

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082218\
 Data File : BF108380.D
 Acq On : 22 Aug 2018 13:56
 Operator : JU/SJ
 Sample : PB112282BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 22 15:53:16 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	148436	20.00	ng	0.00
21) Naphthalene-d8	8.29	136	611992	20.00	ng	0.00
38) Acenaphthene-d10	10.05	164	318332	20.00	ng	0.00
63) Phenanthrene-d10	11.55	188	620339	20.00	ng	0.00
75) Chrysene-d12	14.20	240	356645	20.00	ng	0.00
86) Perylene-d12	15.75	264	286352	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	1219458	148.74	ng	0.02
7) Phenol-d6	6.64	99	1656411	152.03	ng	0.00
23) Nitrobenzene-d5	7.57	82	883444	80.55	ng	0.00
41) 2,4,6-Tribromophenol	10.85	330	539677	169.96	ng	0.00
44) 2-Fluorobiphenyl	9.36	172	1782881	89.92	ng	0.00
78) Terphenyl-d14	13.13	244	1712933	122.12	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.03	88	157355	37.351	ng	90
3) Pyridine	3.77	79	426293	39.281	ng	87
4) n-Nitrosodimethylamine	3.74	42	234646	38.426	ng	# 84
6) Aniline	6.67	93	434587	29.325	ng	97
8) 2-Chlorophenol	6.80	128	413773	44.809	ng	99
9) Benzaldehyde	6.55	77	183871	21.767	ng	95
10) Phenol	6.64	94	516823	45.859	ng	83
11) bis(2-Chloroethyl)ether	6.74	93	399521	43.850	ng	92
12) 1,3-Dichlorobenzene	6.94	146	464041	43.462	ng	98
13) 1,4-Dichlorobenzene	7.02	146	468090	43.635	ng	97
14) 1,2-Dichlorobenzene	7.17	146	435678	43.663	ng	99
15) Benzyl Alcohol	7.14	79	369179	40.251	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.27	45	760004	40.491	ng	100
17) 2-Methylphenol	7.25	107	372217	47.004	ng	# 94
18) Hexachloroethane	7.51	117	172351	45.128	ng	91
19) n-Nitroso-di-n-propylamine	7.41	70	319624	43.382	ng	93
20) 3+4-Methylphenols	7.40	107	446259	43.976	ng	# 75
22) Acetophenone	7.41	105	605469	42.311	ng	# 95
24) Nitrobenzene	7.58	77	471589	42.523	ng	95
25) Isophorone	7.82	82	885301	42.351	ng	96
26) 2-Nitrophenol	7.90	139	216970	51.805	ng	92
27) 2,4-Dimethylphenol	7.93	122	402079	43.337	ng	97
28) bis(2-Chloroethoxy)methane	8.02	93	531898	43.586	ng	99
29) 2,4-Dichlorophenol	8.14	162	387038	45.331	ng	97
30) 1,2,4-Trichlorobenzene	8.22	180	405240	43.049	ng	96
31) Naphthalene	8.31	128	1230243	44.202	ng	99
32) Benzoic acid	8.05	122	209653	40.068	ng	91
33) 4-Chloroaniline	8.35	127	341238	28.134	ng	99
34) Hexachlorobutadiene	8.42	225	260221	43.667	ng	100
35) Caprolactam	8.77	113	49728	18.586	ng	87
36) 4-Chloro-3-methylphenol	8.84	107	412575	44.793	ng	99
37) 2-Methylnaphthalene	9.00	142	870748	44.219	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.17	216	437292	44.733	ng	99
40) Hexachlorocyclopentadiene	9.15	237	450018	71.271	ng	99

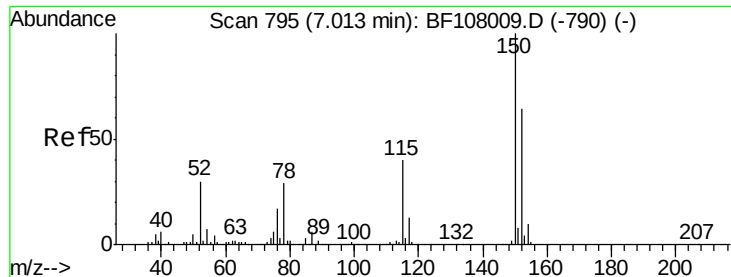
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082218\
 Data File : BF108380.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.28	196	296287	48.842	ng	99
43) 2,4,5-Trichlorophenol	9.32	196	313140	46.892	ng	# 92
45) 1,1'-Biphenyl	9.47	154	1064277	45.345	ng	98
46) 2-Chloronaphthalene	9.50	162	826105	44.533	ng	98
47) 2-Nitroaniline	9.59	65	276712	46.102	ng	87
48) Acenaphthylene	9.91	152	1314783	44.832	ng	99
49) Dimethylphthalate	9.77	163	993337	44.797	ng	# 99
50) 2,6-Dinitrotoluene	9.83	165	216128	46.586	ng	94
51) Acenaphthene	10.08	154	770791	42.911	ng	99
52) 3-Nitroaniline	10.00	138	174213	34.321	ng	95
53) 2,4-Dinitrophenol	10.11	184	154224	88.052	ng	# 23
54) Dibenzofuran	10.26	168	1146061	44.039	ng	98
55) 4-Nitrophenol	10.17	139	297979	77.522	ng	86
56) 2,4-Dinitrotoluene	10.24	165	288906	48.379	ng	# 95
57) Fluorene	10.60	166	924971	44.900	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.37	232	261208	46.799	ng	# 86
59) Diethylphthalate	10.47	149	958614	44.644	ng	96
60) 4-Chlorophenyl-phenylether	10.59	204	468577	43.652	ng	92
61) 4-Nitroaniline	10.62	138	218427	43.524	ng	92
62) Azobenzene	10.75	77	963413	43.446	ng	94
64) 4,6-Dinitro-2-methylphenol	10.65	198	110814	47.627	ng	79
65) n-Nitrosodiphenylamine	10.71	169	835955	45.602	ng	96
66) 4-Bromophenyl-phenylether	11.08	248	309931	45.974	ng	# 83
67) Hexachlorobenzene	11.15	284	325010	45.821	ng	# 85
68) Atrazine	11.23	200	277915	45.200	ng	97
69) Pentachlorophenol	11.35	266	304900	89.808	ng	99
70) Phenanthrene	11.57	178	1322526	45.200	ng	99
71) Anthracene	11.62	178	1351203	45.057	ng	99
72) Carbazole	11.78	167	1117493	41.942	ng	99
73) Di-n-butylphthalate	12.09	149	1430160	47.389	ng	99
74) Fluoranthene	12.77	202	1342190	42.032	ng	96
76) Benzidine	12.88	184	433870	32.560	ng	98
77) Pyrene	13.00	202	1295491	57.375	ng	100
79) Butylbenzylphthalate	13.60	149	497882	55.531	ng	# 94
80) Benzo(a)anthracene	14.19	228	935558	45.709	ng	99
81) 3,3'-Dichlorobenzidine	14.14	252	200709	27.363	ng	# 97
82) Chrysene	14.22	228	848031	45.193	ng	99
83) Bis(2-ethylhexyl)phthalate	14.15	149	641765	52.857	ng	100
84) Di-n-octyl phthalate	14.77	149	907813	49.026	ng	97
85) Indeno(1,2,3-cd)pyrene	17.38	276	853639	52.503	ng	# 90
87) Benzo(b)fluoranthene	15.29	252	762219	44.546	ng	# 96
88) Benzo(k)fluoranthene	15.32	252	689353	43.827	ng	# 96
89) Benzo(a)pyrene	15.69	252	713716	46.581	ng	# 96
90) Dibenzo(a,h)anthracene	17.39	278	717444	56.591	ng	# 94
91) Benzo(g,h,i)perylene	17.87	276	728520	58.359	ng	# 88

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

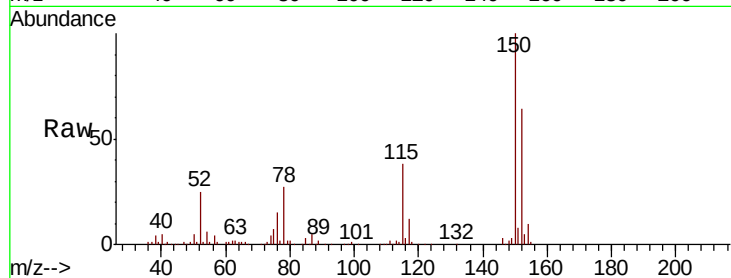


#1

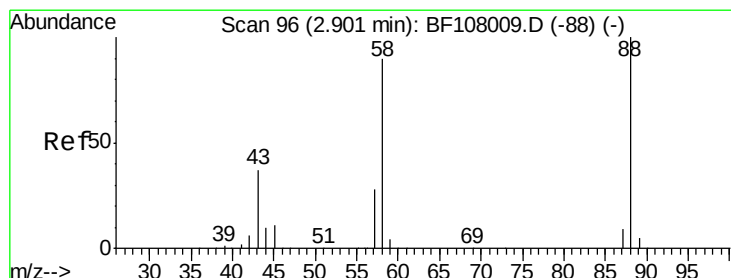
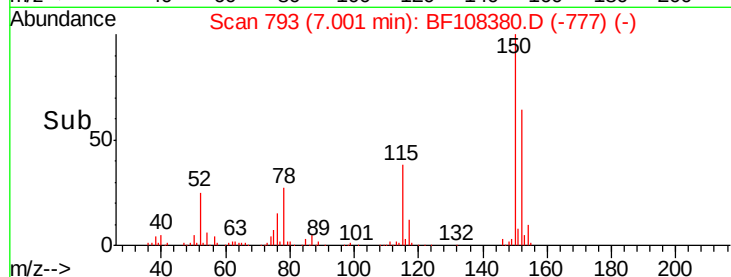
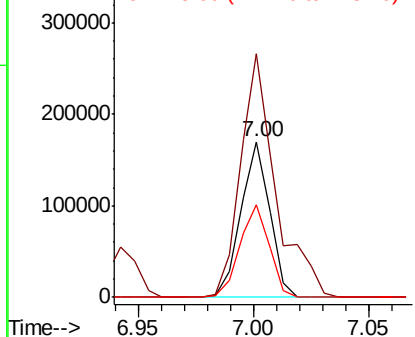
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108380.D
Acq: 22 Aug 2018 13:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.4	124.6	186.8
115	59.6	50.1	75.1



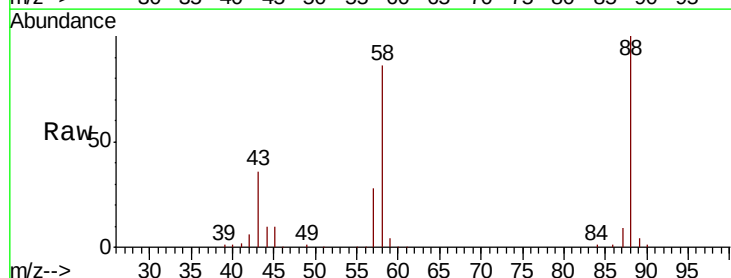
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



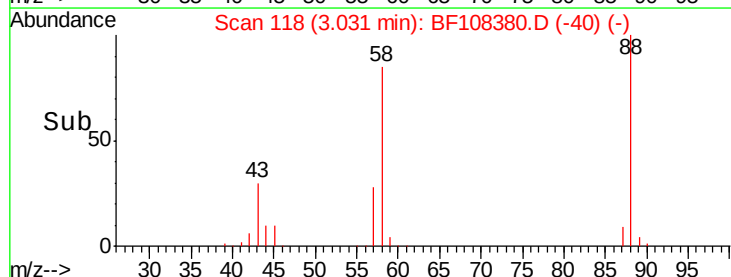
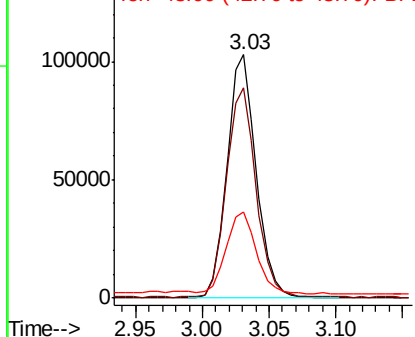
#2

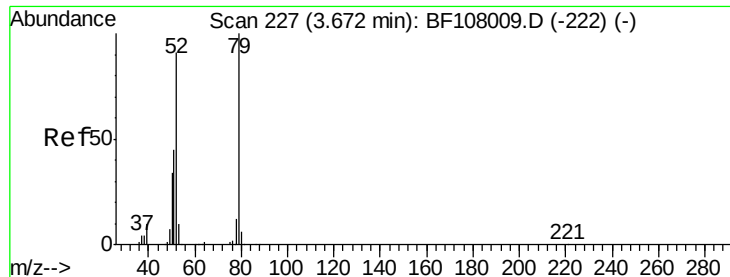
1,4-Dioxane
Concen: 37.351 ng
RT: 3.03 min Scan# 118
Delta R.T. 0.16 min
Lab File: BF108380.D
Acq: 22 Aug 2018 13:56

Tgt Ion	Ratio	Lower	Upper
88	100		
58	87.5	62.6	93.8
43	35.1	24.6	37.0



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





#3

Pvridine

Concen: 39.281 ng

RT: 3.77 min Scan# 244

Delta R.T. 0.11 min

Lab File: BF108380.D

Acq: 22 Aug 2018 13:56

Instrument :

BNA_F

ClientSampleId :

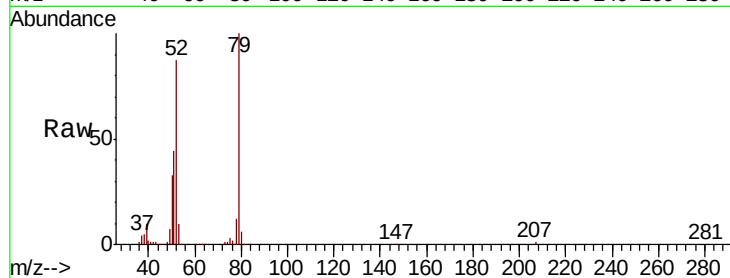
Tot Ion: 79 Resp: 426293

Ion Ratio Lower Upper

79 100

52 86.5 59.8 89.6

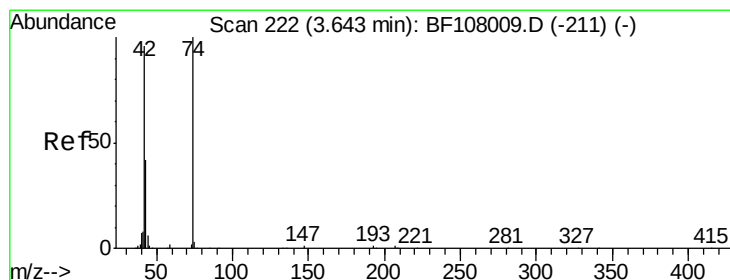
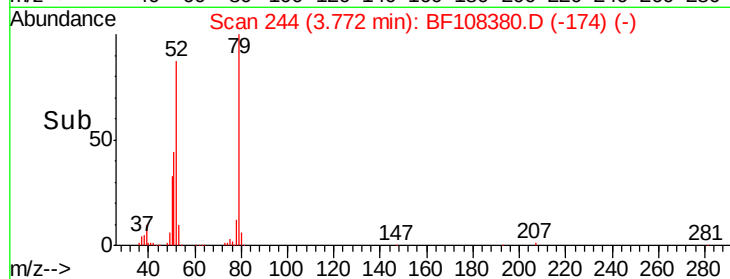
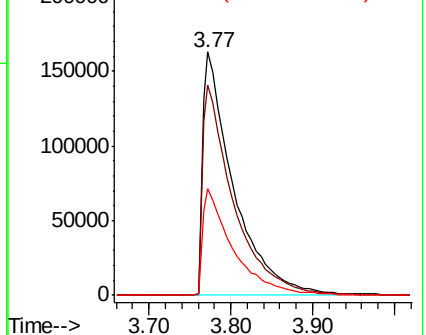
51 43.9 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 38.426 ng

RT: 3.74 min Scan# 238

Delta R.T. 0.11 min

Lab File: BF108380.D

Acq: 22 Aug 2018 13:56

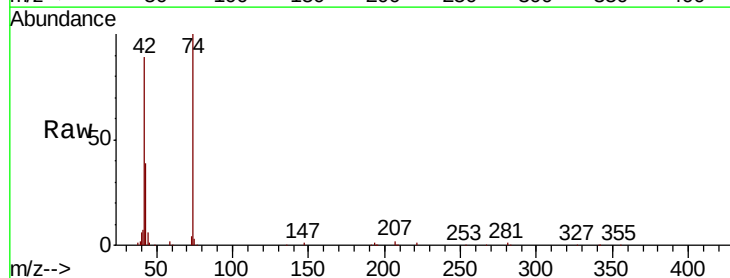
Tgt Ion: 42 Resp: 234646

Ion Ratio Lower Upper

42 100

74 112.0 104.9 157.3

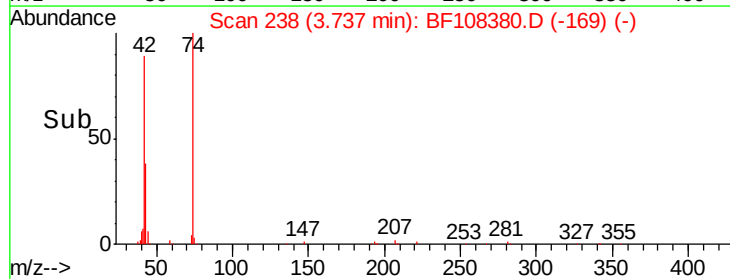
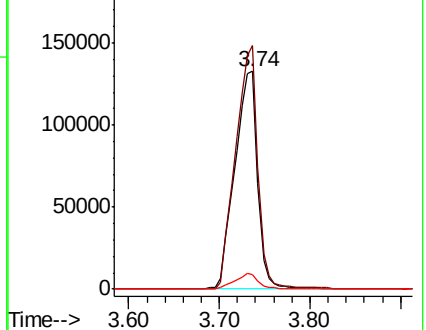
44 6.8 6.9 10.3#

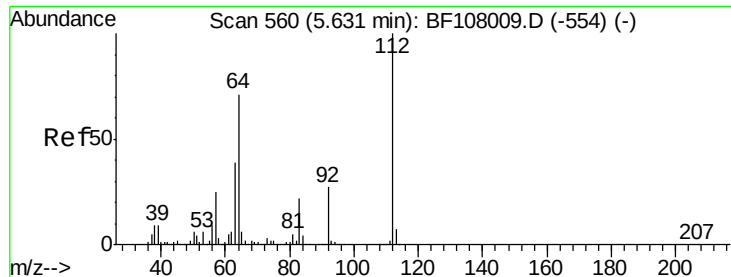


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 148.736 ng

RT: 5.65 min Scan# 563

Delta R.T. 0.02 min

Lab File: BF108380.D

Acq: 22 Aug 2018 13:56

Instrument :
BNA_F
ClientSampleId :

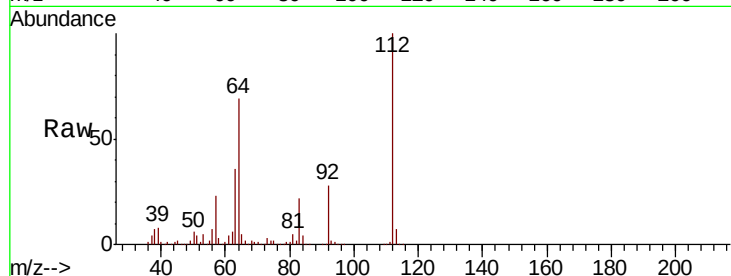
Tot Ion:112 Resp: 1219458

Ion Ratio Lower Upper

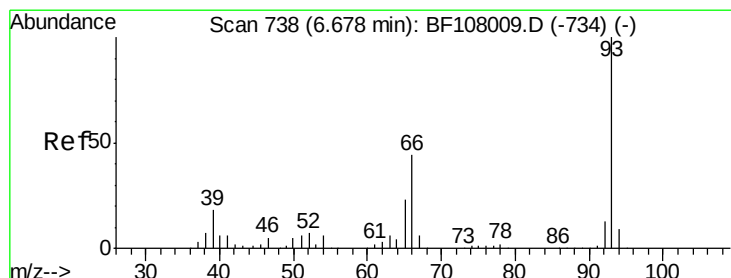
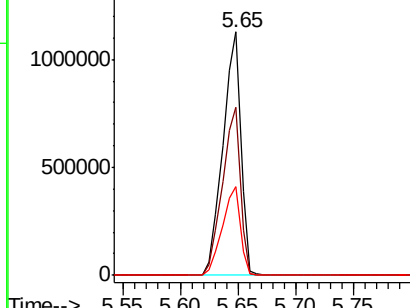
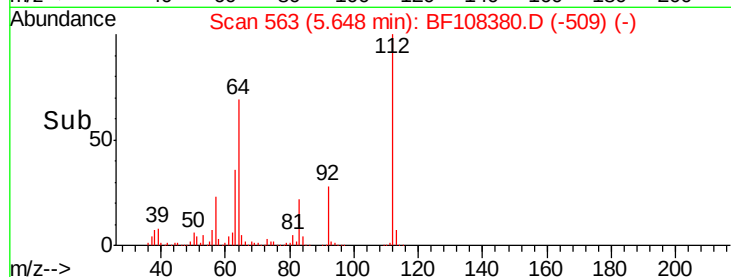
112 100

64 69.0 47.9 71.9

63 36.5 23.7 35.5#



Abundance Ion 112.00 (111.70 to 112.70): B
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 29.325 ng

RT: 6.67 min Scan# 737

Delta R.T. -0.00 min

Lab File: BF108380.D

Acq: 22 Aug 2018 13:56

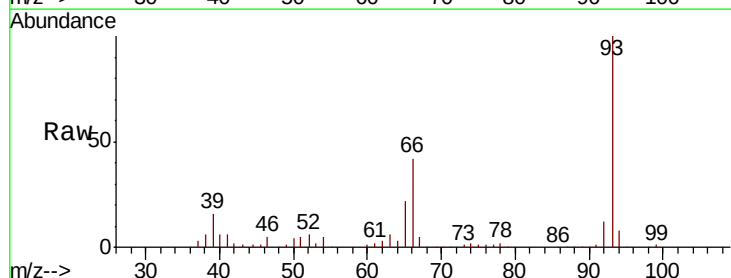
Tgt Ion: 93 Resp: 434587

Ion Ratio Lower Upper

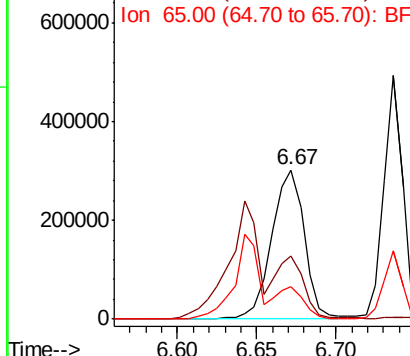
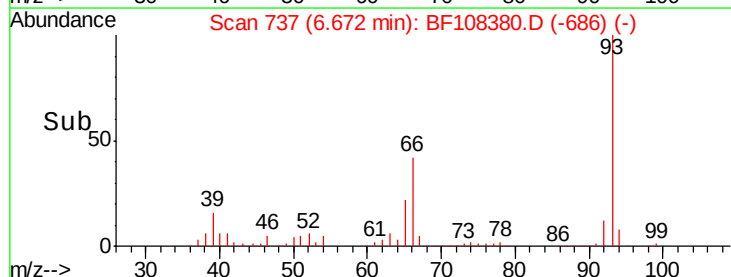
93 100

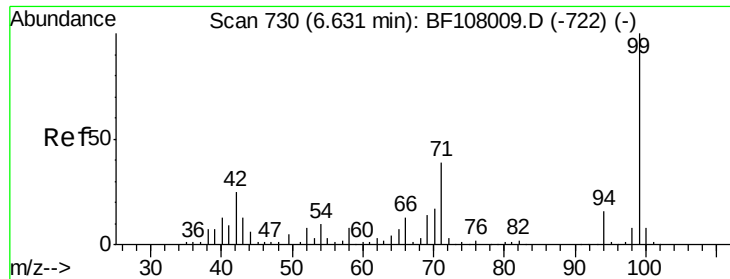
66 42.1 32.2 48.2

65 22.0 16.4 24.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 152.032 ng

RT: 6.64 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF108380.D

Acq: 22 Aug 2018 13:56

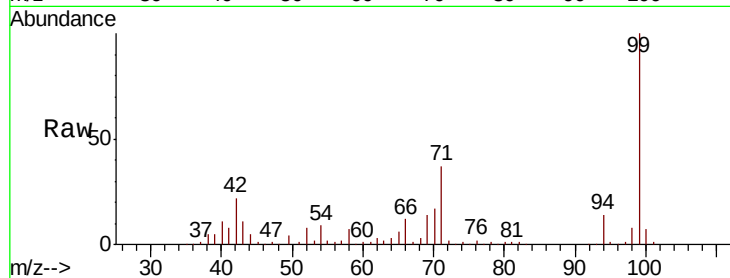
Instrument :

BNA_F

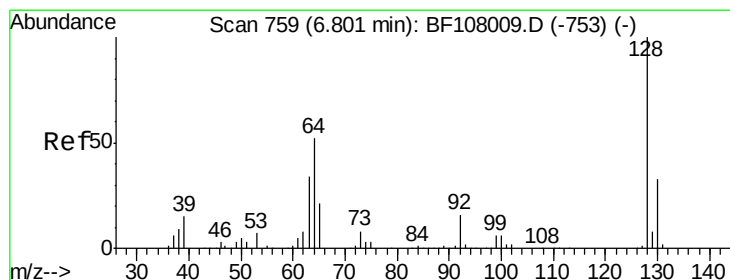
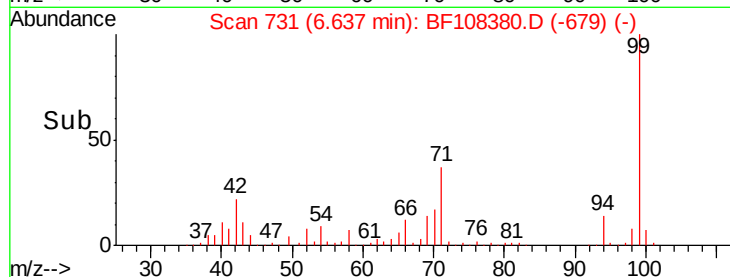
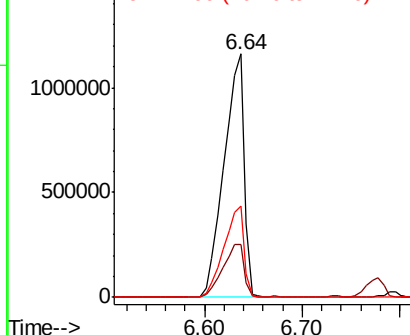
ClientSampled :

Tot Ion: 99 Resp: 1656411

Ion	Ratio	Lower	Upper
99	100		
42	21.9	14.5	21.7#
71	37.3	25.4	38.0



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



#8

2-Chlorophenol

Concen: 44.809 ng

RT: 6.80 min Scan# 758

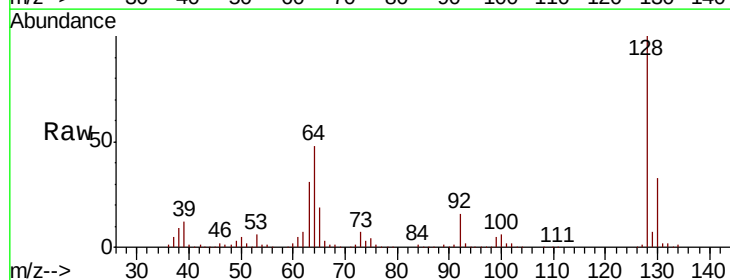
Delta R.T. -0.00 min

Lab File: BF108380.D

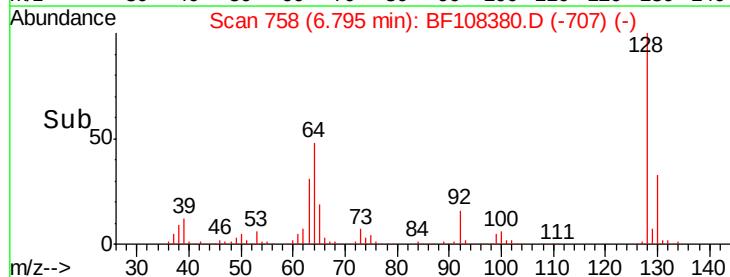
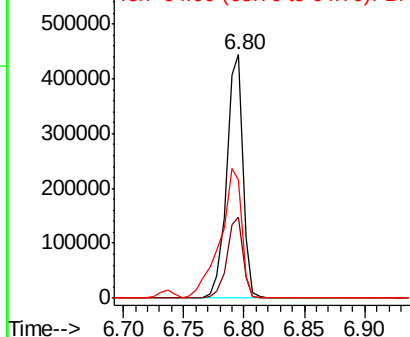
Acq: 22 Aug 2018 13:56

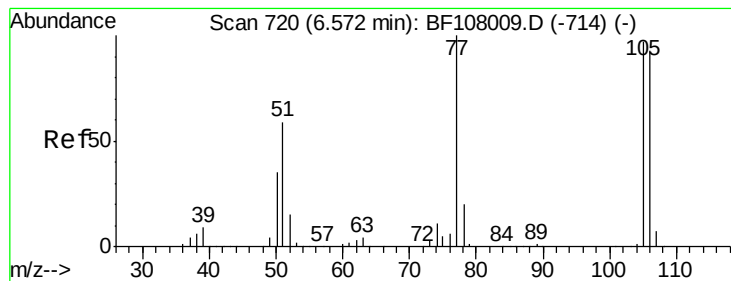
Tgt Ion: 128 Resp: 413773

Ion	Ratio	Lower	Upper
128	100		
130	33.1	13.0	53.0
64	48.4	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: 21.767 ng

RT: 6.55 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF108380.D

Acq: 22 Aug 2018 13:56

Instrument :

BNA_F

ClientSampled :

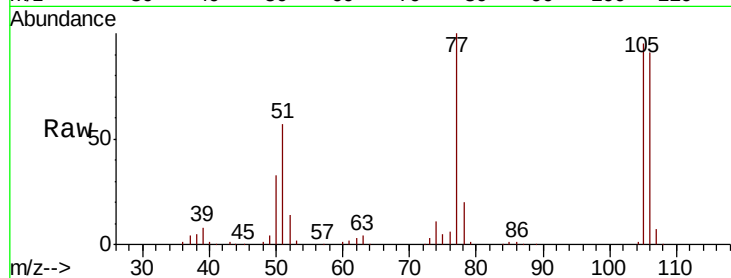
Tot Ion: 77 Resp: 183871

Ion Ratio Lower Upper

77 100

105 95.0 81.1 121.1

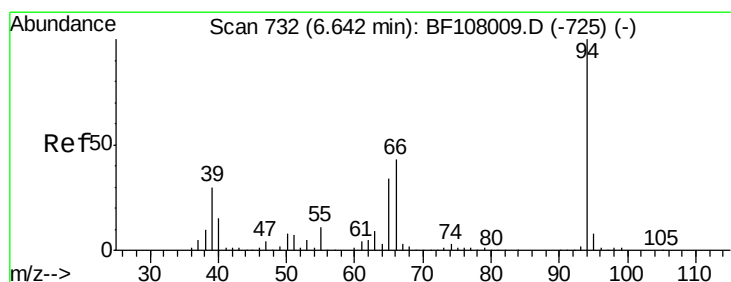
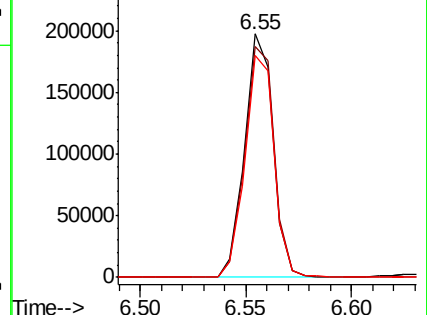
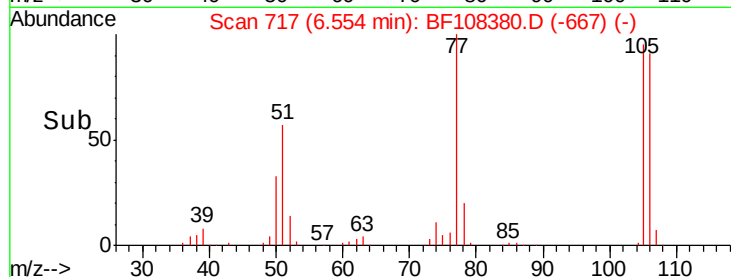
106 90.9 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 45.859 ng

RT: 6.64 min Scan# 732

Delta R.T. -0.00 min

Lab File: BF108380.D

Acq: 22 Aug 2018 13:56

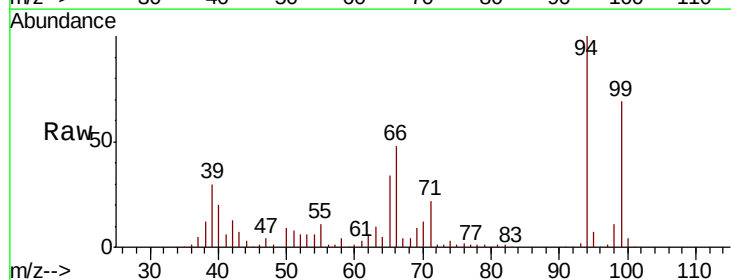
Tgt Ion: 94 Resp: 516823

Ion Ratio Lower Upper

94 100

65 34.5 7.9 47.9

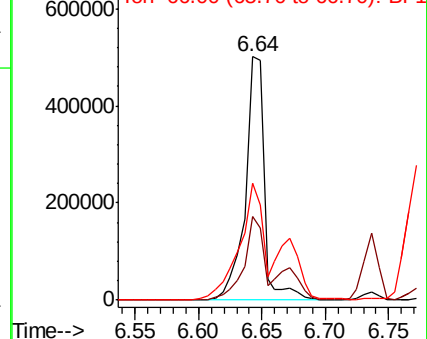
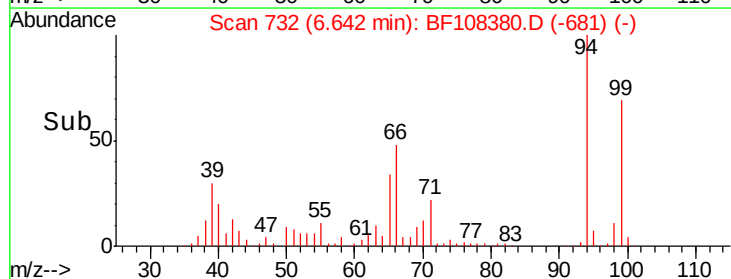
66 47.9 16.2 56.2

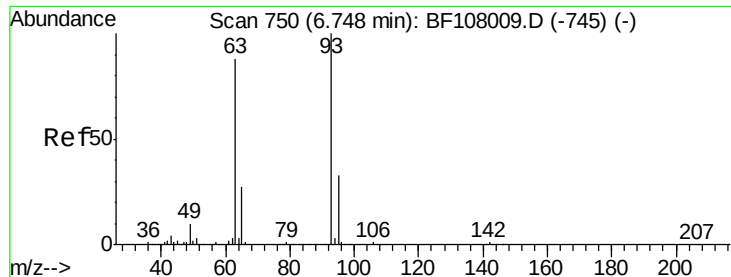


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

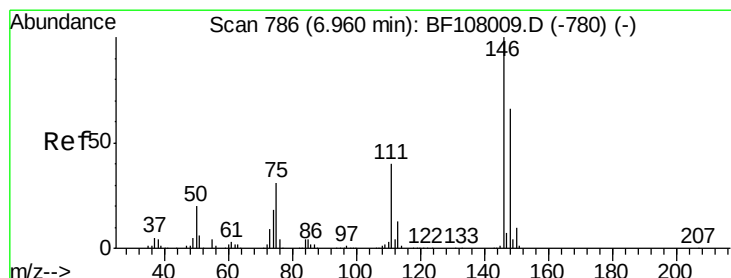
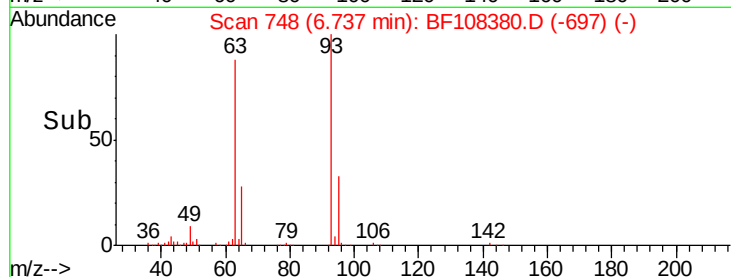
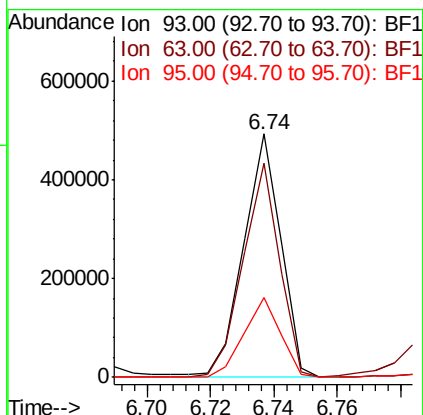
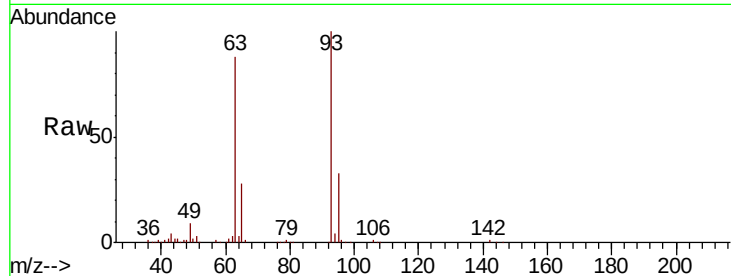




#11
 bis(2-Chloroethyl)ether
 Concen: 43.850 ng
 RT: 6.74 min Scan# 748
 Delta R.T. -0.00 min
 Lab File: BF108380.D
 Acq: 22 Aug 2018 13:56

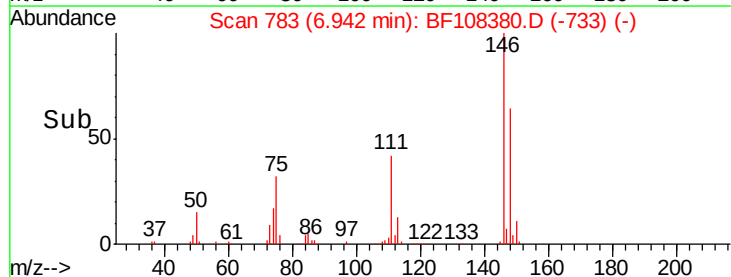
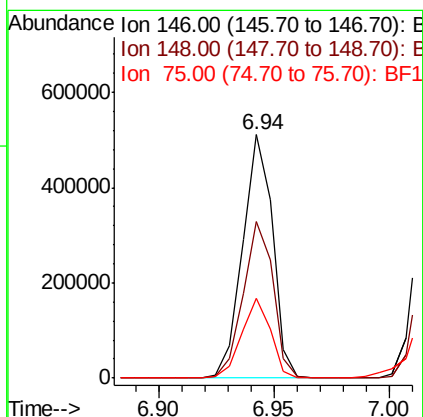
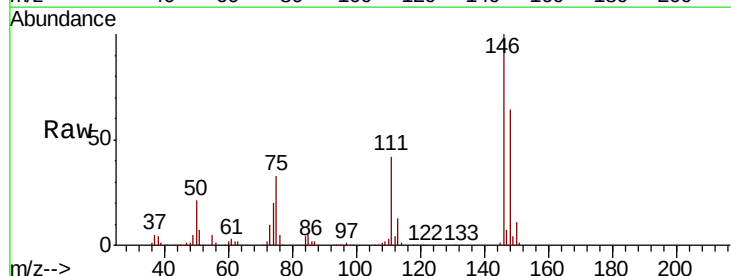
Instrument :
 BNA_F
 ClientSampleId :

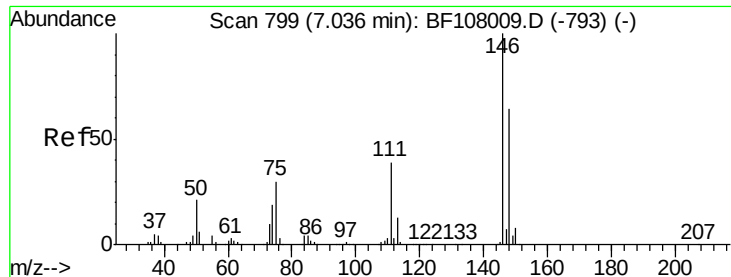
Tot Ion	Ratio	Lower	Upper
93	100		
63	88.0	58.6	98.6
95	32.7	11.8	51.8



#12
 1,3-Dichlorobenzene
 Concen: 43.462 ng
 RT: 6.94 min Scan# 783
 Delta R.T. -0.01 min
 Lab File: BF108380.D
 Acq: 22 Aug 2018 13:56

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.8	77.8
75	32.9	24.2	36.4

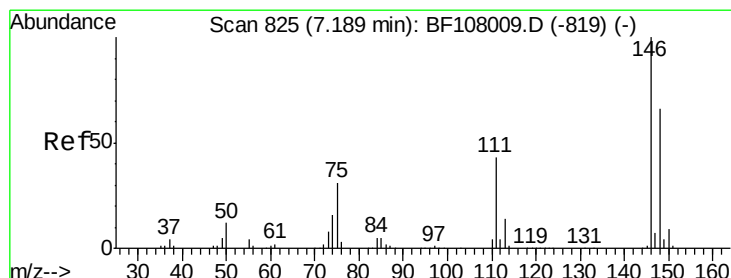
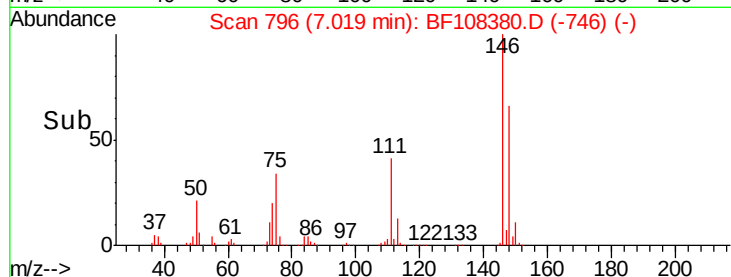
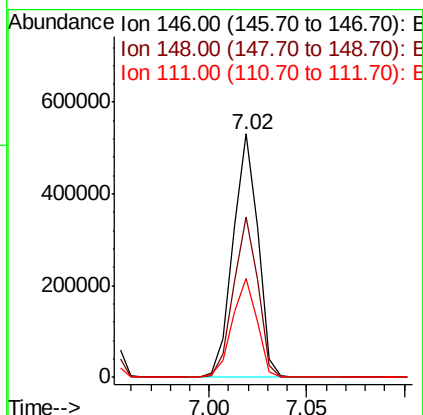
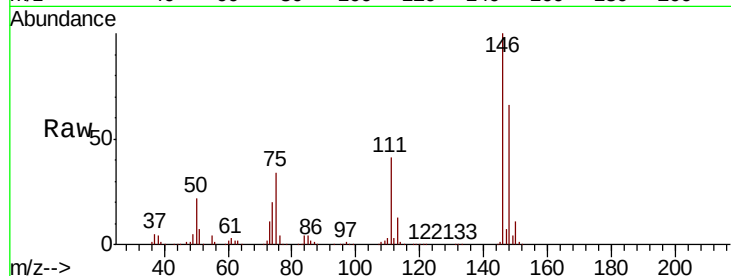




#13
 1,4-Dichlorobenzene
 Concen: 43.635 ng
 RT: 7.02 min Scan# 796
 Delta R.T. -0.01 min
 Lab File: BF108380.D
 Acq: 22 Aug 2018 13:56

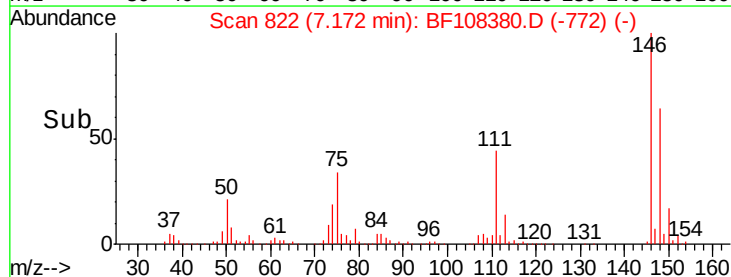
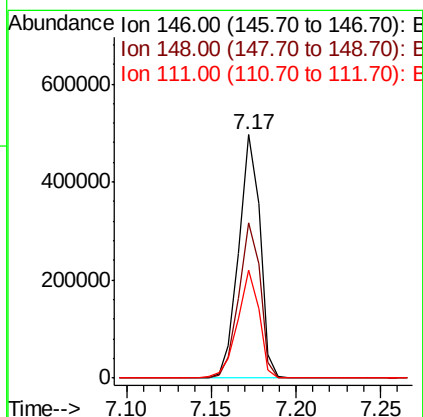
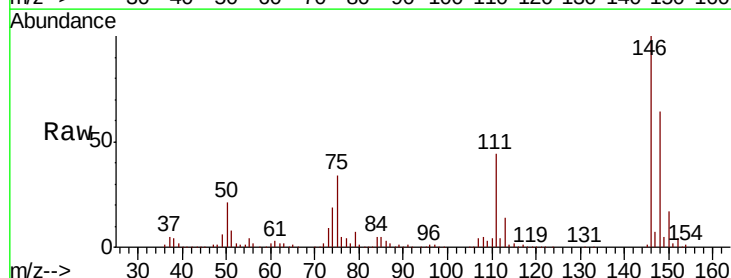
Instrument :
 BNA_F
 ClientSampleId :

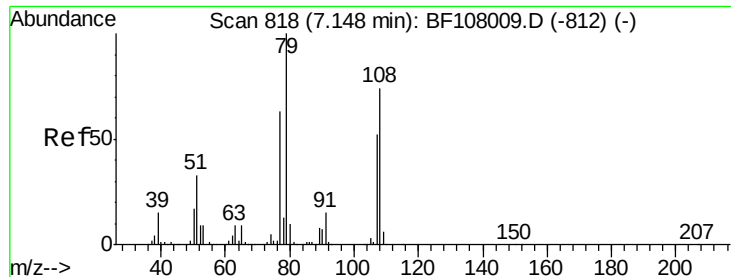
Tot Ion:146 Resp: 468090
 Ion Ratio Lower Upper
 146 100
 148 65.7 50.8 76.2
 111 40.8 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 43.663 ng
 RT: 7.17 min Scan# 822
 Delta R.T. -0.01 min
 Lab File: BF108380.D
 Acq: 22 Aug 2018 13:56

Tgt Ion:146 Resp: 435678
 Ion Ratio Lower Upper
 146 100
 148 63.7 50.6 75.8
 111 44.5 36.0 54.0





#15

Benzyl Alcohol

Concen: 40.251 ng

RT: 7.14 min Scan# 817

Delta R.T. -0.00 min

Lab File: BF108380.D

Acq: 22 Aug 2018 13:56

Instrument :

BNA_F

ClientSampleId :

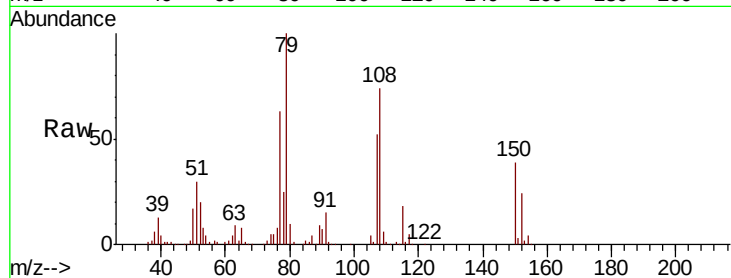
Tot Ion: 79 Resp: 369179

Ion Ratio Lower Upper

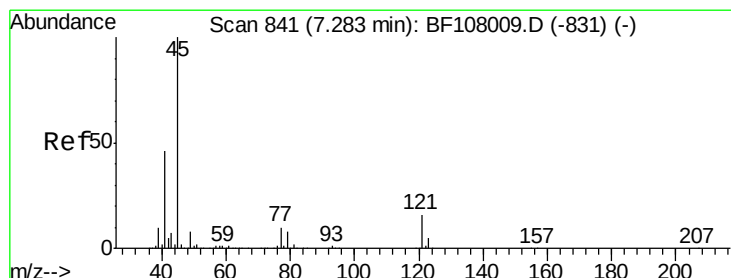
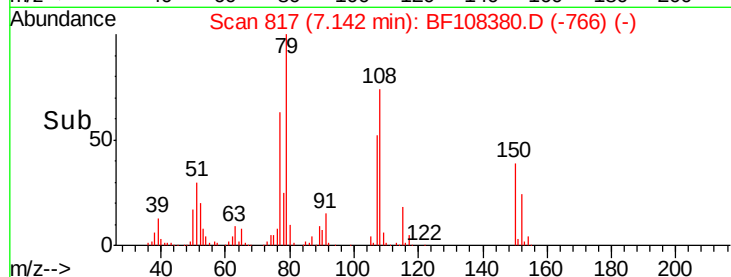
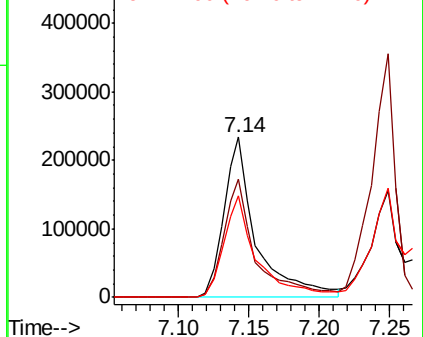
79 100

108 73.9 65.1 97.7

77 63.0 50.6 75.8



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.491 ng

RT: 7.27 min Scan# 838

Delta R.T. -0.01 min

Lab File: BF108380.D

Acq: 22 Aug 2018 13:56

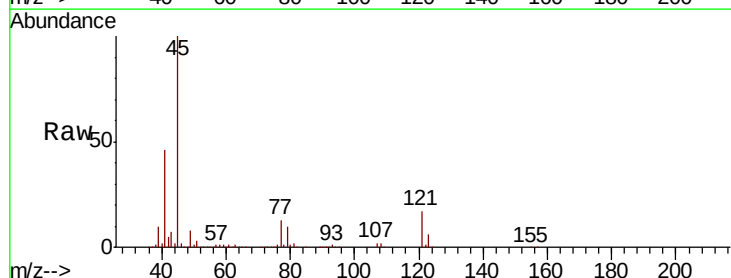
Tgt Ion: 45 Resp: 760004

Ion Ratio Lower Upper

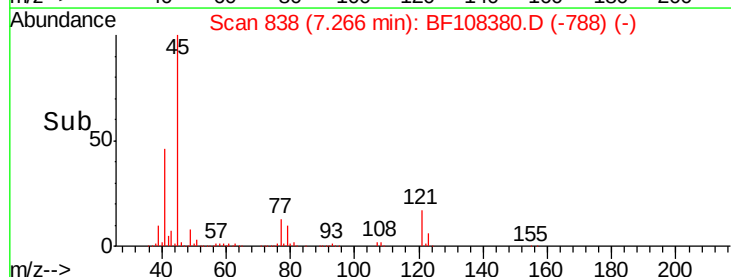
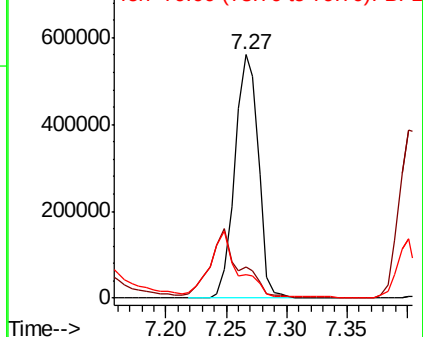
45 100

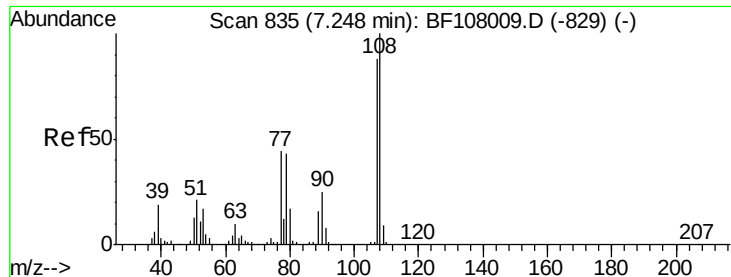
77 12.8 0.0 32.9

79 9.7 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

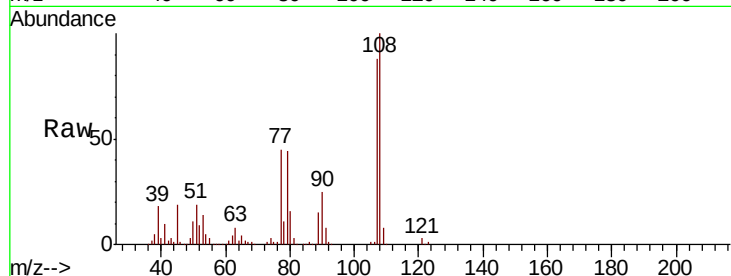




#17
2-Methylphenol
Concen: 47.004 ng
RT: 7.25 min Scan# 835
Delta R.T. -0.00 min
Lab File: BF108380.D
Acq: 22 Aug 2018 13:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	113.7	91.7	137.5
77	51.1	33.8	50.8#
79	49.7	33.8	50.8



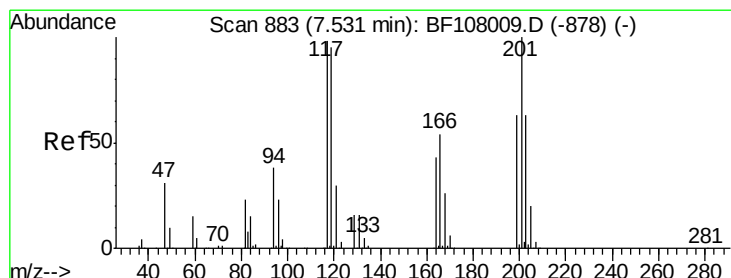
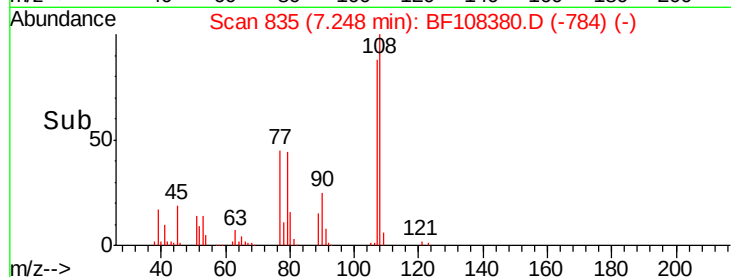
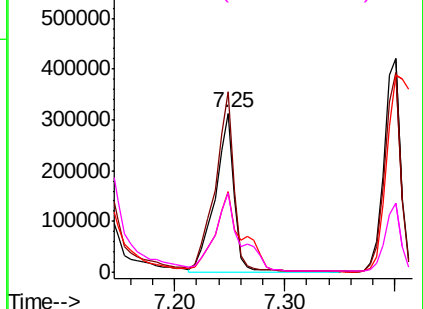
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

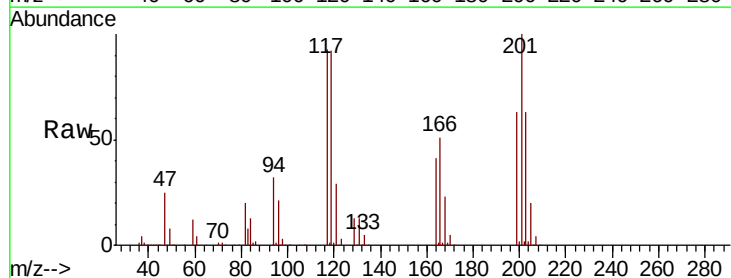
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 45.128 ng
RT: 7.51 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF108380.D
Acq: 22 Aug 2018 13:56

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.5	75.8	113.8
201	107.5	75.7	113.5

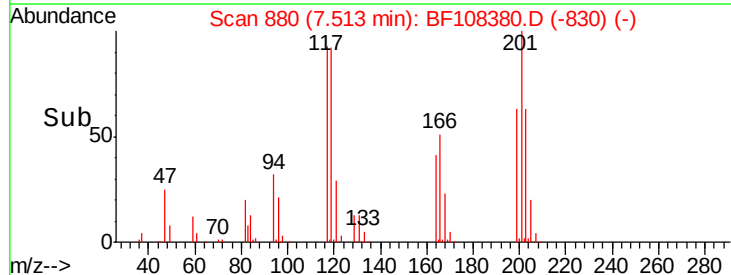
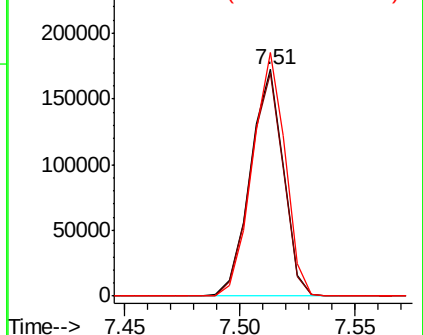


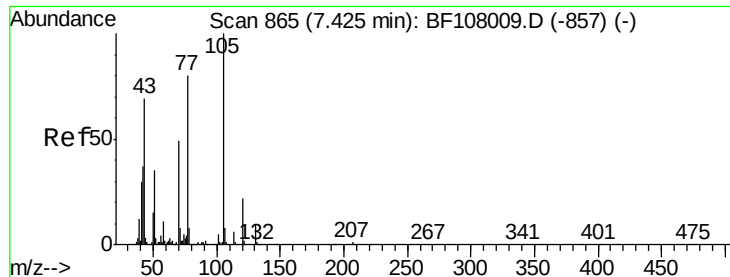
Abundance

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

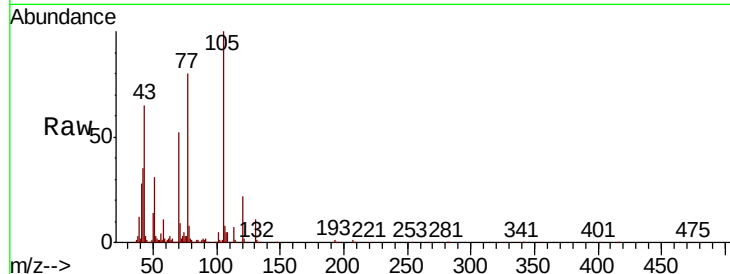




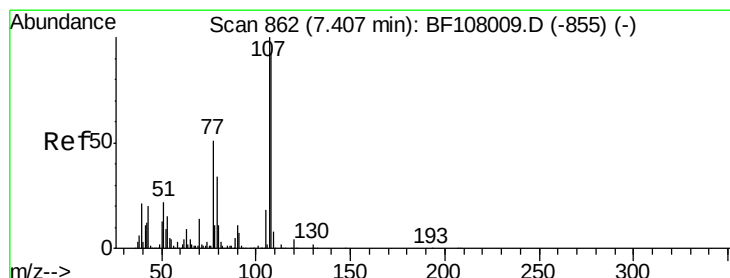
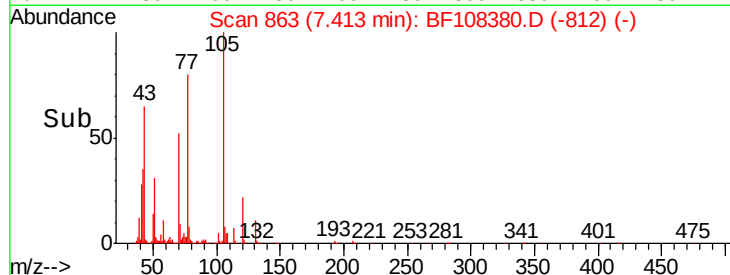
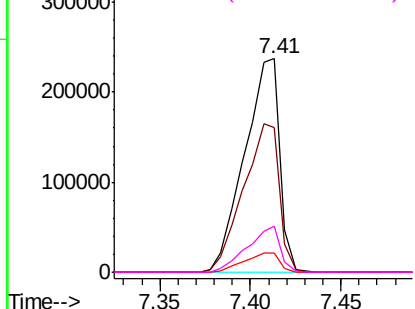
#19
n-Nitroso-di-n-propylamine
Concen: 43.382 ng
RT: 7.41 min Scan# 863
Delta R.T. -0.00 min
Lab File: BF108380.D
Acq: 22 Aug 2018 13:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 319624
Ion Ratio Lower Upper
70 100
42 67.6 47.5 71.3
101 9.3 7.4 11.2
130 21.4 16.6 25.0

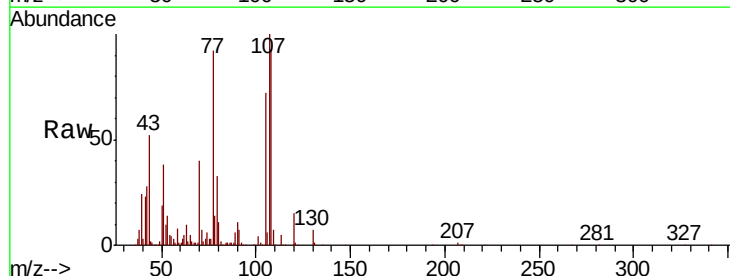


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

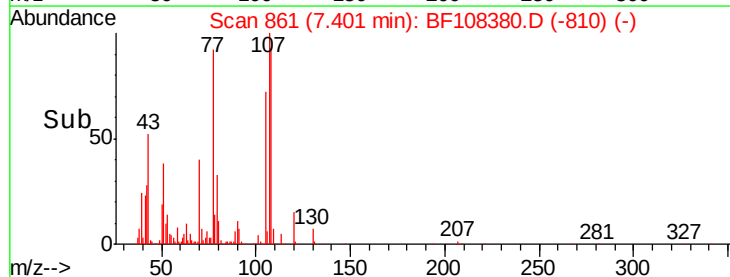
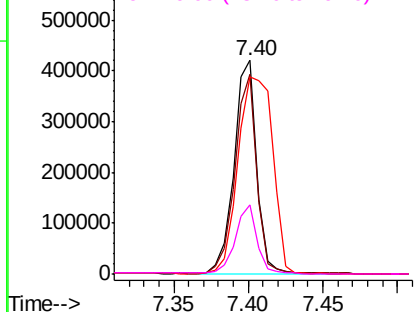


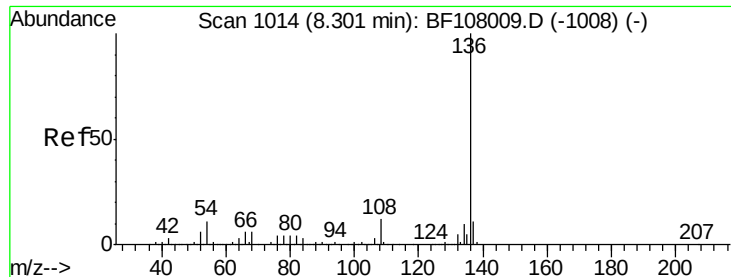
#20
3+4-Methylphenols
Concen: 43.976 ng
RT: 7.40 min Scan# 861
Delta R.T. -0.00 min
Lab File: BF108380.D
Acq: 22 Aug 2018 13:56

Tgt Ion:107 Resp: 446259
Ion Ratio Lower Upper
107 100
108 93.2 68.2 108.2
77 92.3 26.7 66.7#
79 32.6 6.3 46.3



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

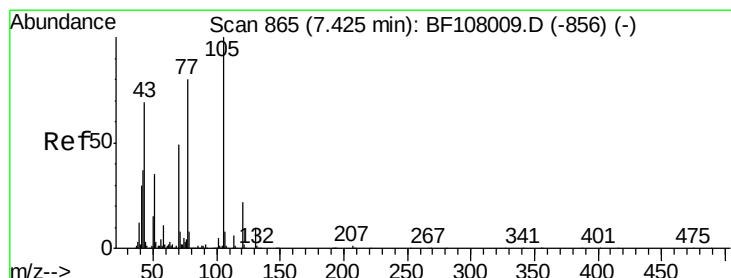
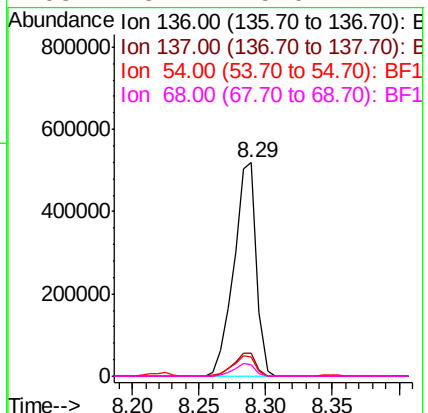
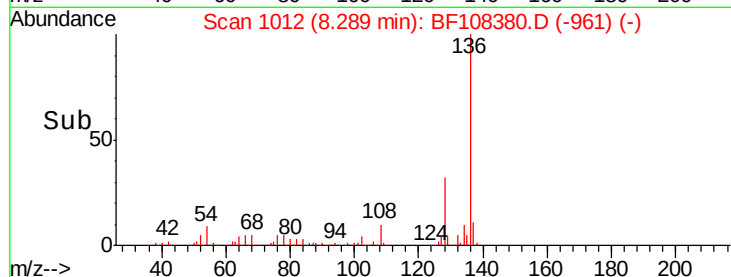
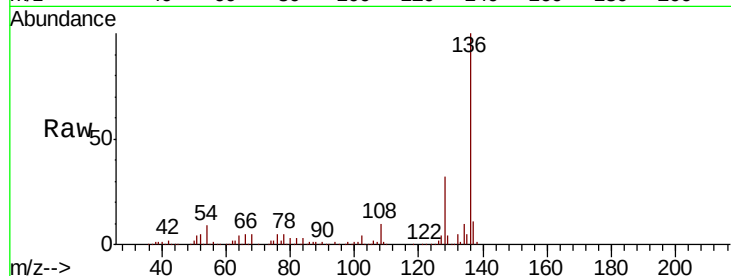




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.29 min Scan# 1012
Delta R.T. -0.00 min
Lab File: BF108380.D
Acq: 22 Aug 2018 13:56

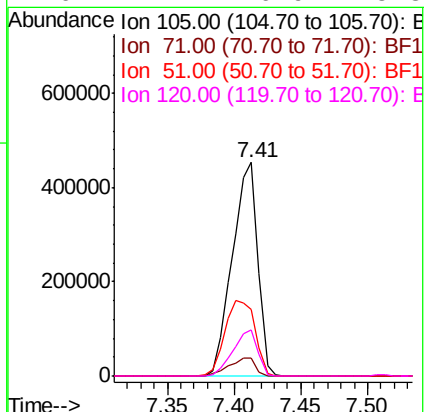
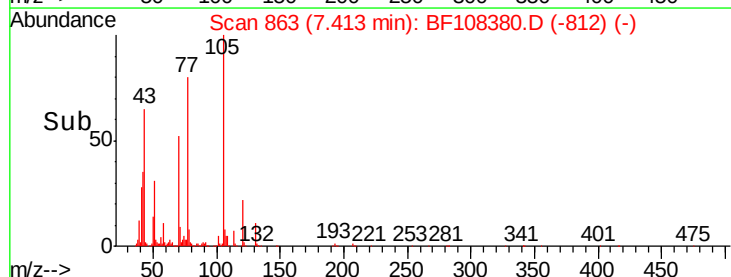
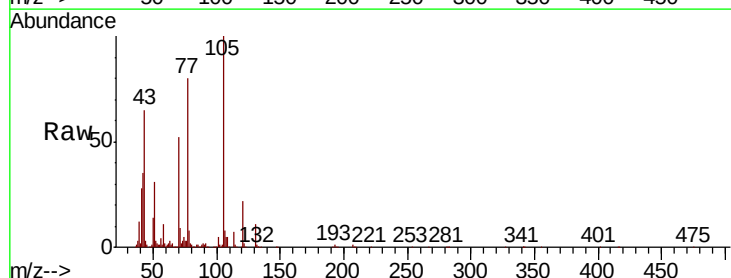
Instrument :
BNA_F
ClientSampleId :

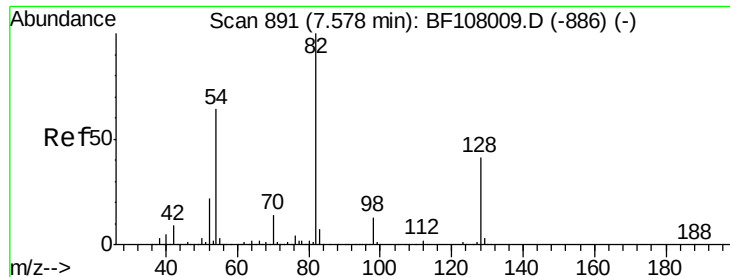
Tot Ion:136	Resp:	611992
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.9 13.3
54	8.8	6.6 9.8
68	5.4	5.0 7.4



#22
Acetophenone
Concen: 42.311 ng
RT: 7.41 min Scan# 863
Delta R.T. -0.00 min
Lab File: BF108380.D
Acq: 22 Aug 2018 13:56

Tgt Ion:105	Resp:	605469
Ion Ratio	Lower	Upper
105	100	
71	8.5	4.4 6.6#
51	31.3	22.3 33.5
120	21.7	16.9 25.3

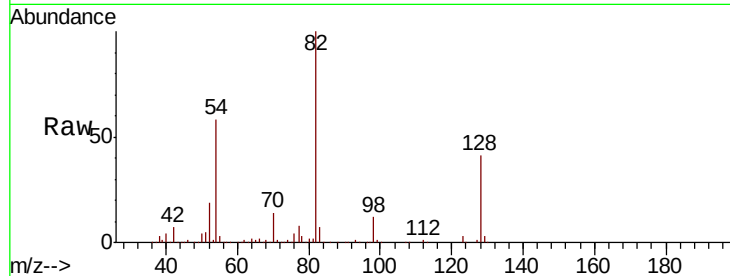




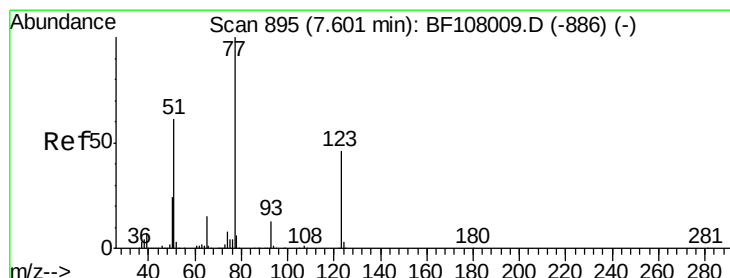
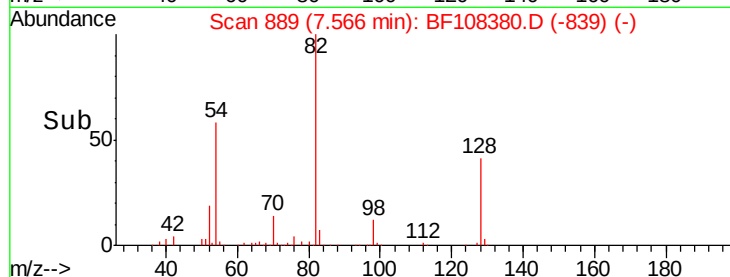
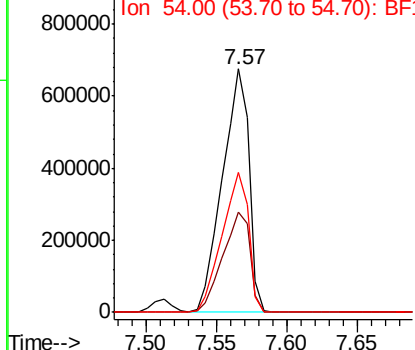
#23
 Nitrobenzene-d5
 Concen: 80.552 ng
 RT: 7.57 min Scan# 889
 Delta R.T. -0.01 min
 Lab File: BF108380.D
 Acq: 22 Aug 2018 13:56

Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 883444
 Ion Ratio Lower Upper
 82 100
 128 41.4 36.1 54.1
 54 57.6 41.4 62.2

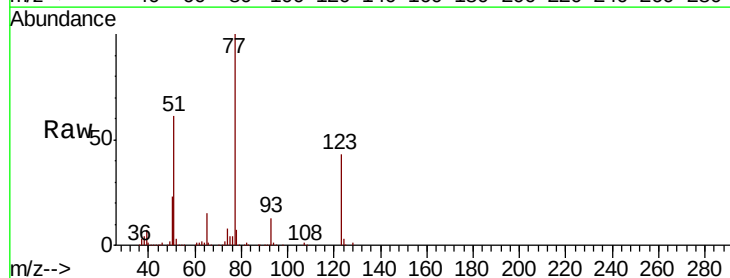


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

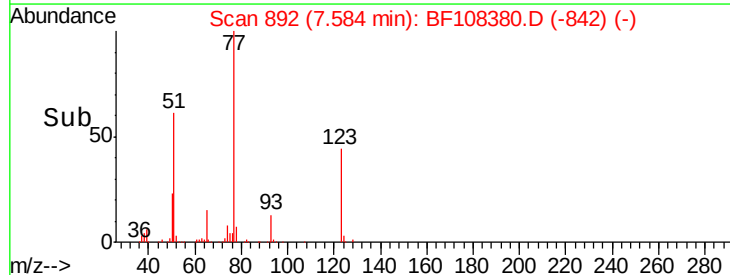
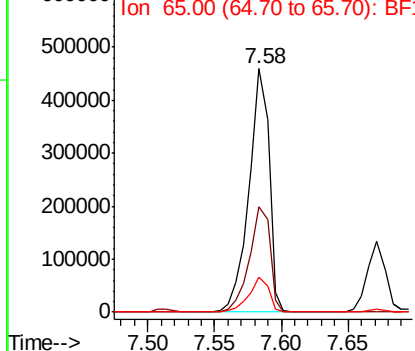


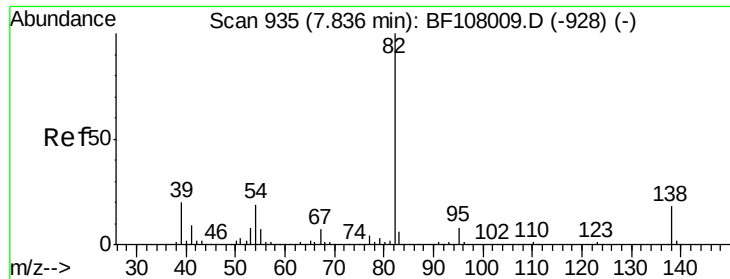
#24
 Nitrobenzene
 Concen: 42.523 ng
 RT: 7.58 min Scan# 892
 Delta R.T. -0.01 min
 Lab File: BF108380.D
 Acq: 22 Aug 2018 13:56

Tgt Ion: 77 Resp: 471589
 Ion Ratio Lower Upper
 77 100
 123 43.5 37.9 56.9
 65 14.6 11.0 16.4



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





#25

Isophorone

Concen: 42.351 ng

RT: 7.82 min Scan# 932

Delta R.T. -0.01 min

Lab File: BF108380.D

Acq: 22 Aug 2018 13:56

Instrument :

BNA_F

ClientSampleId :

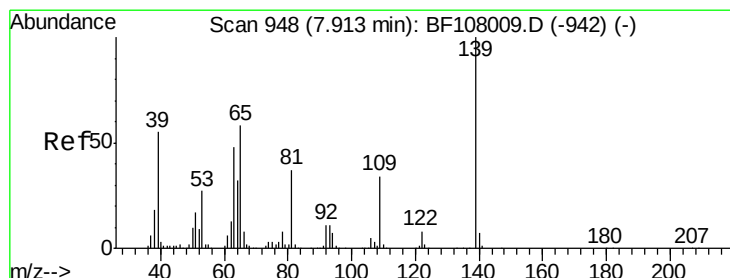
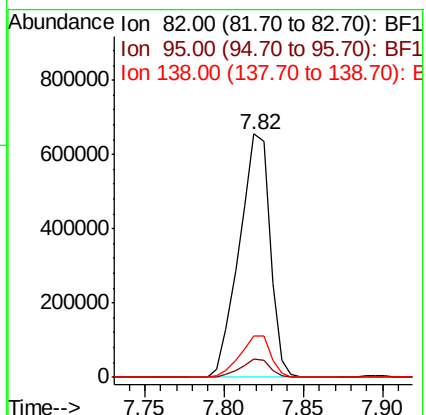
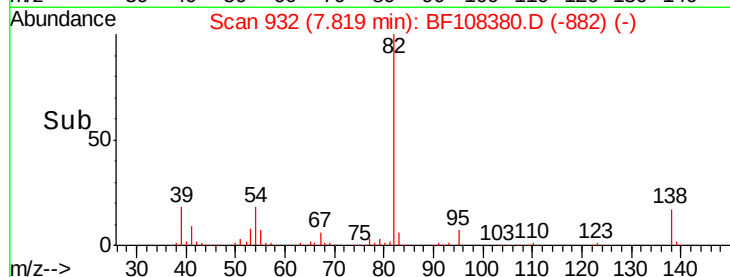
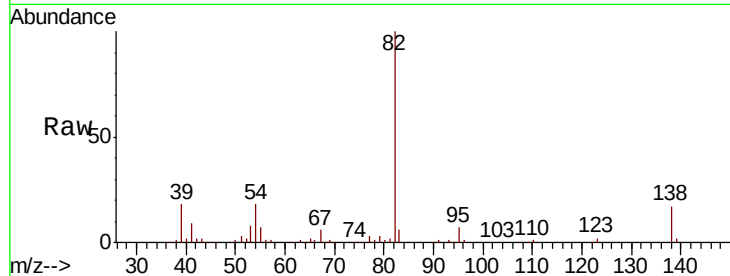
Tot Ion: 82 Resp: 885301

Ion Ratio Lower Upper

82 100

95 7.3 5.2 7.8

138 16.8 14.9 22.3



#26

2-Nitrophenol

Concen: 51.805 ng

RT: 7.90 min Scan# 946

Delta R.T. -0.01 min

Lab File: BF108380.D

Acq: 22 Aug 2018 13:56

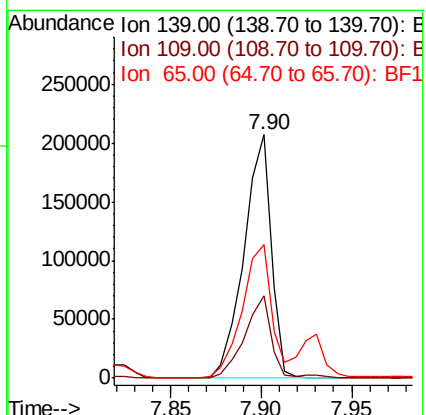
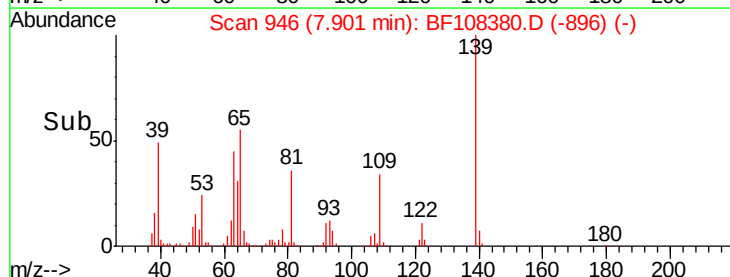
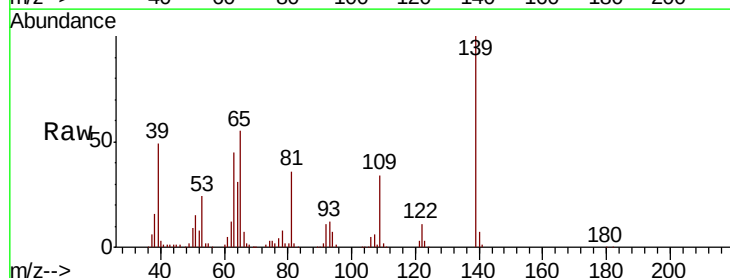
Tgt Ion: 139 Resp: 216970

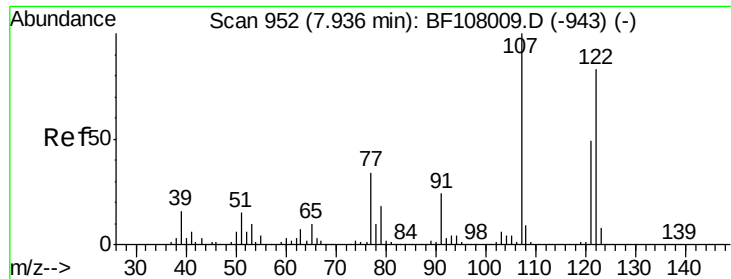
Ion Ratio Lower Upper

139 100

109 33.6 22.7 34.1

65 54.9 40.5 60.7

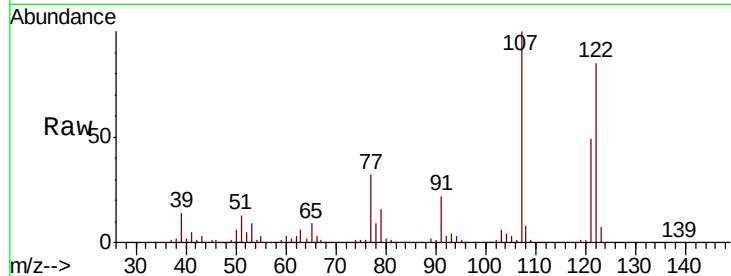




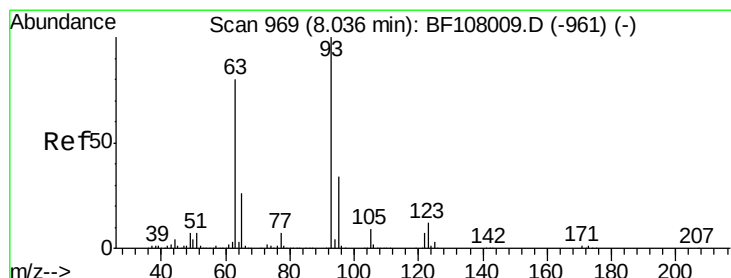
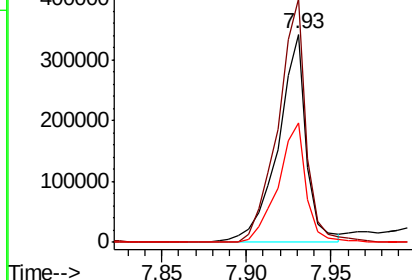
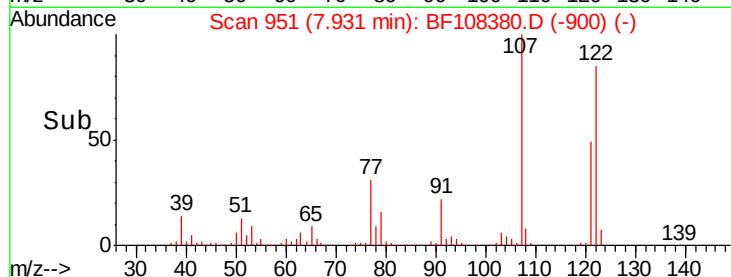
#27
 2,4-Dimethylphenol
 Concen: 43.337 ng
 RT: 7.93 min Scan# 951
 Delta R.T. -0.00 min
 Lab File: BF108380.D
 Acq: 22 Aug 2018 13:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:122 Resp: 402079
 Ion Ratio Lower Upper
 122 100
 107 117.0 91.2 136.8
 121 57.5 47.2 70.8

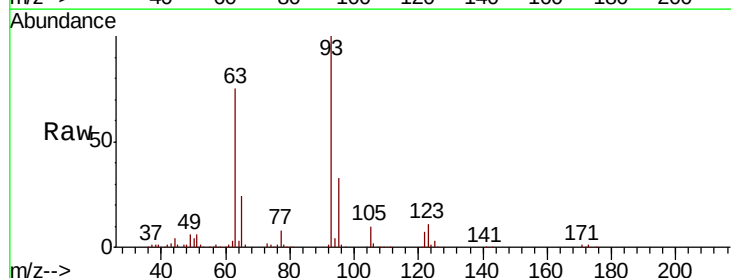


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

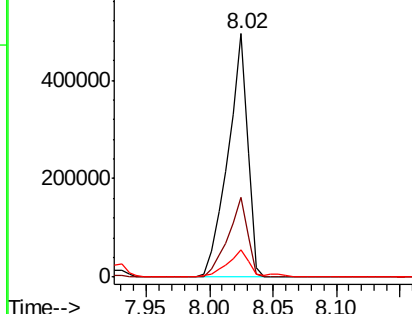
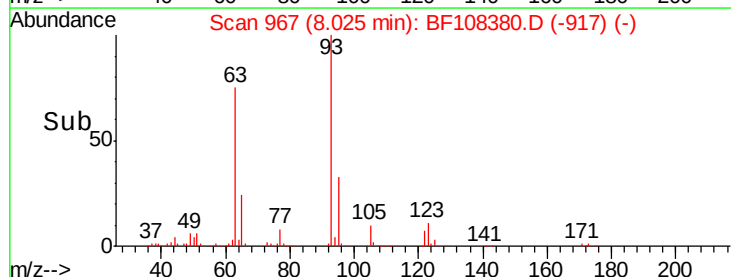


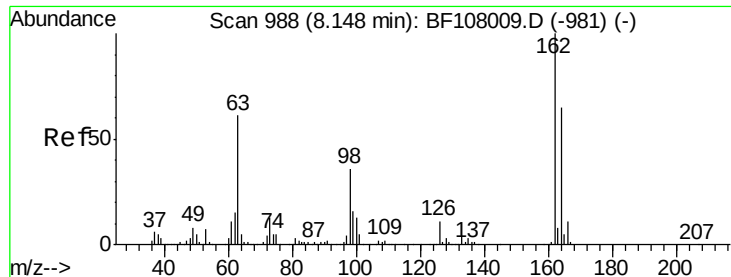
#28
 bis(2-Chloroethoxy)methane
 Concen: 43.586 ng
 RT: 8.02 min Scan# 967
 Delta R.T. -0.01 min
 Lab File: BF108380.D
 Acq: 22 Aug 2018 13:56

Tgt Ion: 93 Resp: 531898
 Ion Ratio Lower Upper
 93 100
 95 32.8 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

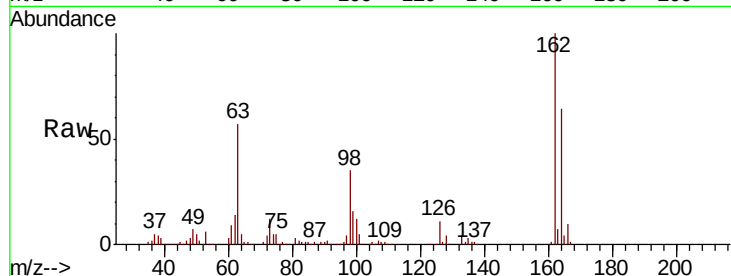




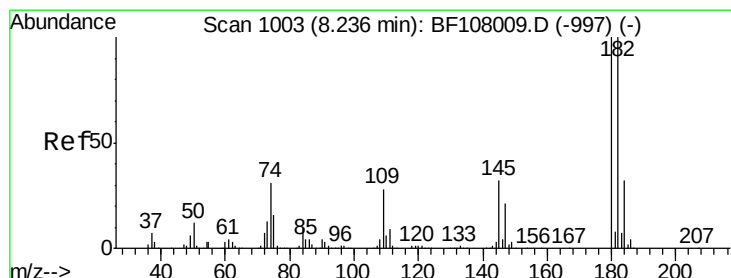
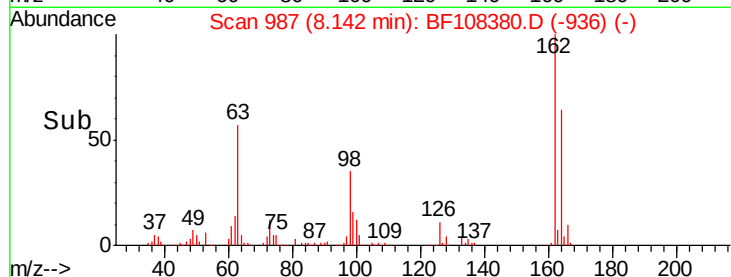
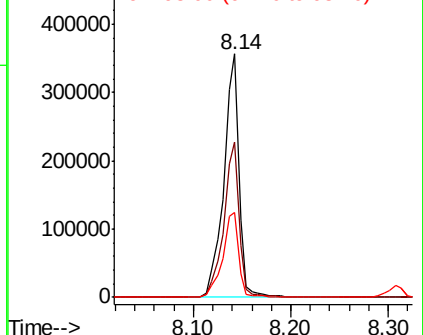
#29
2,4-Dichlorophenol
Concen: 45.331 ng
RT: 8.14 min Scan# 987
Delta R.T. -0.00 min
Lab File: BF108380.D
Acq: 22 Aug 2018 13:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.0	42.7	82.7
98	35.0	18.1	58.1

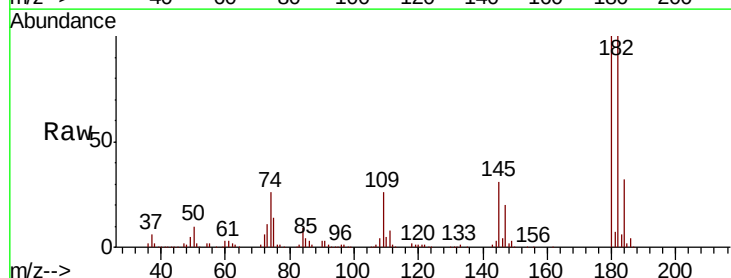


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

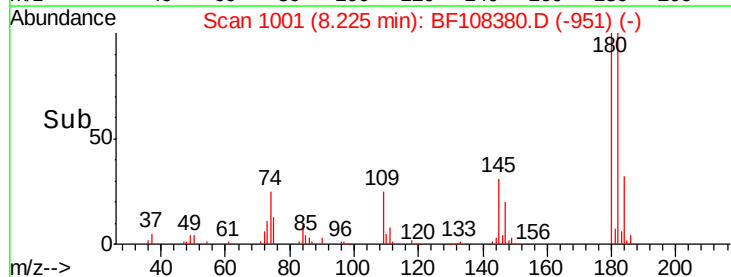
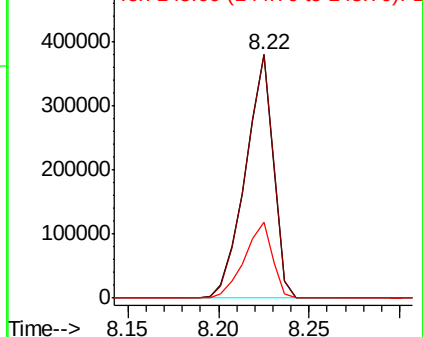


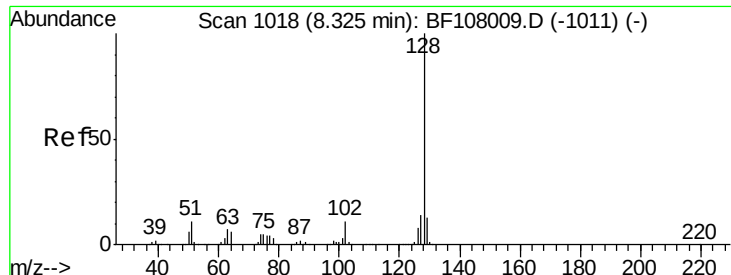
#30
1,2,4-Trichlorobenzene
Concen: 43.049 ng
RT: 8.22 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF108380.D
Acq: 22 Aug 2018 13:56

Tgt Ion	Ratio	Lower	Upper
180	100		
182	100.1	76.8	115.2
145	31.1	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

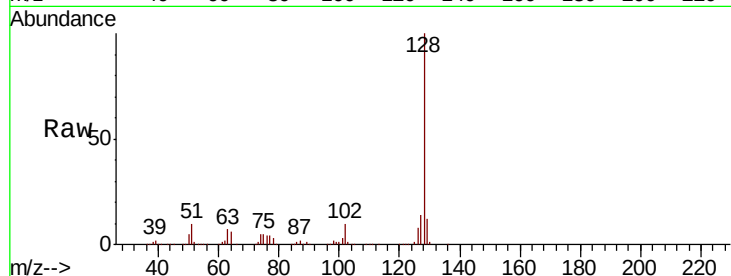




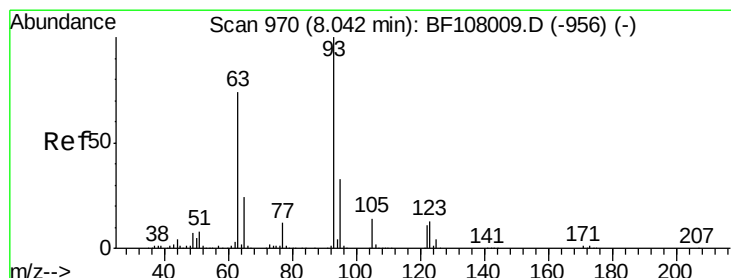
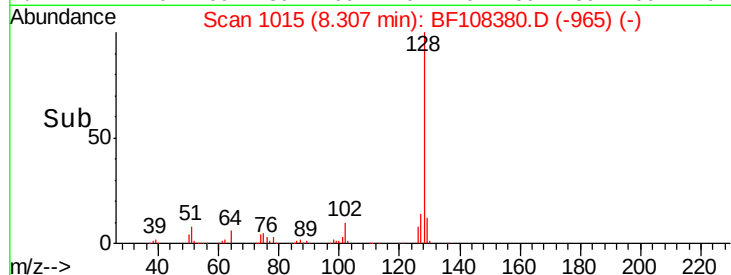
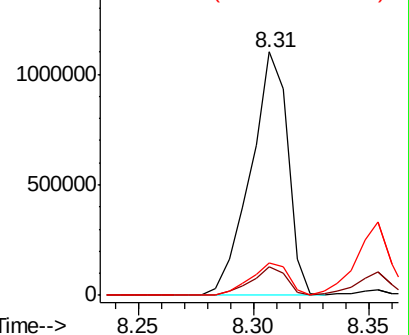
#31
Naphthalene
Concen: 44.202 ng
RT: 8.31 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF108380.D
Acq: 22 Aug 2018 13:56

Instrument :
BNA_F
ClientSampled :

Tot Ion:128 Resp: 1230243
Ion Ratio Lower Upper
128 100
129 12.0 8.8 13.2
127 13.5 10.9 16.3

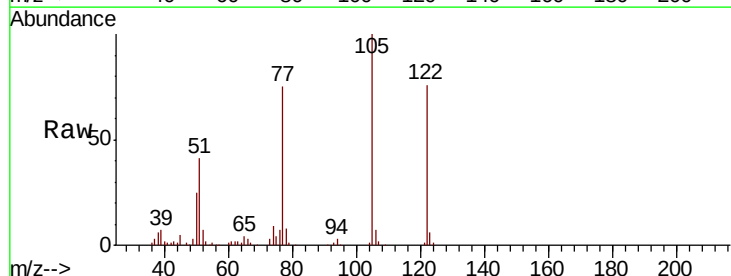


Abundance Ion 128.00 (127.70 to 128.70): E
1500000 Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

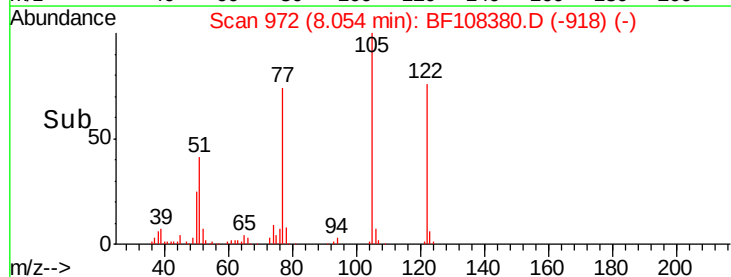
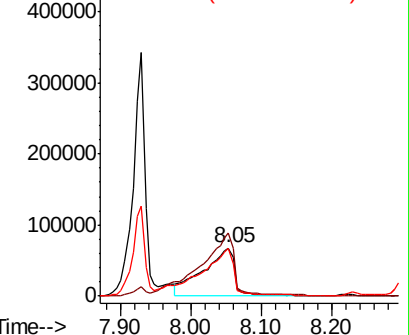


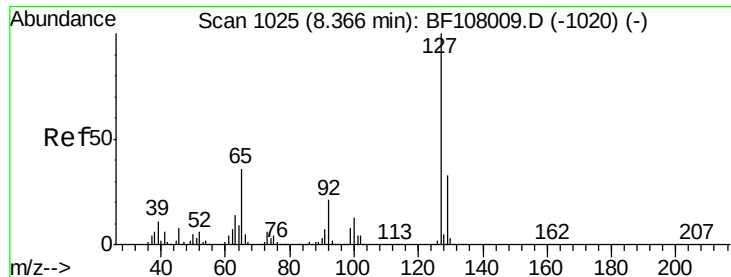
#32
Benzoic acid
Concen: 40.068 ng
RT: 8.05 min Scan# 972
Delta R.T. 0.02 min
Lab File: BF108380.D
Acq: 22 Aug 2018 13:56

Tgt Ion:122 Resp: 209653
Ion Ratio Lower Upper
122 100
105 130.8 101.1 141.1
77 98.7 70.7 110.7



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

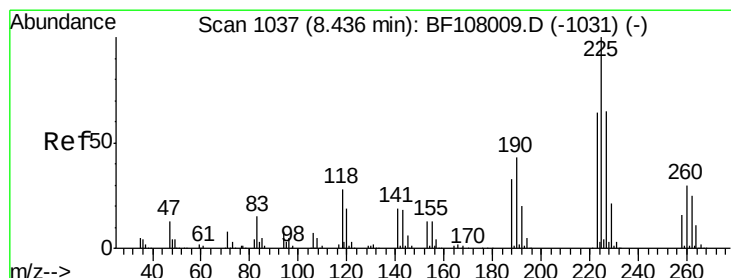
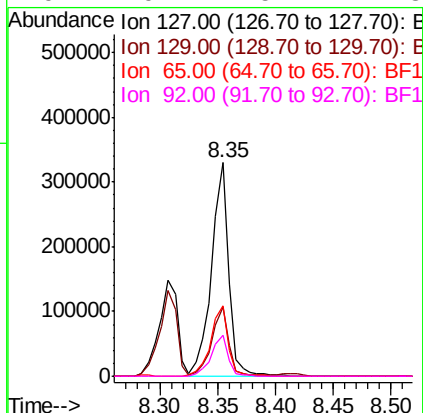
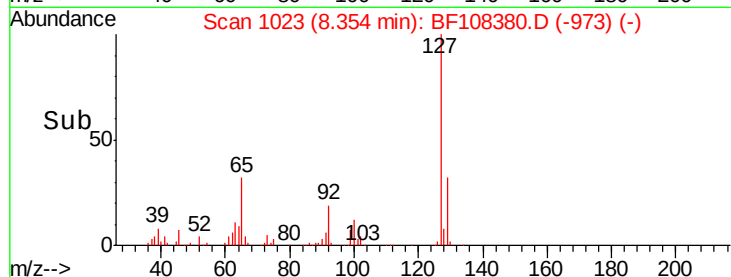
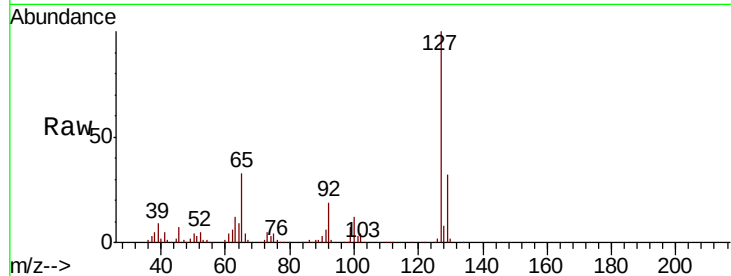




#33
4-Chloroaniline
Concen: 28.134 ng
RT: 8.35 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF108380.D
Acq: 22 Aug 2018 13:56

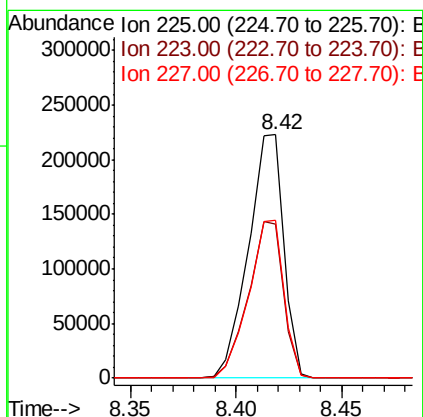
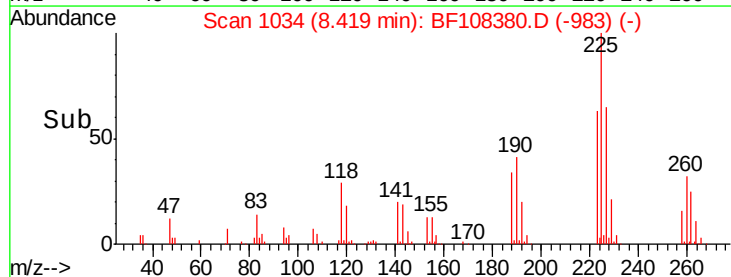
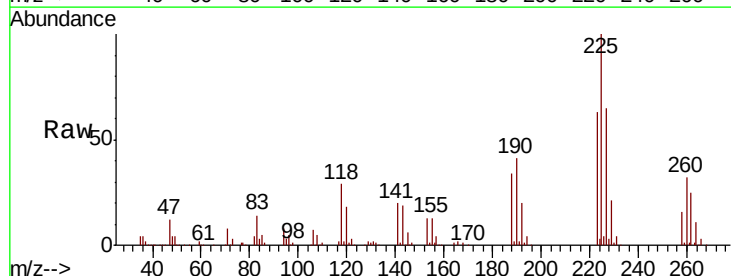
Instrument :
BNA_F
ClientSampled :

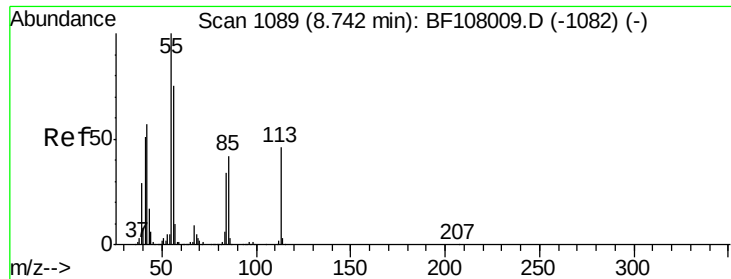
Tot Ion:	127	Resp:	341238
Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.9	38.9
65	33.1	25.0	37.4
92	19.2	15.2	22.8



#34
Hexachlorobutadiene
Concen: 43.667 ng
RT: 8.42 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BF108380.D
Acq: 22 Aug 2018 13:56

Tgt Ion:	225	Resp:	260221
Ion	Ratio	Lower	Upper
225	100		
223	63.0	50.6	76.0
227	64.8	51.9	77.9

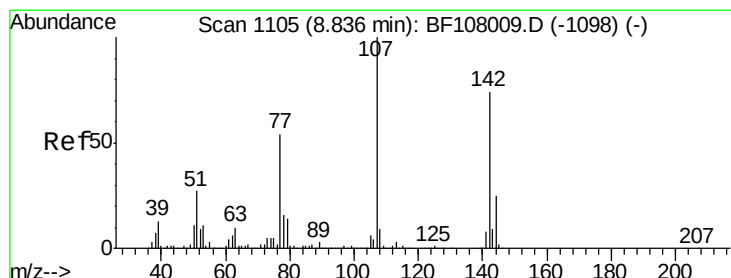
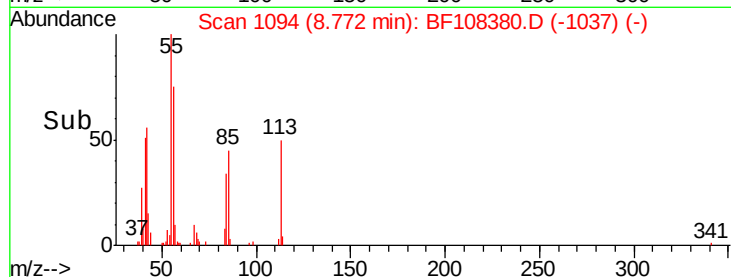
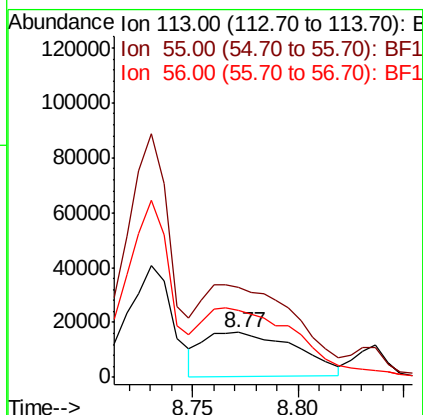
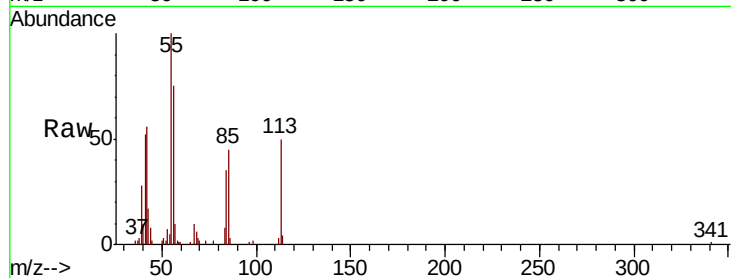




#35
 Caprolactam
 Concen: 18.586 ng
 RT: 8.77 min Scan# 1094
 Delta R.T. 0.04 min
 Lab File: BF108380.D
 Acq: 22 Aug 2018 13:56

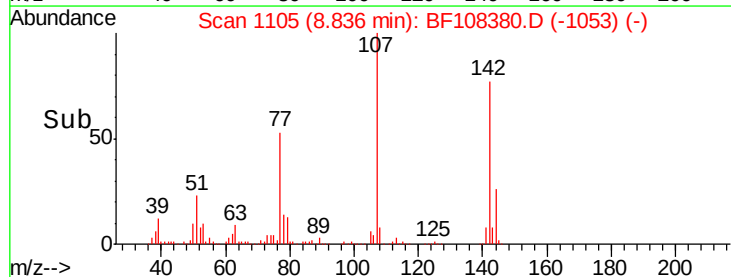
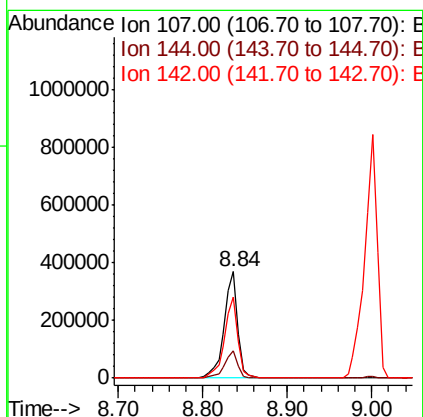
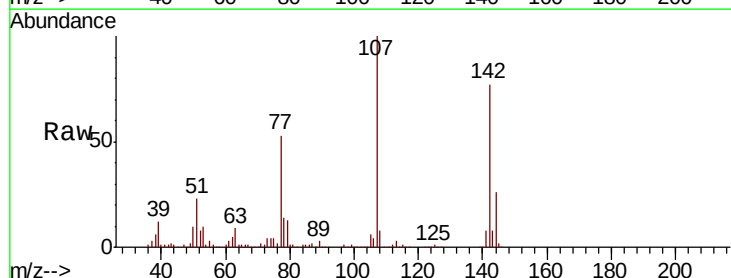
Instrument :
 BNA_F
 ClientSampled :

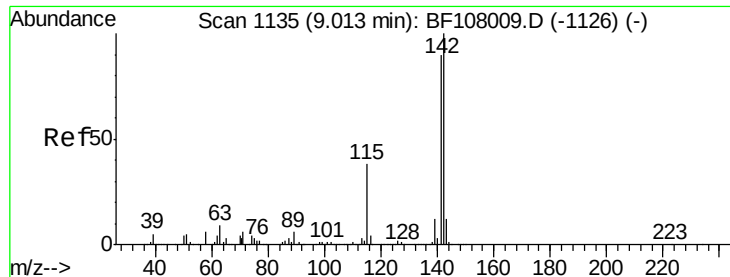
Tot Ion:113 Resp: 49728
 Ion Ratio Lower Upper
 113 100
 55 201.9 163.3 203.3
 56 151.3 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 44.793 ng
 RT: 8.84 min Scan# 1105
 Delta R.T. 0.01 min
 Lab File: BF108380.D
 Acq: 22 Aug 2018 13:56

Tgt Ion:107 Resp: 412575
 Ion Ratio Lower Upper
 107 100
 144 26.0 20.5 30.7
 142 76.6 62.0 93.0

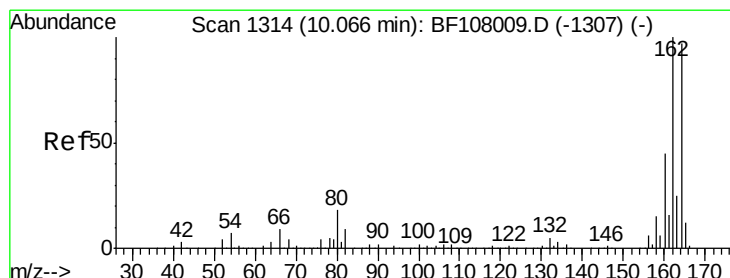
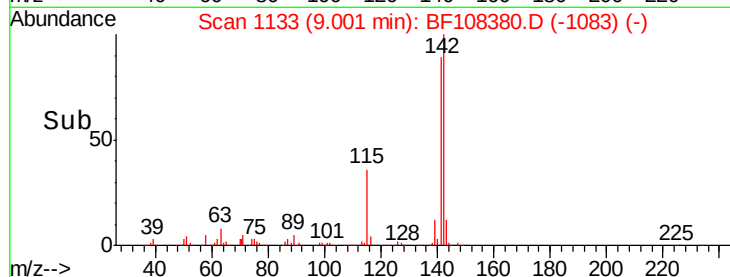
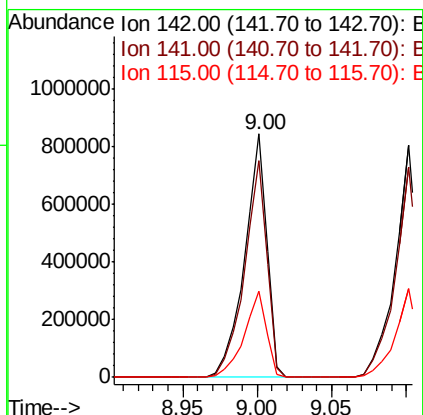
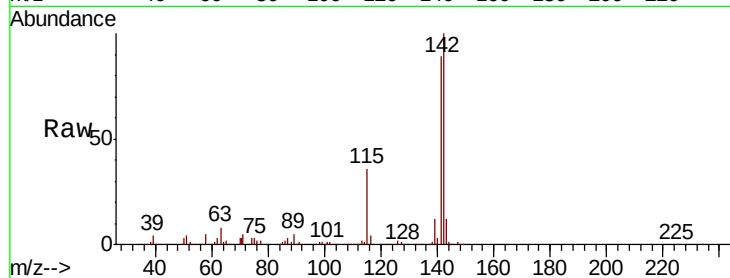




#37
 2-Methylnaphthalene
 Concen: 44.219 ng
 RT: 9.00 min Scan# 1133
 Delta R.T. -0.01 min
 Lab File: BF108380.D
 Acq: 22 Aug 2018 13:56

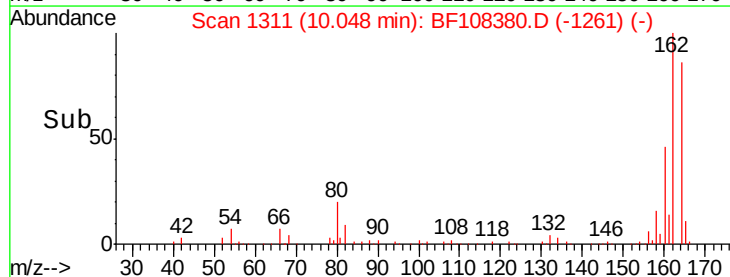
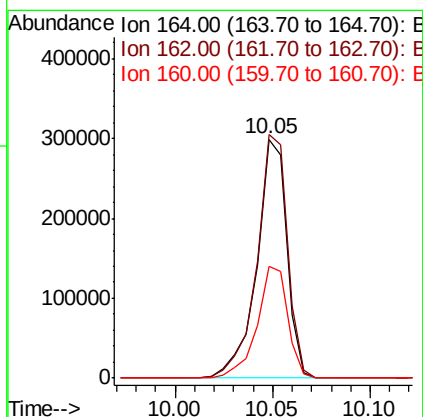
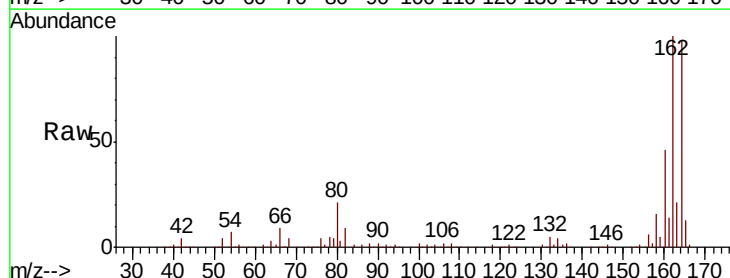
Instrument :
 BNA_F
 ClientSampleId :

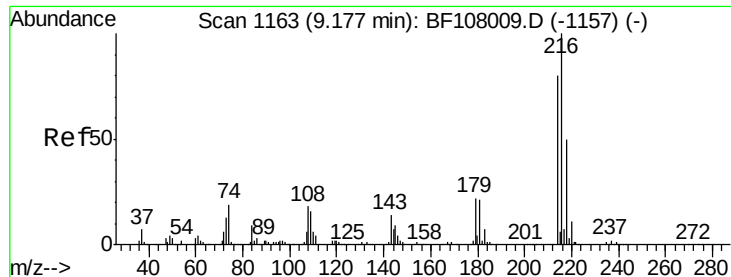
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.1	70.8	106.2
115	35.5	26.1	39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.05 min Scan# 1311
 Delta R.T. -0.01 min
 Lab File: BF108380.D
 Acq: 22 Aug 2018 13:56

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.9	86.1	129.1
160	46.6	38.3	57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 44.733 ng

RT: 9.17 min Scan# 1161

Delta R.T. -0.01 min

Lab File: BF108380.D

Acq: 22 Aug 2018 13:56

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 437292

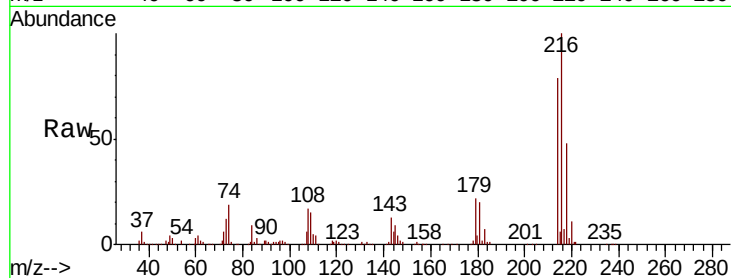
Ion Ratio Lower Upper

216 100

214 78.6 63.0 94.4

179 21.0 18.1 27.1

108 19.7 17.2 25.8

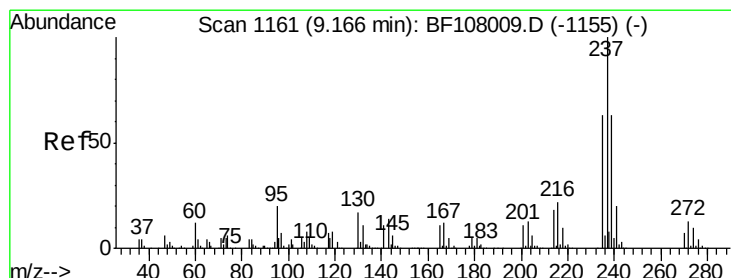
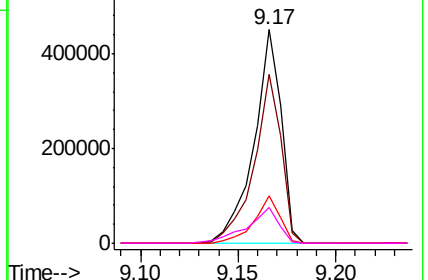
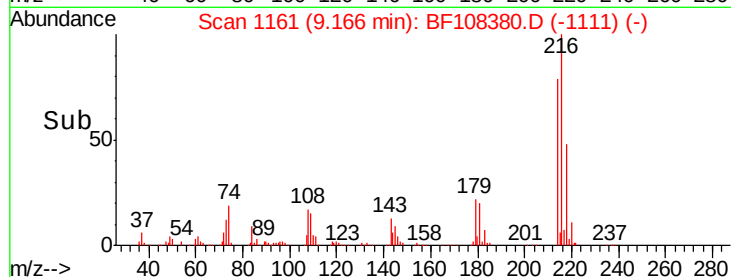


Abundance Ion 216.00 (215.70 to 216.70): E

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: 71.271 ng

RT: 9.15 min Scan# 1158

Delta R.T. -0.00 min

Lab File: BF108380.D

Acq: 22 Aug 2018 13:56

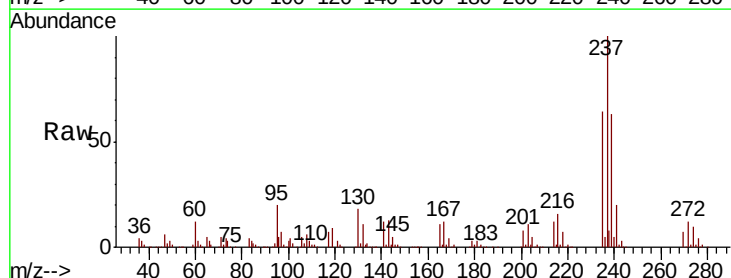
Tgt Ion:237 Resp: 450018

Ion Ratio Lower Upper

237 100

235 64.4 44.8 84.8

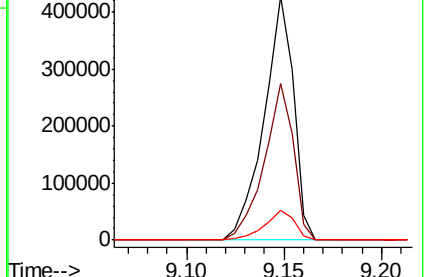
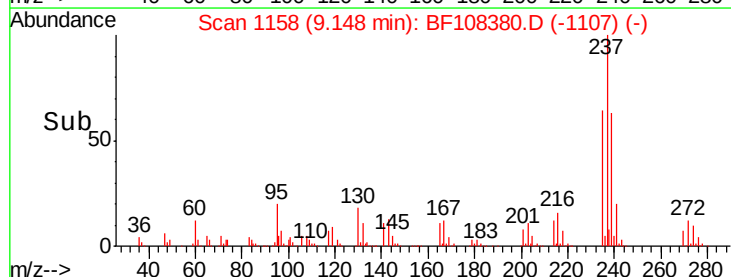
272 12.3 0.0 33.3

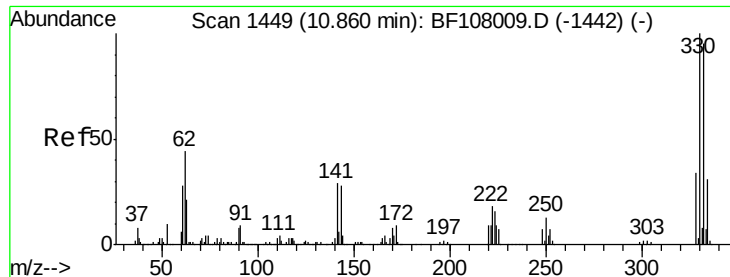


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

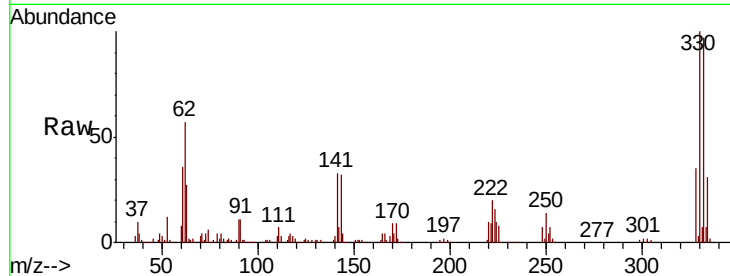




#41
 2,4,6-Tribromophenol
 Concen: 169.962 ng
 RT: 10.85 min Scan# 1447
 Delta R.T. -0.00 min
 Lab File: BF108380.D
 Acq: 22 Aug 2018 13:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	31.3	29.9	44.9

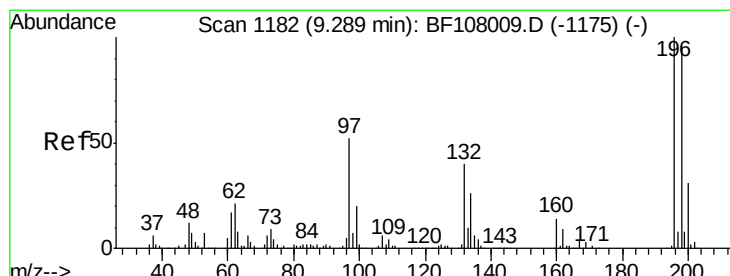
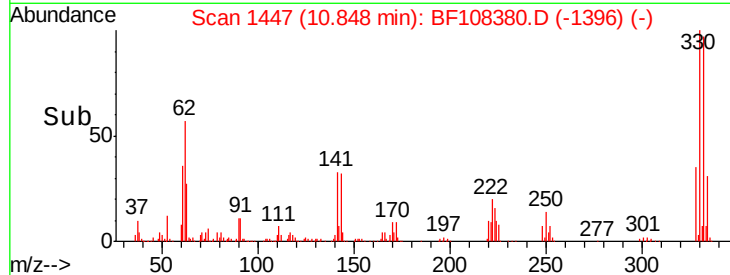
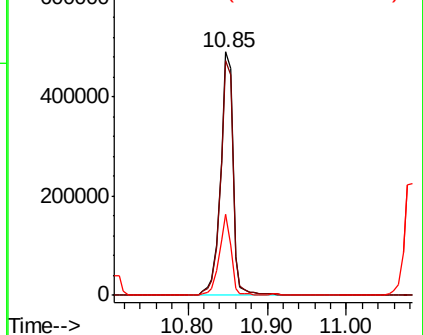


Abundance

Ion 329.80 (329.50 to 330.50): E

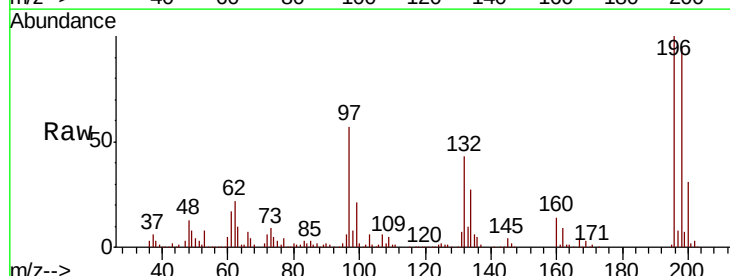
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 48.842 ng
 RT: 9.28 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: BF108380.D
 Acq: 22 Aug 2018 13:56

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.3	75.7	113.5
200	30.6	24.5	36.7

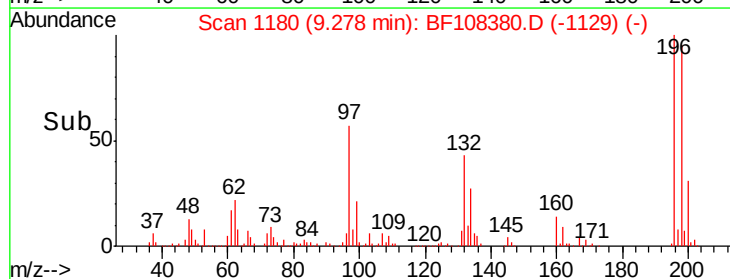
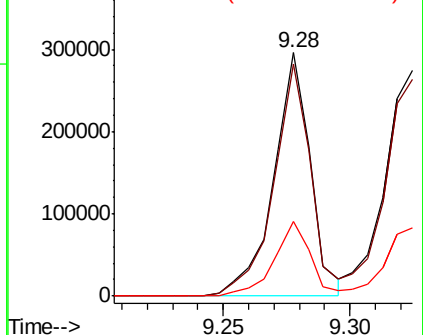


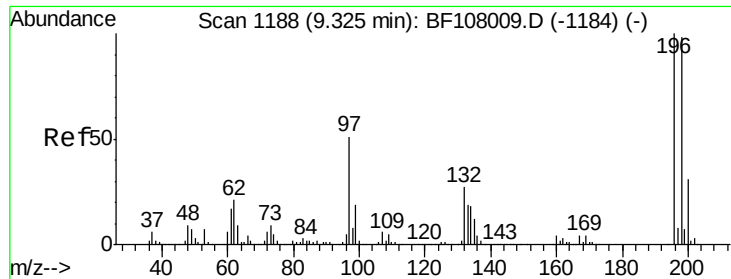
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

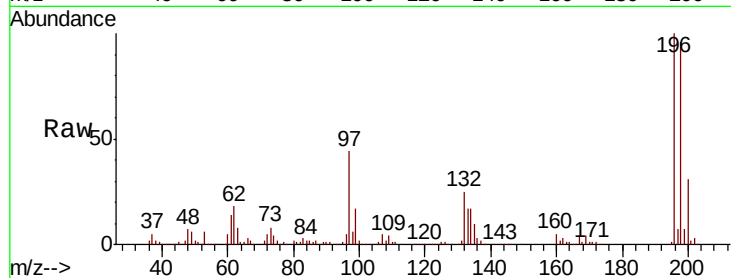




#43
 2,4,5-Trichlorophenol
 Concen: 46.892 ng
 RT: 9.32 min Scan# 1188
 Delta R.T. 0.01 min
 Lab File: BF108380.D
 Acq: 22 Aug 2018 13:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
196	100			
198	96.3	74.6	112.0	
97	44.2	42.9	64.3	
132	25.1	26.3	39.5	



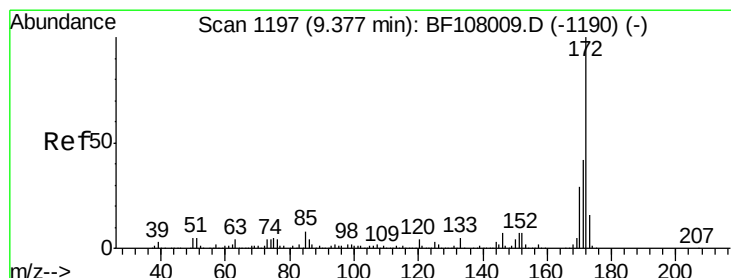
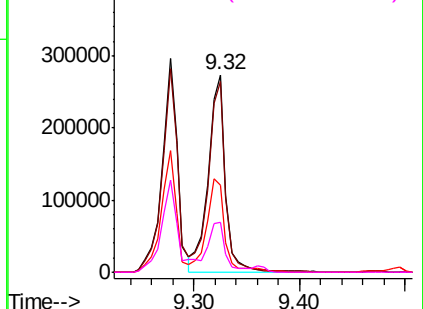
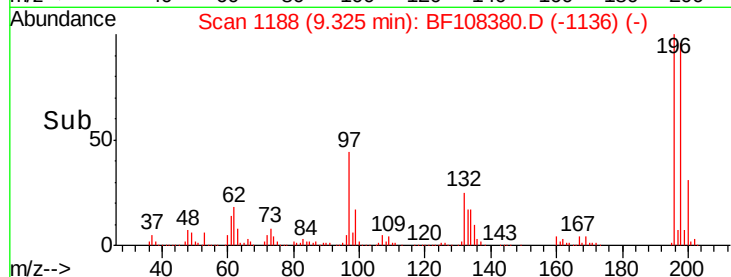
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

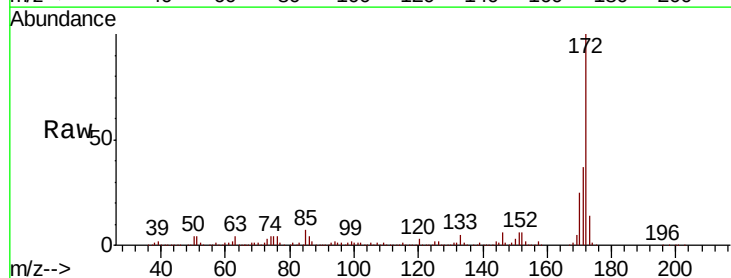
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 89.917 ng
 RT: 9.36 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF108380.D
 Acq: 22 Aug 2018 13:56

Tgt Ion	Ion	Ratio	Lower	Upper
172	100			
171	37.0	29.7	44.5	
170	25.3	19.6	29.4	

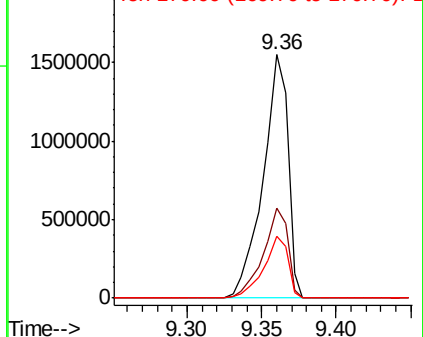
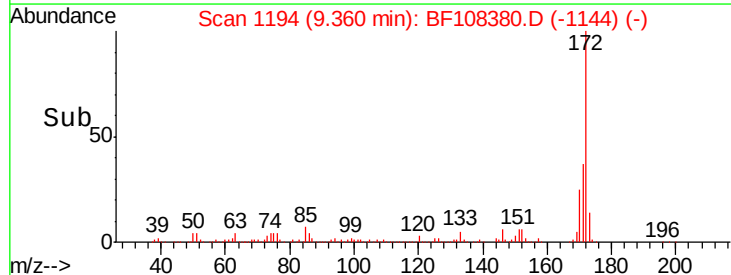


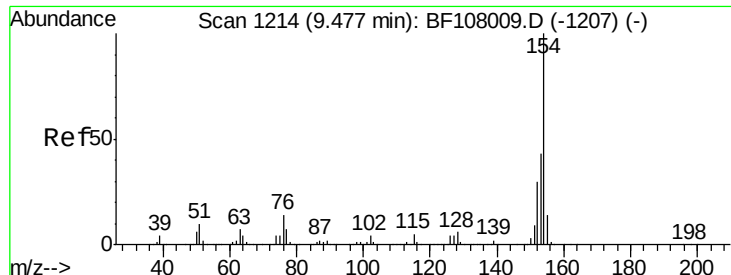
Abundance

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

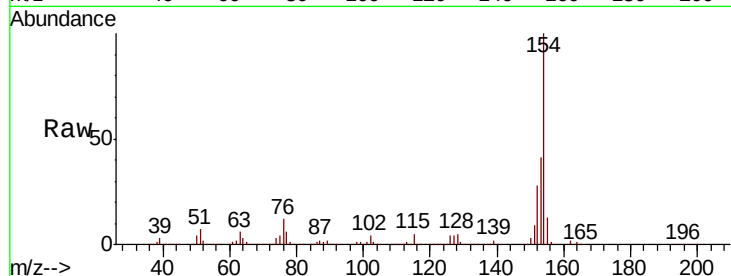




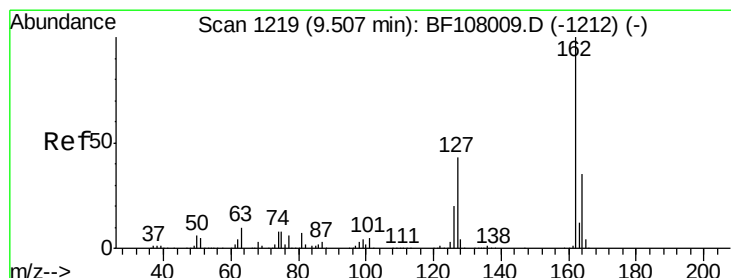
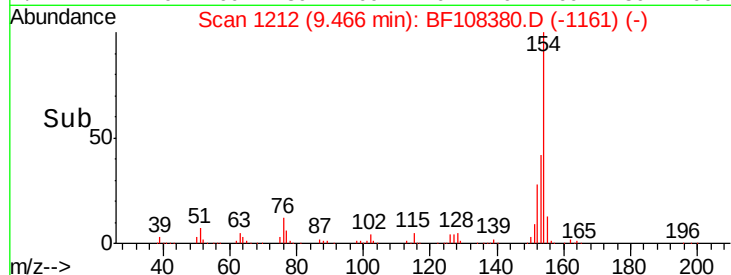
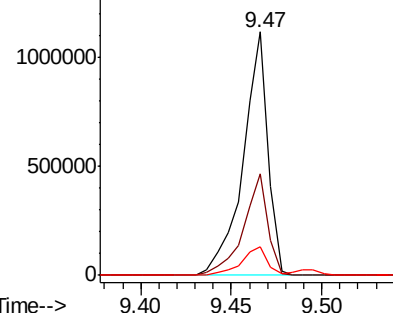
#45
 1,1'-Biphenyl
 Concen: 45.345 ng
 RT: 9.47 min Scan# 1212
 Delta R.T. -0.00 min
 Lab File: BF108380.D
 Acq: 22 Aug 2018 13:56

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:154 Resp: 1064277
 Ion Ratio Lower Upper
 154 100
 153 41.5 21.3 61.3
 76 11.8 0.0 34.0

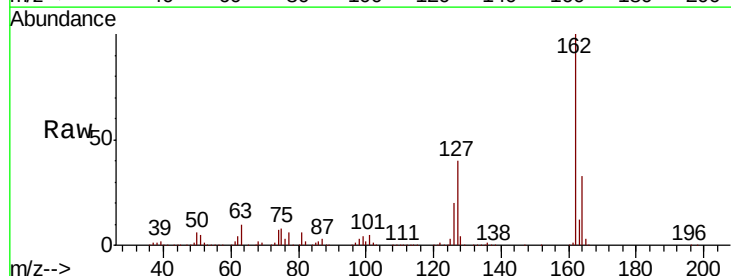


Abundance Ion 154.00 (153.70 to 154.70): E
 1500000 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

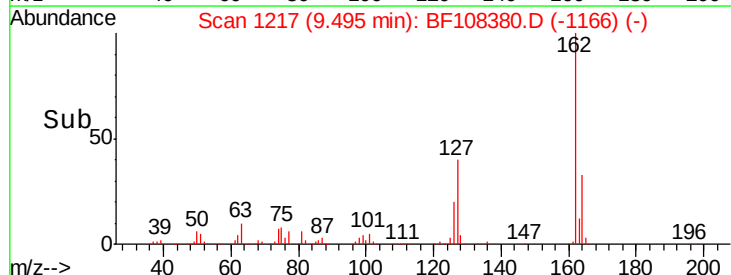
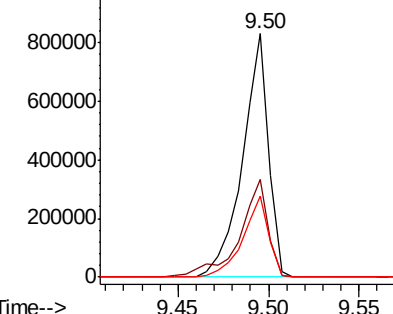


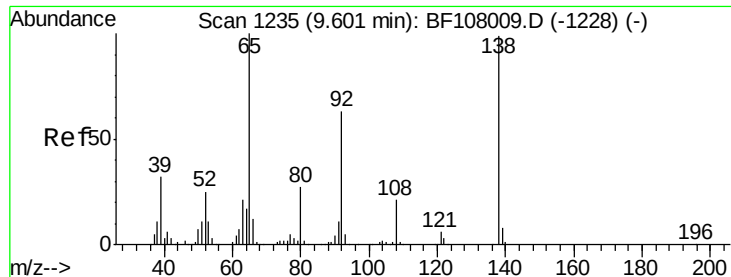
#46
 2-Chloronaphthalene
 Concen: 44.533 ng
 RT: 9.50 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: BF108380.D
 Acq: 22 Aug 2018 13:56

Tgt Ion:162 Resp: 826105
 Ion Ratio Lower Upper
 162 100
 127 40.3 33.9 50.9
 164 33.1 26.5 39.7



Abundance Ion 162.00 (161.70 to 162.70): E
 1000000 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 46.102 ng

RT: 9.59 min Scan# 1233

Delta R.T. -0.00 min

Lab File: BF108380.D

Acq: 22 Aug 2018 13:56

Instrument :

BNA_F

ClientSampleId :

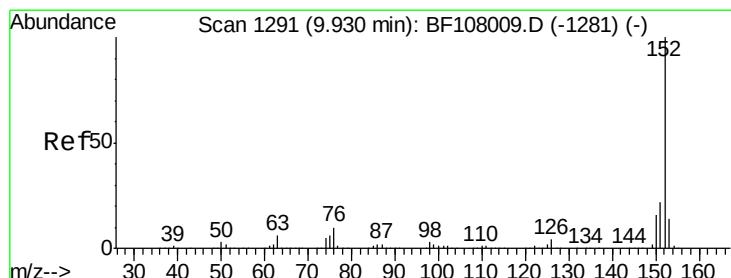
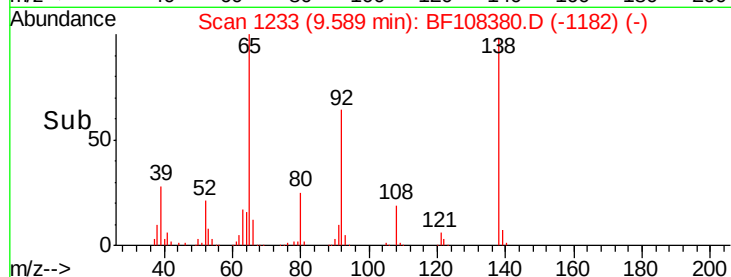
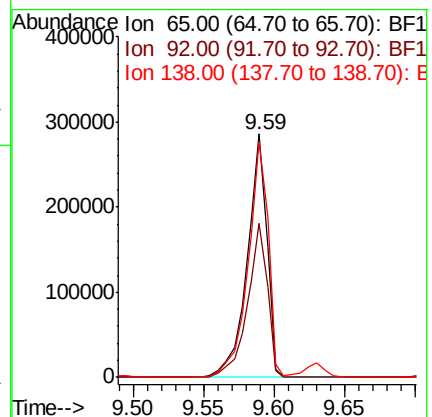
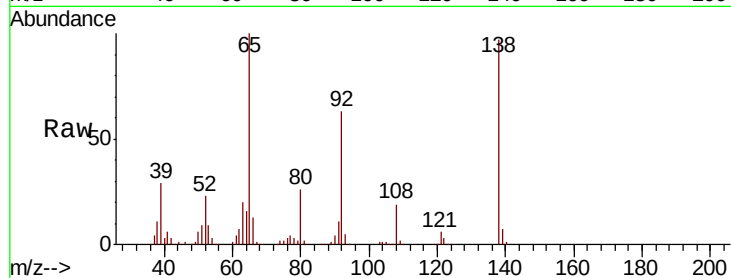
Tot Ion: 65 Resp: 276712

Ion Ratio Lower Upper

65 100

92 63.3 55.8 83.6

138 97.0 91.2 136.8



#48

Acenaphthylene

Concen: 44.832 ng

RT: 9.91 min Scan# 1288

Delta R.T. -0.01 min

Lab File: BF108380.D

Acq: 22 Aug 2018 13:56

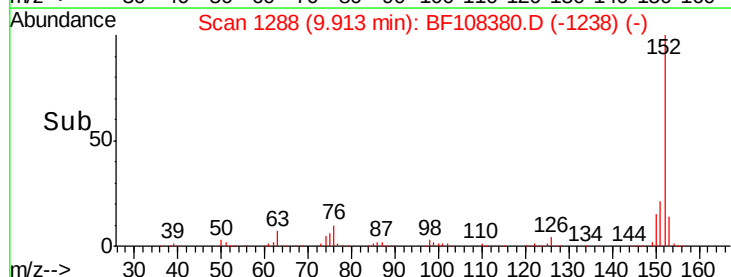
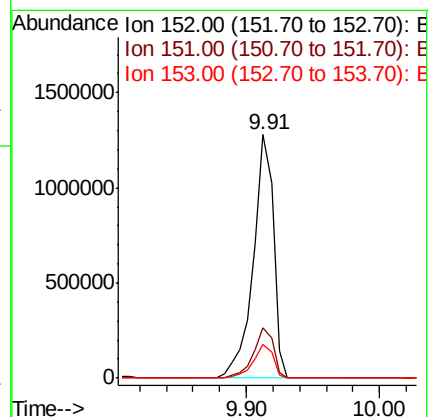
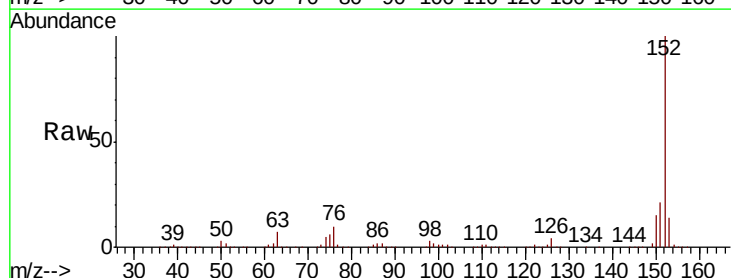
Tgt Ion: 152 Resp: 1314783

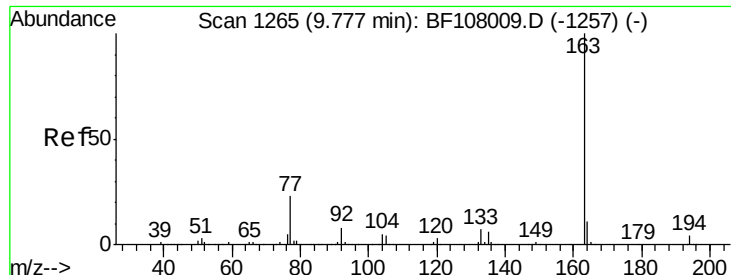
Ion Ratio Lower Upper

152 100

151 20.8 16.3 24.5

153 13.8 10.7 16.1

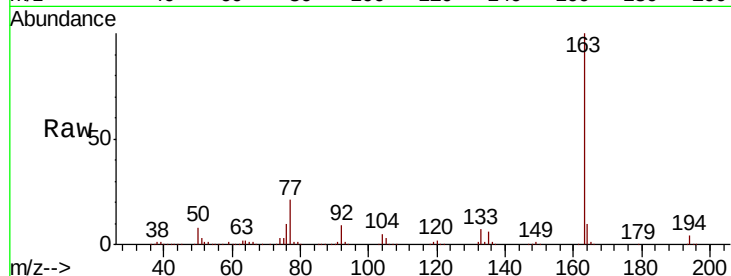




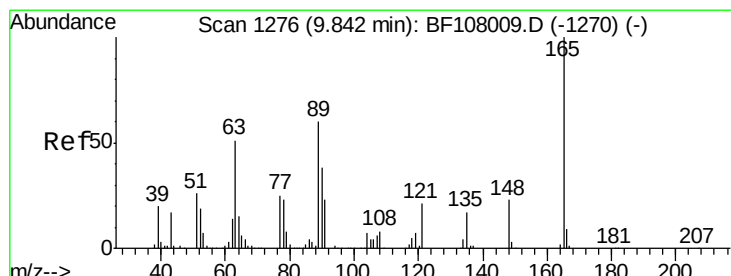
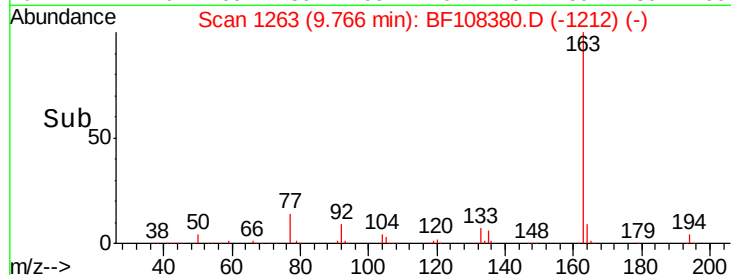
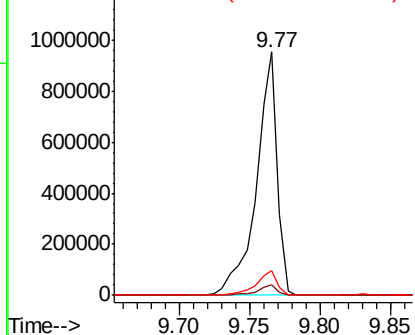
#49
Dimethylphthalate
Concen: 44.797 ng
RT: 9.77 min Scan# 1263
Delta R.T. -0.00 min
Lab File: BF108380.D
Acq: 22 Aug 2018 13:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 993337
Ion Ratio Lower Upper
163 100
194 4.3 2.7 4.1#
164 10.2 8.2 12.2

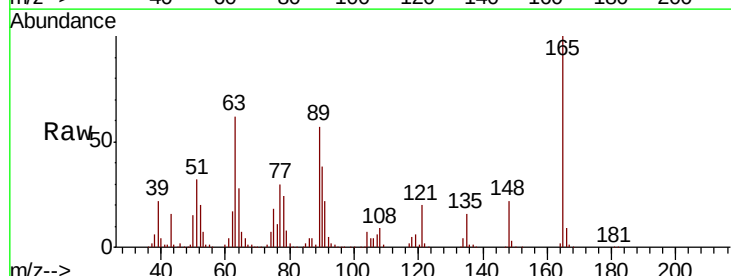


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

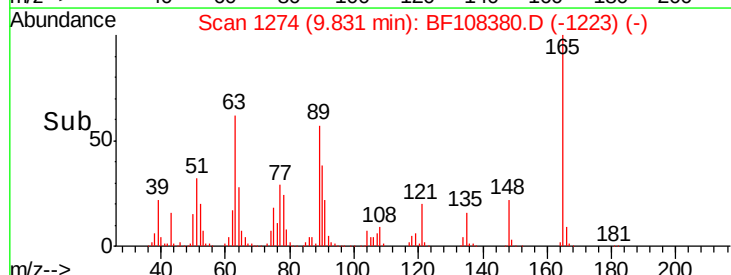
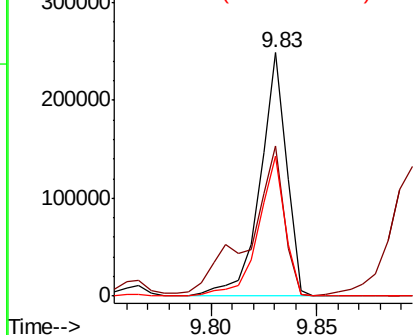


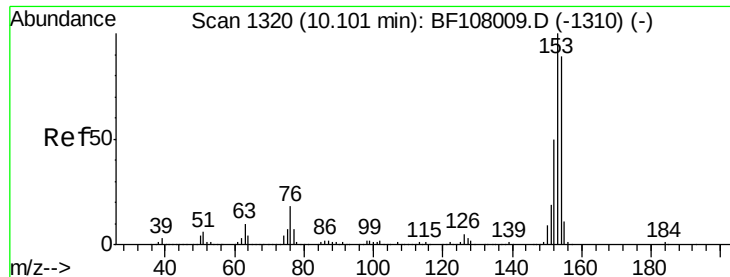
#50
2,6-Dinitrotoluene
Concen: 46.586 ng
RT: 9.83 min Scan# 1274
Delta R.T. -0.00 min
Lab File: BF108380.D
Acq: 22 Aug 2018 13:56

Tgt Ion:165 Resp: 216128
Ion Ratio Lower Upper
165 100
63 61.9 44.7 67.1
89 57.4 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: 42.911 ng

RT: 10.08 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF108380.D

Acq: 22 Aug 2018 13:56

Instrument :

BNA_F

ClientSampleId :

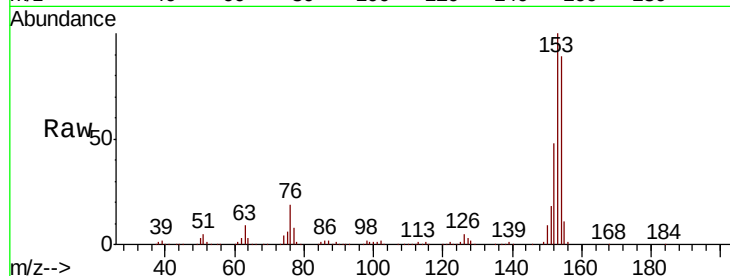
Tot Ion:154 Resp: 770791

Ion Ratio Lower Upper

154 100

153 112.5 91.2 136.8

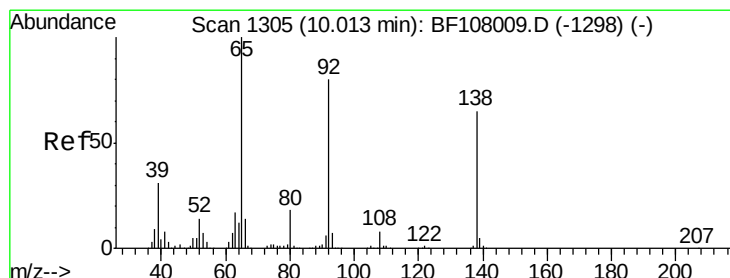
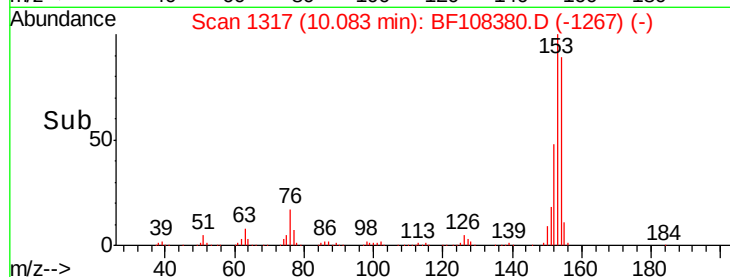
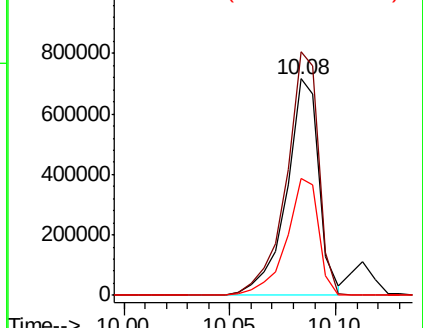
152 53.9 43.8 65.8



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: 34.321 ng

RT: 10.00 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF108380.D

Acq: 22 Aug 2018 13:56

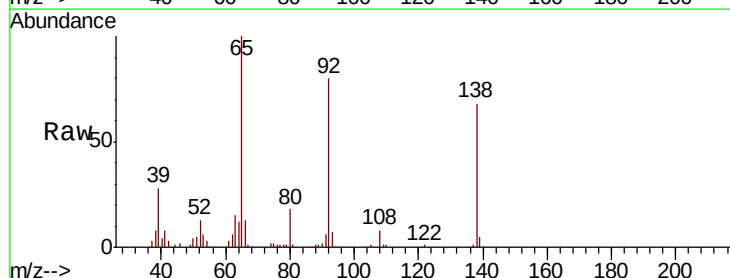
Tgt Ion:138 Resp: 174213

Ion Ratio Lower Upper

138 100

108 11.3 9.4 14.0

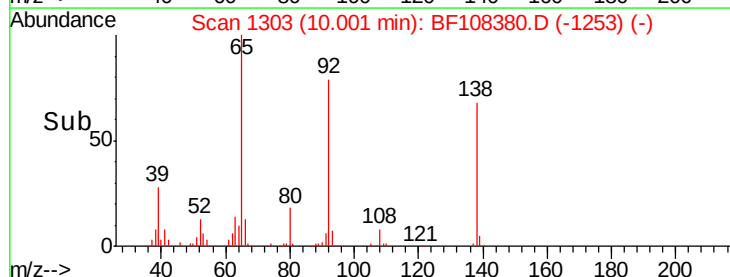
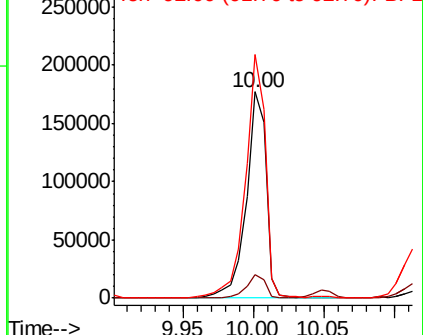
92 117.9 89.4 134.2

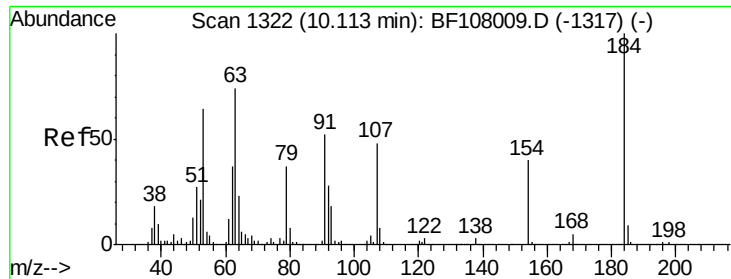


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

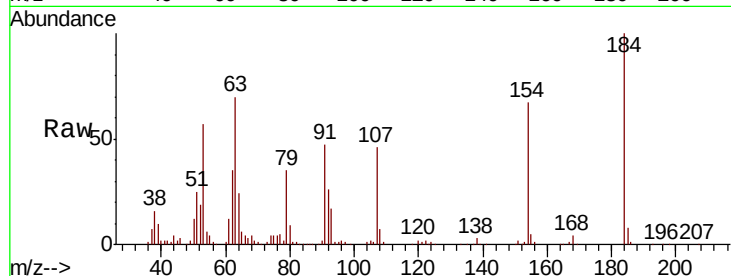




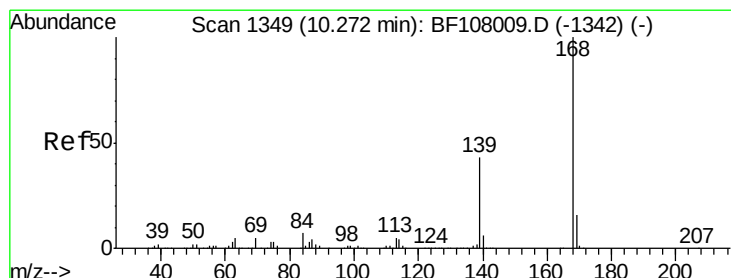
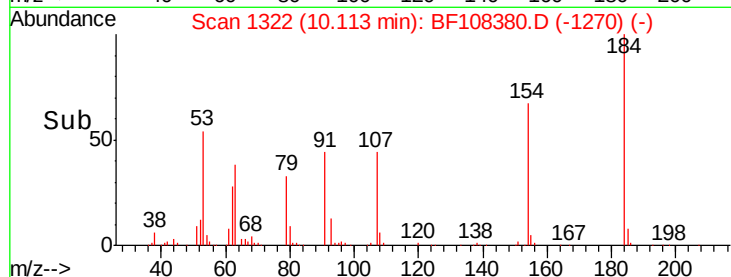
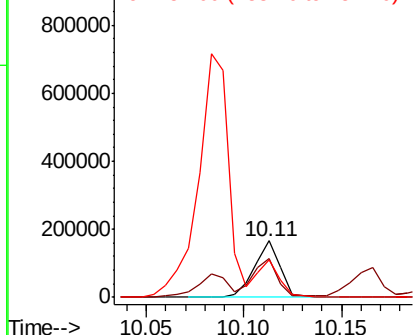
#53
2,4-Dinitrophenol
Concen: 88.052 ng
RT: 10.11 min Scan# 1322
Delta R.T. 0.01 min
Lab File: BF108380.D
Acq: 22 Aug 2018 13:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 154224
Ion Ratio Lower Upper
184 100
63 69.8 54.2 81.2
154 66.9 184.0 276.0#

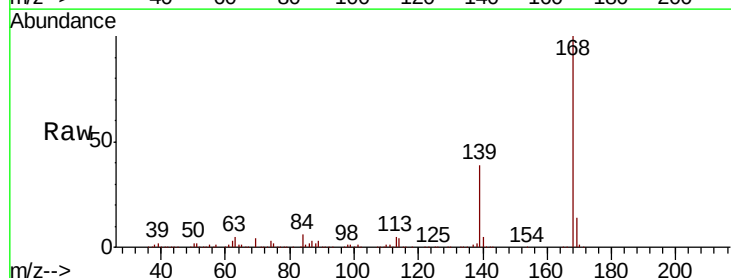


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

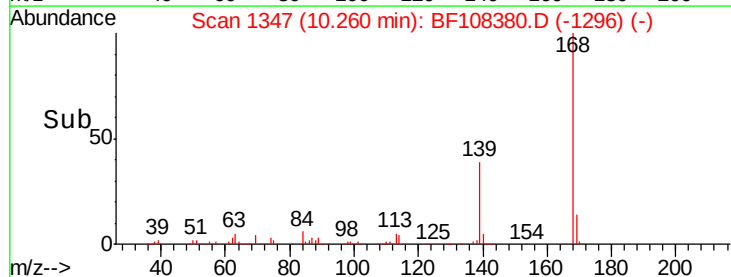
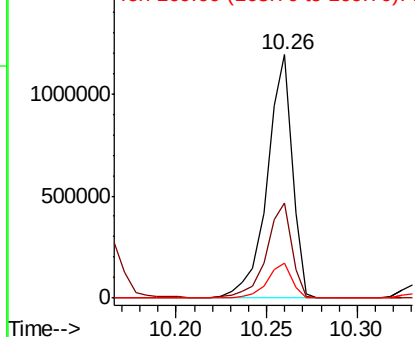


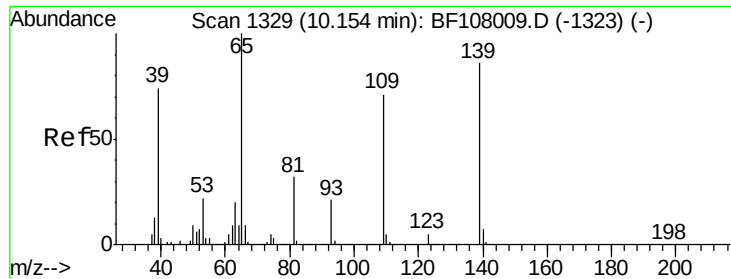
#54
Dibenzofuran
Concen: 44.039 ng
RT: 10.26 min Scan# 1347
Delta R.T. -0.00 min
Lab File: BF108380.D
Acq: 22 Aug 2018 13:56

Tgt Ion:168 Resp: 1146061
Ion Ratio Lower Upper
168 100
139 39.0 30.1 45.1
169 14.5 10.9 16.3



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

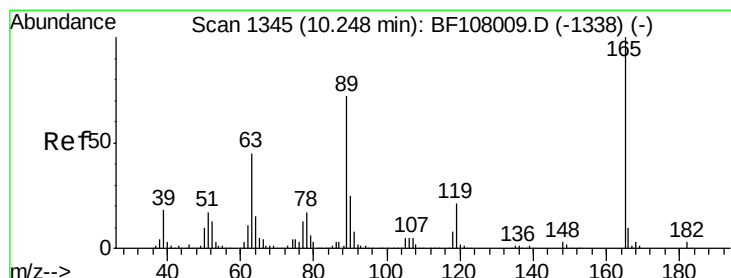
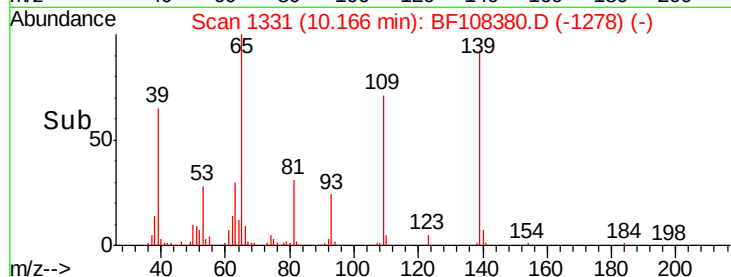
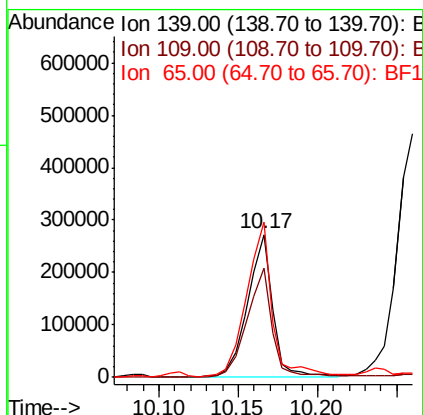
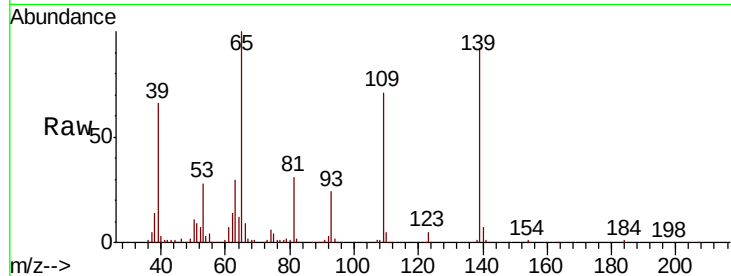




#55
4-Nitrophenol
Concen: 77.522 ng
RT: 10.17 min Scan# 1331
Delta R.T. 0.01 min
Lab File: BF108380.D
Acq: 22 Aug 2018 13:56

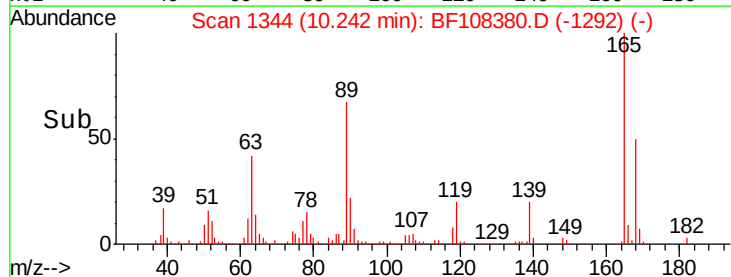
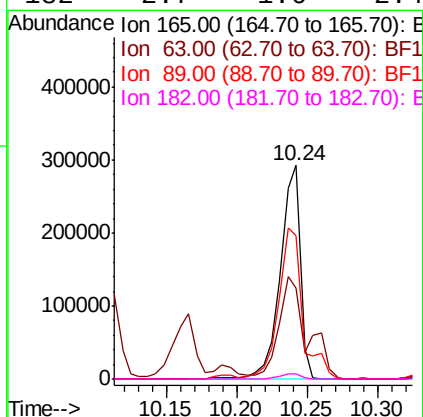
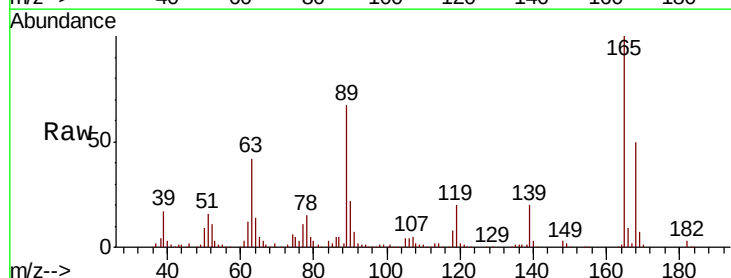
Instrument :
BNA_F
ClientSampleId :

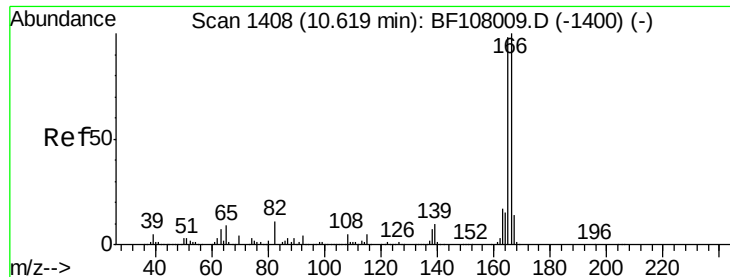
Tot Ion:139 Resp: 297979
Ion Ratio Lower Upper
139 100
109 76.6 48.4 88.4
65 108.6 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 48.379 ng
RT: 10.24 min Scan# 1344
Delta R.T. 0.01 min
Lab File: BF108380.D
Acq: 22 Aug 2018 13:56

Tgt Ion:165 Resp: 288906
Ion Ratio Lower Upper
165 100
63 42.4 36.4 54.6
89 67.2 57.8 86.6
182 2.7 1.6 2.4#

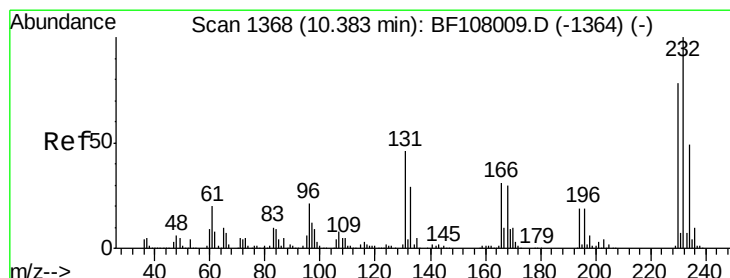
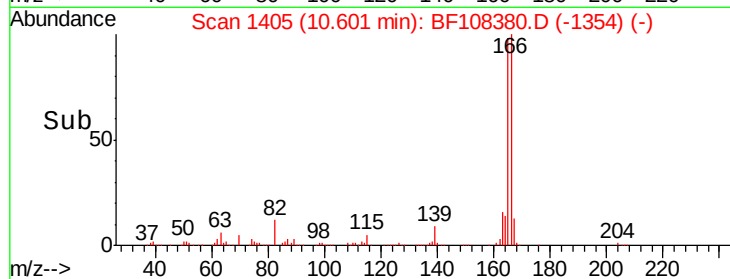
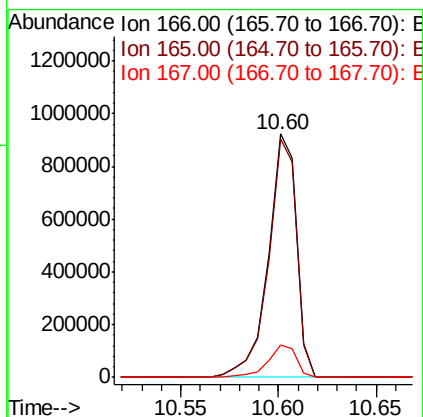
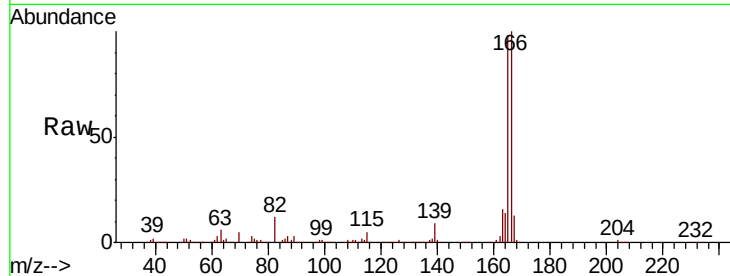




#57
 Fluorene
 Concen: 44.900 ng
 RT: 10.60 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: BF108380.D
 Acq: 22 Aug 2018 13:56

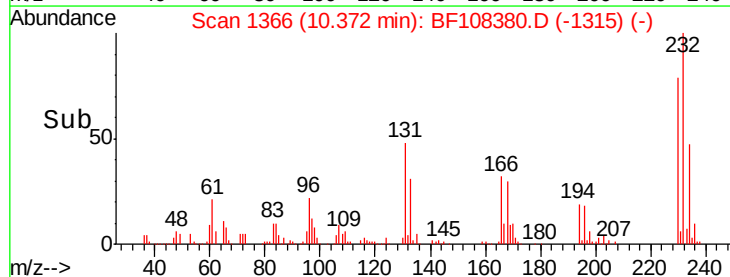
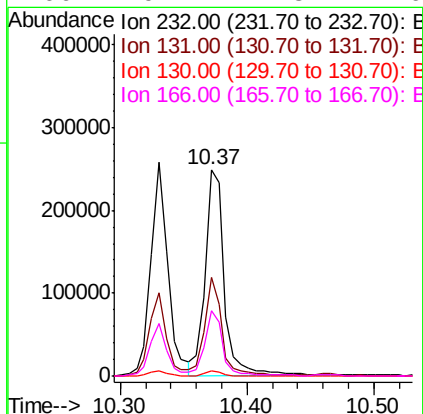
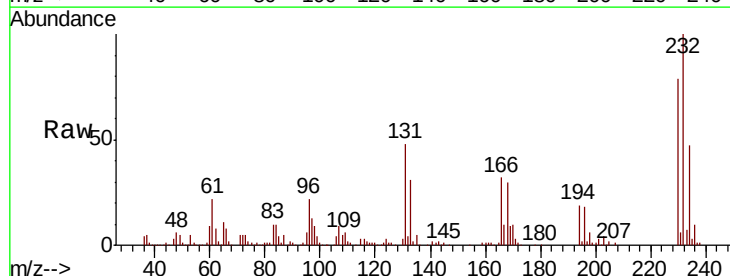
Instrument :
 BNA_F
 ClientSampleId :

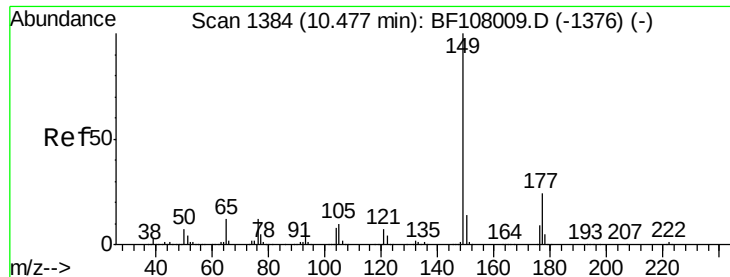
Tot Ion:166 Resp: 924971
 Ion Ratio Lower Upper
 166 100
 165 98.0 79.8 119.8
 167 13.5 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 46.799 ng
 RT: 10.37 min Scan# 1366
 Delta R.T. -0.00 min
 Lab File: BF108380.D
 Acq: 22 Aug 2018 13:56

Tgt Ion:232 Resp: 261208
 Ion Ratio Lower Upper
 232 100
 131 42.5 43.8 65.8#
 130 2.3 2.1 3.1
 166 29.4 27.8 41.6

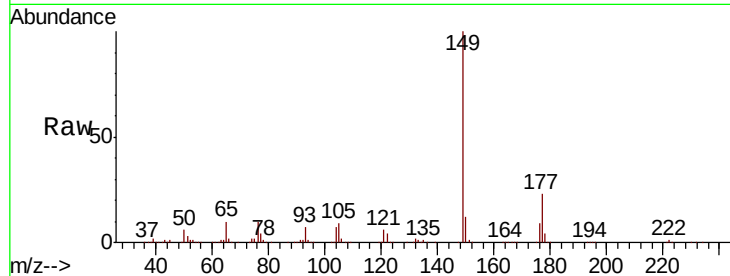




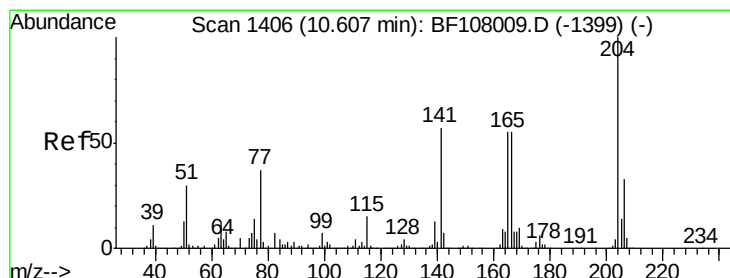
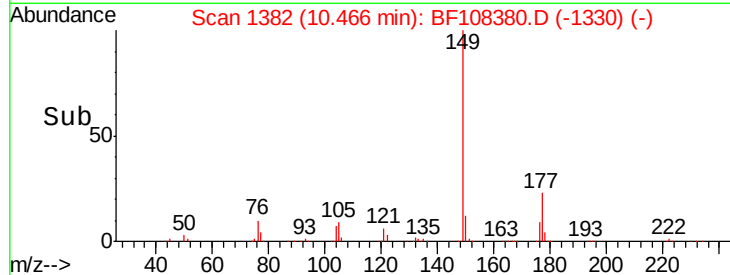
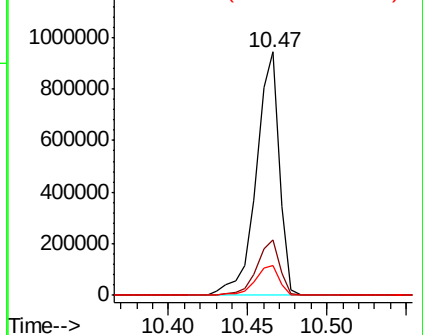
#59
Diethylphthalate
Concen: 44.644 ng
RT: 10.47 min Scan# 1382
Delta R.T. 0.01 min
Lab File: BF108380.D
Acq: 22 Aug 2018 13:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 958614
Ion Ratio Lower Upper
149 100
177 23.0 16.1 24.1
150 12.4 10.1 15.1

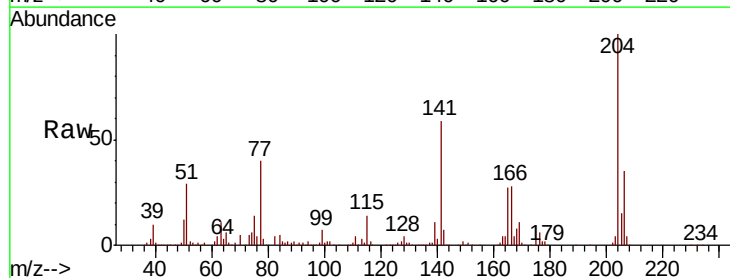


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

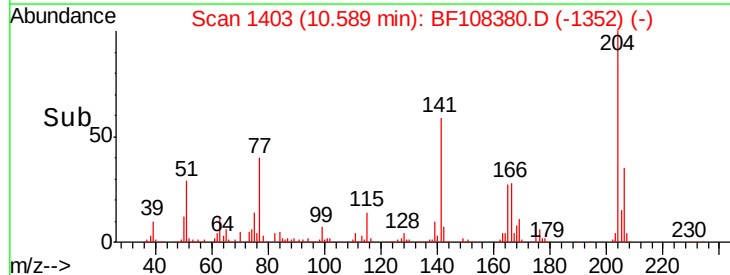
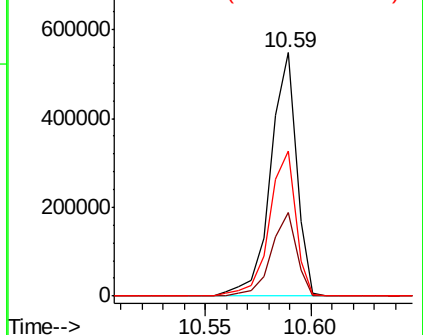


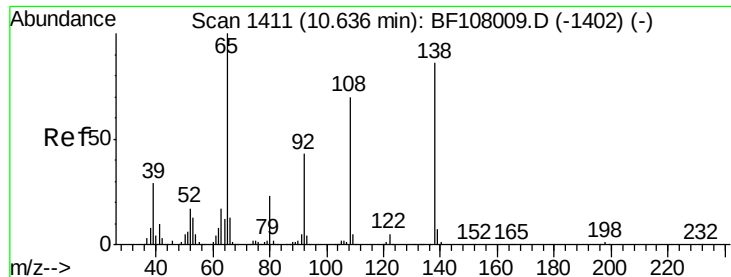
#60
4-Chlorophenyl-phenylether
Concen: 43.652 ng
RT: 10.59 min Scan# 1403
Delta R.T. -0.00 min
Lab File: BF108380.D
Acq: 22 Aug 2018 13:56

Tgt Ion:204 Resp: 468577
Ion Ratio Lower Upper
204 100
206 34.5 26.5 39.7
141 59.5 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

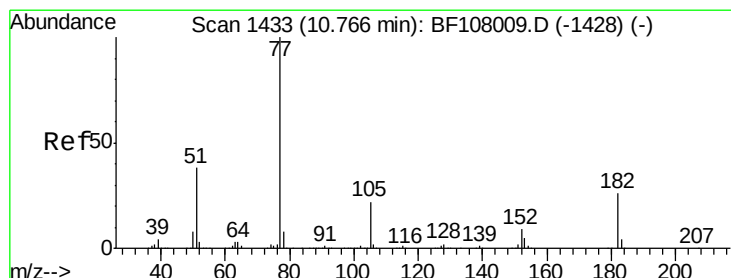
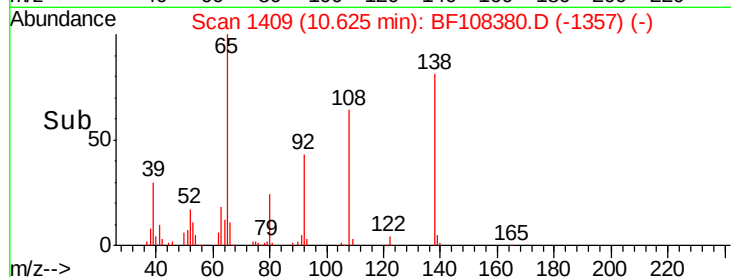
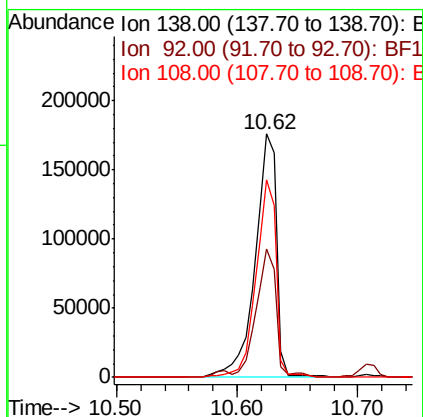
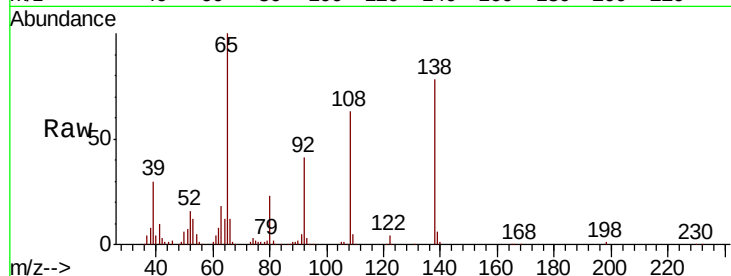




#61
4-Nitroaniline
Concen: 43.524 ng
RT: 10.62 min Scan# 1409
Delta R.T. 0.01 min
Lab File: BF108380.D
Acq: 22 Aug 2018 13:56

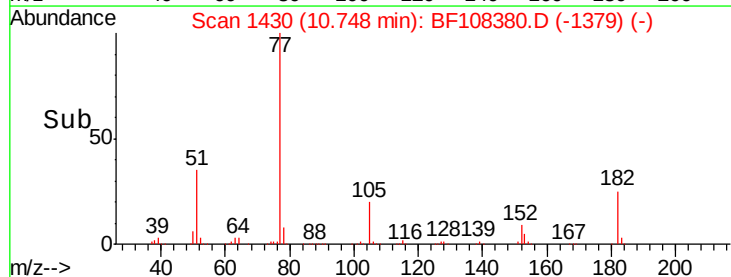
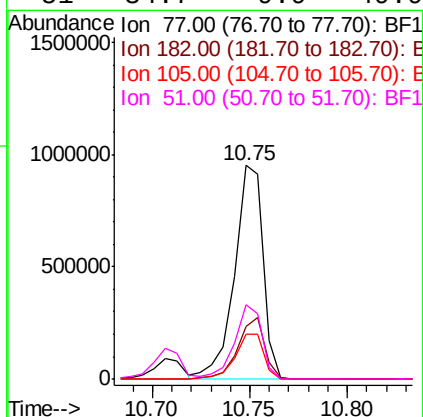
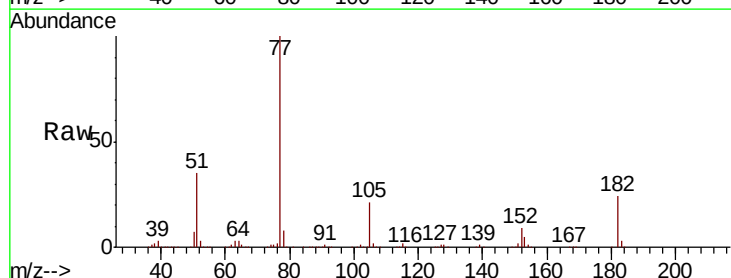
Instrument :
BNA_F
ClientSampleId :

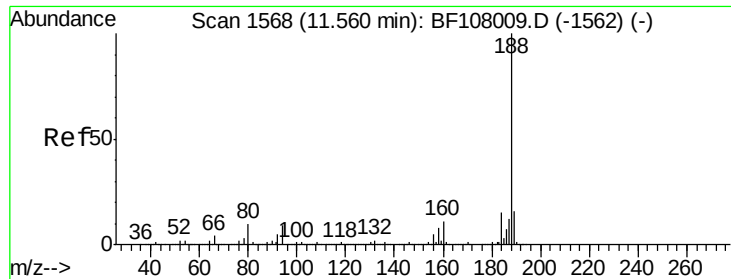
Tot Ion:138 Resp: 218427
Ion Ratio Lower Upper
138 100
92 53.0 30.2 70.2
108 81.0 52.5 92.5



#62
Azobenzene
Concen: 43.446 ng
RT: 10.75 min Scan# 1430
Delta R.T. -0.00 min
Lab File: BF108380.D
Acq: 22 Aug 2018 13:56

Tgt Ion: 77 Resp: 963413
Ion Ratio Lower Upper
77 100
182 24.5 1.7 41.7
105 21.2 3.0 43.0
51 34.7 9.9 49.9

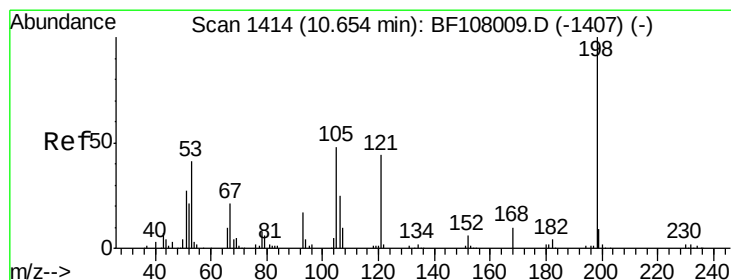
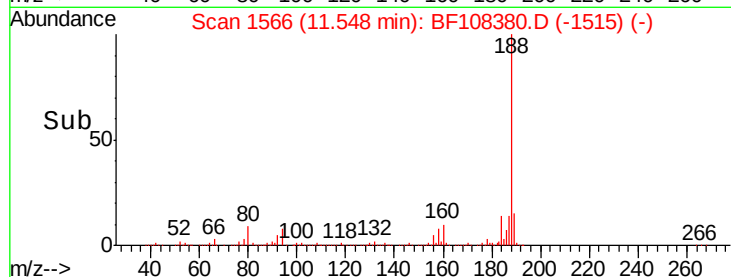
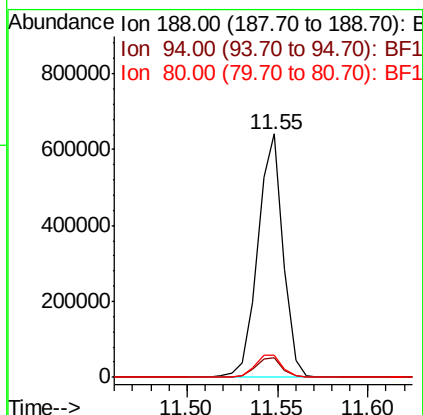
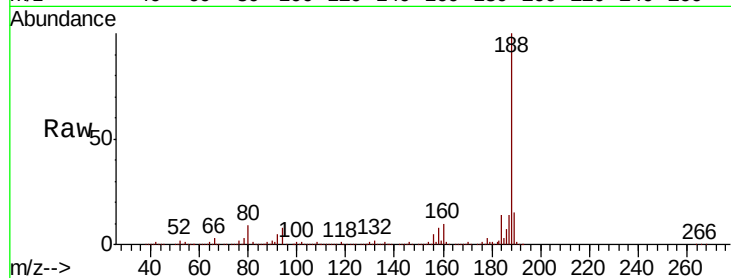




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.55 min Scan# 1566
Delta R.T. -0.00 min
Lab File: BF108380.D
Acq: 22 Aug 2018 13:56

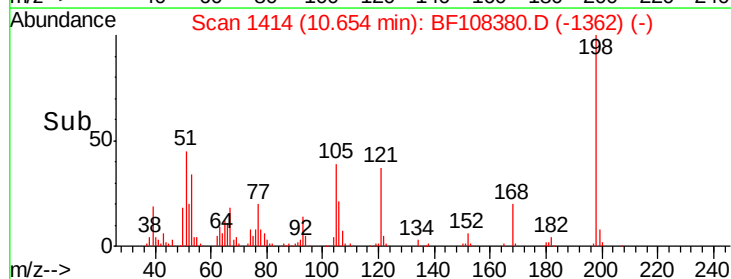
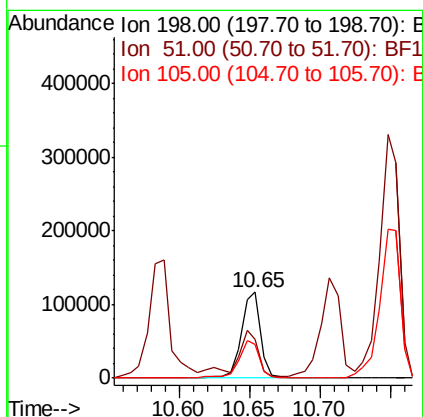
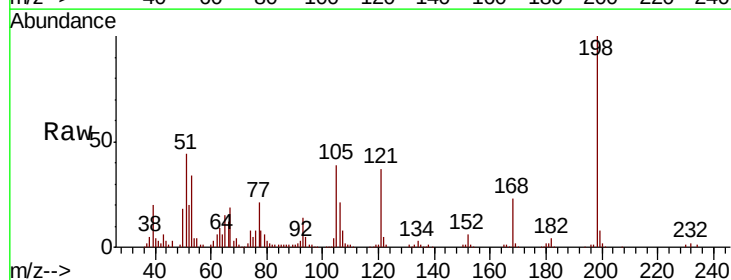
Instrument :
BNA_F
ClientSampleId :

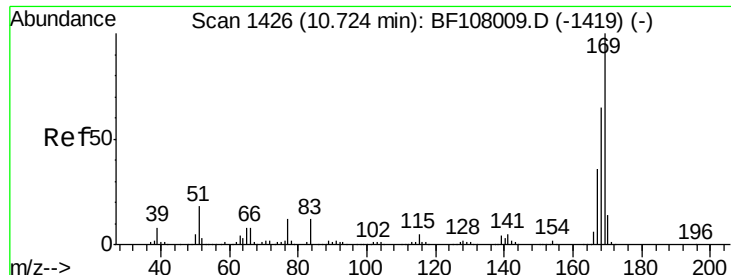
Tot Ion:188 Resp: 620339
Ion Ratio Lower Upper
188 100
94 8.3 8.5 12.7#
80 9.0 9.2 13.8#



#64
4,6-Dinitro-2-methylphenol
Concen: 47.627 ng
RT: 10.65 min Scan# 1414
Delta R.T. 0.01 min
Lab File: BF108380.D
Acq: 22 Aug 2018 13:56

Tgt Ion:198 Resp: 110814
Ion Ratio Lower Upper
198 100
51 44.4 37.7 77.7
105 38.7 36.3 76.3

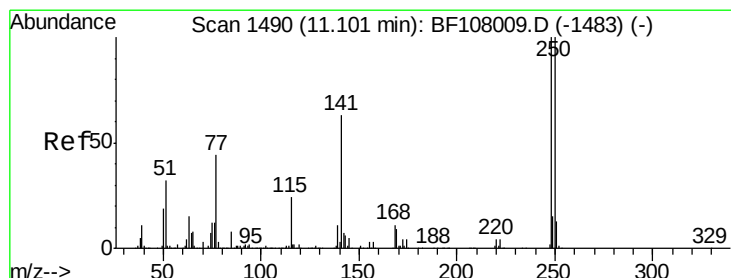
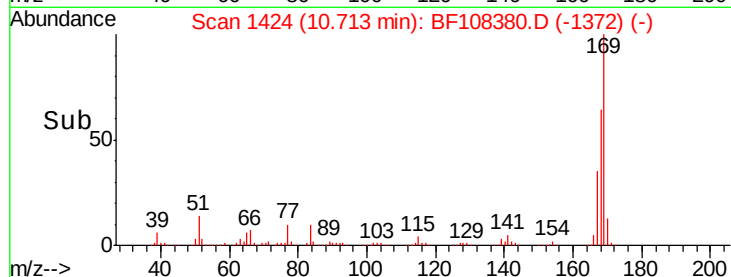
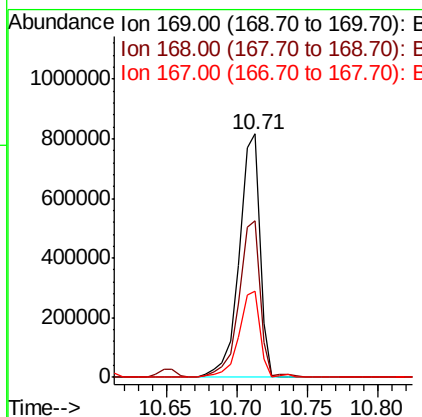
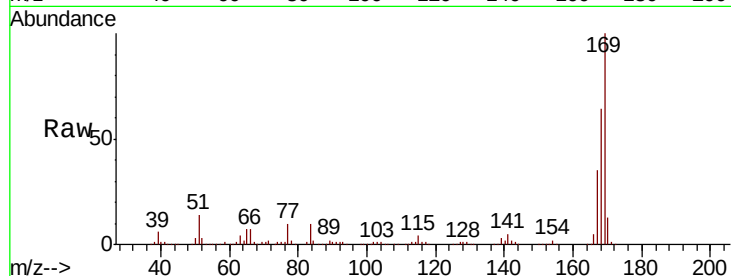




#65
n-Nitrosodiphenylamine
Concen: 45.602 ng
RT: 10.71 min Scan# 1424
Delta R.T. 0.01 min
Lab File: BF108380.D
Acq: 22 Aug 2018 13:56

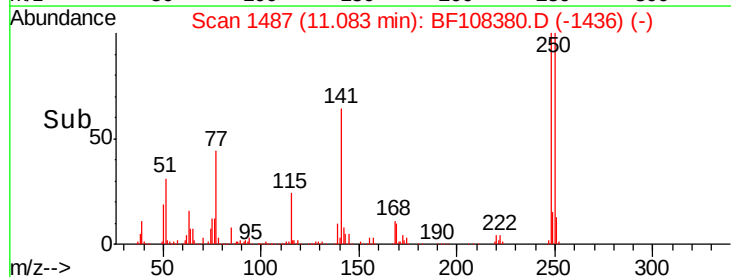
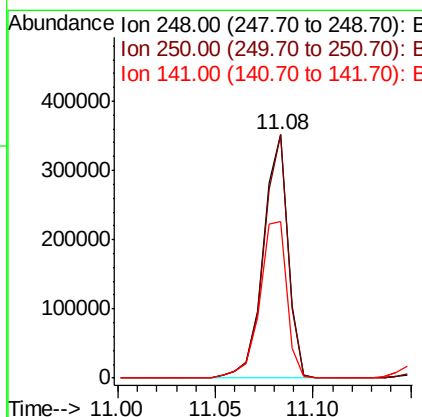
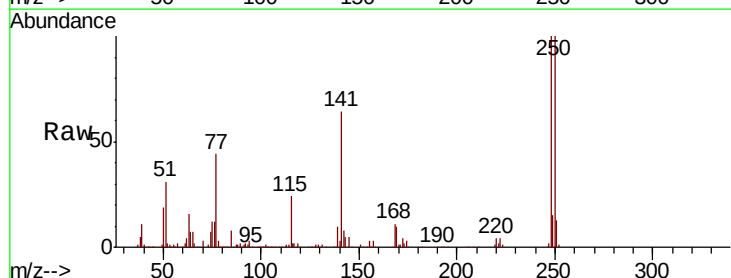
Instrument :
BNA_F
ClientSampled :

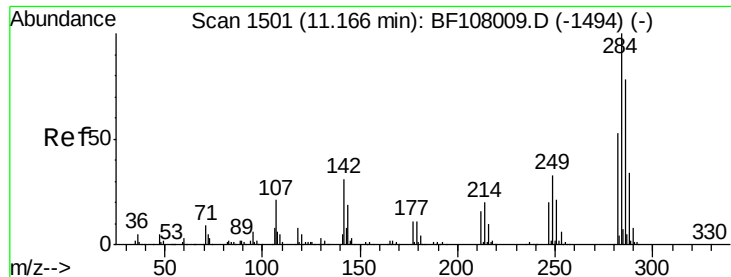
Tot Ion	Ratio	Lower	Upper
169	100		
168	64.1	54.4	81.6
167	35.3	29.8	44.6



#66
4-Bromophenyl-phenylether
Concen: 45.974 ng
RT: 11.08 min Scan# 1487
Delta R.T. -0.00 min
Lab File: BF108380.D
Acq: 22 Aug 2018 13:56

Tgt Ion	Ratio	Lower	Upper
248	100		
250	100.1	76.9	115.3
141	64.5	74.4	111.6

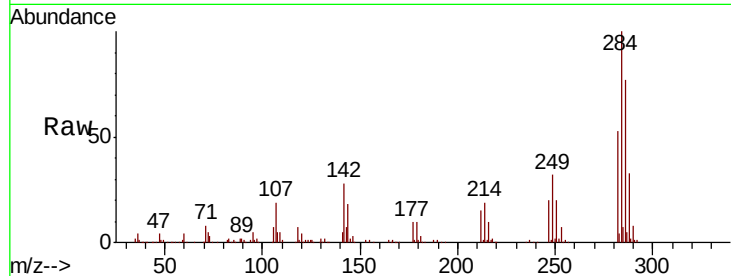




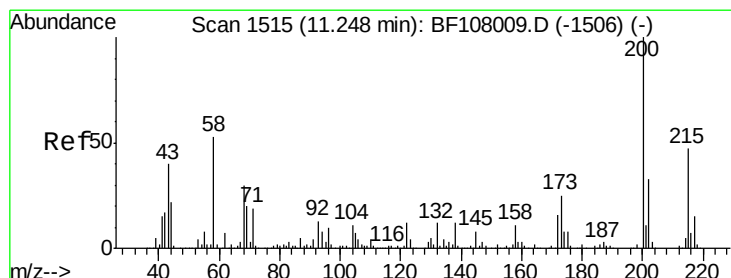
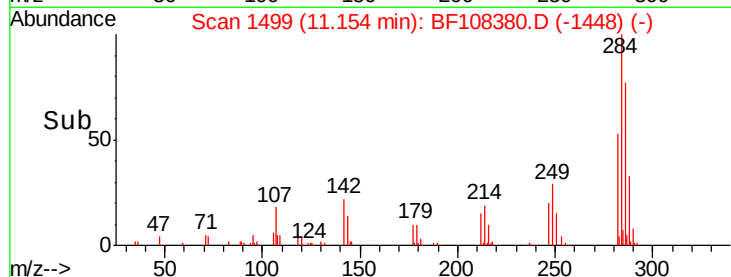
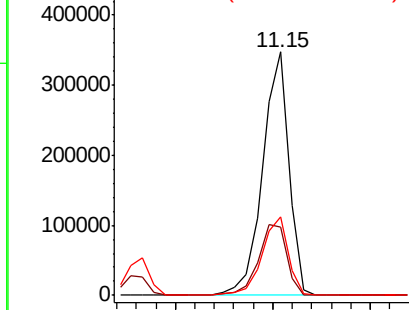
#67
Hexachlorobenzene
Concen: 45.821 ng
RT: 11.15 min Scan# 1499
Delta R.T. -0.00 min
Lab File: BF108380.D
Acq: 22 Aug 2018 13:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	28.2	34.6	52.0#
249	32.1	24.8	37.2

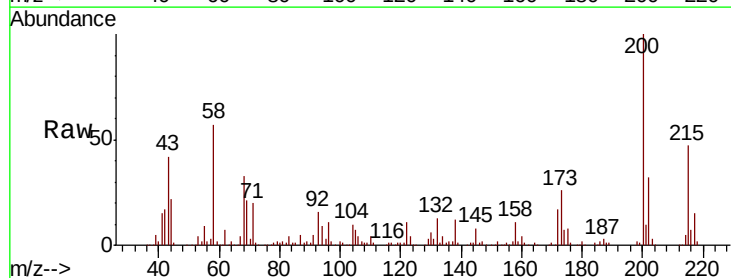


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

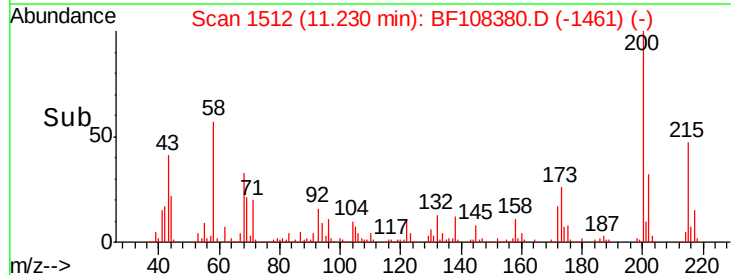
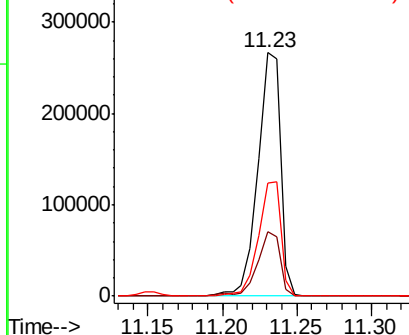


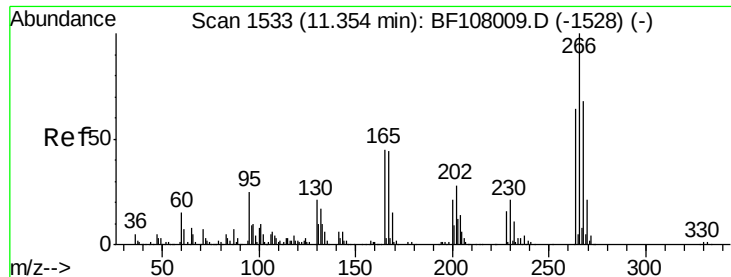
#68
Atrazine
Concen: 45.200 ng
RT: 11.23 min Scan# 1512
Delta R.T. -0.00 min
Lab File: BF108380.D
Acq: 22 Aug 2018 13:56

Tgt Ion	Ratio	Lower	Upper
200	100		
173	26.3	8.6	48.6
215	46.6	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

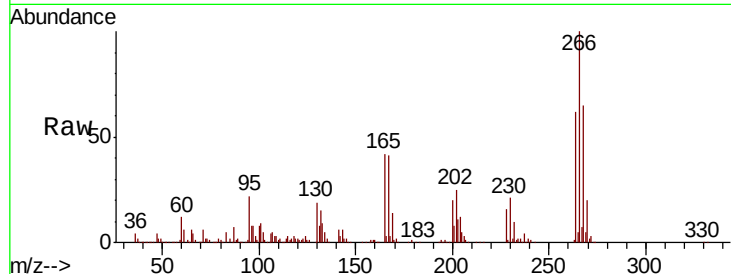




#69
 Pentachlorophenol
 Concen: 89.808 ng
 RT: 11.35 min Scan# 1532
 Delta R.T. -0.00 min
 Lab File: BF108380.D
 Acq: 22 Aug 2018 13:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
268	64.9	51.1	76.7
264	61.8	49.5	74.3

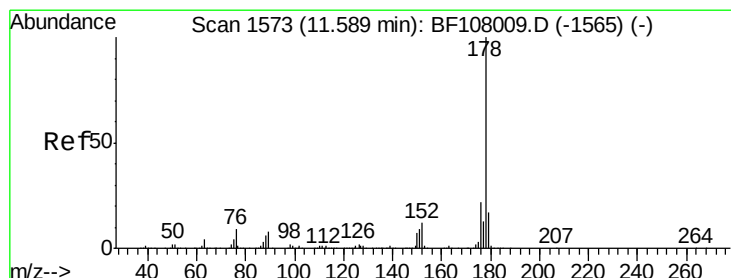
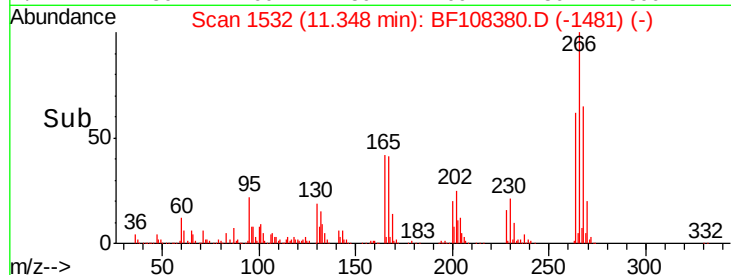
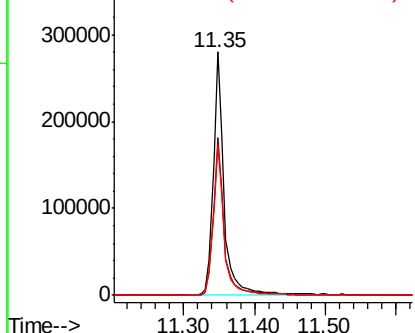


Abundance

Ion 265.70 (265.40 to 266.40): E

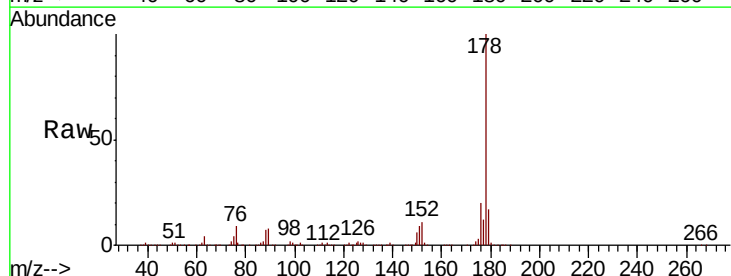
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 45.200 ng
 RT: 11.57 min Scan# 1570
 Delta R.T. -0.00 min
 Lab File: BF108380.D
 Acq: 22 Aug 2018 13:56

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.8	23.8
179	16.5	13.0	19.6

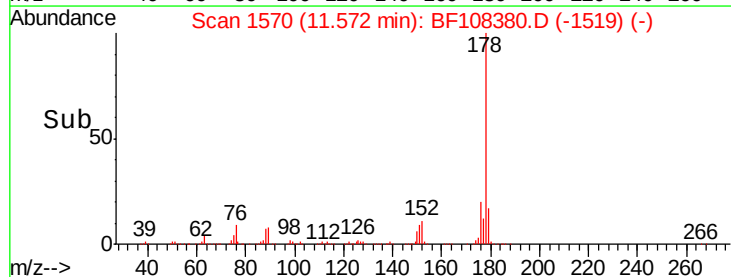
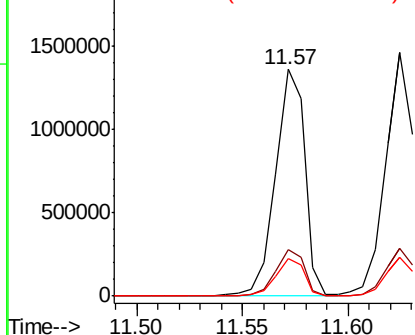


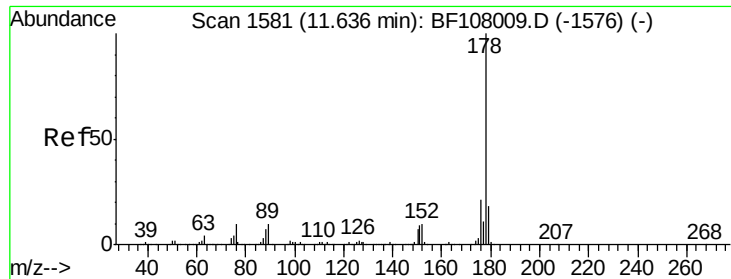
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

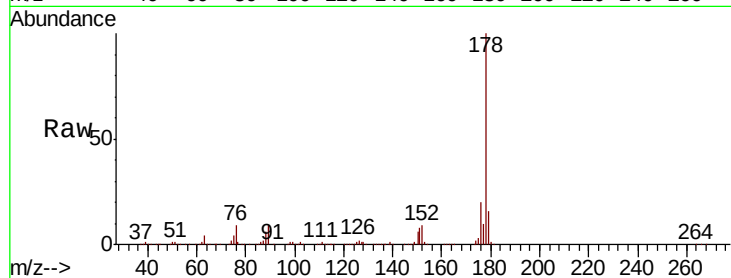




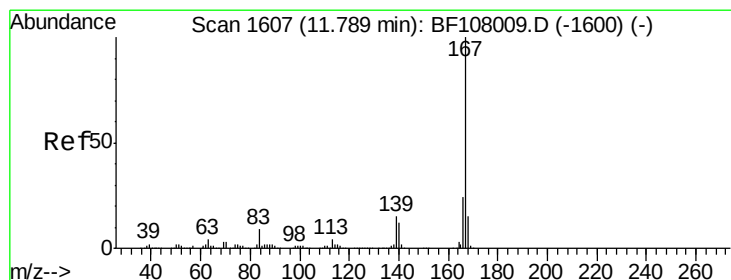
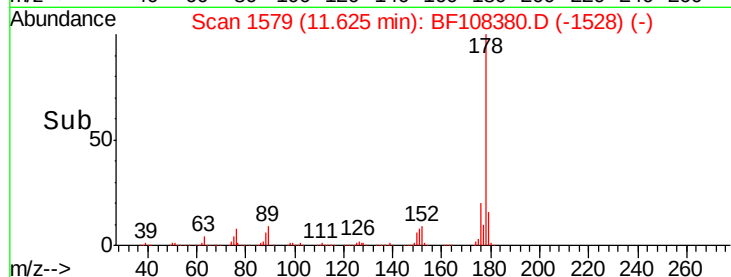
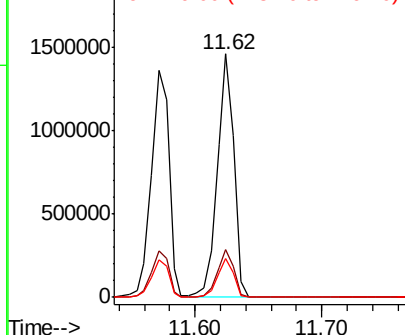
#71
 Anthracene
 Concen: 45.057 ng
 RT: 11.62 min Scan# 1579
 Delta R.T. -0.00 min
 Lab File: BF108380.D
 Acq: 22 Aug 2018 13:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 1351203
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.4 23.2
 179 16.1 12.6 19.0

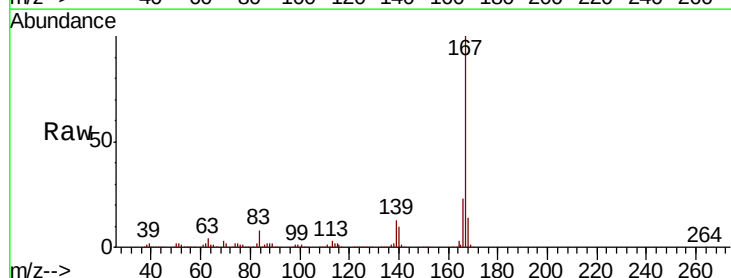


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

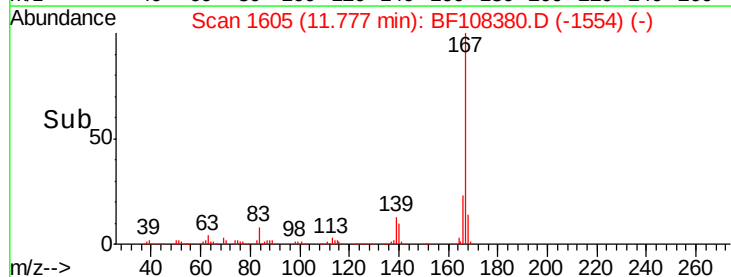
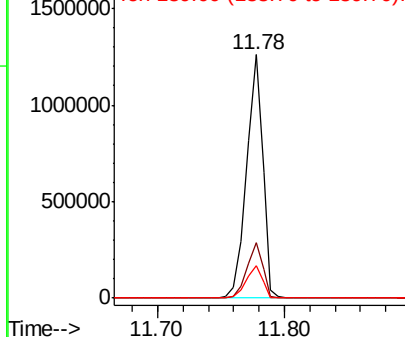


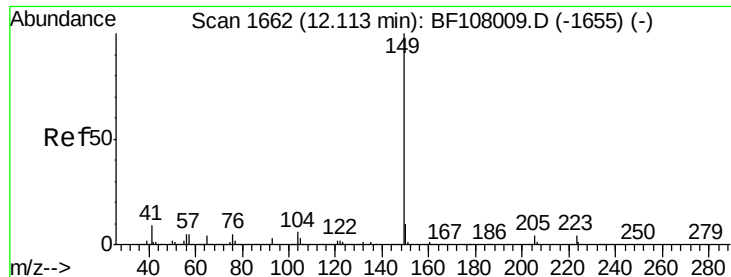
#72
 Carbazole
 Concen: 41.942 ng
 RT: 11.78 min Scan# 1605
 Delta R.T. -0.00 min
 Lab File: BF108380.D
 Acq: 22 Aug 2018 13:56

Tgt Ion:167 Resp: 1117493
 Ion Ratio Lower Upper
 167 100
 166 22.6 17.6 26.4
 139 13.4 10.9 16.3



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





#73

Di-n-butylphthalate

Concen: 47.389 ng

RT: 12.09 min Scan# 1658

Delta R.T. -0.00 min

Lab File: BF108380.D

Acq: 22 Aug 2018 13:56

Instrument :

BNA_F

ClientSampleId :

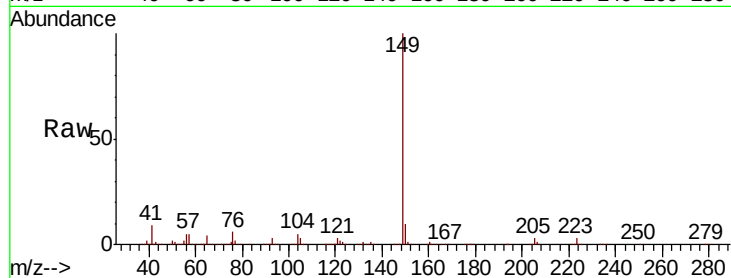
Tot Ion:149 Resp: 1430160

Ion Ratio Lower Upper

149 100

150 9.8 7.8 11.6

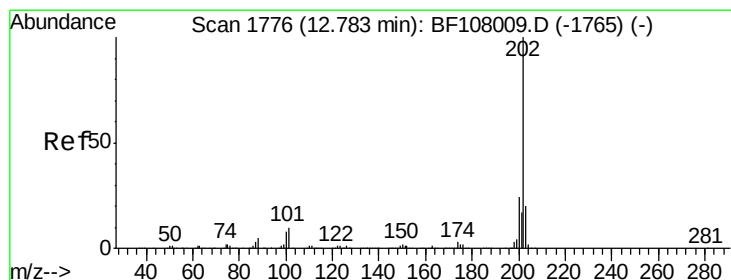
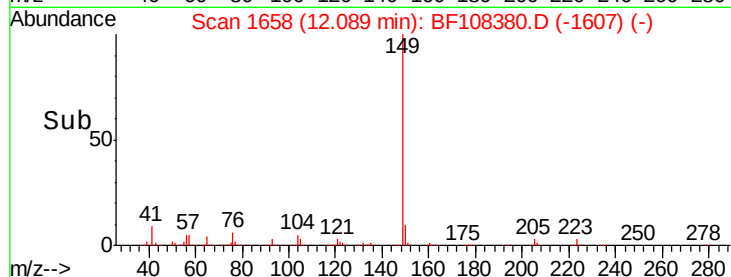
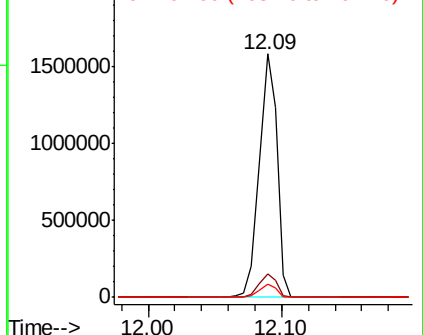
104 5.5 3.8 5.8



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: 42.032 ng

RT: 12.77 min Scan# 1773

Delta R.T. -0.00 min

Lab File: BF108380.D

Acq: 22 Aug 2018 13:56

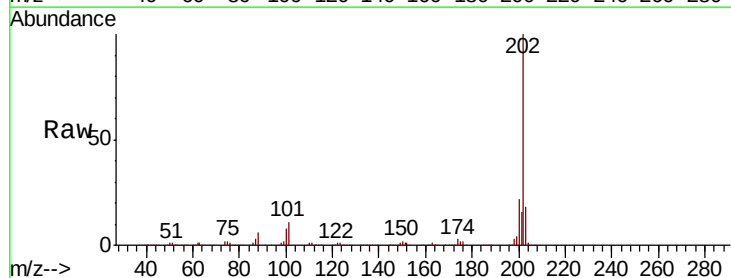
Tgt Ion:202 Resp: 1342190

Ion Ratio Lower Upper

202 100

101 11.0 0.0 34.1

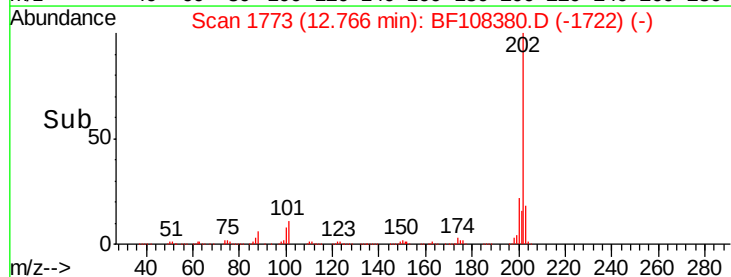
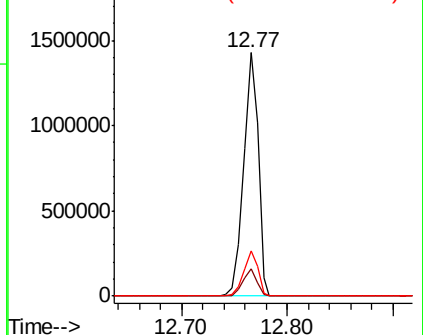
203 18.4 0.0 38.1

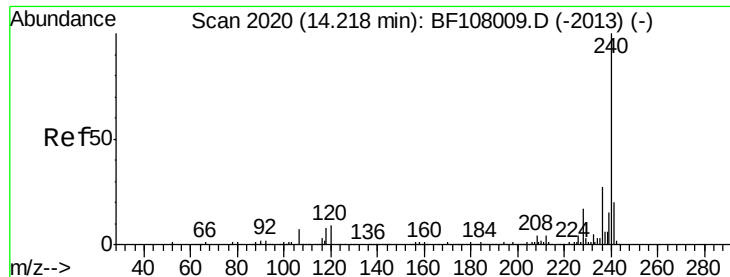


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.20 min Scan# 2017

Delta R.T. -0.00 min

Lab File: BF108380.D

Acq: 22 Aug 2018 13:56

Instrument :

BNA_F

ClientSampleId :

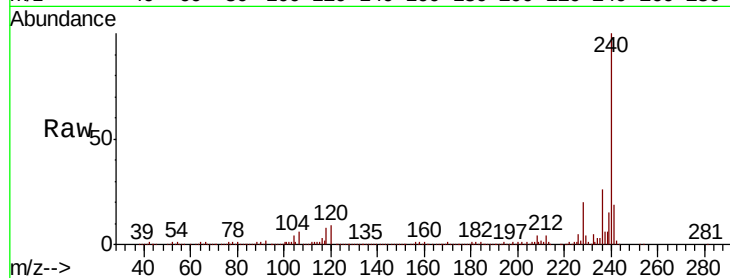
Tot Ion:240 Resp: 356645

Ion Ratio Lower Upper

240 100

120 8.8 9.5 14.3#

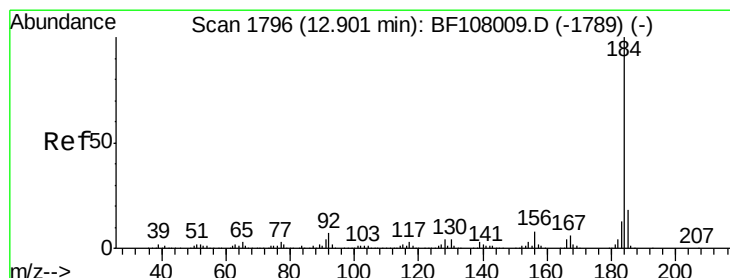
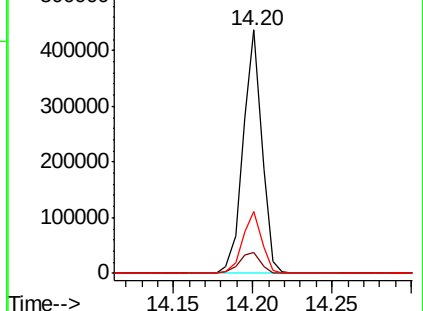
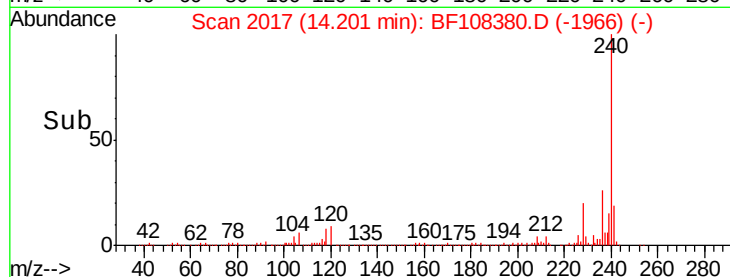
236 25.5 20.7 31.1



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: 32.560 ng

RT: 12.88 min Scan# 1793

Delta R.T. -0.00 min

Lab File: BF108380.D

Acq: 22 Aug 2018 13:56

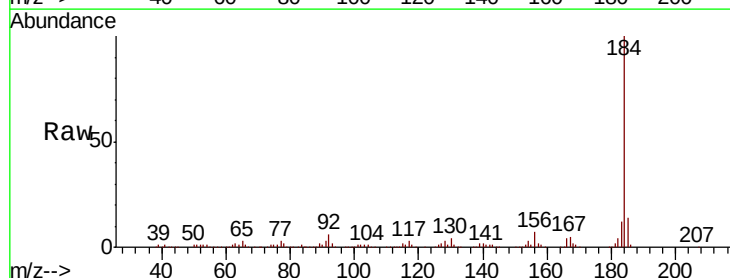
Tgt Ion:184 Resp: 433870

Ion Ratio Lower Upper

184 100

185 14.4 12.6 18.8

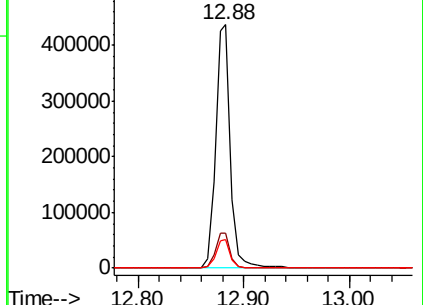
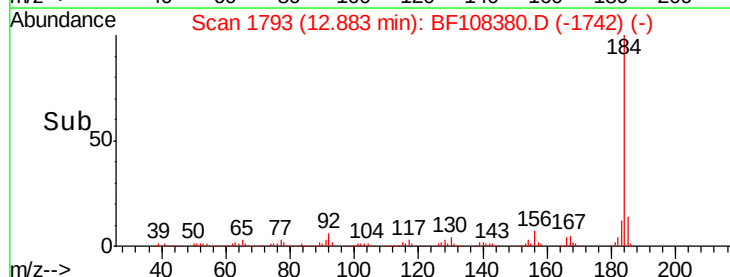
183 11.5 9.3 13.9

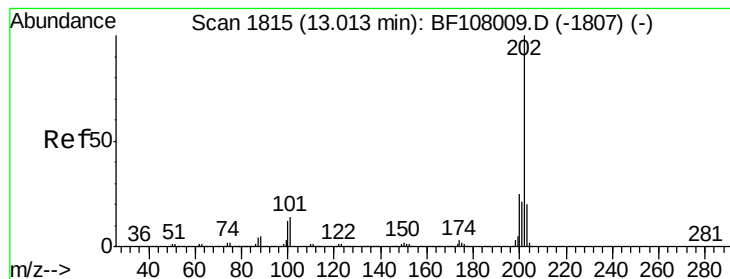


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 57.375 ng

RT: 13.00 min Scan# 1813

Delta R.T. -0.00 min

Lab File: BF108380.D

Acq: 22 Aug 2018 13:56

Instrument :

BNA_F

ClientSampleId :

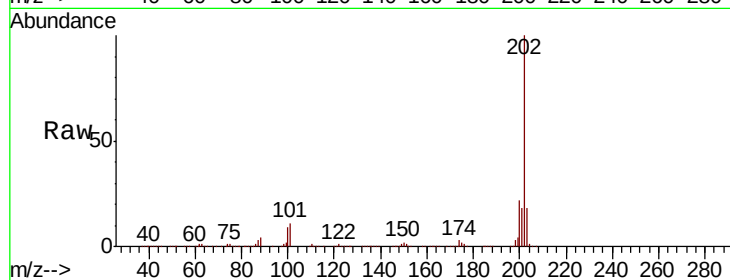
Tot Ion:202 Resp: 1295491

Ion Ratio Lower Upper

202 100

200 22.0 17.4 26.2

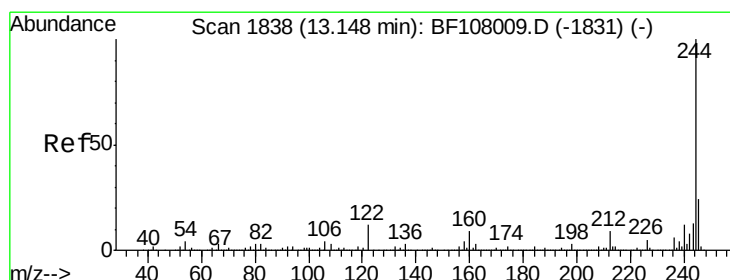
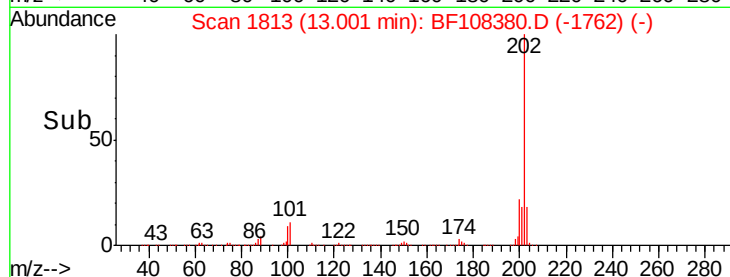
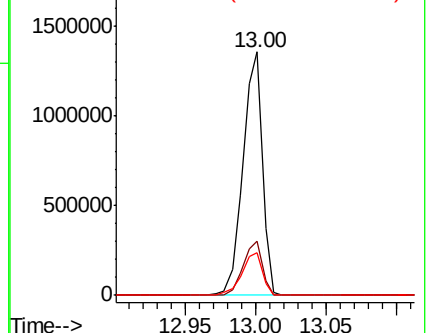
203 17.7 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 122.117 ng

RT: 13.13 min Scan# 1835

Delta R.T. -0.00 min

Lab File: BF108380.D

Acq: 22 Aug 2018 13:56

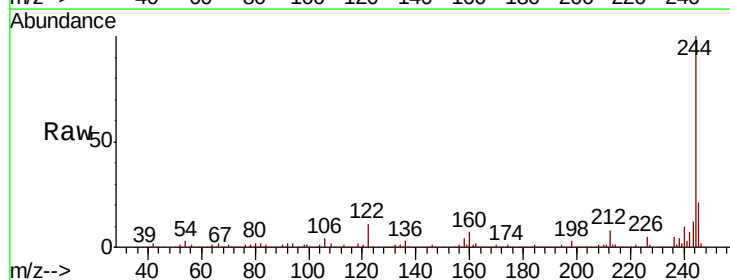
Tgt Ion:244 Resp: 1712933

Ion Ratio Lower Upper

244 100

212 7.7 5.4 8.0

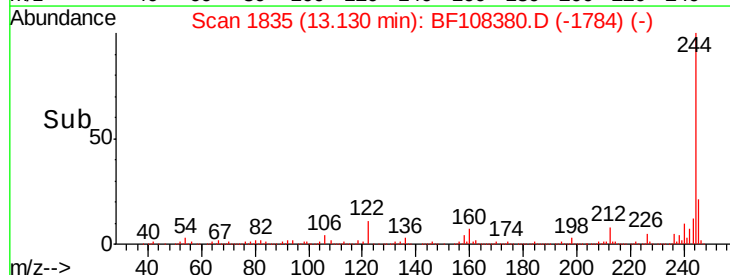
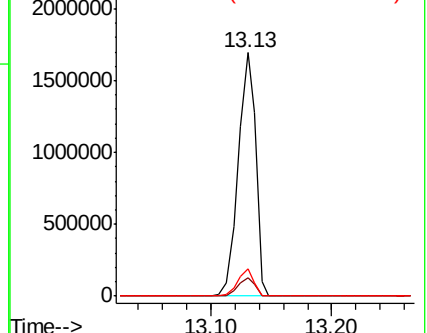
122 11.2 11.0 16.4

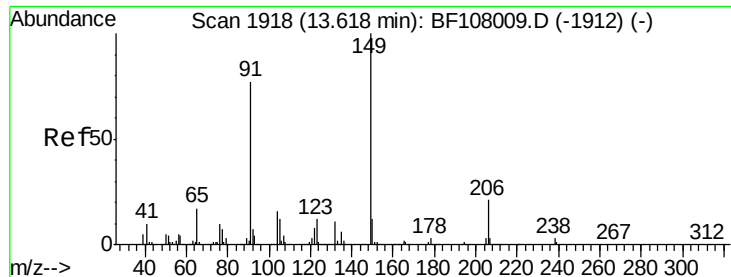


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 55.531 ng

RT: 13.60 min Scan# 1915

Delta R.T. -0.00 min

Lab File: BF108380.D

Acq: 22 Aug 2018 13:56

Instrument :

BNA_F

ClientSampleId :

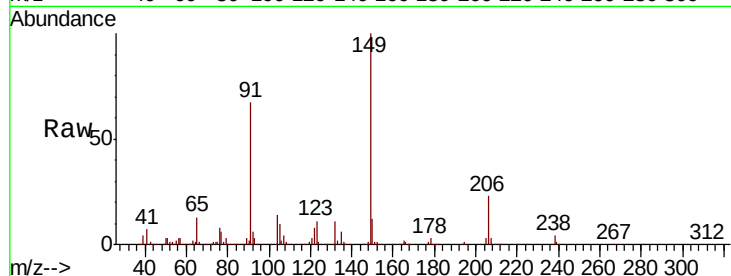
Tot Ion:149 Resp: 497882

Ion Ratio Lower Upper

149 100

91 67.4 56.8 85.2

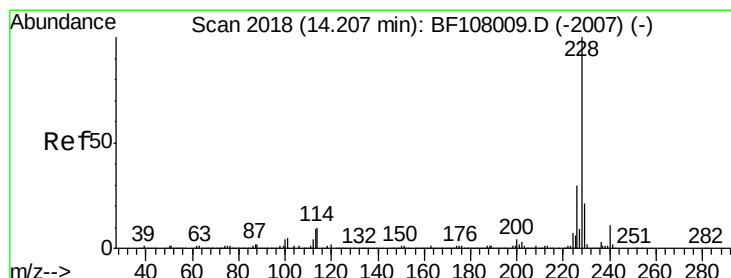
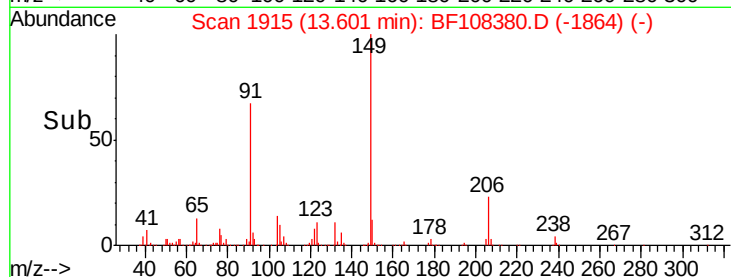
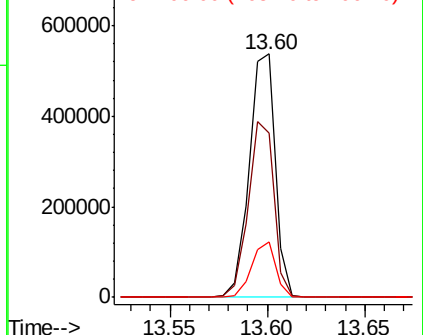
206 22.8 14.1 21.1#



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: 45.709 ng

RT: 14.19 min Scan# 2015

Delta R.T. -0.00 min

Lab File: BF108380.D

Acq: 22 Aug 2018 13:56

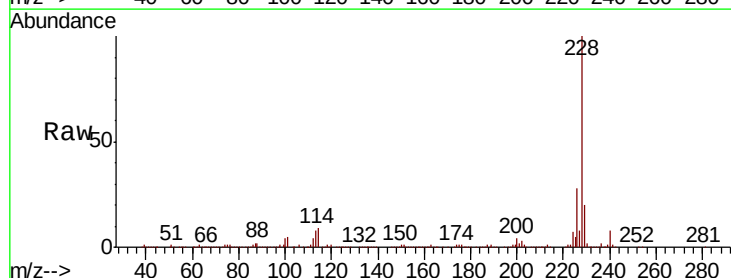
Tgt Ion:228 Resp: 935558

Ion Ratio Lower Upper

228 100

226 28.3 22.6 33.8

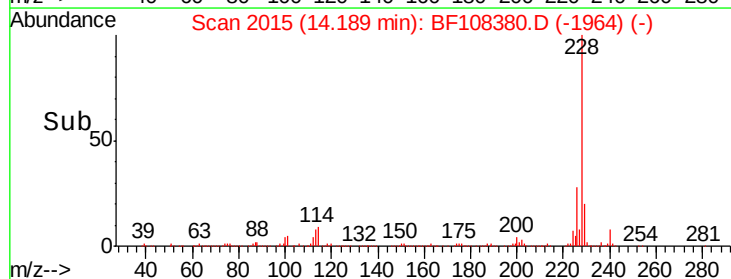
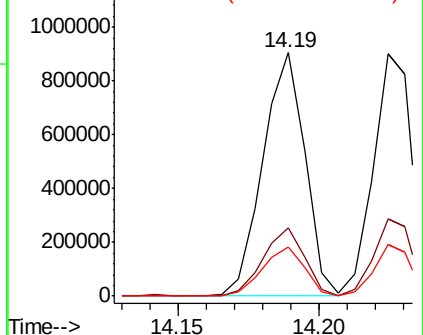
229 20.4 15.8 23.6

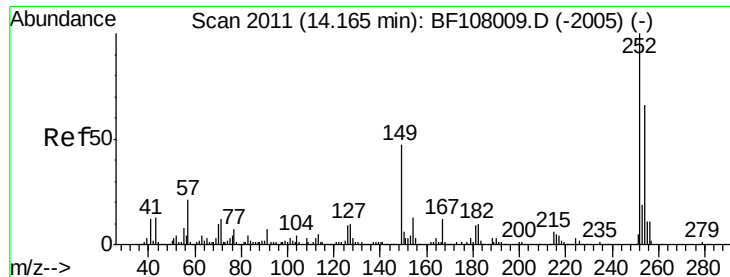


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

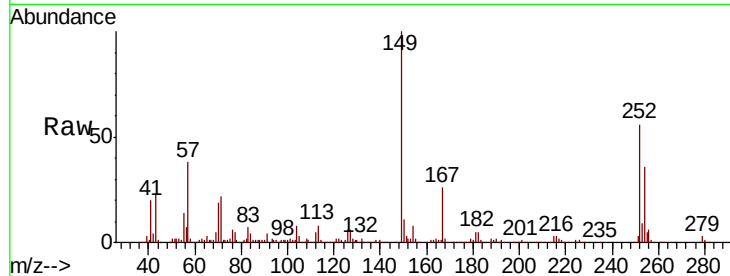




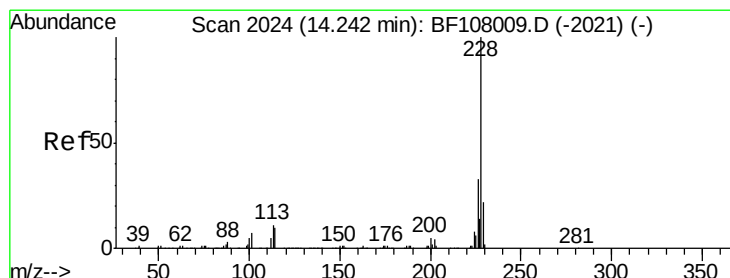
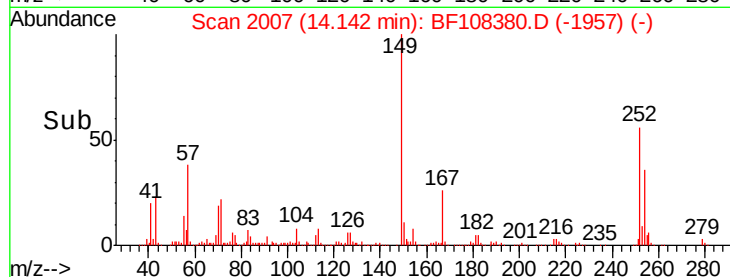
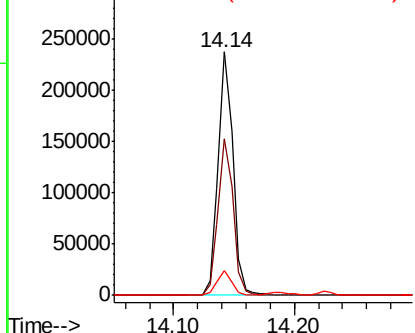
#81
 3,3'-Dichlorobenzidine
 Concen: 27.363 ng
 RT: 14.14 min Scan# 2007
 Delta R.T. -0.01 min
 Lab File: BF108380.D
 Acq: 22 Aug 2018 13:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 200709
 Ion Ratio Lower Upper
 252 100
 254 64.4 50.4 75.6
 126 10.0 11.3 16.9#

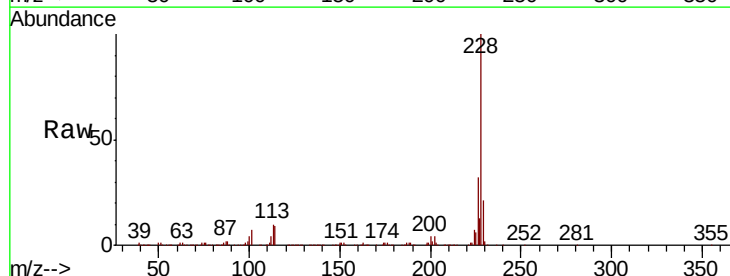


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

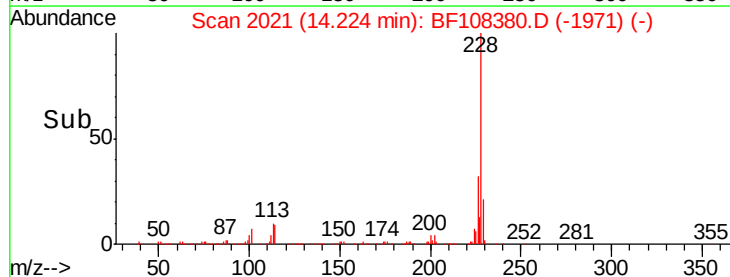
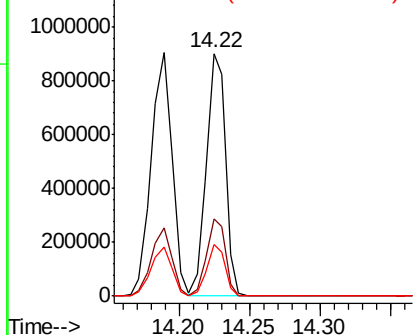


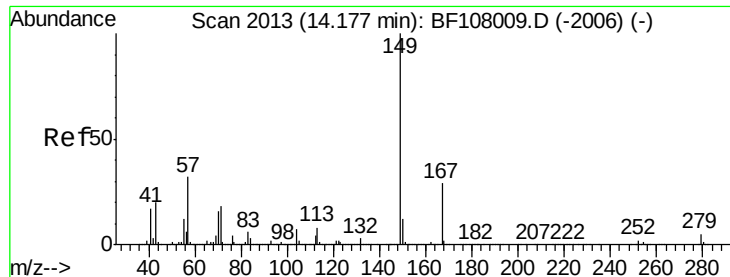
#82
 Chrysene
 Concen: 45.193 ng
 RT: 14.22 min Scan# 2021
 Delta R.T. -0.01 min
 Lab File: BF108380.D
 Acq: 22 Aug 2018 13:56

Tgt Ion:228 Resp: 848031
 Ion Ratio Lower Upper
 228 100
 226 31.9 25.0 37.6
 229 21.1 16.2 24.4



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 52.857 ng

RT: 14.15 min Scan# 2008

Delta R.T. -0.00 min

Lab File: BF108380.D

Acq: 22 Aug 2018 13:56

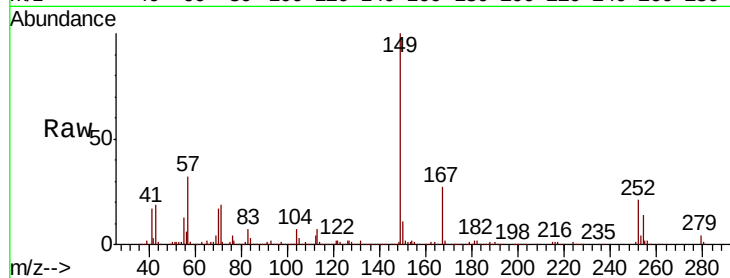
Instrument :

BNA_F

ClientSampleId :

Tot Ion:149 Resp: 641765

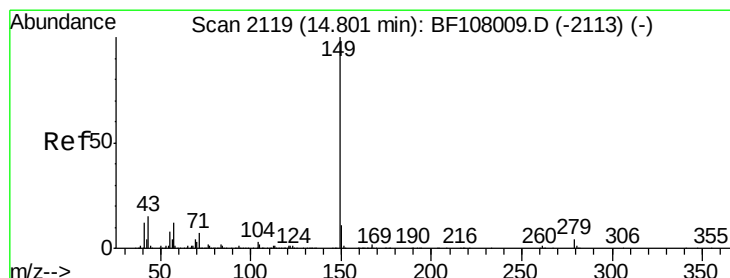
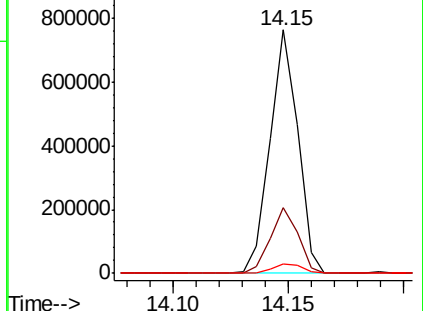
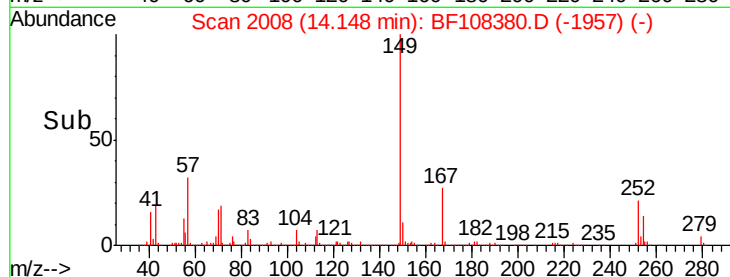
Ion	Ratio	Lower	Upper
149	100		
167	26.8	21.3	31.9
279	4.0	3.0	4.4



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: 49.026 ng

RT: 14.77 min Scan# 2114

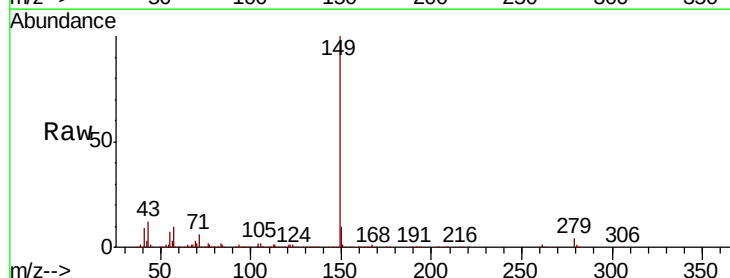
Delta R.T. -0.01 min

Lab File: BF108380.D

Acq: 22 Aug 2018 13:56

Tgt Ion:149 Resp: 907813

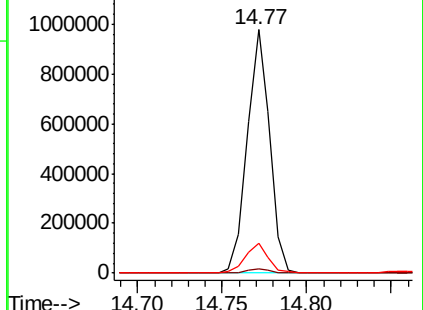
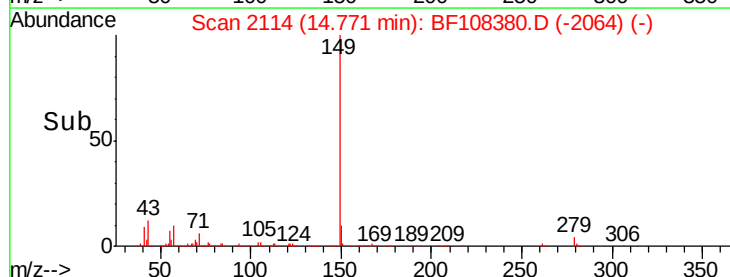
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	11.8	8.4	12.6

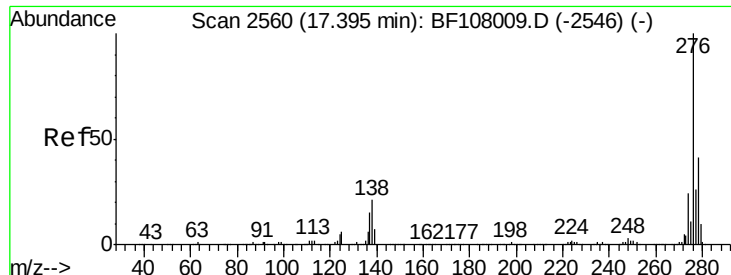


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

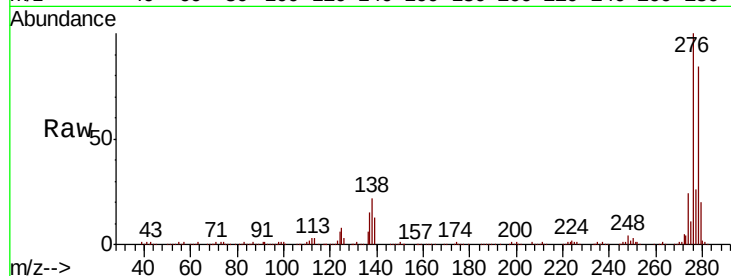




#85
Indeno(1,2,3-cd)pyrene
Concen: 52.503 ng
RT: 17.38 min Scan# 2557
Delta R.T. 0.01 min
Lab File: BF108380.D
Acq: 22 Aug 2018 13:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.8	25.0	37.6#
277	25.3	20.1	30.1

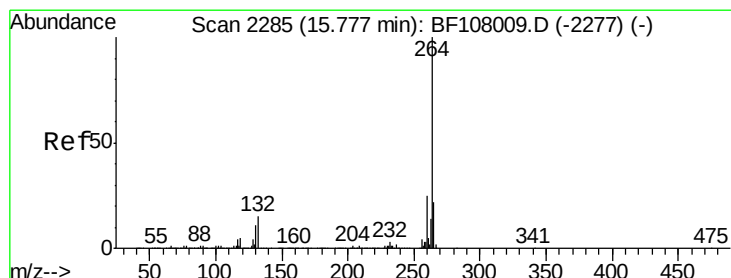
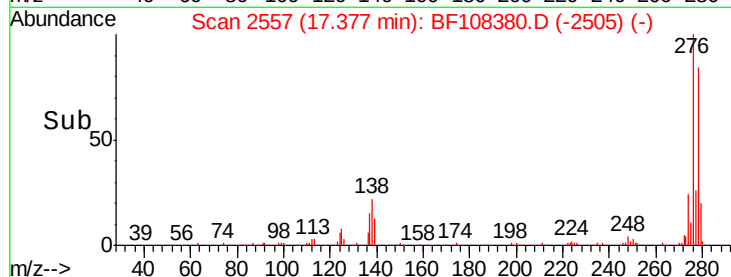
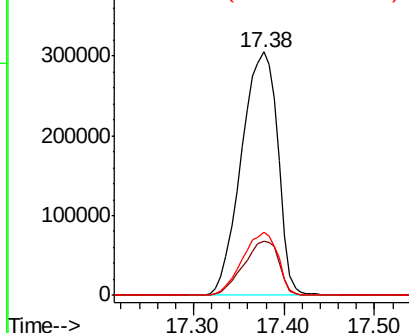


Abundance

Ion 276.00 (275.70 to 276.70): E

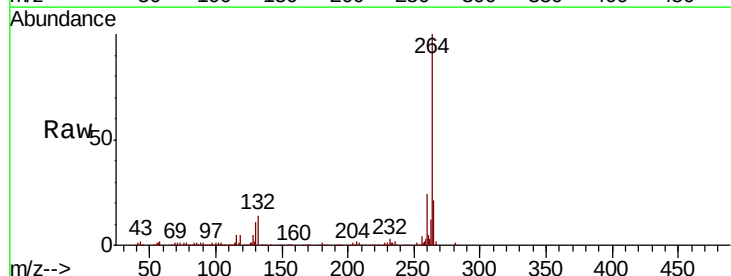
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.75 min Scan# 2281
Delta R.T. -0.01 min
Lab File: BF108380.D
Acq: 22 Aug 2018 13:56

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	20.7	17.5	26.3

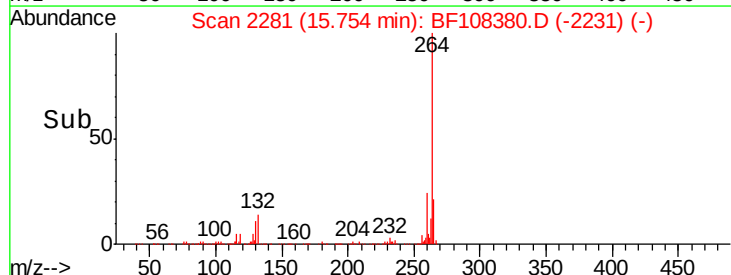
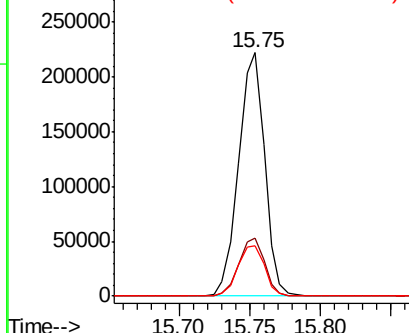


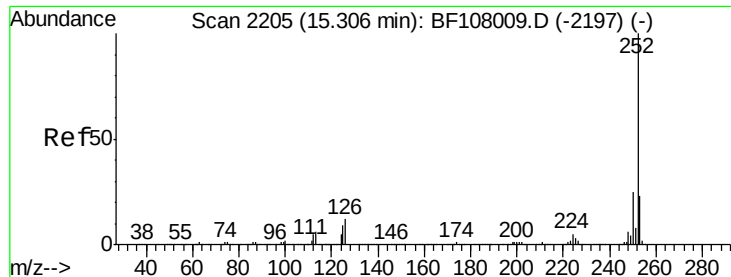
Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

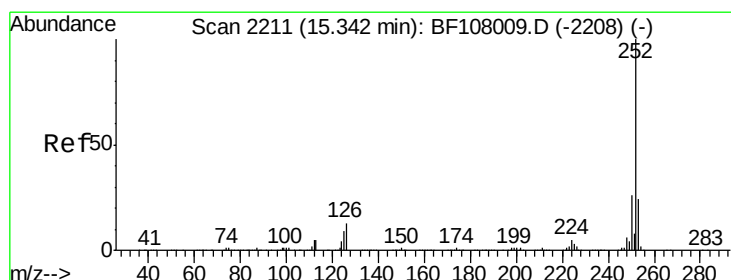
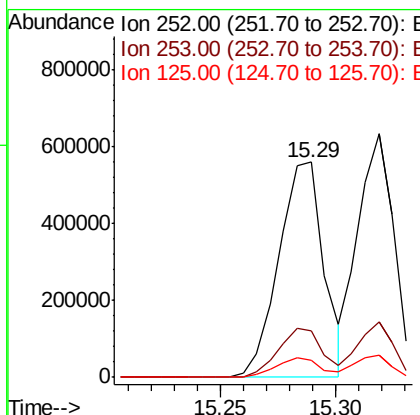
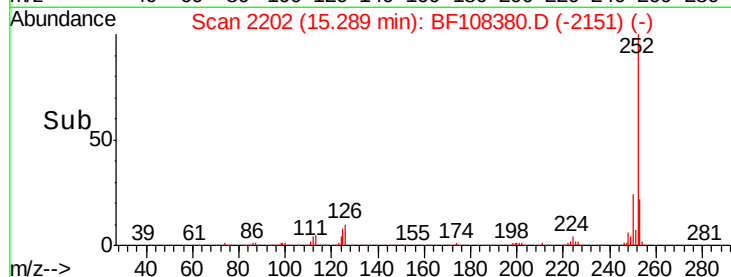
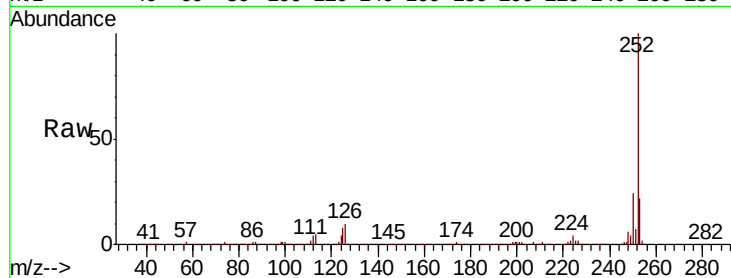




#87
Benzo(b)fluoranthene
Concen: 44.546 ng
RT: 15.29 min Scan# 2202
Delta R.T. -0.00 min
Lab File: BF108380.D
Acq: 22 Aug 2018 13:56

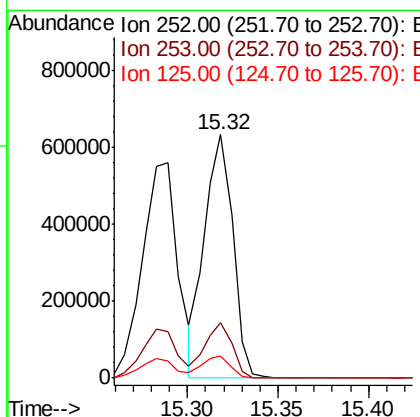
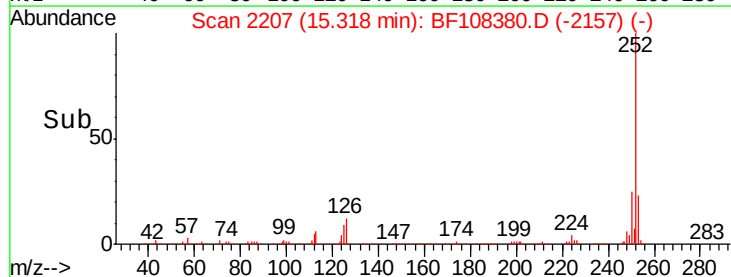
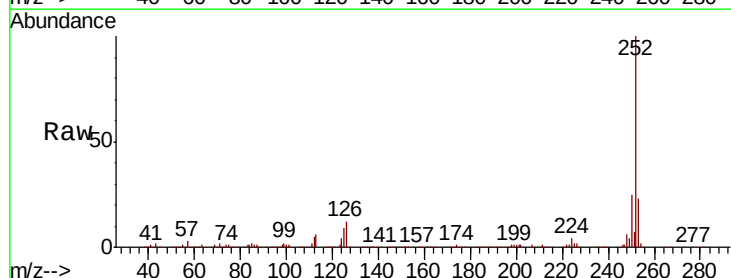
Instrument :
BNA_F
ClientSampleId :

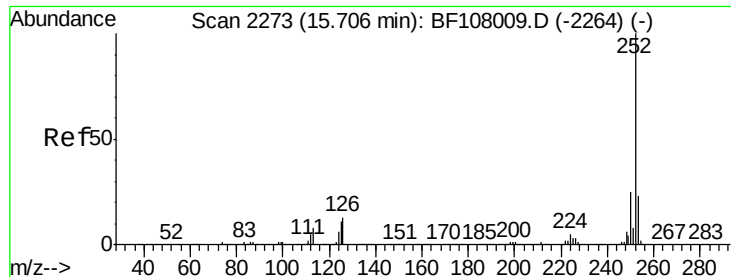
Tot Ion:252 Resp: 762219
Ion Ratio Lower Upper
252 100
253 21.6 17.0 25.6
125 7.7 9.0 13.6#



#88
Benzo(k)fluoranthene
Concen: 43.827 ng
RT: 15.32 min Scan# 2207
Delta R.T. -0.01 min
Lab File: BF108380.D
Acq: 22 Aug 2018 13:56

Tgt Ion:252 Resp: 689353
Ion Ratio Lower Upper
252 100
253 23.0 17.9 26.9
125 8.9 10.2 15.2#





#89

Benzo(a)pyrene

Concen: 46.581 ng

RT: 15.69 min Scan# 2270

Delta R.T. -0.00 min

Lab File: BF108380.D

Acq: 22 Aug 2018 13:56

Instrument :

BNA_F

ClientSampleId :

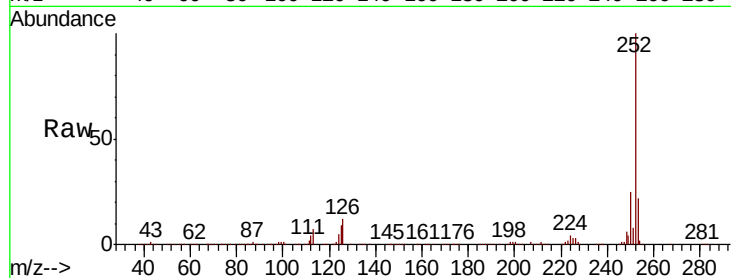
Tot Ion:252 Resp: 713716

Ion Ratio Lower Upper

252 100

253 22.2 17.1 25.7

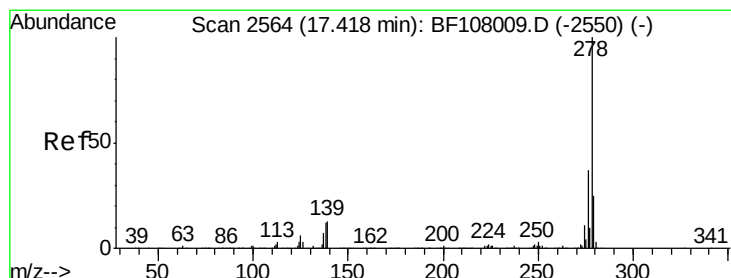
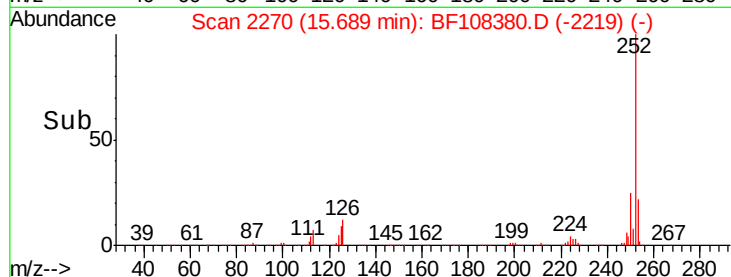
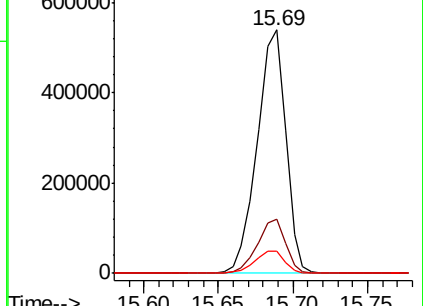
125 9.0 9.8 14.6#



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: 56.591 ng

RT: 17.39 min Scan# 2559

Delta R.T. -0.00 min

Lab File: BF108380.D

Acq: 22 Aug 2018 13:56

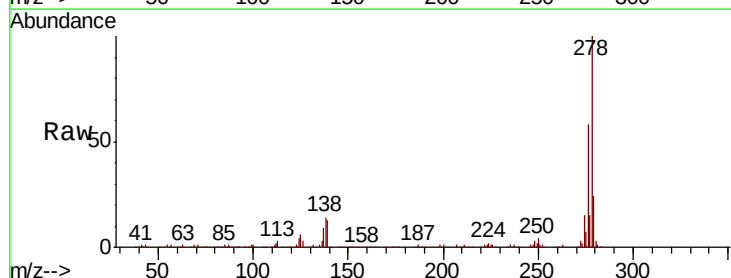
Tgt Ion:278 Resp: 717444

Ion Ratio Lower Upper

278 100

139 13.5 15.9 23.9#

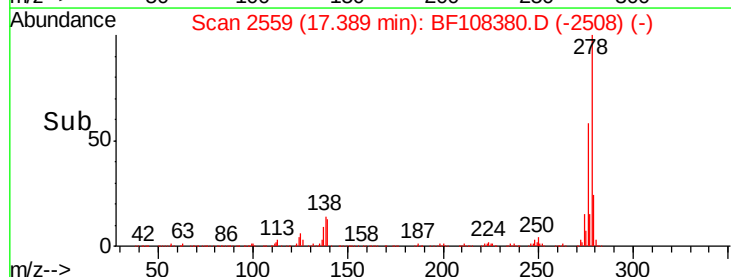
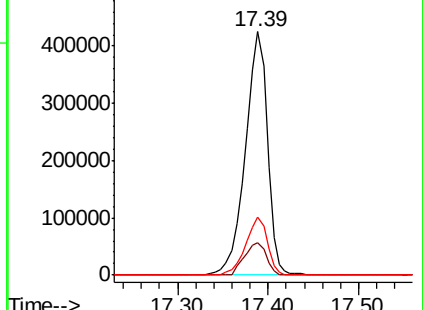
279 23.7 19.0 28.4

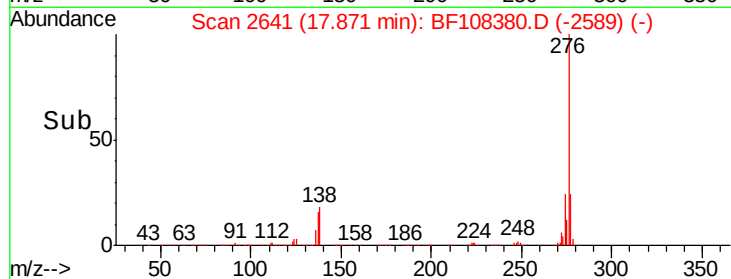
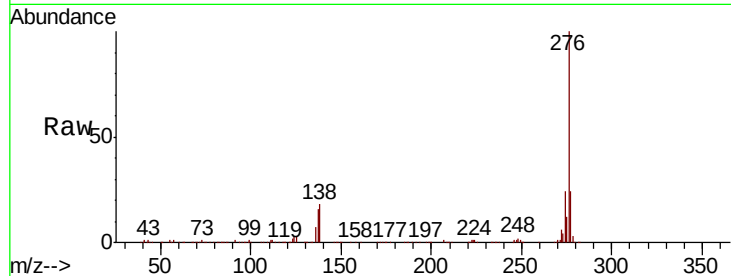
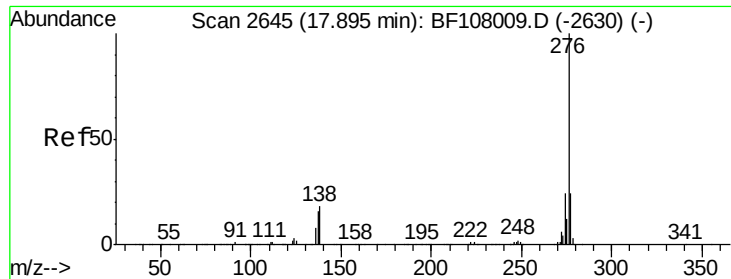


Abundance Ion 278.00 (277.70 to 278.70): E

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: 58.359 ng

RT: 17.87 min Scan# 2641

Delta R.T. 0.01 min

Lab File: BF108380.D

Acq: 22 Aug 2018 13:56

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 276 Resp: 728520

Ion Ratio Lower Upper

276 100

277 24.3 17.9 26.9

138 17.9 21.8 32.8#

