

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF121417\
 Data File : BF101398.D
 Acq On : 14 Dec 2017 17:35
 Operator : SJ/JU
 Sample : PB104879BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 14 23:44:47 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 14 15:42:32 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	173779	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	713762	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	325191	20.00	ng	0.00
63) Phenanthrene-d10	11.35	188	613551	20.00	ng	0.00
75) Chrysene-d12	14.00	240	458406	20.00	ng	0.00
86) Perylene-d12	15.47	264	350070	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	1323493	113.45	ng	0.02
7) Phenol-d6	6.46	99	1630917	112.33	ng	0.00
23) Nitrobenzene-d5	7.39	82	1074467	83.80	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	377298	120.41	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1734121	82.72	ng	0.00
78) Terphenyl-d14	12.93	244	1661529	87.38	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.67	88	223224	37.238	ng	95
3) Pyridine	3.43	79	598946	35.961	ng	95
4) n-Nitrosodimethylamine	3.39	42	315567	41.151	ng	96
6) Aniline	6.49	93	173965	8.622	ng	# 82
8) 2-Chlorophenol	6.61	128	480190	39.128	ng	100
9) Benzaldehyde	6.37	77	156512	14.596	ng	98
10) Phenol	6.47	94	612921	37.038	ng	94
11) bis(2-Chloroethyl)ether	6.56	93	520667	40.111	ng	97
12) 1,3-Dichlorobenzene	6.76	146	531049	38.341	ng	100
13) 1,4-Dichlorobenzene	6.83	146	534036	37.757	ng	99
14) 1,2-Dichlorobenzene	6.99	146	484025	38.018	ng	98
15) Benzyl Alcohol	6.97	79	363849	36.408	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	843520	42.460	ng	83
17) 2-Methylphenol	7.08	107	412918	36.578	ng	# 91
18) Hexachloroethane	7.32	117	193850	39.420	ng	97
19) n-Nitroso-di-n-propylamine	7.23	70	351090	36.821	ng	92
20) 3+4-Methylphenols	7.23	107	526615	44.023	ng	# 64
22) Acetophenone	7.23	105	633632	38.906	ng	# 91
24) Nitrobenzene	7.40	77	558489	39.355	ng	96
25) Isophorone	7.65	82	1036617	40.300	ng	98
26) 2-Nitrophenol	7.72	139	274956	45.099	ng	100
27) 2,4-Dimethylphenol	7.76	122	455481	43.976	ng	99
28) bis(2-Chloroethoxy)methane	7.85	93	648935	39.716	ng	99
29) 2,4-Dichlorophenol	7.97	162	426617	41.691	ng	97
30) 1,2,4-Trichlorobenzene	8.04	180	420529	38.943	ng	95
31) Naphthalene	8.12	128	1370546	38.141	ng	99
32) Benzoic acid	7.92	122	291831	42.842	ng	96
33) 4-Chloroaniline	8.18	127	94888	6.076	ng	95
34) Hexachlorobutadiene	8.23	225	234434	37.536	ng	98
35) Caprolactam	8.57	113	85541	24.075	ng	90
36) 4-Chloro-3-methylphenol	8.67	107	459065	40.817	ng	98
37) 2-Methylnaphthalene	8.82	142	925640	39.538	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	393565	35.846	ng	97
40) Hexachlorocyclopentadiene	8.96	237	215634	85.001	ng	97

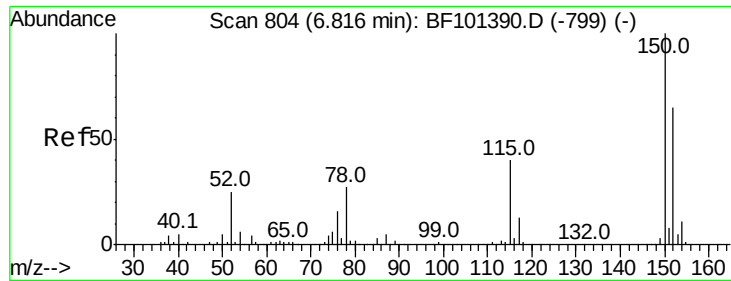
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF121417\
 Data File : BF101398.D
 Acq On : 14 Dec 2017 17:35
 Operator : SJ/JU
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 14 15:42:32 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	281943	42.655	ng	99
43) 2,4,5-Trichlorophenol	9.15	196	295742	40.863	ng	94
45) 1,1'-Biphenyl	9.28	154	1049735	36.399	ng	98
46) 2-Chloronaphthalene	9.30	162	845306	38.307	ng	99
47) 2-Nitroaniline	9.41	65	312014	40.930	ng	88
48) Acenaphthylene	9.72	152	1258122	36.097	ng	100
49) Dimethylphthalate	9.58	163	985994	37.695	ng	99
50) 2,6-Dinitrotoluene	9.65	165	218716	41.141	ng	# 86
51) Acenaphthene	9.89	154	773068	36.918	ng	99
52) 3-Nitroaniline	9.82	138	130861	19.743	ng	96
53) 2,4-Dinitrophenol	9.95	184	171591	91.037	ng	# 18
54) Dibenzofuran	10.06	168	1054293	39.618	ng	97
55) 4-Nitrophenol	10.00	139	267973	92.720	ng	89
56) 2,4-Dinitrotoluene	10.07	165	253797	42.372	ng	# 91
57) Fluorene	10.41	166	872491	38.757	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.19	232	236289	45.442	ng	89
59) Diethylphthalate	10.28	149	978736	37.785	ng	96
60) 4-Chlorophenyl-phenylether	10.40	204	418400	38.780	ng	89
61) 4-Nitroaniline	10.45	138	206197	30.950	ng	97
62) Azobenzene	10.56	77	1015869	37.859	ng	96
64) 4,6-Dinitro-2-methylphenol	10.48	198	127687	40.781	ng	91
65) n-Nitrosodiphenylamine	10.52	169	834402	36.831	ng	94
66) 4-Bromophenyl-phenylether	10.89	248	267812	38.847	ng	90
67) Hexachlorobenzene	10.96	284	276390	37.880	ng	94
68) Atrazine	11.05	200	263333	38.982	ng	96
69) Pentachlorophenol	11.16	266	248931	87.098	ng	98
70) Phenanthrene	11.37	178	1283758	37.624	ng	98
71) Anthracene	11.43	178	1317347	37.797	ng	100
72) Carbazole	11.59	167	1181006	36.192	ng	99
73) Di-n-butylphthalate	11.90	149	1482750	37.438	ng	100
74) Fluoranthene	12.57	202	1339441	37.400	ng	97
76) Benzidine	12.69	184	68340	3.530	ng	99
77) Pyrene	12.80	202	1400449	40.707	ng	99
79) Butylbenzylphthalate	13.40	149	643691	41.351	ng	94
80) Benzo(a)anthracene	13.99	228	1178201	38.924	ng	99
81) 3,3'-Dichlorobenzidine	13.94	252	228264	23.128	ng	98
82) Chrysene	14.03	228	1114310	38.990	ng	99
83) Bis(2-ethylhexyl)phthalate	13.96	149	825242	41.854	ng	99
84) Di-n-octyl phthalate	14.57	149	1336500	38.008	ng	97
85) Indeno(1,2,3-cd)pyrene	16.96	276	851282	33.449	ng	96
87) Benzo(b)fluoranthene	15.04	252	983281	46.082	ng	98
88) Benzo(k)fluoranthene	15.07	252	830582	40.036	ng	98
89) Benzo(a)pyrene	15.41	252	842668	42.840	ng	99
90) Dibenzo(a,h)anthracene	16.96	278	701612	41.544	ng	96
91) Benzo(g,h,i)perylene	17.40	276	755476	45.175	ng	95

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

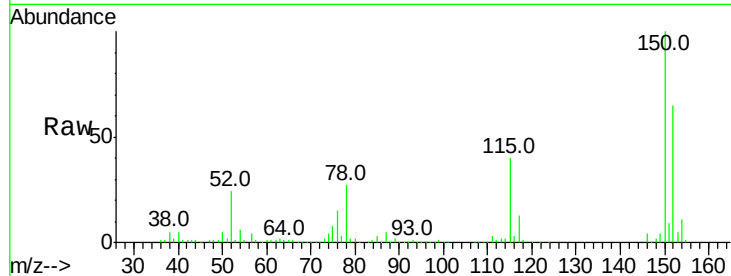


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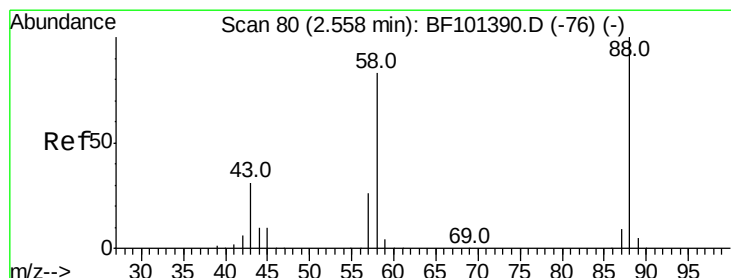
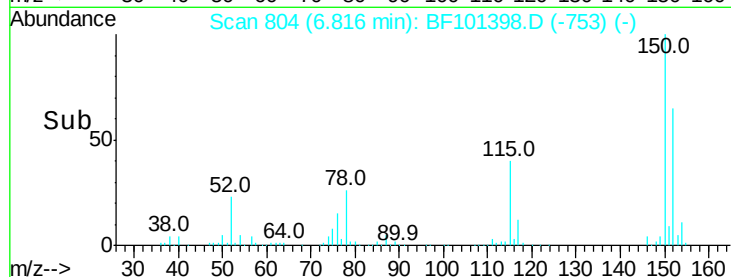
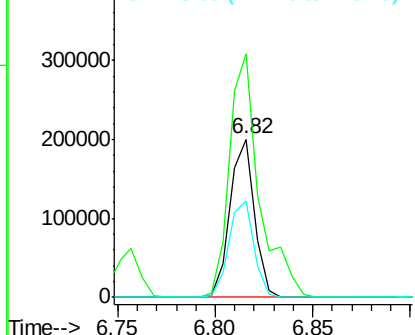
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.00 min
Lab File: BF101398.D
Acq: 14 Dec 2017 17:35

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 173779
Ion Ratio Lower Upper
152 100
150 153.8 124.6 186.8
115 61.0 50.1 75.1



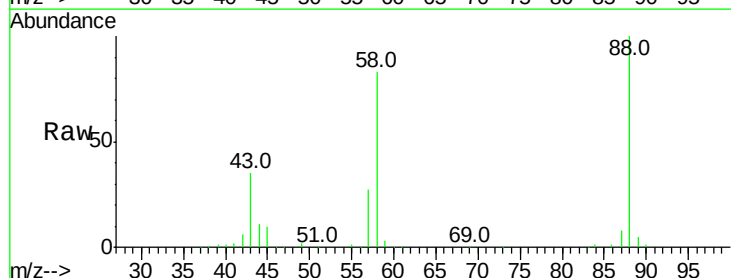
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



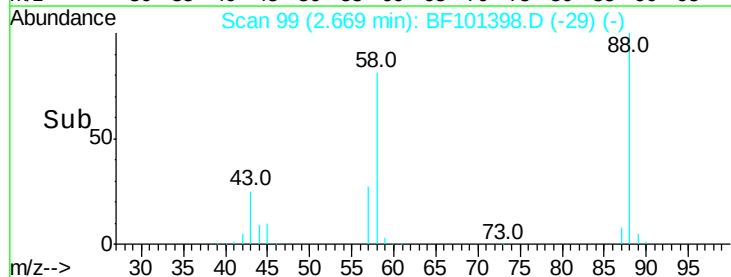
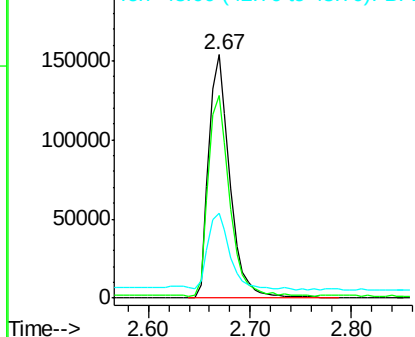
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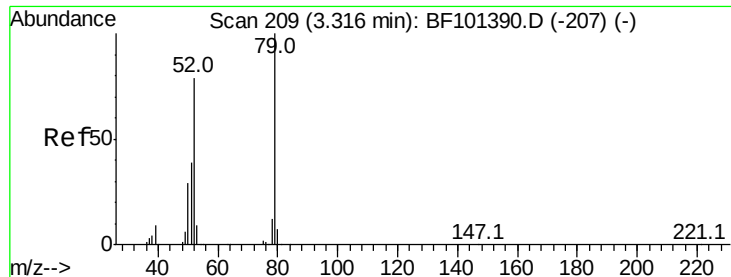
1,4-Dioxane
Concen: 37.238 ng
RT: 2.67 min Scan# 99
Delta R.T. 0.11 min
Lab File: BF101398.D
Acq: 14 Dec 2017 17:35

Tgt Ion: 88 Resp: 223224
Ion Ratio Lower Upper
88 100
58 82.9 62.6 93.8
43 32.8 24.6 37.0



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

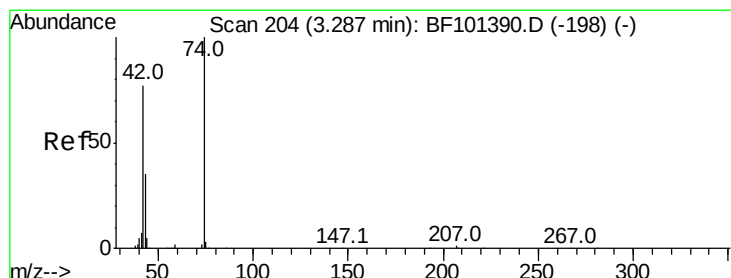
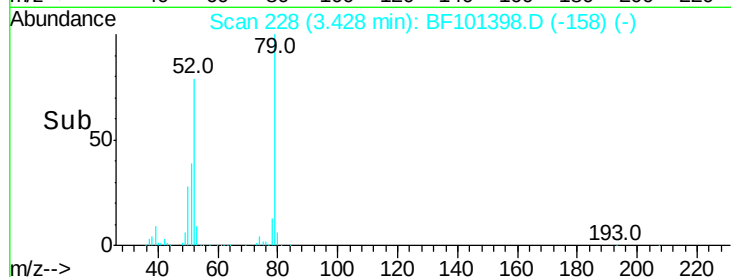
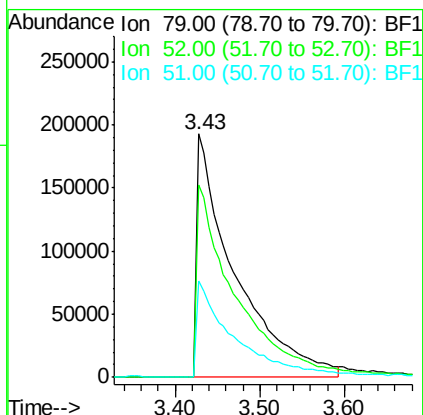
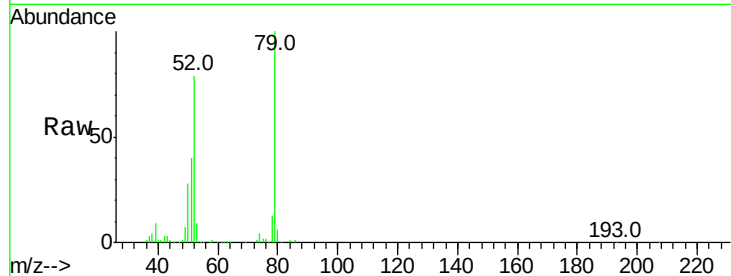




#3
 Pvridine
 Concen: 35.961 ng
 RT: 3.43 min Scan# 228
 Delta R.T. 0.11 min
 Lab File: BF101398.D
 Acq: 14 Dec 2017 17:35

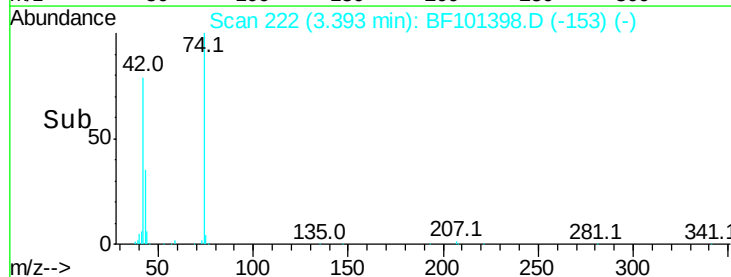
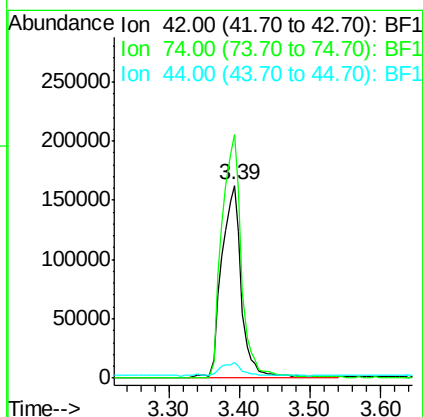
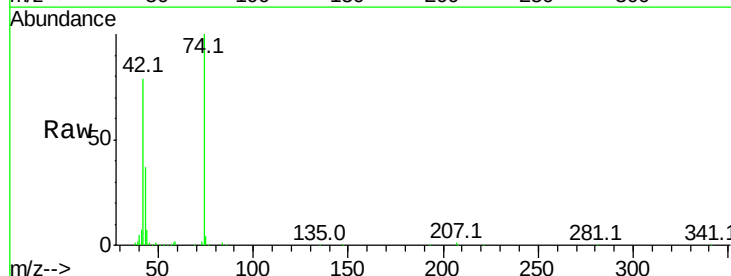
Instrument :
 BNA_F
 ClientSampled :

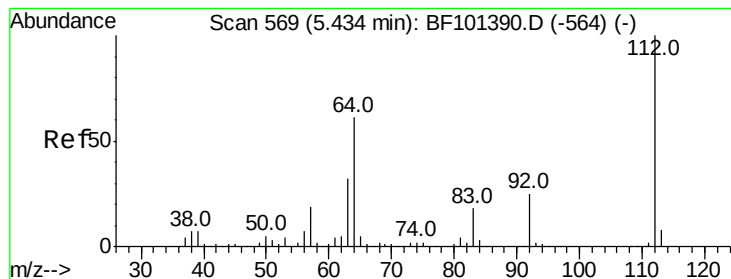
Tot Ion: 79 Resp: 598946
 Ion Ratio Lower Upper
 79 100
 52 79.2 59.8 89.6
 51 39.6 29.8 44.8



#4
 n-Nitrosodimethylamine
 Concen: 41.151 ng
 RT: 3.39 min Scan# 222
 Delta R.T. 0.11 min
 Lab File: BF101398.D
 Acq: 14 Dec 2017 17:35

Tgt Ion: 42 Resp: 315567
 Ion Ratio Lower Upper
 42 100
 74 126.5 104.9 157.3
 44 8.4 6.9 10.3





#5

2-Fluorophenol

Concen: 113.446 ng

RT: 5.45 min Scan# 572

Delta R.T. 0.02 min

Lab File: BF101398.D

Acq: 14 Dec 2017 17:35

Instrument :
BNA_F
ClientSampleId :

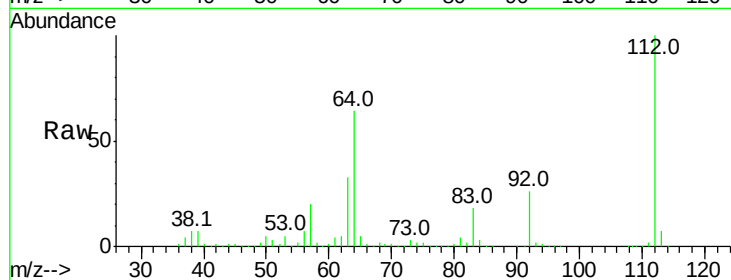
Tot Ion:112 Resp: 1323493

Ion Ratio Lower Upper

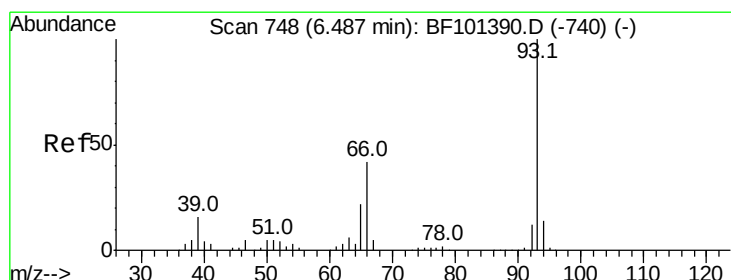
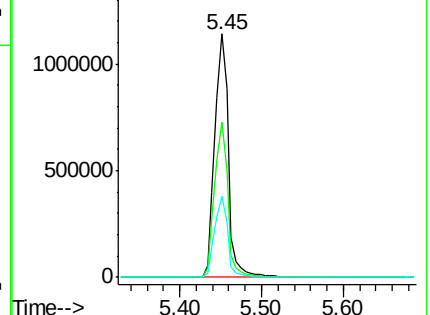
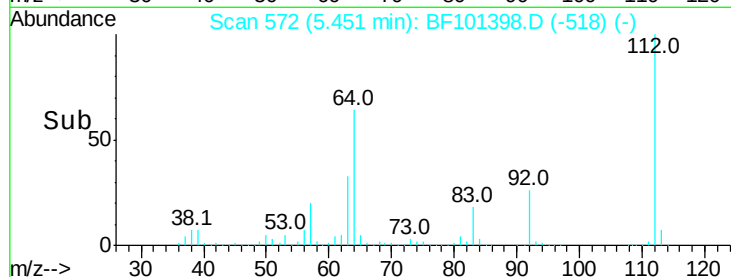
112 100

64 63.7 47.9 71.9

63 33.3 23.7 35.5



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



#6

Aniline

Concen: 8.622 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF101398.D

Acq: 14 Dec 2017 17:35

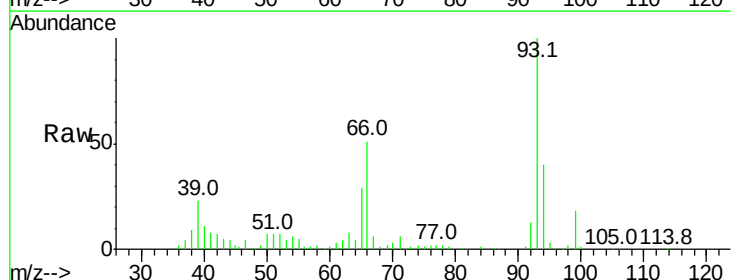
Tgt Ion: 93 Resp: 173965

Ion Ratio Lower Upper

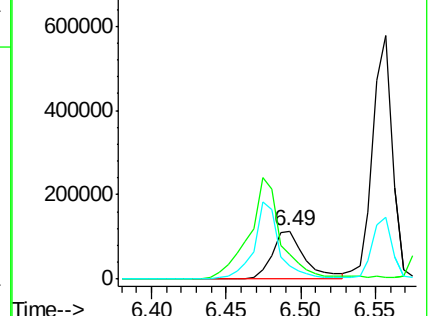
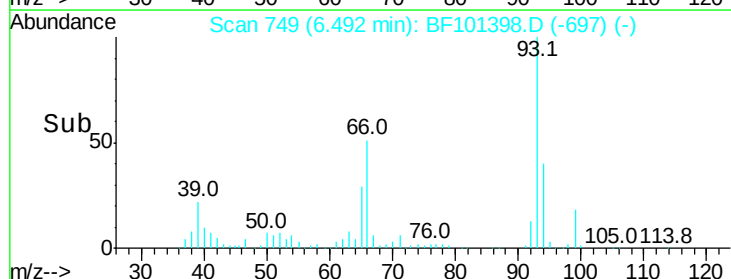
93 100

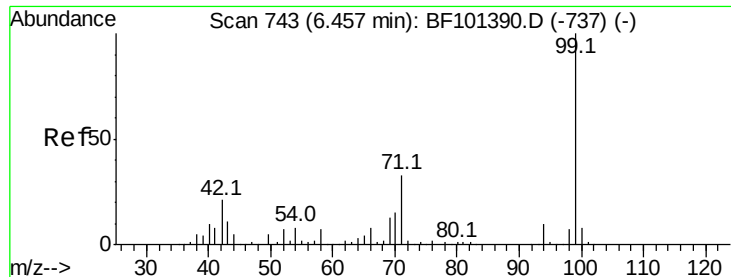
66 51.4 32.2 48.2#

65 28.8 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: 112.328 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF101398.D

Acq: 14 Dec 2017 17:35

Instrument :

BNA_F

ClientSampled :

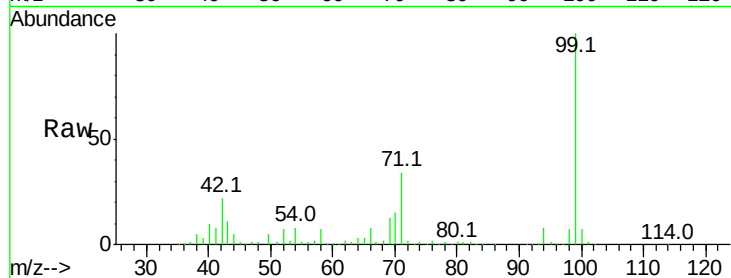
Tot Ion: 99 Resp: 1630917

Ion Ratio Lower Upper

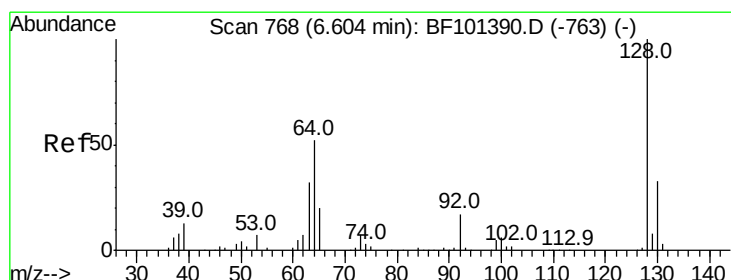
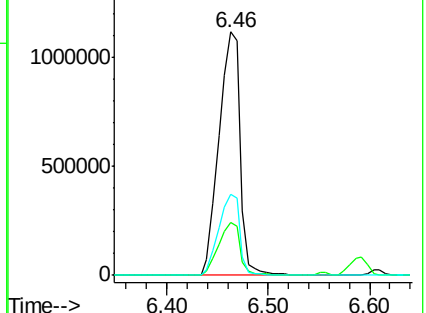
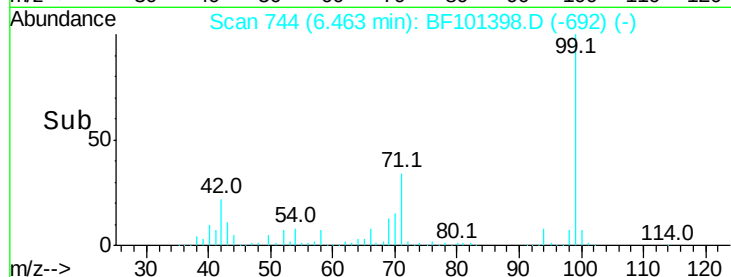
99 100

42 21.6 14.5 21.7

71 33.6 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: 39.128 ng

RT: 6.61 min Scan# 769

Delta R.T. 0.01 min

Lab File: BF101398.D

Acq: 14 Dec 2017 17:35

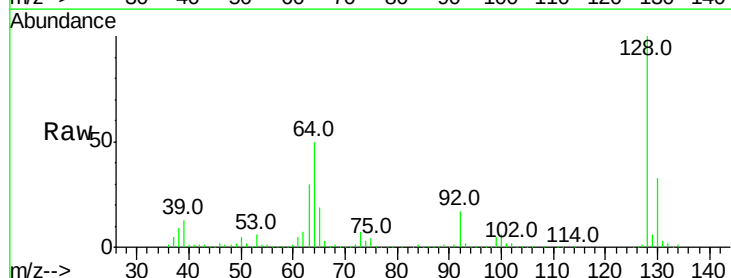
Tgt Ion: 128 Resp: 480190

Ion Ratio Lower Upper

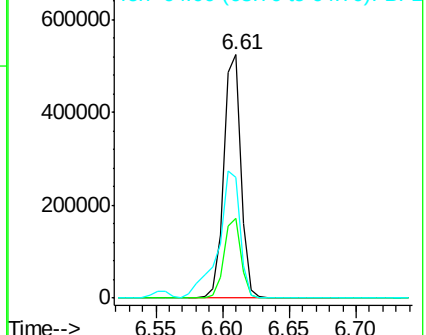
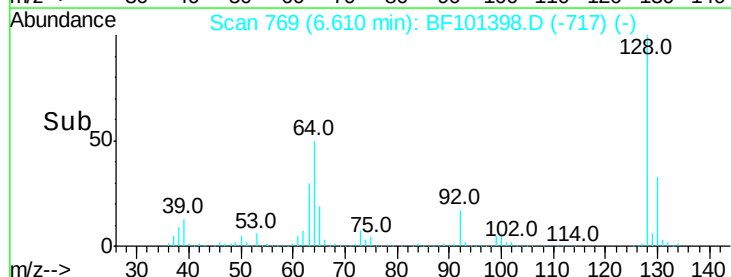
128 100

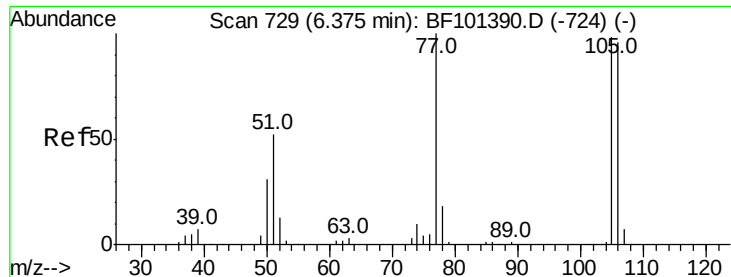
130 32.8 13.0 53.0

64 49.7 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: 14.596 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF101398.D

Acq: 14 Dec 2017 17:35

Instrument :

BNA_F

ClientSampled :

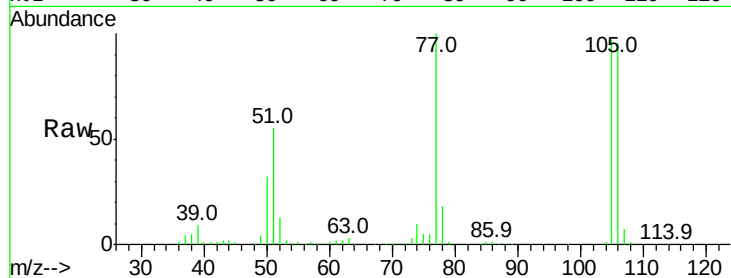
Tot Ion: 77 Resp: 156512

Ion Ratio Lower Upper

77 100

105 97.1 81.1 121.1

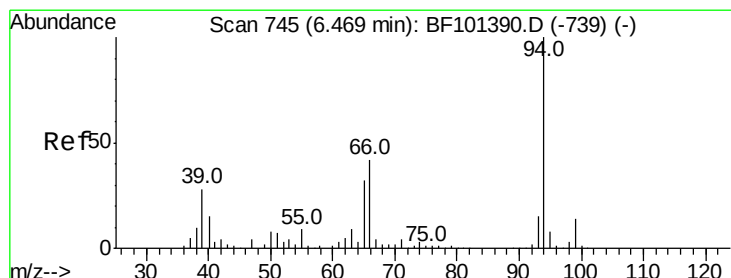
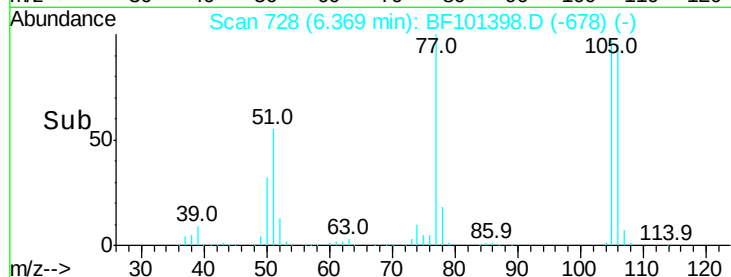
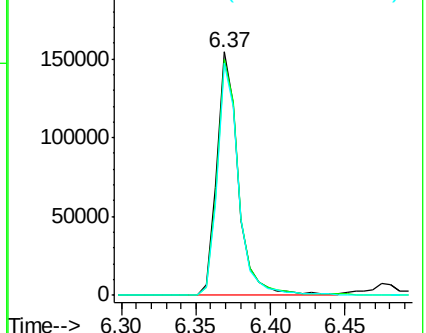
106 95.1 74.5 114.5



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: 37.038 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.01 min

Lab File: BF101398.D

Acq: 14 Dec 2017 17:35

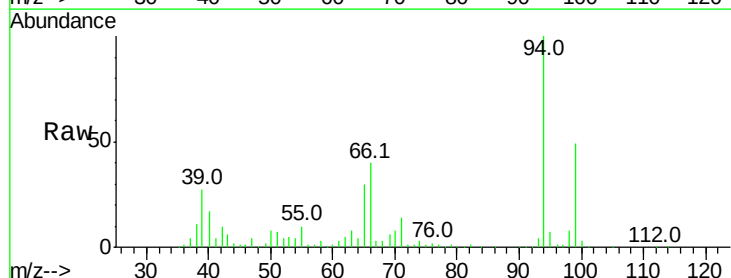
Tgt Ion: 94 Resp: 612921

Ion Ratio Lower Upper

94 100

65 30.5 7.9 47.9

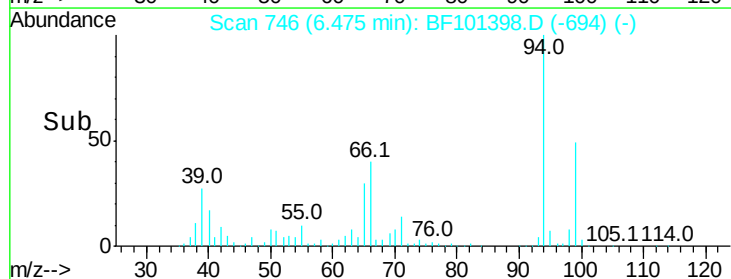
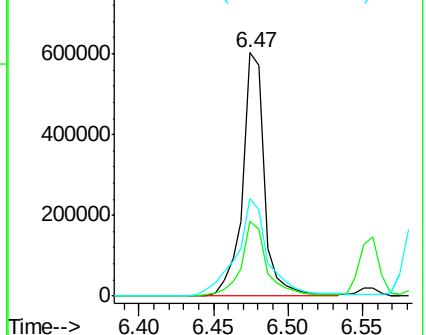
66 40.0 16.2 56.2

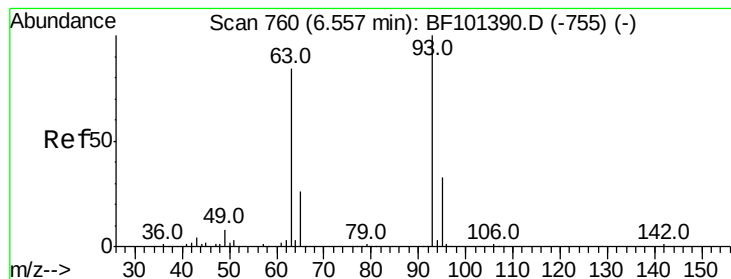


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

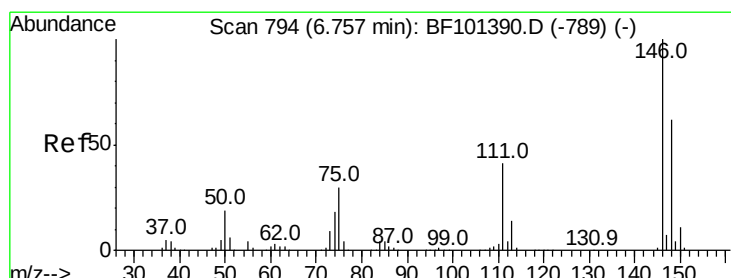
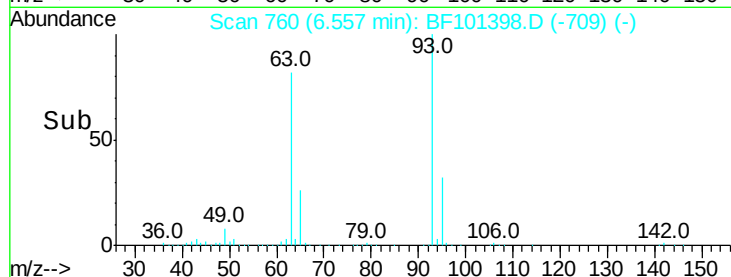
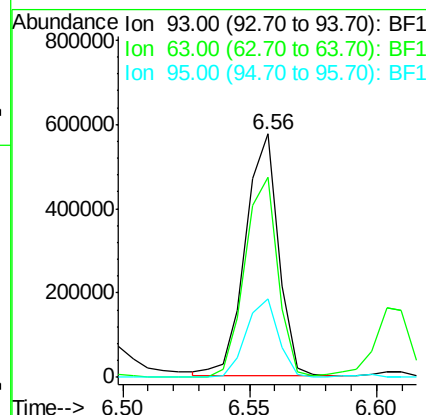
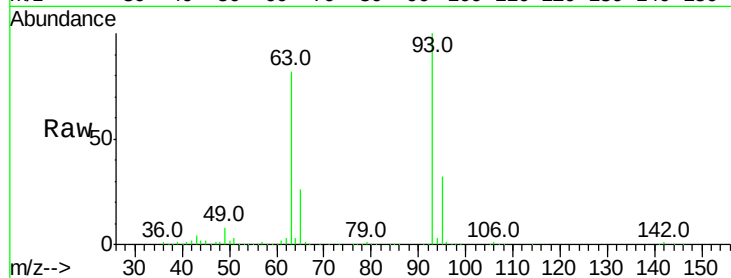




#11
bis(2-Chloroethyl)ether
Concen: 40.111 ng
RT: 6.56 min Scan# 760
Delta R.T. -0.00 min
Lab File: BF101398.D
Acq: 14 Dec 2017 17:35

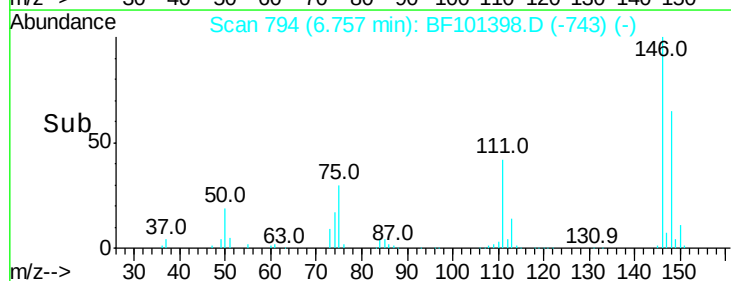
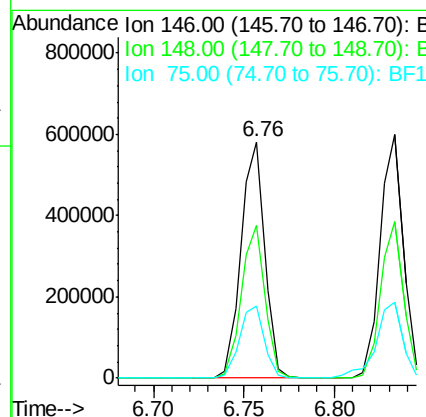
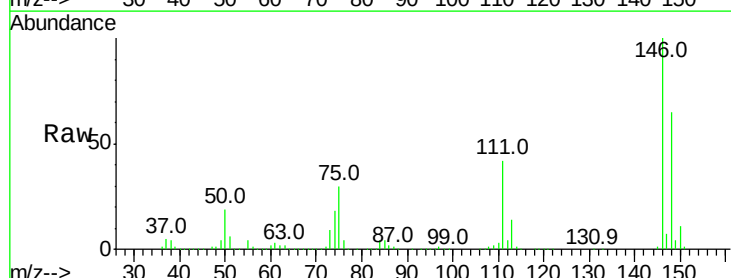
Instrument :
BNA_F
ClientSampleId :

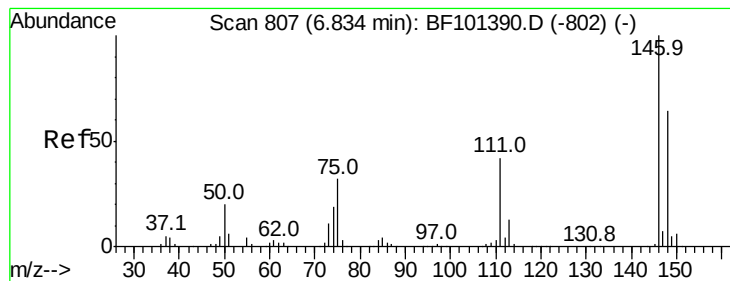
Tot Ion: 93 Resp: 520667
Ion Ratio Lower Upper
93 100
63 82.1 58.6 98.6
95 32.1 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 38.341 ng
RT: 6.76 min Scan# 794
Delta R.T. -0.00 min
Lab File: BF101398.D
Acq: 14 Dec 2017 17:35

Tgt Ion: 146 Resp: 531049
Ion Ratio Lower Upper
146 100
148 64.5 51.8 77.8
75 30.5 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 37.757 ng

RT: 6.83 min Scan# 807

Delta R.T. -0.00 min

Lab File: BF101398.D

Acq: 14 Dec 2017 17:35

Instrument :

BNA_F

ClientSampleId :

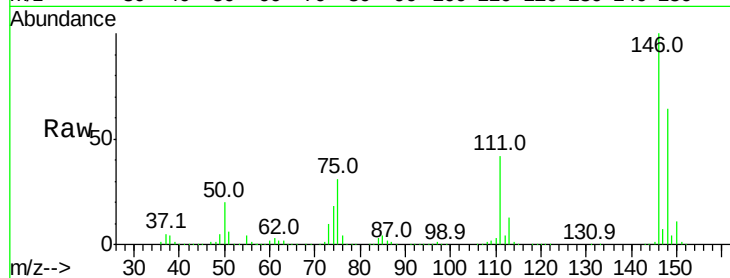
Tot Ion:146 Resp: 534036

Ion Ratio Lower Upper

146 100

148 64.1 50.8 76.2

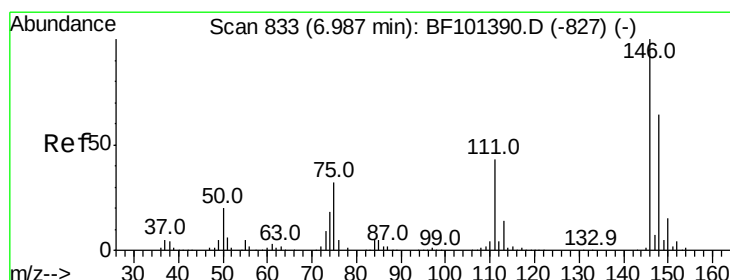
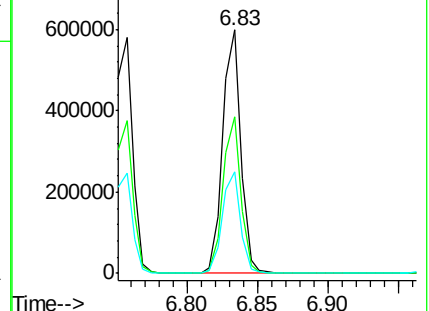
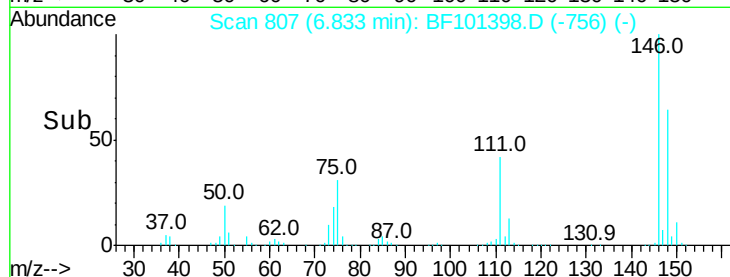
111 41.6 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 38.018 ng

RT: 6.99 min Scan# 833

Delta R.T. -0.00 min

Lab File: BF101398.D

Acq: 14 Dec 2017 17:35

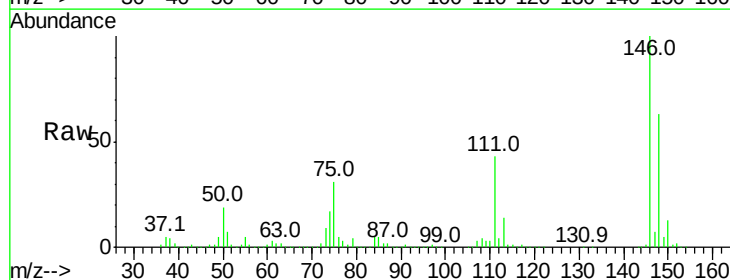
Tgt Ion:146 Resp: 484025

Ion Ratio Lower Upper

146 100

148 63.5 50.6 75.8

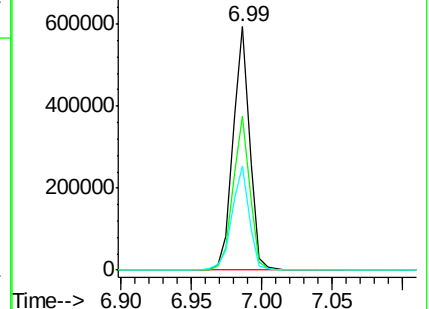
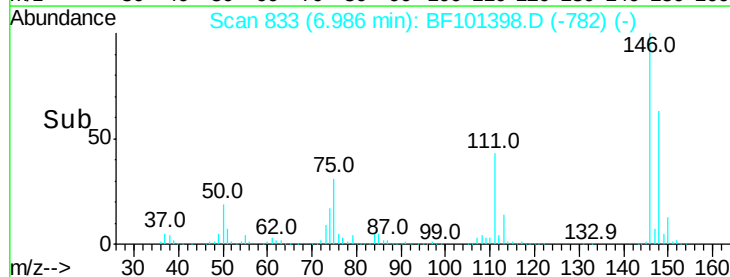
111 42.6 36.0 54.0

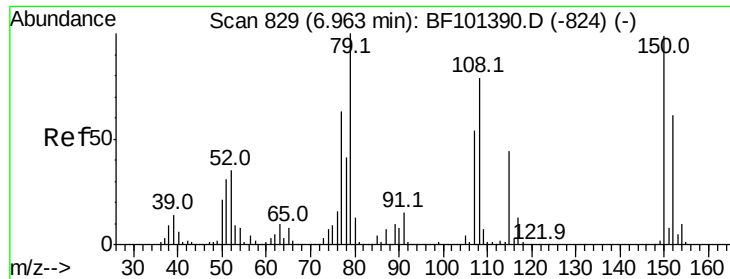


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

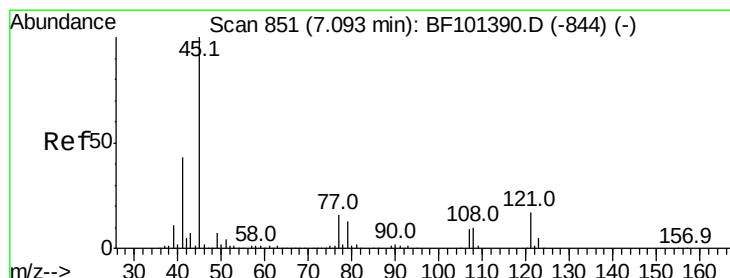
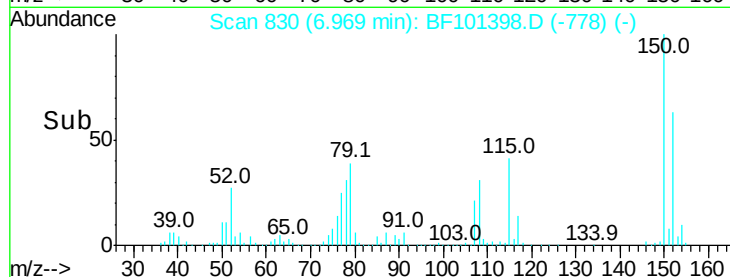
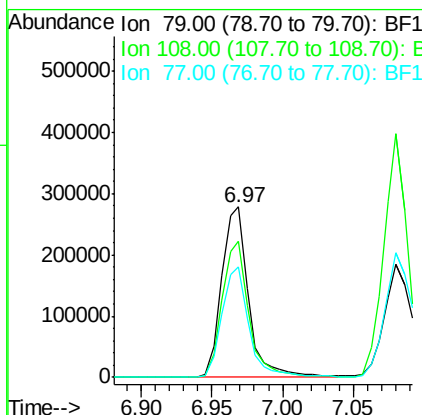
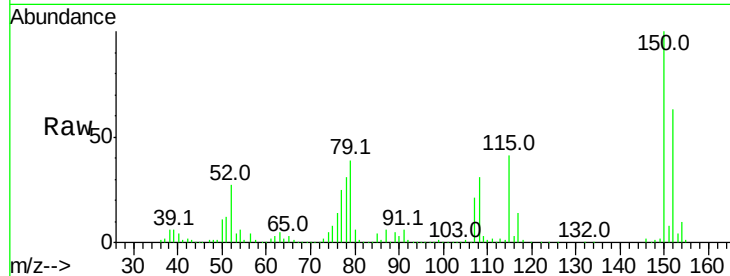




#15
Benzyl Alcohol
Concen: 36.408 ng
RT: 6.97 min Scan# 830
Delta R.T. 0.01 min
Lab File: BF101398.D
Acq: 14 Dec 2017 17:35

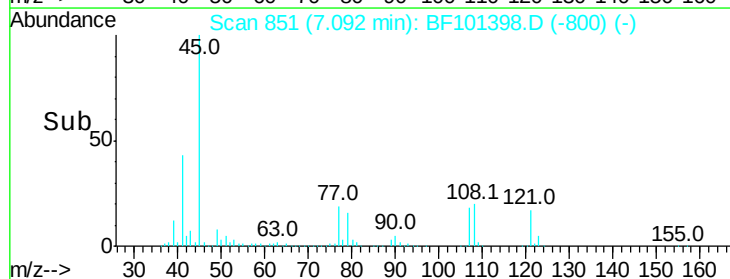
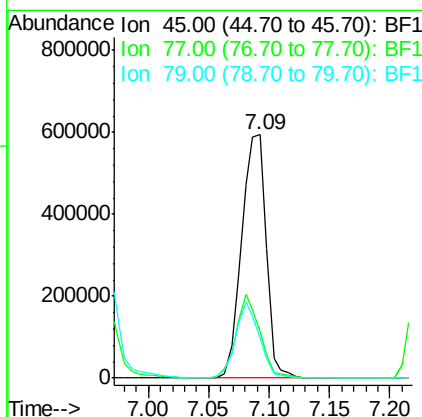
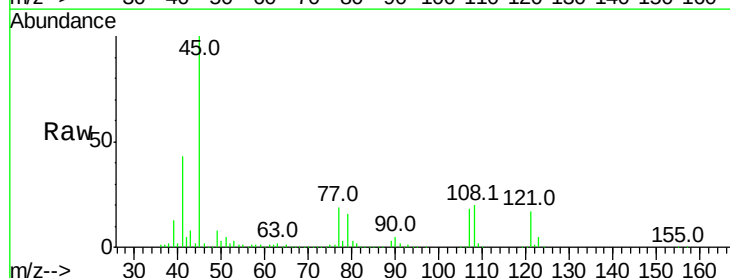
Instrument :
BNA_F
ClientSampled :

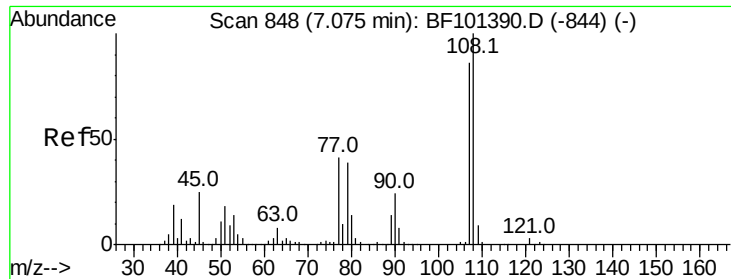
Tot Ion: 79 Resp: 363849
Ion Ratio Lower Upper
79 100
108 79.9 65.1 97.7
77 65.2 50.6 75.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.460 ng
RT: 7.09 min Scan# 851
Delta R.T. -0.00 min
Lab File: BF101398.D
Acq: 14 Dec 2017 17:35

Tgt Ion: 45 Resp: 843520
Ion Ratio Lower Upper
45 100
77 19.1 0.0 32.9
79 16.4 0.0 29.6

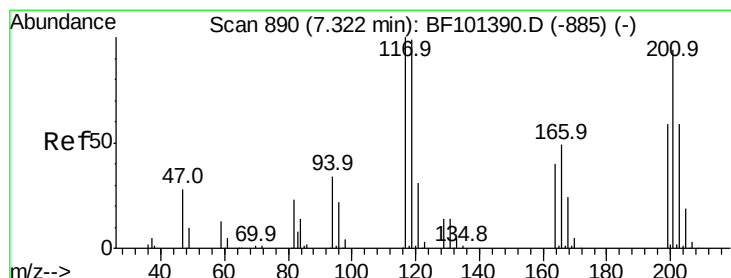
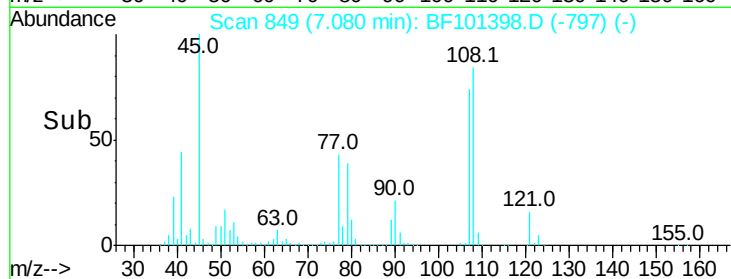
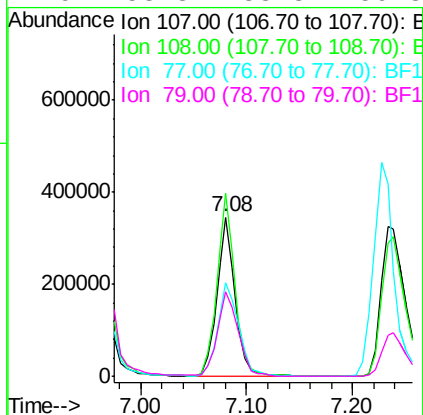
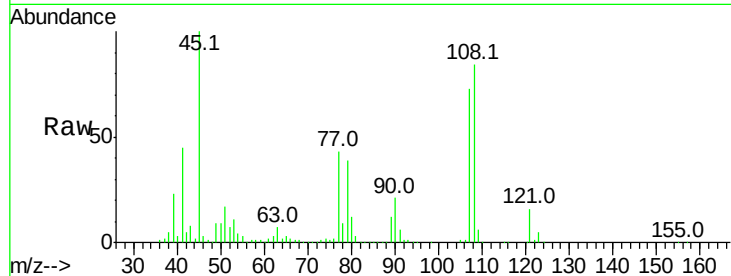




#17
2-Methylphenol
Concen: 36.578 ng
RT: 7.08 min Scan# 849
Delta R.T. 0.01 min
Lab File: BF101398.D
Acq: 14 Dec 2017 17:35

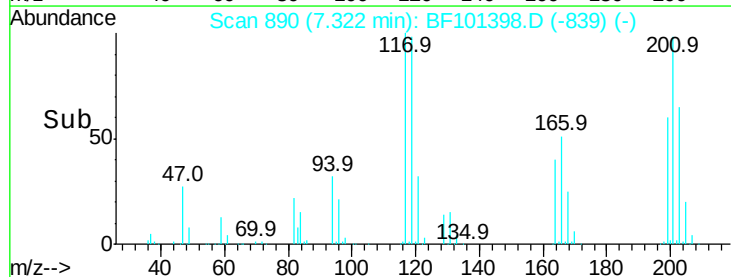
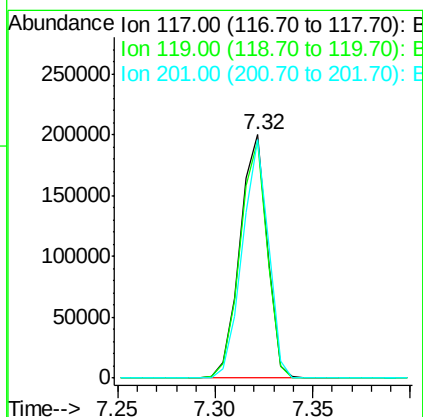
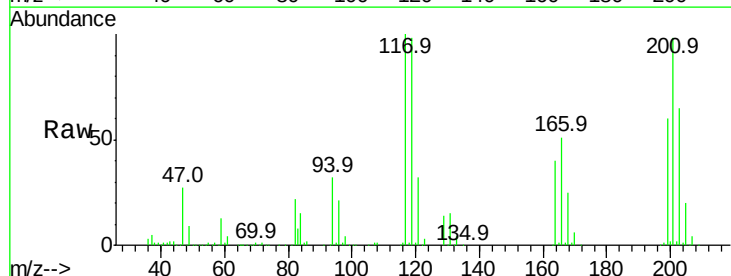
Instrument :
BNA_F
ClientSampleId :

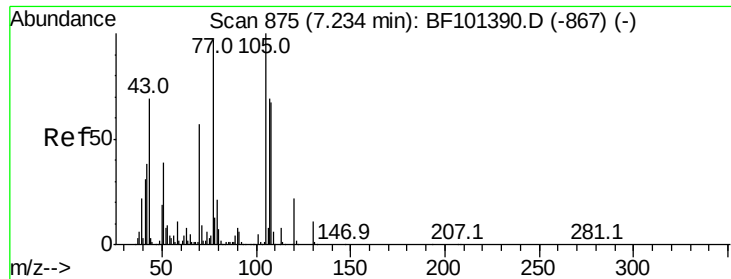
Tot Ion:107 Resp: 412918
Ion Ratio Lower Upper
107 100
108 114.8 91.7 137.5
77 58.6 33.8 50.8#
79 53.3 33.8 50.8#



#18
Hexachloroethane
Concen: 39.420 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.00 min
Lab File: BF101398.D
Acq: 14 Dec 2017 17:35

Tgt Ion:117 Resp: 193850
Ion Ratio Lower Upper
117 100
119 97.5 75.8 113.8
201 98.0 75.7 113.5

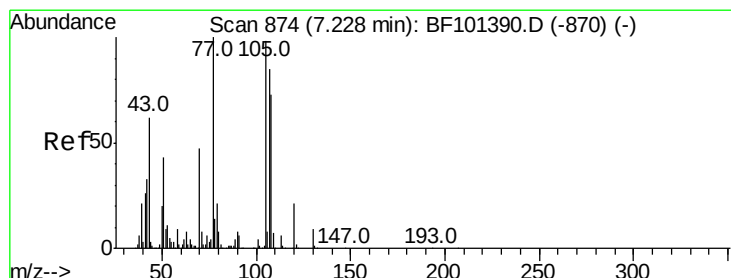
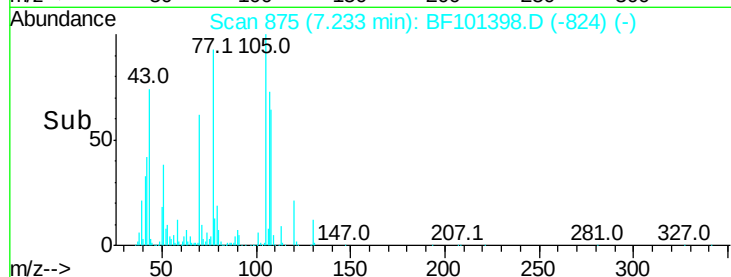
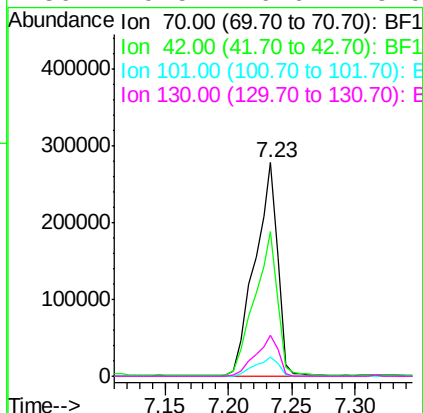
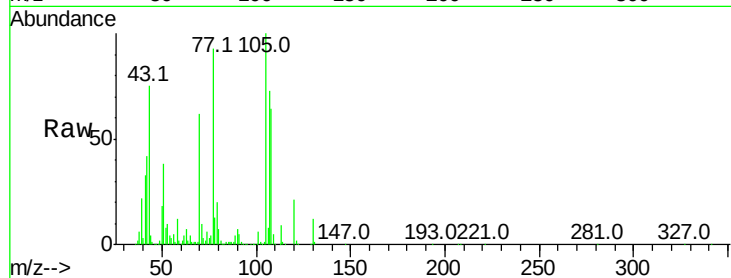




#19
n-Nitroso-di-n-propylamine
Concen: 36.821 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.00 min
Lab File: BF101398.D
Acq: 14 Dec 2017 17:35

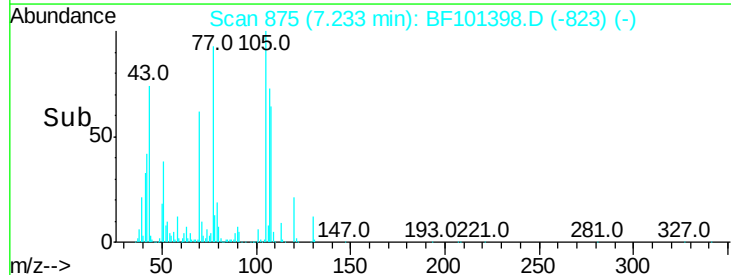
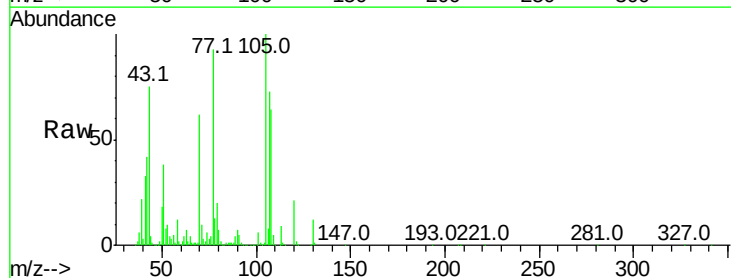
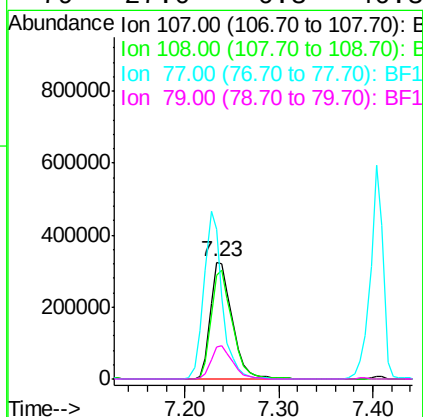
Instrument :
BNA_F
ClientSampleId :

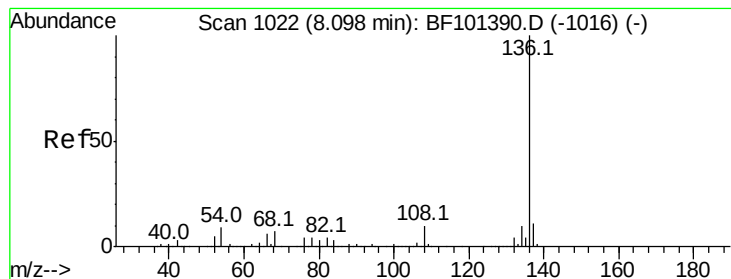
Tot Ion: 70 Resp: 351090
Ion Ratio Lower Upper
70 100
42 67.6 47.5 71.3
101 9.3 7.4 11.2
130 19.5 16.6 25.0



#20
3+4-Methylphenols
Concen: 44.023 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.01 min
Lab File: BF101398.D
Acq: 14 Dec 2017 17:35

Tgt Ion:107 Resp: 526615
Ion Ratio Lower Upper
107 100
108 88.7 68.2 108.2
77 128.4 26.7 66.7#
79 27.0 6.3 46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.00 min

Lab File: BF101398.D

Acq: 14 Dec 2017 17:35

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 713762

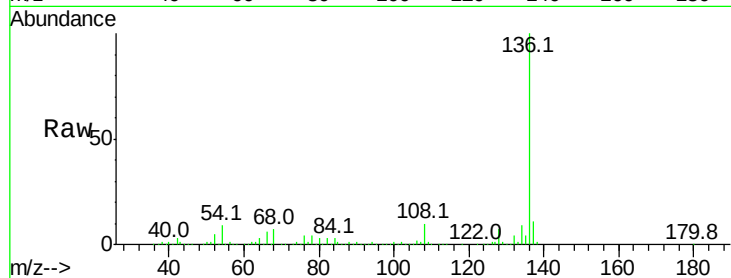
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 9.4 6.6 9.8

68 6.8 5.0 7.4

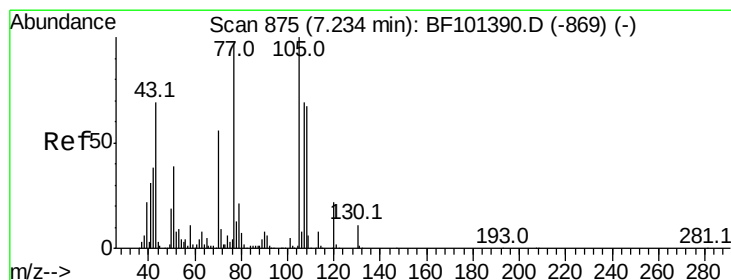
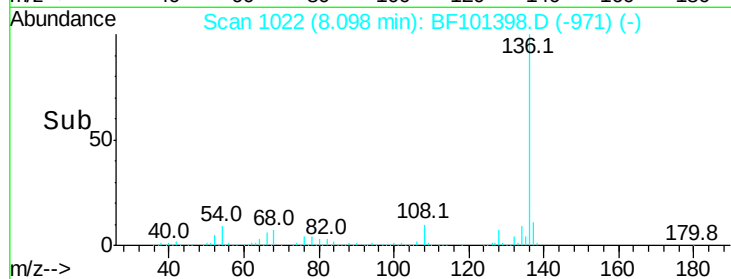
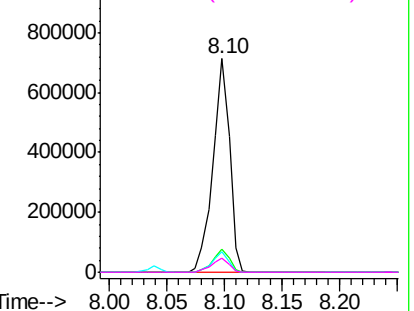


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 38.906 ng

RT: 7.23 min Scan# 874

Delta R.T. -0.01 min

Lab File: BF101398.D

Acq: 14 Dec 2017 17:35

Tgt Ion:105 Resp: 633632

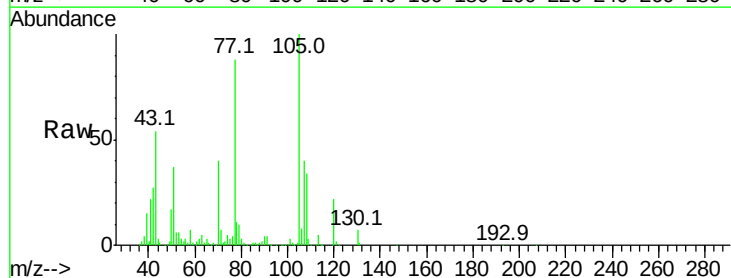
Ion Ratio Lower Upper

105 100

71 6.5 4.4 6.6

51 36.6 22.3 33.5#

120 21.7 16.9 25.3

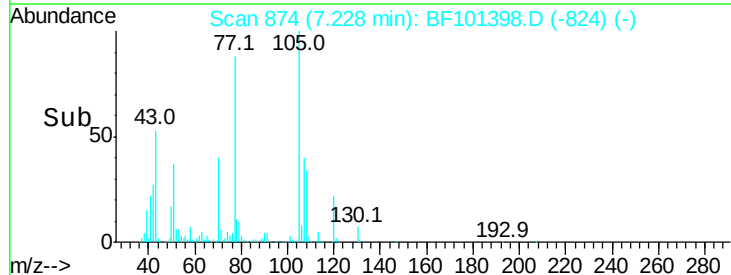
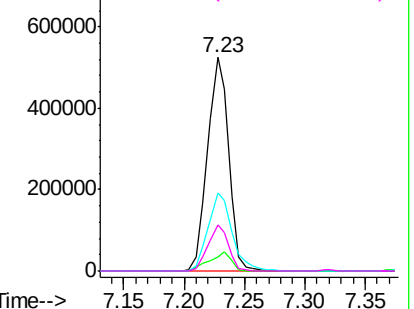


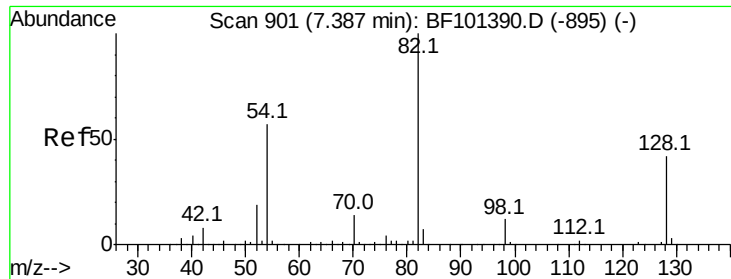
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

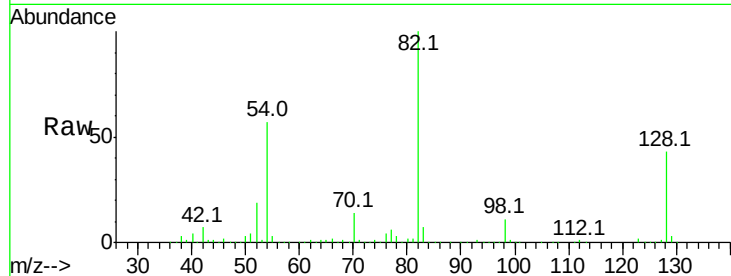




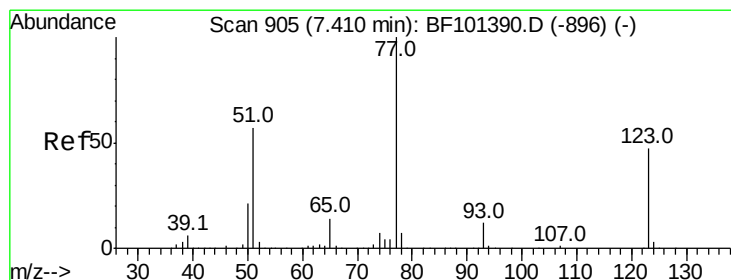
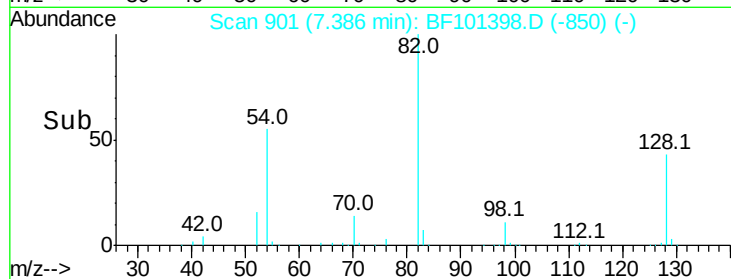
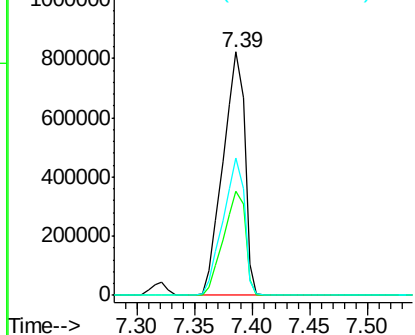
#23
Nitrobenzene-d5
Concen: 83.797 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.00 min
Lab File: BF101398.D
Acq: 14 Dec 2017 17:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 1074467
Ion Ratio Lower Upper
82 100
128 42.9 36.1 54.1
54 56.6 41.4 62.2

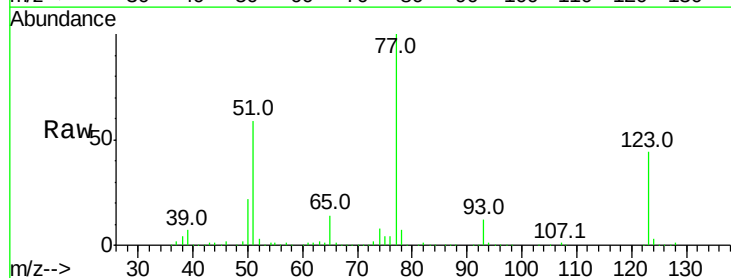


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

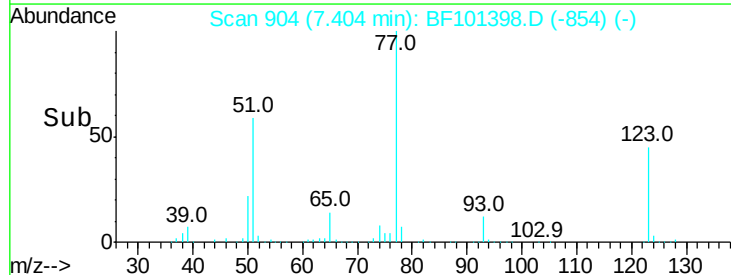
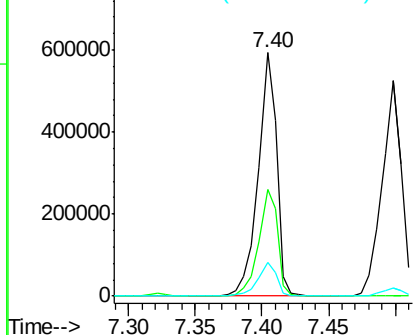


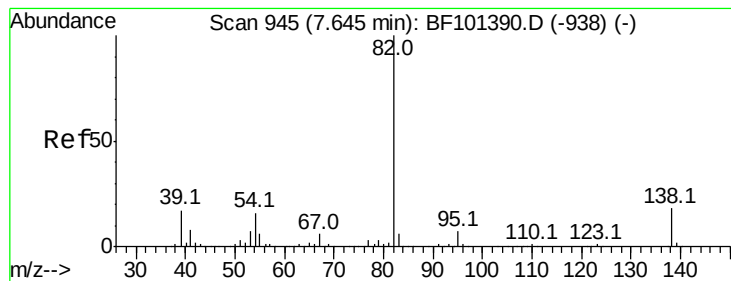
#24
Nitrobenzene
Concen: 39.355 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF101398.D
Acq: 14 Dec 2017 17:35

Tgt Ion: 77 Resp: 558489
Ion Ratio Lower Upper
77 100
123 44.0 37.9 56.9
65 14.1 11.0 16.4



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





#25

Isophorone

Concen: 40.300 ng

RT: 7.65 min Scan# 945

Delta R.T. -0.00 min

Lab File: BF101398.D

Acq: 14 Dec 2017 17:35

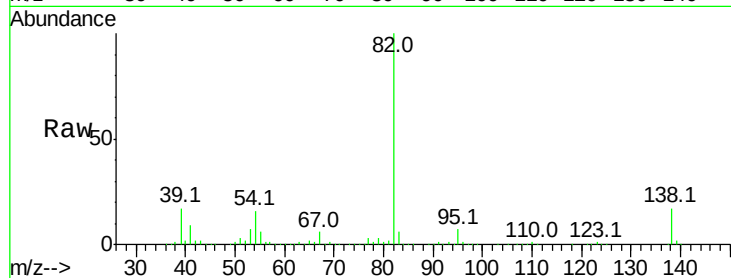
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 82 Resp: 1036617

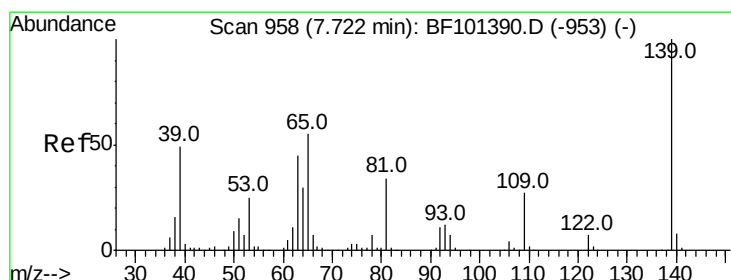
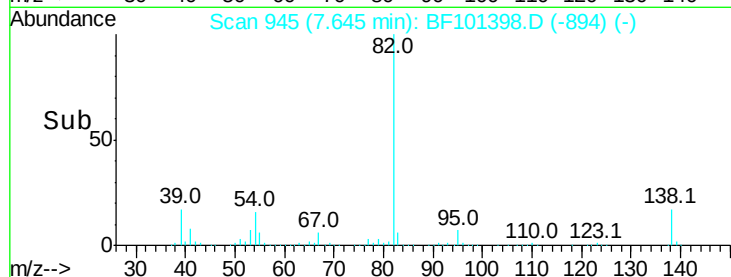
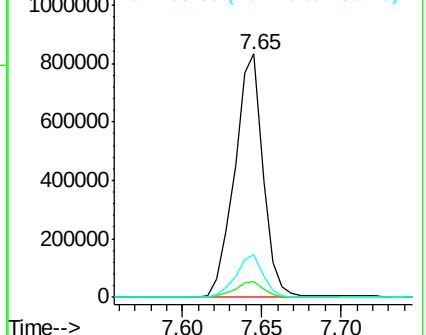
Ion	Ratio	Lower	Upper
82	100		
95	6.7	5.2	7.8
138	17.4	14.9	22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 45.099 ng

RT: 7.72 min Scan# 958

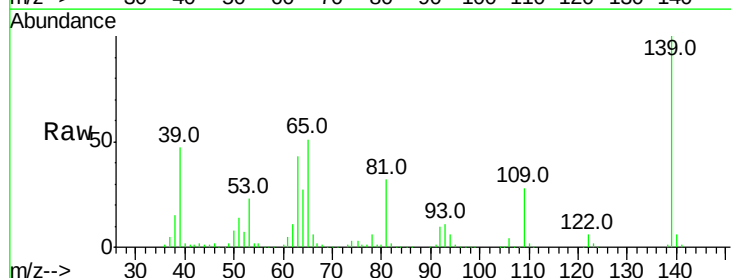
Delta R.T. -0.00 min

Lab File: BF101398.D

Acq: 14 Dec 2017 17:35

Tgt Ion: 139 Resp: 274956

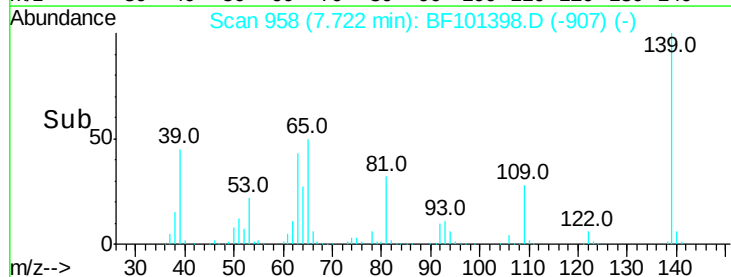
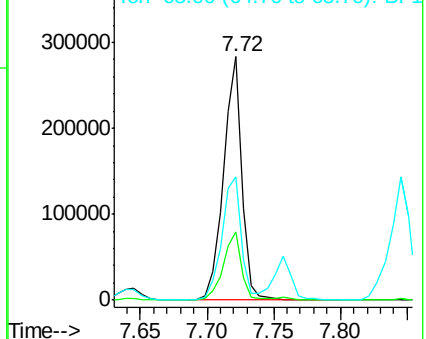
Ion	Ratio	Lower	Upper
139	100		
109	27.8	22.7	34.1
65	50.5	40.5	60.7

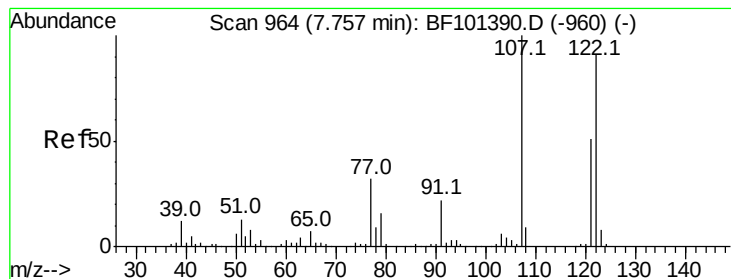


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 43.976 ng

RT: 7.76 min Scan# 964

Delta R.T. -0.00 min

Lab File: BF101398.D

Acq: 14 Dec 2017 17:35

Instrument :

BNA_F

ClientSampleId :

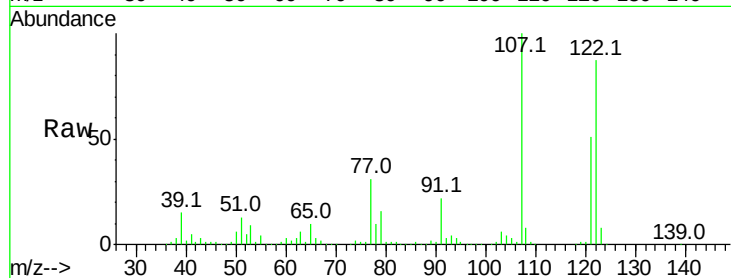
Tot Ion:122 Resp: 455481

Ion Ratio Lower Upper

122 100

107 114.5 91.2 136.8

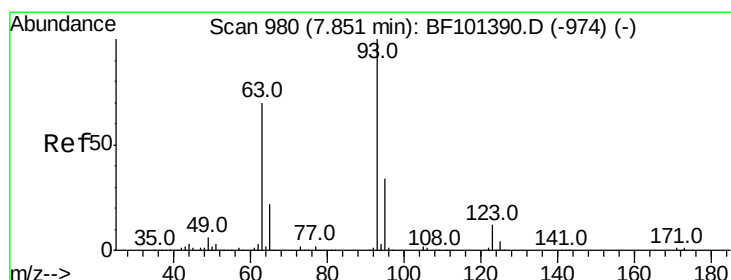
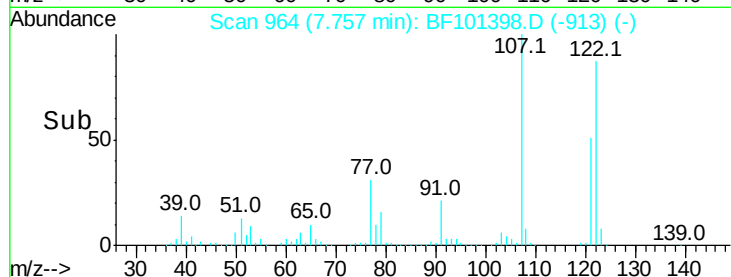
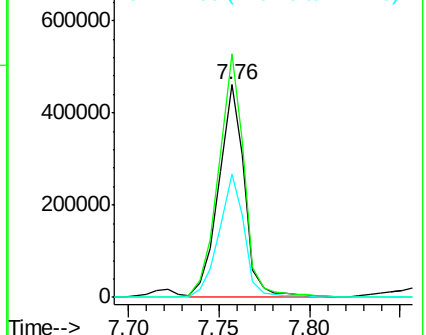
121 58.2 47.2 70.8



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: 39.716 ng

RT: 7.85 min Scan# 979

Delta R.T. -0.01 min

Lab File: BF101398.D

Acq: 14 Dec 2017 17:35

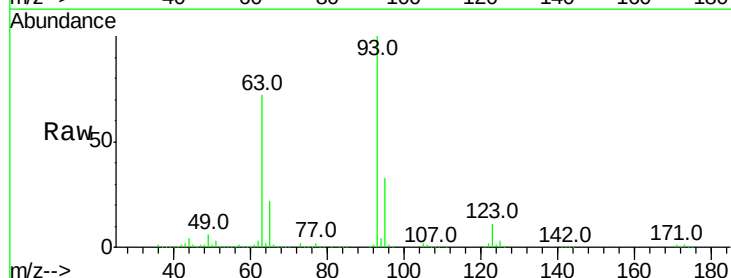
Tgt Ion: 93 Resp: 648935

Ion Ratio Lower Upper

93 100

95 32.7 26.3 39.5

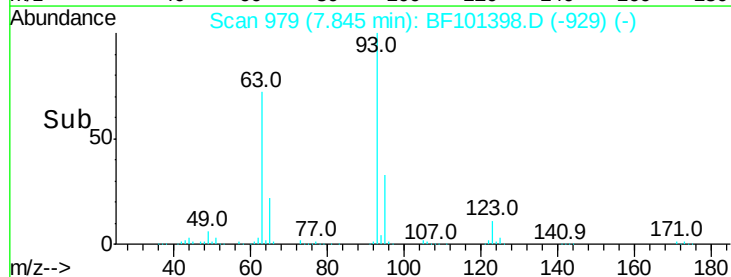
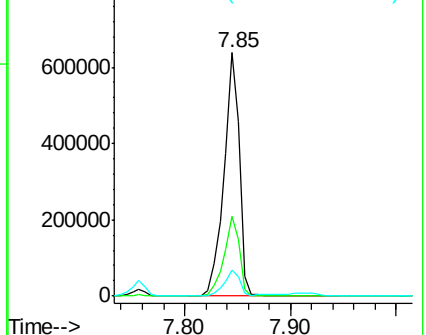
123 10.9 9.8 14.6

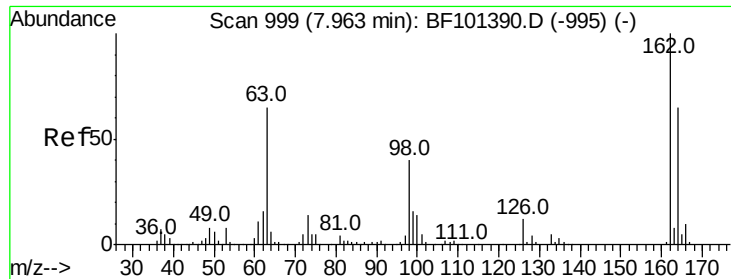


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

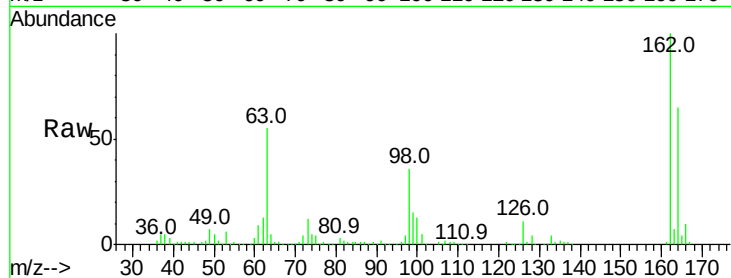




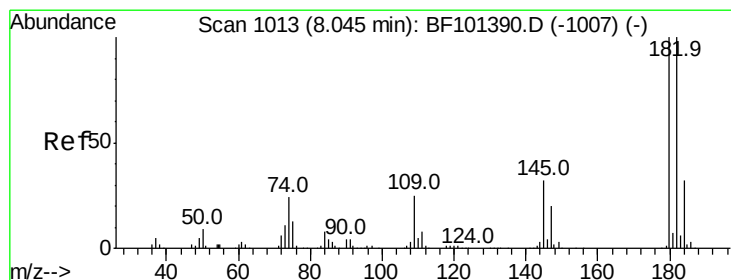
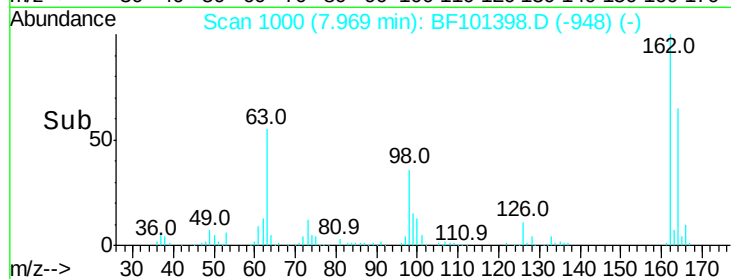
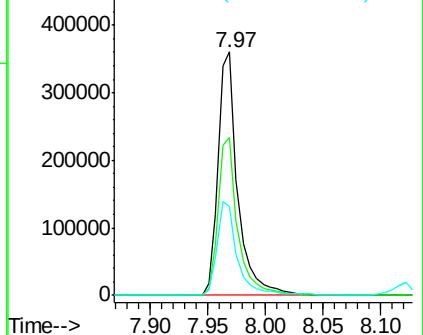
#29
 2,4-Dichlorophenol
 Concen: 41.691 ng
 RT: 7.97 min Scan# 1000
 Delta R.T. 0.01 min
 Lab File: BF101398.D
 Acq: 14 Dec 2017 17:35

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.7	42.7	82.7
98	36.2	18.1	58.1

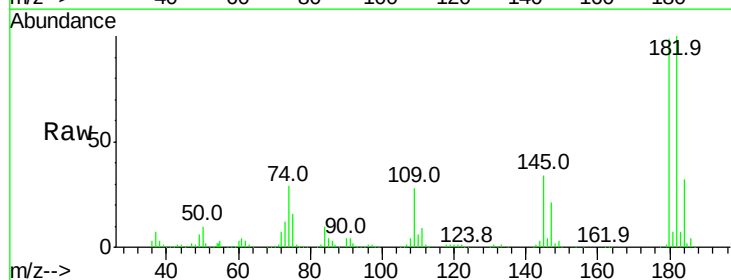


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

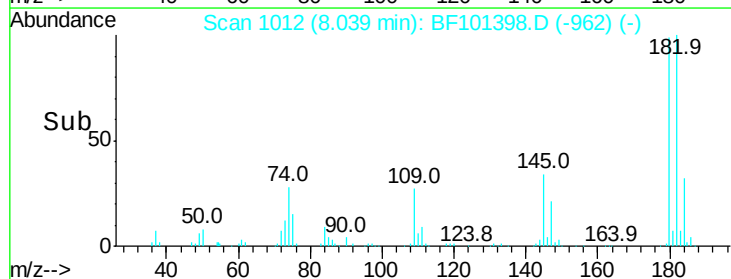
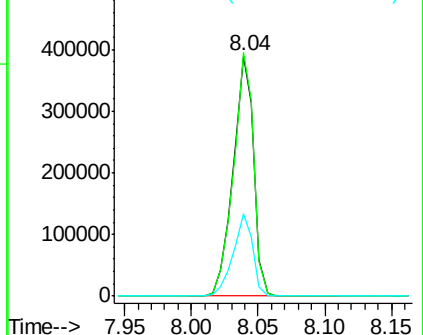


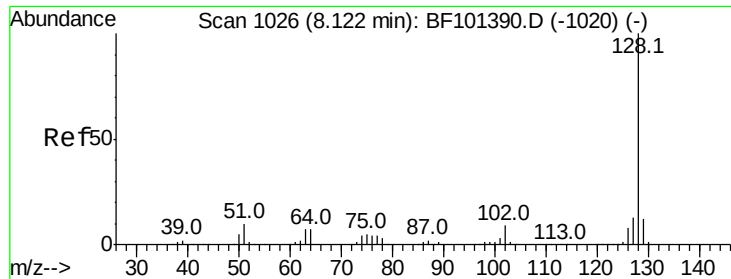
#30
 1,2,4-Trichlorobenzene
 Concen: 38.943 ng
 RT: 8.04 min Scan# 1012
 Delta R.T. -0.01 min
 Lab File: BF101398.D
 Acq: 14 Dec 2017 17:35

Tgt Ion	Ratio	Lower	Upper
180	100		
182	101.3	76.8	115.2
145	34.4	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

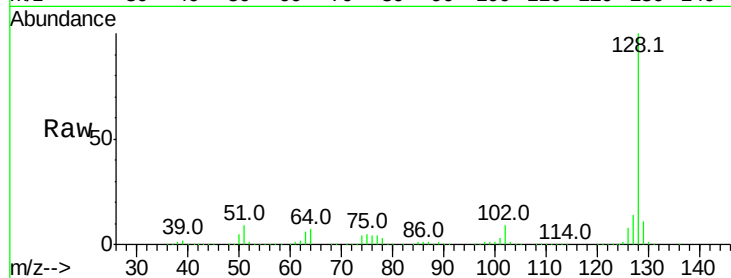




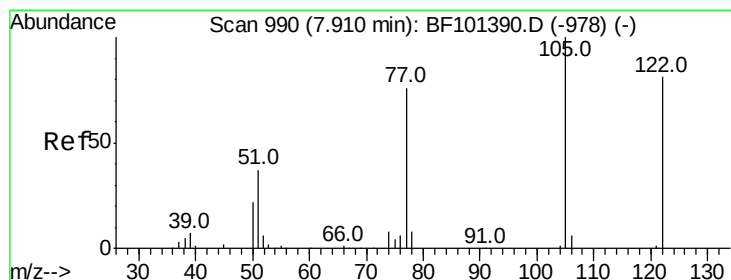
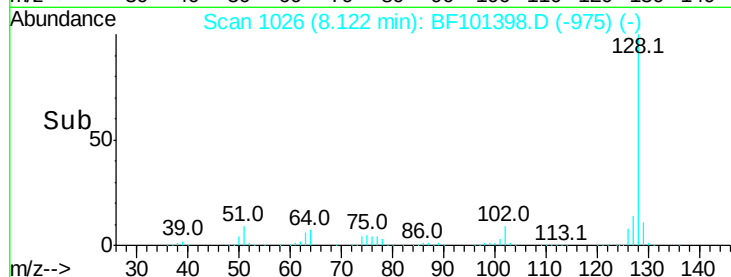
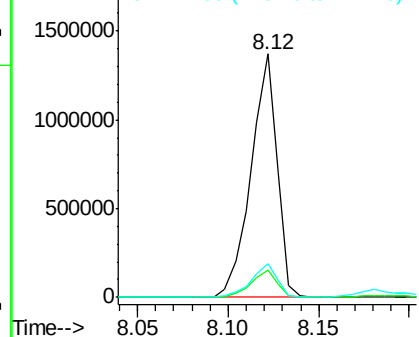
#31
Naphthalene
Concen: 38.141 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BF101398.D
Acq: 14 Dec 2017 17:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1370546
Ion Ratio Lower Upper
128 100
129 11.4 8.8 13.2
127 13.6 10.9 16.3

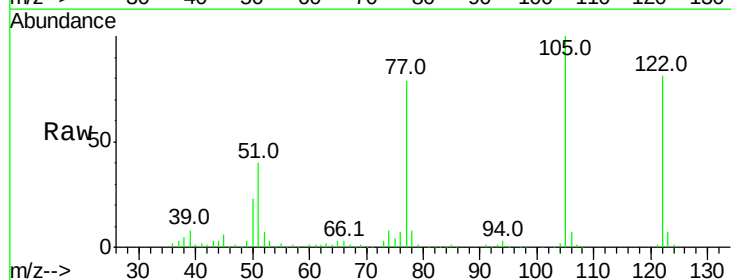


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

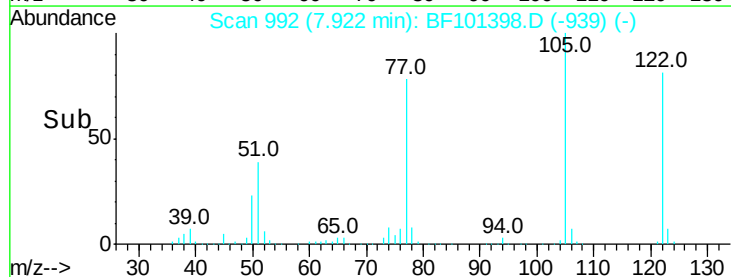
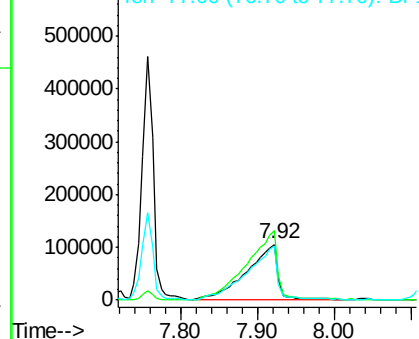


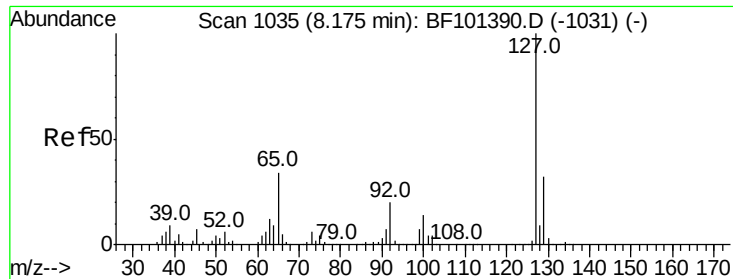
#32
Benzoic acid
Concen: 42.842 ng
RT: 7.92 min Scan# 992
Delta R.T. 0.01 min
Lab File: BF101398.D
Acq: 14 Dec 2017 17:35

Tgt Ion:122 Resp: 291831
Ion Ratio Lower Upper
122 100
105 123.4 101.1 141.1
77 97.2 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

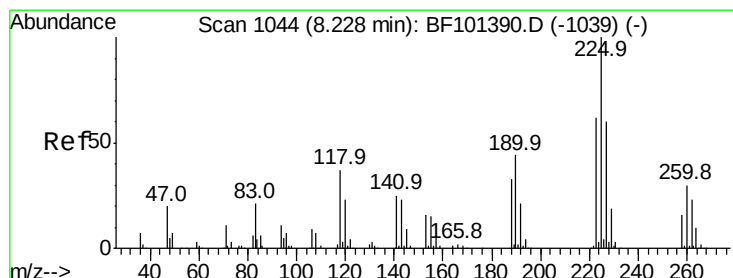
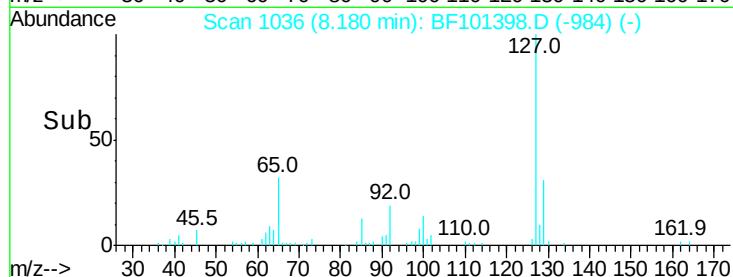
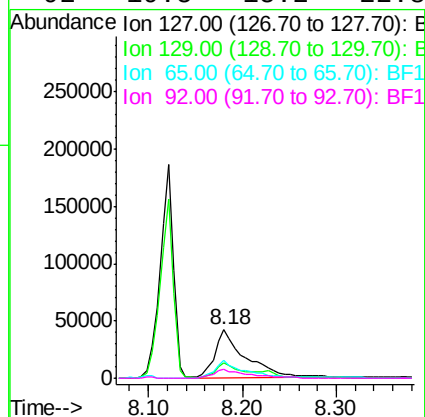
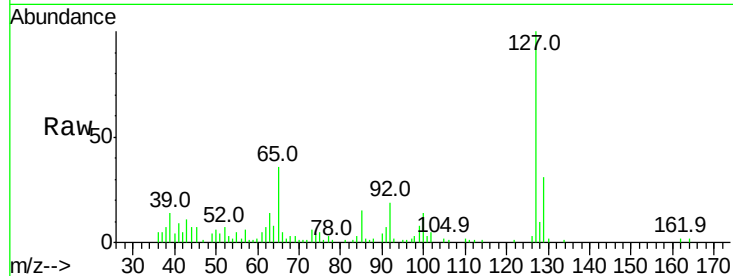




#33
4-Chloroaniline
Concen: 6.076 ng
RT: 8.18 min Scan# 1036
Delta R.T. 0.01 min
Lab File: BF101398.D
Acq: 14 Dec 2017 17:35

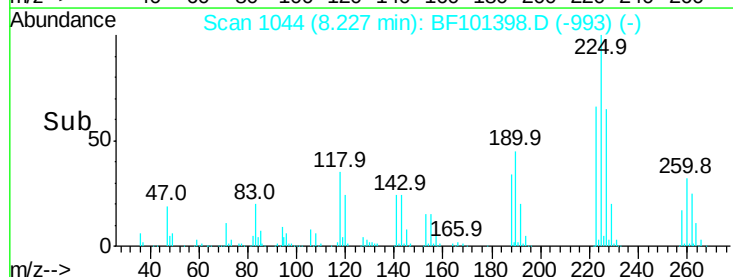
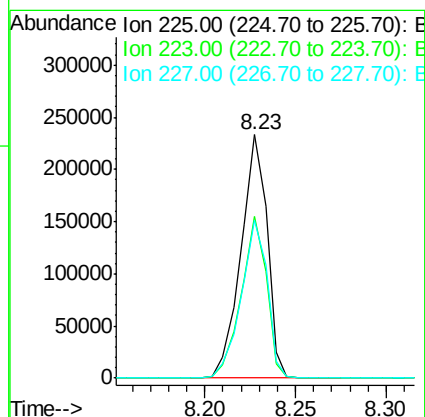
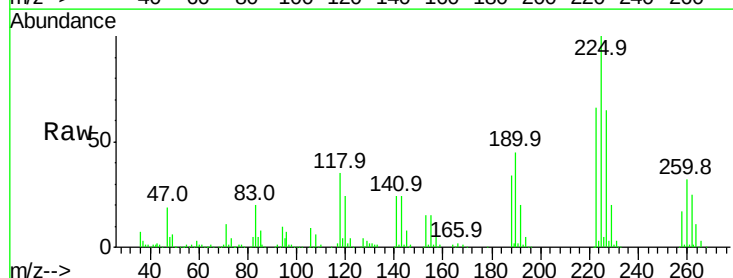
Instrument :
BNA_F
ClientSampled :

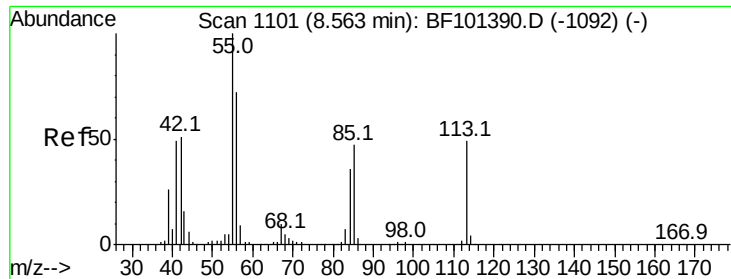
Tot Ion:127 Resp: 94888
Ion Ratio Lower Upper
127 100
129 30.9 25.9 38.9
65 36.2 25.0 37.4
92 19.5 15.2 22.8



#34
Hexachlorobutadiene
Concen: 37.536 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.00 min
Lab File: BF101398.D
Acq: 14 Dec 2017 17:35

Tgt Ion:225 Resp: 234434
Ion Ratio Lower Upper
225 100
223 66.3 50.6 76.0
227 64.9 51.9 77.9





#35

Caprolactam

Concen: 24.075 ng

RT: 8.57 min Scan# 1102

Delta R.T. 0.01 min

Lab File: BF101398.D

Acq: 14 Dec 2017 17:35

Instrument :

BNA_F

ClientSampled :

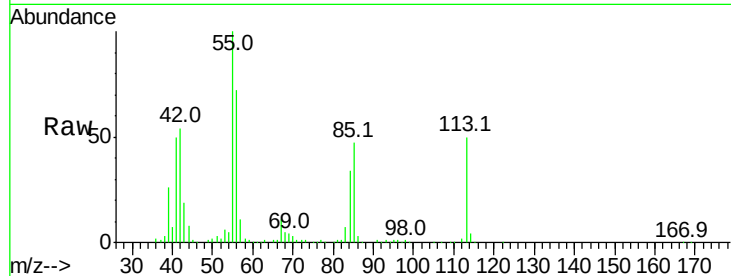
Tot Ion:113 Resp: 85541

Ion Ratio Lower Upper

113 100

55 200.3 163.3 203.3

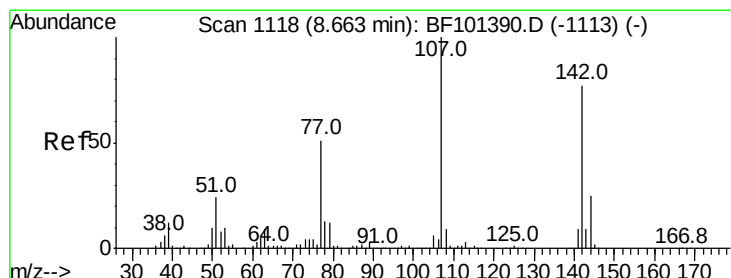
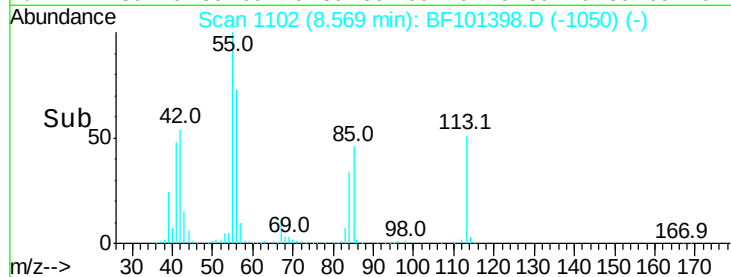
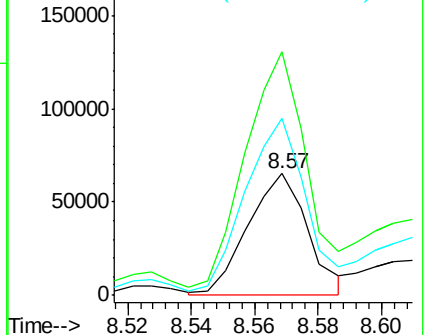
56 145.2 115.7 155.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 40.817 ng

RT: 8.67 min Scan# 1120

Delta R.T. 0.01 min

Lab File: BF101398.D

Acq: 14 Dec 2017 17:35

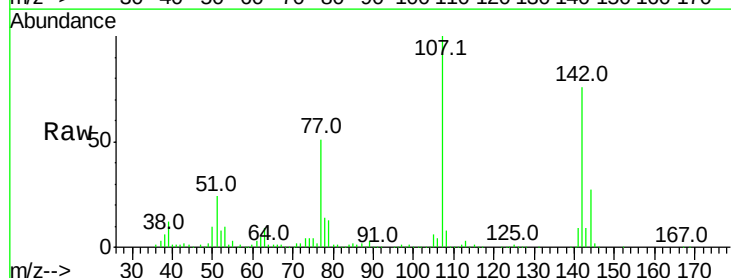
Tgt Ion:107 Resp: 459065

Ion Ratio Lower Upper

107 100

144 26.6 20.5 30.7

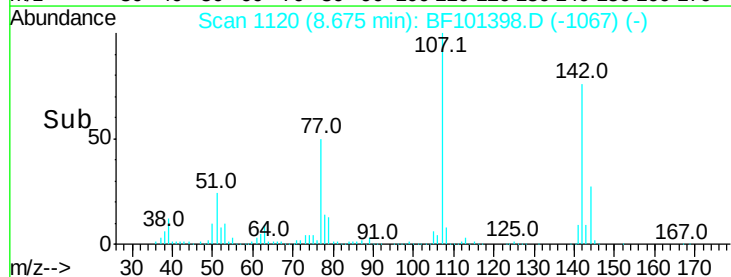
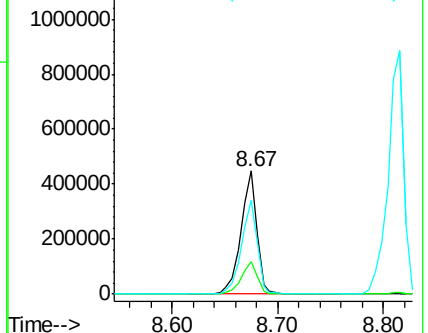
142 76.3 62.0 93.0

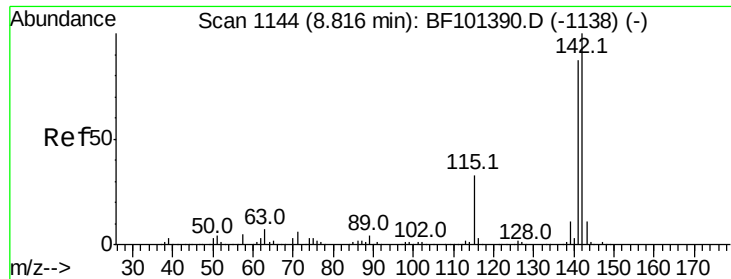


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

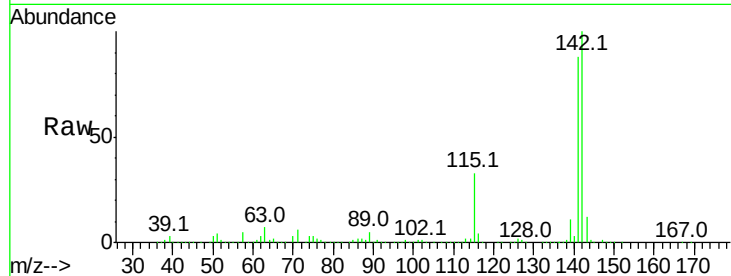




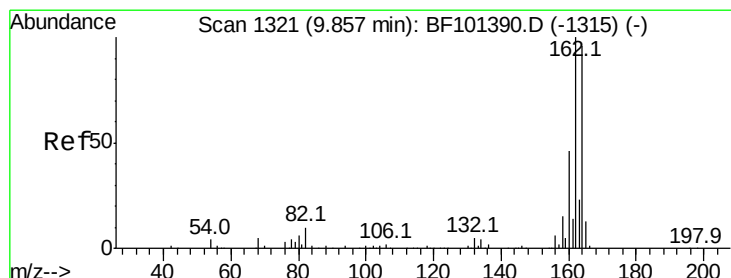
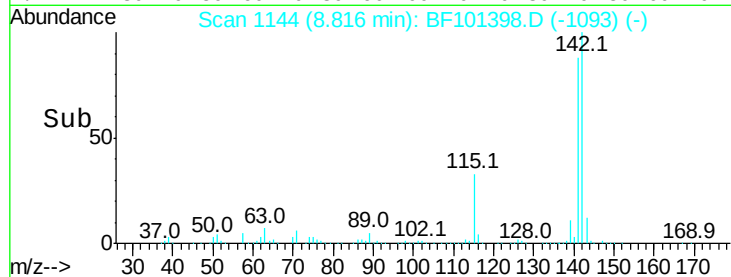
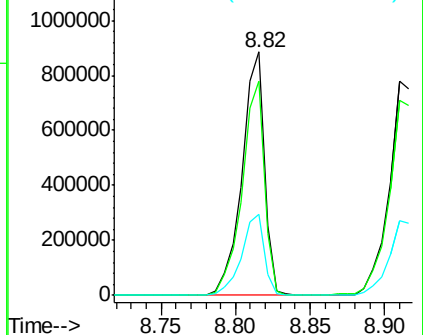
#37
2-Methylnaphthalene
Concen: 39.538 ng
RT: 8.82 min Scan# 1144
Delta R.T. -0.00 min
Lab File: BF101398.D
Acq: 14 Dec 2017 17:35

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.0	70.8	106.2
115	33.3	26.1	39.1

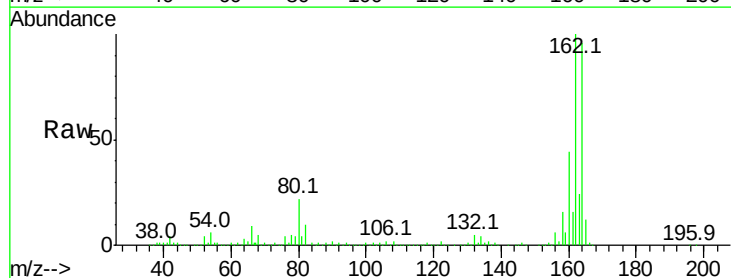


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

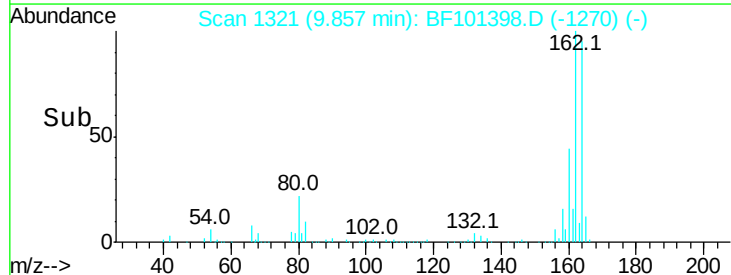
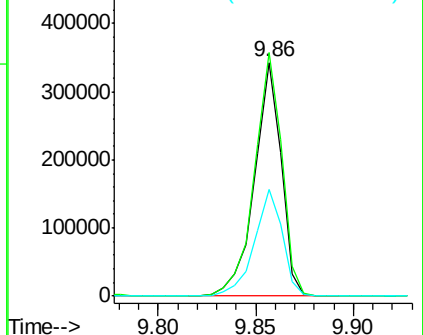


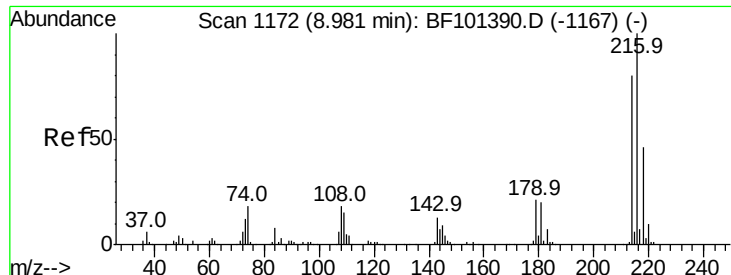
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.00 min
Lab File: BF101398.D
Acq: 14 Dec 2017 17:35

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.2	86.1	129.1
160	45.7	38.3	57.5



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

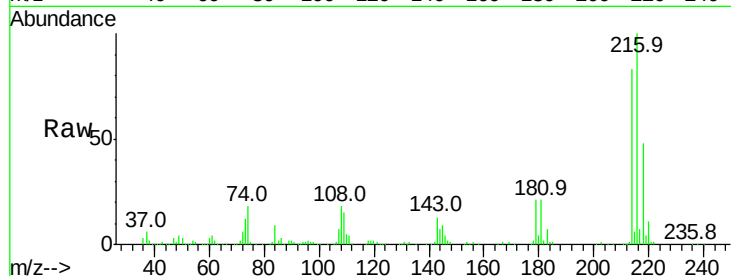




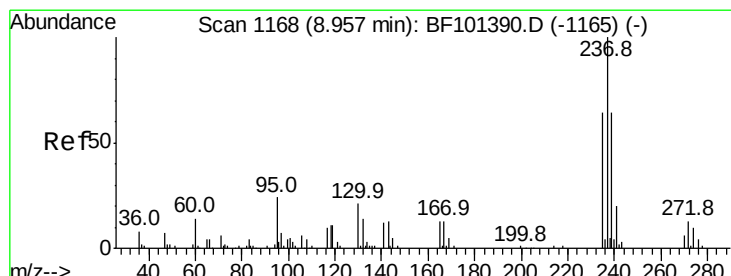
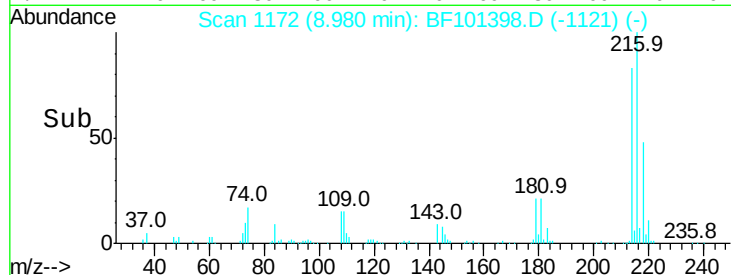
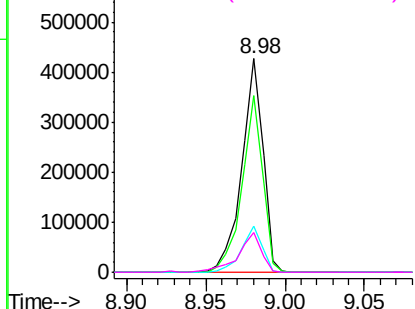
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 35.846 ng
 RT: 8.98 min Scan# 1172
 Delta R.T. -0.00 min
 Lab File: BF101398.D
 Acq: 14 Dec 2017 17:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	393565
Ion	Ratio	Lower	Upper
216	100		
214	81.0	63.0	94.4
179	20.9	18.1	27.1
108	20.3	17.2	25.8

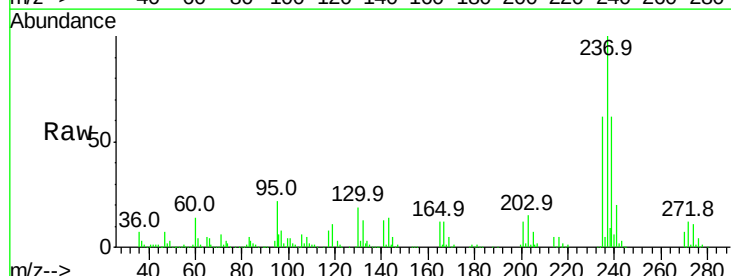


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

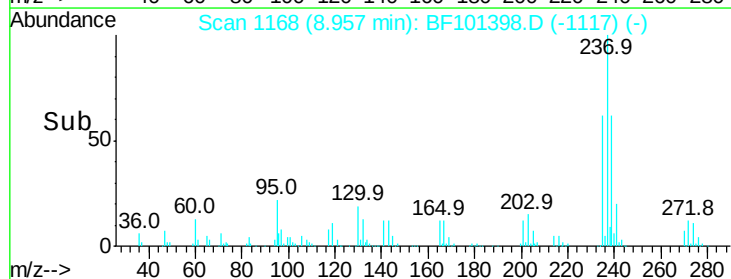
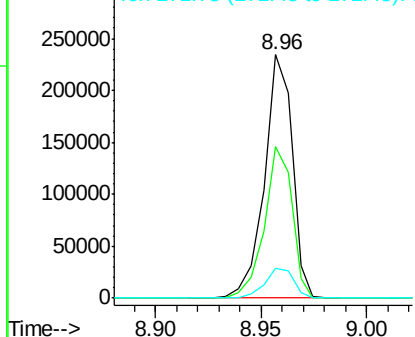


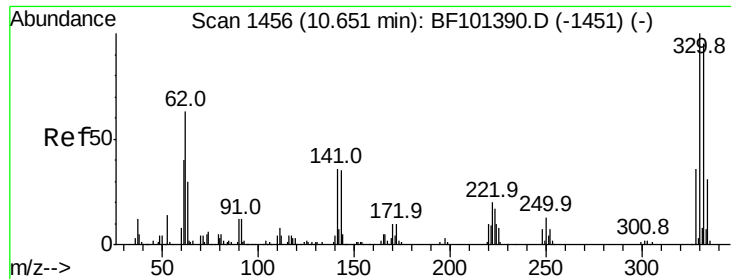
#40
 Hexachlorocyclopentadiene
 Concen: 85.001 ng
 RT: 8.96 min Scan# 1168
 Delta R.T. -0.00 min
 Lab File: BF101398.D
 Acq: 14 Dec 2017 17:35

Tgt Ion:	237	Resp:	215634
Ion	Ratio	Lower	Upper
237	100		
235	62.3	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

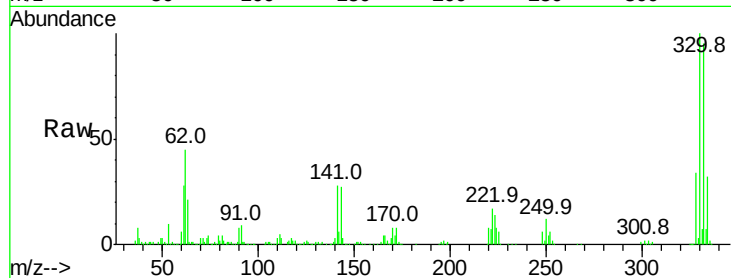




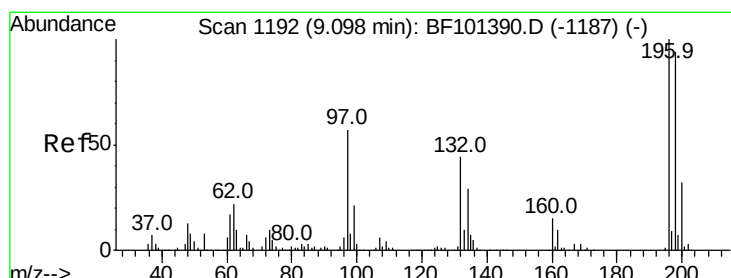
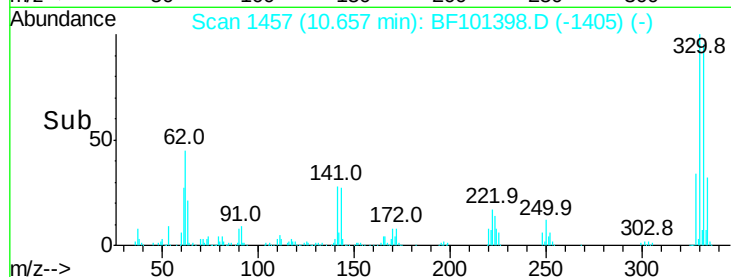
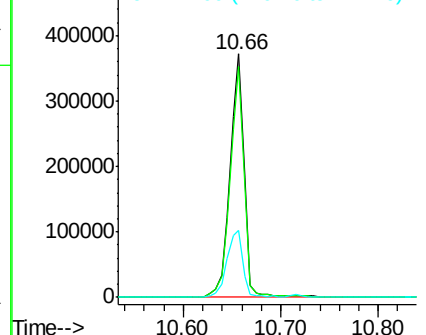
#41
 2,4,6-Tribromophenol
 Concen: 120.409 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. 0.01 min
 Lab File: BF101398.D
 Acq: 14 Dec 2017 17:35

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.1	77.0	115.6
141	31.3	29.9	44.9

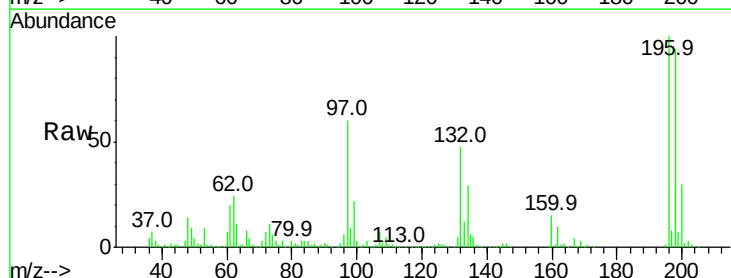


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

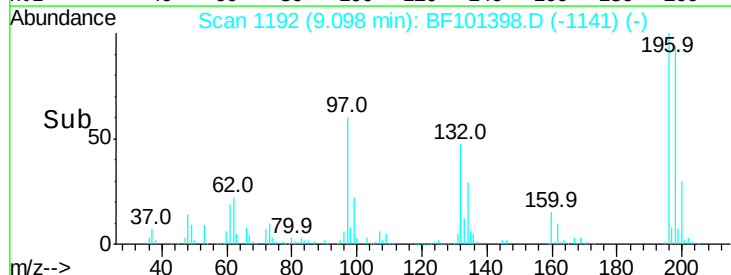
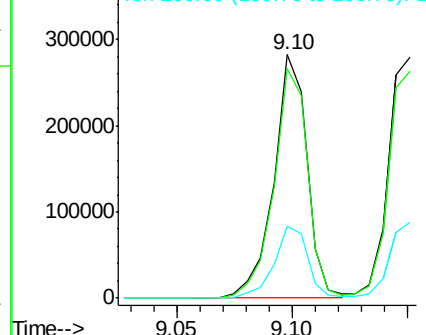


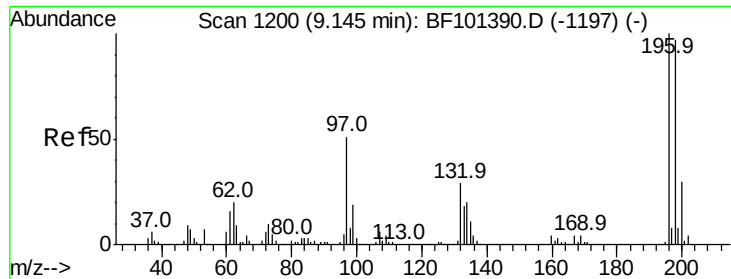
#42
 2,4,6-Trichlorophenol
 Concen: 42.655 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.00 min
 Lab File: BF101398.D
 Acq: 14 Dec 2017 17:35

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.1	75.7	113.5
200	29.8	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

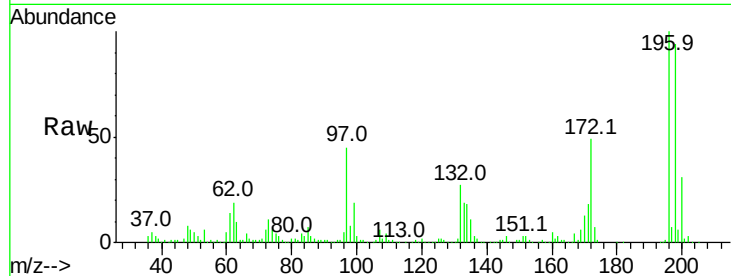




#43
 2,4,5-Trichlorophenol
 Concen: 40.863 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. 0.01 min
 Lab File: BF101398.D
 Acq: 14 Dec 2017 17:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	196	Resp:	295742
Ion	Ratio	Lower	Upper
196	100		
198	94.3	74.6	112.0
97	44.5	42.9	64.3
132	26.7	26.3	39.5



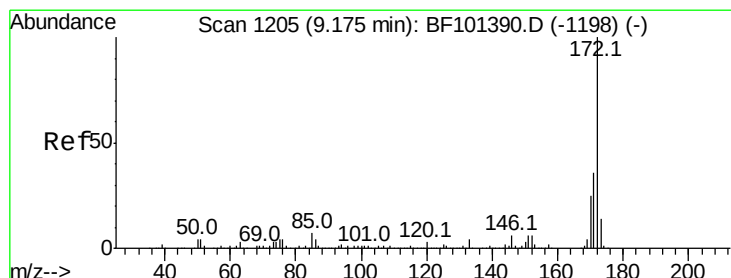
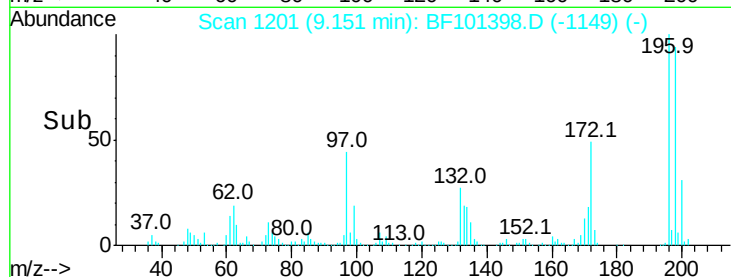
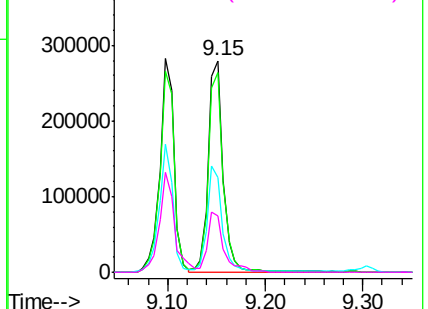
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

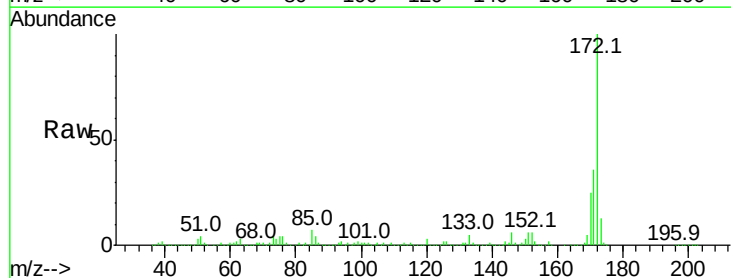
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 82.722 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.00 min
 Lab File: BF101398.D
 Acq: 14 Dec 2017 17:35

Tgt Ion:	172	Resp:	1734121
Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.6	19.6	29.4

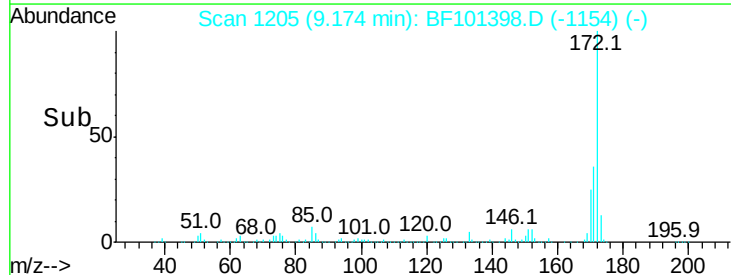
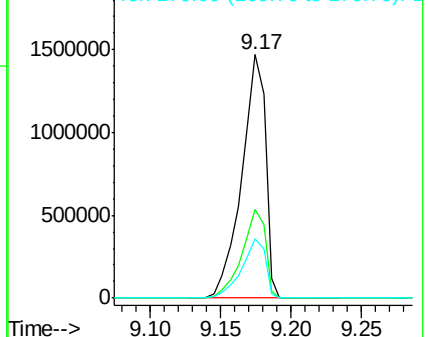


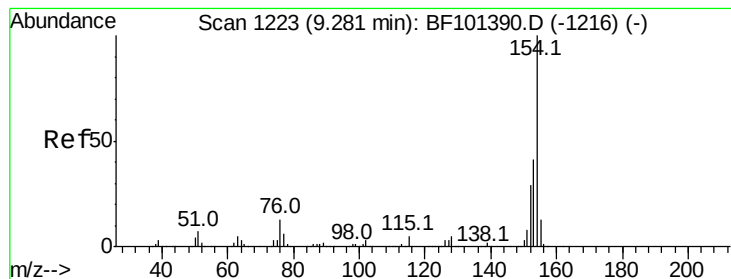
Abundance

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: 36.399 ng

RT: 9.28 min Scan# 1223

Delta R.T. -0.00 min

Lab File: BF101398.D

Acq: 14 Dec 2017 17:35

Instrument :

BNA_F

ClientSampleId :

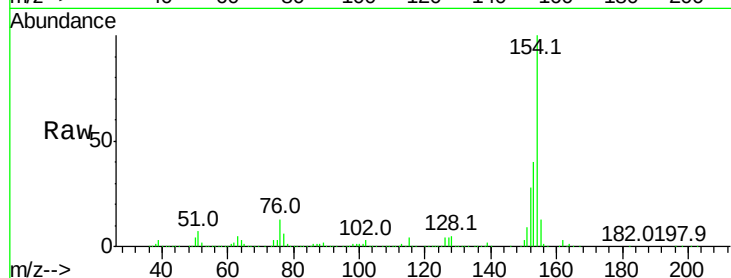
Tot Ion:154 Resp: 1049735

Ion Ratio Lower Upper

154 100

153 40.3 21.3 61.3

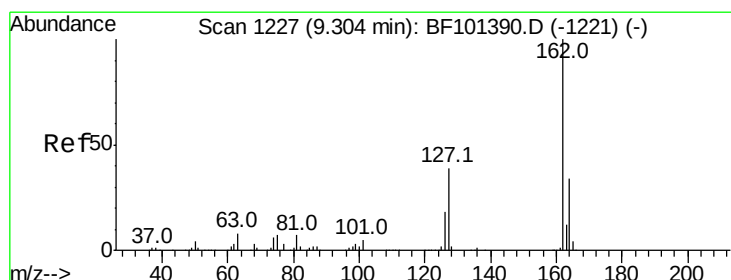
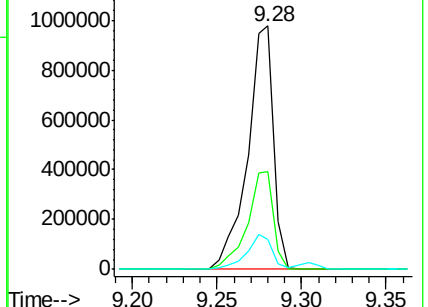
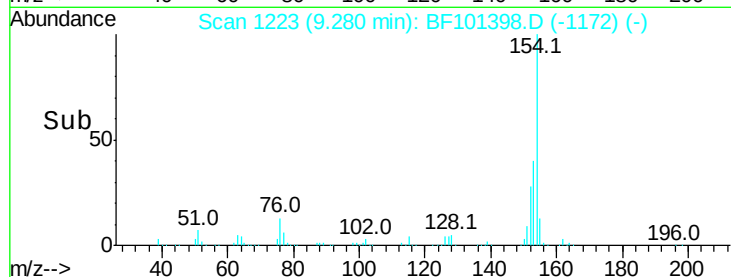
76 12.5 0.0 34.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 38.307 ng

RT: 9.30 min Scan# 1227

Delta R.T. -0.00 min

Lab File: BF101398.D

Acq: 14 Dec 2017 17:35

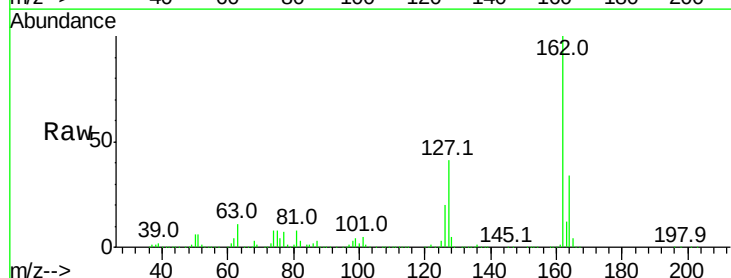
Tgt Ion:162 Resp: 845306

Ion Ratio Lower Upper

162 100

127 41.3 33.9 50.9

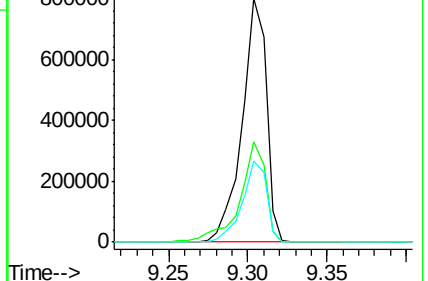
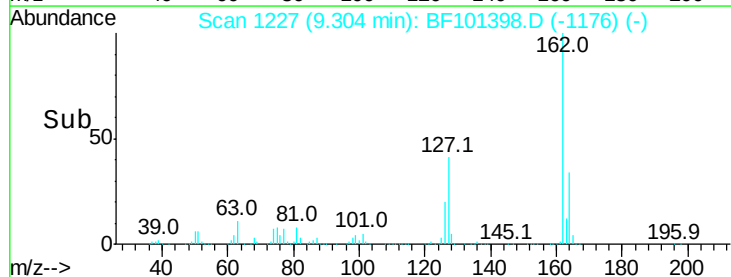
164 33.5 26.5 39.7

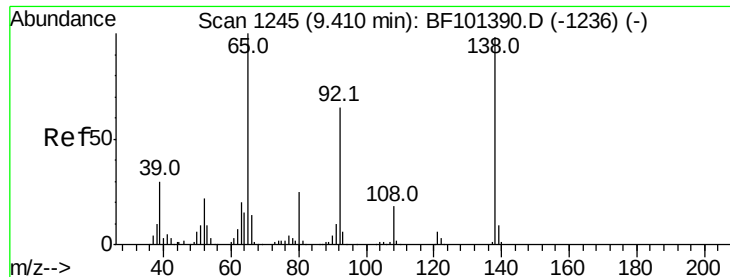


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 40.930 ng

RT: 9.41 min Scan# 1245

Delta R.T. -0.00 min

Lab File: BF101398.D

Acq: 14 Dec 2017 17:35

Instrument :

BNA_F

ClientSampleId :

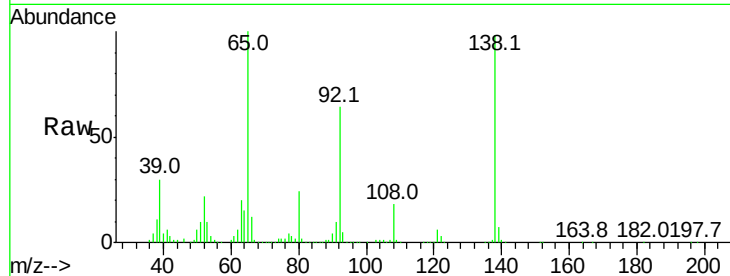
Tot Ion: 65 Resp: 312014

Ion Ratio Lower Upper

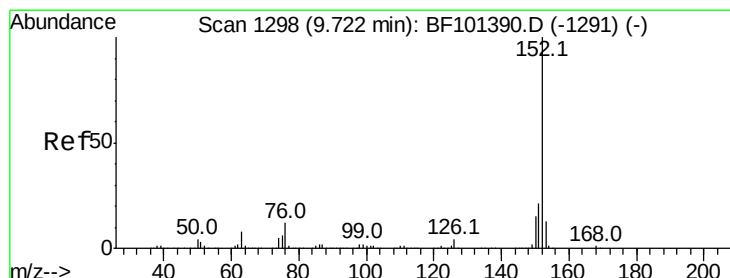
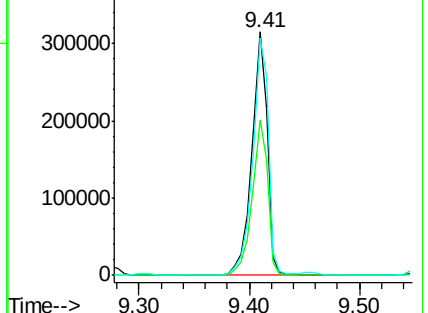
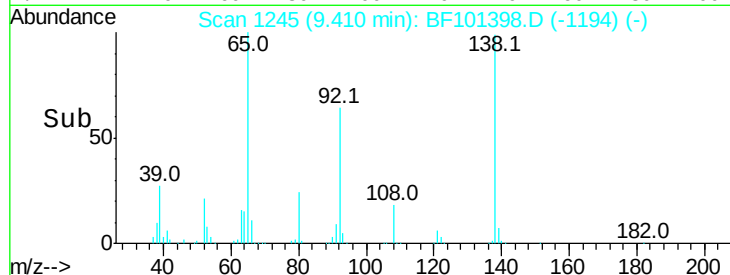
65 100

92 63.7 55.8 83.6

138 97.6 91.2 136.8



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



#48

Acenaphthylene

Concen: 36.097 ng

RT: 9.72 min Scan# 1298

Delta R.T. -0.00 min

Lab File: BF101398.D

Acq: 14 Dec 2017 17:35

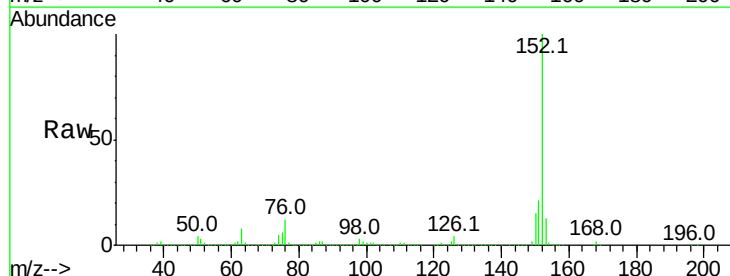
Tgt Ion: 152 Resp: 1258122

Ion Ratio Lower Upper

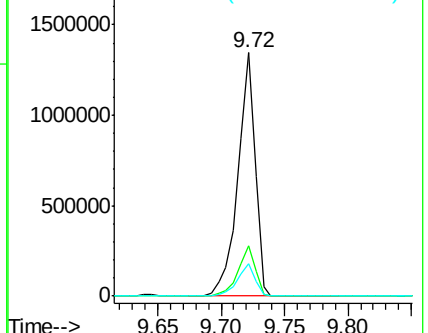
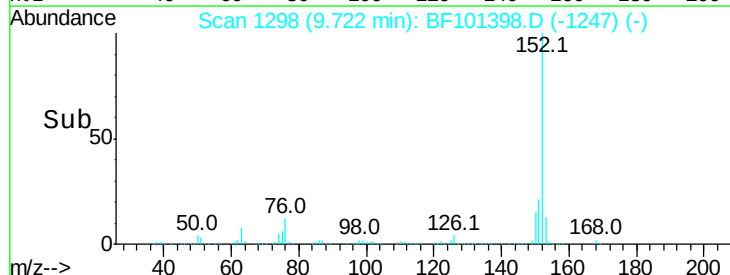
152 100

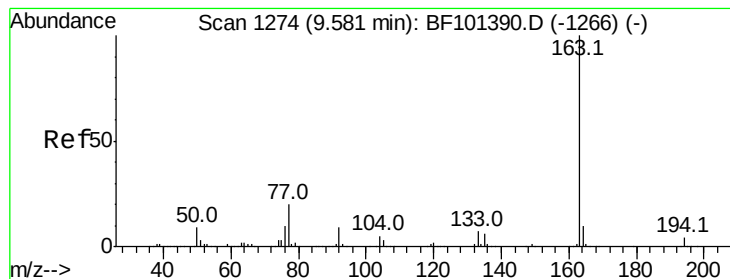
151 20.7 16.3 24.5

153 13.4 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): BF1
Ion 151.00 (150.70 to 151.70): BF1
Ion 153.00 (152.70 to 153.70): BF1





#49

Dimethylphthalate

Concen: 37.695 ng

RT: 9.58 min Scan# 1274

Delta R.T. -0.00 min

Lab File: BF101398.D

Acq: 14 Dec 2017 17:35

Instrument :

BNA_F

ClientSampled :

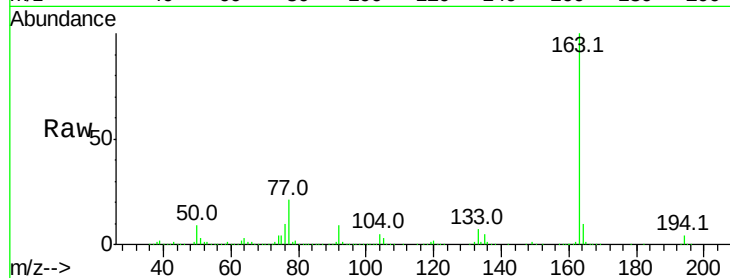
Tot Ion:163 Resp: 985994

Ion Ratio Lower Upper

163 100

194 3.9 2.7 4.1

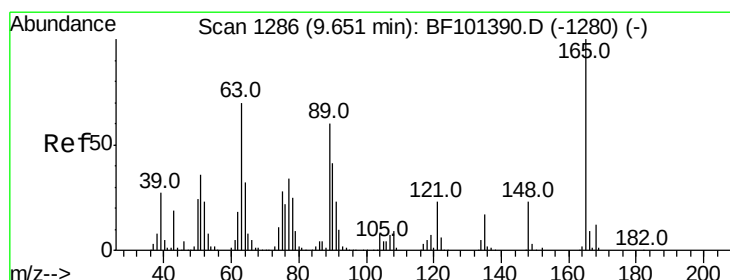
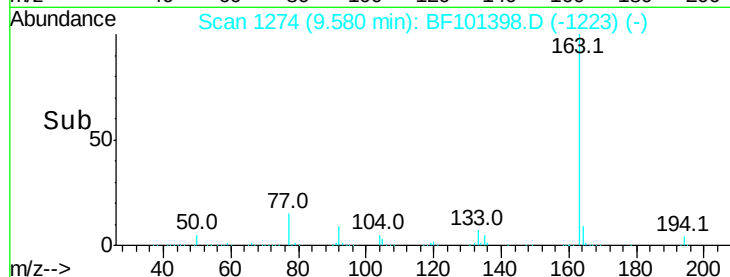
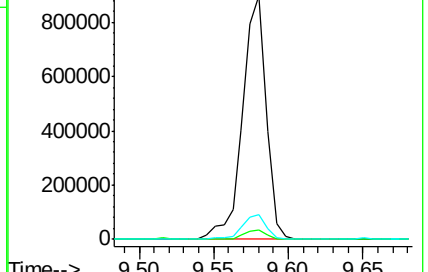
164 10.1 8.2 12.2



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: 41.141 ng

RT: 9.65 min Scan# 1286

Delta R.T. -0.00 min

Lab File: BF101398.D

Acq: 14 Dec 2017 17:35

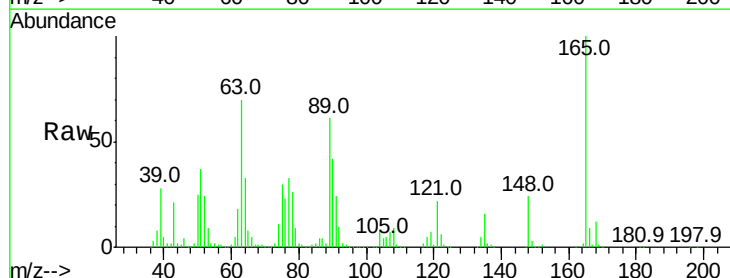
Tgt Ion:165 Resp: 218716

Ion Ratio Lower Upper

165 100

63 70.1 44.7 67.1#

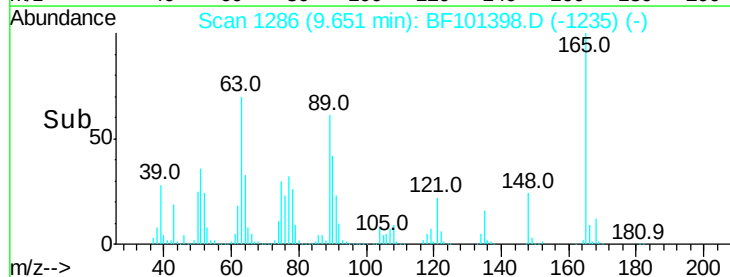
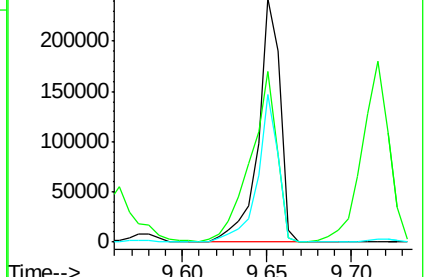
89 60.7 44.0 66.0

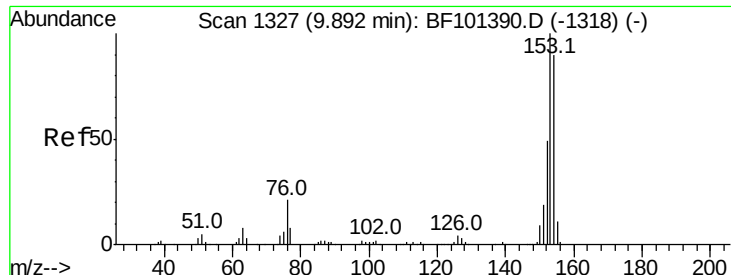


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 36.918 ng

RT: 9.89 min Scan# 1327

Delta R.T. -0.00 min

Lab File: BF101398.D

Acq: 14 Dec 2017 17:35

Instrument :

BNA_F

ClientSampleId :

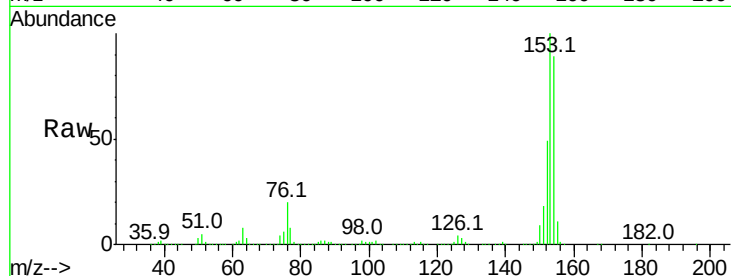
Tot Ion:154 Resp: 773068

Ion Ratio Lower Upper

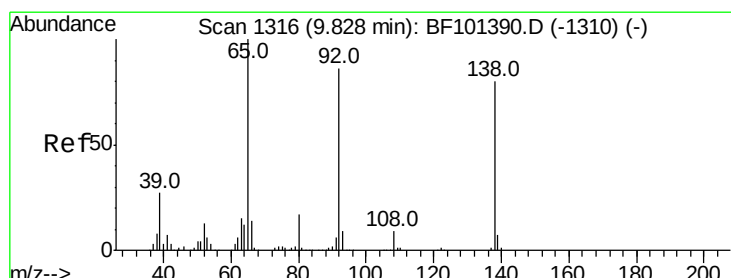
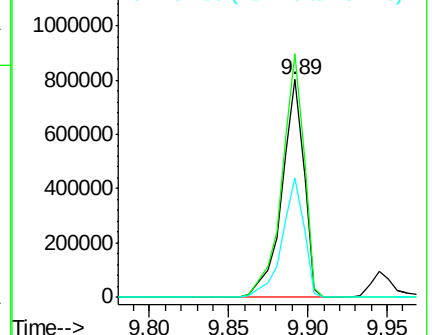
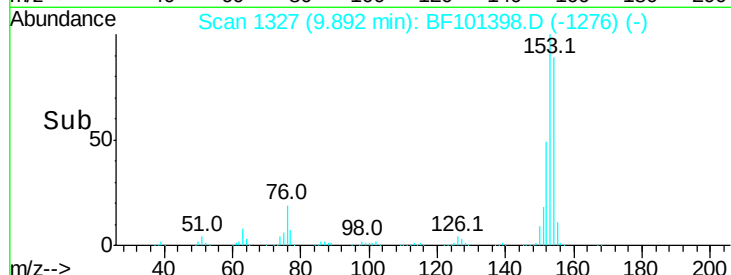
154 100

153 111.8 91.2 136.8

152 55.1 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: 19.743 ng

RT: 9.82 min Scan# 1315

Delta R.T. -0.01 min

Lab File: BF101398.D

Acq: 14 Dec 2017 17:35

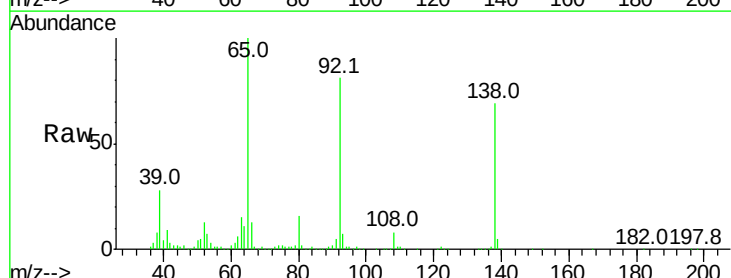
Tgt Ion:138 Resp: 130861

Ion Ratio Lower Upper

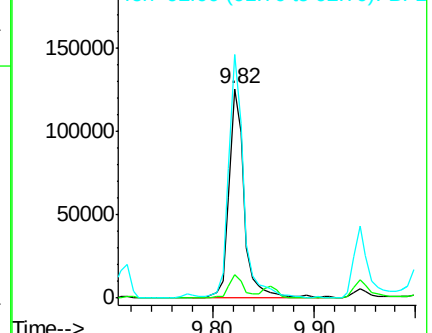
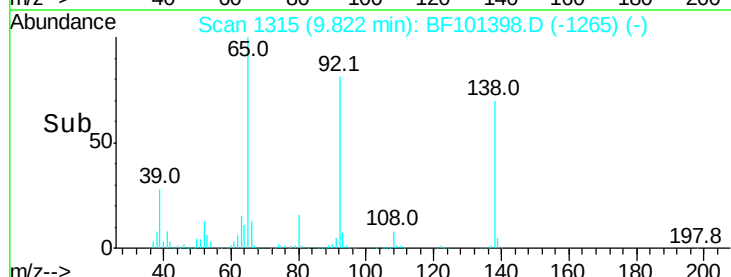
138 100

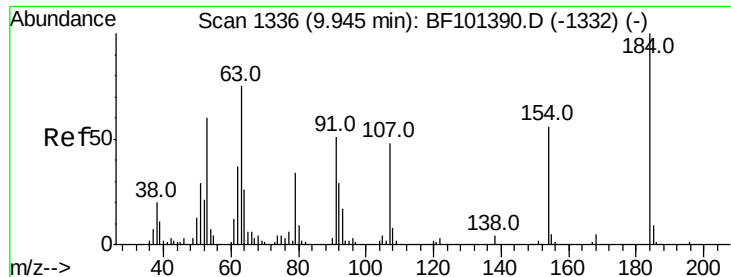
108 11.1 9.4 14.0

92 116.3 89.4 134.2



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1





#53

2,4-Dinitrophenol

Concen: 91.037 ng

RT: 9.95 min Scan# 1336

Delta R.T. 0.00 min

Lab File: BF101398.D

Acq: 14 Dec 2017 17:35

Instrument :

BNA_F

ClientSampleId :

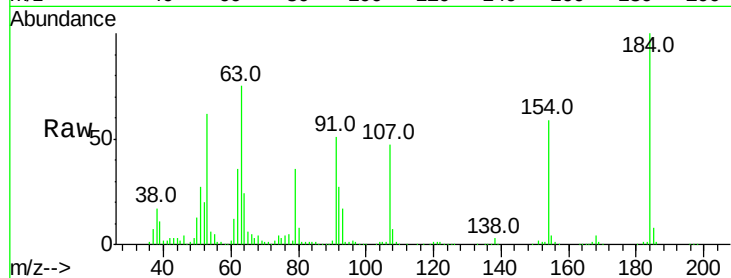
Tot Ion:184 Resp: 171591

Ion Ratio Lower Upper

184 100

63 74.9 54.2 81.2

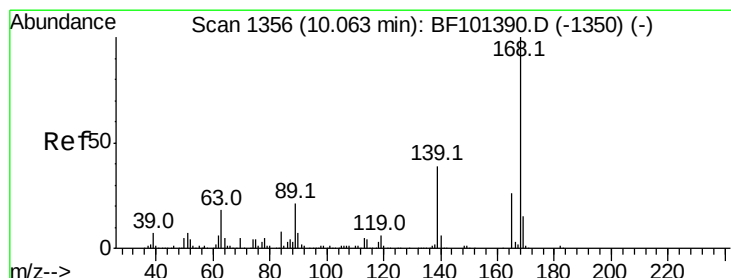
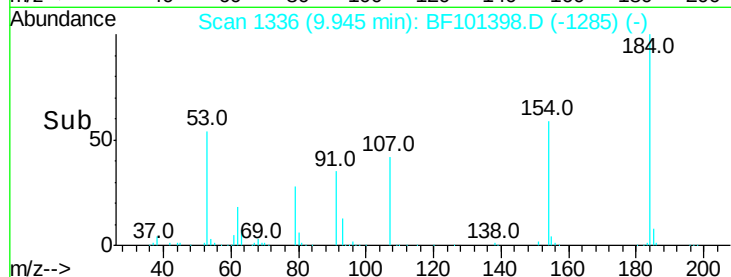
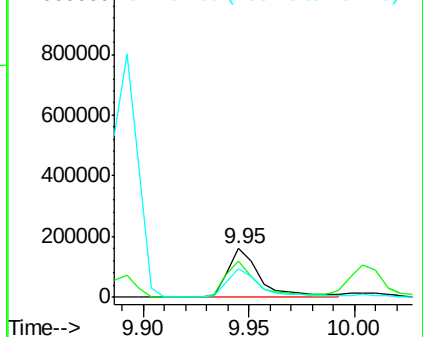
154 59.1 184.0 276.0#



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: 39.618 ng

RT: 10.06 min Scan# 1356

Delta R.T. -0.00 min

Lab File: BF101398.D

Acq: 14 Dec 2017 17:35

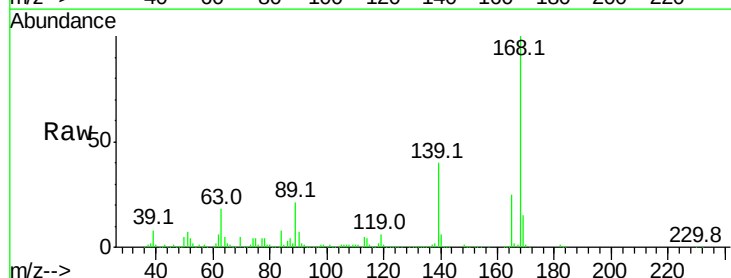
Tgt Ion:168 Resp: 1054293

Ion Ratio Lower Upper

168 100

139 39.6 30.1 45.1

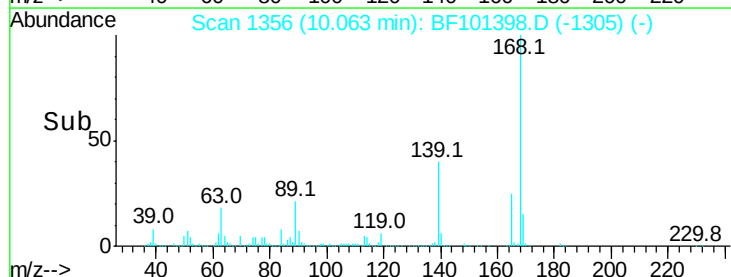
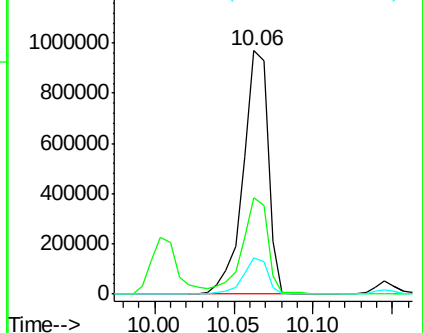
169 14.7 10.9 16.3

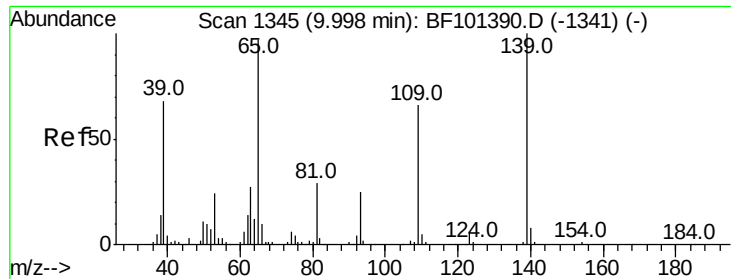


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 92.720 ng

RT: 10.00 min Scan# 1346

Delta R.T. 0.01 min

Lab File: BF101398.D

Acq: 14 Dec 2017 17:35

Instrument :

BNA_F

ClientSampleId :

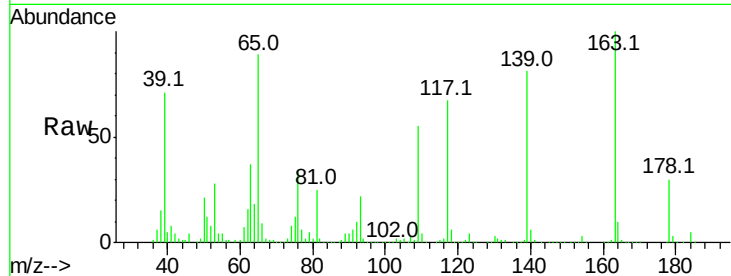
Tot Ion:139 Resp: 267973

Ion Ratio Lower Upper

139 100

109 68.1 48.4 88.4

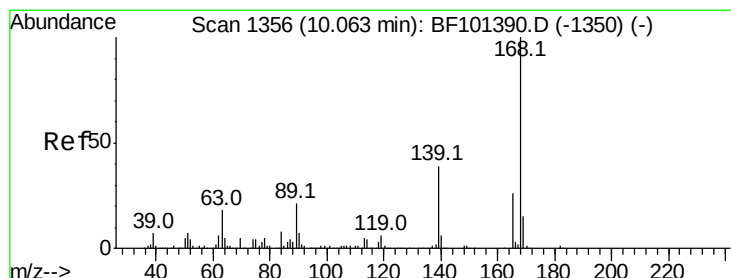
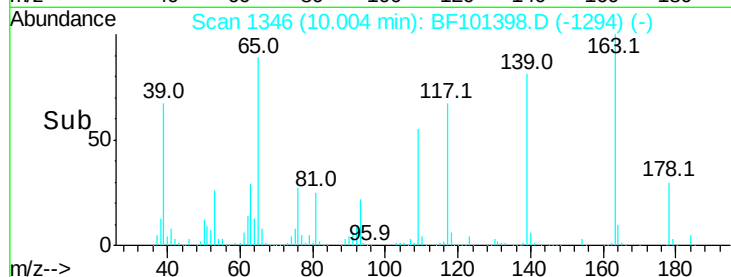
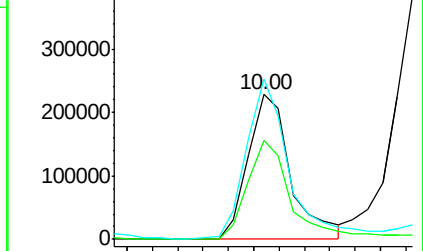
65 110.3 72.6 112.6



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#56

2,4-Dinitrotoluene

Concen: 42.372 ng

RT: 10.07 min Scan# 1357

Delta R.T. 0.01 min

Lab File: BF101398.D

Acq: 14 Dec 2017 17:35

Tgt Ion:165 Resp: 253797

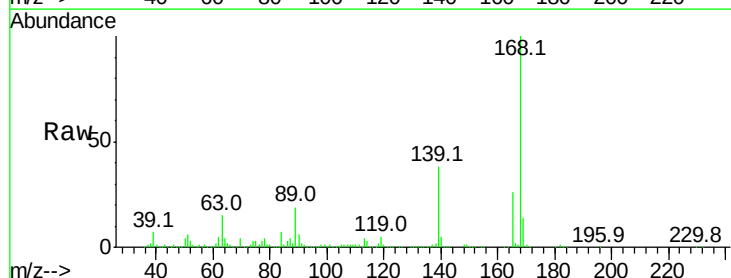
Ion Ratio Lower Upper

165 100

63 59.0 36.4 54.6#

89 74.1 57.8 86.6

182 2.8 1.6 2.4#

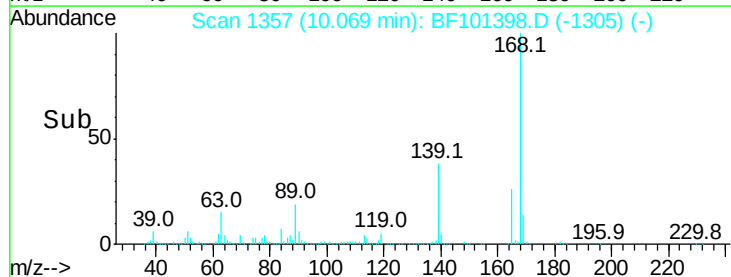
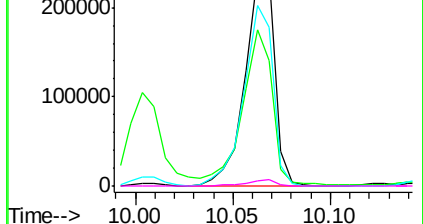


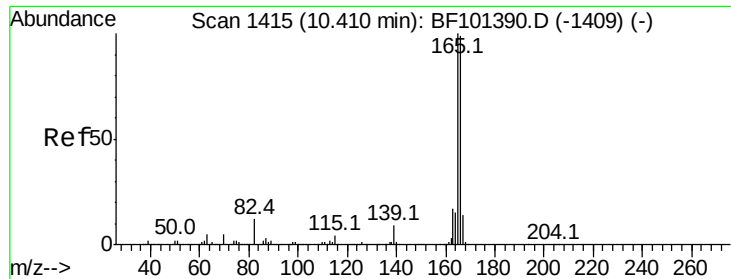
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 38.757 ng

RT: 10.41 min Scan# 1415

Delta R.T. -0.00 min

Lab File: BF101398.D

Acq: 14 Dec 2017 17:35

Instrument :

BNA_F

ClientSampleId :

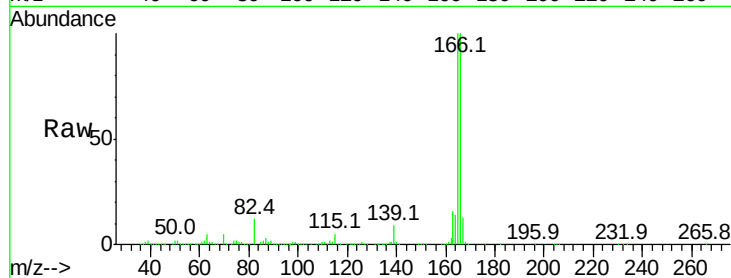
Tot Ion:166 Resp: 872491

Ion Ratio Lower Upper

166 100

165 99.6 79.8 119.8

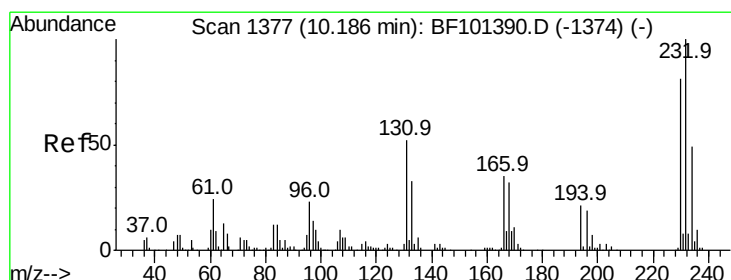
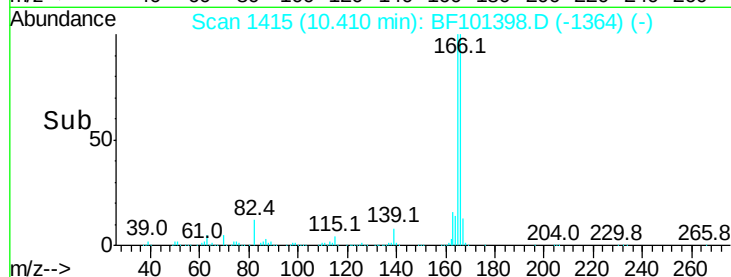
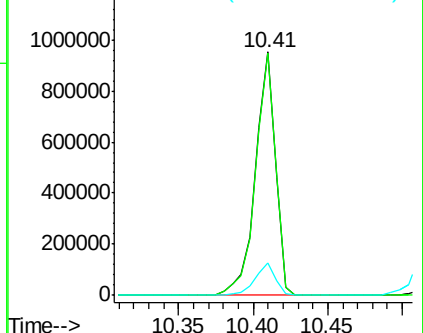
167 13.5 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 45.442 ng

RT: 10.19 min Scan# 1378

Delta R.T. 0.01 min

Lab File: BF101398.D

Acq: 14 Dec 2017 17:35

Tgt Ion:232 Resp: 236289

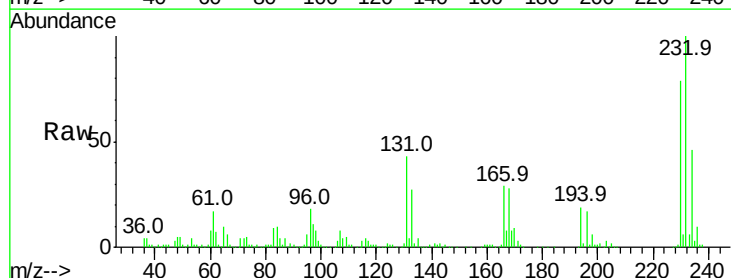
Ion Ratio Lower Upper

232 100

131 45.1 43.8 65.8

130 2.6 2.1 3.1

166 30.9 27.8 41.6

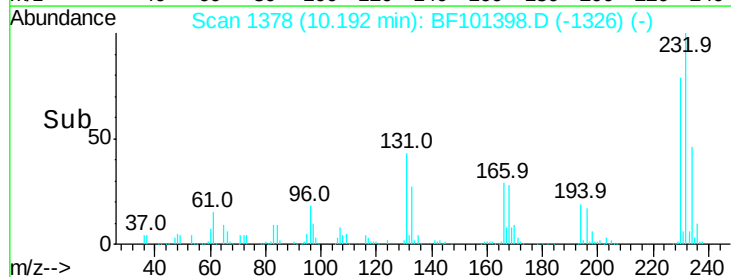
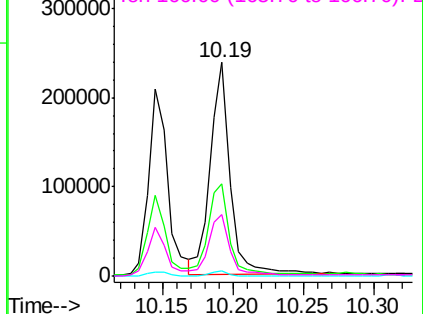


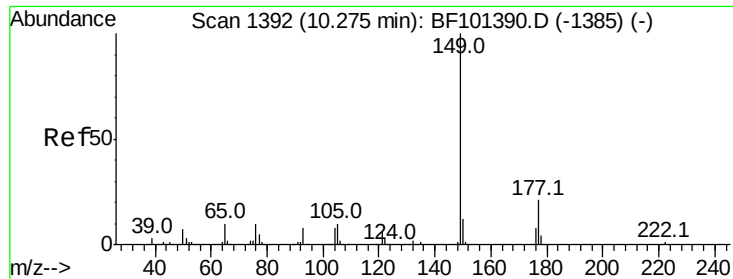
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

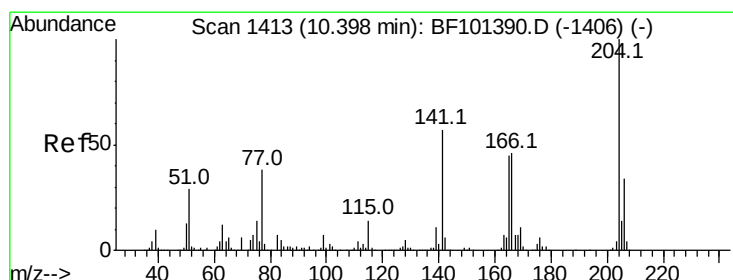
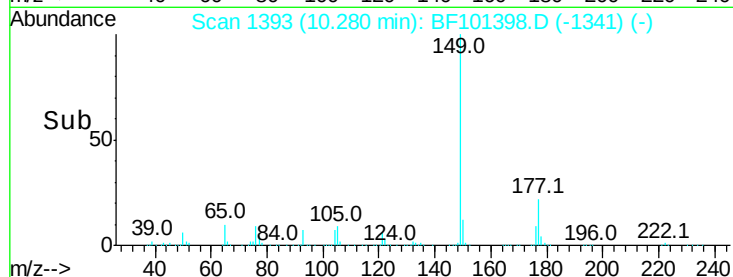
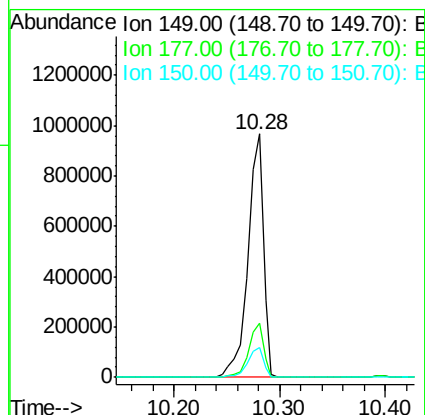
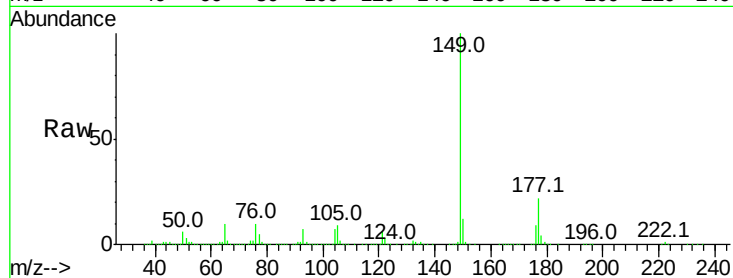




#59
Diethylphthalate
Concen: 37.785 ng
RT: 10.28 min Scan# 1393
Delta R.T. 0.01 min
Lab File: BF101398.D
Acq: 14 Dec 2017 17:35

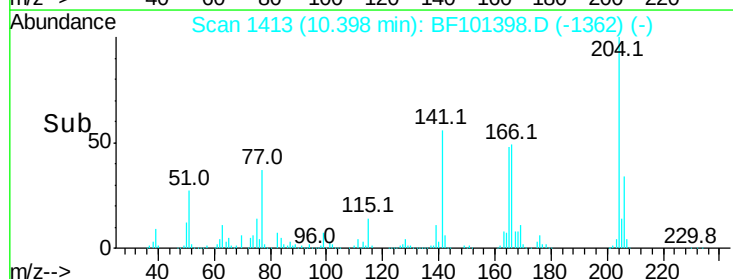
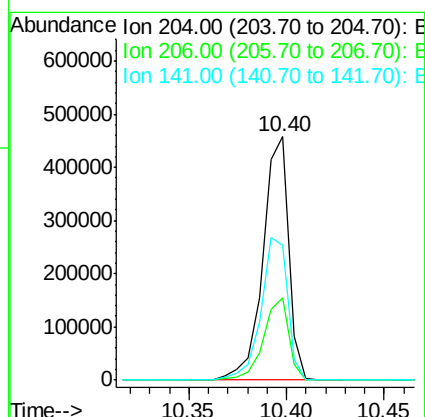
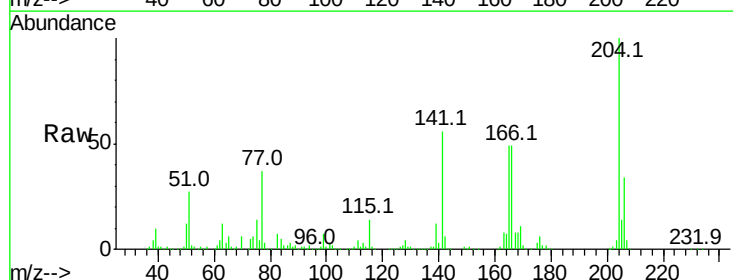
Instrument :
BNA_F
ClientSampleId :

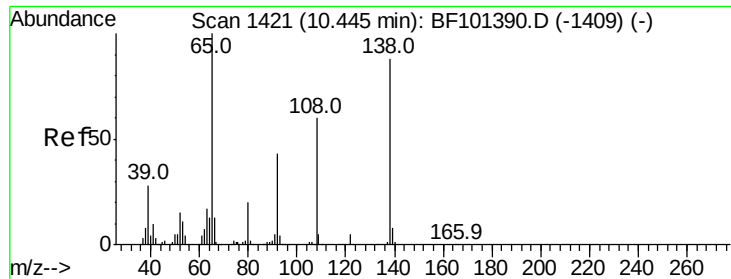
Tot Ion:149 Resp: 978736
Ion Ratio Lower Upper
149 100
177 22.4 16.1 24.1
150 12.2 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 38.780 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.00 min
Lab File: BF101398.D
Acq: 14 Dec 2017 17:35

Tgt Ion:204 Resp: 418400
Ion Ratio Lower Upper
204 100
206 33.6 26.5 39.7
141 55.6 54.6 81.8

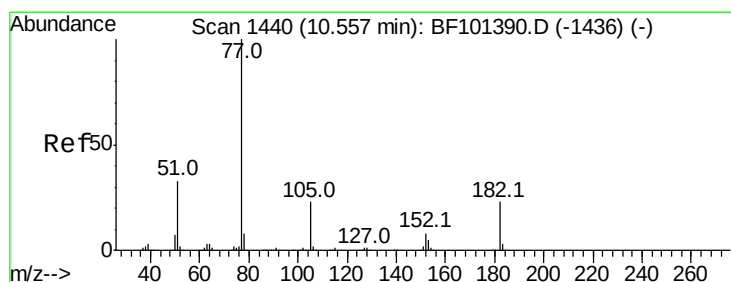
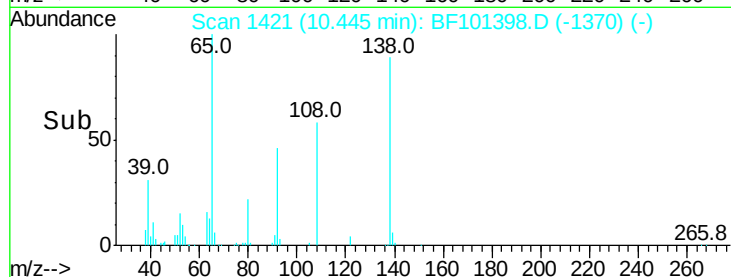
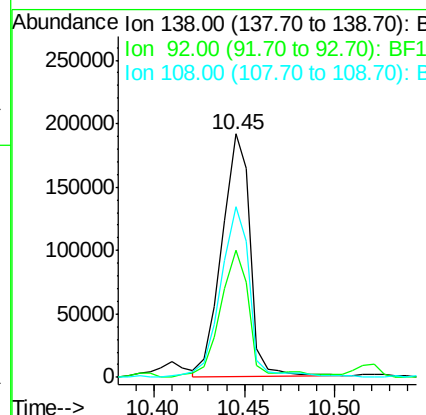
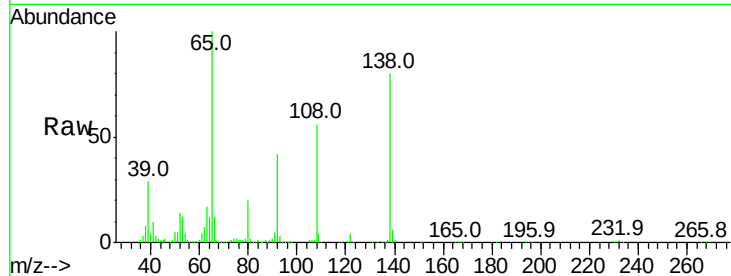




#61
4-Nitroaniline
Concen: 30.950 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.00 min
Lab File: BF101398.D
Acq: 14 Dec 2017 17:35

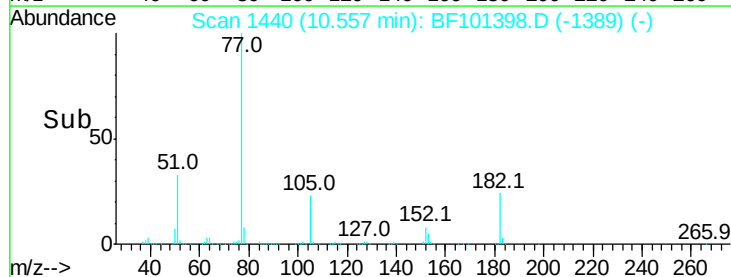
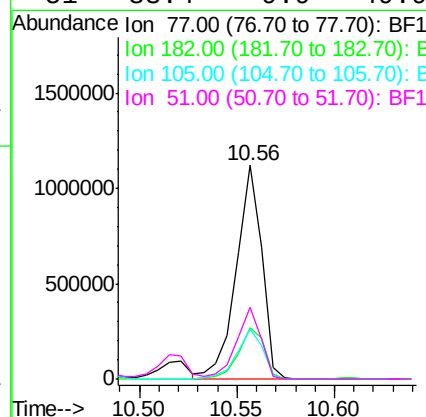
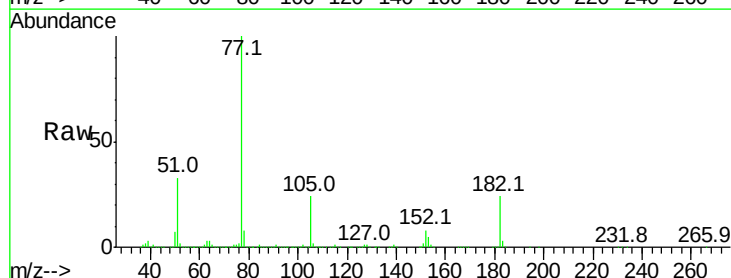
Instrument :
BNA_F
ClientSampled :

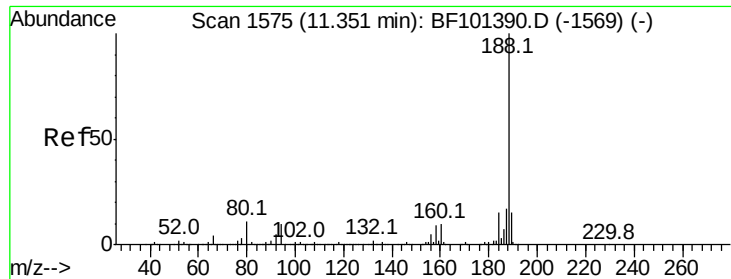
Tot Ion:138 Resp: 206197
Ion Ratio Lower Upper
138 100
92 52.2 30.2 70.2
108 70.2 52.5 92.5



#62
Azobenzene
Concen: 37.859 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.00 min
Lab File: BF101398.D
Acq: 14 Dec 2017 17:35

Tgt Ion: 77 Resp: 1015869
Ion Ratio Lower Upper
77 100
182 24.0 1.7 41.7
105 23.5 3.0 43.0
51 33.4 9.9 49.9





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.35 min Scan# 1575

Delta R.T. -0.00 min

Lab File: BF101398.D

Acq: 14 Dec 2017 17:35

Instrument :

BNA_F

ClientSampleId :

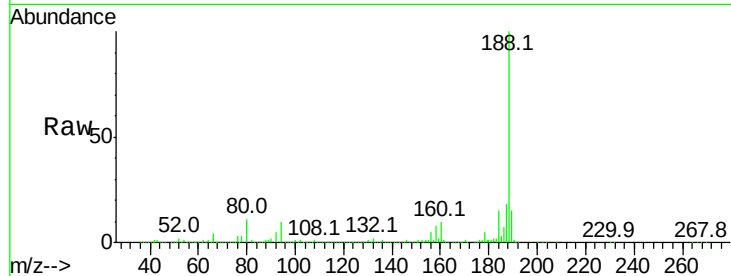
Tot Ion:188 Resp: 613551

Ion Ratio Lower Upper

188 100

94 9.7 8.5 12.7

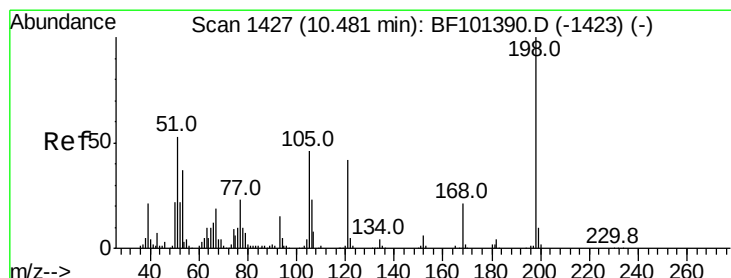
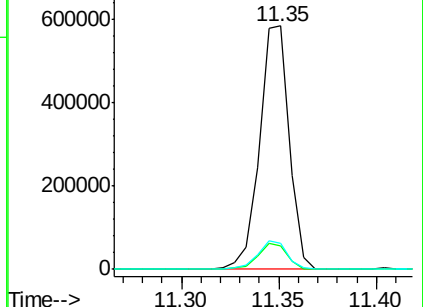
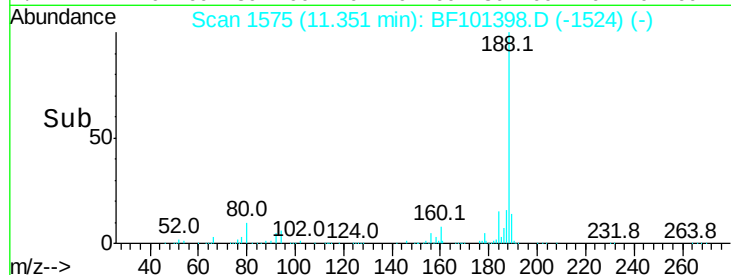
80 10.5 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#64

4,6-Dinitro-2-methylphenol

Concen: 40.781 ng

RT: 10.48 min Scan# 1427

Delta R.T. -0.00 min

Lab File: BF101398.D

Acq: 14 Dec 2017 17:35

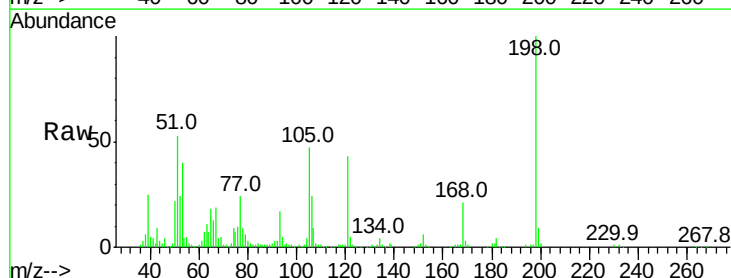
Tgt Ion:198 Resp: 127687

Ion Ratio Lower Upper

198 100

51 53.4 37.7 77.7

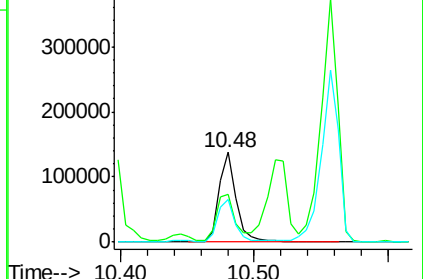
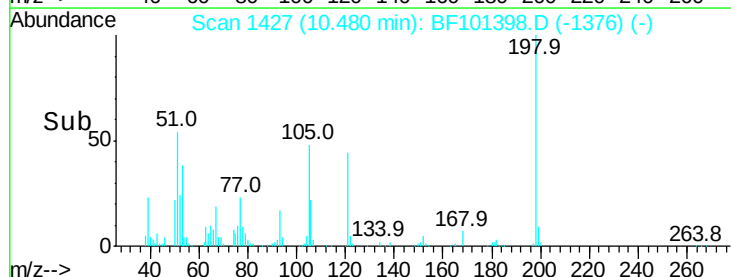
105 46.8 36.3 76.3

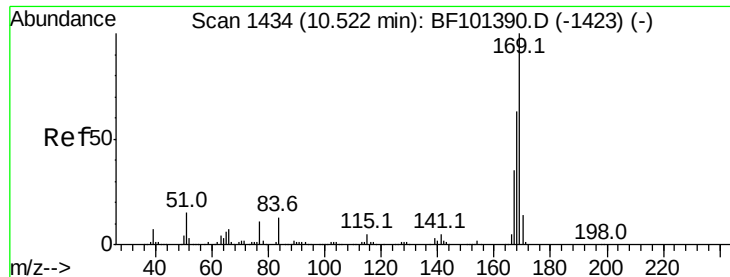


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 36.831 ng

RT: 10.52 min Scan# 1434

Delta R.T. -0.00 min

Lab File: BF101398.D

Acq: 14 Dec 2017 17:35

Instrument :

BNA_F

ClientSampleId :

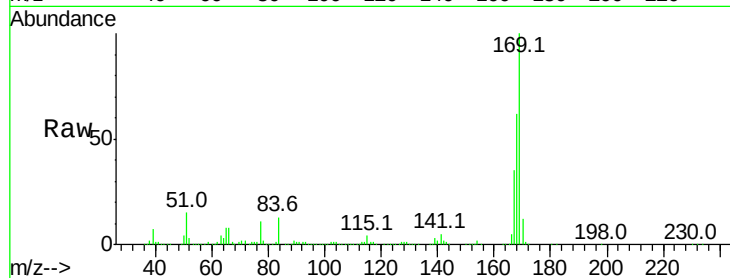
Tot Ion:169 Resp: 834402

Ion Ratio Lower Upper

169 100

168 62.4 54.4 81.6

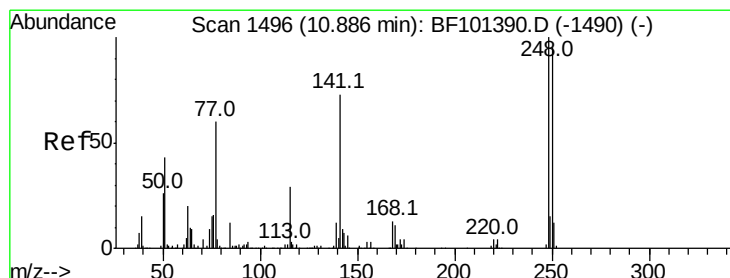
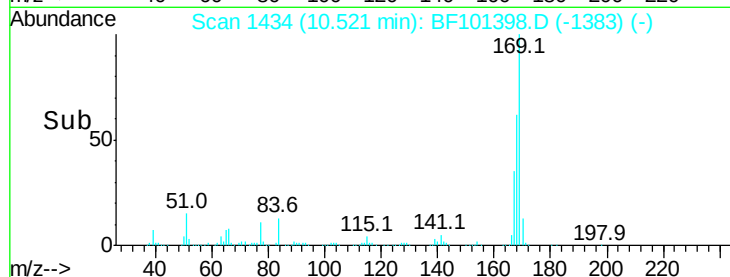
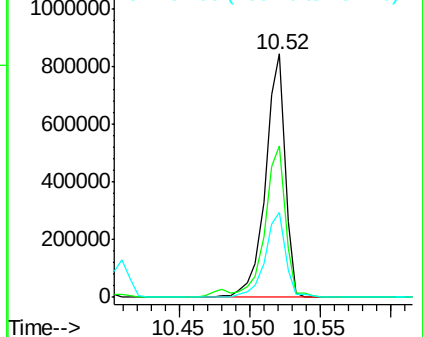
167 35.1 29.8 44.6



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 38.847 ng

RT: 10.89 min Scan# 1496

Delta R.T. -0.00 min

Lab File: BF101398.D

Acq: 14 Dec 2017 17:35

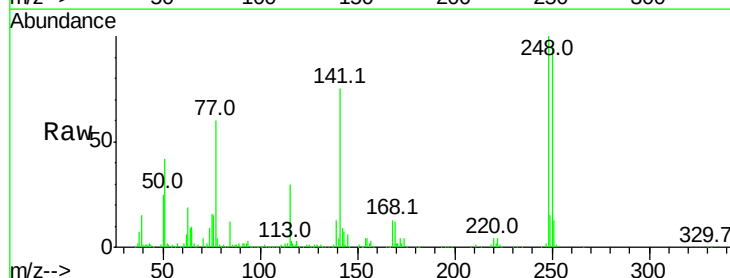
Tgt Ion:248 Resp: 267812

Ion Ratio Lower Upper

248 100

250 95.7 76.9 115.3

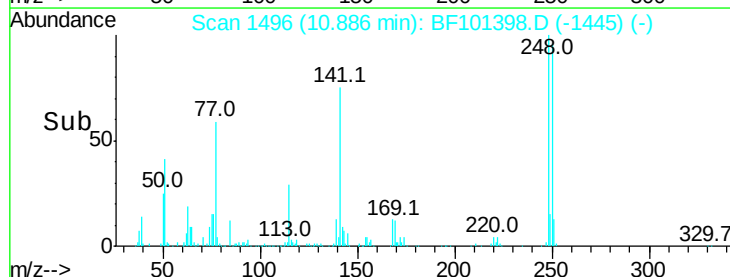
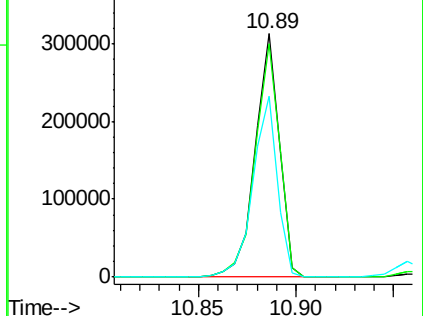
141 74.5 74.4 111.6

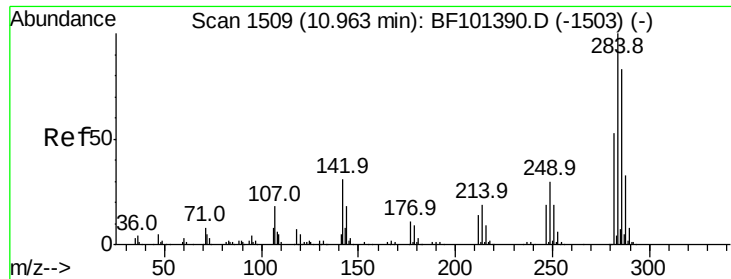


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

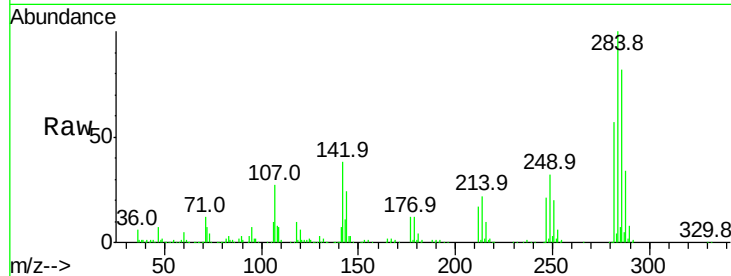




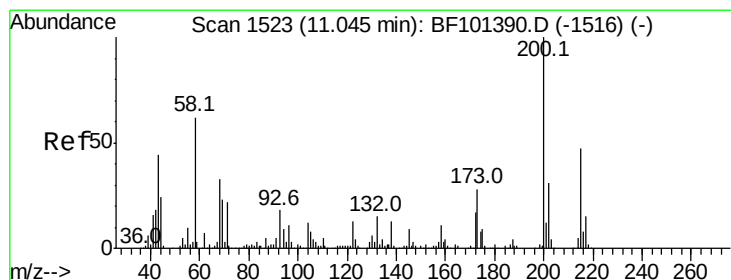
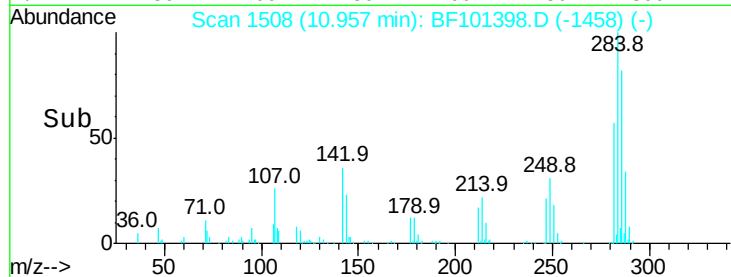
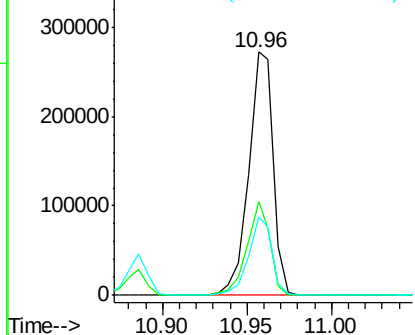
#67
Hexachlorobenzene
Concen: 37.880 ng
RT: 10.96 min Scan# 1508
Delta R.T. -0.01 min
Lab File: BF101398.D
Acq: 14 Dec 2017 17:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	38.4	34.6	52.0
249	32.4	24.8	37.2

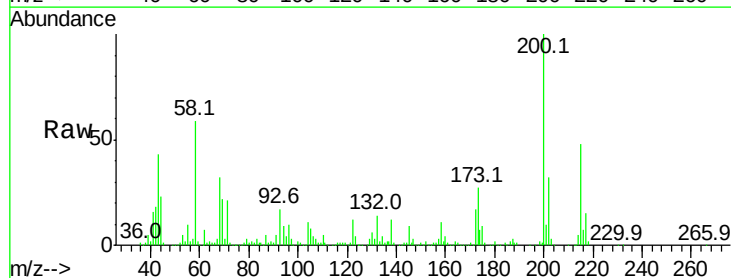


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

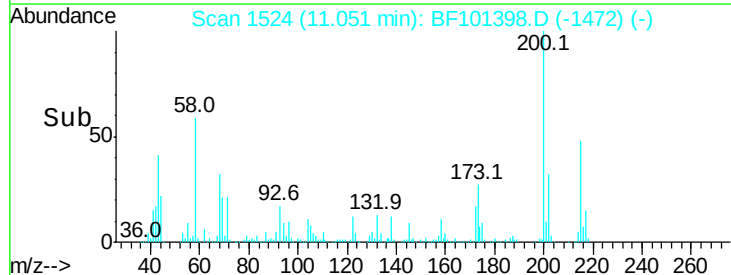
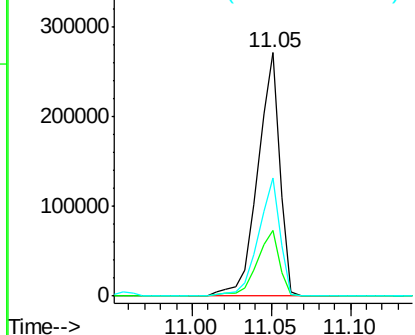


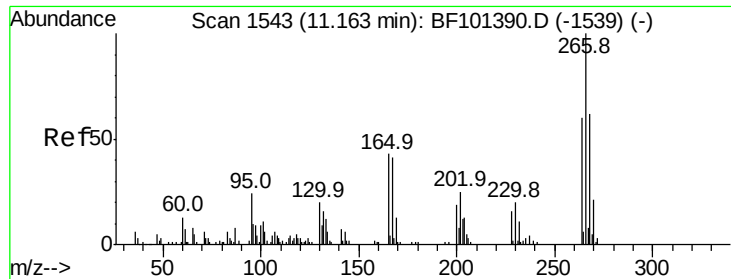
#68
Atrazine
Concen: 38.982 ng
RT: 11.05 min Scan# 1524
Delta R.T. 0.01 min
Lab File: BF101398.D
Acq: 14 Dec 2017 17:35

Tgt Ion	Ratio	Lower	Upper
200	100		
173	27.0	8.6	48.6
215	48.4	25.1	65.1



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

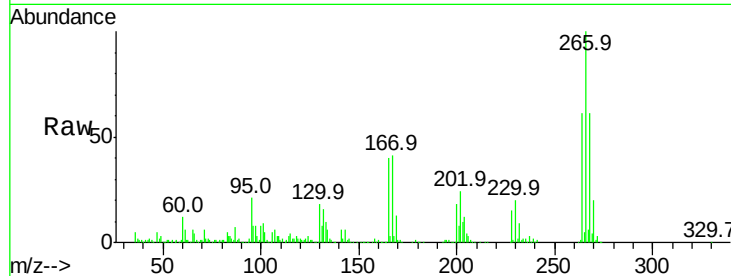




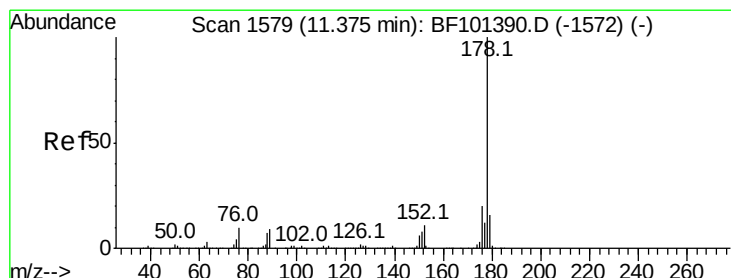
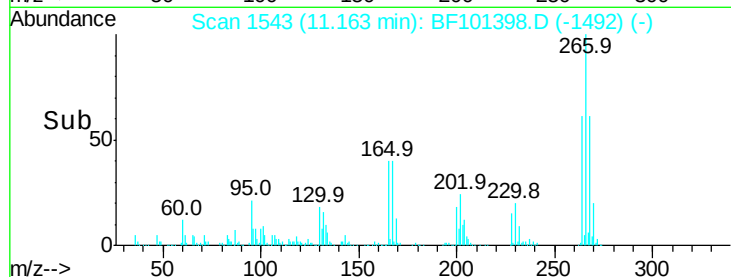
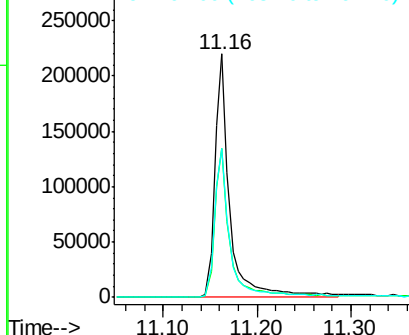
#69
 Pentachlorophenol
 Concen: 87.098 ng
 RT: 11.16 min Scan# 1543
 Delta R.T. 0.00 min
 Lab File: BF101398.D
 Acq: 14 Dec 2017 17:35

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
266	100		
268	61.1	51.1	76.7
264	61.2	49.5	74.3

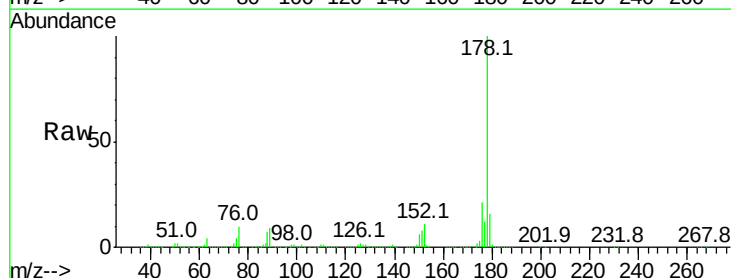


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

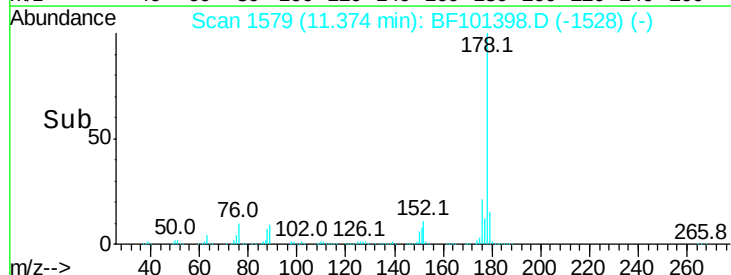
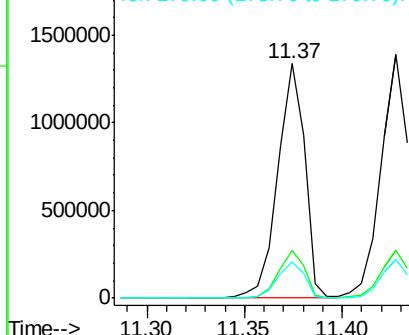


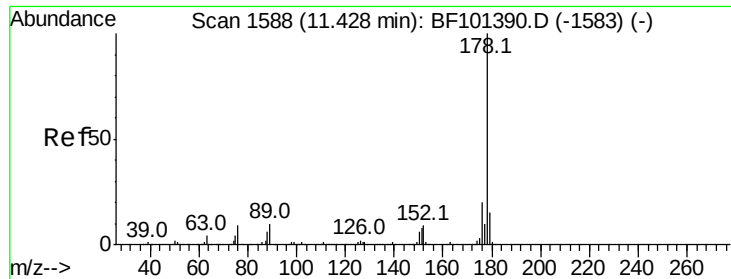
#70
 Phenanthrene
 Concen: 37.624 ng
 RT: 11.37 min Scan# 1579
 Delta R.T. -0.00 min
 Lab File: BF101398.D
 Acq: 14 Dec 2017 17:35

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.6	15.8	23.8
179	15.5	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



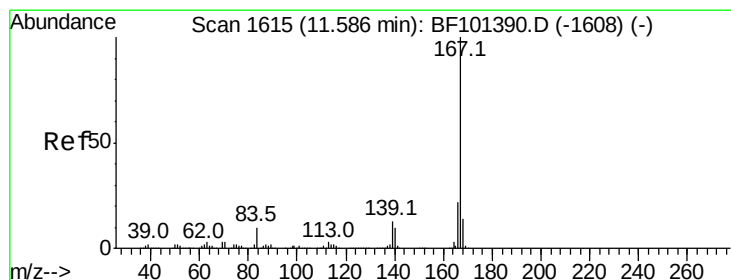
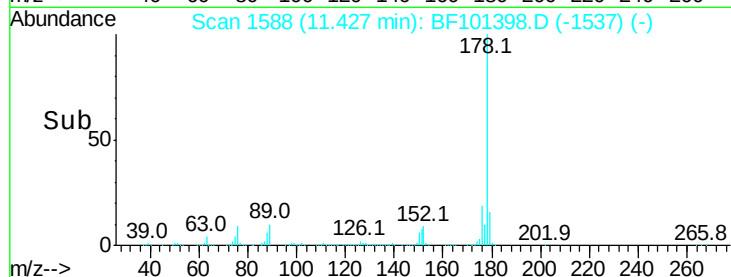
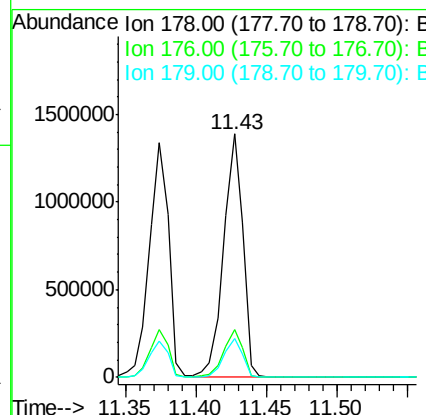
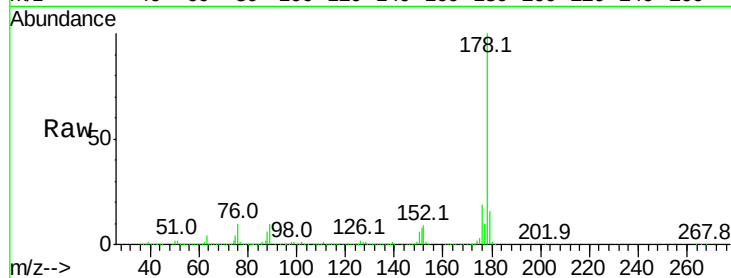


#71
 Anthracene
 Concen: 37.797 ng
 RT: 11.43 min Scan# 1588
 Delta R.T. -0.00 min
 Lab File: BF101398.D
 Acq: 14 Dec 2017 17:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 1317347

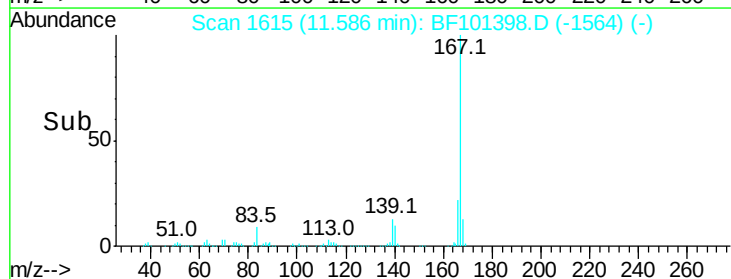
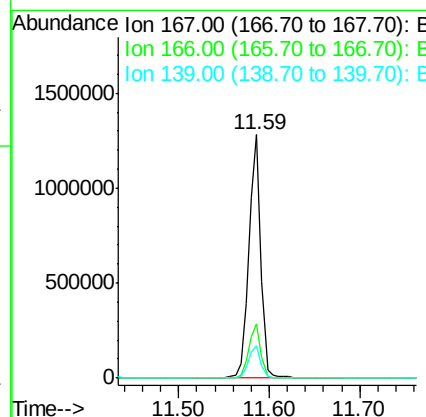
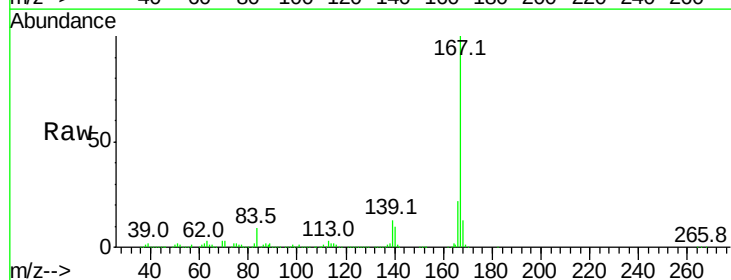
Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.4	23.2
179	15.7	12.6	19.0

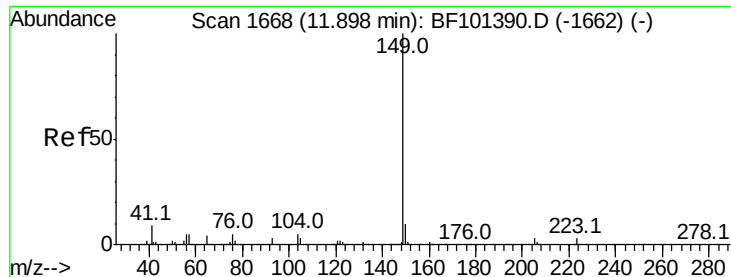


#72
 Carbazole
 Concen: 36.192 ng
 RT: 11.59 min Scan# 1615
 Delta R.T. -0.00 min
 Lab File: BF101398.D
 Acq: 14 Dec 2017 17:35

Tgt Ion:167 Resp: 1181006

Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.6	26.4
139	13.4	10.9	16.3





#73

Di-n-butylphthalate

Concen: 37.438 ng

RT: 11.90 min Scan# 1668

Delta R.T. -0.00 min

Lab File: BF101398.D

Acq: 14 Dec 2017 17:35

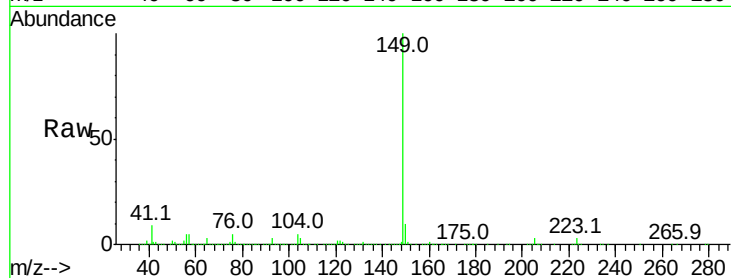
Instrument :

BNA_F

ClientSampleId :

Tot Ion:149 Resp: 1482750

Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.8	11.6
104	5.0	3.8	5.8

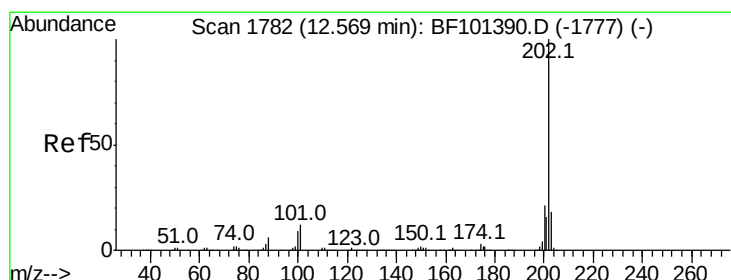
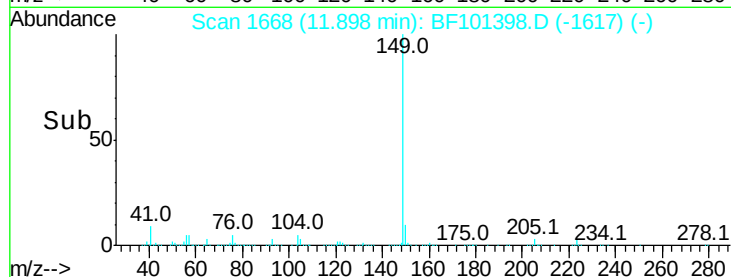
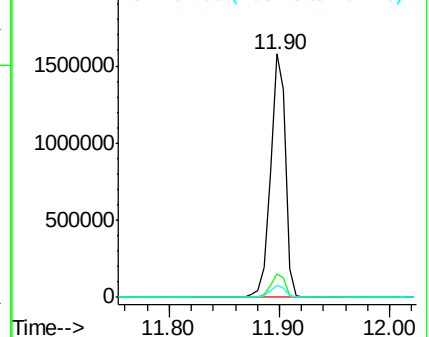


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 37.400 ng

RT: 12.57 min Scan# 1782

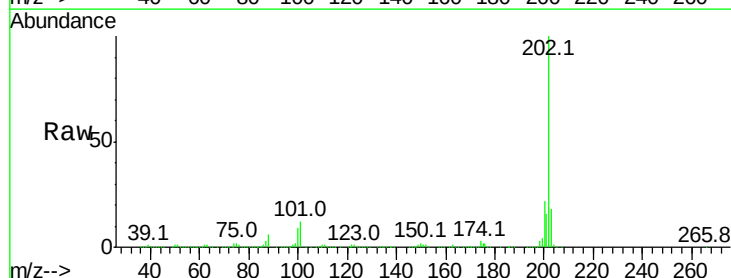
Delta R.T. -0.00 min

Lab File: BF101398.D

Acq: 14 Dec 2017 17:35

Tgt Ion:202 Resp: 1339441

Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	34.1
203	17.7	0.0	38.1

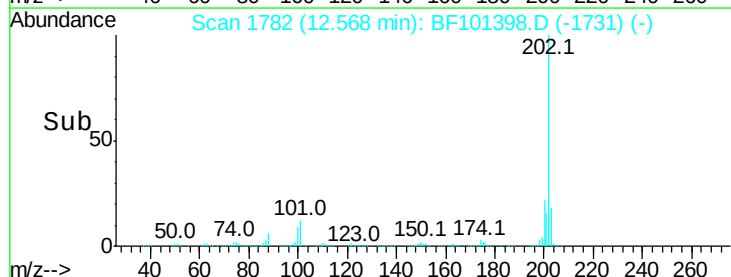
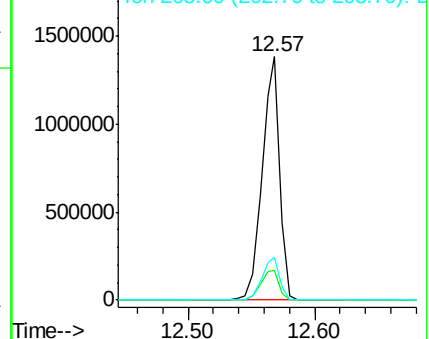


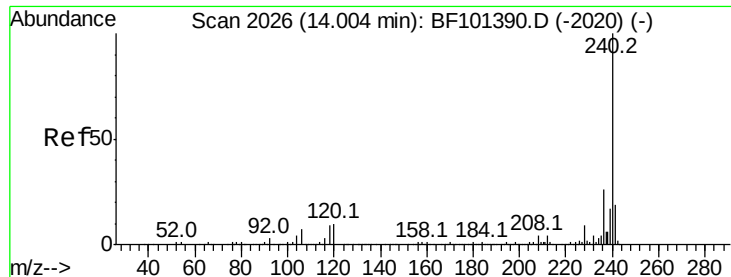
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BF101398.D

Acq: 14 Dec 2017 17:35

Instrument :

BNA_F

ClientSampleId :

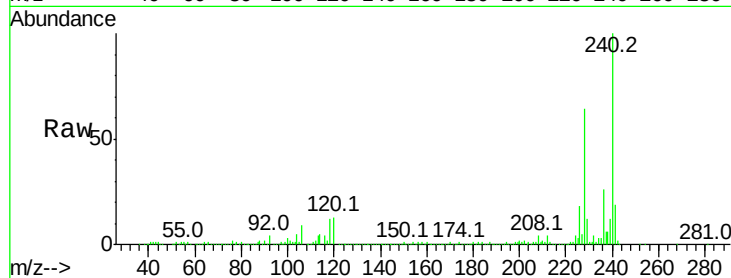
Tot Ion:240 Resp: 458406

Ion Ratio Lower Upper

240 100

120 13.4 9.5 14.3

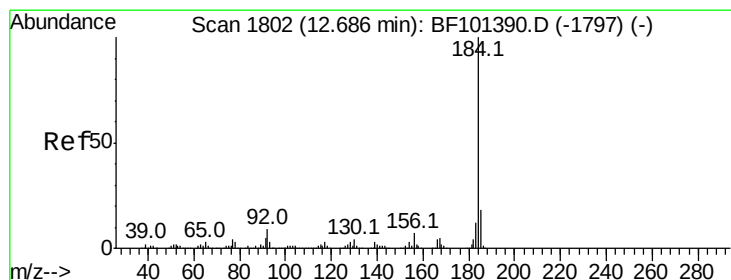
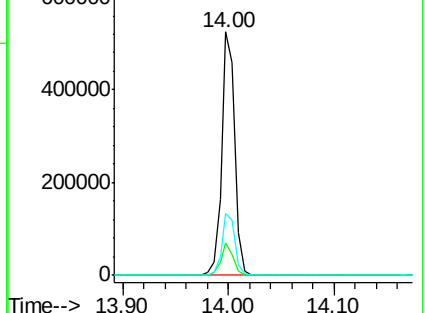
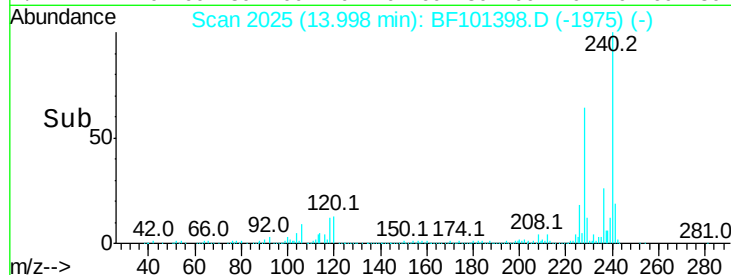
236 25.7 20.7 31.1



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: 3.530 ng

RT: 12.69 min Scan# 1803

Delta R.T. 0.01 min

Lab File: BF101398.D

Acq: 14 Dec 2017 17:35

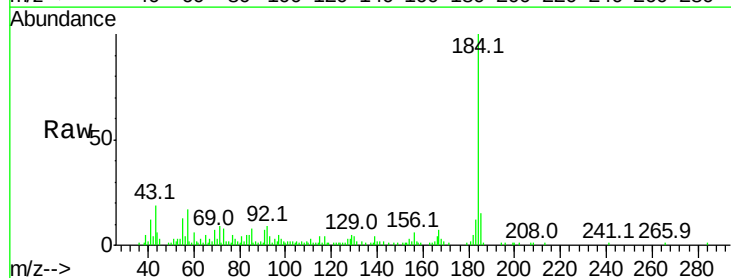
Tgt Ion:184 Resp: 68340

Ion Ratio Lower Upper

184 100

185 15.4 12.6 18.8

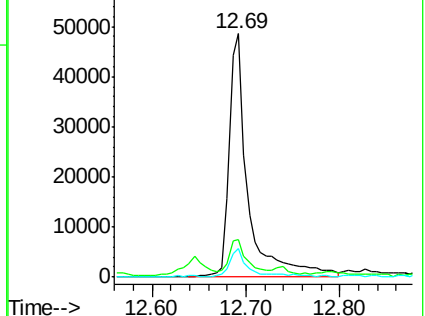
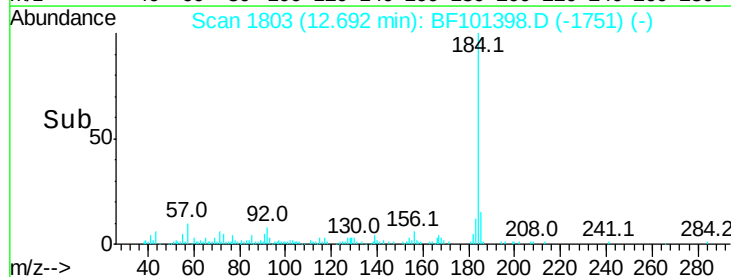
183 12.0 9.3 13.9

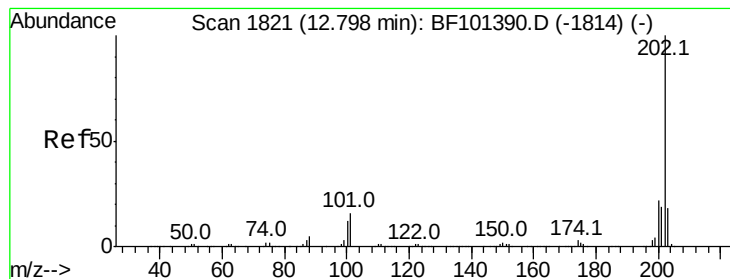


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 40.707 ng

RT: 12.80 min Scan# 1821

Delta R.T. -0.00 min

Lab File: BF101398.D

Acq: 14 Dec 2017 17:35

Instrument :

BNA_F

ClientSampleId :

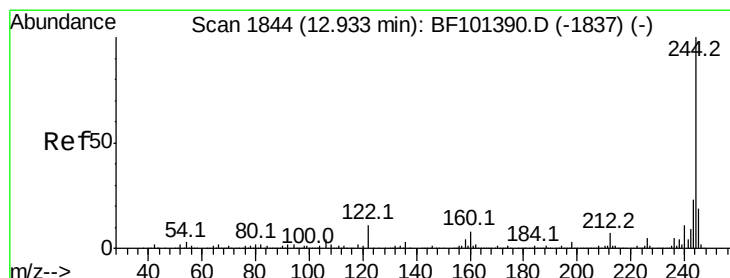
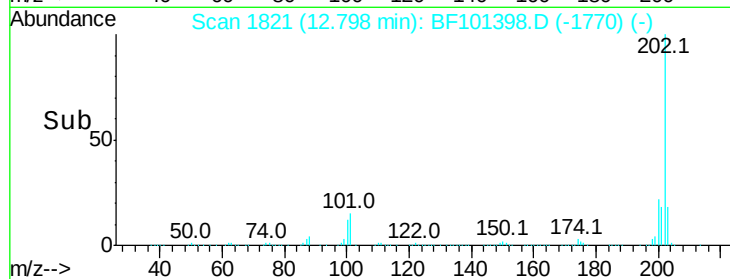
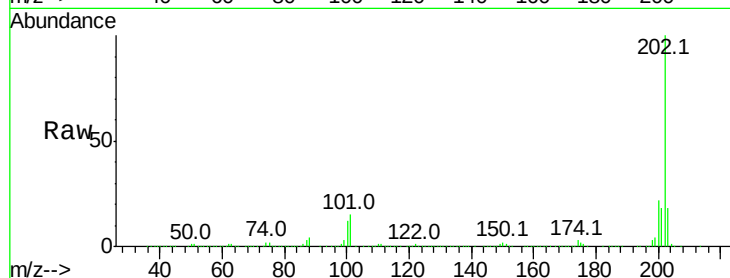
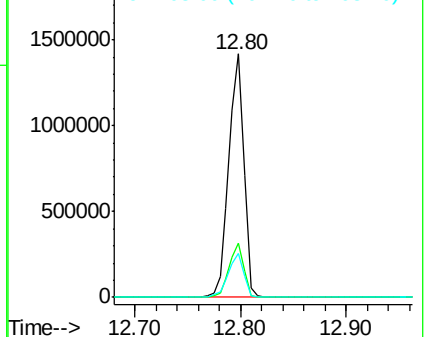
Tot Ion:202 Resp: 1400449

Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.4	26.2
203	18.2	14.3	21.5

Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 87.380 ng

RT: 12.93 min Scan# 1844

Delta R.T. -0.00 min

Lab File: BF101398.D

Acq: 14 Dec 2017 17:35

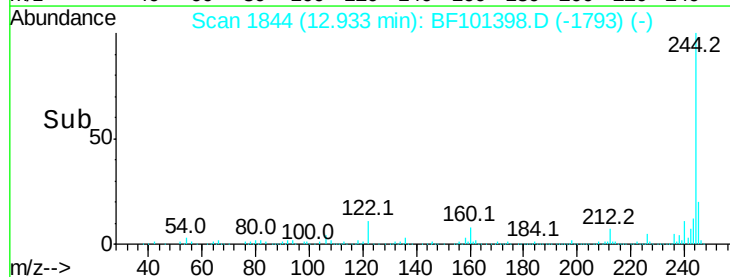
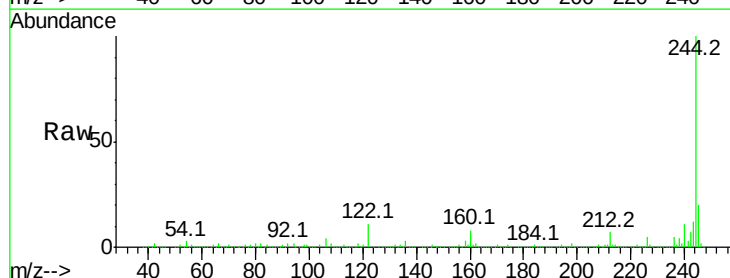
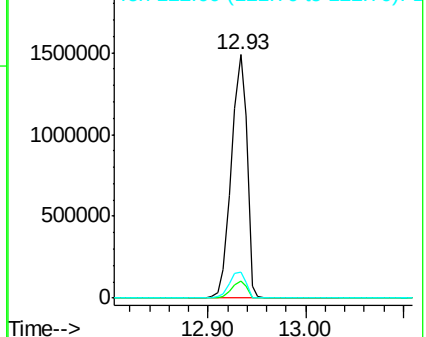
Tgt Ion:244 Resp: 1661529

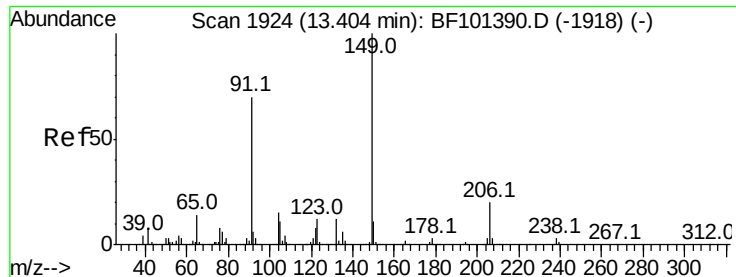
Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	10.7	11.0	16.4#

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

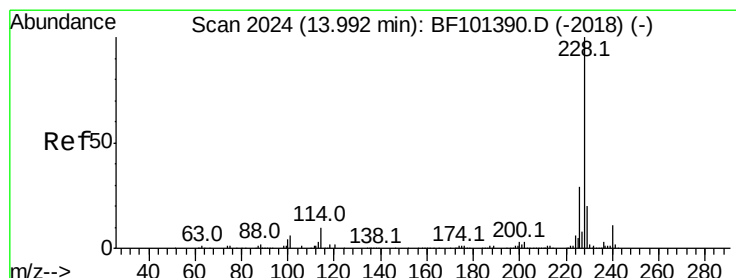
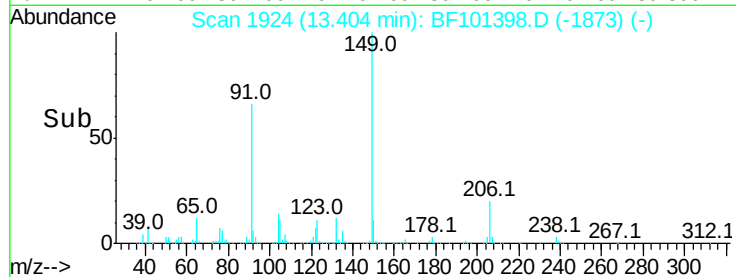
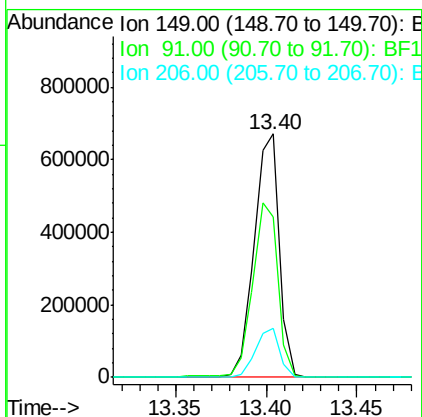
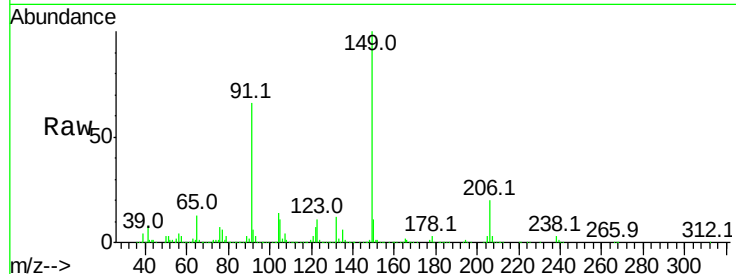




#79
Butylbenzylphthalate
Concen: 41.351 ng
RT: 13.40 min Scan# 1924
Delta R.T. -0.00 min
Lab File: BF101398.D
Acq: 14 Dec 2017 17:35

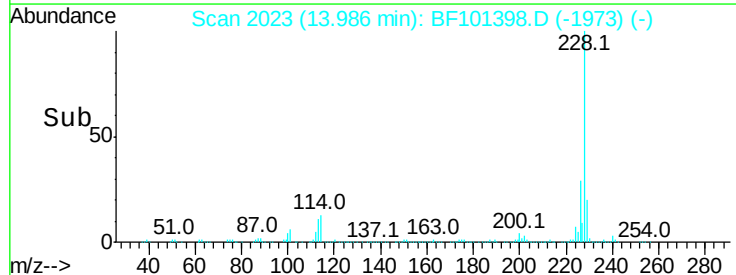
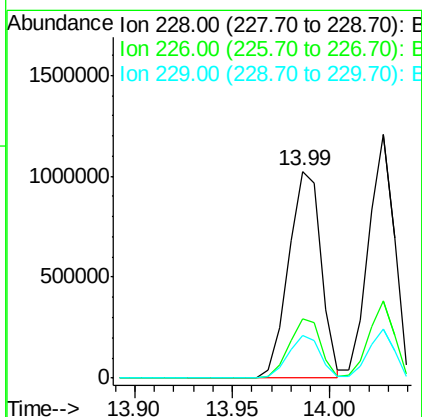
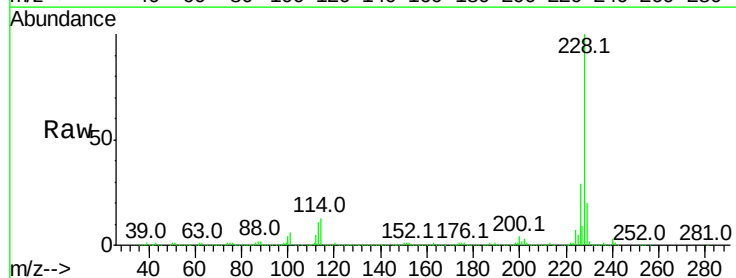
Instrument :
BNA_F
ClientSampled :

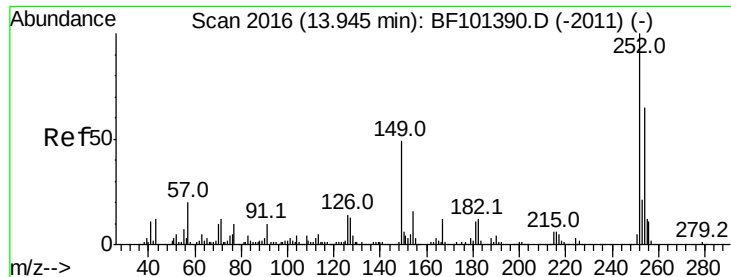
Tot Ion	Ratio	Lower	Upper
149	100		
91	65.9	56.8	85.2
206	20.3	14.1	21.1



#80
Benzo(a)anthracene
Concen: 38.924 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF101398.D
Acq: 14 Dec 2017 17:35

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.6	33.8
229	20.3	15.8	23.6

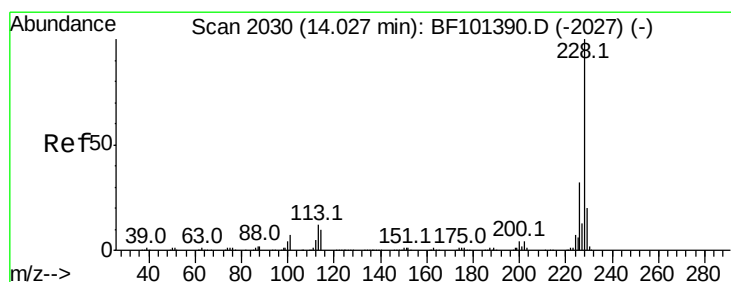
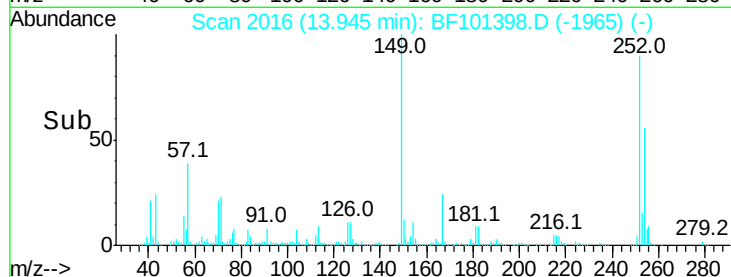
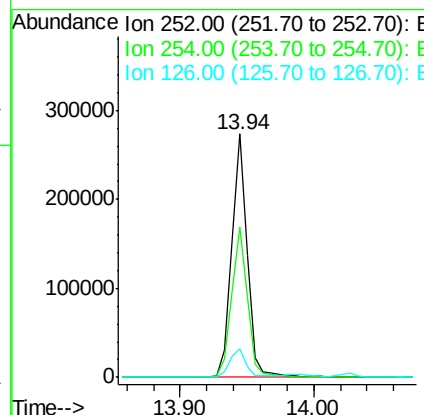
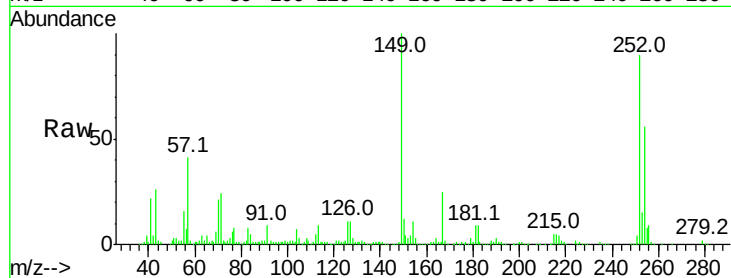




#81
 3,3'-Dichlorobenzidine
 Concen: 23.128 ng
 RT: 13.94 min Scan# 2016
 Delta R.T. -0.00 min
 Lab File: BF101398.D
 Acq: 14 Dec 2017 17:35

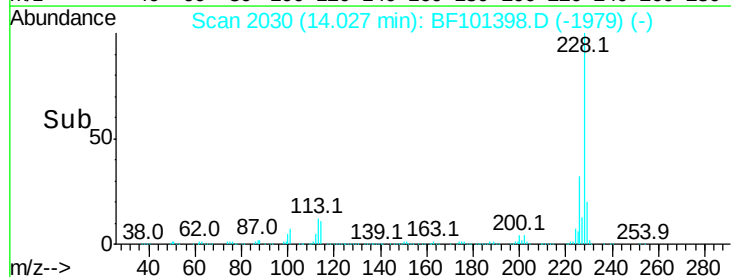
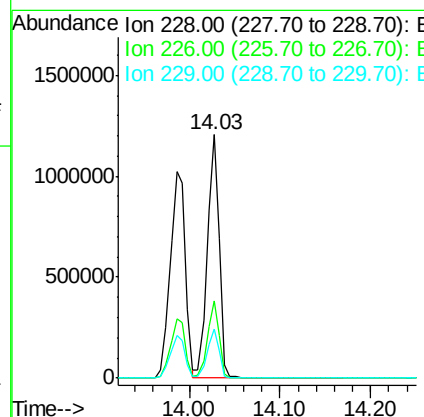
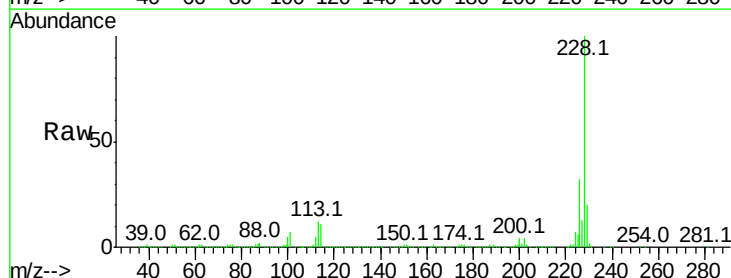
Instrument :
 BNA_F
 ClientSampleId :

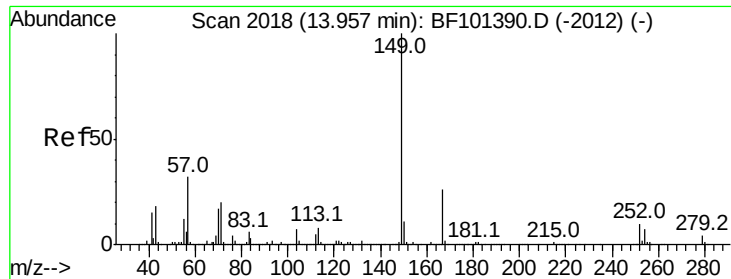
Tot Ion:252 Resp: 228264
 Ion Ratio Lower Upper
 252 100
 254 61.8 50.4 75.6
 126 11.7 11.3 16.9



#82
 Chrysene
 Concen: 38.990 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. -0.00 min
 Lab File: BF101398.D
 Acq: 14 Dec 2017 17:35

Tgt Ion:228 Resp: 1114310
 Ion Ratio Lower Upper
 228 100
 226 31.9 25.0 37.6
 229 20.1 16.2 24.4

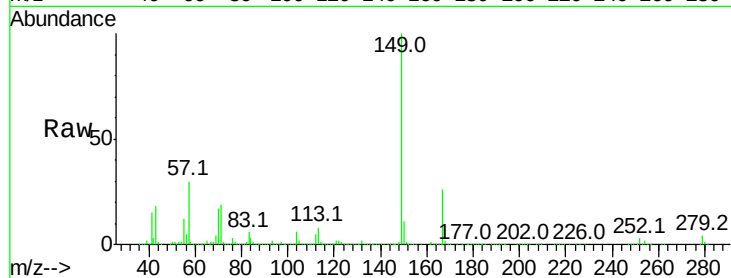




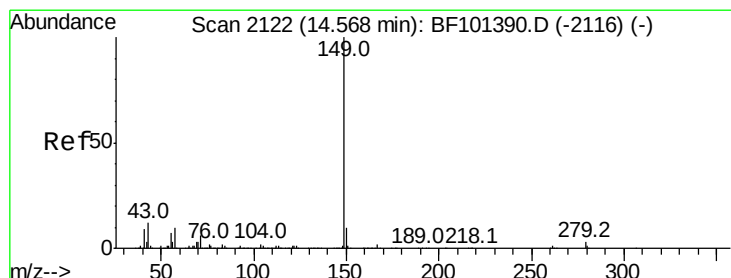
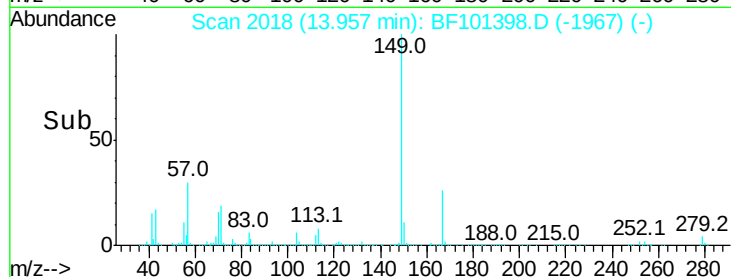
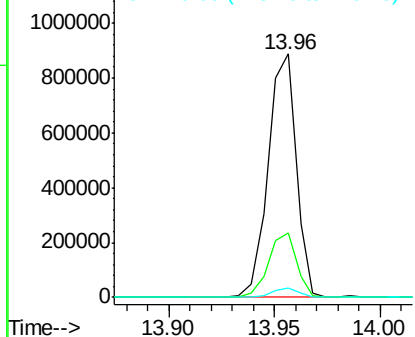
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.854 ng
 RT: 13.96 min Scan# 2018
 Delta R.T. -0.00 min
 Lab File: BF101398.D
 Acq: 14 Dec 2017 17:35

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:149 Resp: 825242
 Ion Ratio Lower Upper
 149 100
 167 26.2 21.3 31.9
 279 3.8 3.0 4.4

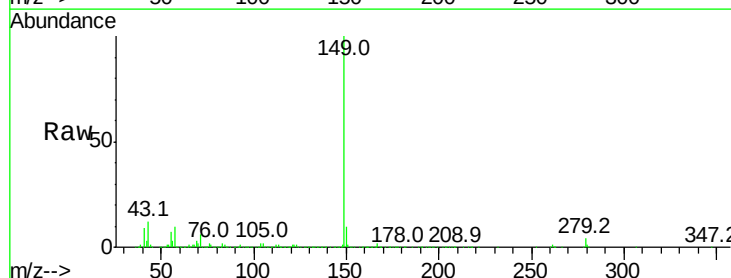


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

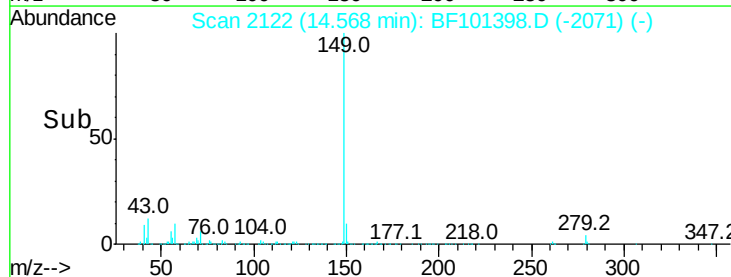
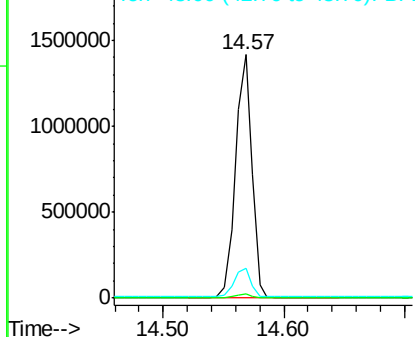


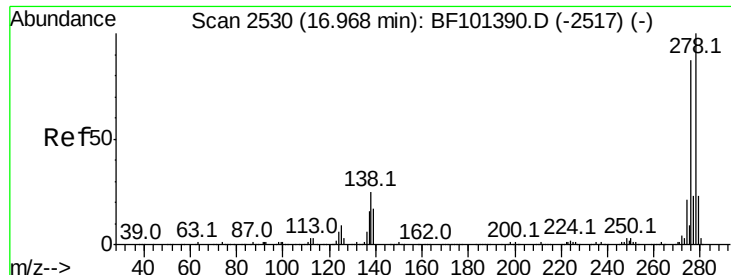
#84
 Di-n-octyl phthalate
 Concen: 38.008 ng
 RT: 14.57 min Scan# 2122
 Delta R.T. -0.00 min
 Lab File: BF101398.D
 Acq: 14 Dec 2017 17:35

Tgt Ion:149 Resp: 1336500
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 11.8 8.4 12.6



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF1

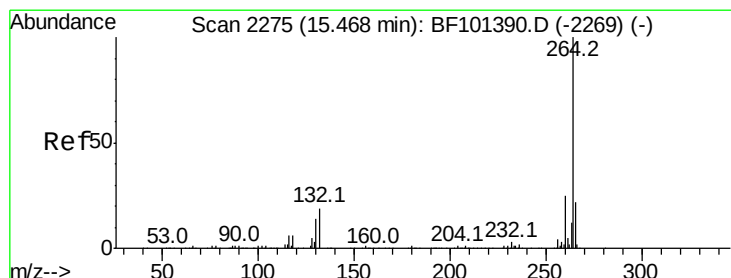
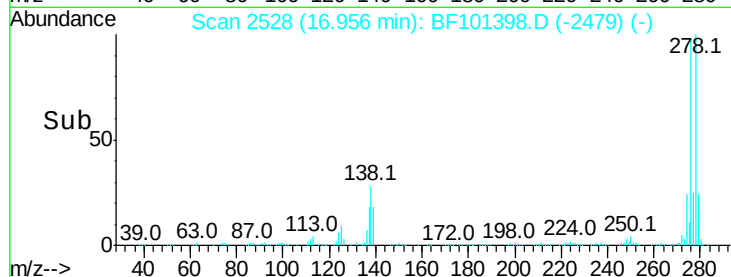
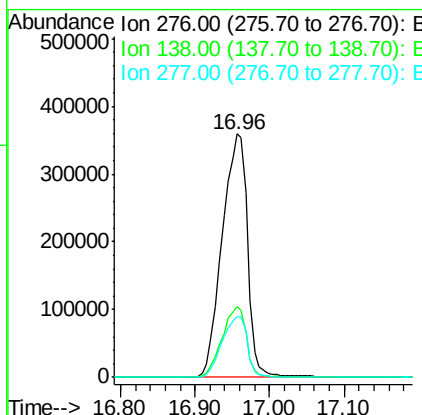
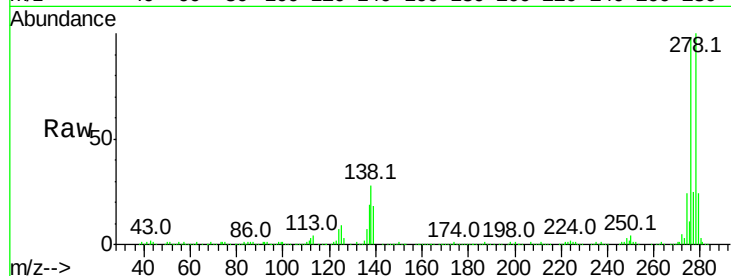




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 33.449 ng
 RT: 16.96 min Scan# 2528
 Delta R.T. -0.01 min
 Lab File: BF101398.D
 Acq: 14 Dec 2017 17:35

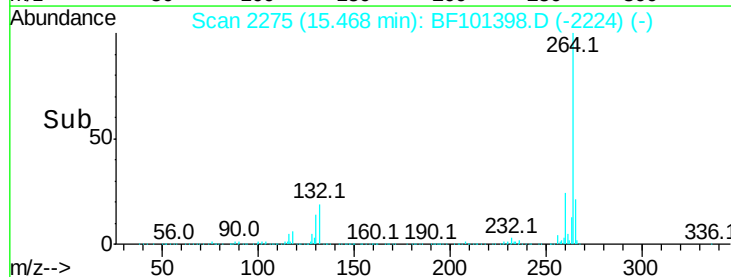
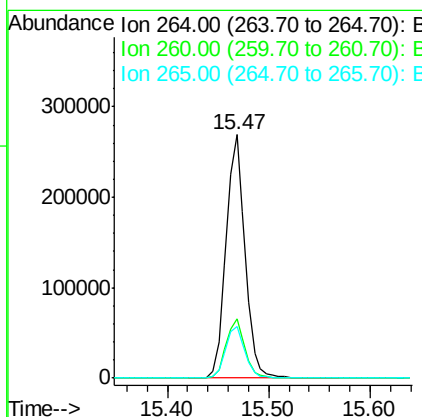
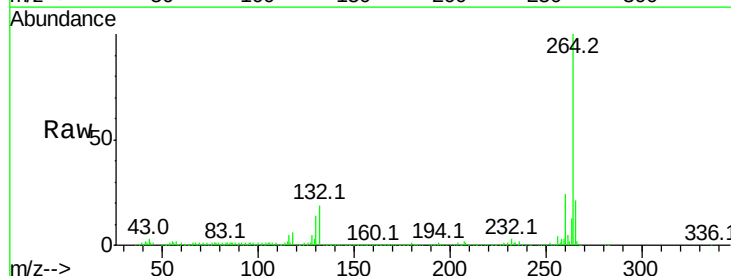
Instrument :
 BNA_F
 ClientSampleId :

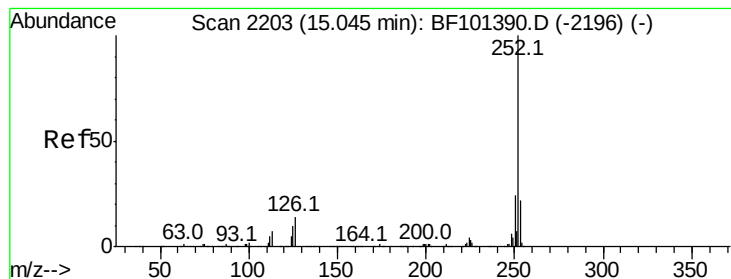
Tot Ion	Ratio	Lower	Upper
276	100		
138	27.8	25.0	37.6
277	25.1	20.1	30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2275
 Delta R.T. -0.00 min
 Lab File: BF101398.D
 Acq: 14 Dec 2017 17:35

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.4	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 46.082 ng

RT: 15.04 min Scan# 2202

Delta R.T. -0.01 min

Lab File: BF101398.D

Acq: 14 Dec 2017 17:35

Instrument :

BNA_F

ClientSampleId :

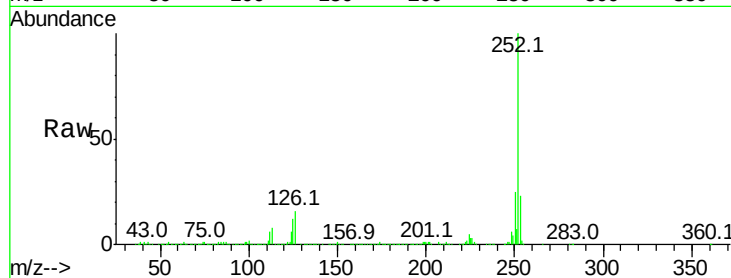
Tot Ion:252 Resp: 983281

Ion Ratio Lower Upper

252 100

253 22.8 17.0 25.6

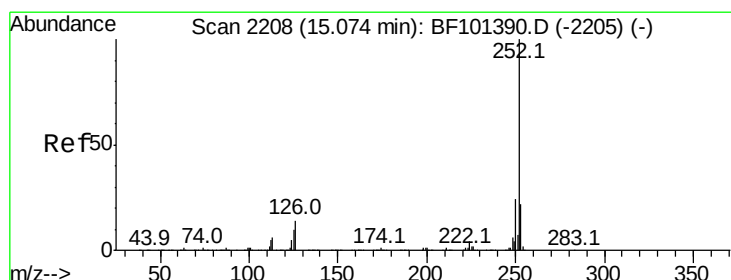
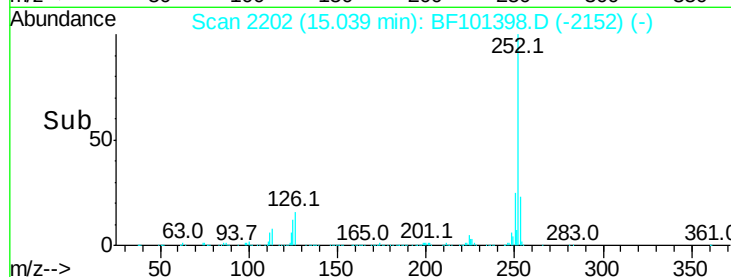
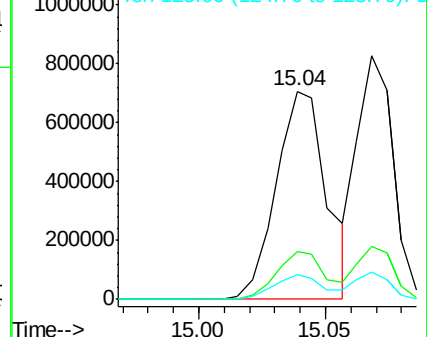
125 11.7 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 40.036 ng

RT: 15.07 min Scan# 2207

Delta R.T. -0.01 min

Lab File: BF101398.D

Acq: 14 Dec 2017 17:35

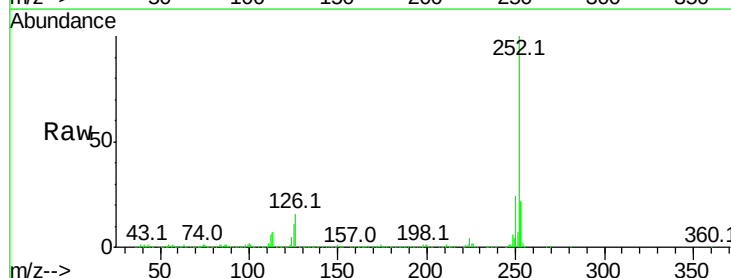
Tgt Ion:252 Resp: 830582

Ion Ratio Lower Upper

252 100

253 21.9 17.9 26.9

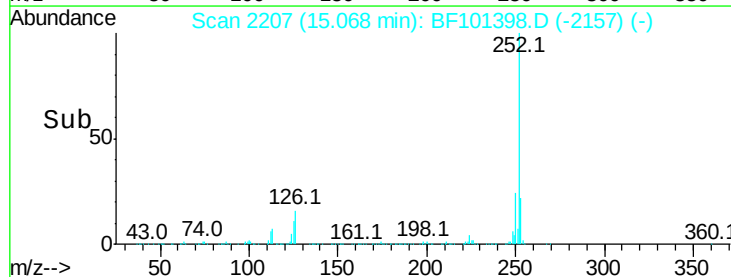
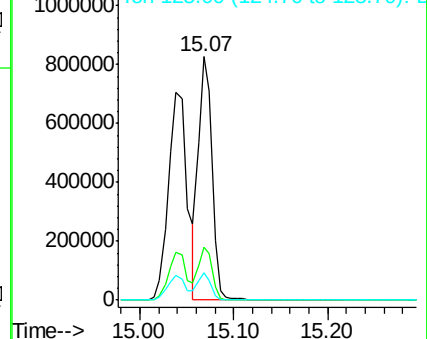
125 11.4 10.2 15.2

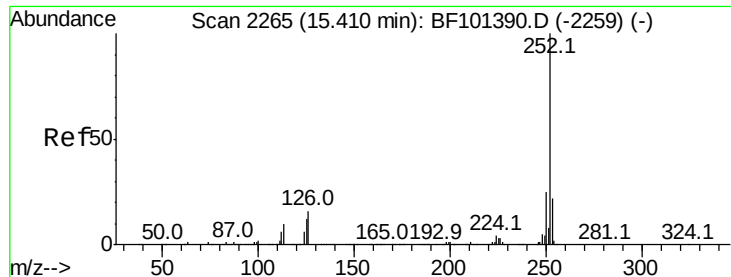


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 42.840 ng

RT: 15.41 min Scan# 2265

Delta R.T. -0.00 min

Lab File: BF101398.D

Acq: 14 Dec 2017 17:35

Instrument :

BNA_F

ClientSampleId :

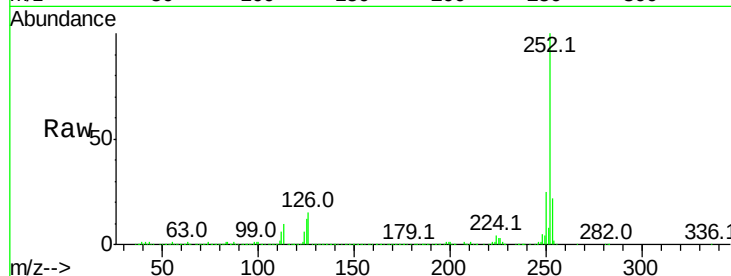
Tot Ion:252 Resp: 842668

Ion Ratio Lower Upper

252 100

253 21.9 17.1 25.7

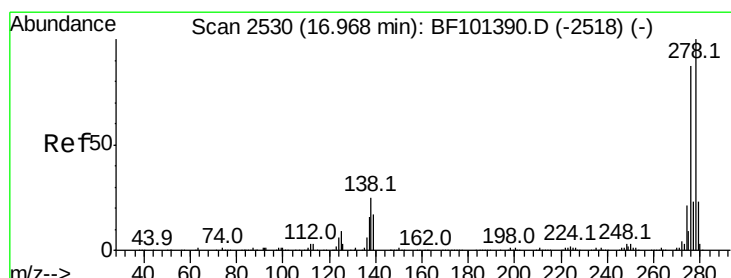
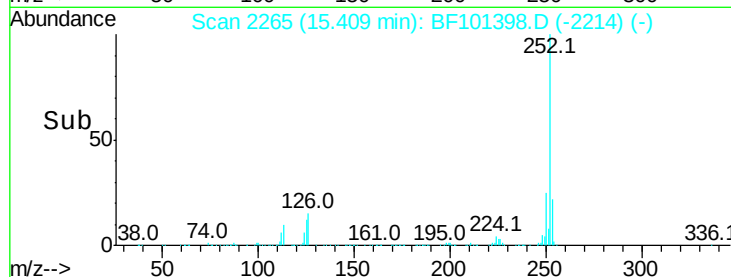
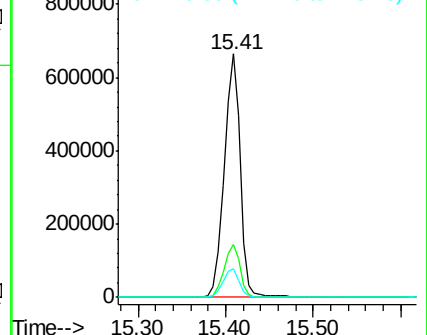
125 11.7 9.8 14.6



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: 41.544 ng

RT: 16.96 min Scan# 2529

Delta R.T. -0.01 min

Lab File: BF101398.D

Acq: 14 Dec 2017 17:35

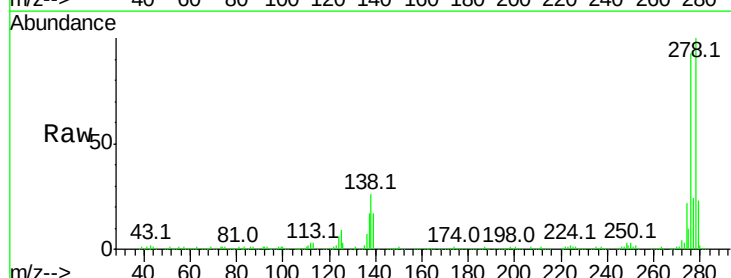
Tgt Ion:278 Resp: 701612

Ion Ratio Lower Upper

278 100

139 17.0 15.9 23.9

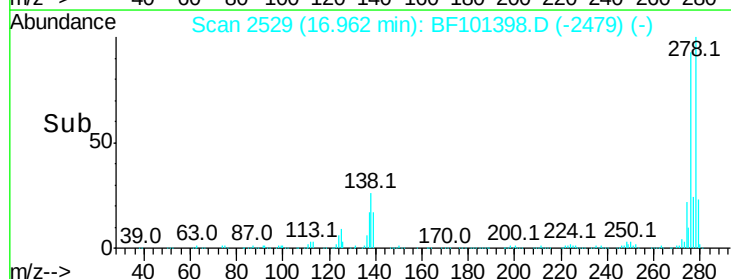
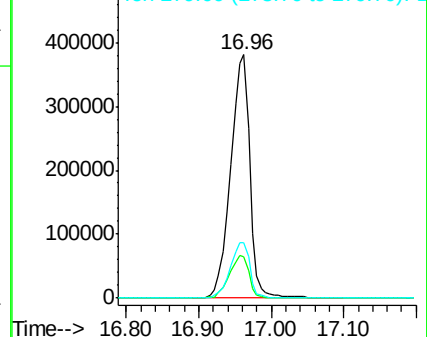
279 22.6 19.0 28.4

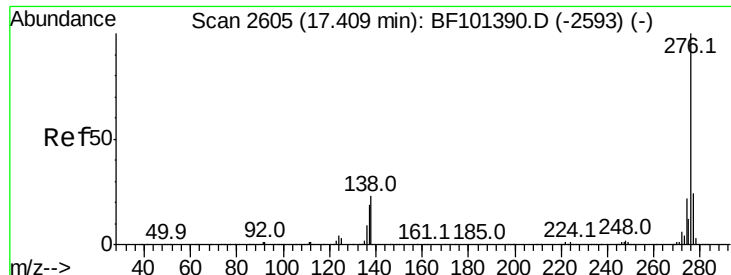


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

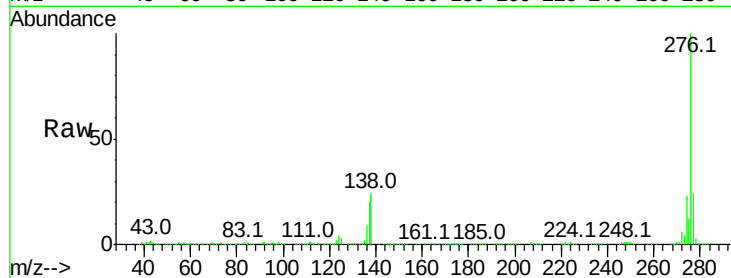




#91
 Benzo(a,h,i)perylene
 Concen: 45.175 ng
 RT: 17.40 min Scan# 2604
 Delta R.T. -0.01 min
 Lab File: BF101398.D
 Acq: 14 Dec 2017 17:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.2	17.9	26.9
138	24.3	21.8	32.8



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

