6

95 32.3 11.8 51.8



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



#12

1,3-Dichlorobenzene

Concen: 41.324 ng

RT: 6.94 min Scan# 783

Delta R.T. -0.01 min

Lab File: BF108461.D

Acq: 24 Aug 2018 14:10

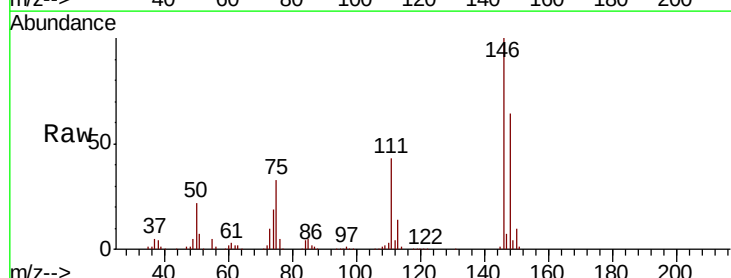
Tgt Ion: 146 Resp: 381533

Ion Ratio Lower Upper

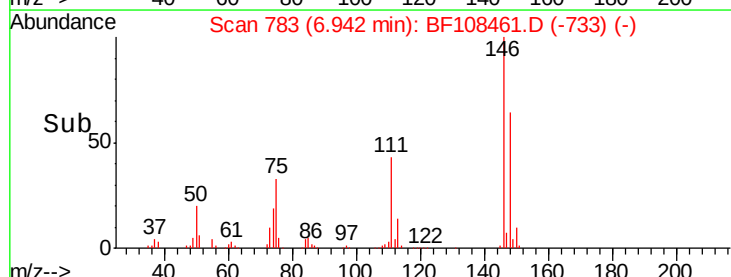
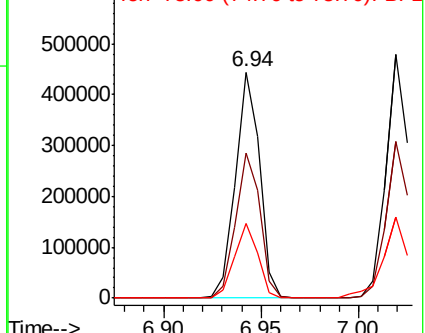
146 100

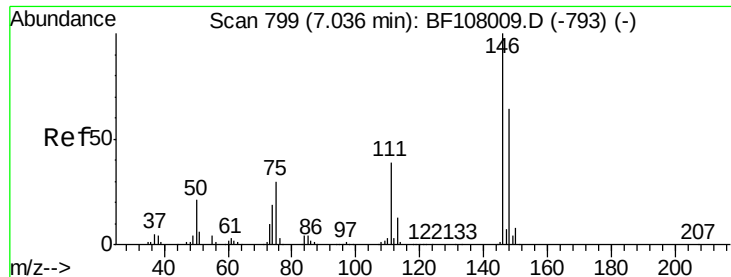
148 64.1 51.8 77.8

75 33.1 24.2 36.4



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

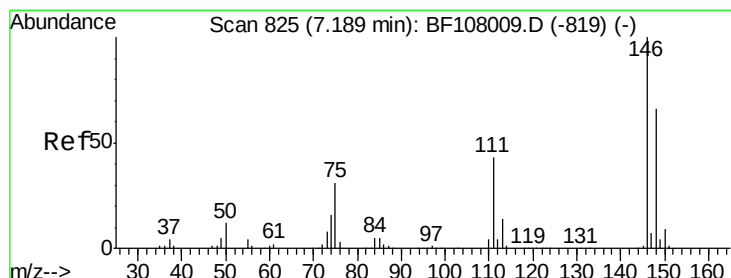
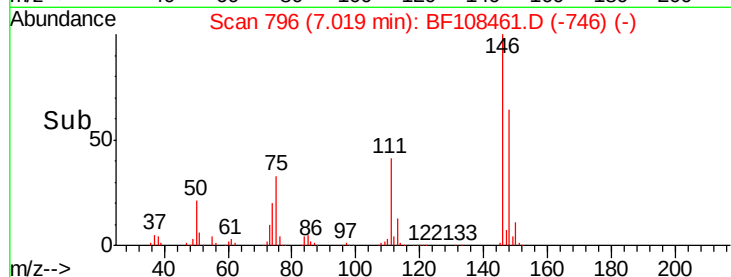
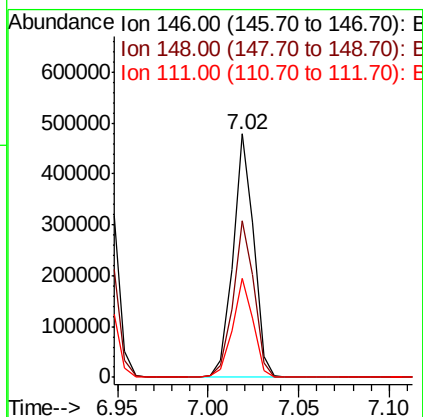
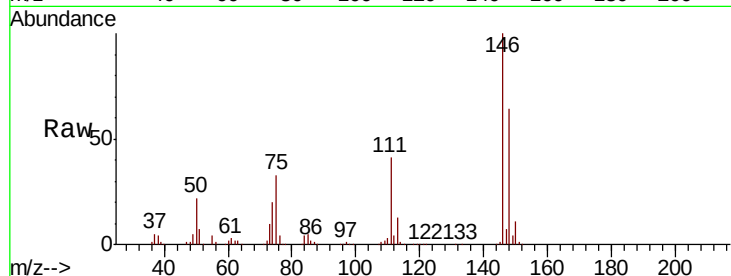




#13
 1,4-Dichlorobenzene
 Concen: 41.083 ng
 RT: 7.02 min Scan# 796
 Delta R.T. -0.01 min
 Lab File: BF108461.D
 Acq: 24 Aug 2018 14:10

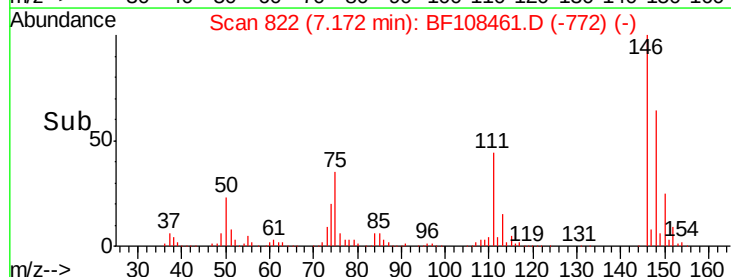
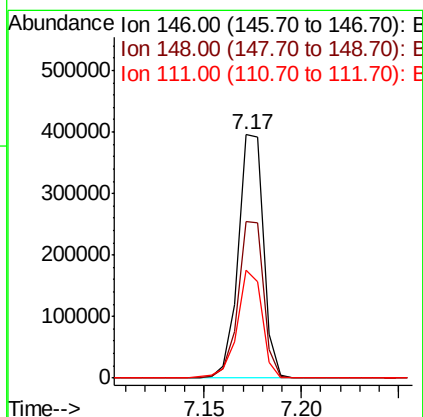
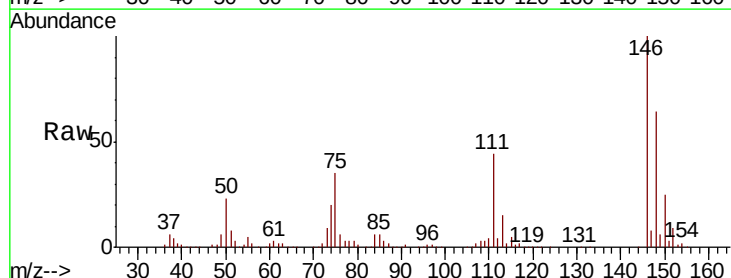
Instrument :
 BNA_F
 ClientSampleId :

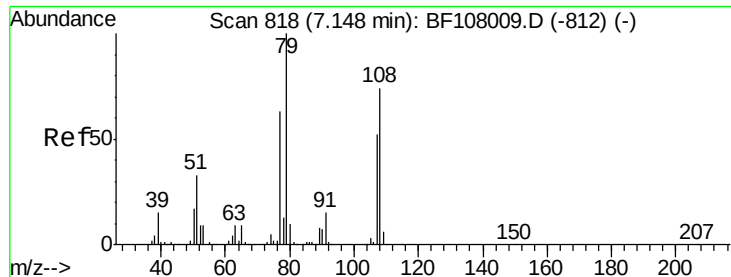
Tot Ion:146 Resp: 381099
 Ion Ratio Lower Upper
 146 100
 148 64.1 50.8 76.2
 111 40.6 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 41.165 ng
 RT: 7.17 min Scan# 822
 Delta R.T. -0.01 min
 Lab File: BF108461.D
 Acq: 24 Aug 2018 14:10

Tgt Ion:146 Resp: 355190
 Ion Ratio Lower Upper
 146 100
 148 64.2 50.6 75.8
 111 44.4 36.0 54.0





#15

Benzyl Alcohol

Concen: 38.365 ng

RT: 7.14 min Scan# 817

Delta R.T. -0.00 min

Lab File: BF108461.D

Acq: 24 Aug 2018 14:10

Instrument :

BNA_F

ClientSampleId :

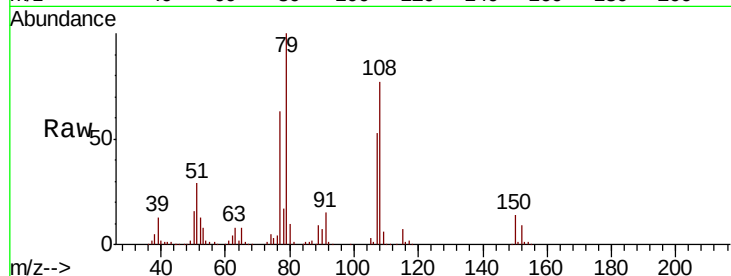
Tot Ion: 79 Resp: 304279

Ion Ratio Lower Upper

79 100

108 77.3 65.1 97.7

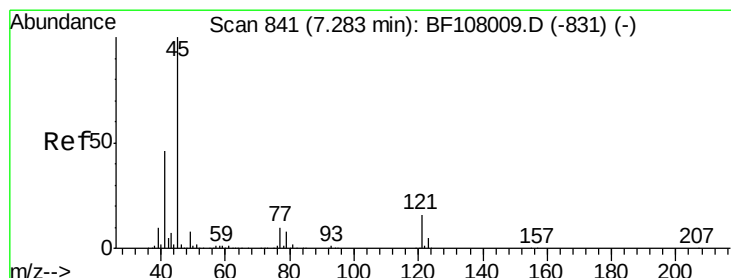
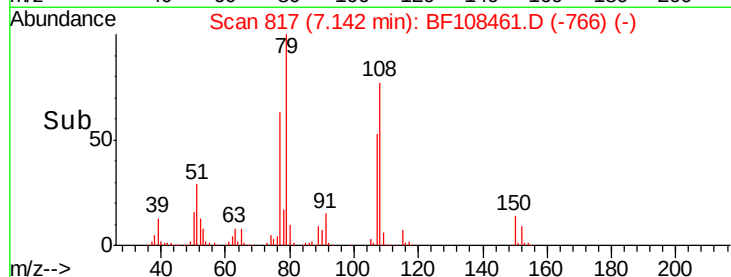
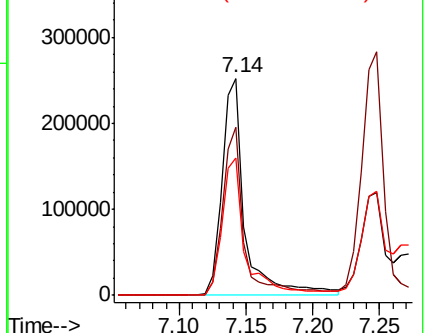
77 63.4 50.6 75.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.408 ng

RT: 7.27 min Scan# 838

Delta R.T. -0.01 min

Lab File: BF108461.D

Acq: 24 Aug 2018 14:10

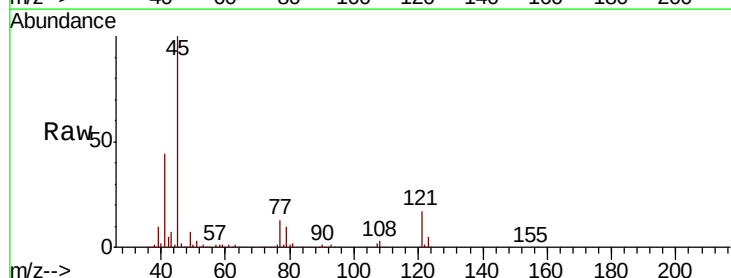
Tgt Ion: 45 Resp: 607144

Ion Ratio Lower Upper

45 100

77 12.7 0.0 32.9

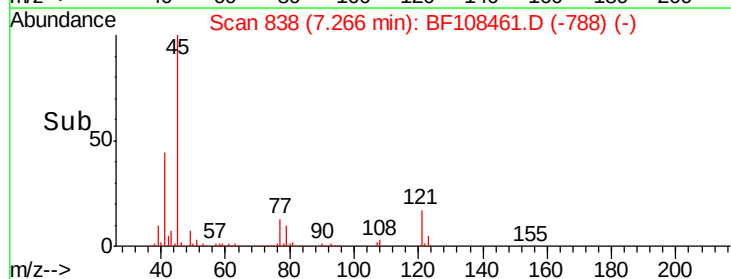
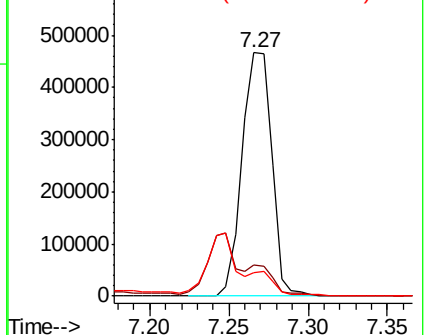
79 9.8 0.0 29.6

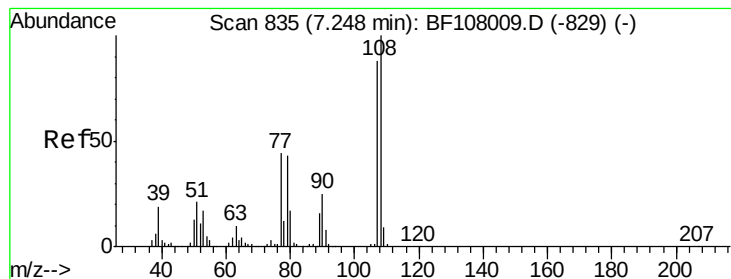


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

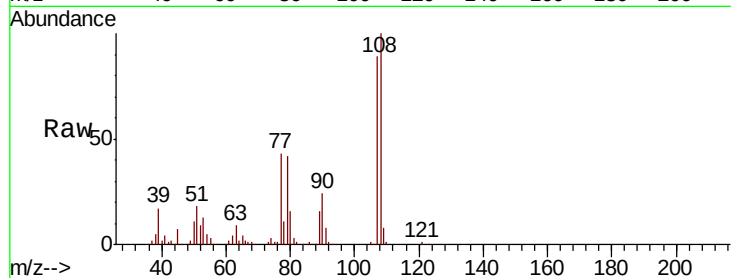




#17
2-Methylphenol
Concen: 42.006 ng
RT: 7.25 min Scan# 835
Delta R.T. -0.00 min
Lab File: BF108461.D
Acq: 24 Aug 2018 14:10

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
107	100		
108	111.9	91.7	137.5
77	48.0	33.8	50.8
79	47.5	33.8	50.8



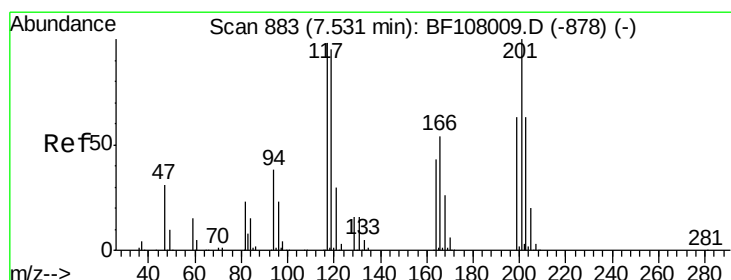
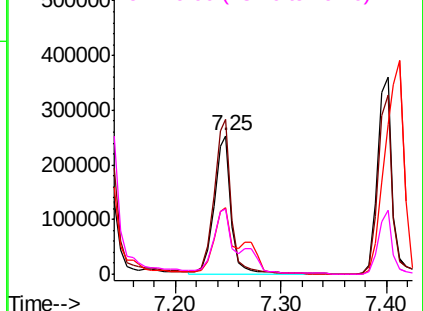
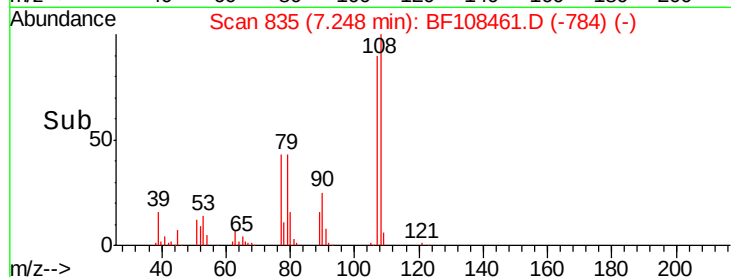
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

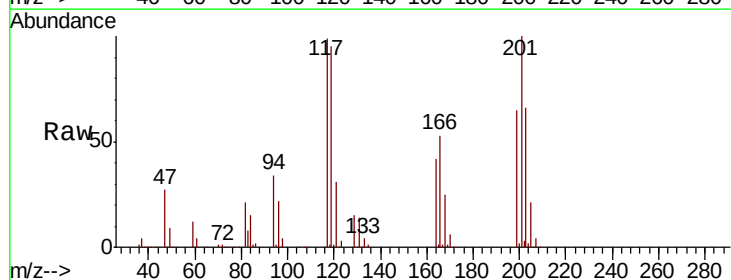
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 42.125 ng
RT: 7.51 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF108461.D
Acq: 24 Aug 2018 14:10

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.8	75.8	113.8
201	101.3	75.7	113.5

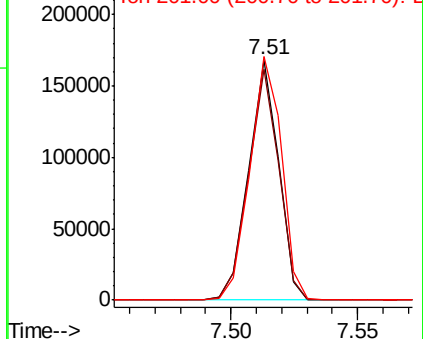
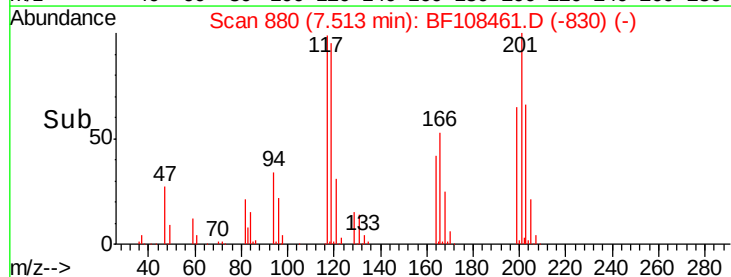


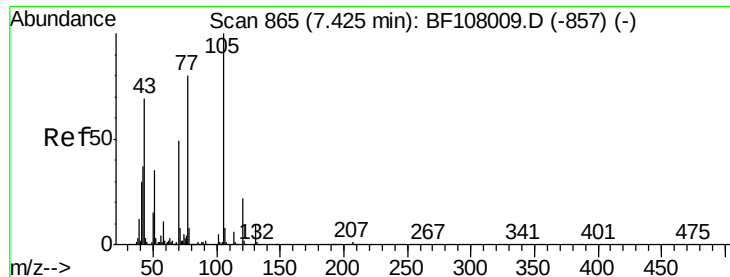
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

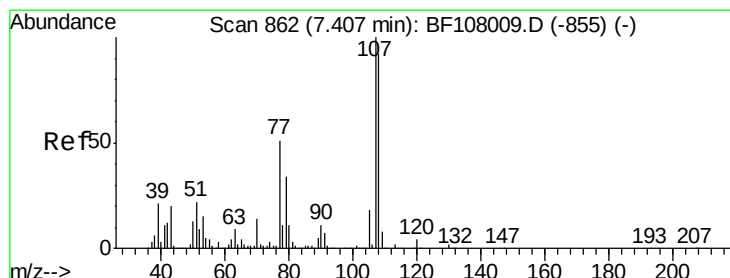
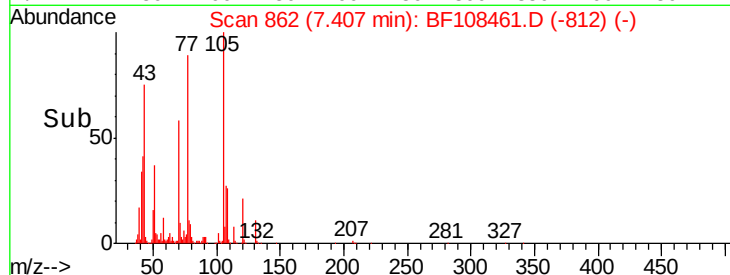
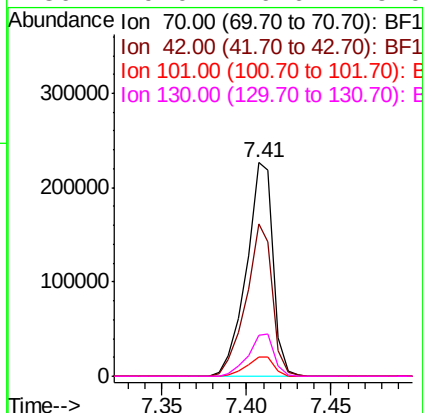
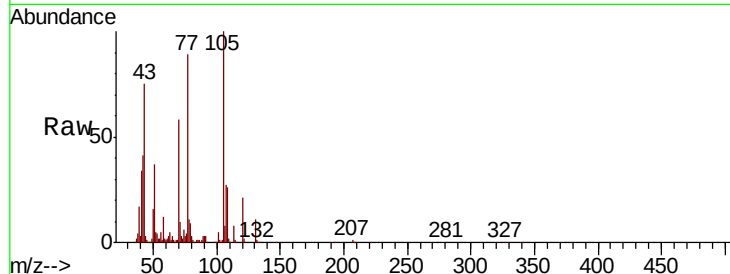




#19
n-Nitroso-di-n-propylamine
Concen: 39.121 ng
RT: 7.41 min Scan# 862
Delta R.T. -0.01 min
Lab File: BF108461.D
Acq: 24 Aug 2018 14:10

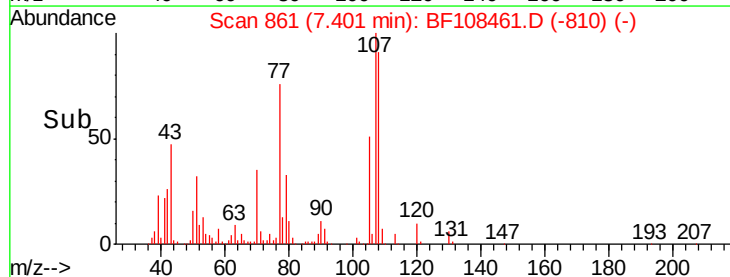
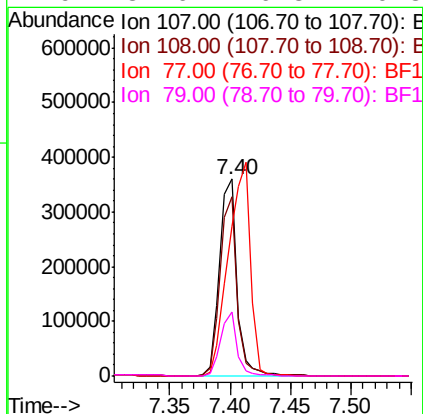
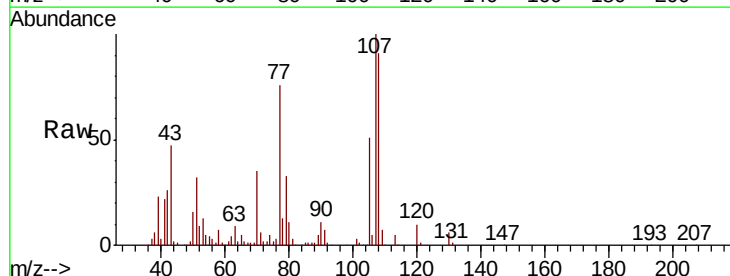
Instrument :
BNA_F
ClientSampleId :

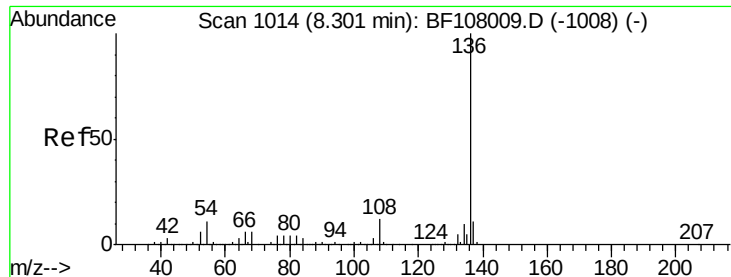
Tot Ion: 70 Resp: 249242
Ion Ratio Lower Upper
70 100
42 71.2 47.5 71.3
101 9.3 7.4 11.2
130 19.0 16.6 25.0



#20
3+4-Methylphenols
Concen: 40.452 ng
RT: 7.40 min Scan# 861
Delta R.T. -0.00 min
Lab File: BF108461.D
Acq: 24 Aug 2018 14:10

Tgt Ion:107 Resp: 354961
Ion Ratio Lower Upper
107 100
108 91.2 68.2 108.2
77 76.0 26.7 66.7#
79 32.6 6.3 46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.29 min Scan# 1012

Delta R.T. -0.00 min

Lab File: BF108461.D

Acq: 24 Aug 2018 14:10

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 505356

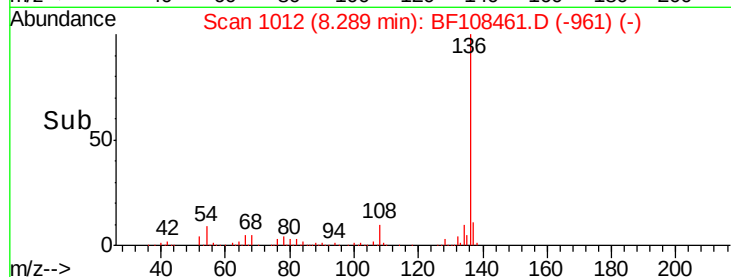
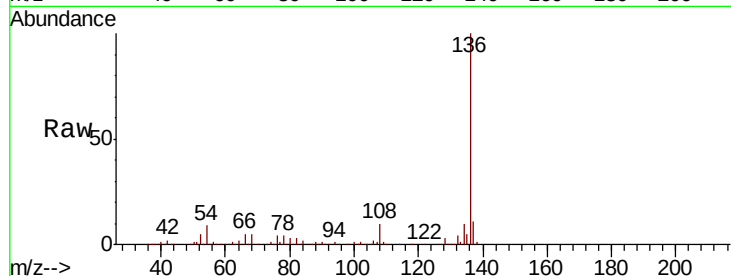
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 8.8 6.6 9.8

68 5.4 5.0 7.4

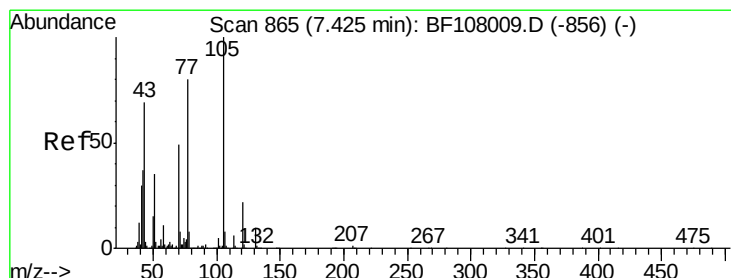
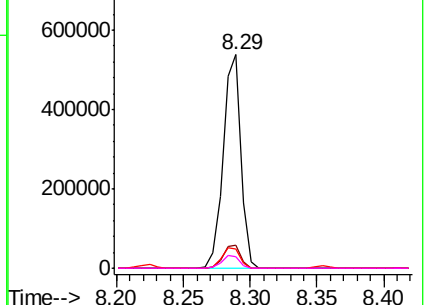


Abundance Ion 136.00 (135.70 to 136.70): E

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: 40.117 ng

RT: 7.41 min Scan# 863

Delta R.T. -0.00 min

Lab File: BF108461.D

Acq: 24 Aug 2018 14:10

Tgt Ion:105 Resp: 474045

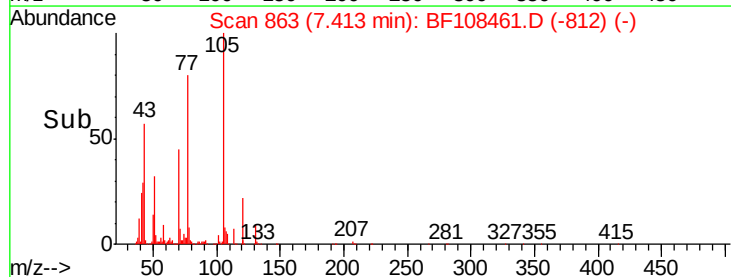
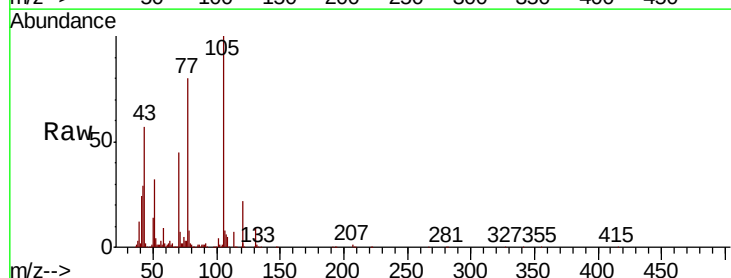
Ion Ratio Lower Upper

105 100

71 7.1 4.4 6.6#

51 32.1 22.3 33.5

120 21.9 16.9 25.3

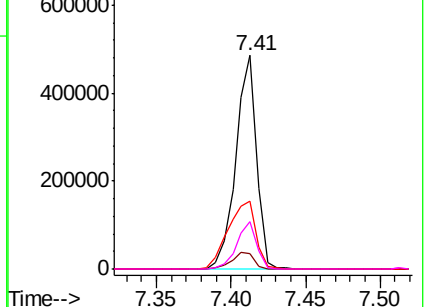


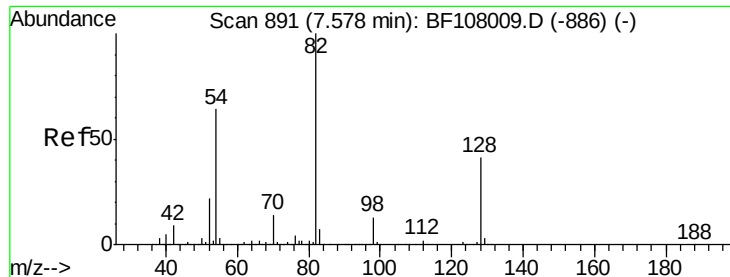
Abundance Ion 105.00 (104.70 to 105.70): E

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

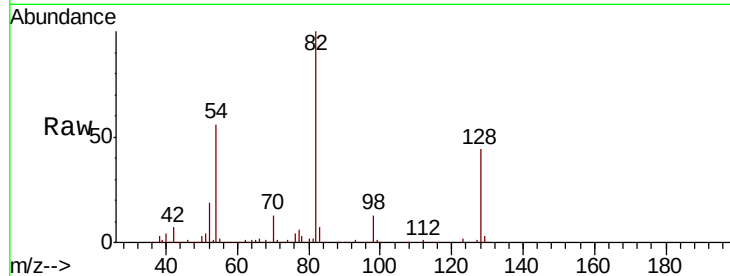




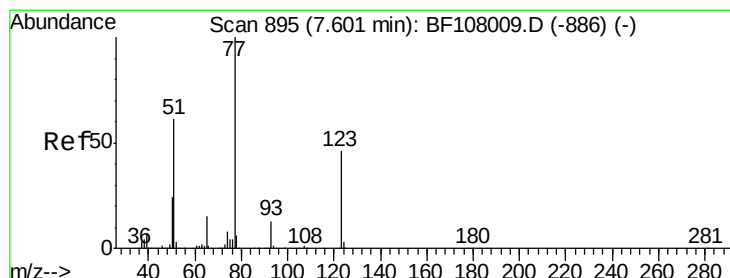
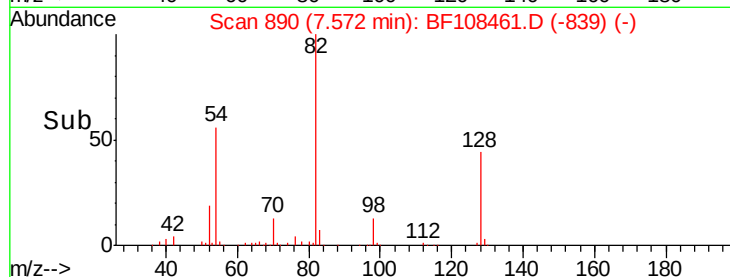
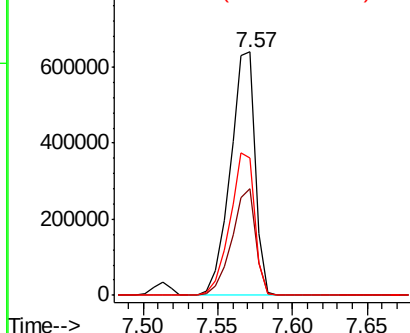
#23
 Nitrobenzene-d5
 Concen: 82.762 ng
 RT: 7.57 min Scan# 890
 Delta R.T. -0.00 min
 Lab File: BF108461.D
 Acq: 24 Aug 2018 14:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	749524
Ion Ratio	Lower	Upper	
82	100		
128	44.0	36.1	54.1
54	56.4	41.4	62.2

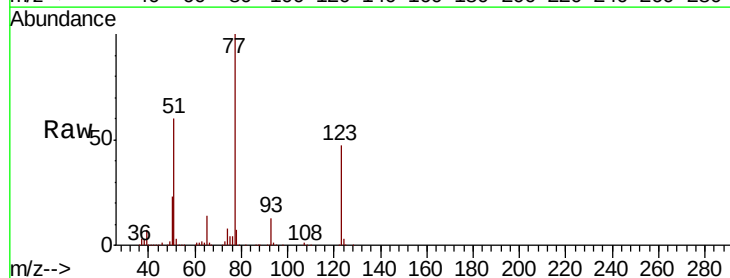


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

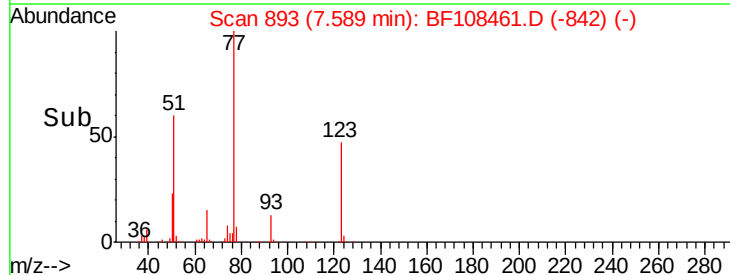
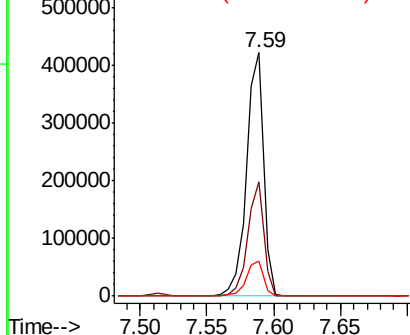


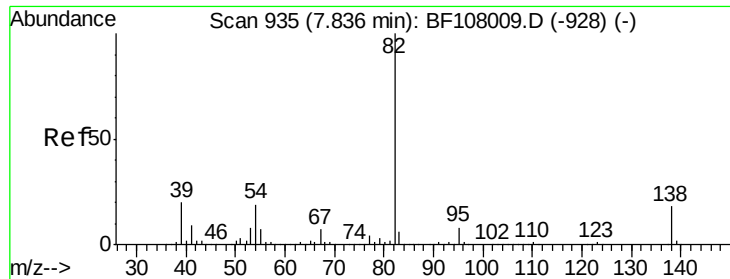
#24
 Nitrobenzene
 Concen: 40.451 ng
 RT: 7.59 min Scan# 893
 Delta R.T. -0.00 min
 Lab File: BF108461.D
 Acq: 24 Aug 2018 14:10

Tgt Ion	77	Resp	370443
Ion Ratio	Lower	Upper	
77	100		
123	47.1	37.9	56.9
65	14.5	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: 39.386 ng

RT: 7.82 min Scan# 932

Delta R.T. -0.01 min

Lab File: BF108461.D

Acq: 24 Aug 2018 14:10

Instrument :

BNA_F

ClientSampleId :

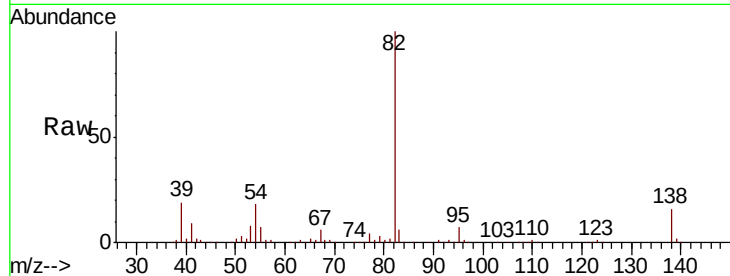
Tot Ion: 82 Resp: 679872

Ion Ratio Lower Upper

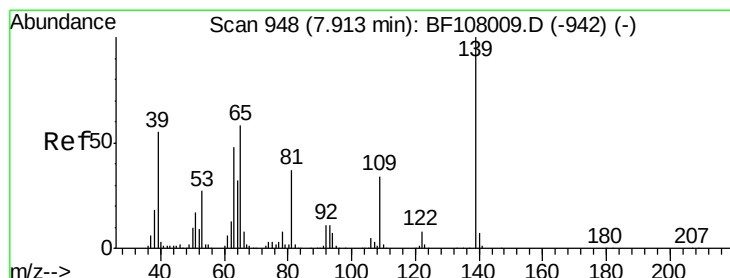
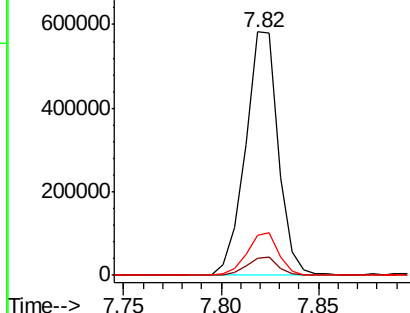
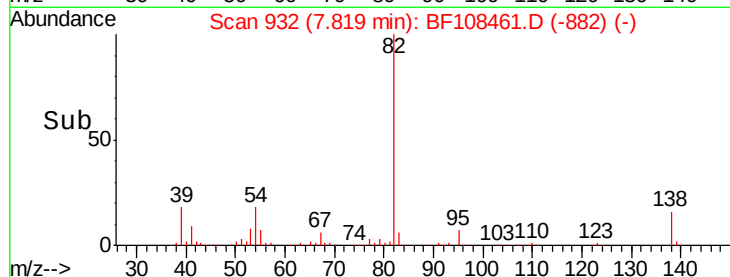
82 100

95 7.2 5.2 7.8

138 16.3 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: 47.891 ng

RT: 7.90 min Scan# 946

Delta R.T. -0.01 min

Lab File: BF108461.D

Acq: 24 Aug 2018 14:10

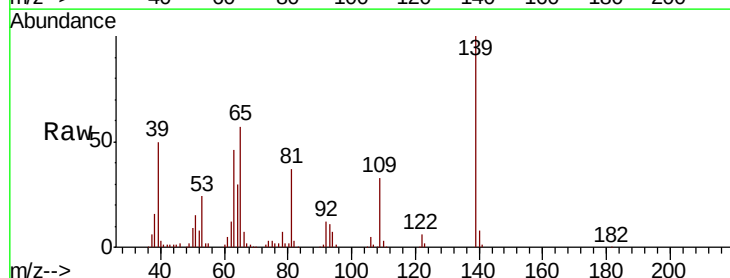
Tgt Ion: 139 Resp: 165627

Ion Ratio Lower Upper

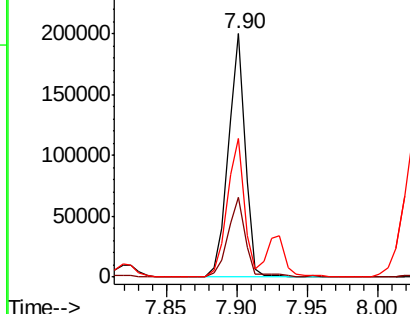
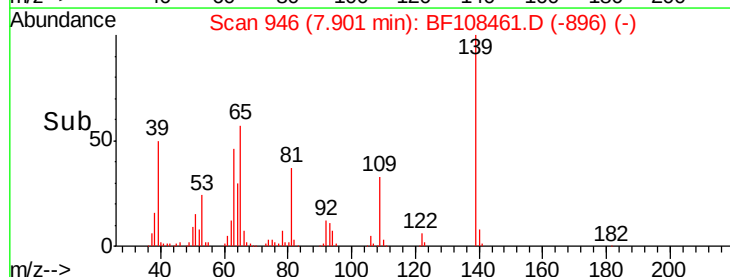
139 100

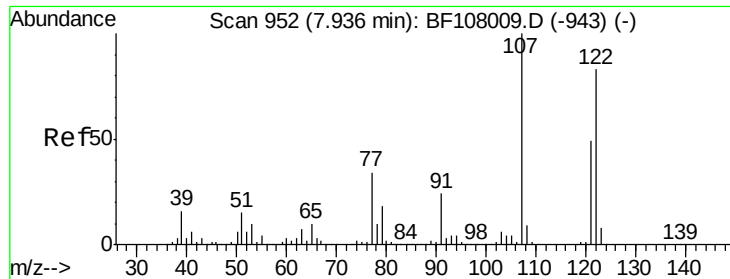
109 32.7 22.7 34.1

65 56.7 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

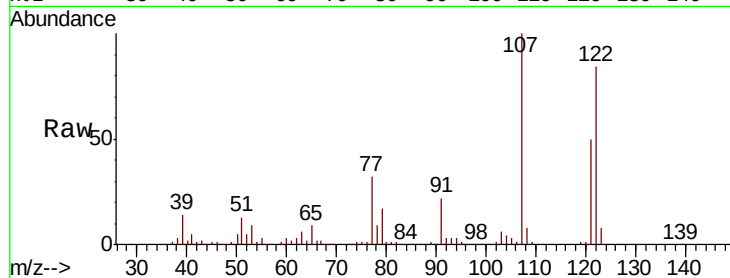




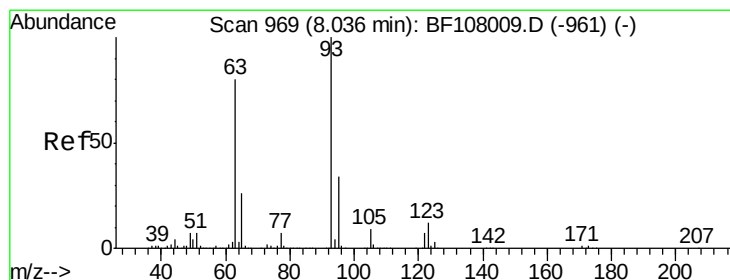
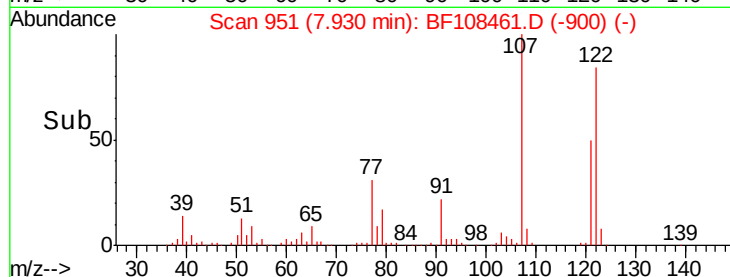
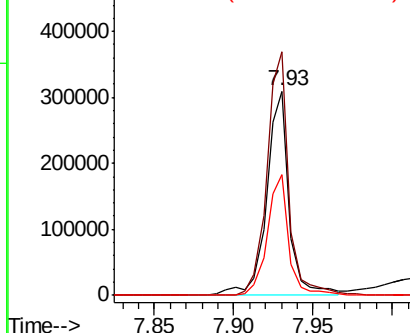
#27
 2,4-Dimethylphenol
 Concen: 40.438 ng
 RT: 7.93 min Scan# 951
 Delta R.T. -0.00 min
 Lab File: BF108461.D
 Acq: 24 Aug 2018 14:10

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
122	100		
107	119.3	91.2	136.8
121	59.4	47.2	70.8

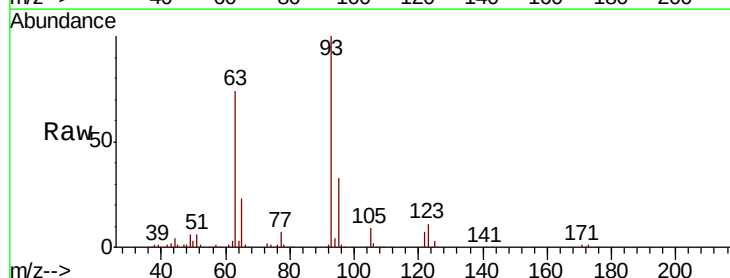


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

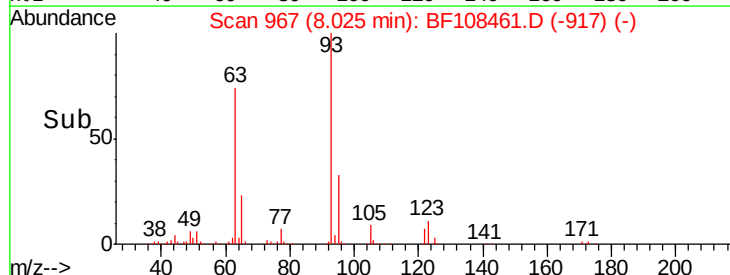
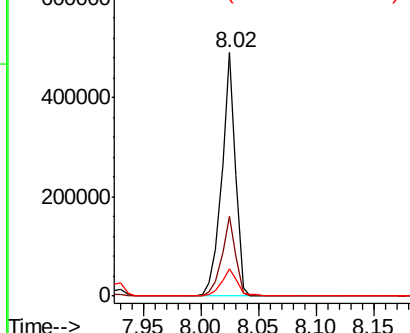


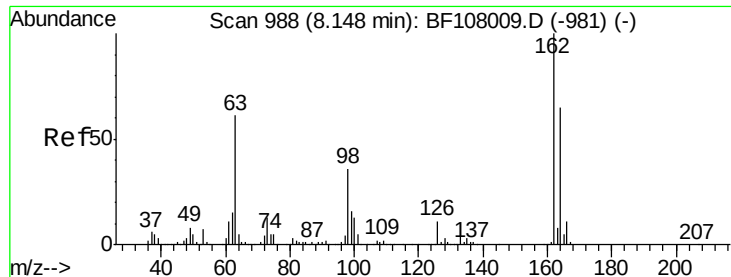
#28
 bis(2-Chloroethoxy)methane
 Concen: 40.320 ng
 RT: 8.02 min Scan# 967
 Delta R.T. -0.01 min
 Lab File: BF108461.D
 Acq: 24 Aug 2018 14:10

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.0	26.3	39.5
123	11.3	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

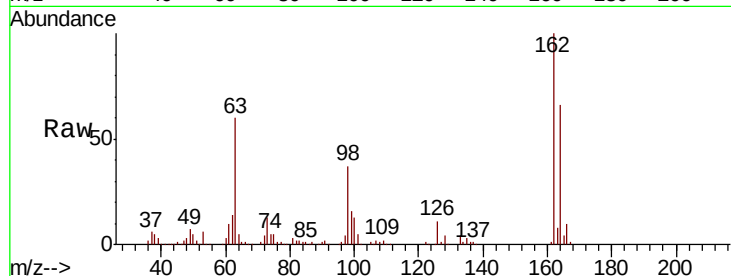




#29
 2,4-Dichlorophenol
 Concen: 41.656 ng
 RT: 8.14 min Scan# 987
 Delta R.T. -0.00 min
 Lab File: BF108461.D
 Acq: 24 Aug 2018 14:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.9	42.7	82.7
98	36.8	18.1	58.1

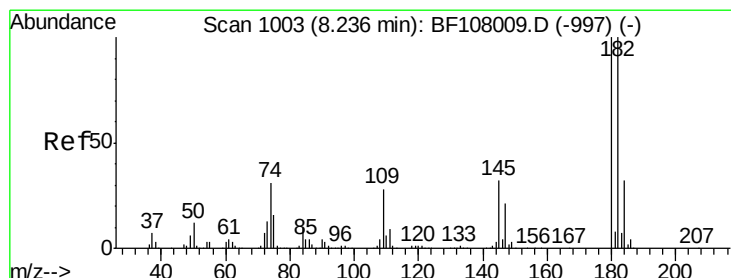
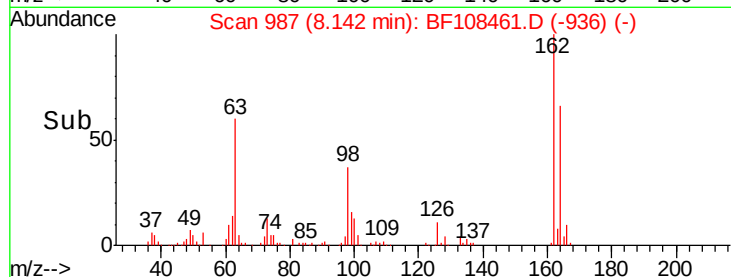
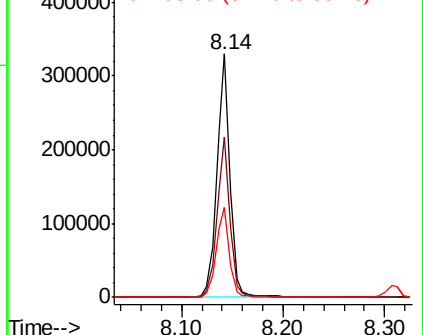


Abundance

Ion 162.00 (161.70 to 162.70): E

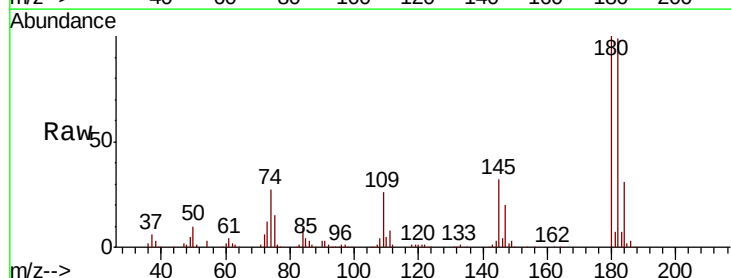
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 41.465 ng
 RT: 8.22 min Scan# 1001
 Delta R.T. -0.01 min
 Lab File: BF108461.D
 Acq: 24 Aug 2018 14:10

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.9	76.8	115.2
145	31.7	26.5	39.7

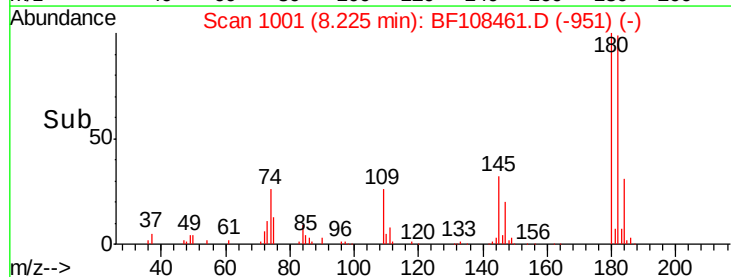
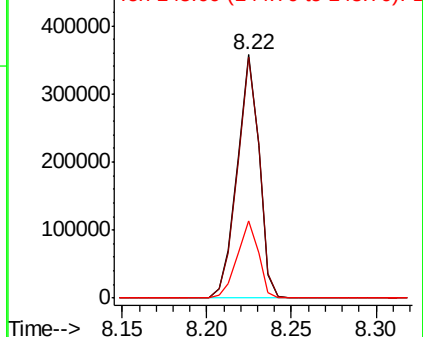


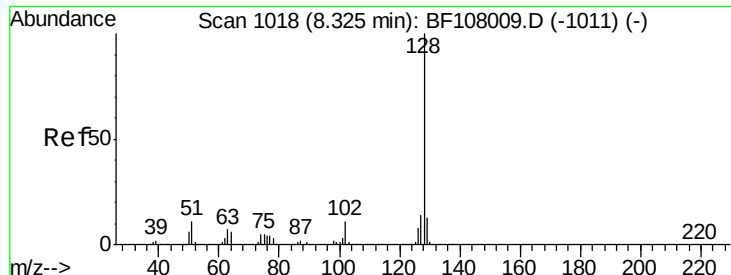
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

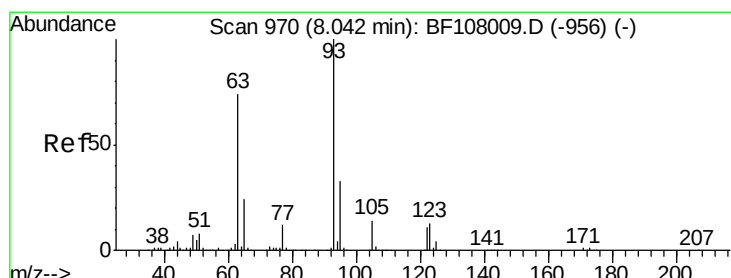
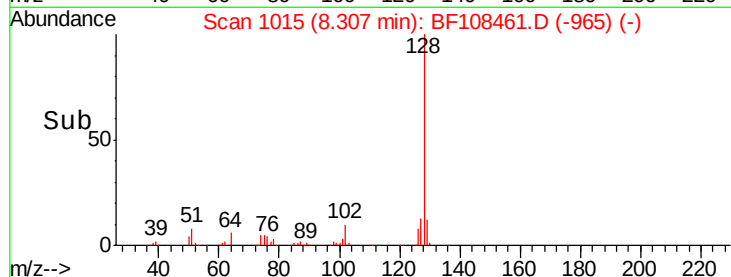
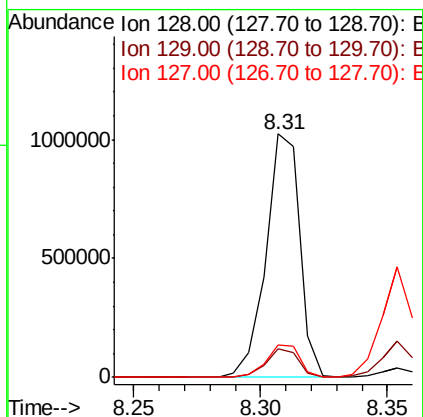
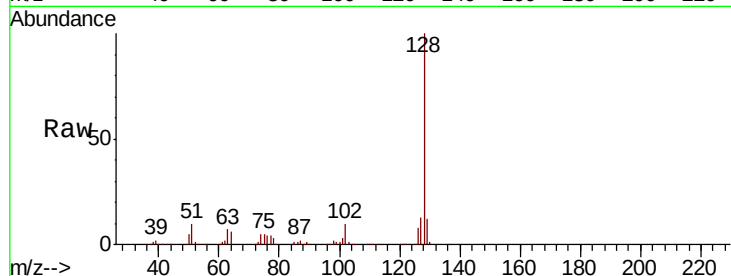




#31
Naphthalene
Concen: 41.808 ng
RT: 8.31 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF108461.D
Acq: 24 Aug 2018 14:10

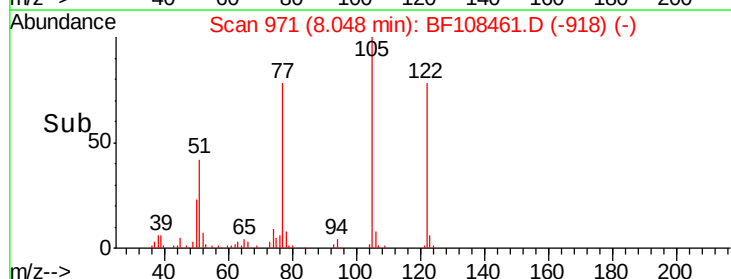
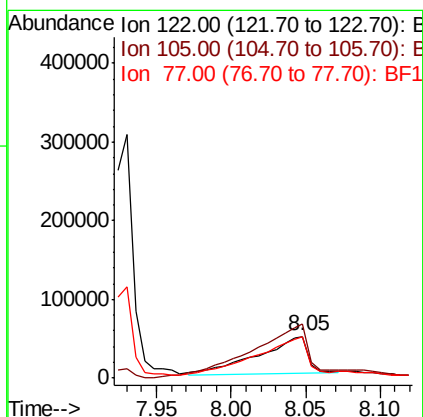
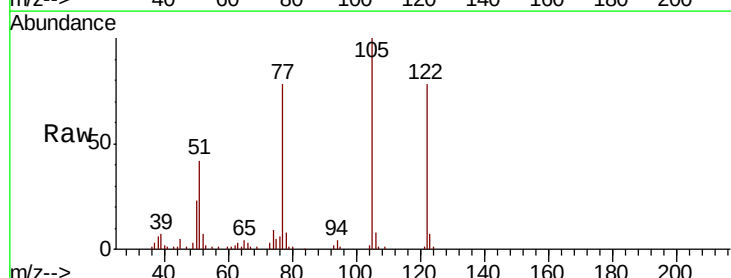
Instrument :
BNA_F
ClientSampleId :

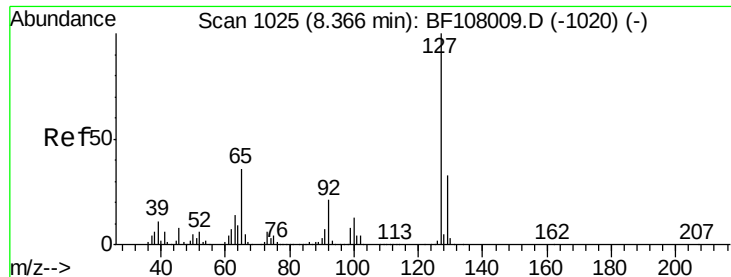
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.7	8.8	13.2
127	13.5	10.9	16.3



#32
Benzoic acid
Concen: 27.783 ng
RT: 8.05 min Scan# 971
Delta R.T. 0.01 min
Lab File: BF108461.D
Acq: 24 Aug 2018 14:10

Tgt Ion	Ratio	Lower	Upper
122	100		
105	128.8	101.1	141.1
77	100.0	70.7	110.7

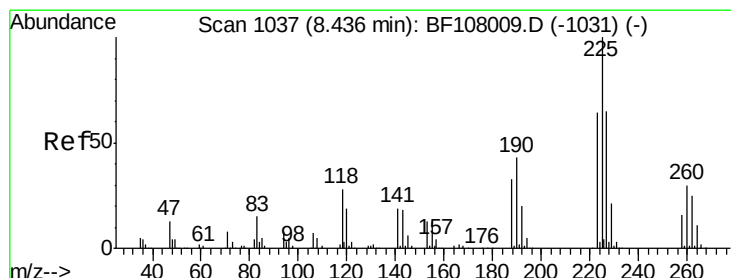
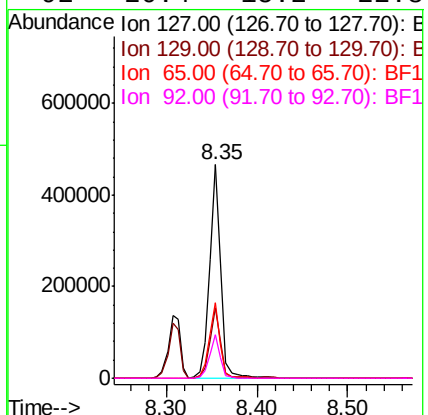
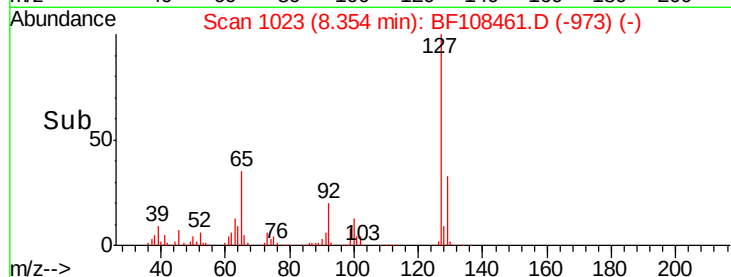
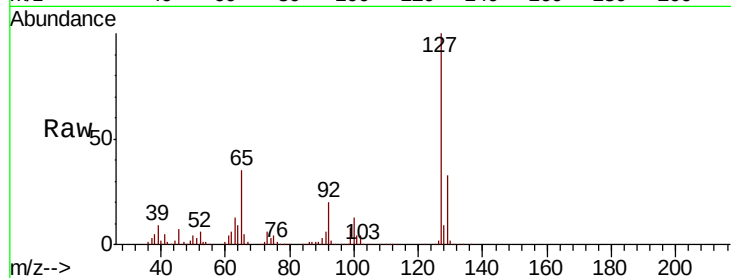




#33
4-Chloroaniline
Concen: 40.750 ng
RT: 8.35 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF108461.D
Acq: 24 Aug 2018 14:10

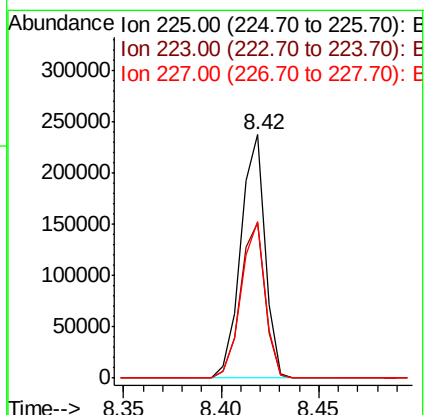
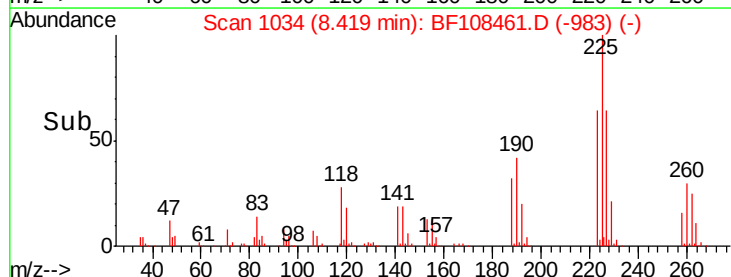
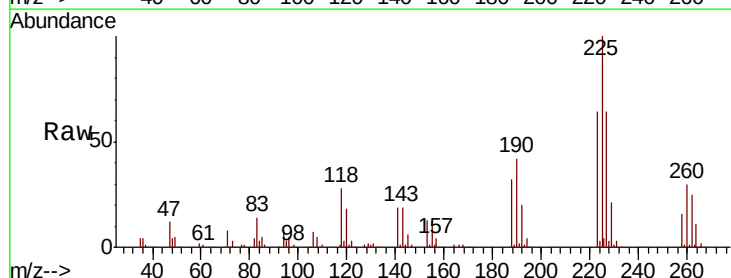
Instrument :
BNA_F
ClientSampleId :

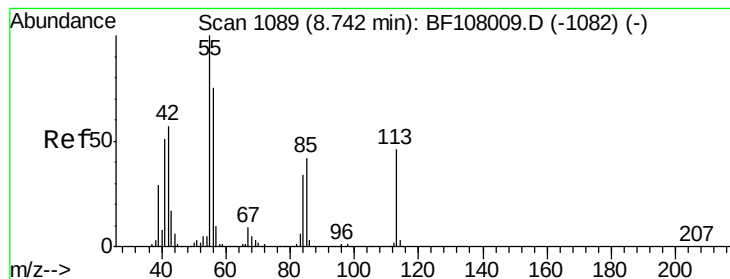
Tot Ion:	127	Resp:	408140
Ion	Ratio	Lower	Upper
127	100		
129	32.9	25.9	38.9
65	35.2	25.0	37.4
92	20.4	15.2	22.8



#34
Hexachlorobutadiene
Concen: 41.839 ng
RT: 8.42 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BF108461.D
Acq: 24 Aug 2018 14:10

Tgt Ion:	225	Resp:	205887
Ion	Ratio	Lower	Upper
225	100		
223	64.0	50.6	76.0
227	64.3	51.9	77.9





#35

Caprolactam

Concen: 40.212 ng

RT: 8.74 min Scan# 1088

Delta R.T. -0.00 min

Lab File: BF108461.D

Acq: 24 Aug 2018 14:10

Instrument :

BNA_F

ClientSampleId :

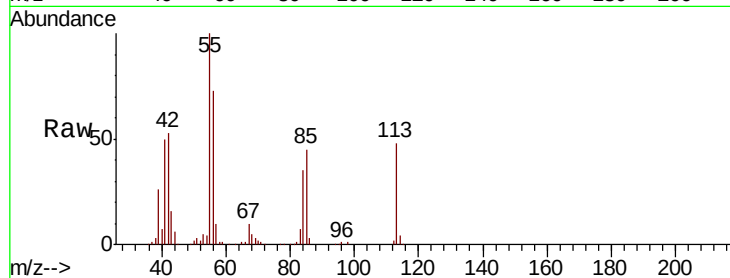
Tot Ion:113 Resp: 88846

Ion Ratio Lower Upper

113 100

55 208.0 163.3 203.3#

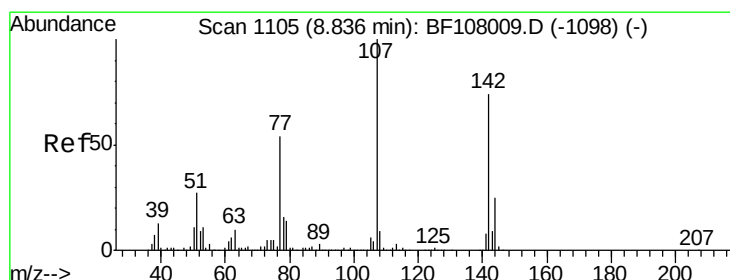
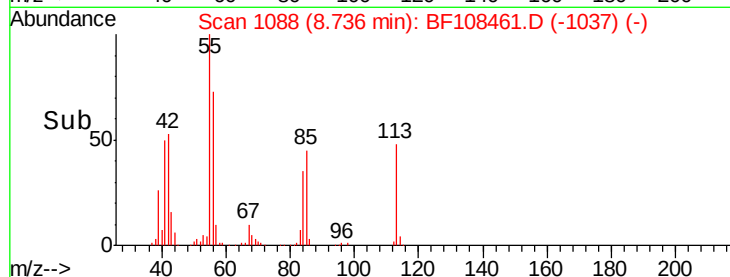
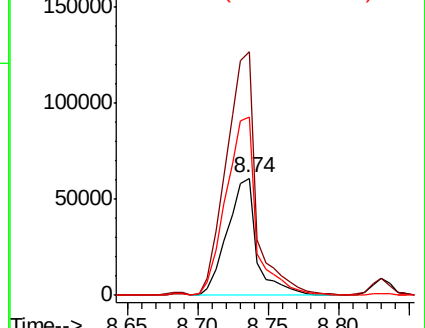
56 152.1 115.7 155.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 41.082 ng

RT: 8.83 min Scan# 1104

Delta R.T. -0.00 min

Lab File: BF108461.D

Acq: 24 Aug 2018 14:10

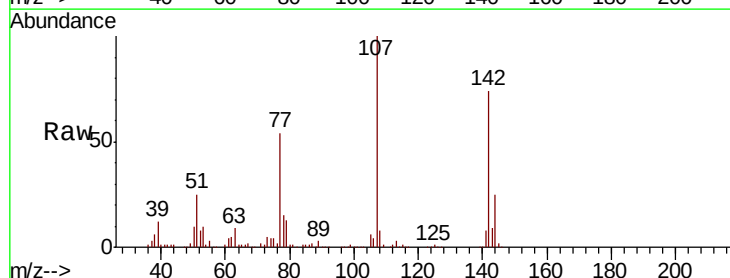
Tgt Ion:107 Resp: 312467

Ion Ratio Lower Upper

107 100

144 25.2 20.5 30.7

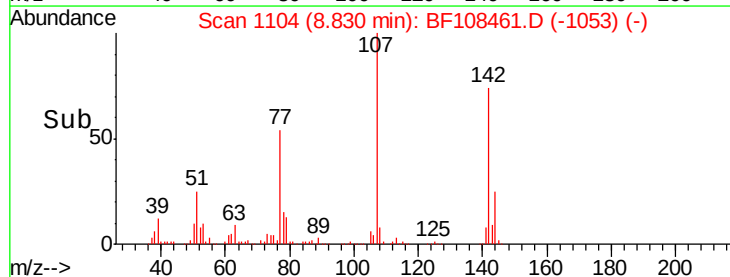
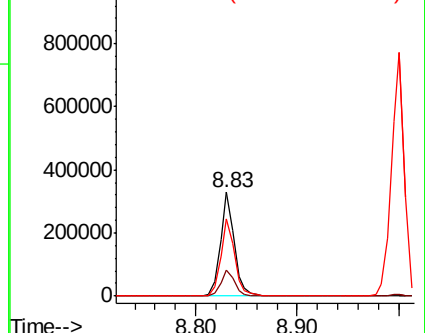
142 74.2 62.0 93.0

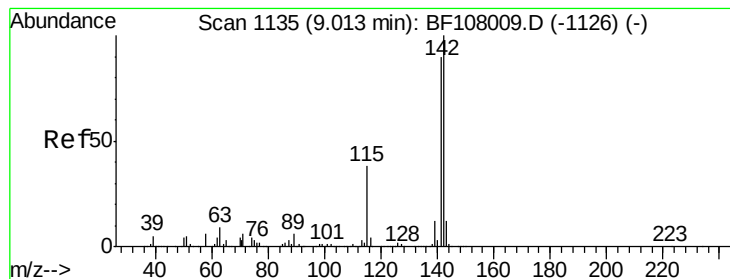


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 41.244 ng

RT: 9.00 min Scan# 1133

Delta R.T. -0.01 min

Lab File: BF108461.D

Acq: 24 Aug 2018 14:10

Instrument :

BNA_F

ClientSampleId :

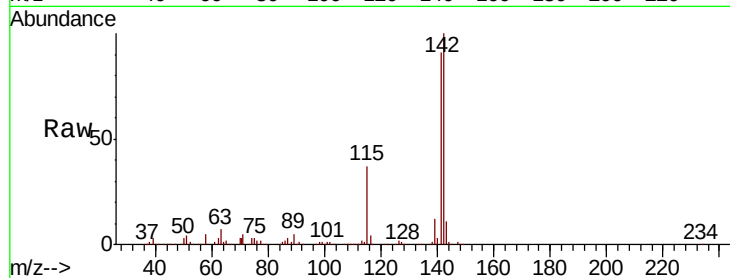
Tot Ion:142 Resp: 670636

Ion Ratio Lower Upper

142 100

141 90.6 70.8 106.2

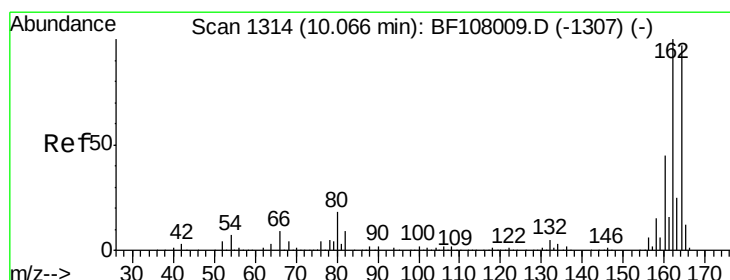
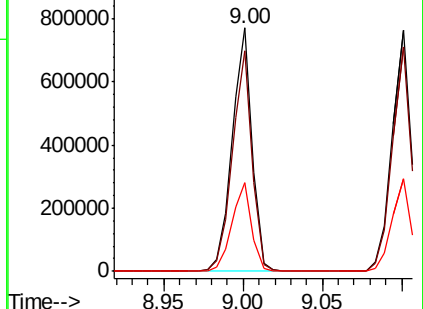
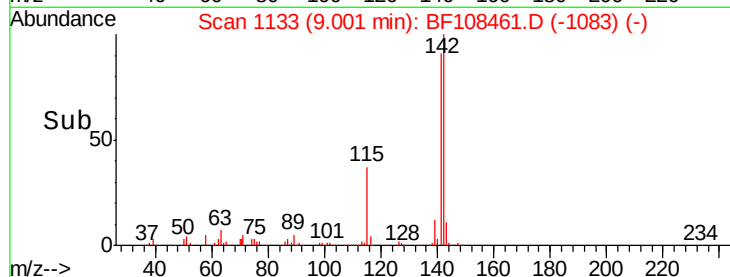
115 36.7 26.1 39.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.05 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BF108461.D

Acq: 24 Aug 2018 14:10

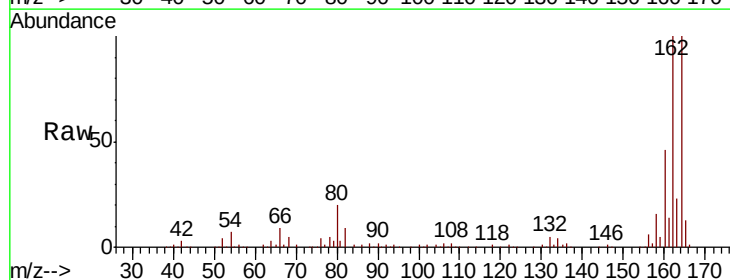
Tgt Ion:164 Resp: 258838

Ion Ratio Lower Upper

164 100

162 100.1 86.1 129.1

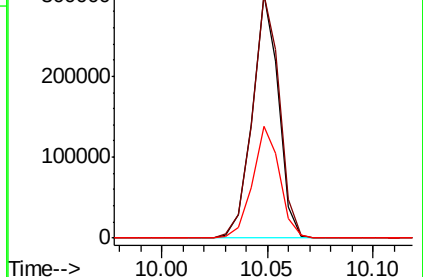
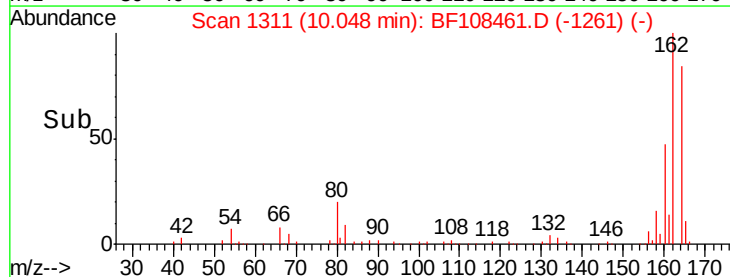
160 45.9 38.3 57.5

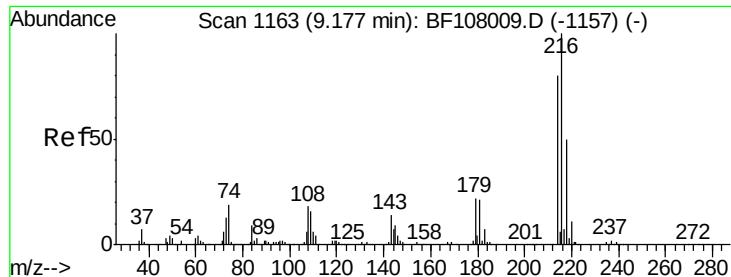


Abundance Ion 164.00 (163.70 to 164.70): E

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: 42.792 ng

RT: 9.17 min Scan# 1161

Delta R.T. -0.01 min

Lab File: BF108461.D

Acq: 24 Aug 2018 14:10

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 340141

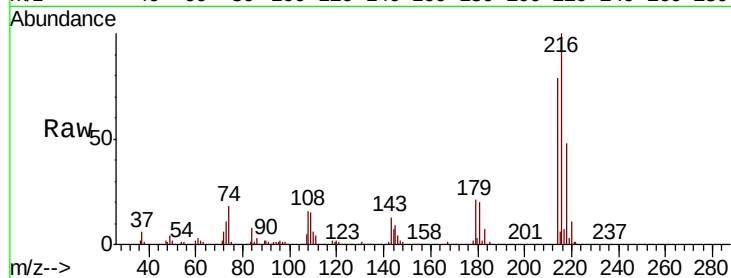
Ion Ratio Lower Upper

216 100

214 78.2 63.0 94.4

179 20.9 18.1 27.1

108 18.6 17.2 25.8

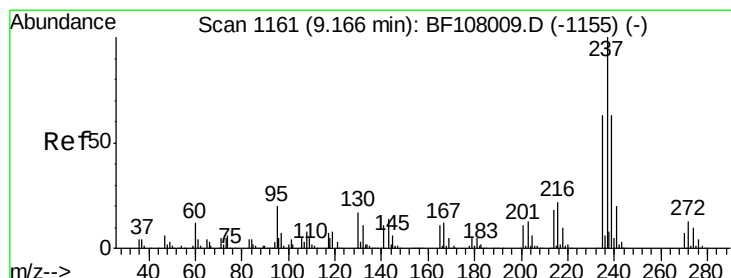
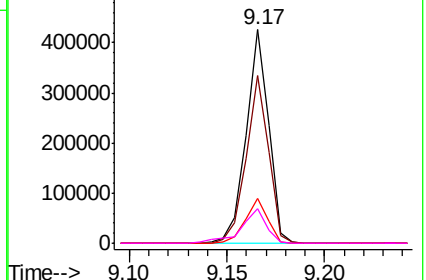
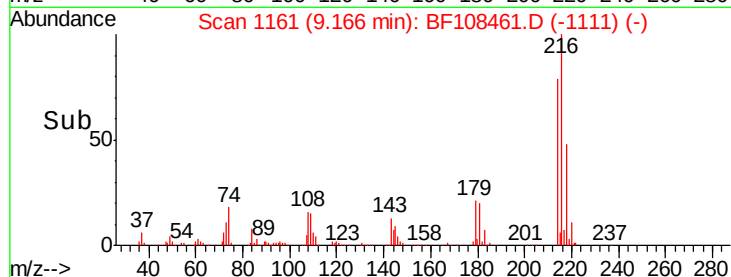


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 42.795 ng

RT: 9.15 min Scan# 1158

Delta R.T. -0.00 min

Lab File: BF108461.D

Acq: 24 Aug 2018 14:10

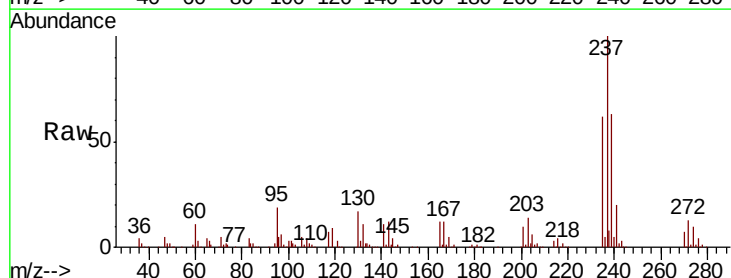
Tgt Ion:237 Resp: 219712

Ion Ratio Lower Upper

237 100

235 62.0 44.8 84.8

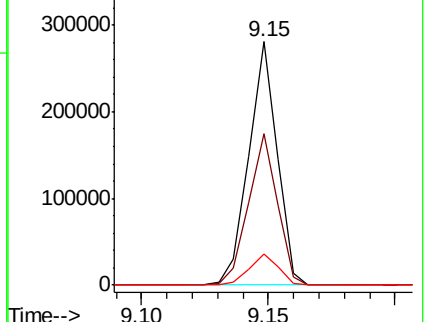
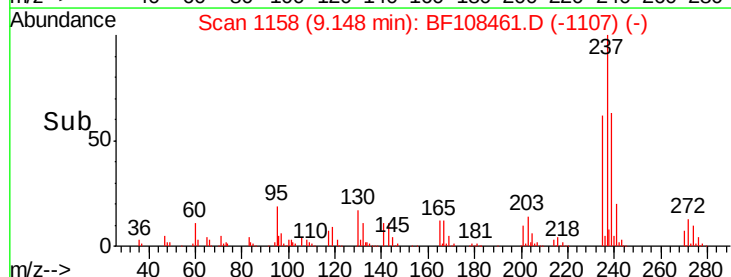
272 12.7 0.0 33.3

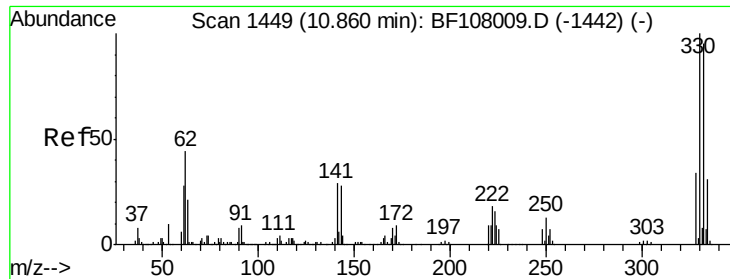


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

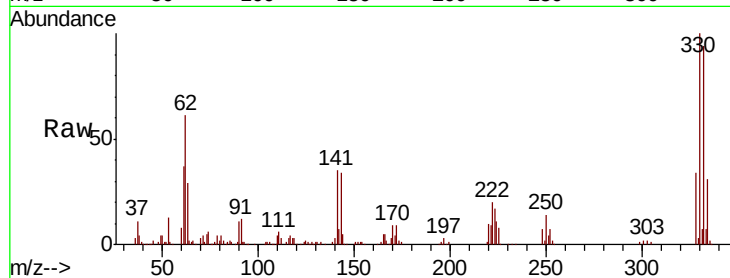




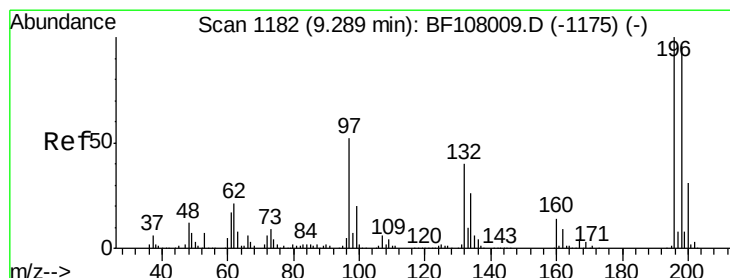
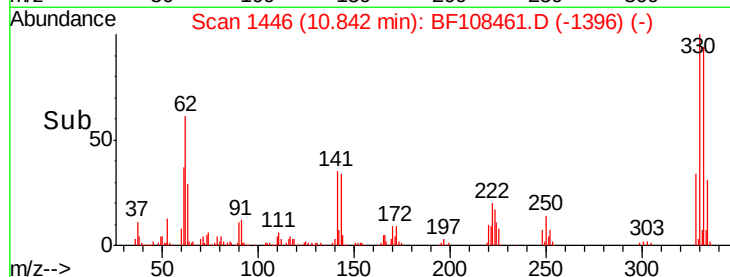
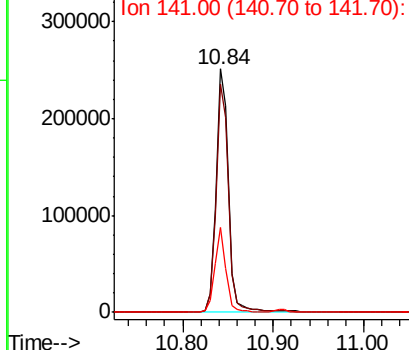
#41
 2,4,6-Tribromophenol
 Concen: 92.530 ng
 RT: 10.84 min Scan# 1446
 Delta R.T. -0.01 min
 Lab File: BF108461.D
 Acq: 24 Aug 2018 14:10

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 238898
 Ion Ratio Lower Upper
 330 100
 332 95.0 77.0 115.6
 141 31.7 29.9 44.9

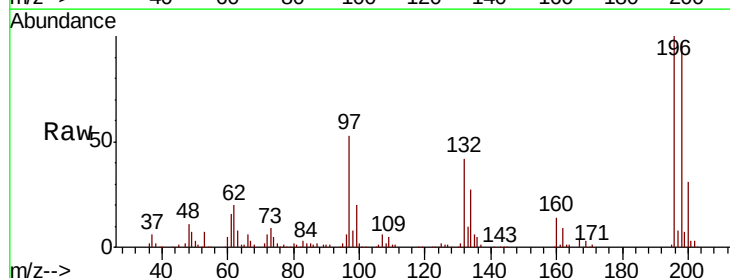


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

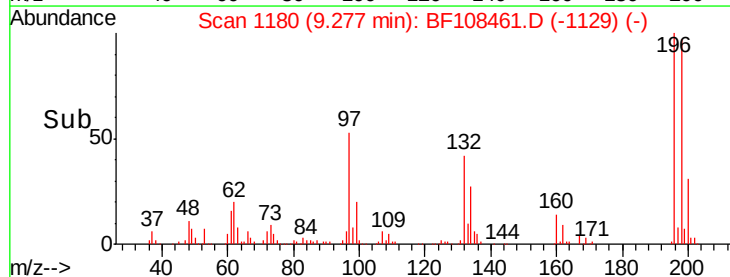
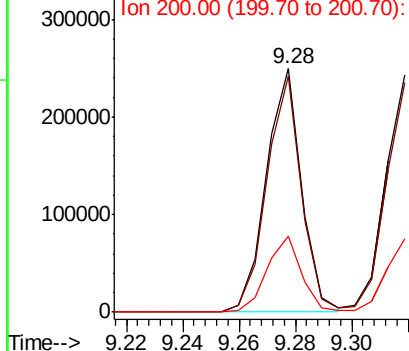


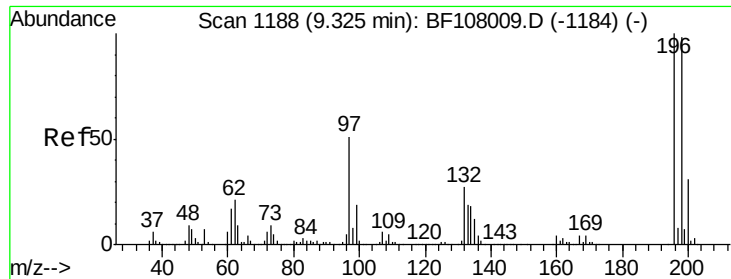
#42
 2,4,6-Trichlorophenol
 Concen: 43.714 ng
 RT: 9.28 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: BF108461.D
 Acq: 24 Aug 2018 14:10

Tgt Ion:196 Resp: 215622
 Ion Ratio Lower Upper
 196 100
 198 96.7 75.7 113.5
 200 31.0 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

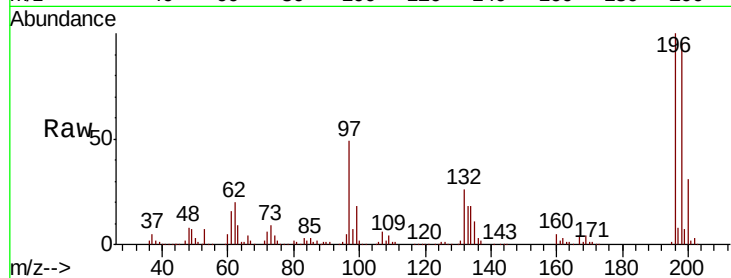




#43
 2,4,5-Trichlorophenol
 Concen: 43.937 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.00 min
 Lab File: BF108461.D
 Acq: 24 Aug 2018 14:10

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	196	Resp	238573
Ion Ratio	100	Lower	Upper
196	100		
198	96.3	74.6	112.0
97	48.7	42.9	64.3
132	26.1	26.3	39.5#



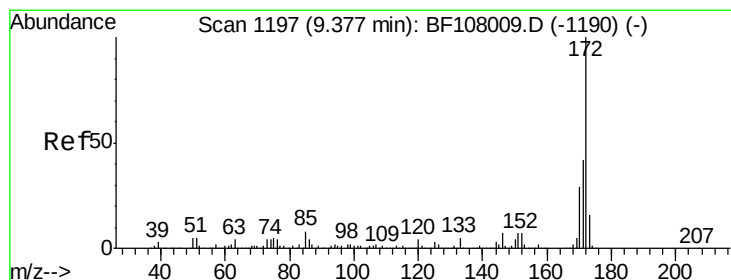
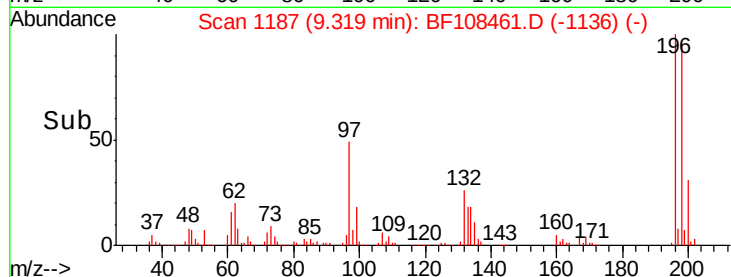
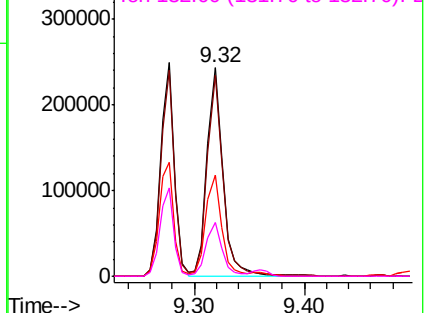
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

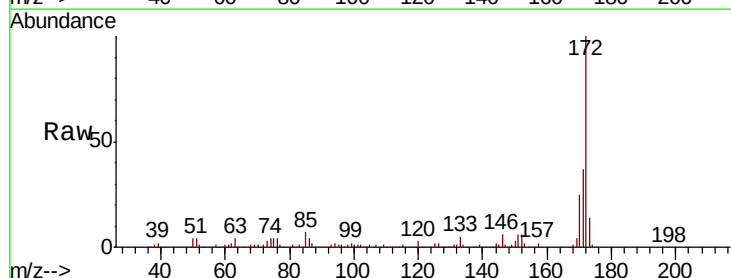
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 88.239 ng
 RT: 9.36 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF108461.D
 Acq: 24 Aug 2018 14:10

Tgt Ion	172	Resp	1422616
Ion Ratio	100	Lower	Upper
172	100		
171	37.1	29.7	44.5
170	25.2	19.6	29.4

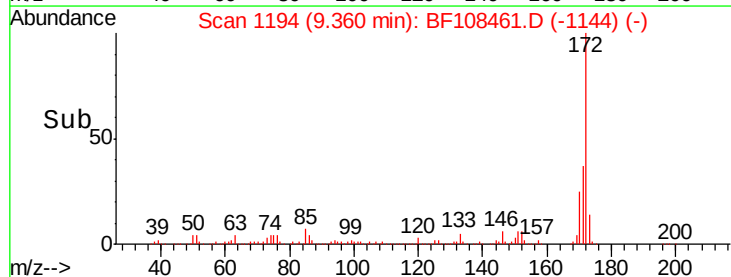
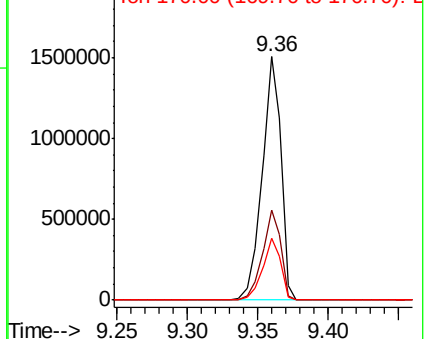


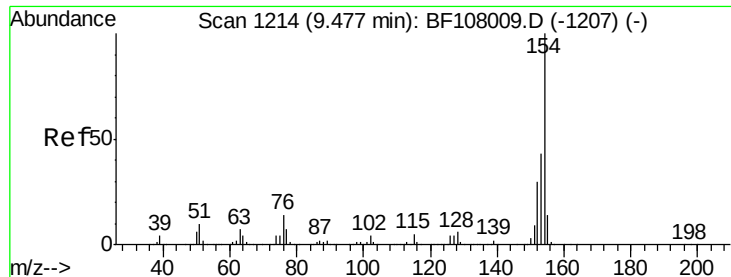
Abundance

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

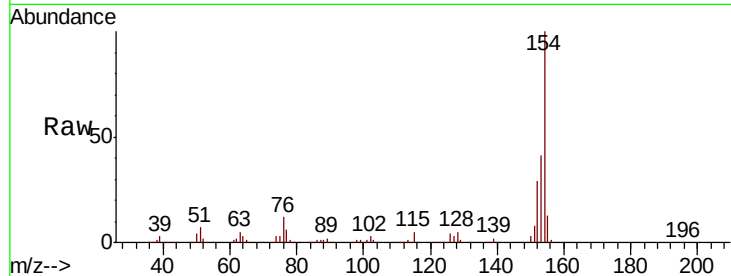




#45
 1,1'-Biphenyl
 Concen: 42.198 ng
 RT: 9.47 min Scan# 1212
 Delta R.T. -0.00 min
 Lab File: BF108461.D
 Acq: 24 Aug 2018 14:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.0	21.3	61.3
76	11.6	0.0	34.0

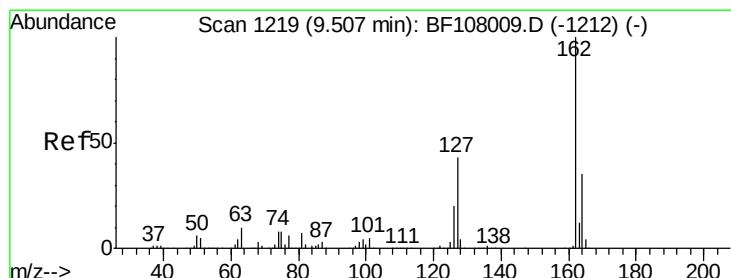
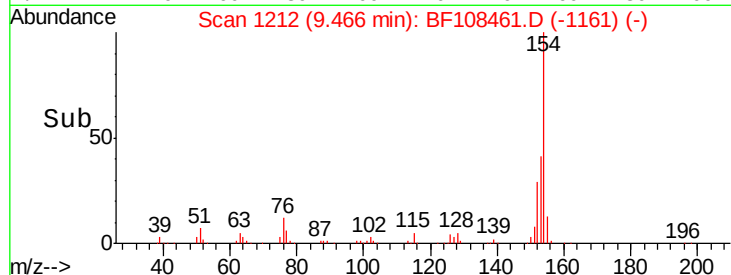
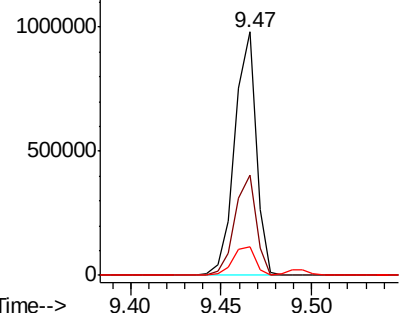


Abundance

Ion 154.00 (153.70 to 154.70): E

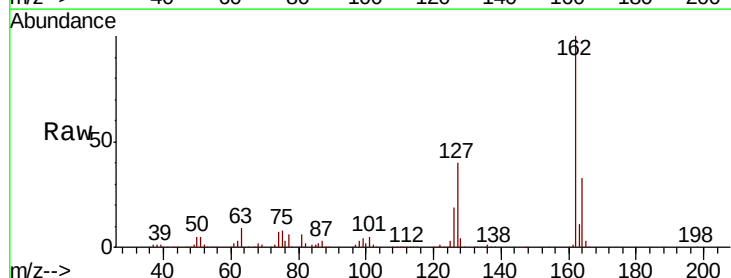
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46
 2-Chloronaphthalene
 Concen: 41.806 ng
 RT: 9.50 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: BF108461.D
 Acq: 24 Aug 2018 14:10

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.7	33.9	50.9
164	33.2	26.5	39.7

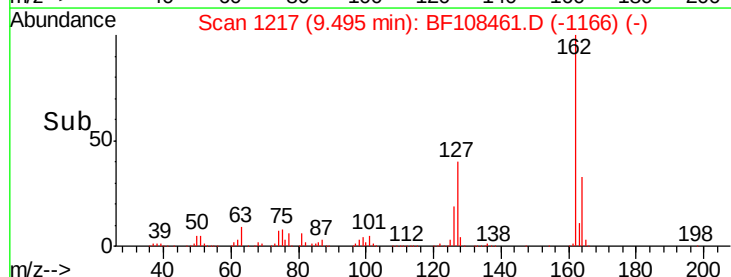
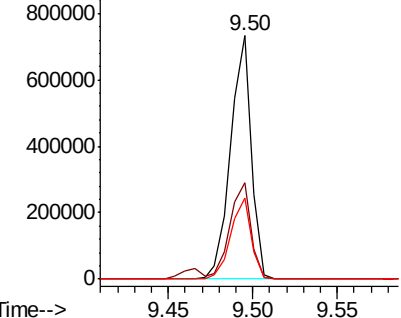


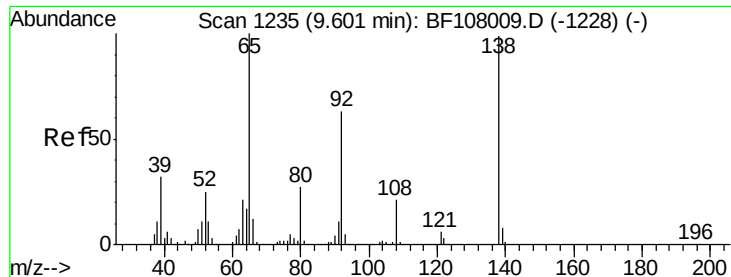
Abundance

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

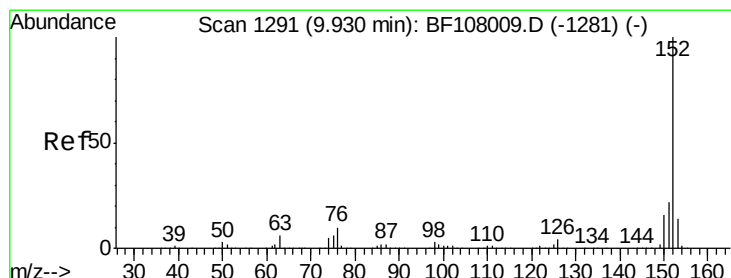
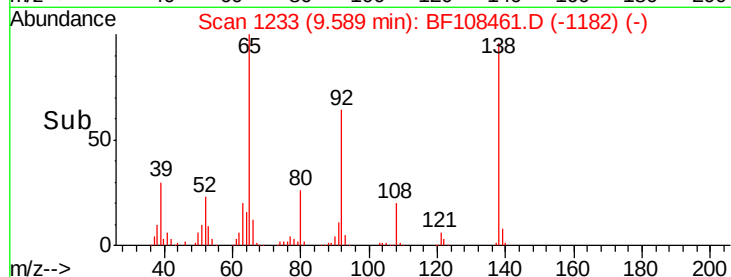
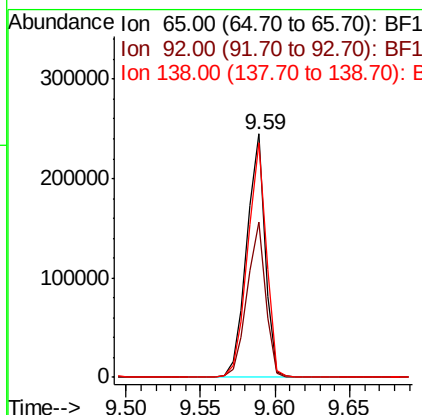
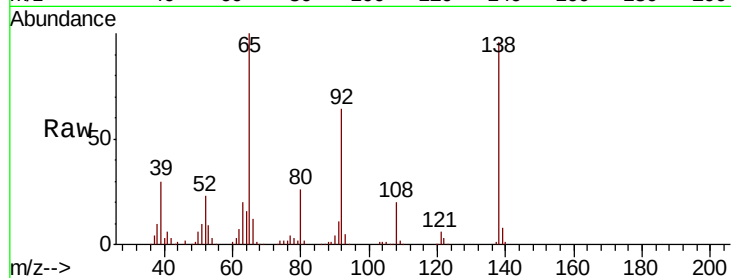




#47
2-Nitroaniline
Concen: 43.070 ng
RT: 9.59 min Scan# 1233
Delta R.T. -0.00 min
Lab File: BF108461.D
Acq: 24 Aug 2018 14:10

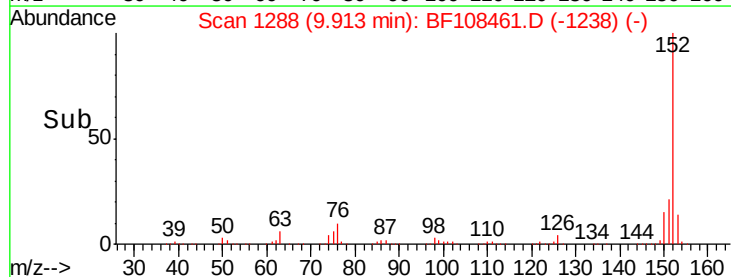
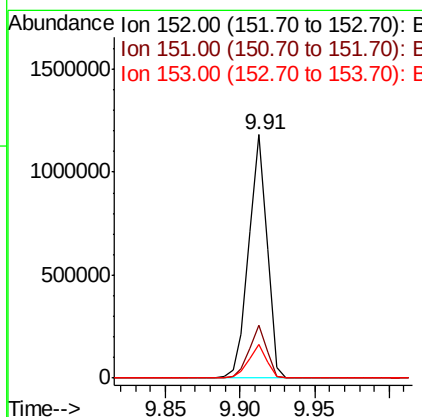
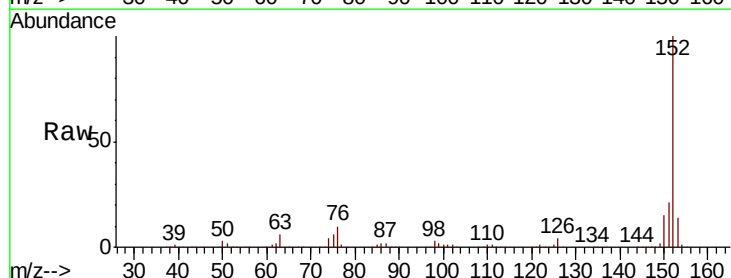
Instrument :
BNA_F
ClientSampleId :

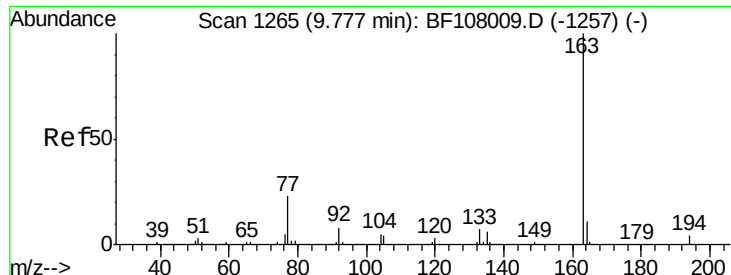
Tot Ion: 65 Resp: 210197
Ion Ratio Lower Upper
65 100
92 63.8 55.8 83.6
138 96.1 91.2 136.8



#48
Acenaphthylene
Concen: 41.983 ng
RT: 9.91 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BF108461.D
Acq: 24 Aug 2018 14:10

Tgt Ion: 152 Resp: 1001110
Ion Ratio Lower Upper
152 100
151 21.5 16.3 24.5
153 13.6 10.7 16.1

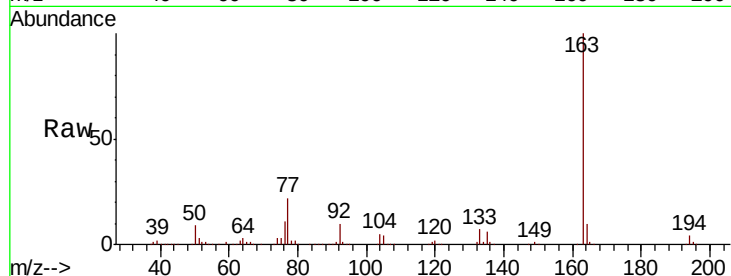




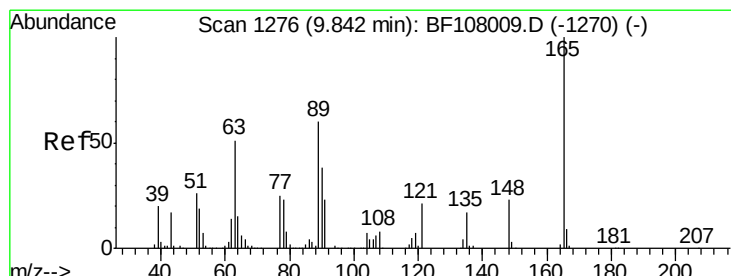
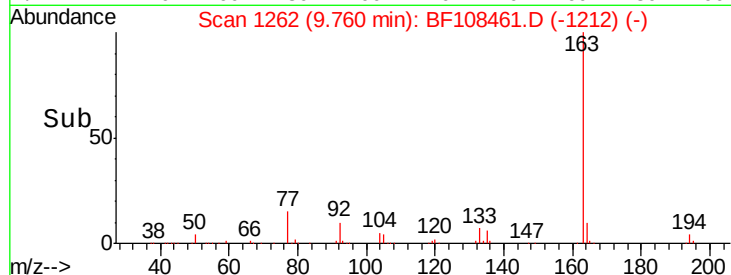
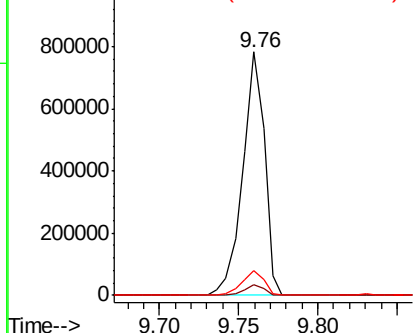
#49
Dimethylphthalate
Concen: 41.210 ng
RT: 9.76 min Scan# 1262
Delta R.T. -0.01 min
Lab File: BF108461.D
Acq: 24 Aug 2018 14:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 743032
Ion Ratio Lower Upper
163 100
194 4.1 2.7 4.1#
164 10.3 8.2 12.2

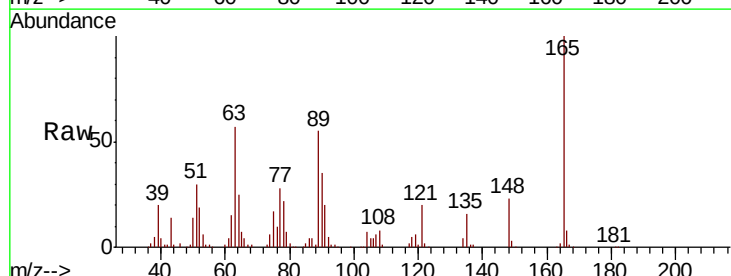


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

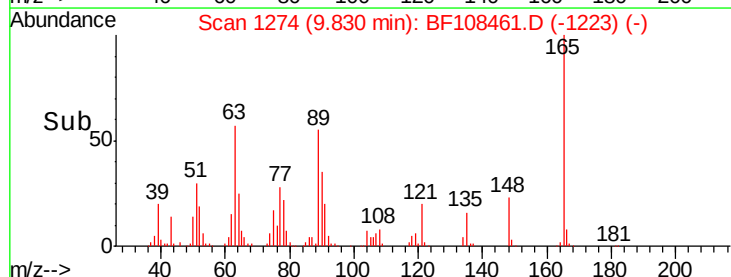
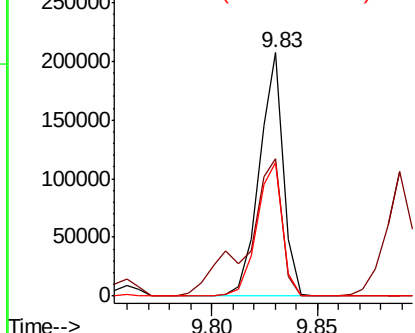


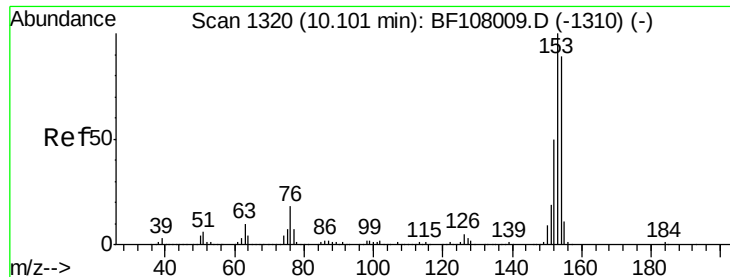
#50
2,6-Dinitrotoluene
Concen: 43.257 ng
RT: 9.83 min Scan# 1274
Delta R.T. -0.00 min
Lab File: BF108461.D
Acq: 24 Aug 2018 14:10

Tgt Ion:165 Resp: 163179
Ion Ratio Lower Upper
165 100
63 56.5 44.7 67.1
89 55.1 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: 39.494 ng

RT: 10.08 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF108461.D

Acq: 24 Aug 2018 14:10

Instrument :

BNA_F

ClientSampled :

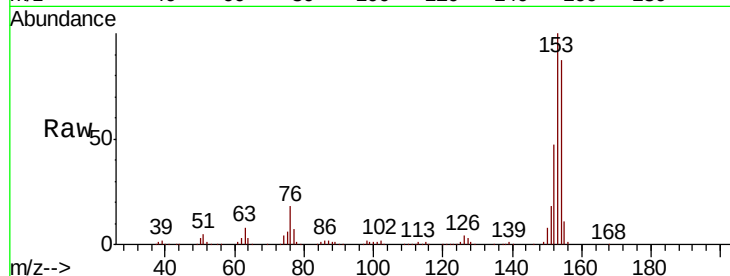
Tot Ion:154 Resp: 576827

Ion Ratio Lower Upper

154 100

153 114.9 91.2 136.8

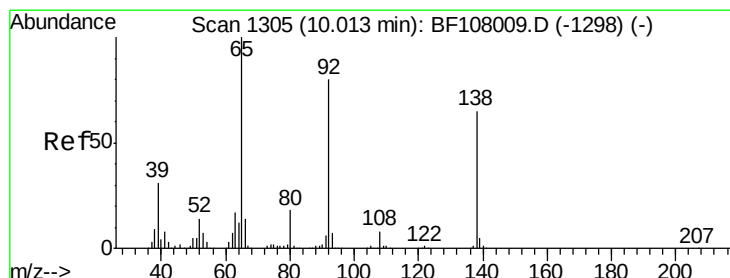
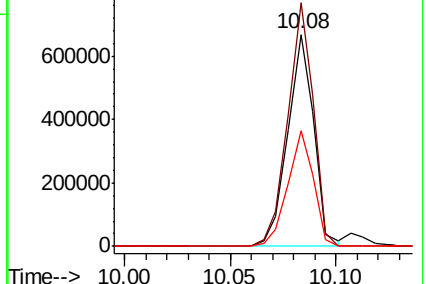
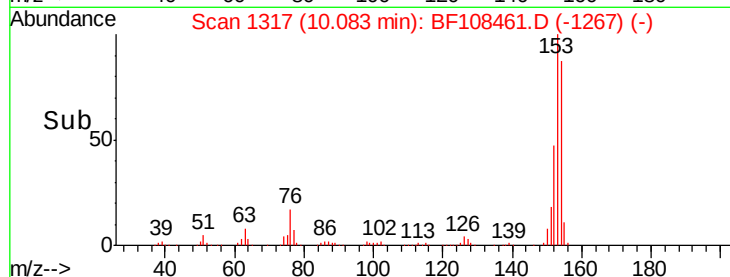
152 54.3 43.8 65.8



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: 42.115 ng

RT: 10.00 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF108461.D

Acq: 24 Aug 2018 14:10

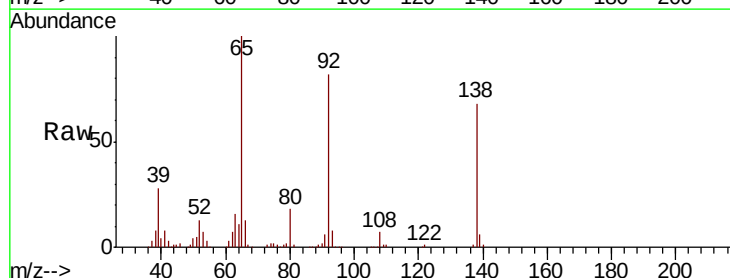
Tgt Ion:138 Resp: 173824

Ion Ratio Lower Upper

138 100

108 10.6 9.4 14.0

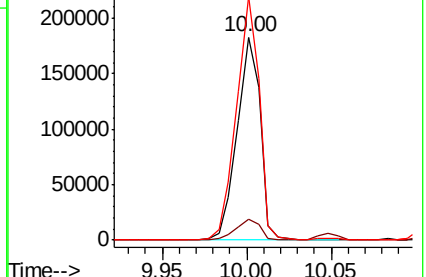
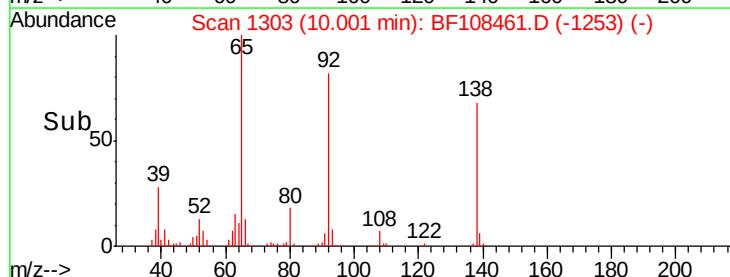
92 120.1 89.4 134.2

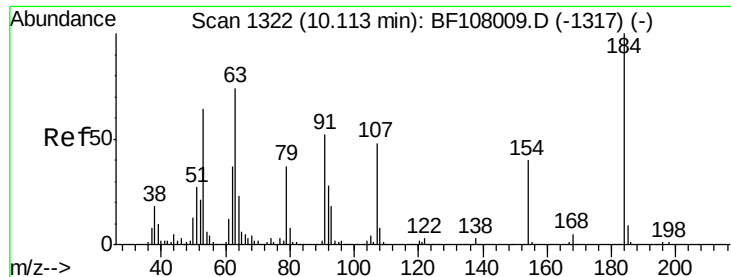


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

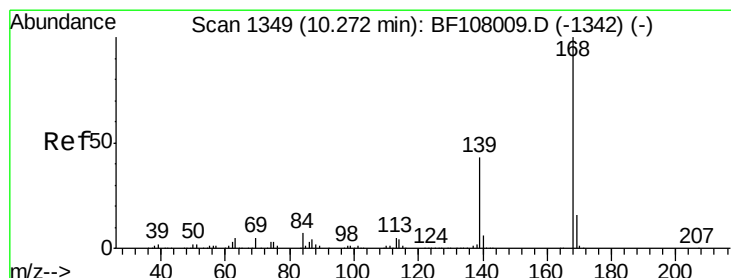
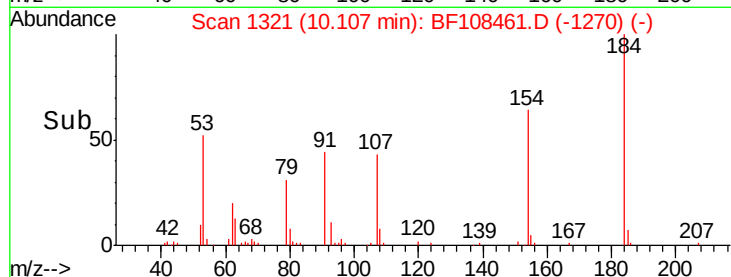
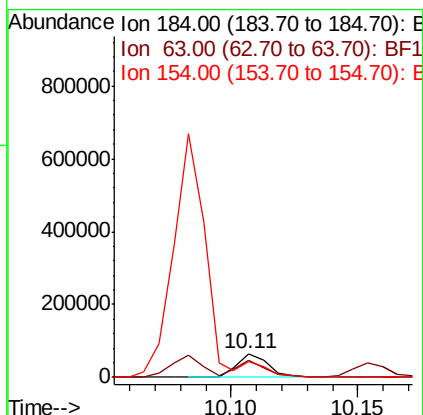
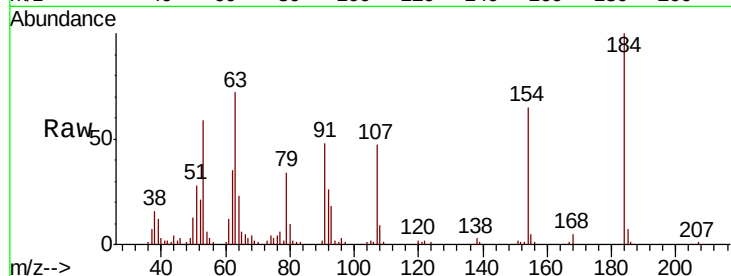




#53
 2,4-Dinitrophenol
 Concen: 43.479 ng
 RT: 10.11 min Scan# 1321
 Delta R.T. -0.00 min
 Lab File: BF108461.D
 Acq: 24 Aug 2018 14:10

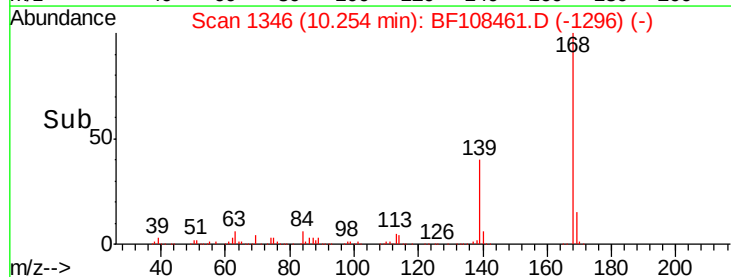
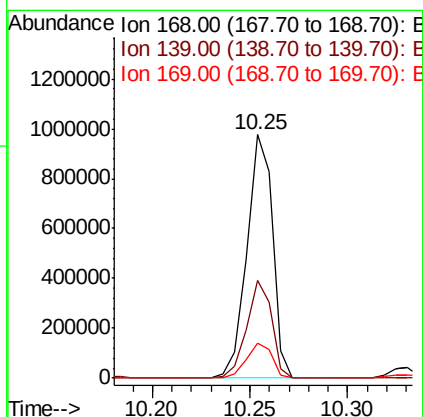
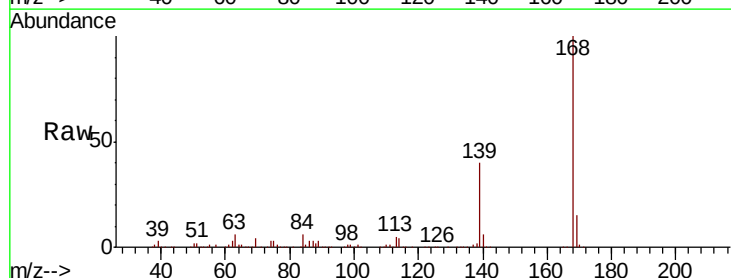
Instrument :
 BNA_F
 ClientSampleId :

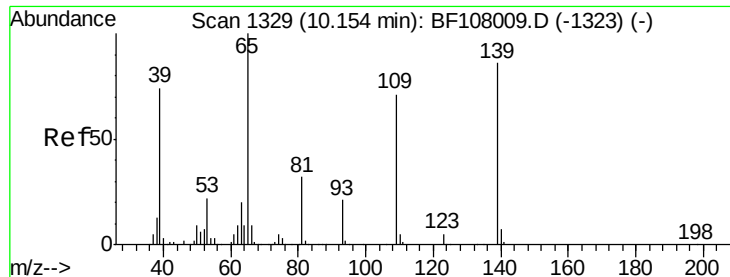
Tot Ion:184 Resp: 56421
 Ion Ratio Lower Upper
 184 100
 63 72.2 54.2 81.2
 154 64.8 184.0 276.0#



#54
 Dibenzofuran
 Concen: 42.024 ng
 RT: 10.25 min Scan# 1346
 Delta R.T. -0.01 min
 Lab File: BF108461.D
 Acq: 24 Aug 2018 14:10

Tgt Ion:168 Resp: 889230
 Ion Ratio Lower Upper
 168 100
 139 40.3 30.1 45.1
 169 14.5 10.9 16.3

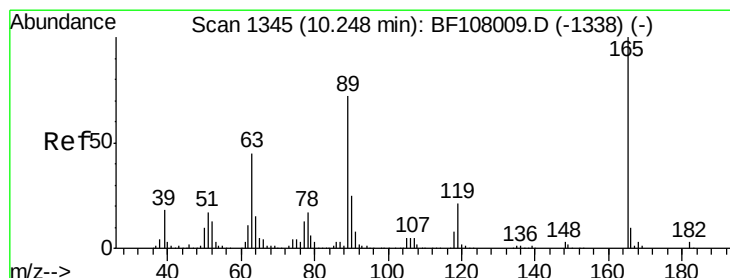
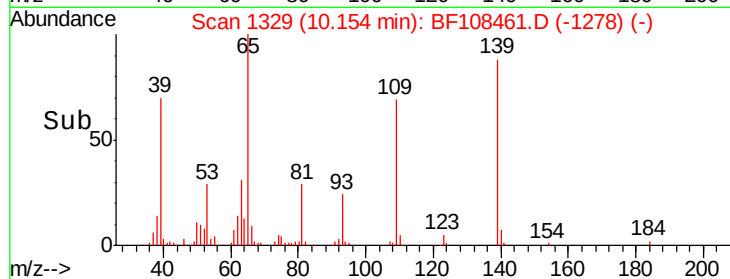
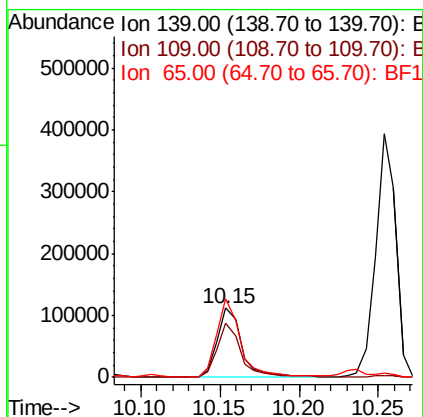
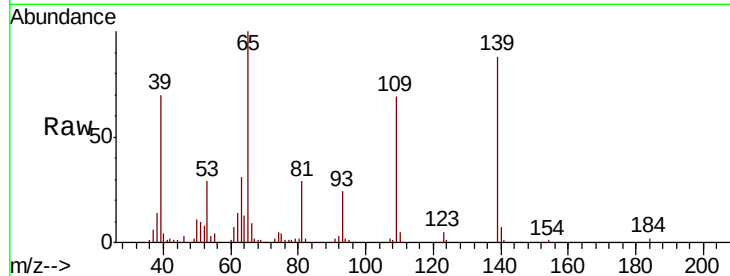




#55
4-Nitrophenol
Concen: 39.044 ng
RT: 10.15 min Scan# 1329
Delta R.T. -0.00 min
Lab File: BF108461.D
Acq: 24 Aug 2018 14:10

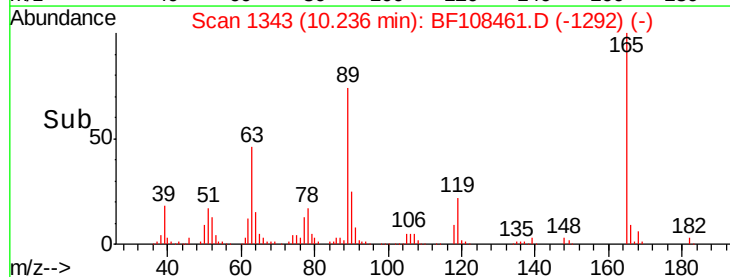
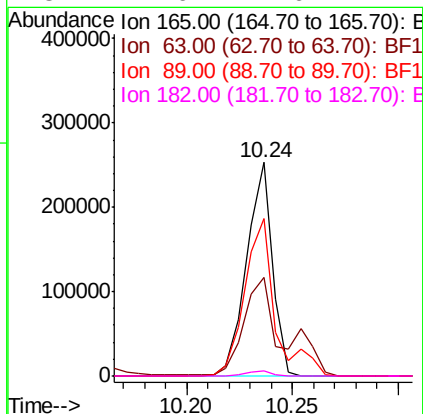
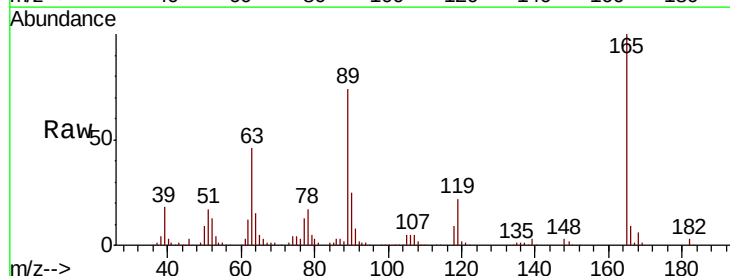
Instrument :
BNA_F
ClientSampleId :

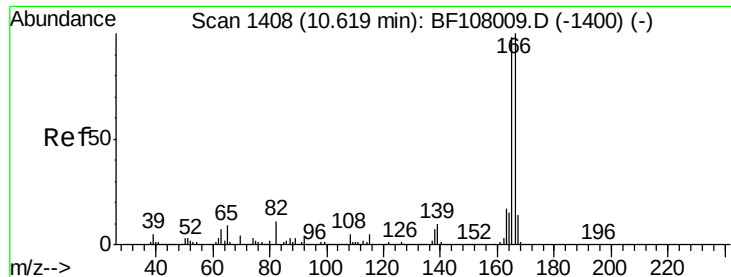
Tot Ion:139 Resp: 122031
Ion Ratio Lower Upper
139 100
109 78.3 48.4 88.4
65 113.7 72.6 112.6#



#56
2,4-Dinitrotoluene
Concen: 44.244 ng
RT: 10.24 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BF108461.D
Acq: 24 Aug 2018 14:10

Tgt Ion:165 Resp: 214832
Ion Ratio Lower Upper
165 100
63 46.1 36.4 54.6
89 73.6 57.8 86.6
182 2.6 1.6 2.4#





#57

Fluorene

Concen: 42.244 ng

RT: 10.60 min Scan# 1405

Delta R.T. -0.00 min

Lab File: BF108461.D

Acq: 24 Aug 2018 14:10

Instrument :

BNA_F

ClientSampleId :

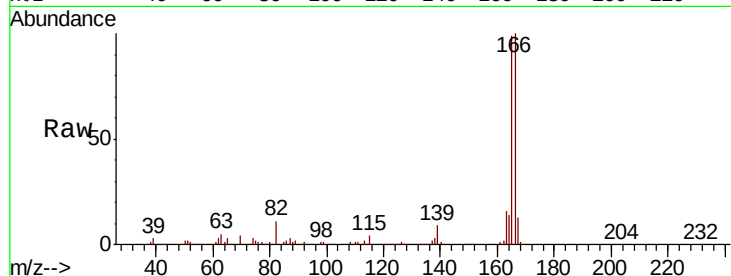
Tot Ion:166 Resp: 707609

Ion Ratio Lower Upper

166 100

165 98.6 79.8 119.8

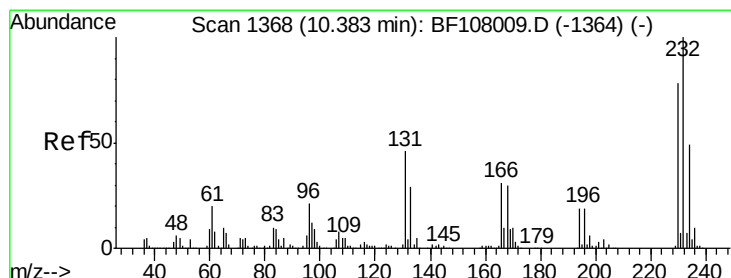
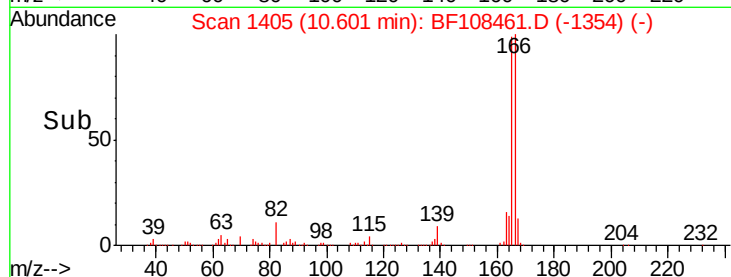
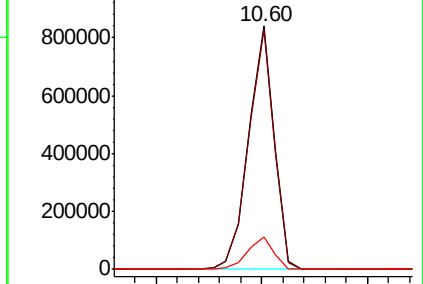
167 13.4 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 43.111 ng

RT: 10.37 min Scan# 1366

Delta R.T. -0.00 min

Lab File: BF108461.D

Acq: 24 Aug 2018 14:10

Tgt Ion:232 Resp: 195655

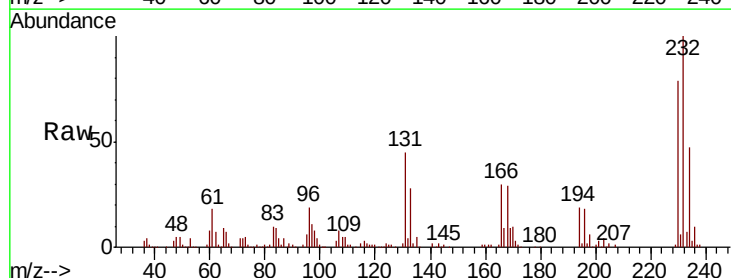
Ion Ratio Lower Upper

232 100

131 42.8 43.8 65.8#

130 2.1 2.1 3.1

166 29.0 27.8 41.6

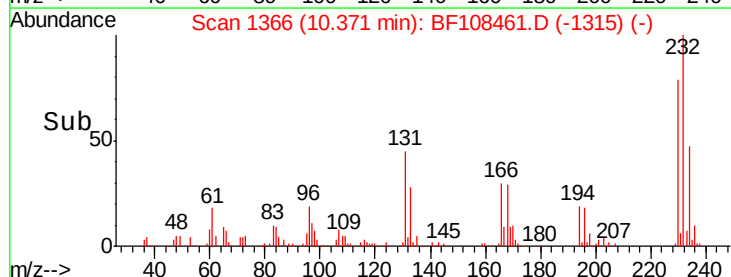
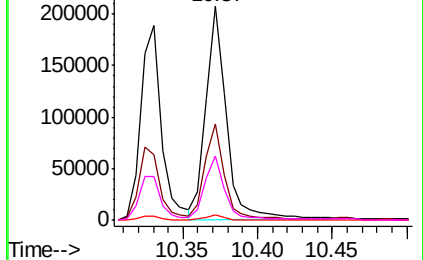


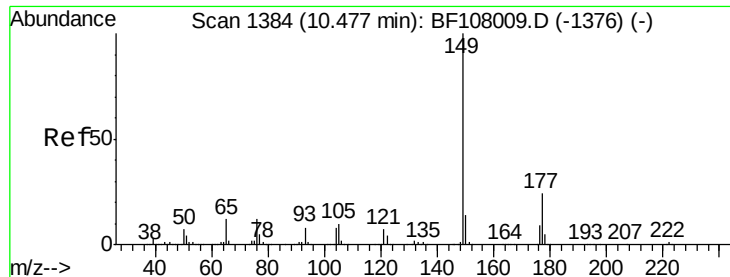
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

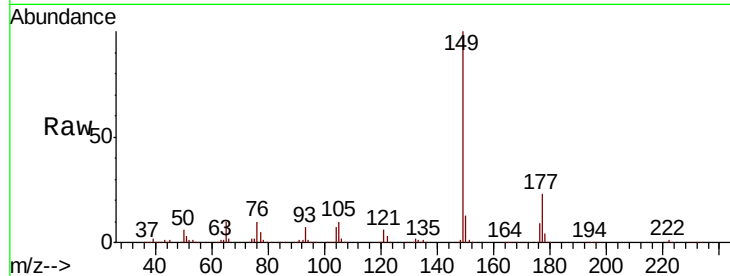




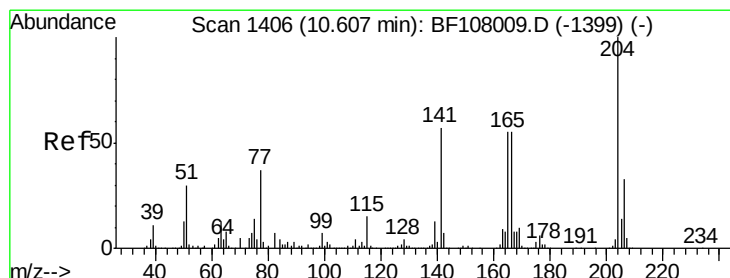
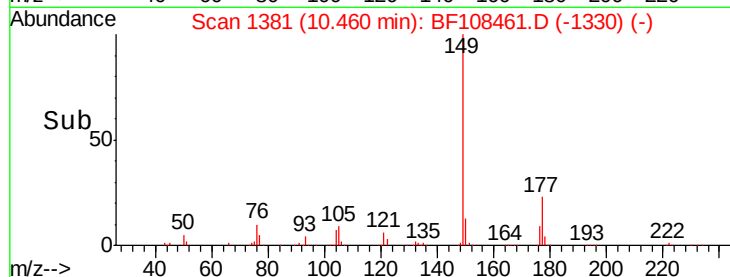
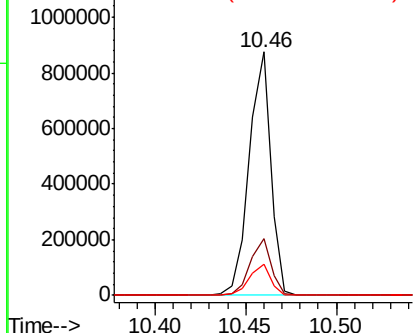
#59
Diethylphthalate
Concen: 41.640 ng
RT: 10.46 min Scan# 1381
Delta R.T. -0.00 min
Lab File: BF108461.D
Acq: 24 Aug 2018 14:10

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 727003
Ion Ratio Lower Upper
149 100
177 23.4 16.1 24.1
150 13.0 10.1 15.1

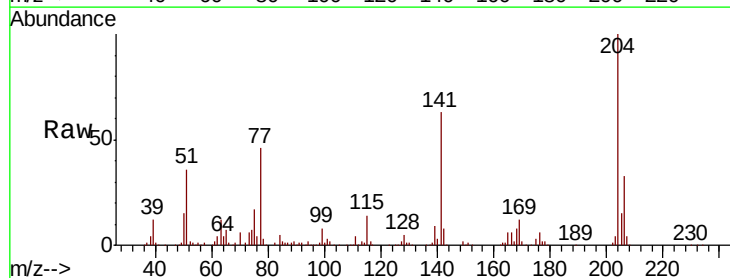


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

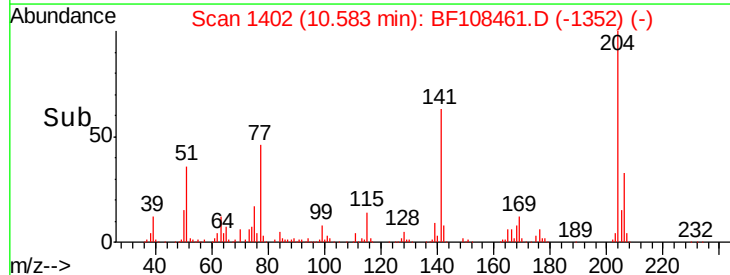
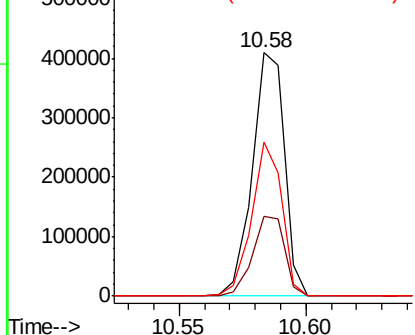


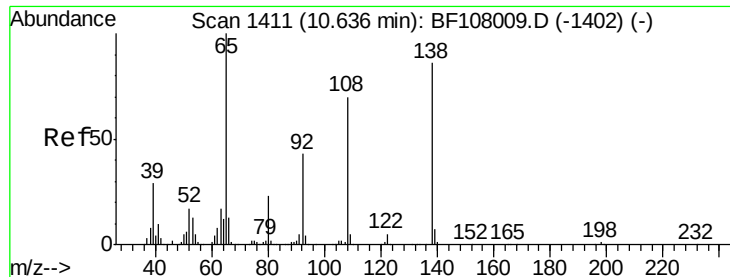
#60
4-Chlorophenyl-phenylether
Concen: 41.531 ng
RT: 10.58 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF108461.D
Acq: 24 Aug 2018 14:10

Tgt Ion:204 Resp: 362497
Ion Ratio Lower Upper
204 100
206 32.8 26.5 39.7
141 63.2 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

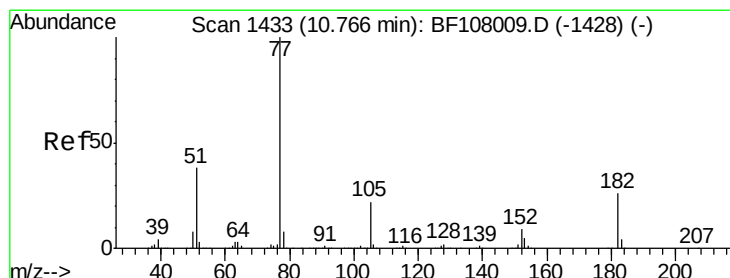
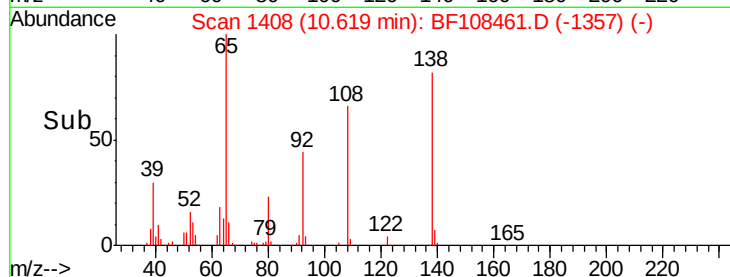
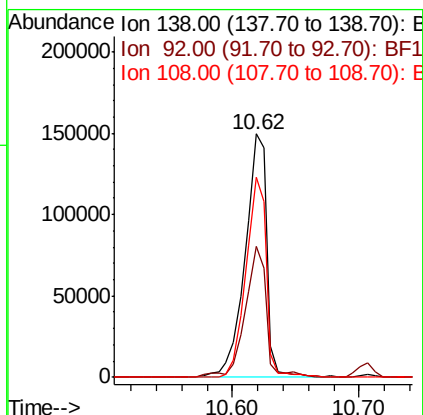
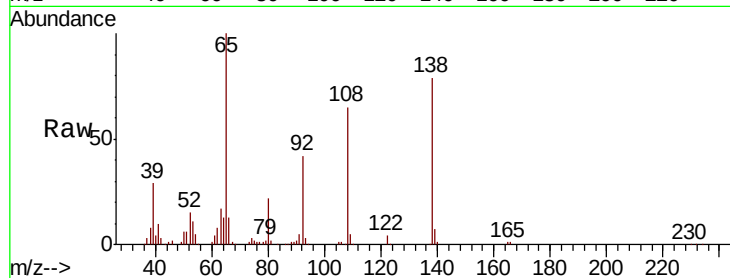




#61
4-Nitroaniline
Concen: 43.886 ng
RT: 10.62 min Scan# 1408
Delta R.T. -0.00 min
Lab File: BF108461.D
Acq: 24 Aug 2018 14:10

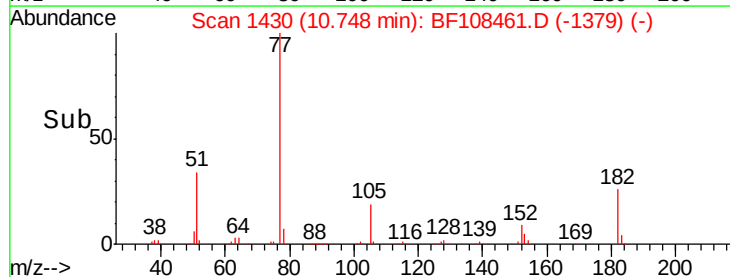
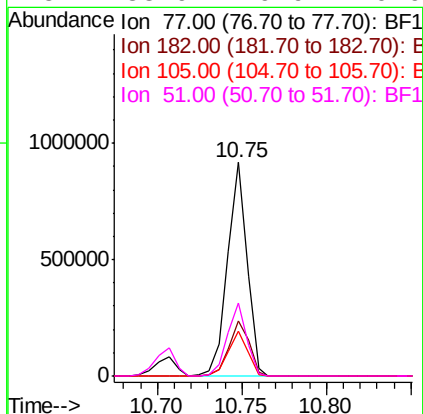
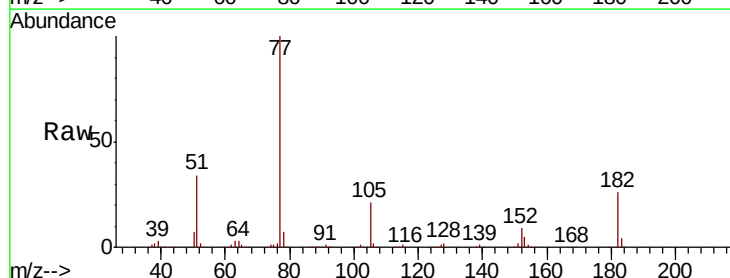
Instrument :
BNA_F
ClientSampled :

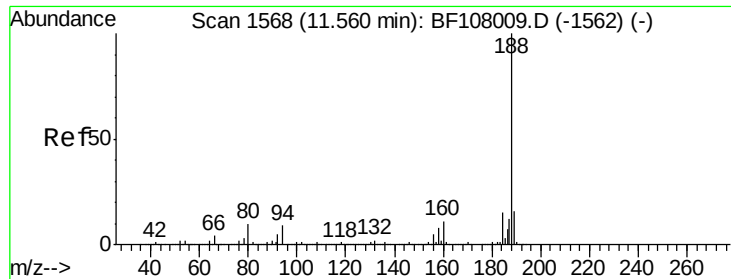
Tot Ion:138 Resp: 179082
Ion Ratio Lower Upper
138 100
92 53.5 30.2 70.2
108 82.1 52.5 92.5



#62
Azobenzene
Concen: 40.692 ng
RT: 10.75 min Scan# 1430
Delta R.T. -0.00 min
Lab File: BF108461.D
Acq: 24 Aug 2018 14:10

Tgt Ion: 77 Resp: 733713
Ion Ratio Lower Upper
77 100
182 26.0 1.7 41.7
105 20.9 3.0 43.0
51 33.9 9.9 49.9

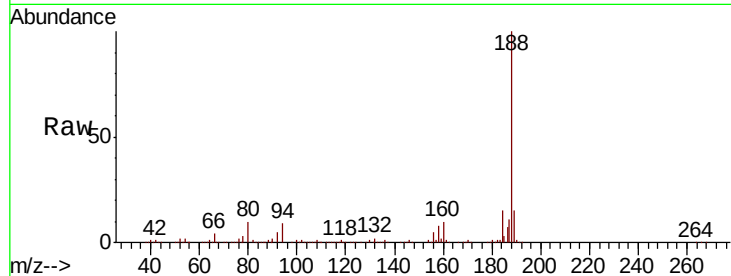




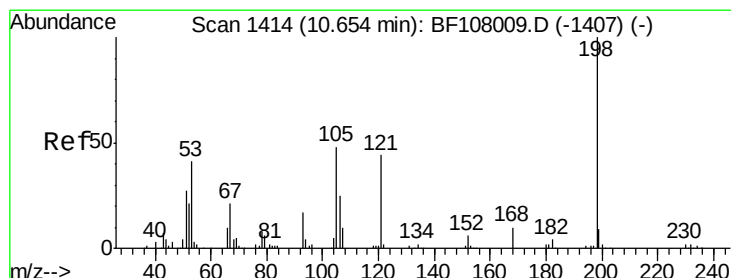
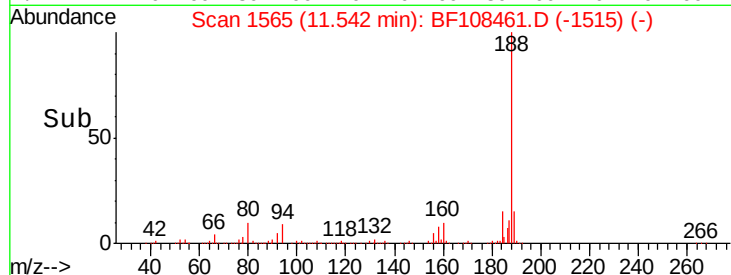
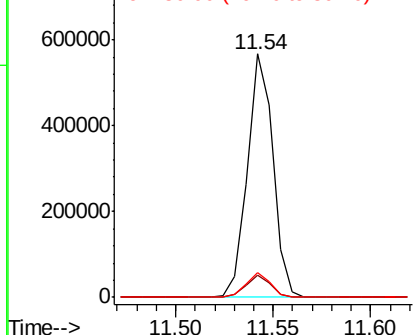
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF108461.D
Acq: 24 Aug 2018 14:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 515034
Ion Ratio Lower Upper
188 100
94 9.3 8.5 12.7
80 10.0 9.2 13.8

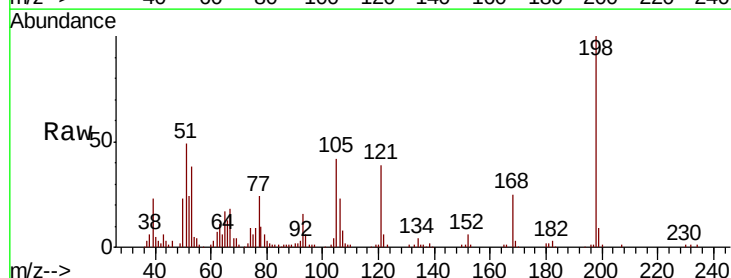


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

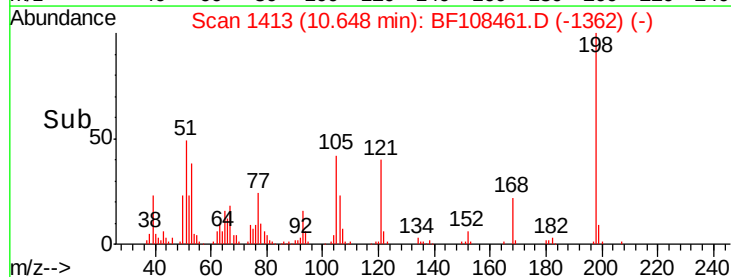
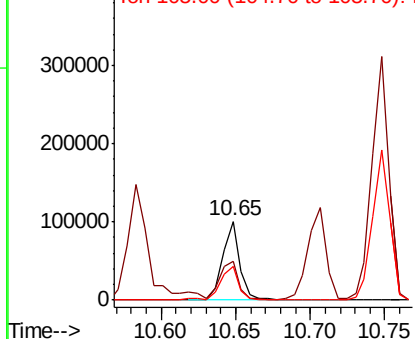


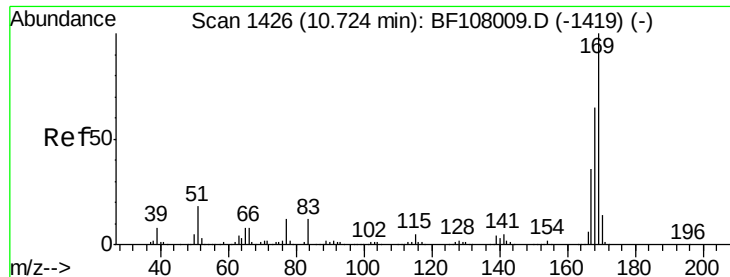
#64
4,6-Dinitro-2-methylphenol
Concen: 42.919 ng
RT: 10.65 min Scan# 1413
Delta R.T. -0.00 min
Lab File: BF108461.D
Acq: 24 Aug 2018 14:10

Tgt Ion:198 Resp: 81755
Ion Ratio Lower Upper
198 100
51 48.9 37.7 77.7
105 42.2 36.3 76.3



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

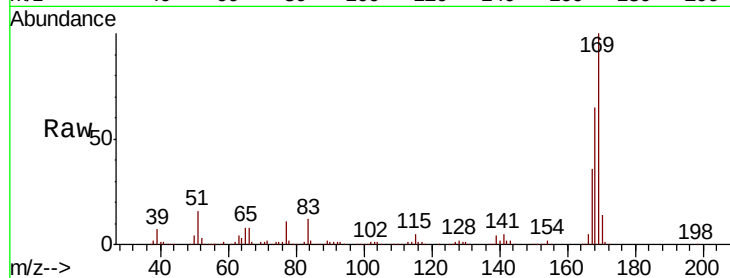




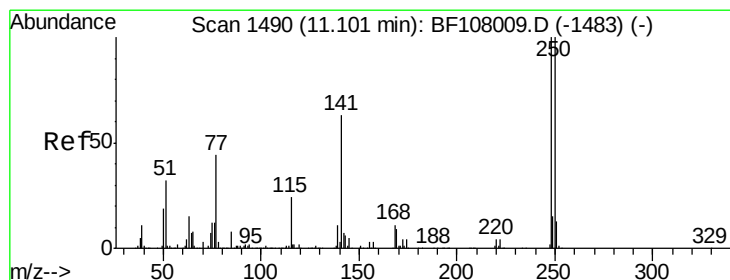
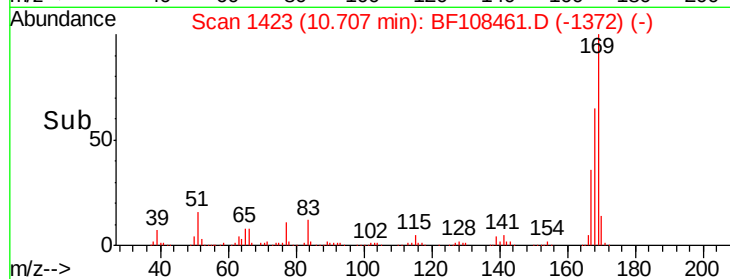
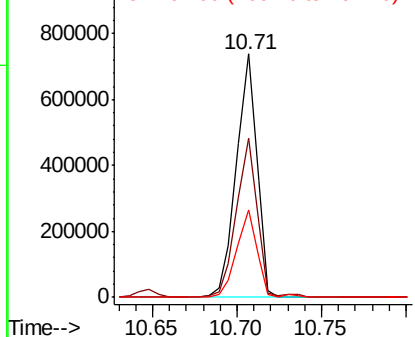
#65
 n-Nitrosodiphenylamine
 Concen: 41.212 ng
 RT: 10.71 min Scan# 1423
 Delta R.T. -0.00 min
 Lab File: BF108461.D
 Acq: 24 Aug 2018 14:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
169	100		
168	65.2	54.4	81.6
167	36.2	29.8	44.6

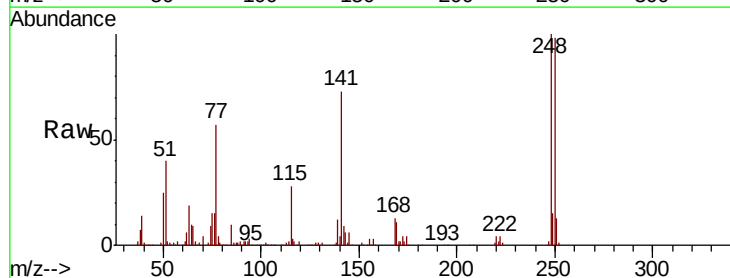


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

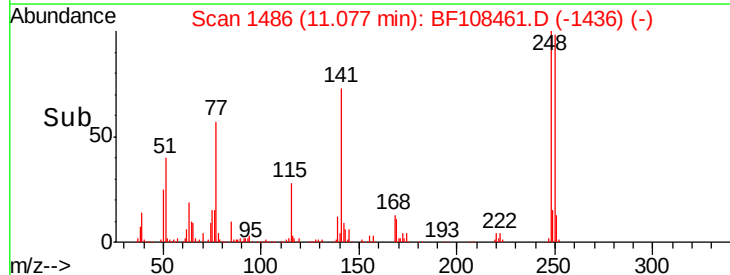
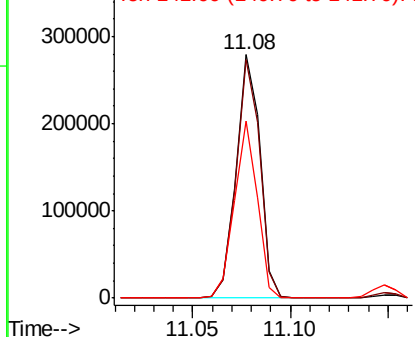


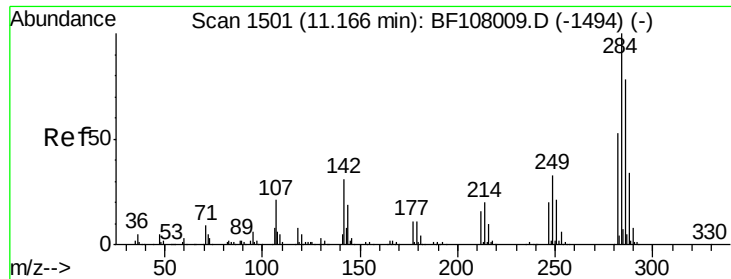
#66
 4-Bromophenyl-phenylether
 Concen: 42.414 ng
 RT: 11.08 min Scan# 1486
 Delta R.T. -0.01 min
 Lab File: BF108461.D
 Acq: 24 Aug 2018 14:10

Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.0	76.9	115.3
141	72.6	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: 41.877 ng

RT: 11.15 min Scan# 1498

Delta R.T. -0.01 min

Lab File: BF108461.D

Acq: 24 Aug 2018 14:10

Instrument :

BNA_F

ClientSampleId :

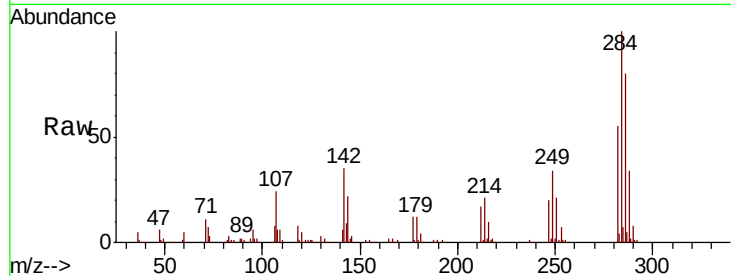
Tot Ion:284 Resp: 246615

Ion Ratio Lower Upper

284 100

142 34.8 34.6 52.0

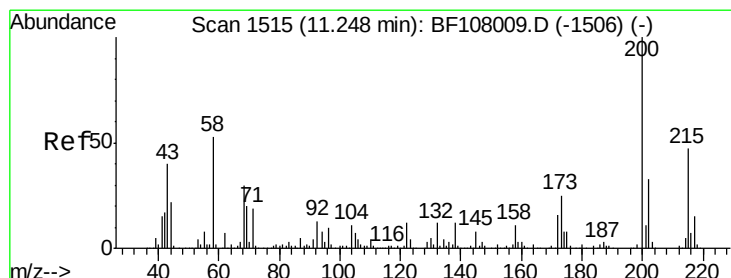
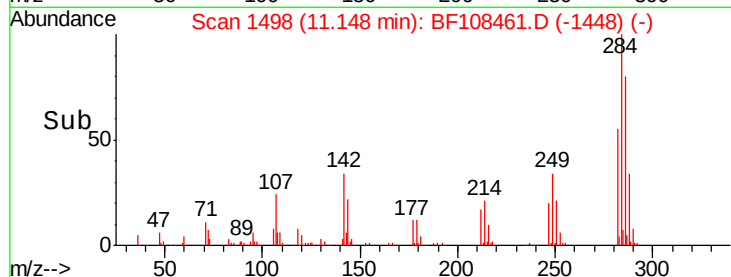
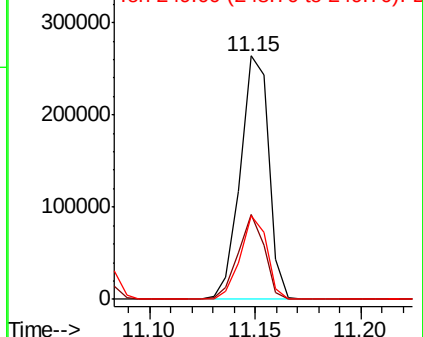
249 34.3 24.8 37.2



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: 42.813 ng

RT: 11.23 min Scan# 1512

Delta R.T. -0.00 min

Lab File: BF108461.D

Acq: 24 Aug 2018 14:10

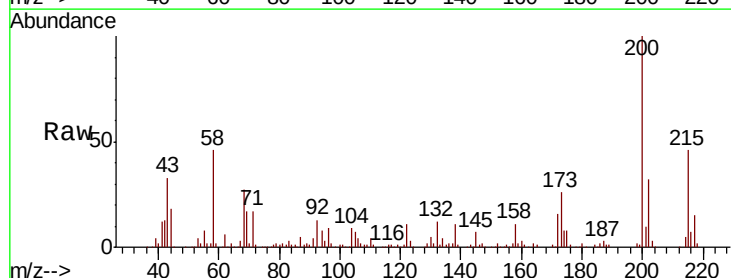
Tgt Ion:200 Resp: 218550

Ion Ratio Lower Upper

200 100

173 25.7 8.6 48.6

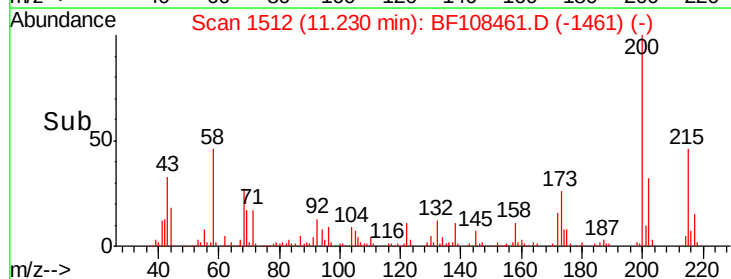
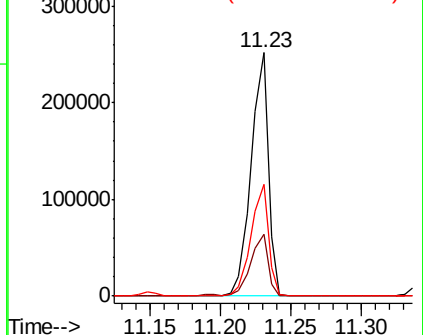
215 46.0 25.1 65.1

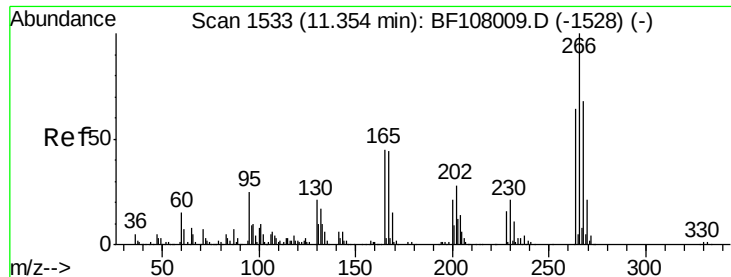


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

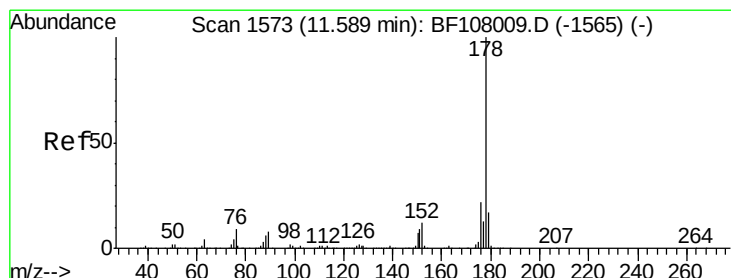
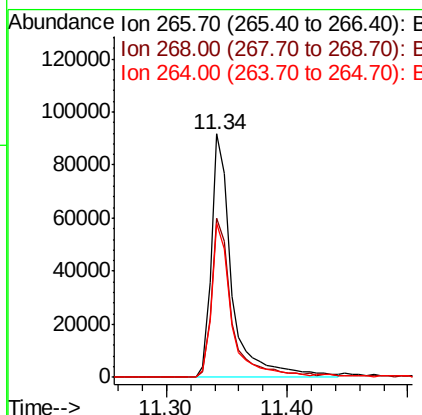
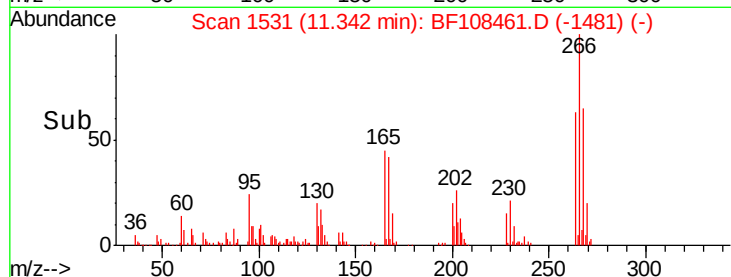
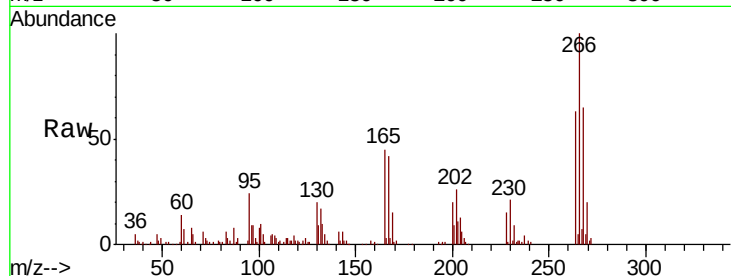




#69
 Pentachlorophenol
 Concen: 38.127 ng
 RT: 11.34 min Scan# 1531
 Delta R.T. -0.01 min
 Lab File: BF108461.D
 Acq: 24 Aug 2018 14:10

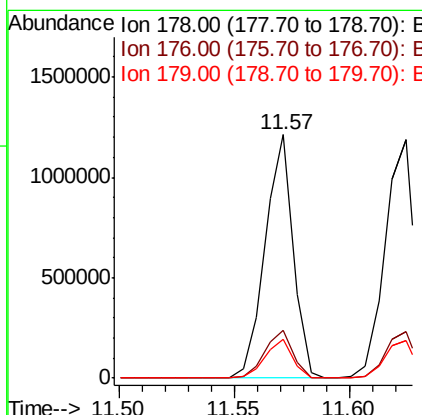
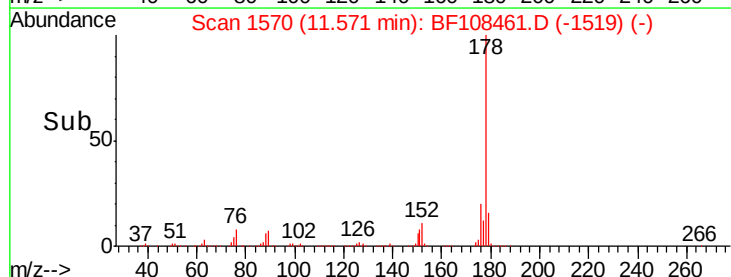
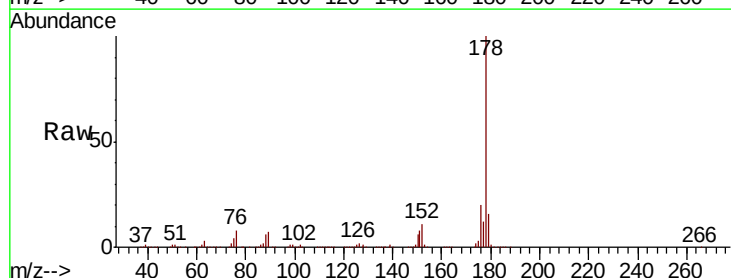
Instrument :
 BNA_F
 ClientSampled :

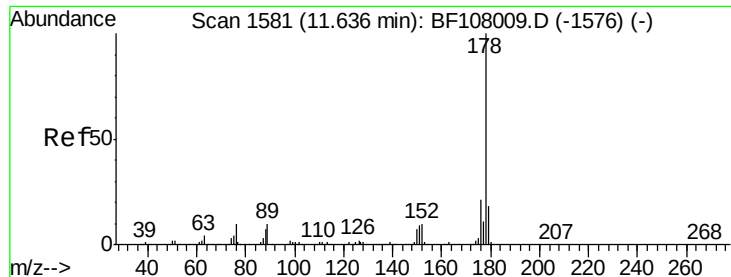
Tot Ion:266 Resp: 107469
 Ion Ratio Lower Upper
 266 100
 268 65.3 51.1 76.7
 264 63.2 49.5 74.3



#70
 Phenanthrene
 Concen: 42.206 ng
 RT: 11.57 min Scan# 1570
 Delta R.T. -0.00 min
 Lab File: BF108461.D
 Acq: 24 Aug 2018 14:10

Tgt Ion:178 Resp: 1025278
 Ion Ratio Lower Upper
 178 100
 176 19.9 15.8 23.8
 179 15.8 13.0 19.6



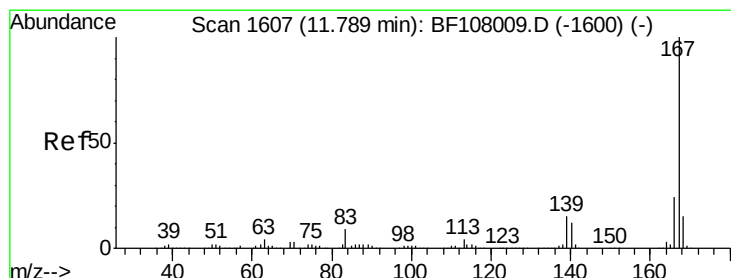
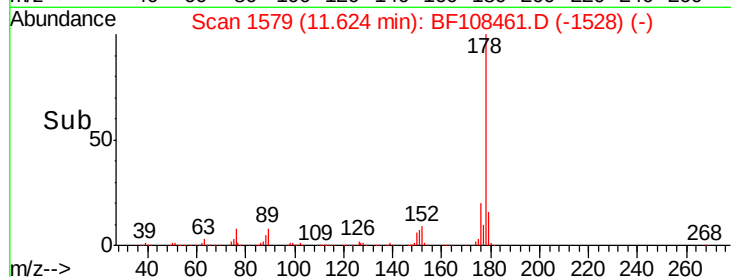
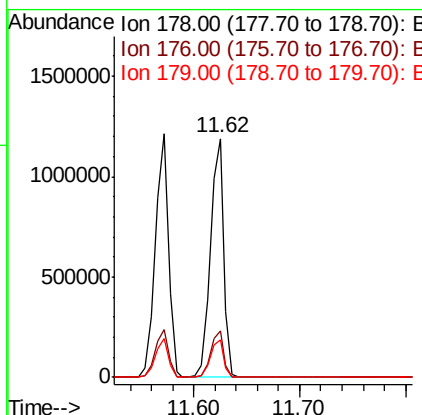
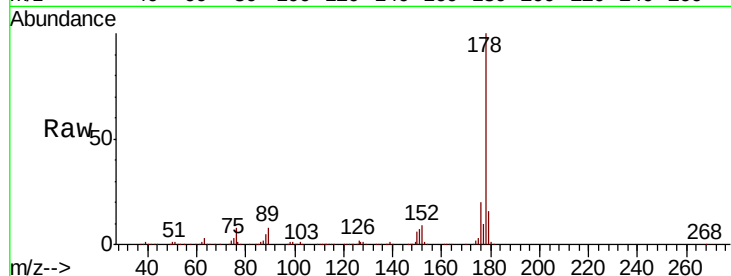


#71
 Anthracene
 Concen: 42.495 ng
 RT: 11.62 min Scan# 1579
 Delta R.T. -0.00 min
 Lab File: BF108461.D
 Acq: 24 Aug 2018 14:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 1058027

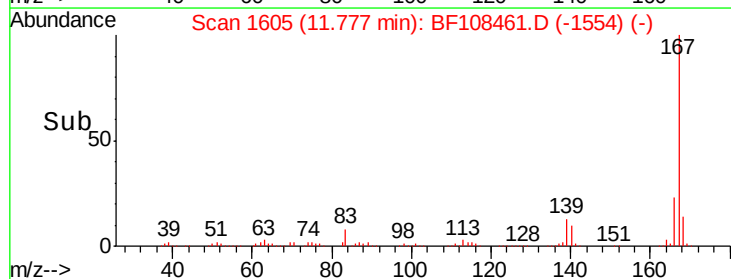
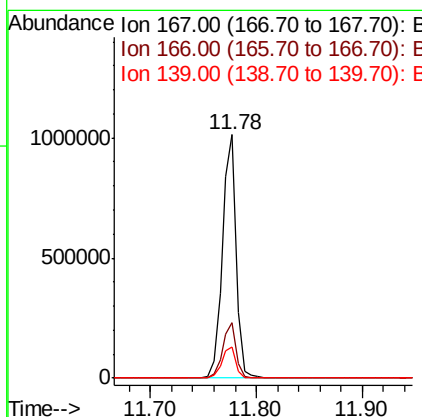
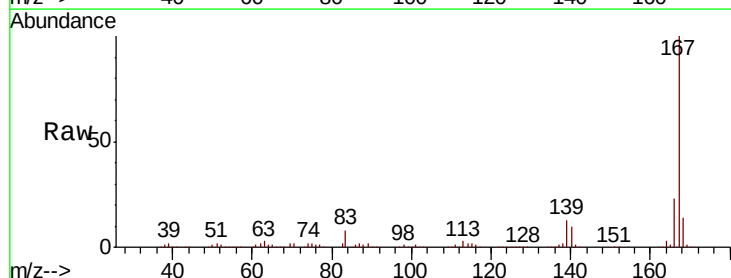
Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.4	23.2
179	15.7	12.6	19.0

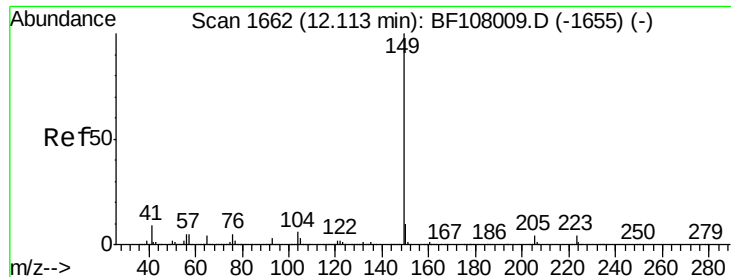


#72
 Carbazole
 Concen: 41.824 ng
 RT: 11.78 min Scan# 1605
 Delta R.T. -0.00 min
 Lab File: BF108461.D
 Acq: 24 Aug 2018 14:10

Tgt Ion:167 Resp: 925204

Ion	Ratio	Lower	Upper
167	100		
166	22.5	17.6	26.4
139	13.0	10.9	16.3





#73

Di-n-butylphthalate

Concen: 44.961 ng

RT: 12.09 min Scan# 1658

Delta R.T. -0.00 min

Lab File: BF108461.D

Acq: 24 Aug 2018 14:10

Instrument :

BNA_F

ClientSampleId :

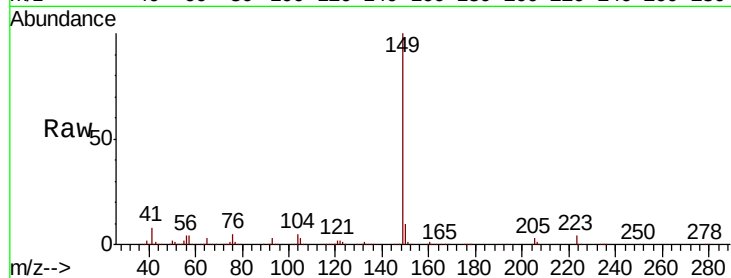
Tot Ion:149 Resp: 1126547

Ion Ratio Lower Upper

149 100

150 9.6 7.8 11.6

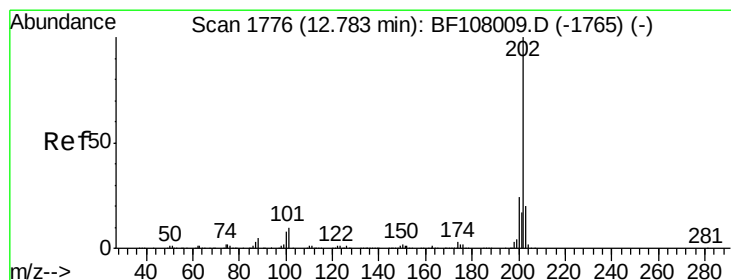
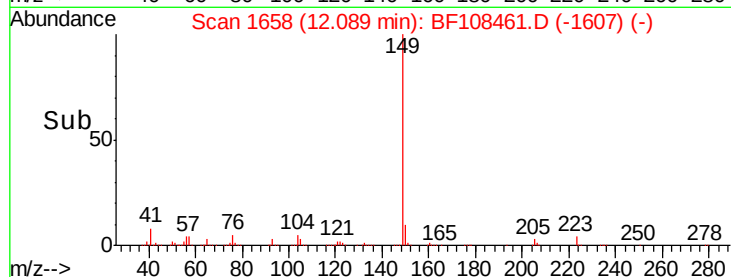
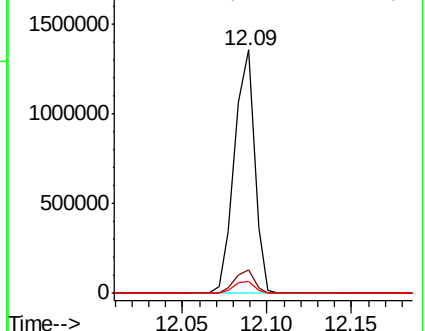
104 5.0 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 42.024 ng

RT: 12.77 min Scan# 1773

Delta R.T. -0.00 min

Lab File: BF108461.D

Acq: 24 Aug 2018 14:10

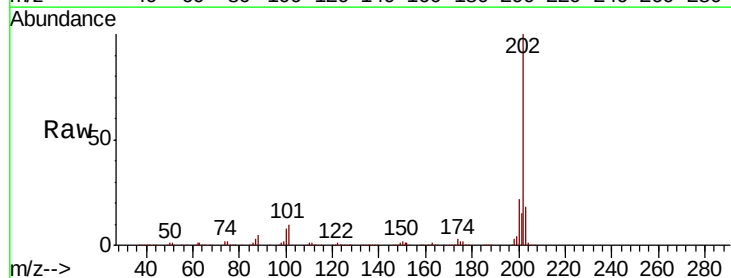
Tgt Ion:202 Resp: 1114152

Ion Ratio Lower Upper

202 100

101 10.4 0.0 34.1

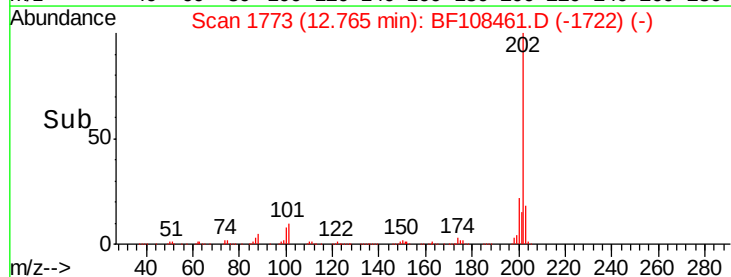
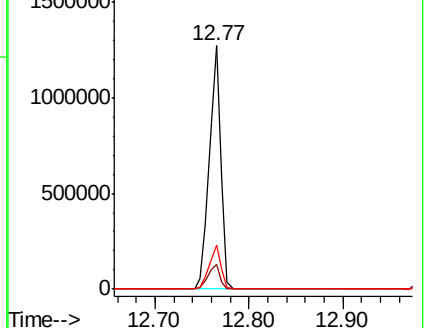
203 17.9 0.0 38.1

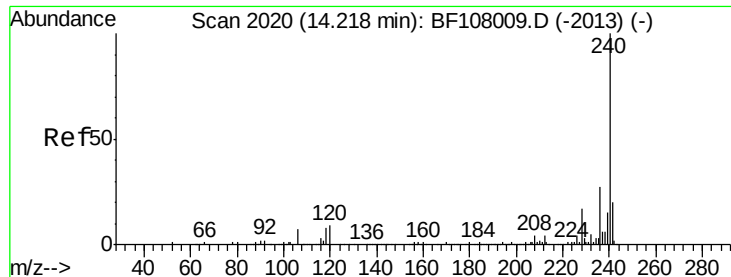


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.20 min Scan# 2017

Delta R.T. -0.00 min

Lab File: BF108461.D

Acq: 24 Aug 2018 14:10

Instrument :

BNA_F

ClientSampleId :

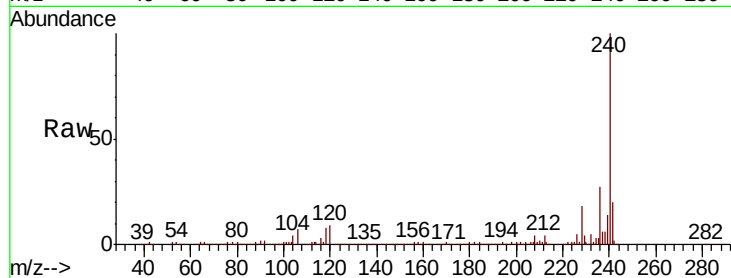
Tot Ion:240 Resp: 378984

Ion Ratio Lower Upper

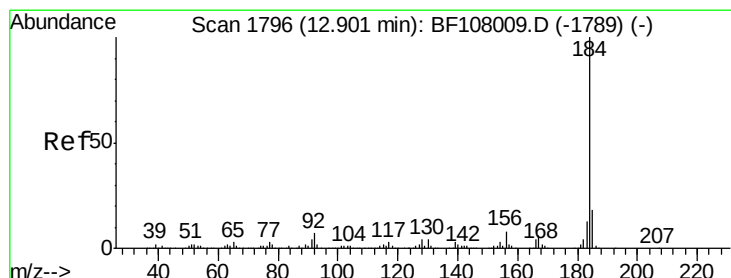
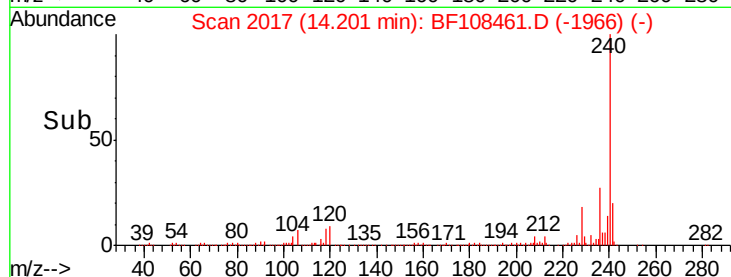
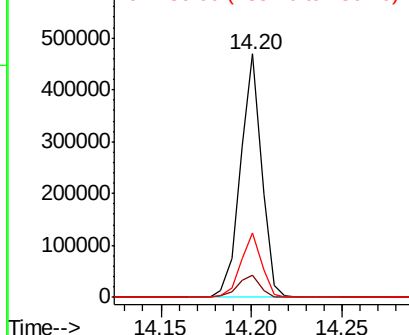
240 100

120 9.0 9.5 14.3#

236 26.6 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 46.294 ng

RT: 12.88 min Scan# 1793

Delta R.T. -0.00 min

Lab File: BF108461.D

Acq: 24 Aug 2018 14:10

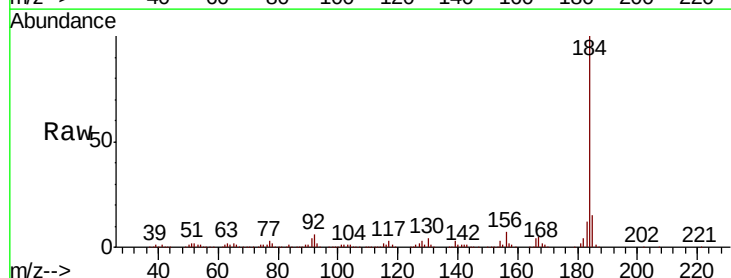
Tgt Ion:184 Resp: 655519

Ion Ratio Lower Upper

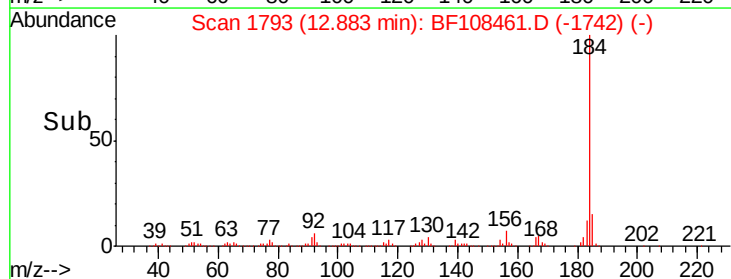
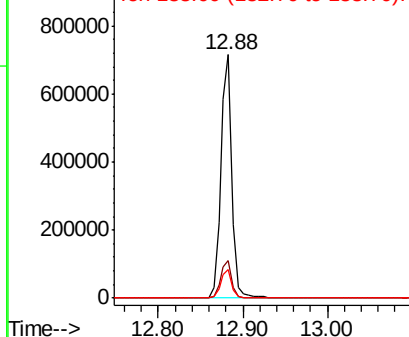
184 100

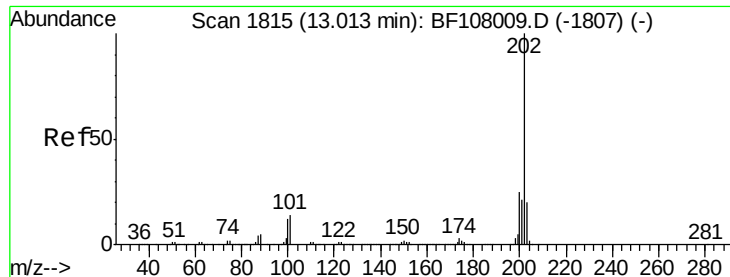
185 15.4 12.6 18.8

183 11.9 9.3 13.9



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

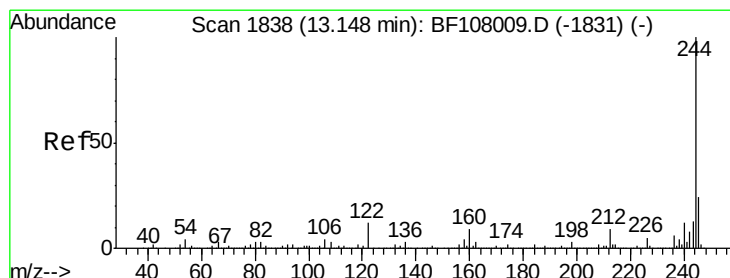
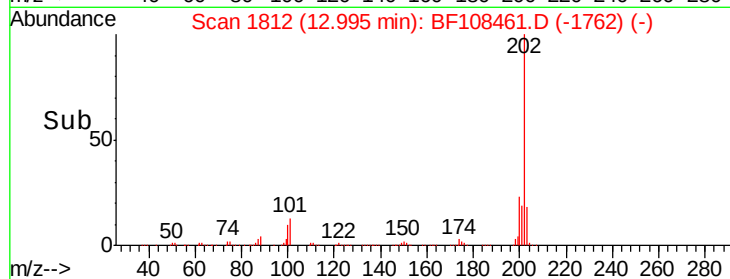
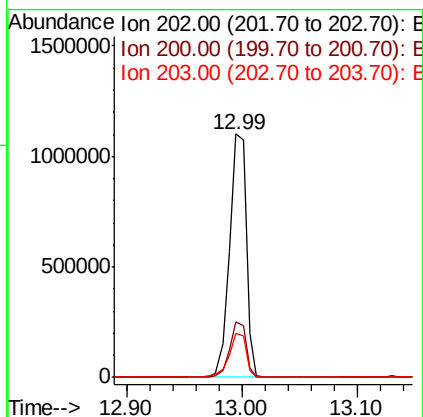
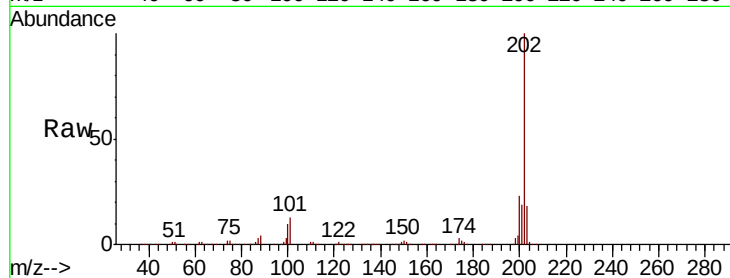




#77
Pvrene
Concen: 46.299 ng
RT: 12.99 min Scan# 1812
Delta R.T. -0.01 min
Lab File: BF108461.D
Acq: 24 Aug 2018 14:10

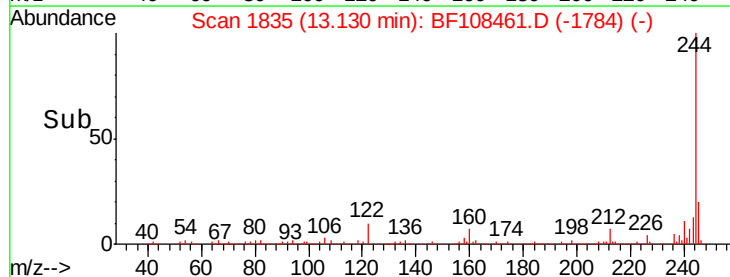
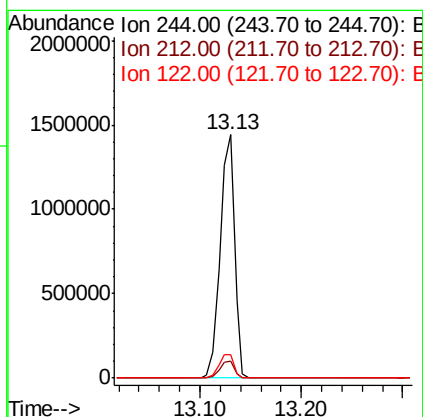
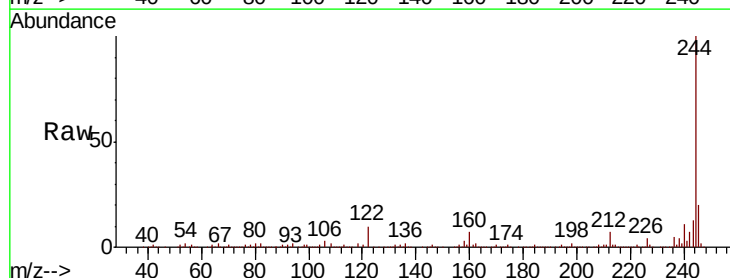
Instrument :
BNA_F
ClientSampled :

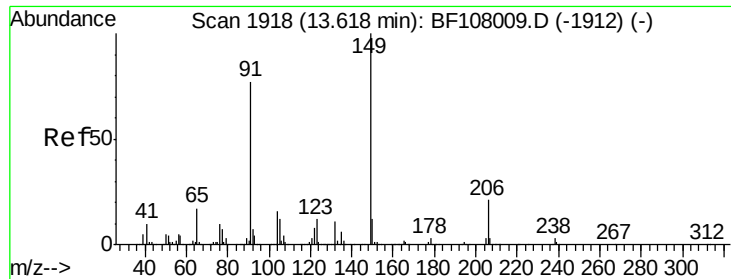
Tot Ion:202 Resp: 1110885
Ion Ratio Lower Upper
202 100
200 22.6 17.4 26.2
203 18.2 14.3 21.5



#78
Terphenyl-d14
Concen: 95.289 ng
RT: 13.13 min Scan# 1835
Delta R.T. -0.00 min
Lab File: BF108461.D
Acq: 24 Aug 2018 14:10

Tgt Ion:244 Resp: 1420337
Ion Ratio Lower Upper
244 100
212 7.2 5.4 8.0
122 9.6 11.0 16.4#





#79

Butylbenzylphthalate

Concen: 47.840 ng

RT: 13.59 min Scan# 1914

Delta R.T. -0.01 min

Lab File: BF108461.D

Acq: 24 Aug 2018 14:10

Instrument :

BNA_F

ClientSampleId :

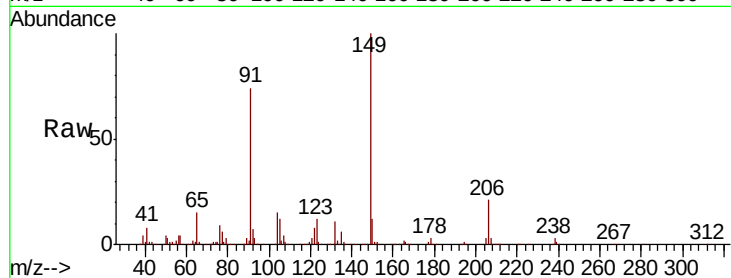
Tot Ion:149 Resp: 455799

Ion Ratio Lower Upper

149 100

91 73.6 56.8 85.2

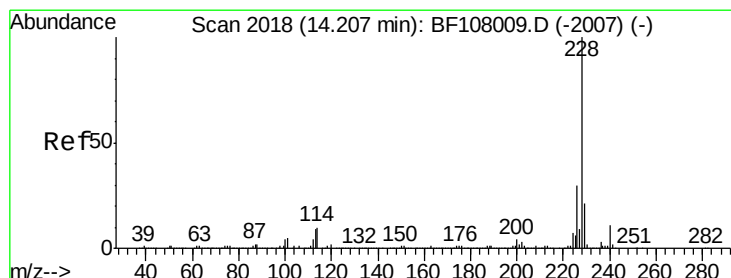
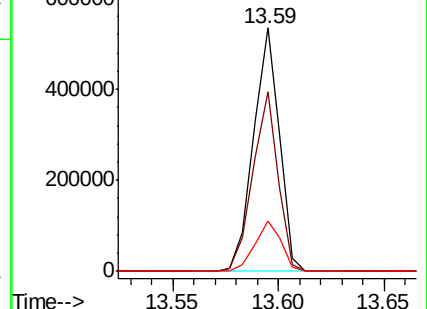
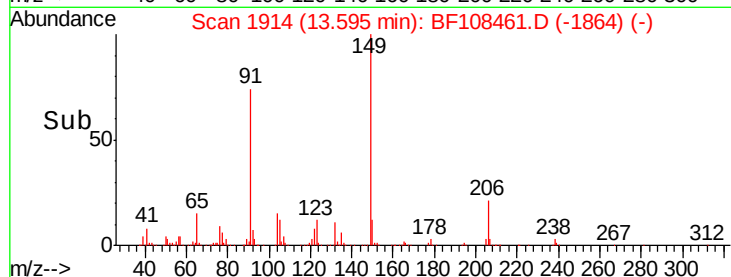
206 20.9 14.1 21.1



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: 42.304 ng

RT: 14.19 min Scan# 2015

Delta R.T. -0.00 min

Lab File: BF108461.D

Acq: 24 Aug 2018 14:10

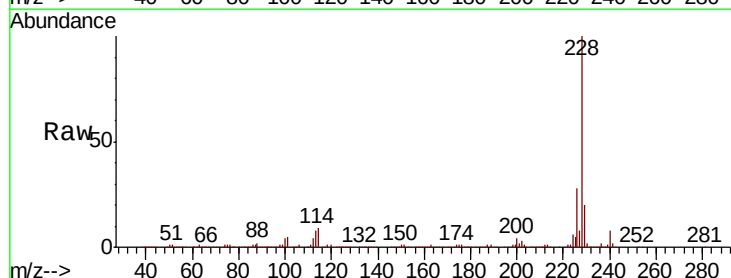
Tgt Ion:228 Resp: 920111

Ion Ratio Lower Upper

228 100

226 28.3 22.6 33.8

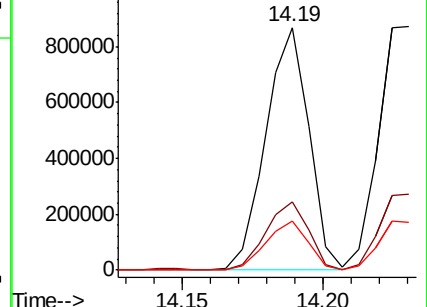
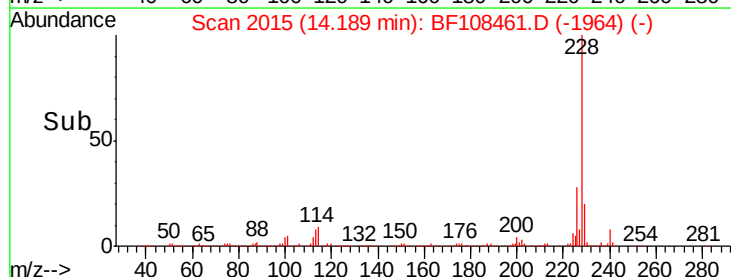
229 20.4 15.8 23.6

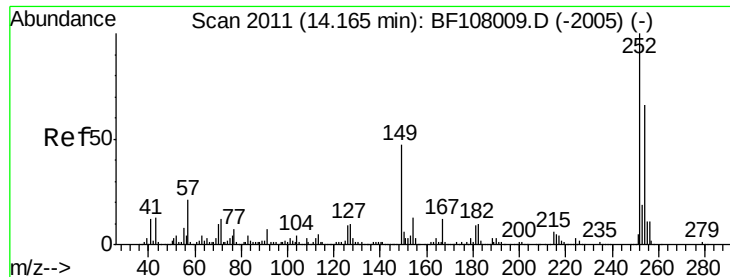


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

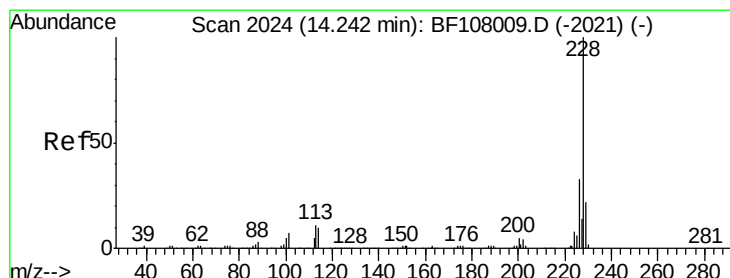
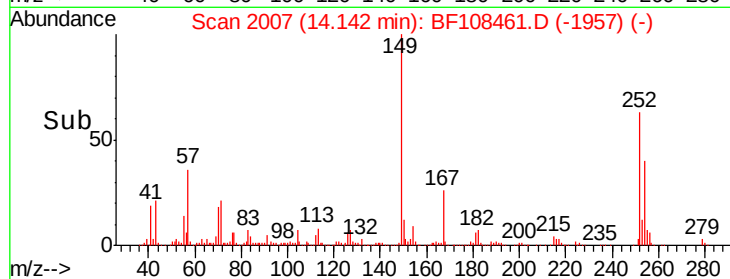
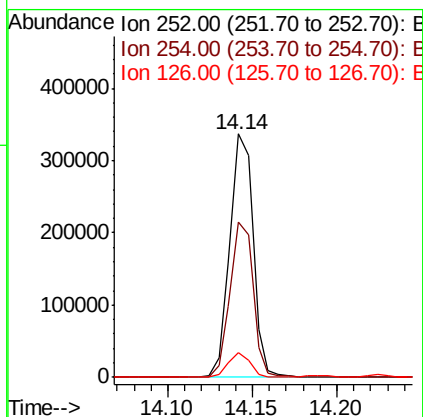
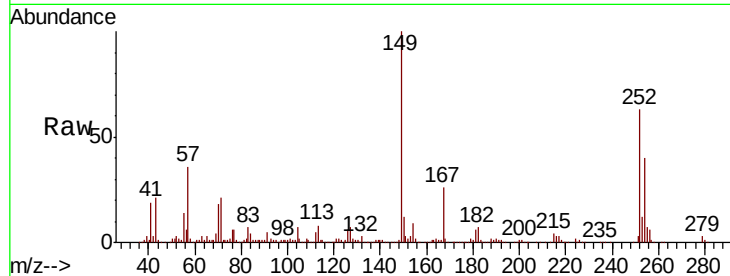




#81
 3,3'-Dichlorobenzidine
 Concen: 41.463 ng
 RT: 14.14 min Scan# 2007
 Delta R.T. -0.01 min
 Lab File: BF108461.D
 Acq: 24 Aug 2018 14:10

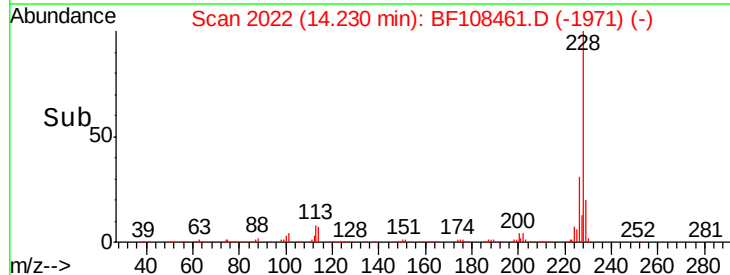
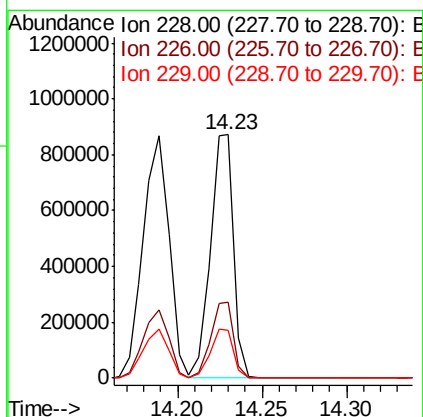
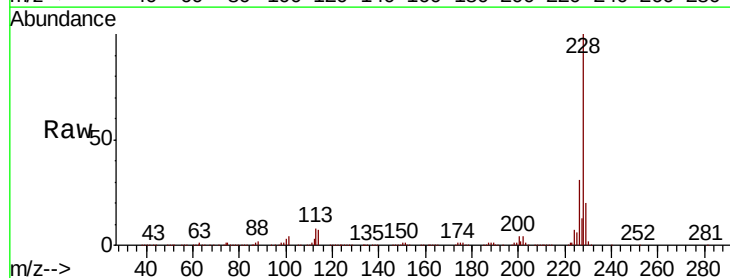
Instrument :
 BNA_F
 ClientSampleId :

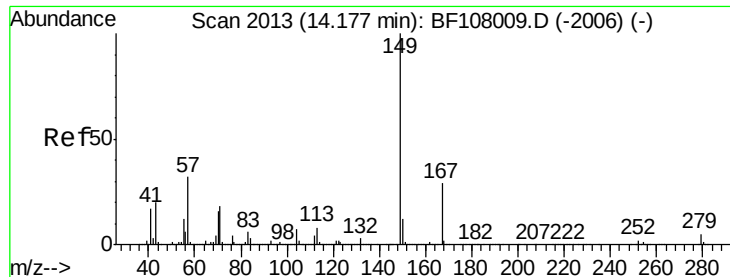
Tot Ion	Ratio	Lower	Upper
252	100		
254	63.7	50.4	75.6
126	10.3	11.3	16.9#



#82
 Chrysene
 Concen: 41.920 ng
 RT: 14.23 min Scan# 2022
 Delta R.T. -0.00 min
 Lab File: BF108461.D
 Acq: 24 Aug 2018 14:10

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.0	37.6
229	19.6	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 45.465 ng

RT: 14.15 min Scan# 2008

Delta R.T. -0.00 min

Lab File: BF108461.D

Acq: 24 Aug 2018 14:10

Instrument :

BNA_F

ClientSampled :

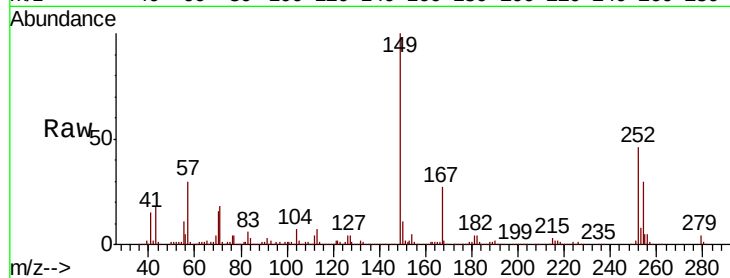
Tot Ion:149 Resp: 586593

Ion Ratio Lower Upper

149 100

167 26.6 21.3 31.9

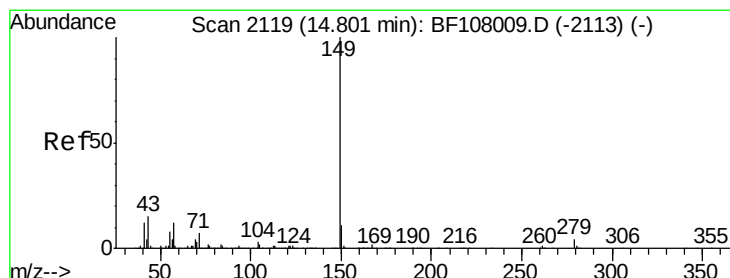
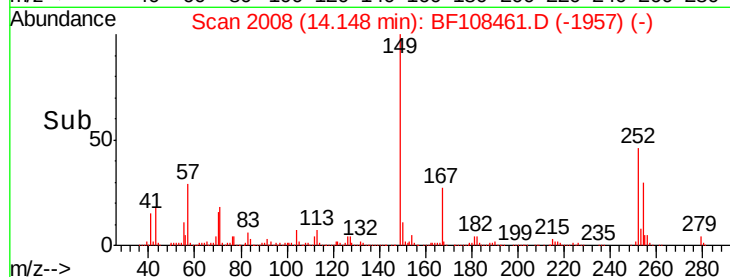
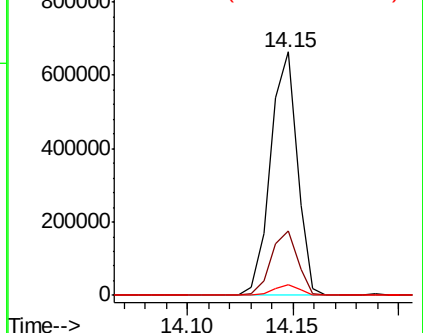
279 4.5 3.0 4.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 45.923 ng

RT: 14.77 min Scan# 2114

Delta R.T. -0.01 min

Lab File: BF108461.D

Acq: 24 Aug 2018 14:10

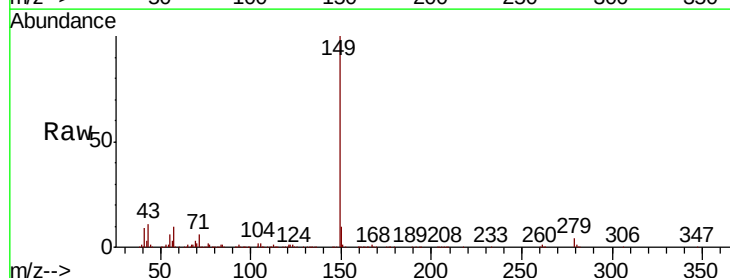
Tgt Ion:149 Resp: 903618

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

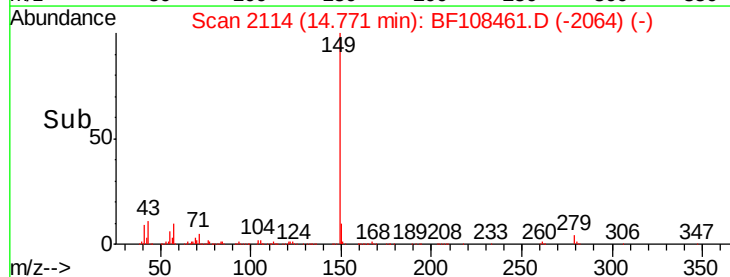
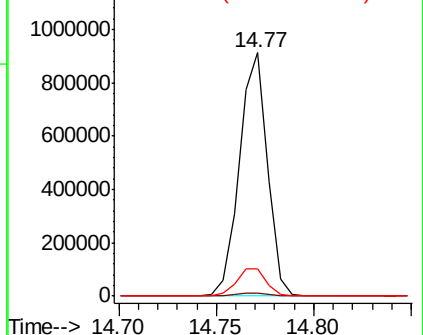
43 11.8 8.4 12.6

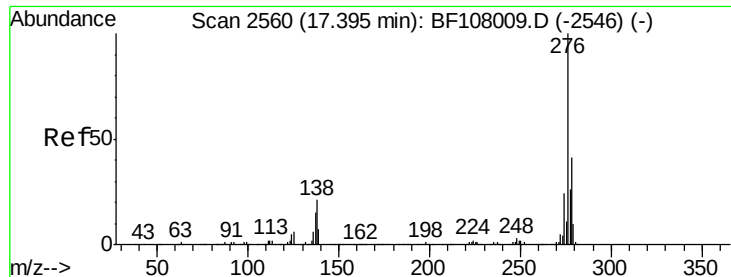


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1





#85

Indeno(1,2,3-cd)pyrene

Concen: 37.929 ng

RT: 17.37 min Scan# 2556

Delta R.T. -0.00 min

Lab File: BF108461.D

Acq: 24 Aug 2018 14:10

Instrument :

BNA_F

ClientSampleId :

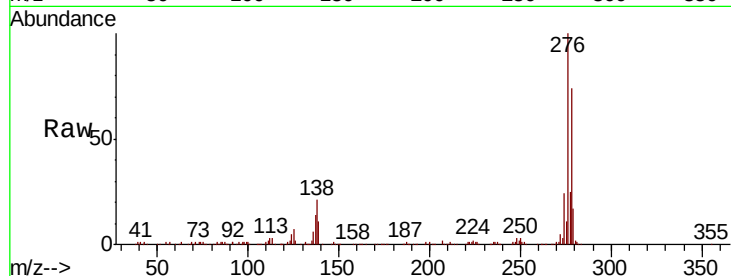
Tot Ion:276 Resp: 655313

Ion Ratio Lower Upper

276 100

138 21.2 25.0 37.6#

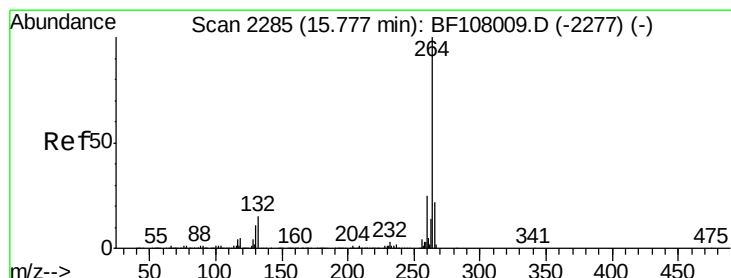
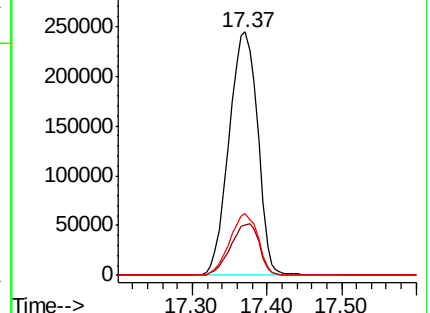
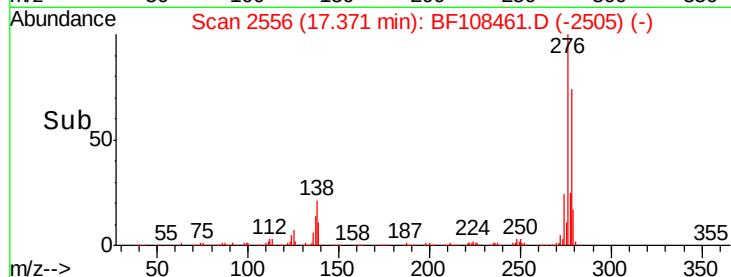
277 25.1 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.75 min Scan# 2280

Delta R.T. -0.01 min

Lab File: BF108461.D

Acq: 24 Aug 2018 14:10

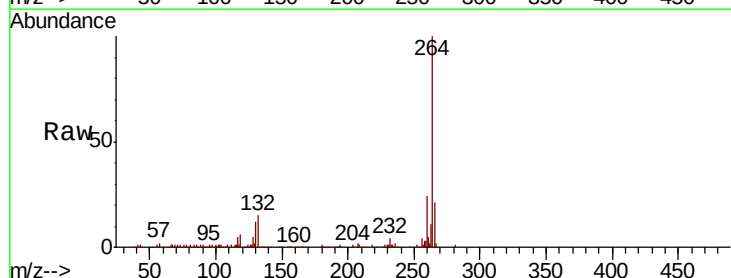
Tgt Ion:264 Resp: 286516

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

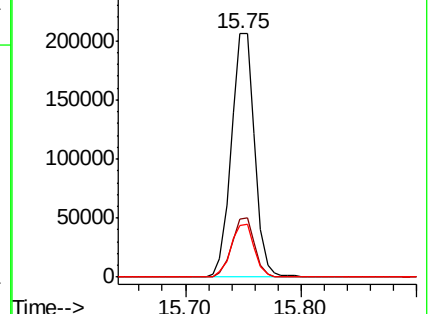
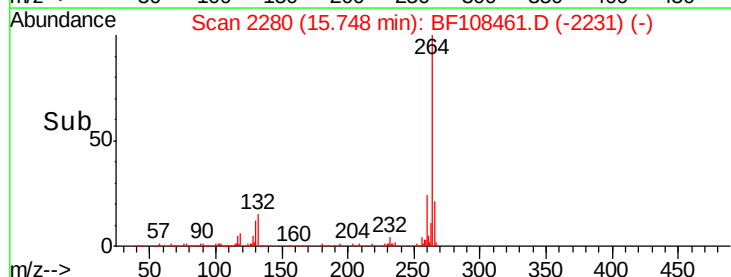
265 21.3 17.5 26.3

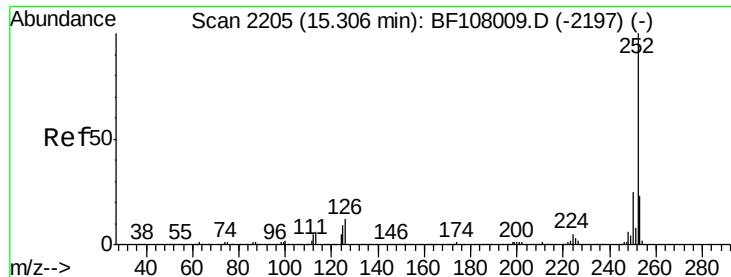


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

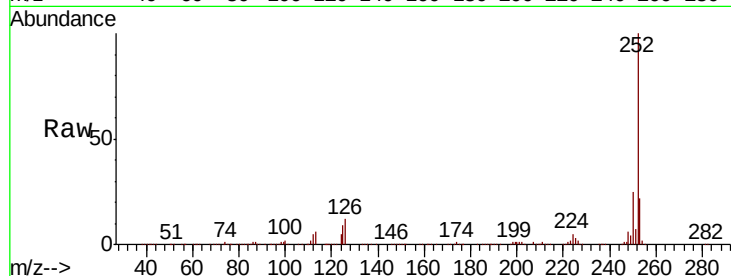




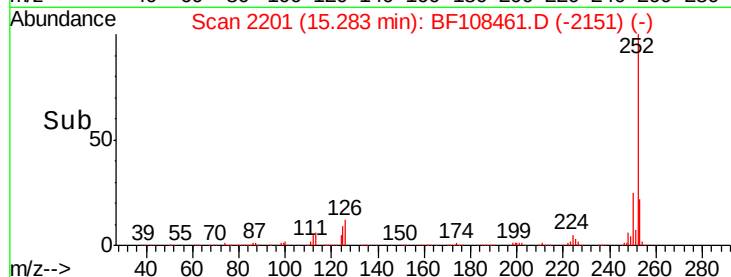
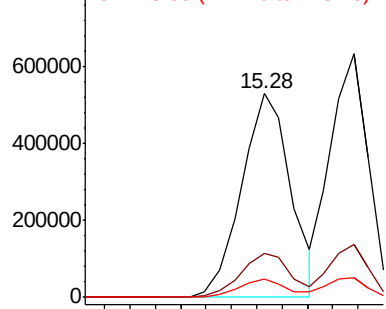
#87
Benzo(b)fluoranthene
Concen: 41.870 ng
RT: 15.28 min Scan# 2201
Delta R.T. -0.01 min
Lab File: BF108461.D
Acq: 24 Aug 2018 14:10

Instrument :
BNA_F
ClientSampleId :

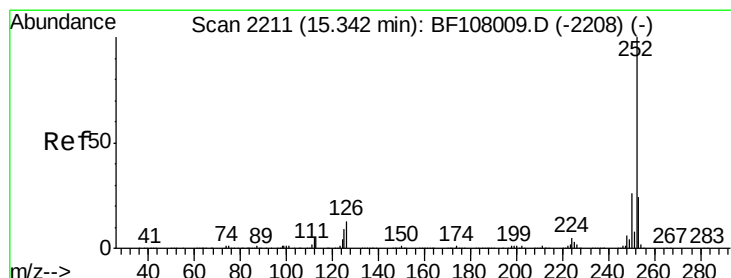
Tot Ion:252 Resp: 716840
Ion Ratio Lower Upper
252 100
253 21.8 17.0 25.6
125 9.1 9.0 13.6



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

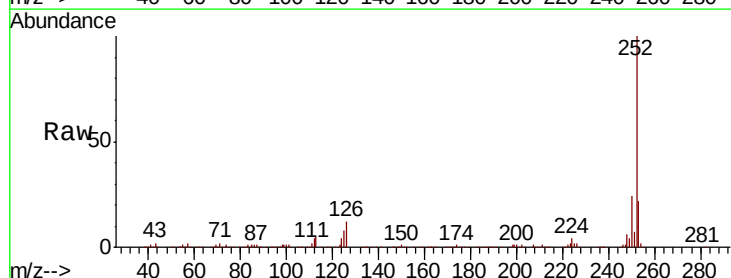


Time-->

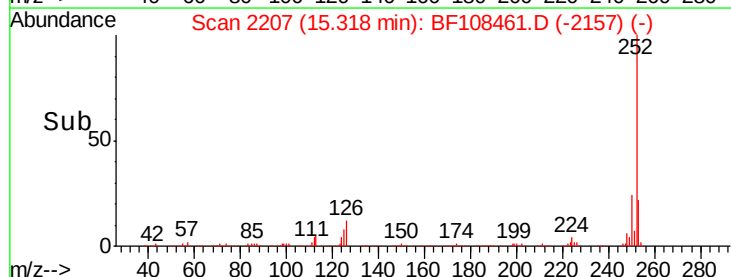
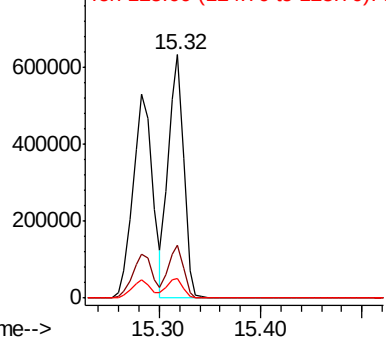


#88
Benzo(k)fluoranthene
Concen: 42.346 ng
RT: 15.32 min Scan# 2207
Delta R.T. -0.01 min
Lab File: BF108461.D
Acq: 24 Aug 2018 14:10

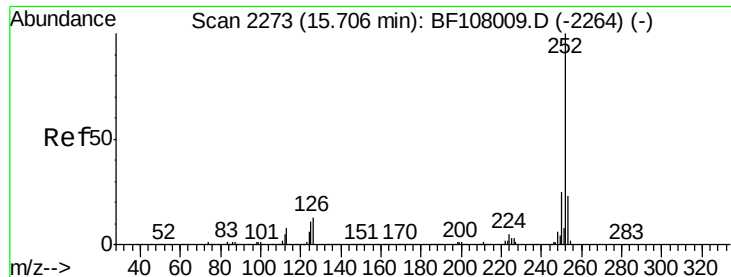
Tgt Ion:252 Resp: 666432
Ion Ratio Lower Upper
252 100
253 21.8 17.9 26.9
125 8.1 10.2 15.2#



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



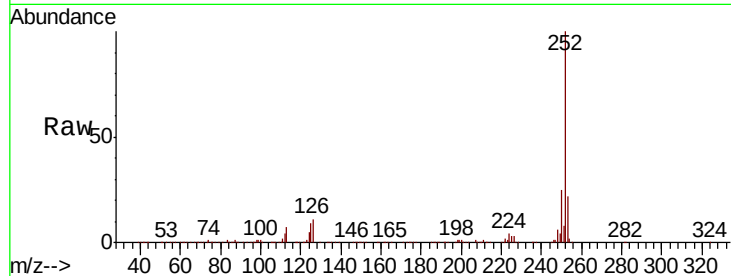
Time-->



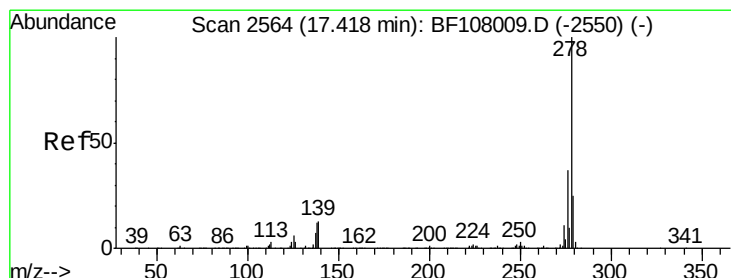
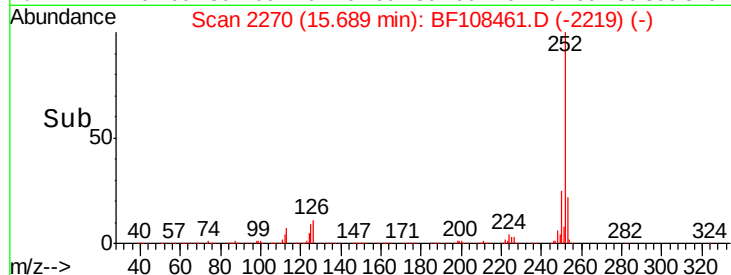
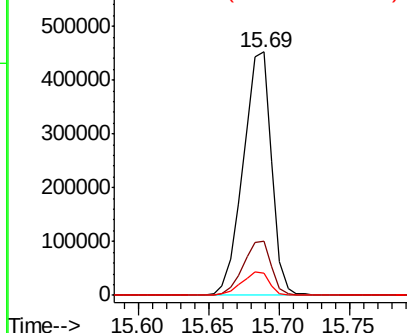
#89
Benzo(a)pyrene
Concen: 41.443 ng
RT: 15.69 min Scan# 2270
Delta R.T. -0.00 min
Lab File: BF108461.D
Acq: 24 Aug 2018 14:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 635362
Ion Ratio Lower Upper
252 100
253 22.2 17.1 25.7
125 9.1 9.8 14.6#

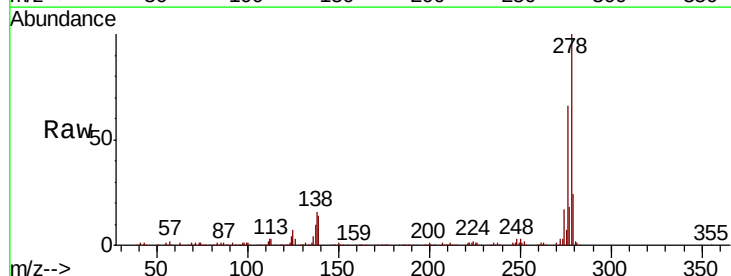


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

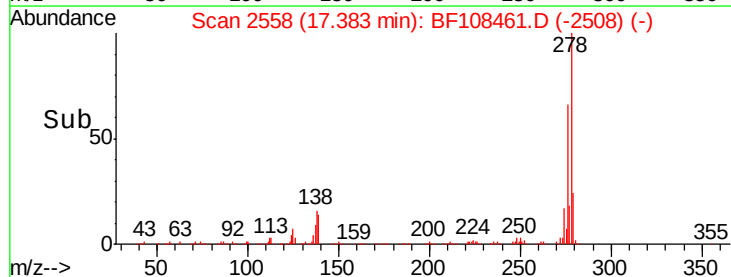
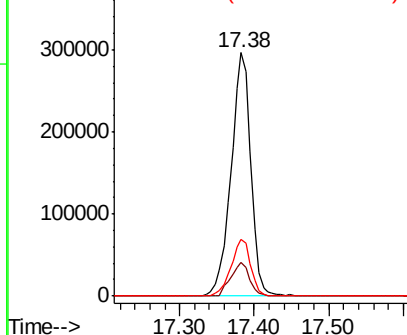


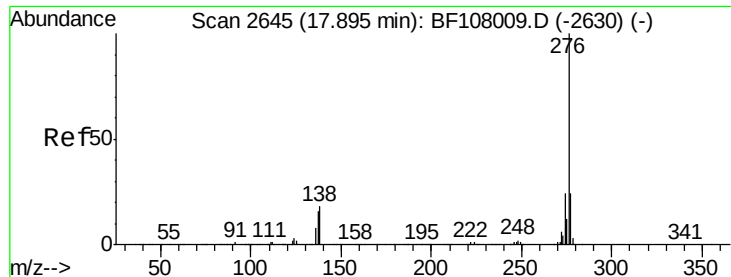
#90
Dibenzo(a,h)anthracene
Concen: 43.205 ng
RT: 17.38 min Scan# 2558
Delta R.T. -0.01 min
Lab File: BF108461.D
Acq: 24 Aug 2018 14:10

Tgt Ion:278 Resp: 548054
Ion Ratio Lower Upper
278 100
139 13.7 15.9 23.9#
279 23.5 19.0 28.4



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E

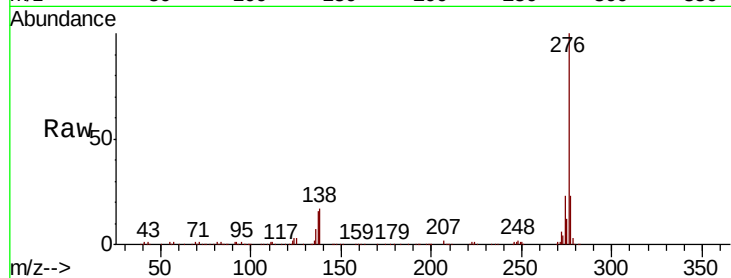




#91
 Benzo(a,h,i)perylene
 Concen: 43.970 ng
 RT: 17.87 min Scan# 2640
 Delta R.T. -0.00 min
 Lab File: BF108461.D
 Acq: 24 Aug 2018 14:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.1	17.9	26.9
138	17.0	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

