

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF121417\
 Data File : BF101397.D
 Acq On : 14 Dec 2017 17:03
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 14 23:44:13 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	154336	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	639762	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	292753	20.00	ng	0.00
63) Phenanthrene-d10	11.35	188	551633	20.00	ng	0.00
75) Chrysene-d12	14.00	240	442089	20.00	ng	0.00
86) Perylene-d12	15.47	264	428397	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	846325	81.68	ng	0.00
7) Phenol-d6	6.46	99	1005992	78.02	ng	0.00
23) Nitrobenzene-d5	7.39	82	922462	80.26	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	225654	79.99	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1469895	77.89	ng	0.00
78) Terphenyl-d14	12.93	244	1363111	74.33	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.55	88	216104	40.592	ng	96
3) Pyridine	3.31	79	606609	41.010	ng	97
4) n-Nitrosodimethylamine	3.28	42	279880	41.095	ng	96
6) Aniline	6.48	93	713063	39.793	ng	92
8) 2-Chlorophenol	6.60	128	428449	39.310	ng	98
9) Benzaldehyde	6.37	77	382599	40.176	ng	99
10) Phenol	6.47	94	586189	39.885	ng	92
11) bis(2-Chloroethyl)ether	6.56	93	459484	39.857	ng	96
12) 1,3-Dichlorobenzene	6.76	146	490180	39.849	ng	98
13) 1,4-Dichlorobenzene	6.83	146	496208	39.502	ng	99
14) 1,2-Dichlorobenzene	6.99	146	444981	39.355	ng	98
15) Benzyl Alcohol	6.96	79	351495	39.603	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	712776	40.399	ng	92
17) 2-Methylphenol	7.07	107	387074	38.608	ng	96
18) Hexachloroethane	7.32	117	172797	39.565	ng	99
19) n-Nitroso-di-n-propylamine	7.23	70	316725	37.402	ng	90
20) 3+4-Methylphenols	7.23	107	431008	40.569	ng	# 66
22) Acetophenone	7.23	105	567144	38.851	ng	# 87
24) Nitrobenzene	7.40	77	502499	39.505	ng	94
25) Isophorone	7.65	82	883715	38.330	ng	98
26) 2-Nitrophenol	7.72	139	226747	41.493	ng	98
27) 2,4-Dimethylphenol	7.76	122	358016	38.564	ng	96
28) bis(2-Chloroethoxy)methane	7.85	93	568905	38.845	ng	98
29) 2,4-Dichlorophenol	7.96	162	367284	40.045	ng	99
30) 1,2,4-Trichlorobenzene	8.04	180	377779	39.030	ng	98
31) Naphthalene	8.12	128	1234540	38.330	ng	100
32) Benzoic acid	7.91	122	213471	36.427	ng	95
33) 4-Chloroaniline	8.17	127	539632	38.549	ng	98
34) Hexachlorobutadiene	8.23	225	218007	38.943	ng	98
35) Caprolactam	8.56	113	126654	39.769	ng	# 87
36) 4-Chloro-3-methylphenol	8.66	107	399383	39.618	ng	100
37) 2-Methylnaphthalene	8.82	142	802474	38.242	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	379961	38.442	ng	97
40) Hexachlorocyclopentadiene	8.96	237	54571	40.362	ng	100

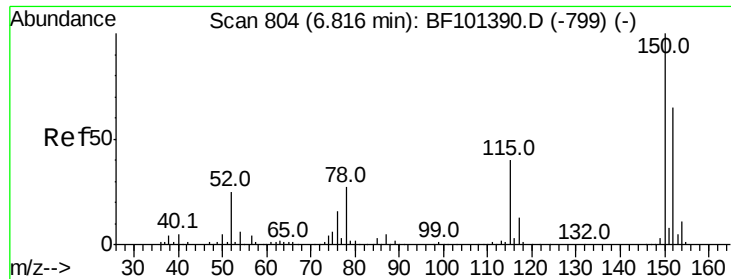
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF121417\
 Data File : BF101397.D
 Acq On : 14 Dec 2017 17:03
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

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 BNA_F
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Quant Time: Dec 14 23:44:13 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)
42) 2,4,6-Trichlorophenol	9.10	196	236977	39.825	ng	98
43) 2,4,5-Trichlorophenol	9.15	196	262878	40.347	ng	96
45) 1,1'-Biphenyl	9.27	154	987707	38.043	ng	99
46) 2-Chloronaphthalene	9.30	162	757198	38.116	ng	98
47) 2-Nitroaniline	9.41	65	281059	40.955	ng	89
48) Acenaphthylene	9.72	152	1183030	37.704	ng	99
49) Dimethylphthalate	9.57	163	890246	37.806	ng	99
50) 2,6-Dinitrotoluene	9.65	165	190402	39.783	ng	# 87
51) Acenaphthene	9.89	154	720687	38.230	ng	99
52) 3-Nitroaniline	9.83	138	244174	40.921	ng	95
53) 2,4-Dinitrophenol	9.95	184	52413	37.707	ng	# 19
54) Dibenzofuran	10.06	168	948728	39.601	ng	98
55) 4-Nitrophenol	10.00	139	109492	42.083	ng	93
56) 2,4-Dinitrotoluene	10.06	165	220952	40.976	ng	# 79
57) Fluorene	10.41	166	806442	39.792	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.19	232	190711	40.741	ng	89
59) Diethylphthalate	10.27	149	892223	38.261	ng	98
60) 4-Chlorophenyl-phenylether	10.39	204	392910	40.453	ng	95
61) 4-Nitroaniline	10.45	138	243905	40.667	ng	97
62) Azobenzene	10.56	77	918690	38.031	ng	96
64) 4,6-Dinitro-2-methylphenol	10.48	198	127345	45.238	ng	90
65) n-Nitrosodiphenylamine	10.52	169	785891	38.583	ng	96
66) 4-Bromophenyl-phenylether	10.89	248	242481	39.121	ng	# 88
67) Hexachlorobenzene	10.96	284	251526	38.342	ng	96
68) Atrazine	11.05	200	238021	39.190	ng	97
69) Pentachlorophenol	11.16	266	90375	39.080	ng	99
70) Phenanthrene	11.37	178	1164752	37.968	ng	99
71) Anthracene	11.43	178	1197665	38.220	ng	100
72) Carbazole	11.59	167	1140118	38.861	ng	99
73) Di-n-butylphthalate	11.90	149	1372791	38.552	ng	100
74) Fluoranthene	12.57	202	1251941	38.880	ng	97
76) Benzidine	12.69	184	751879	40.268	ng	97
77) Pyrene	12.80	202	1288258	38.828	ng	99
79) Butylbenzylphthalate	13.40	149	601631	40.075	ng	95
80) Benzo(a)anthracene	13.99	228	1151577	39.449	ng	100
81) 3,3'-Dichlorobenzidine	13.94	252	379686	39.889	ng	99
82) Chrysene	14.03	228	1062879	38.563	ng	99
83) Bis(2-ethylhexyl)phthalate	13.96	149	742424	39.044	ng	100
84) Di-n-octyl phthalate	14.57	149	1342368	39.584	ng	97
85) Indeno(1,2,3-cd)pyrene	16.96	276	938781	38.249	ng	96
87) Benzo(b)fluoranthene	15.04	252	1065830	40.818	ng	98
88) Benzo(k)fluoranthene	15.07	252	950491	37.439	ng	# 97
89) Benzo(a)pyrene	15.41	252	951015	39.508	ng	99
90) Dibenzo(a,h)anthracene	16.96	278	791505	38.297	ng	98
91) Benzo(g,h,i)perylene	17.40	276	797699	38.979	ng	95

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

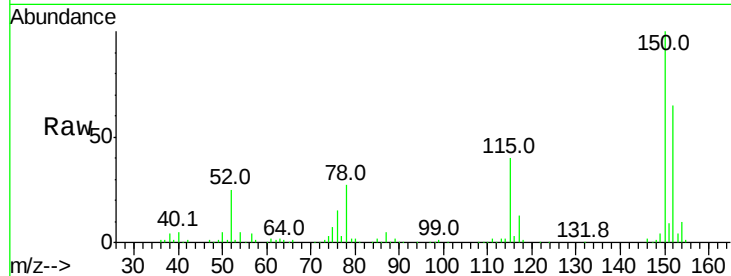


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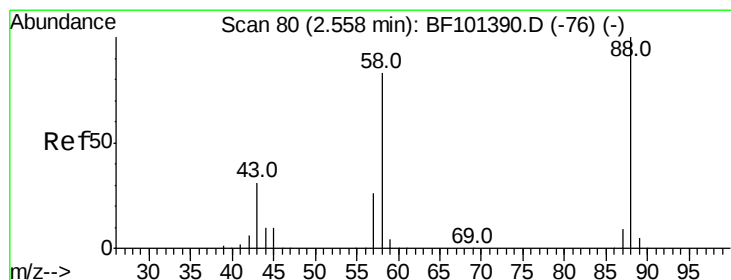
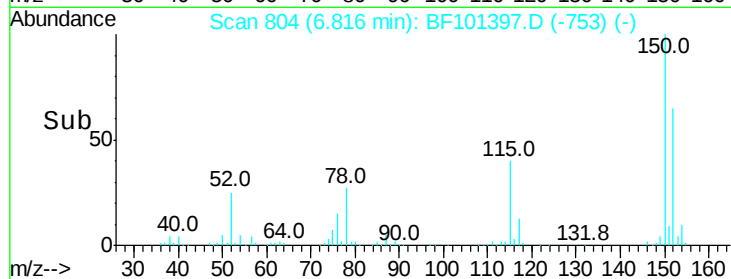
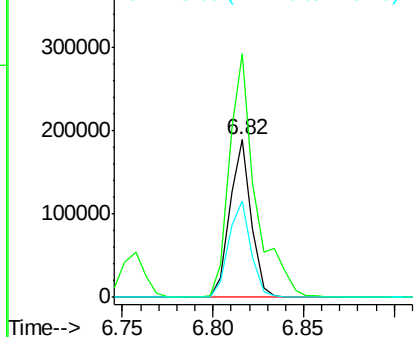
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.00 min
Lab File: BF101397.D
Acq: 14 Dec 2017 17:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 154336
Ion Ratio Lower Upper
152 100
150 154.5 124.6 186.8
115 61.1 50.1 75.1



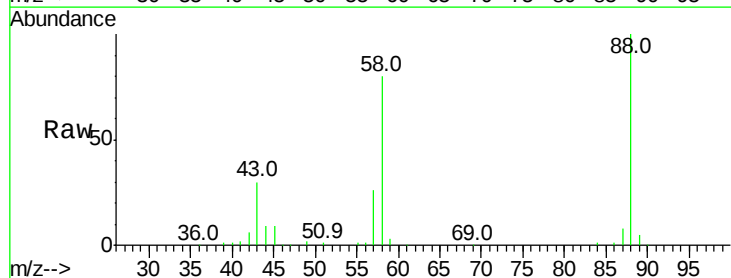
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



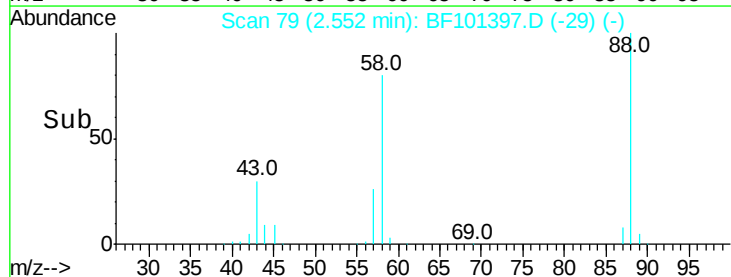
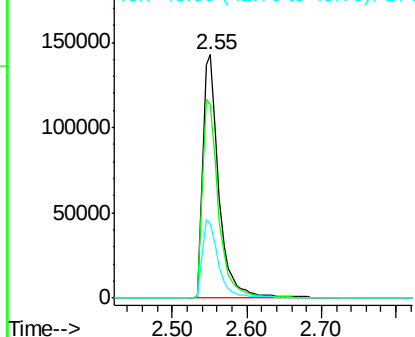
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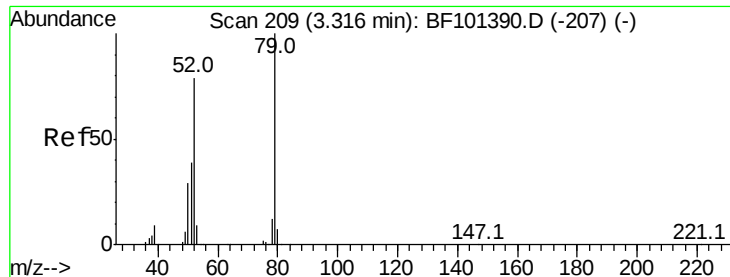
1,4-Dioxane
Concen: 40.592 ng
RT: 2.55 min Scan# 79
Delta R.T. -0.01 min
Lab File: BF101397.D
Acq: 14 Dec 2017 17:03

Tgt Ion: 88 Resp: 216104
Ion Ratio Lower Upper
88 100
58 82.6 62.6 93.8
43 31.2 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: 41.010 ng

RT: 3.31 min Scan# 208

Delta R.T. -0.01 min

Lab File: BF101397.D

Acq: 14 Dec 2017 17:03

Instrument :

BNA_F

ClientSampled :

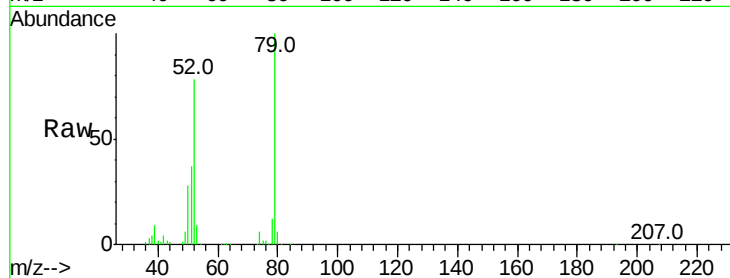
Tot Ion: 79 Resp: 606609

Ion Ratio Lower Upper

79 100

52 78.0 59.8 89.6

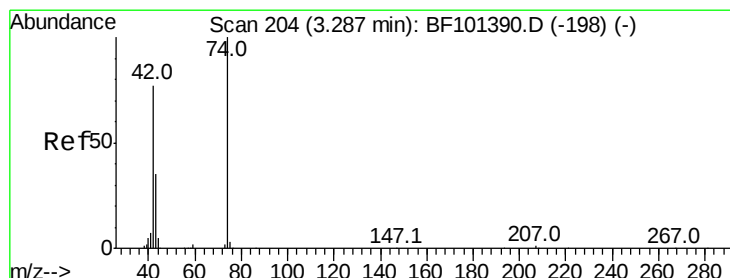
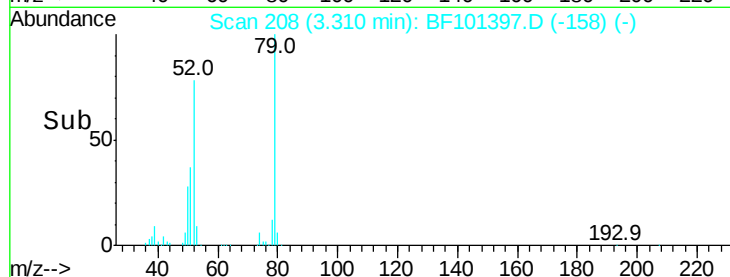
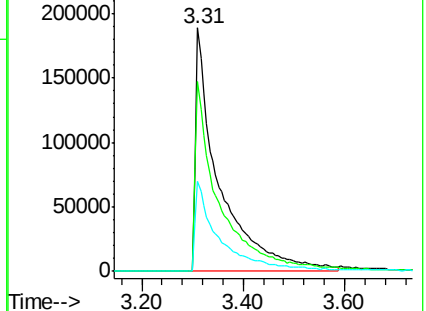
51 37.0 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 41.095 ng

RT: 3.28 min Scan# 202

Delta R.T. -0.01 min

Lab File: BF101397.D

Acq: 14 Dec 2017 17:03

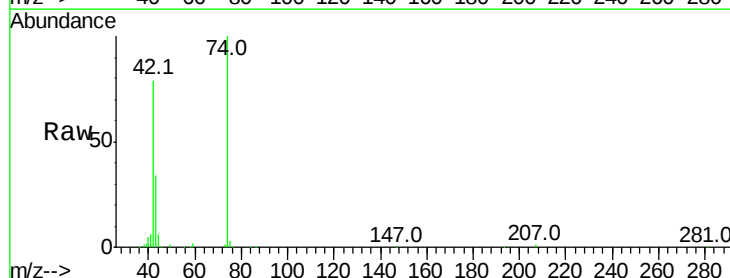
Tgt Ion: 42 Resp: 279880

Ion Ratio Lower Upper

42 100

74 125.9 104.9 157.3

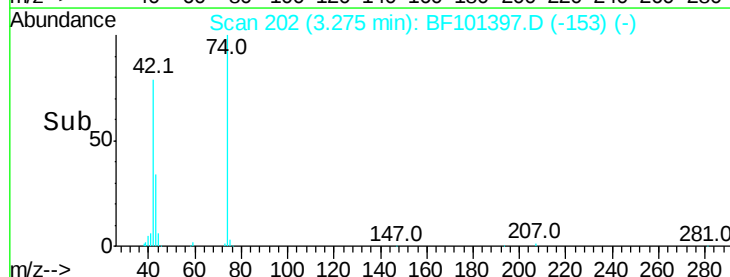
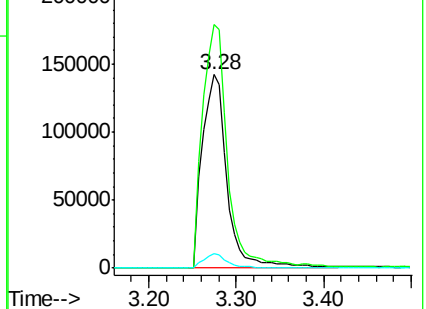
44 7.3 6.9 10.3

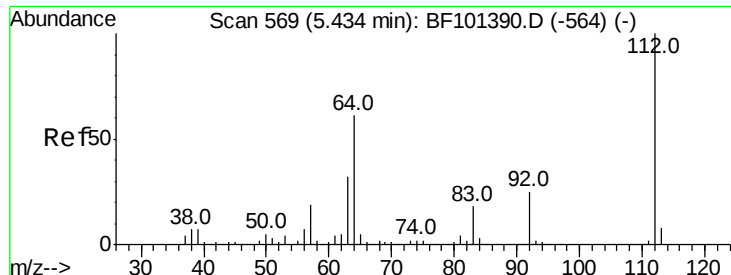


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 81.683 ng

RT: 5.43 min Scan# 568

Delta R.T. -0.01 min

Lab File: BF101397.D

Acq: 14 Dec 2017 17:03

Instrument :
BNA_F
ClientSampled :

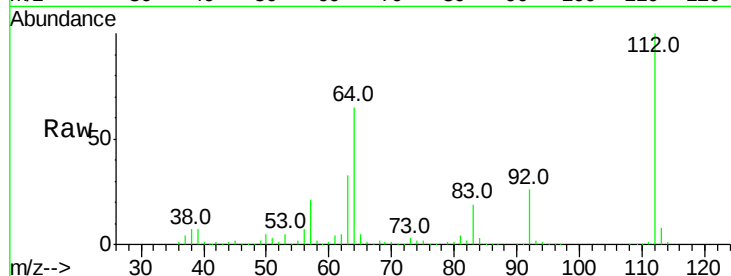
Tot Ion:112 Resp: 846325

Ion Ratio Lower Upper

112 100

64 64.8 47.9 71.9

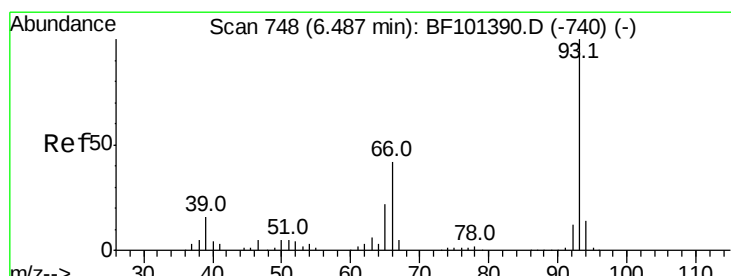
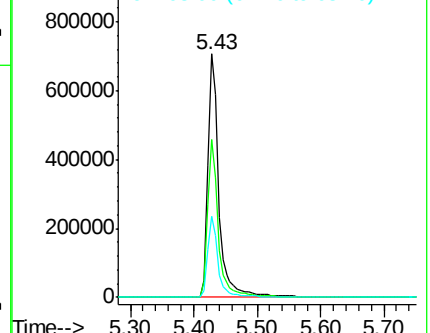
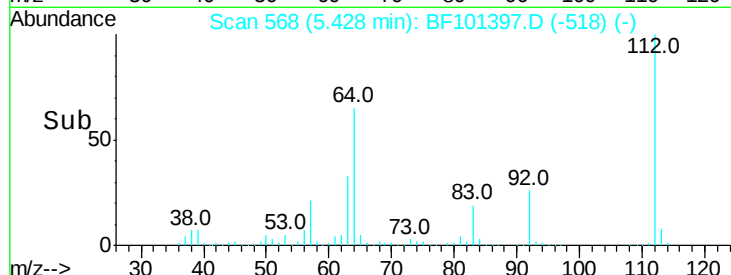
63 33.3 23.7 35.5



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: 39.793 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF101397.D

Acq: 14 Dec 2017 17:03

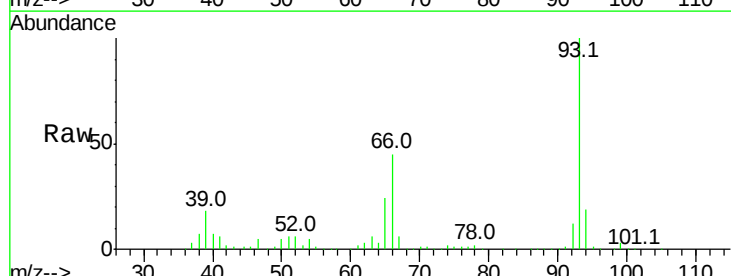
Tgt Ion: 93 Resp: 713063

Ion Ratio Lower Upper

93 100

66 45.3 32.2 48.2

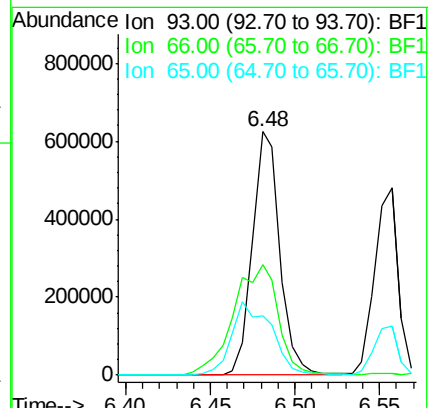
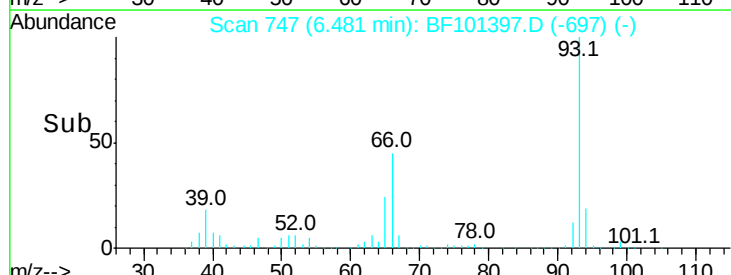
65 24.3 16.4 24.6

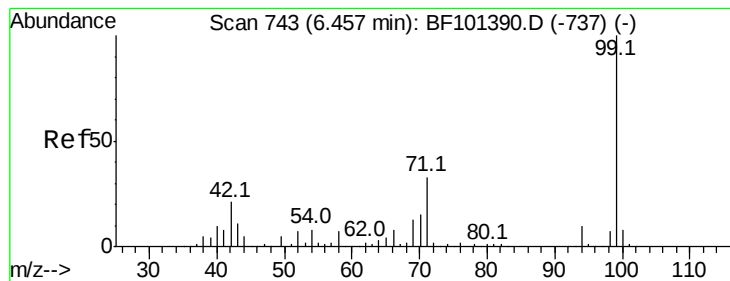


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 78.016 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.00 min

Lab File: BF101397.D

Acq: 14 Dec 2017 17:03

Instrument :

BNA_F

ClientSampled :

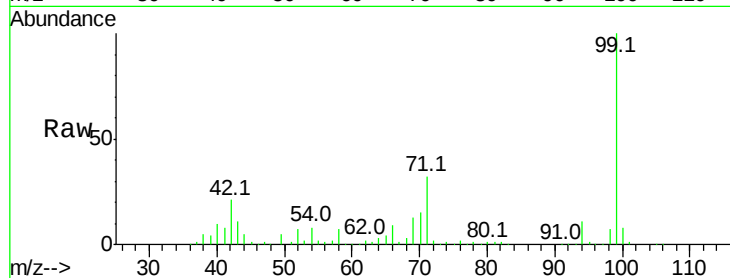
Tot Ion: 99 Resp: 1005992

Ion Ratio Lower Upper

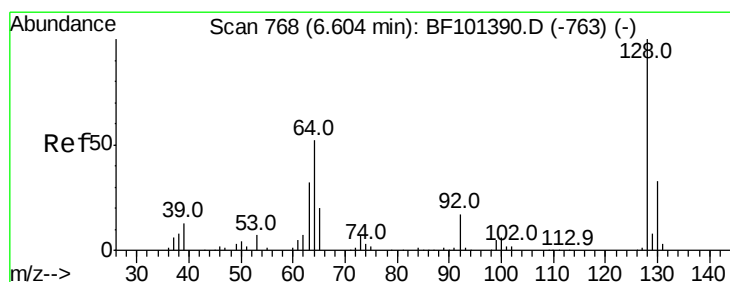
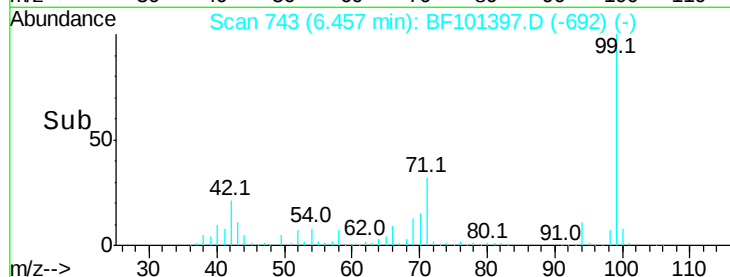
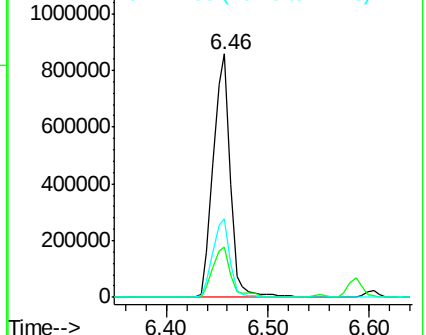
99 100

42 20.9 14.5 21.7

71 32.4 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: 39.310 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.00 min

Lab File: BF101397.D

Acq: 14 Dec 2017 17:03

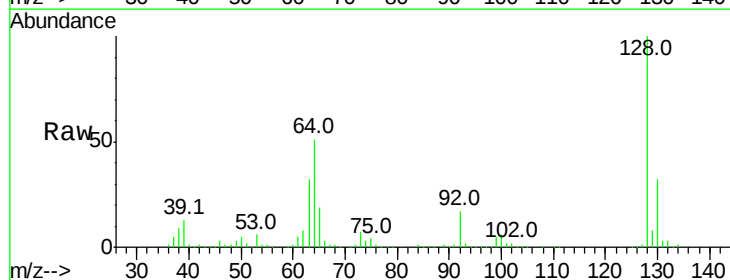
Tgt Ion: 128 Resp: 428449

Ion Ratio Lower Upper

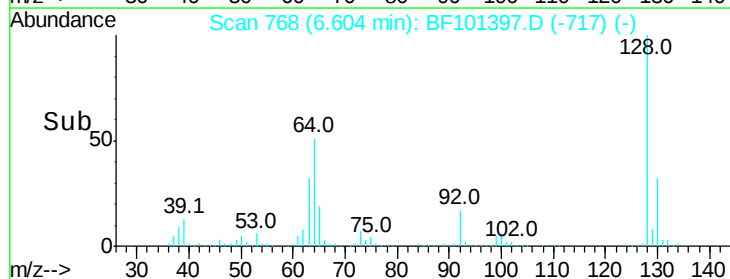
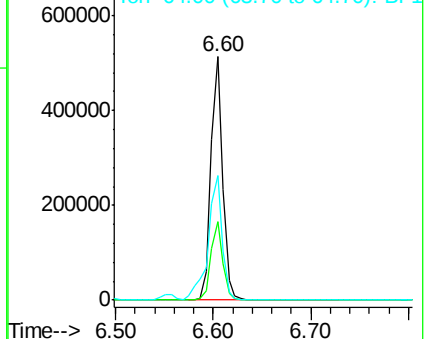
128 100

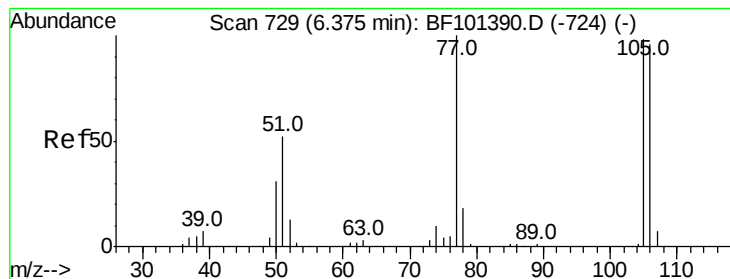
130 32.3 13.0 53.0

64 51.2 29.4 69.4



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





#9

Benzaldehyde

Concen: 40.176 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF101397.D

Acq: 14 Dec 2017 17:03

Instrument :

BNA_F

ClientSampled :

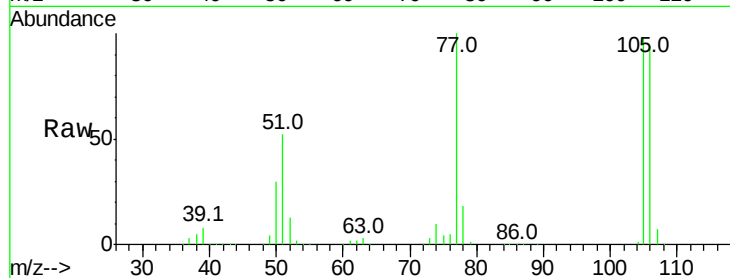
Tot Ion: 77 Resp: 382599

Ion Ratio Lower Upper

77 100

105 98.4 81.1 121.1

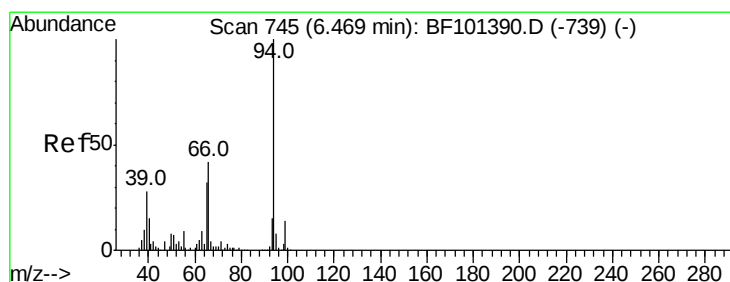
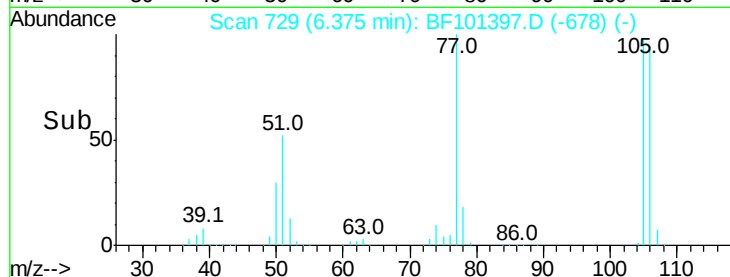
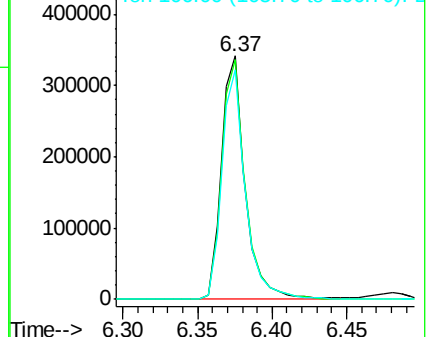
106 94.3 74.5 114.5



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: 39.885 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.00 min

Lab File: BF101397.D

Acq: 14 Dec 2017 17:03

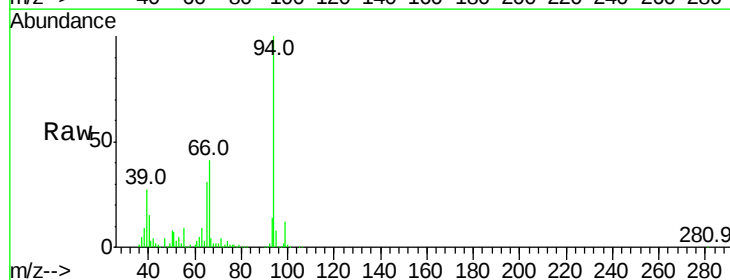
Tgt Ion: 94 Resp: 586189

Ion Ratio Lower Upper

94 100

65 31.2 7.9 47.9

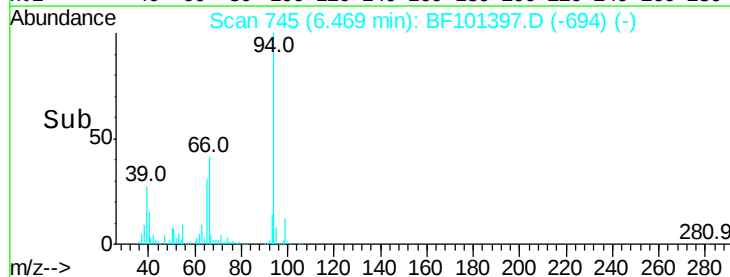
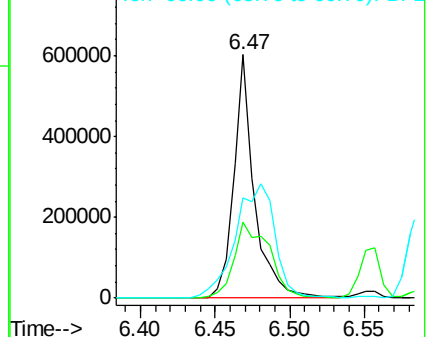
66 41.4 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

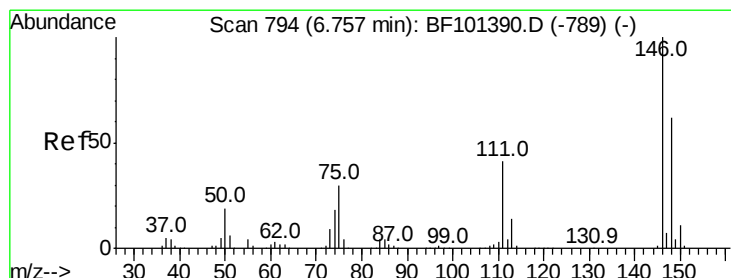
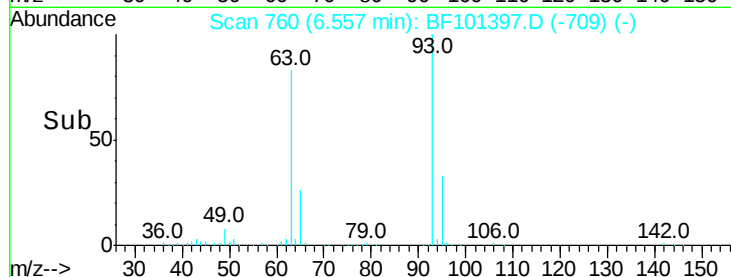
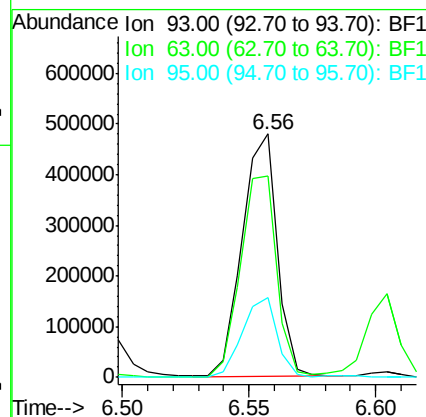
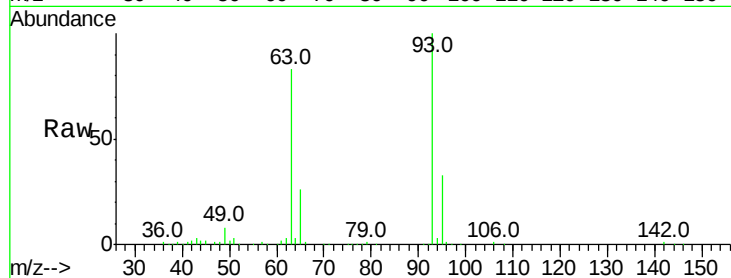




#11
bis(2-Chloroethyl)ether
Concen: 39.857 ng
RT: 6.56 min Scan# 760
Delta R.T. -0.00 min
Lab File: BF101397.D
Acq: 14 Dec 2017 17:03

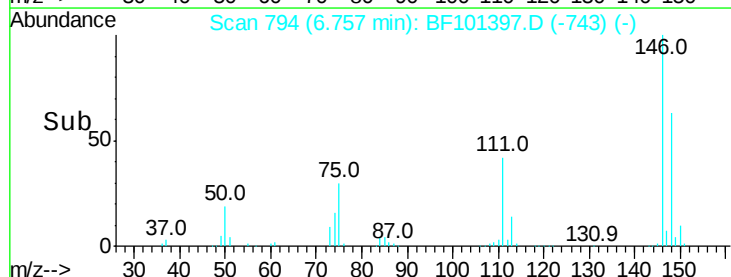
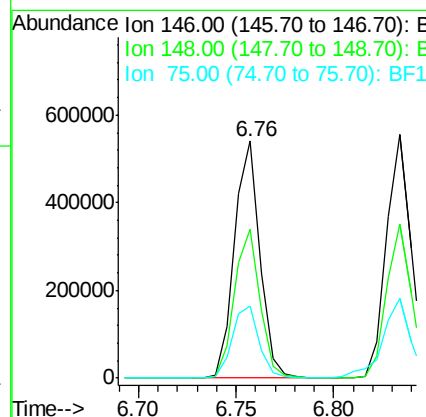
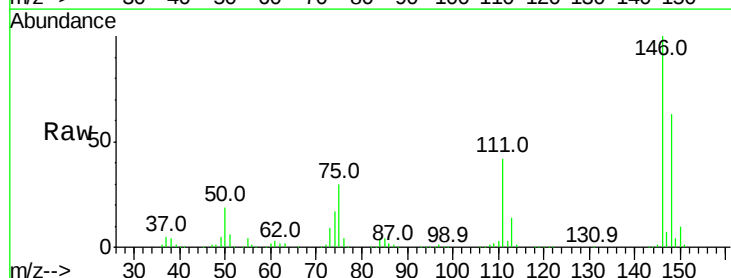
Instrument :
BNA_F
ClientSampleId :

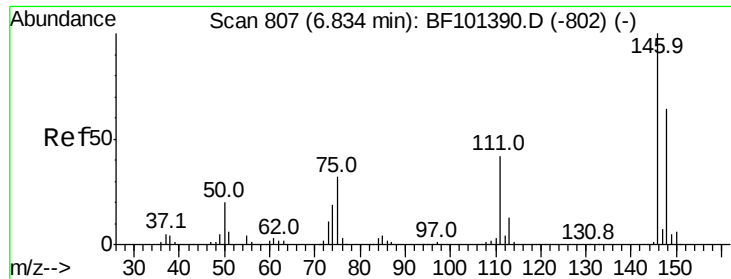
Tot Ion: 93 Resp: 459484
Ion Ratio Lower Upper
93 100
63 82.7 58.6 98.6
95 32.6 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 39.849 ng
RT: 6.76 min Scan# 794
Delta R.T. -0.00 min
Lab File: BF101397.D
Acq: 14 Dec 2017 17:03

Tgt Ion: 146 Resp: 490180
Ion Ratio Lower Upper
146 100
148 63.0 51.8 77.8
75 30.3 24.2 36.4

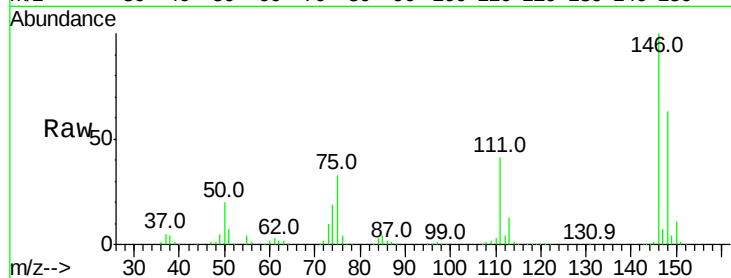




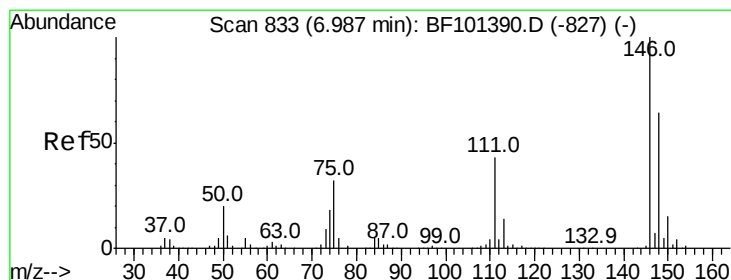
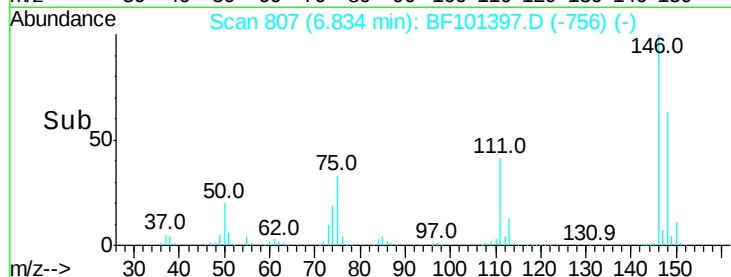
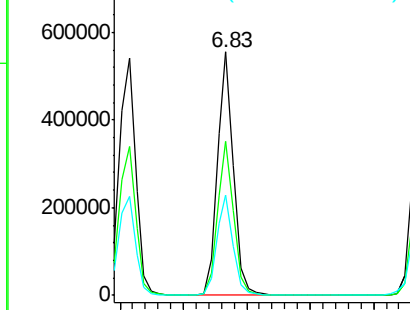
#13
 1,4-Dichlorobenzene
 Concen: 39.502 ng
 RT: 6.83 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: BF101397.D
 Acq: 14 Dec 2017 17:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 496208
 Ion Ratio Lower Upper
 146 100
 148 63.3 50.8 76.2
 111 41.2 34.2 51.2

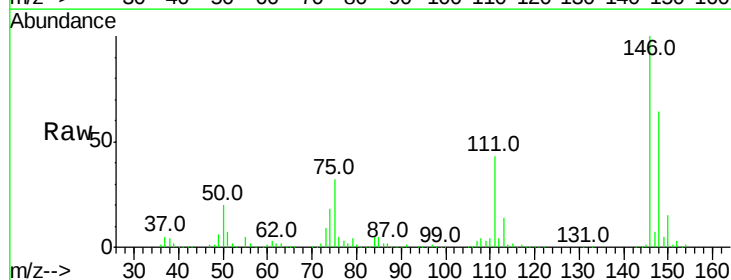


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

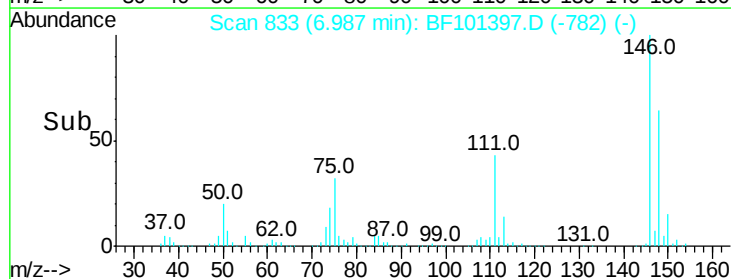
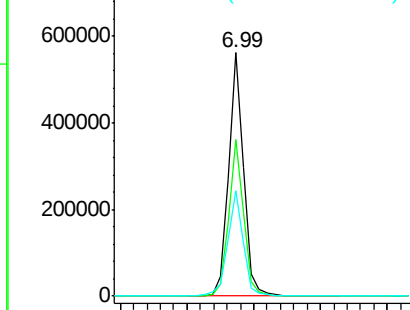


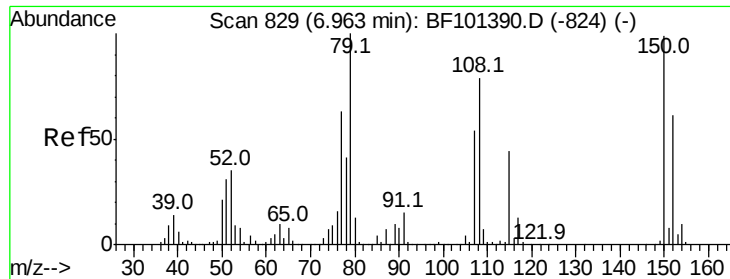
#14
 1,2-Dichlorobenzene
 Concen: 39.355 ng
 RT: 6.99 min Scan# 833
 Delta R.T. -0.00 min
 Lab File: BF101397.D
 Acq: 14 Dec 2017 17:03

Tgt Ion:146 Resp: 444981
 Ion Ratio Lower Upper
 146 100
 148 64.2 50.6 75.8
 111 43.4 36.0 54.0



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

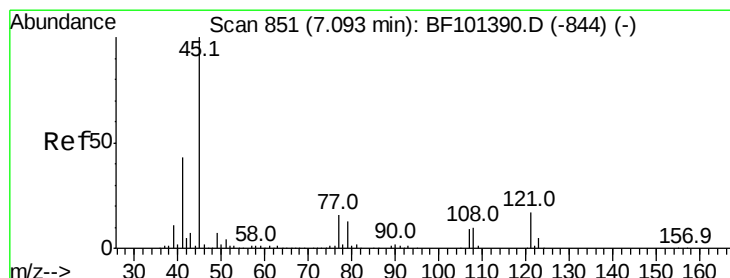
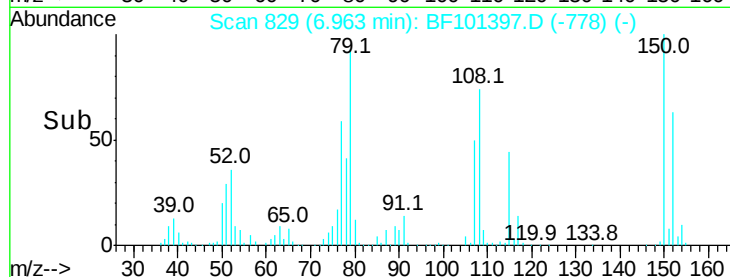
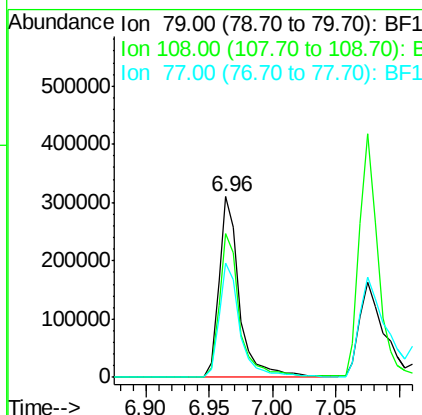
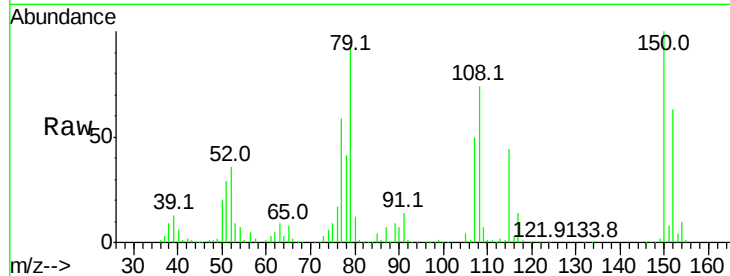




#15
Benzyl Alcohol
Concen: 39.603 ng
RT: 6.96 min Scan# 829
Delta R.T. -0.00 min
Lab File: BF101397.D
Acq: 14 Dec 2017 17:03

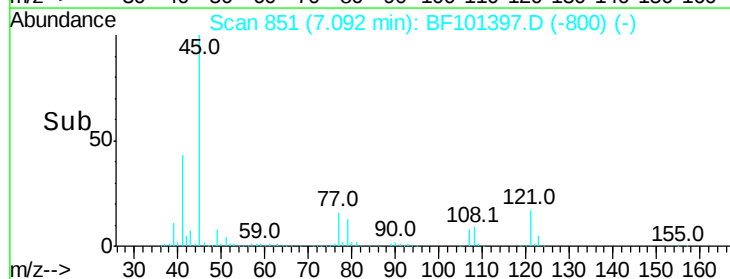
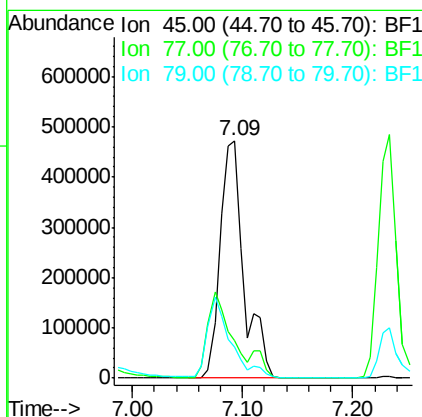
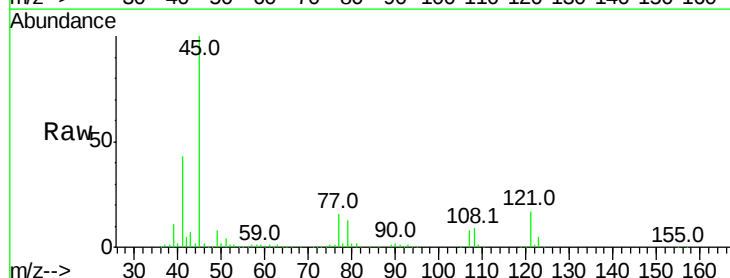
Instrument :
BNA_F
ClientSampleId :

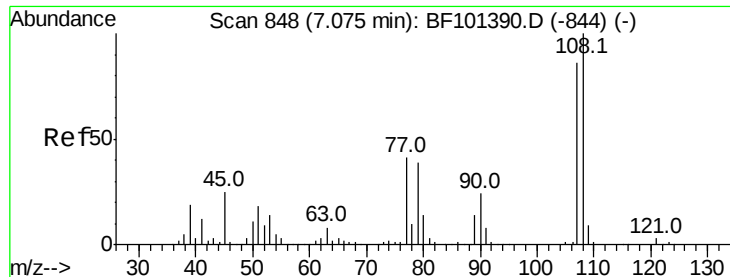
Tot Ion: 79 Resp: 351495
Ion Ratio Lower Upper
79 100
108 79.3 65.1 97.7
77 63.2 50.6 75.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 40.399 ng
RT: 7.09 min Scan# 851
Delta R.T. -0.00 min
Lab File: BF101397.D
Acq: 14 Dec 2017 17:03

Tgt Ion: 45 Resp: 712776
Ion Ratio Lower Upper
45 100
77 15.6 0.0 32.9
79 13.0 0.0 29.6





#17

2-Methylphenol

Concen: 38.608 ng

RT: 7.07 min Scan# 848

Delta R.T. -0.00 min

Lab File: BF101397.D

Acq: 14 Dec 2017 17:03

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 387074

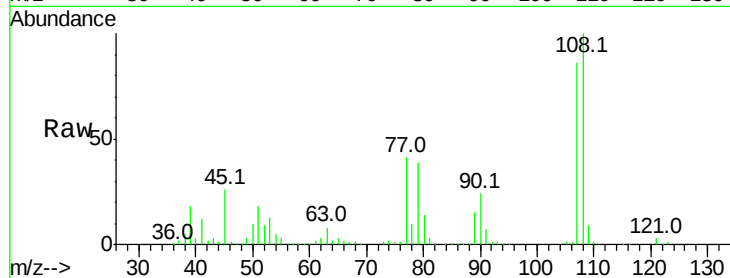
Ion Ratio Lower Upper

107 100

108 116.6 91.7 137.5

77 48.1 33.8 50.8

79 45.3 33.8 50.8

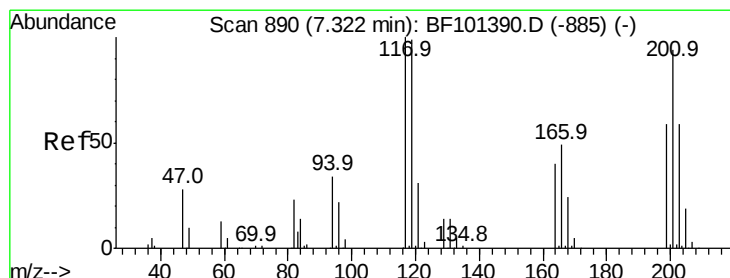
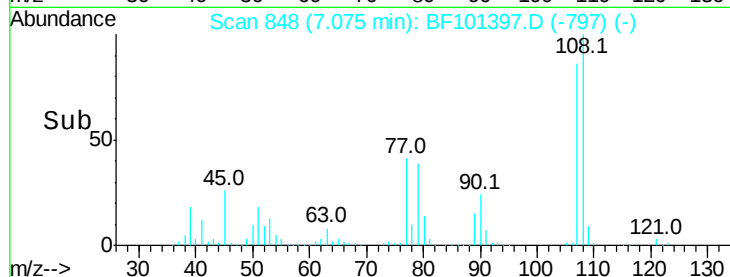
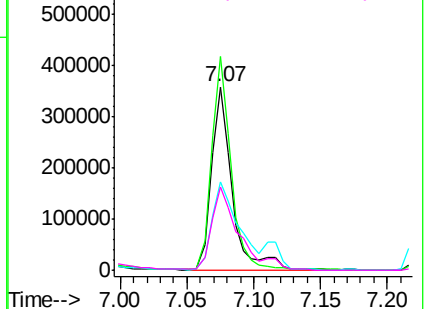


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 39.565 ng

RT: 7.32 min Scan# 890

Delta R.T. -0.00 min

Lab File: BF101397.D

Acq: 14 Dec 2017 17:03

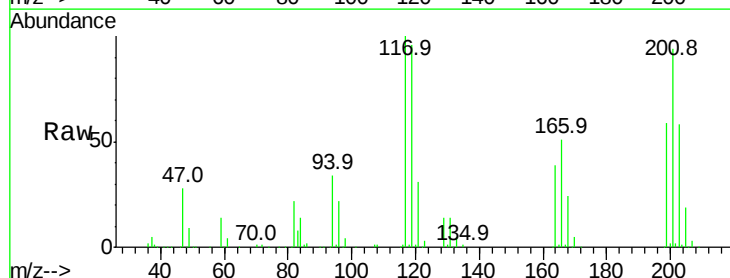
Tgt Ion:117 Resp: 172797

Ion Ratio Lower Upper

117 100

119 96.2 75.8 113.8

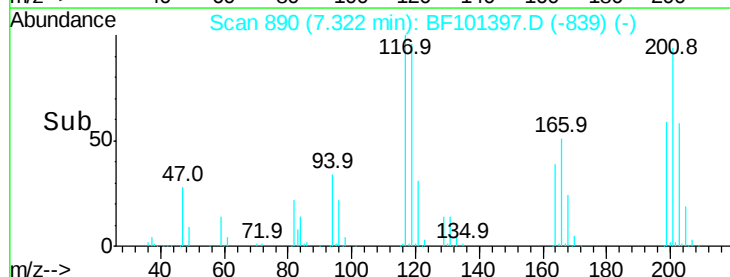
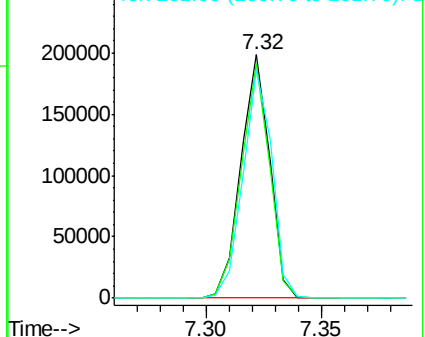
201 94.0 75.7 113.5

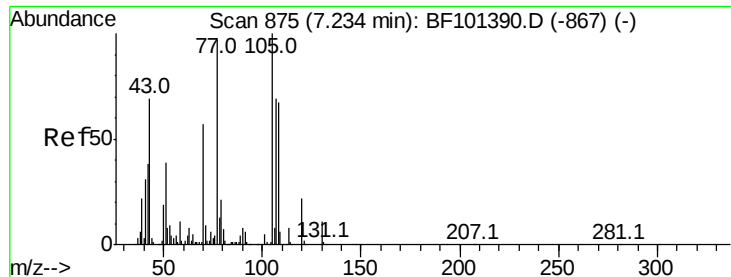


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

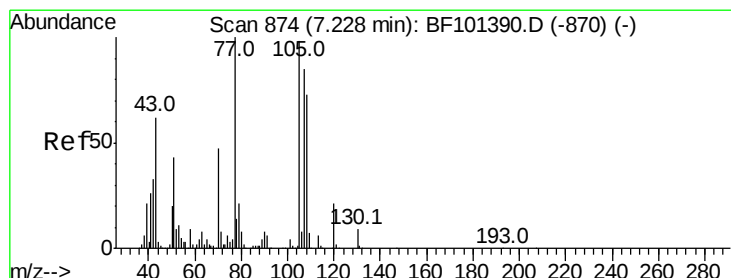
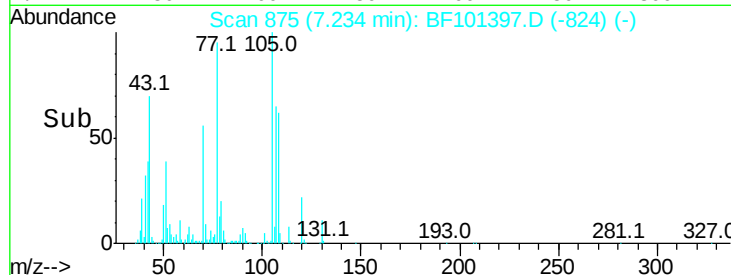
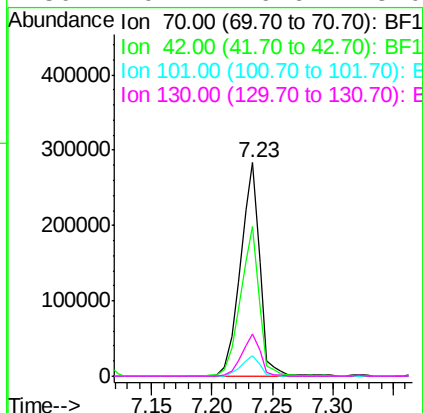
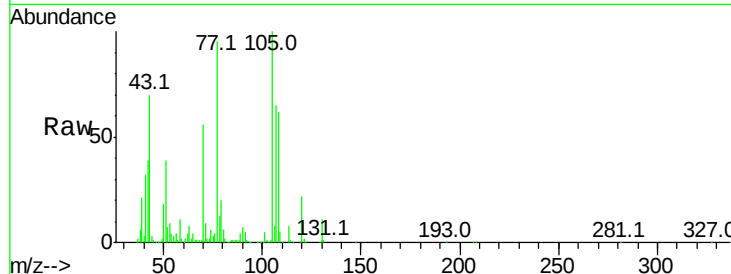




#19
n-Nitroso-di-n-propylamine
Concen: 37.402 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.00 min
Lab File: BF101397.D
Acq: 14 Dec 2017 17:03

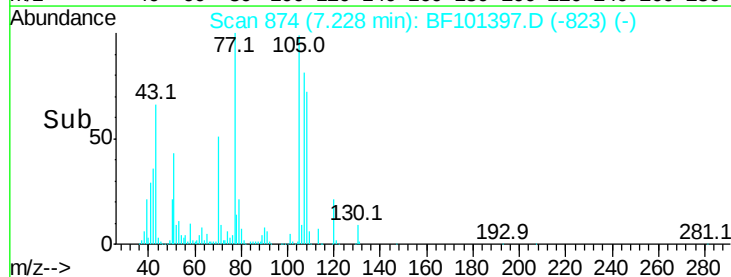
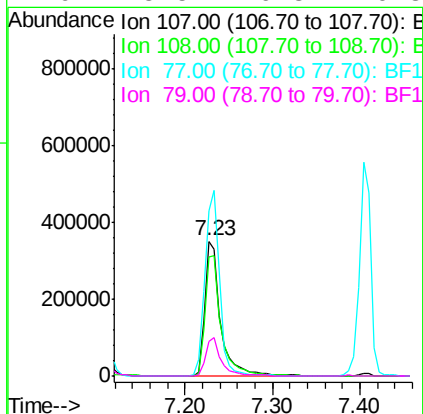
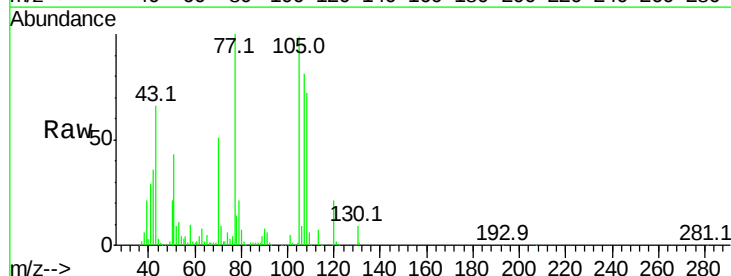
Instrument :
BNA_F
ClientSampleId :

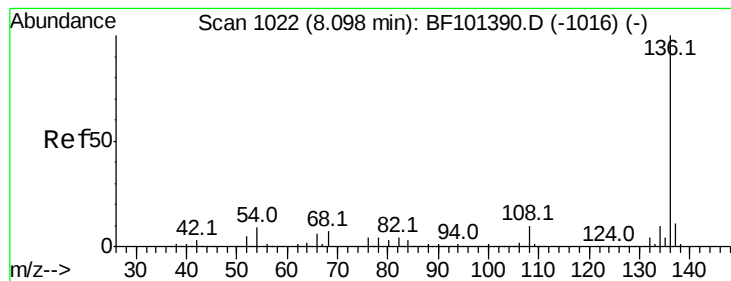
Tot Ion: 70 Resp: 316725
Ion Ratio Lower Upper
70 100
42 70.2 47.5 71.3
101 9.4 7.4 11.2
130 19.7 16.6 25.0



#20
3+4-Methylphenols
Concen: 40.569 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.00 min
Lab File: BF101397.D
Acq: 14 Dec 2017 17:03

Tgt Ion: 107 Resp: 431008
Ion Ratio Lower Upper
107 100
108 88.7 68.2 108.2
77 122.9 26.7 66.7#
79 25.5 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: BF101397.D

Acq: 14 Dec 2017 17:03

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 639762

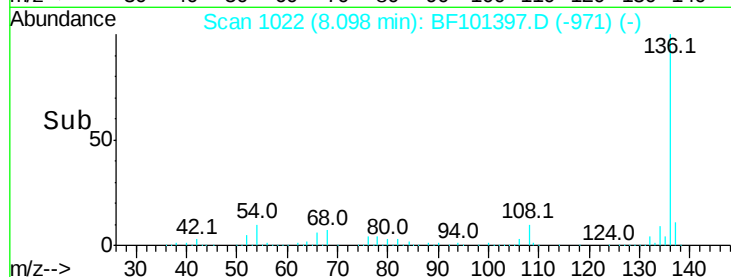
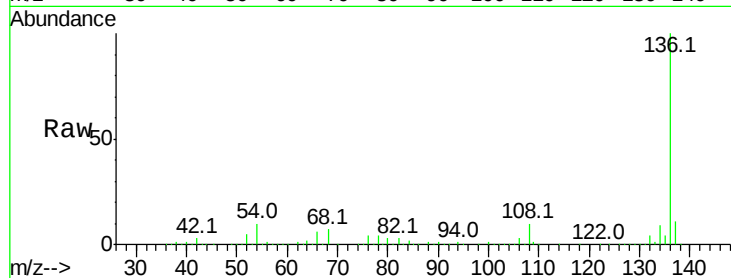
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 9.6 6.6 9.8

68 6.8 5.0 7.4

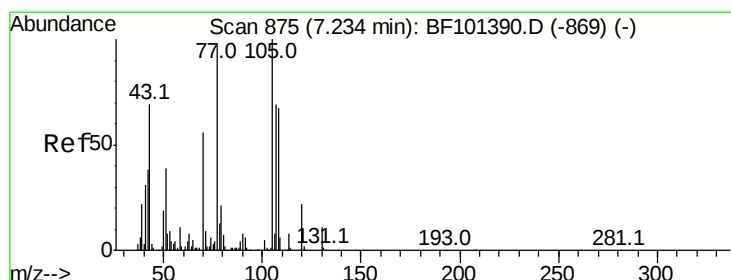
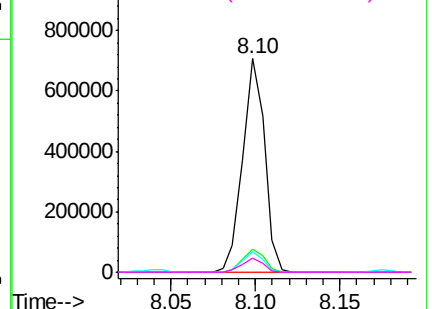


Abundance Ion 136.00 (135.70 to 136.70): E

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: 38.851 ng

RT: 7.23 min Scan# 875

Delta R.T. -0.00 min

Lab File: BF101397.D

Acq: 14 Dec 2017 17:03

Tgt Ion:105 Resp: 567144

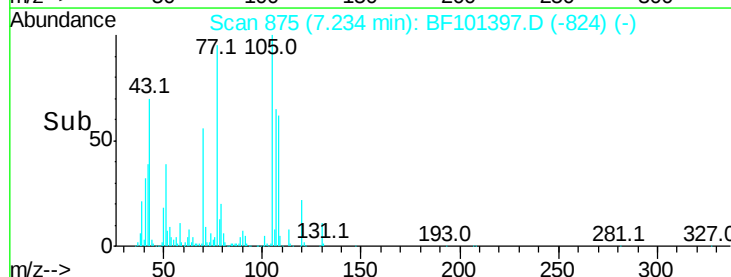
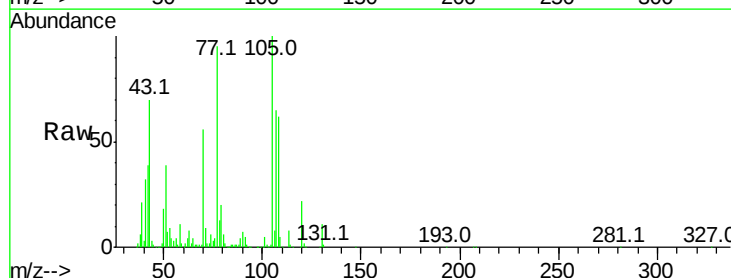
Ion Ratio Lower Upper

105 100

71 9.4 4.4 6.6#

51 39.4 22.3 33.5#

120 21.5 16.9 25.3

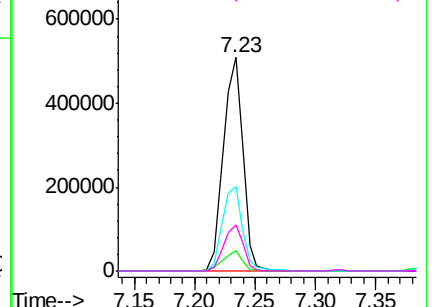


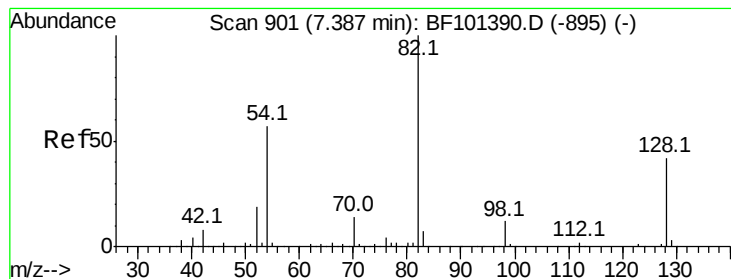
Abundance Ion 105.00 (104.70 to 105.70): E

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: 80.264 ng

RT: 7.39 min Scan# 901

Delta R.T. -0.00 min

Lab File: BF101397.D

Acq: 14 Dec 2017 17:03

Instrument :

BNA_F

ClientSampled :

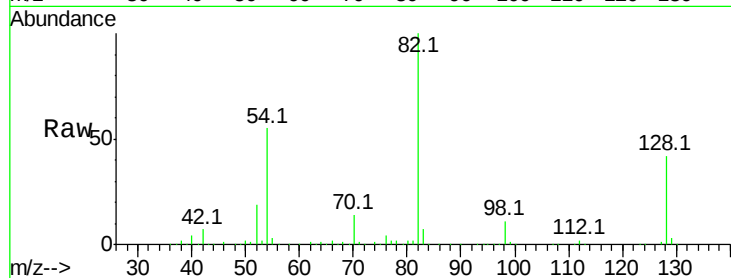
Tot Ion: 82 Resp: 922462

Ion Ratio Lower Upper

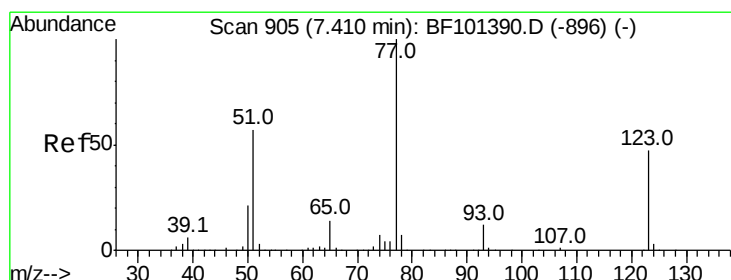
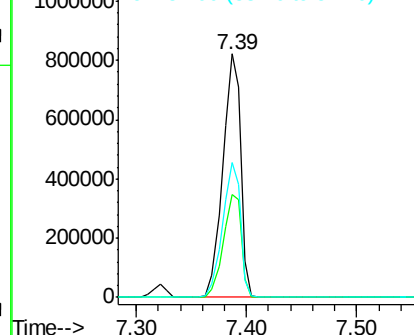
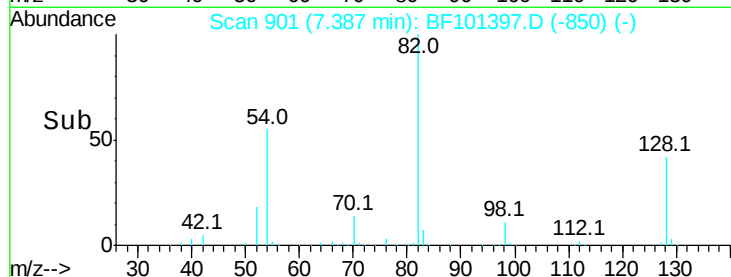
82 100

128 42.3 36.1 54.1

54 55.5 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: 39.505 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.01 min

Lab File: BF101397.D

Acq: 14 Dec 2017 17:03

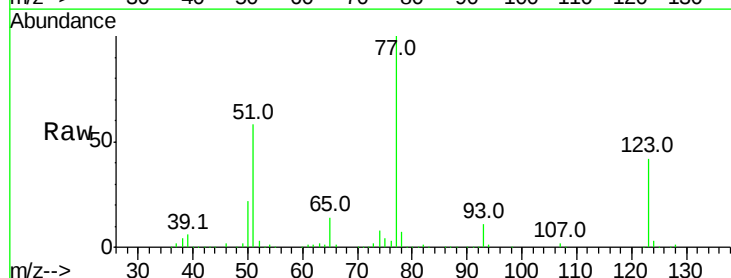
Tgt Ion: 77 Resp: 502499

Ion Ratio Lower Upper

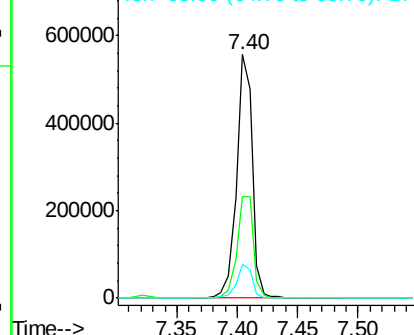
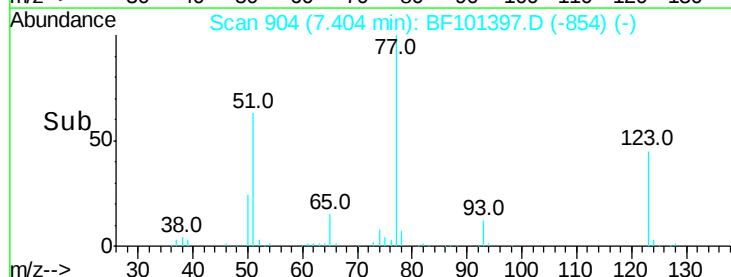
77 100

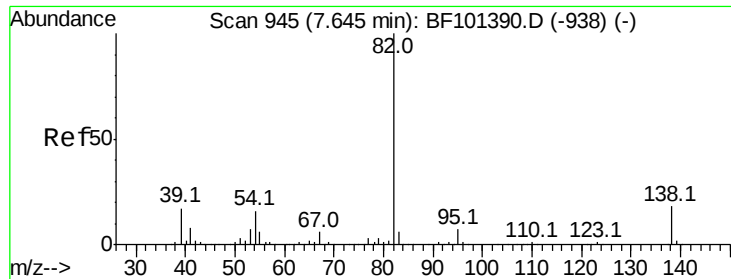
123 42.0 37.9 56.9

65 13.9 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: 38.330 ng

RT: 7.65 min Scan# 945

Delta R.T. -0.00 min

Lab File: BF101397.D

Acq: 14 Dec 2017 17:03

Instrument :

BNA_F

ClientSampled :

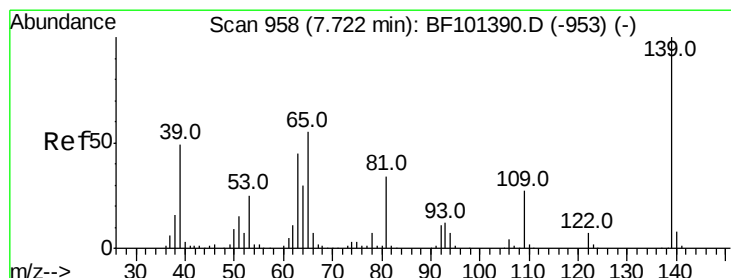
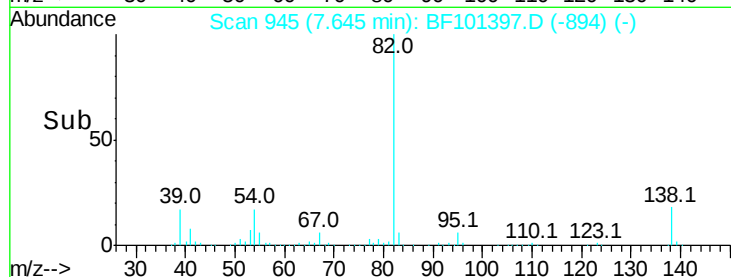
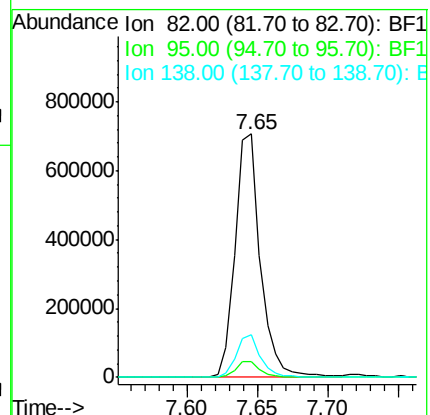
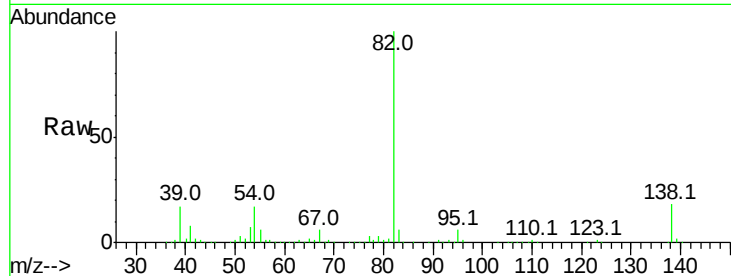
Tot Ion: 82 Resp: 883715

Ion Ratio Lower Upper

82 100

95 6.4 5.2 7.8

138 17.7 14.9 22.3



#26

2-Nitrophenol

Concen: 41.493 ng

RT: 7.72 min Scan# 958

Delta R.T. -0.00 min

Lab File: BF101397.D

Acq: 14 Dec 2017 17:03

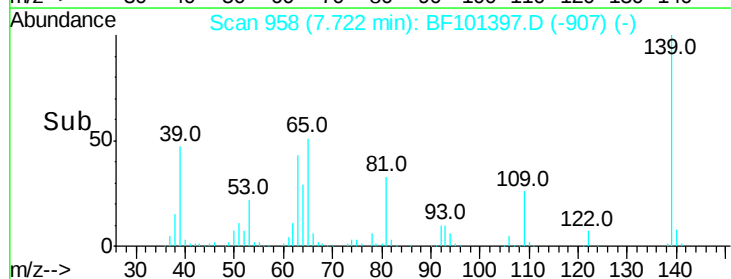
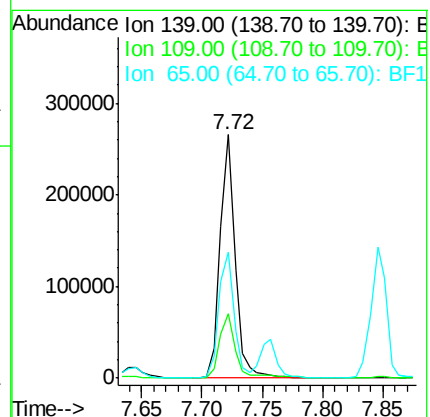
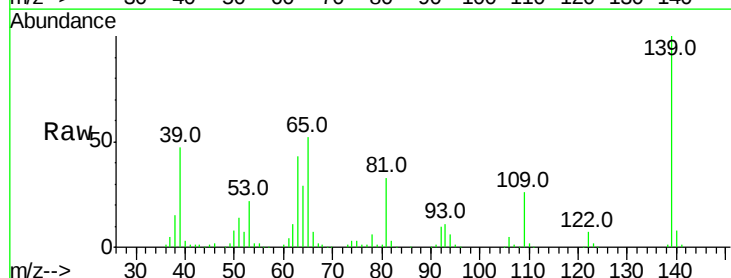
Tgt Ion: 139 Resp: 226747

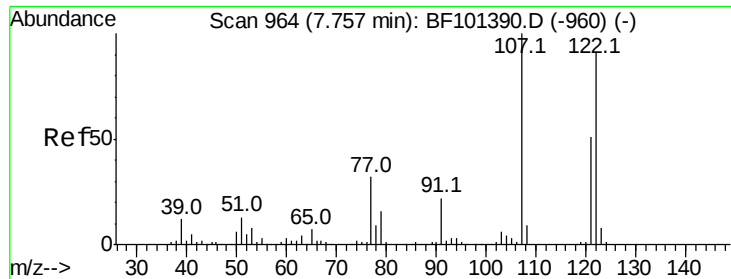
Ion Ratio Lower Upper

139 100

109 26.4 22.7 34.1

65 51.7 40.5 60.7

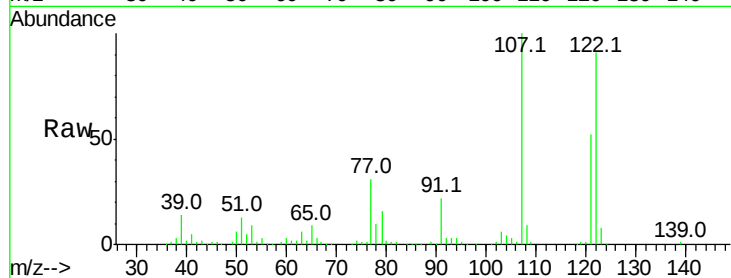




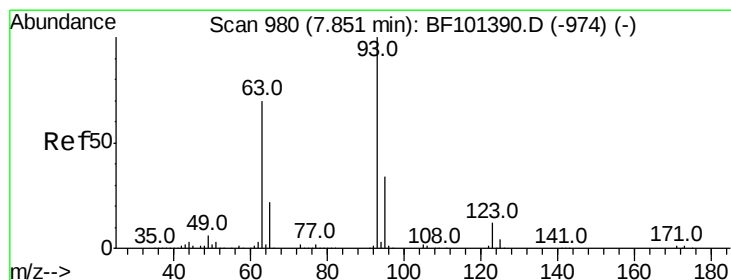
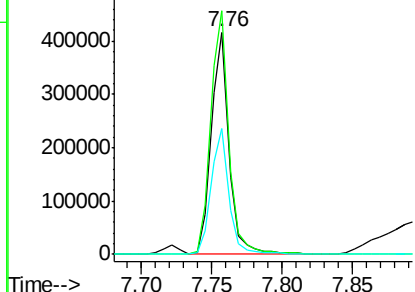
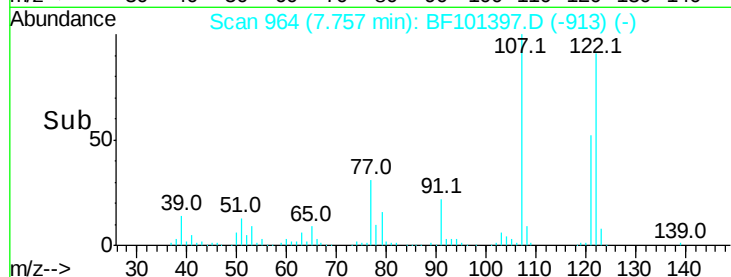
#27
2,4-Dimethylphenol
Concen: 38.564 ng
RT: 7.76 min Scan# 964
Delta R.T. -0.00 min
Lab File: BF101397.D
Acq: 14 Dec 2017 17:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:122 Resp: 358016
Ion Ratio Lower Upper
122 100
107 109.6 91.2 136.8
121 56.9 47.2 70.8

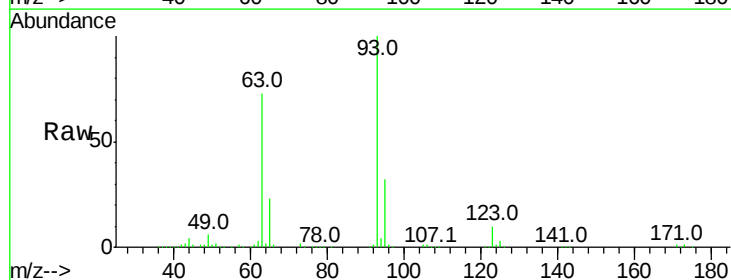


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

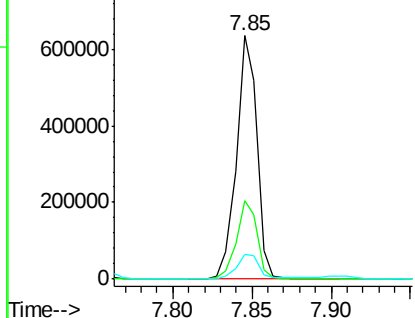
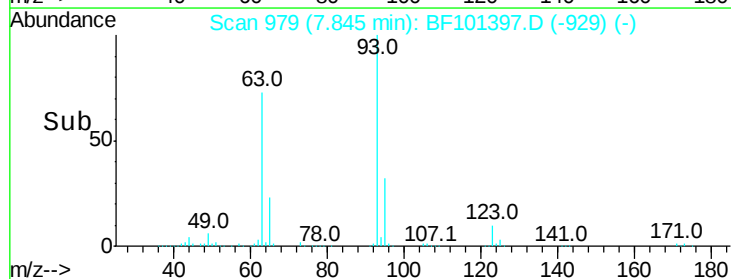


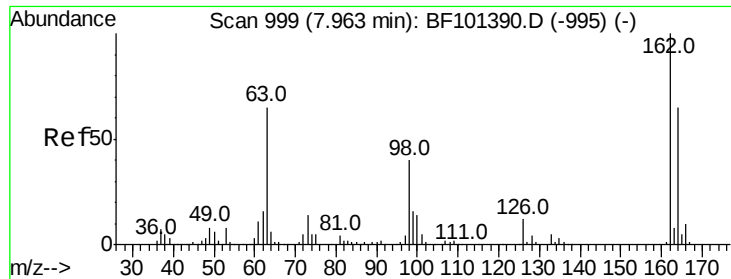
#28
bis(2-Chloroethoxy)methane
Concen: 38.845 ng
RT: 7.85 min Scan# 979
Delta R.T. -0.01 min
Lab File: BF101397.D
Acq: 14 Dec 2017 17:03

Tgt Ion: 93 Resp: 568905
Ion Ratio Lower Upper
93 100
95 32.3 26.3 39.5
123 10.2 9.8 14.6



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

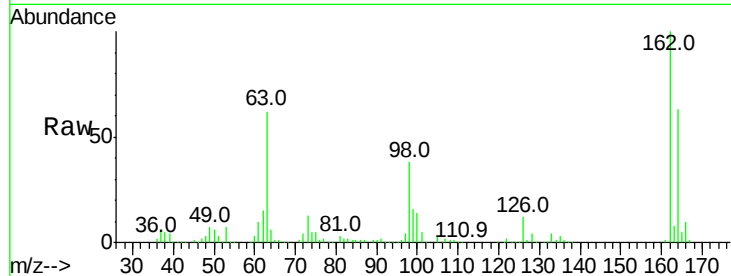




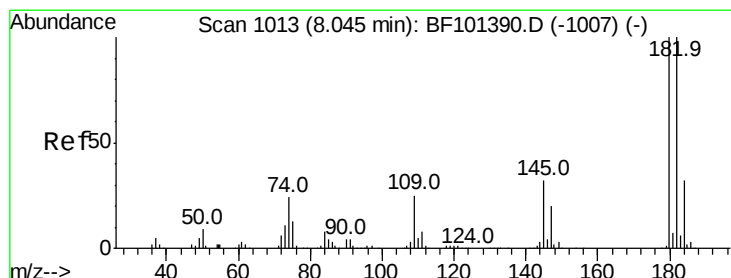
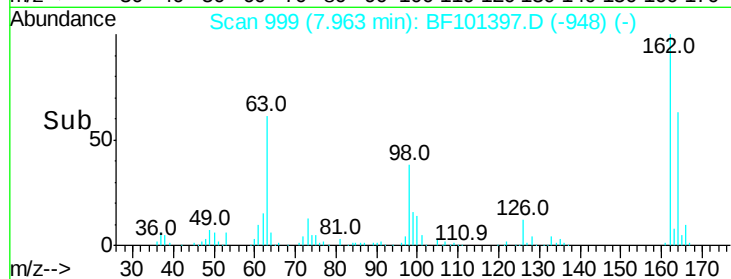
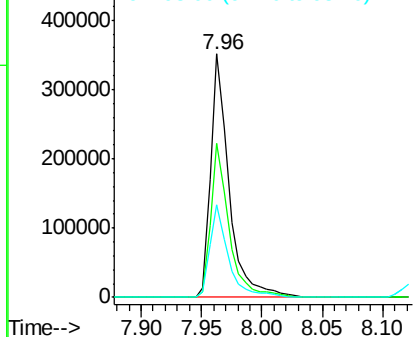
#29
 2,4-Dichlorophenol
 Concen: 40.045 ng
 RT: 7.96 min Scan# 999
 Delta R.T. -0.00 min
 Lab File: BF101397.D
 Acq: 14 Dec 2017 17:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.3	42.7	82.7
98	38.3	18.1	58.1

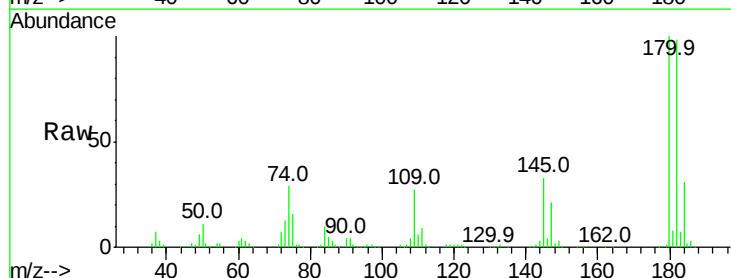


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

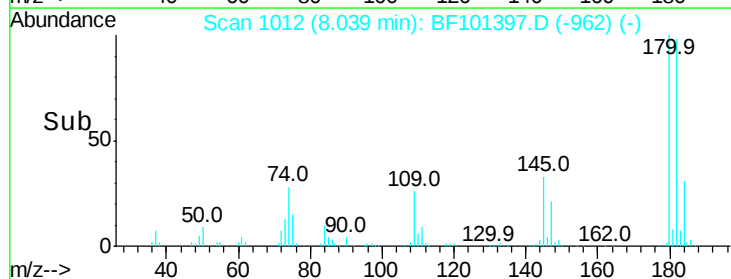
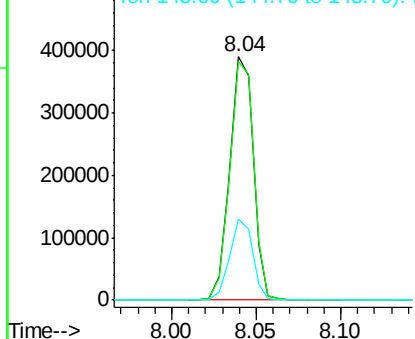


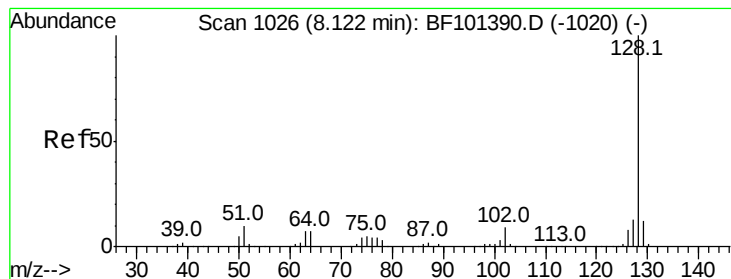
#30
 1,2,4-Trichlorobenzene
 Concen: 39.030 ng
 RT: 8.04 min Scan# 1012
 Delta R.T. -0.01 min
 Lab File: BF101397.D
 Acq: 14 Dec 2017 17:03

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.1	76.8	115.2
145	33.2	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: 38.330 ng

RT: 8.12 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BF101397.D

Acq: 14 Dec 2017 17:03

Instrument :

BNA_F

ClientSampleId :

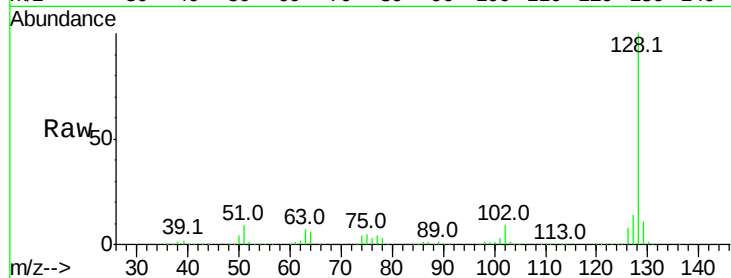
Tot Ion:128 Resp: 1234540

Ion Ratio Lower Upper

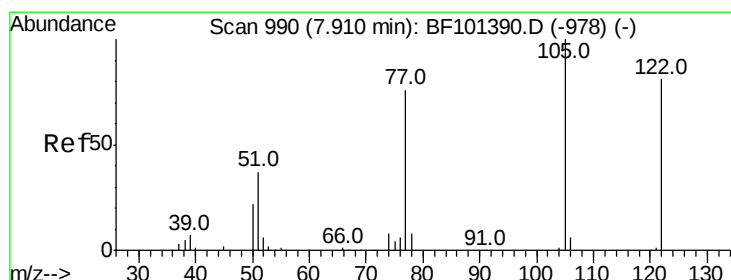
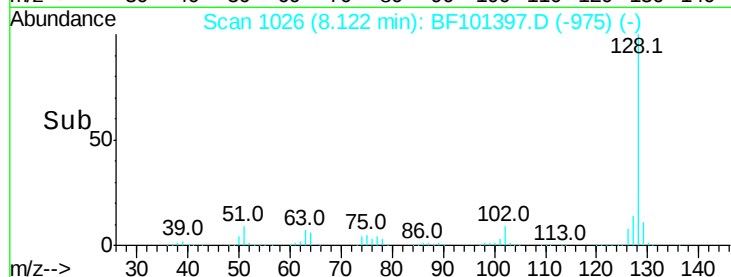
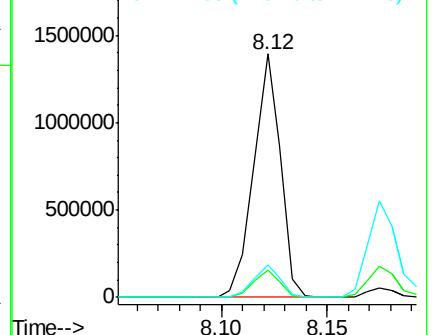
128 100

129 11.2 8.8 13.2

127 13.5 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: 36.427 ng

RT: 7.91 min Scan# 990

Delta R.T. 0.00 min

Lab File: BF101397.D

Acq: 14 Dec 2017 17:03

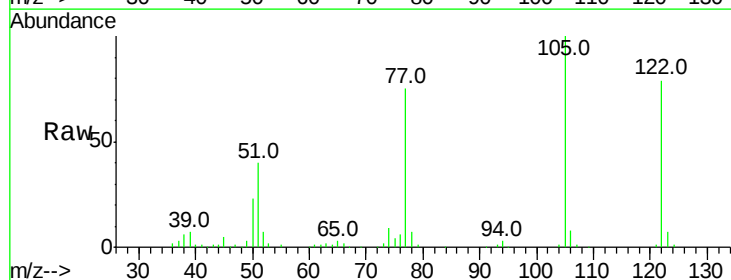
Tgt Ion:122 Resp: 213471

Ion Ratio Lower Upper

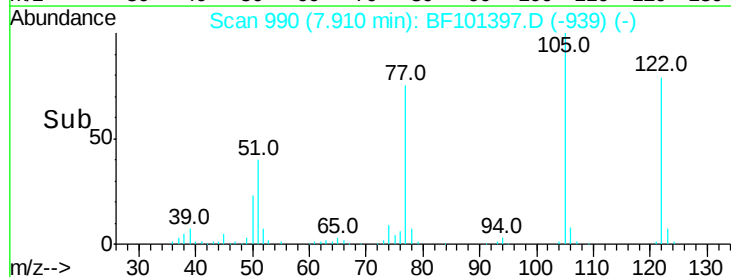
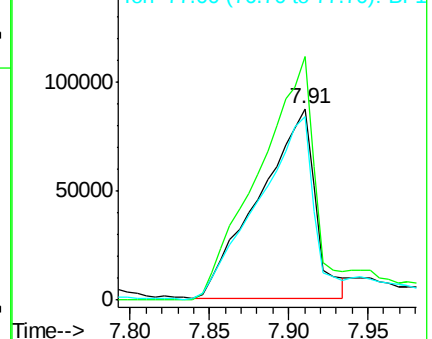
122 100

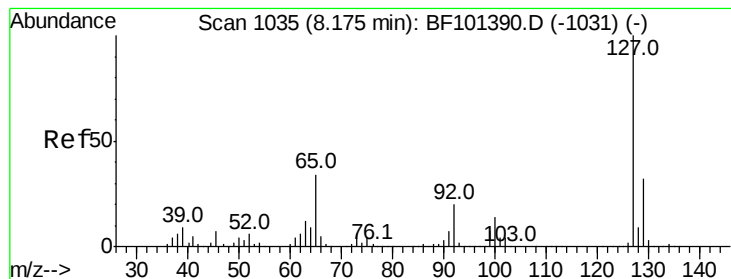
105 127.2 101.1 141.1

77 95.5 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: 38.549 ng

RT: 8.17 min Scan# 1035

Delta R.T. -0.00 min

Lab File: BF101397.D

Acq: 14 Dec 2017 17:03

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 539632

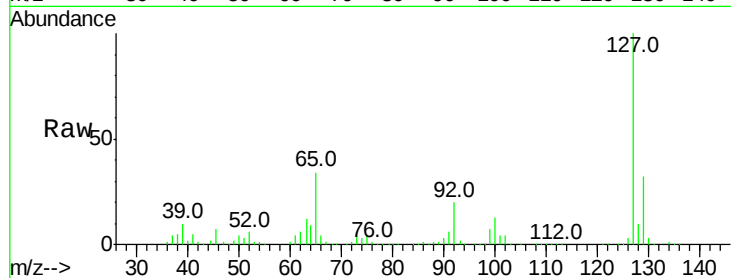
Ion Ratio Lower Upper

127 100

129 32.2 25.9 38.9

65 33.8 25.0 37.4

92 19.6 15.2 22.8

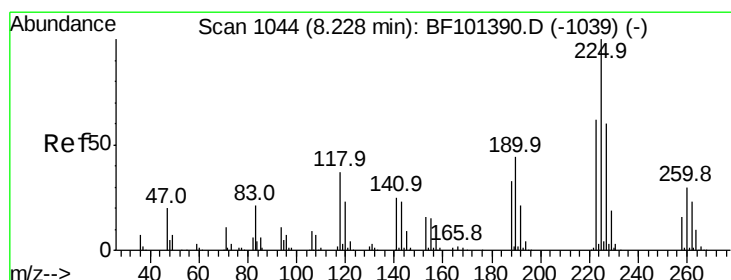
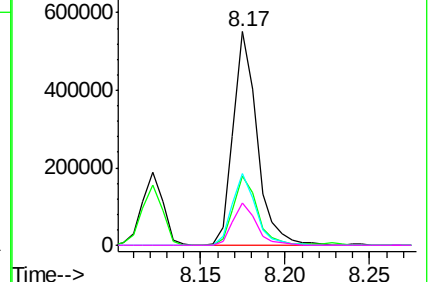
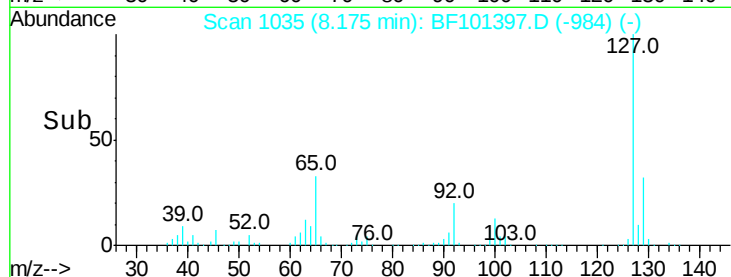


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 38.943 ng

RT: 8.23 min Scan# 1044

Delta R.T. -0.00 min

Lab File: BF101397.D

Acq: 14 Dec 2017 17:03

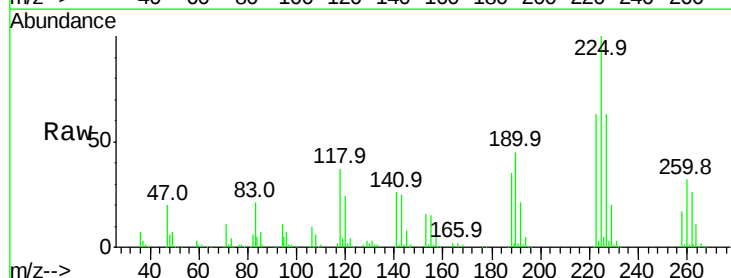
Tgt Ion:225 Resp: 218007

Ion Ratio Lower Upper

225 100

223 63.2 50.6 76.0

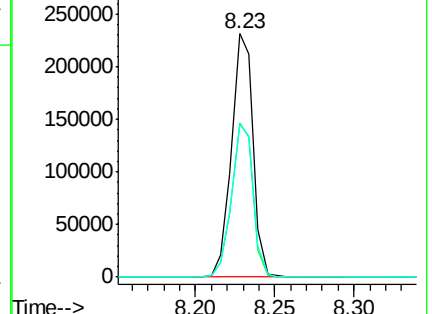
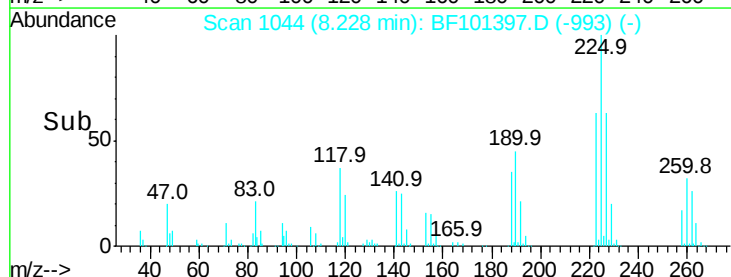
227 62.6 51.9 77.9

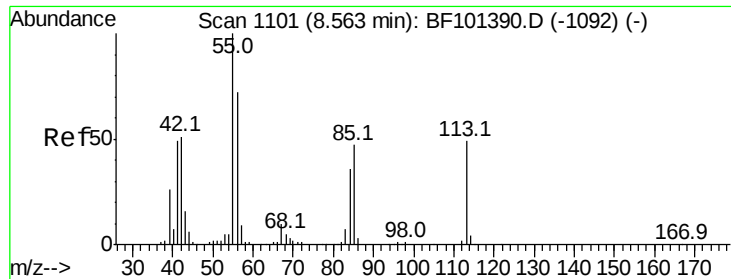


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 39.769 ng

RT: 8.56 min Scan# 1101

Delta R.T. 0.00 min

Lab File: BF101397.D

Acq: 14 Dec 2017 17:03

Instrument :

BNA_F

ClientSampled :

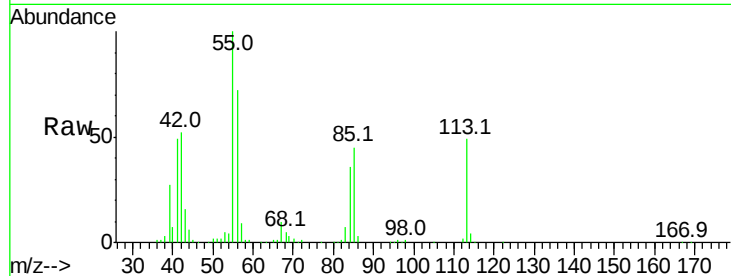
Tot Ion:113 Resp: 126654

Ion Ratio Lower Upper

113 100

55 204.0 163.3 203.3#

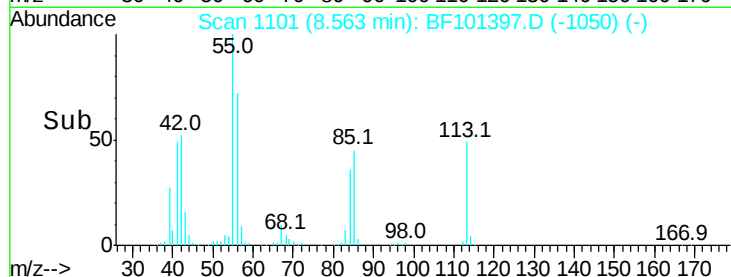
56 147.8 115.7 155.7



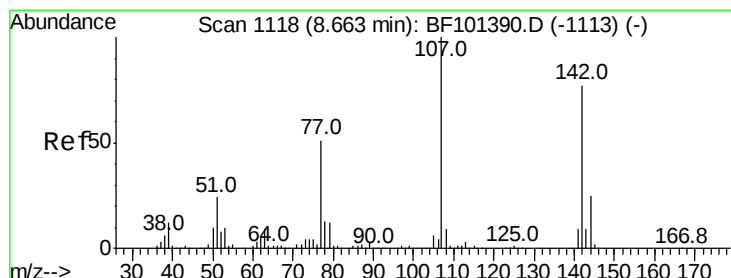
Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



Time-->



#36

4-Chloro-3-methylphenol

Concen: 39.618 ng

RT: 8.66 min Scan# 1118

Delta R.T. -0.00 min

Lab File: BF101397.D

Acq: 14 Dec 2017 17:03

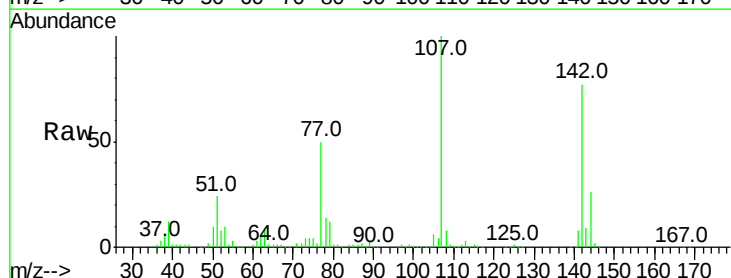
Tgt Ion:107 Resp: 399383

Ion Ratio Lower Upper

107 100

144 25.5 20.5 30.7

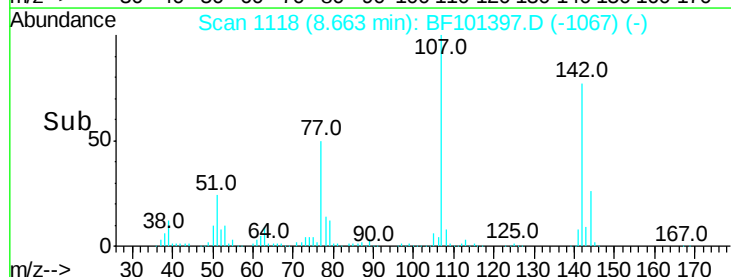
142 77.5 62.0 93.0



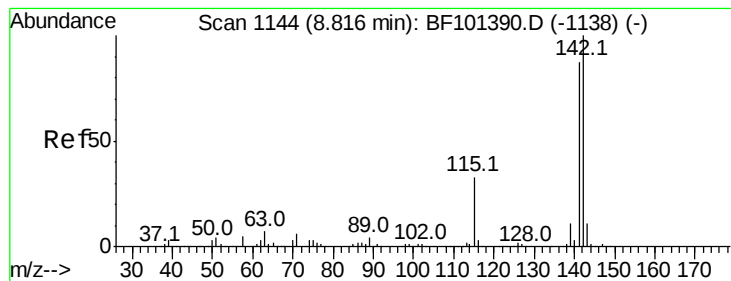
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



Time-->



#37

2-Methylnaphthalene

Concen: 38.242 ng

RT: 8.82 min Scan# 1144

Delta R.T. -0.00 min

Lab File: BF101397.D

Acq: 14 Dec 2017 17:03

Instrument :

BNA_F

ClientSampleId :

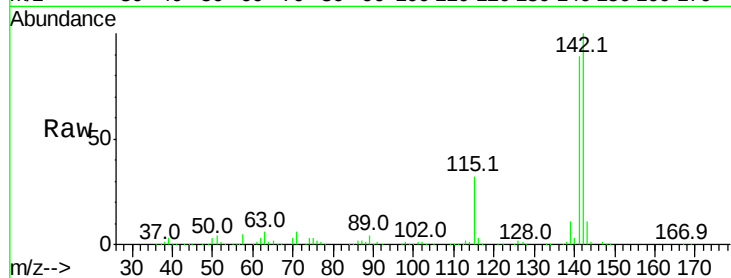
Tot Ion:142 Resp: 802474

Ion Ratio Lower Upper

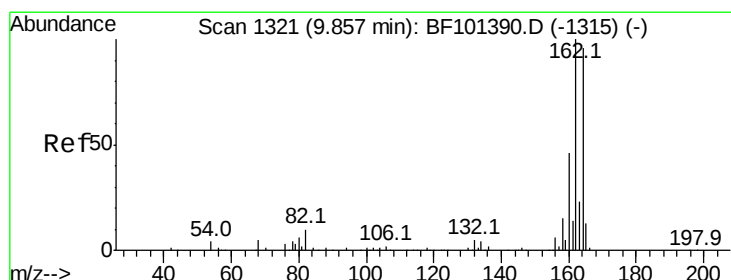
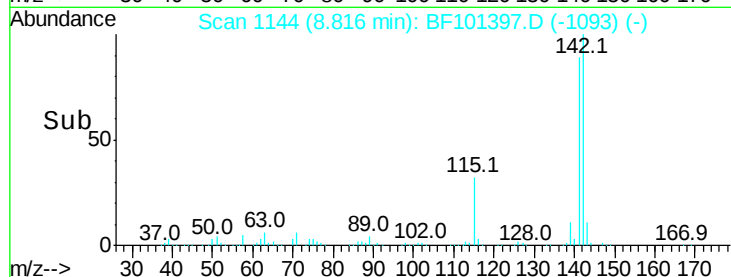
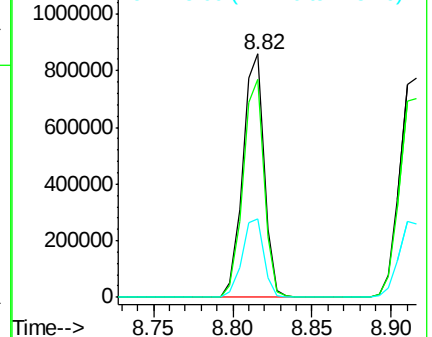
142 100

141 89.4 70.8 106.2

115 32.3 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: BF101397.D

Acq: 14 Dec 2017 17:03

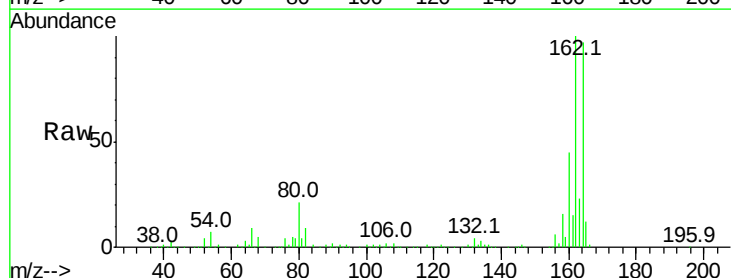
Tgt Ion:164 Resp: 292753

Ion Ratio Lower Upper

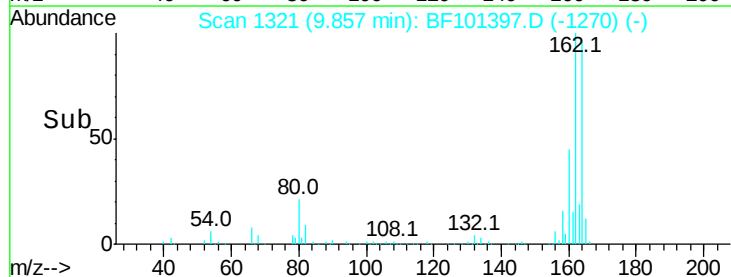
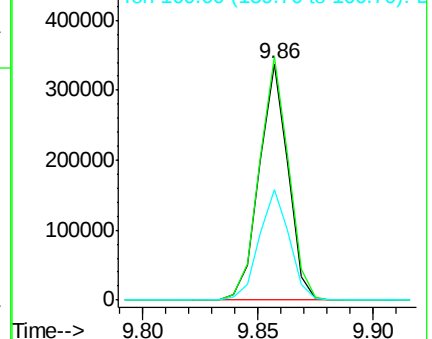
164 100

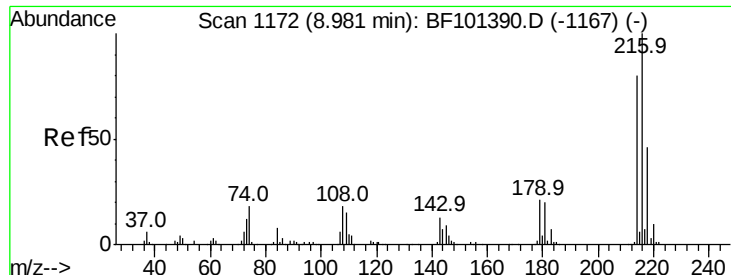
162 103.2 86.1 129.1

160 46.7 38.3 57.5



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

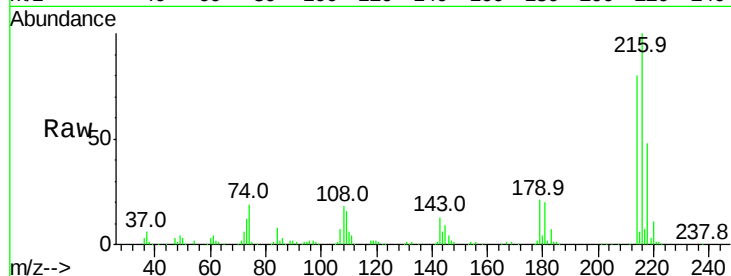




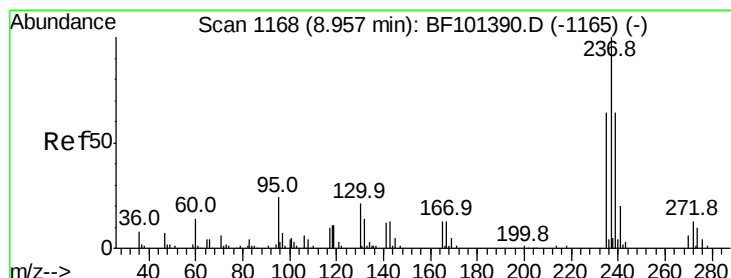
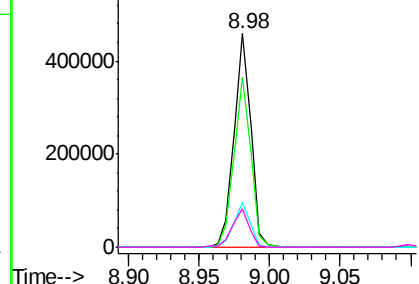
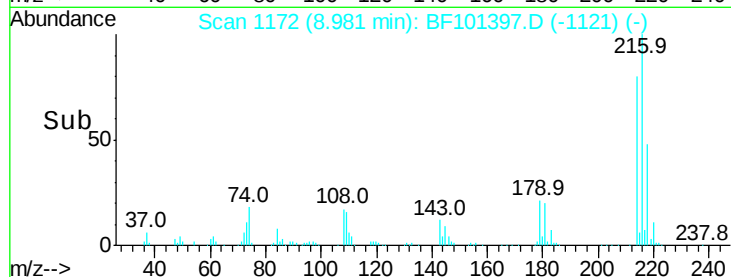
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.442 ng
 RT: 8.98 min Scan# 1172
 Delta R.T. -0.00 min
 Lab File: BF101397.D
 Acq: 14 Dec 2017 17:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	379961
Ion	Ratio	Lower	Upper
216	100		
214	79.9	63.0	94.4
179	20.7	18.1	27.1
108	18.8	17.2	25.8

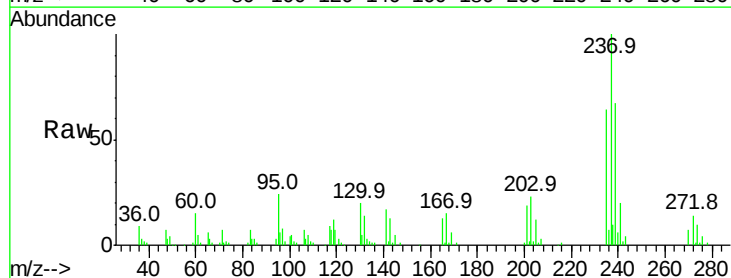


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

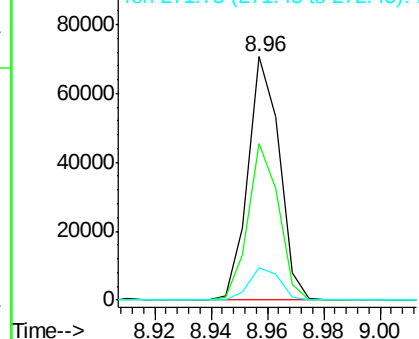
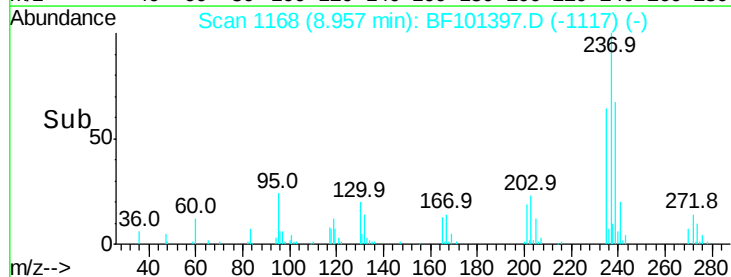


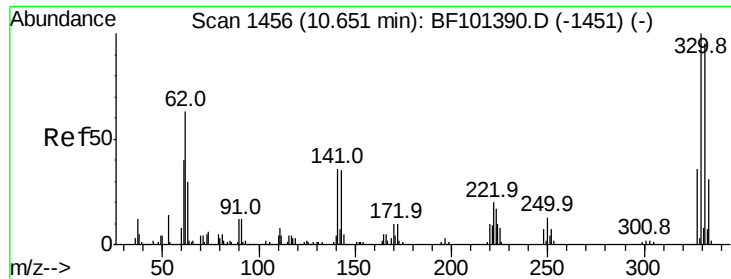
#40
 Hexachlorocyclopentadiene
 Concen: 40.362 ng
 RT: 8.96 min Scan# 1168
 Delta R.T. 0.00 min
 Lab File: BF101397.D
 Acq: 14 Dec 2017 17:03

Tgt Ion:	237	Resp:	54571
Ion	Ratio	Lower	Upper
237	100		
235	64.5	44.8	84.8
272	13.5	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

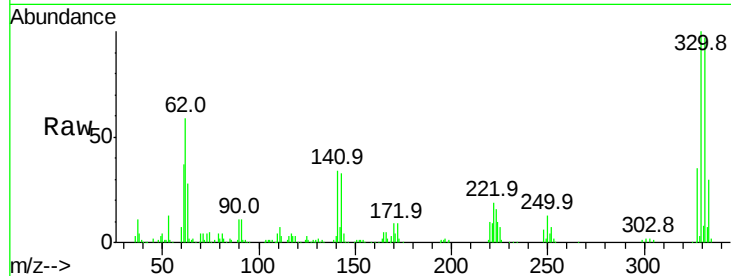




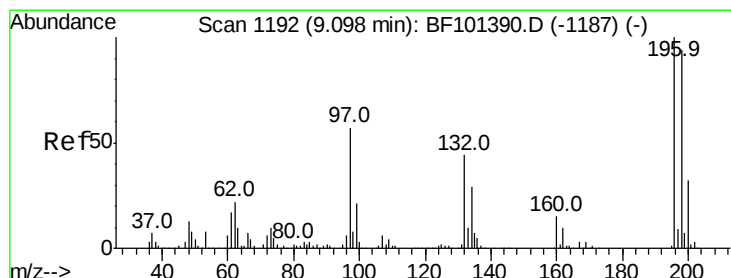
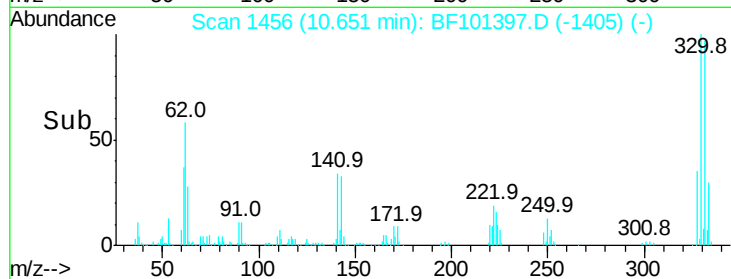
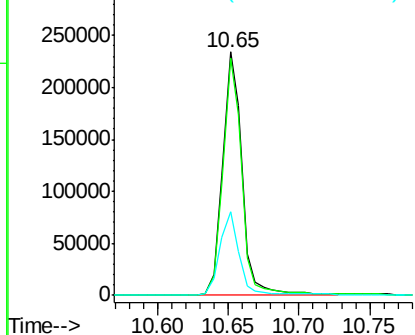
#41
 2,4,6-Tribromophenol
 Concen: 79.994 ng
 RT: 10.65 min Scan# 1456
 Delta R.T. -0.00 min
 Lab File: BF101397.D
 Acq: 14 Dec 2017 17:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.0	115.6
141	34.6	29.9	44.9

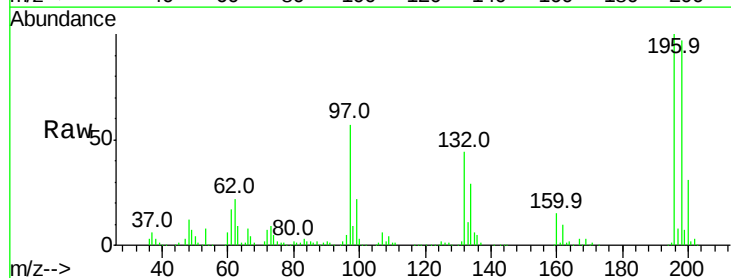


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

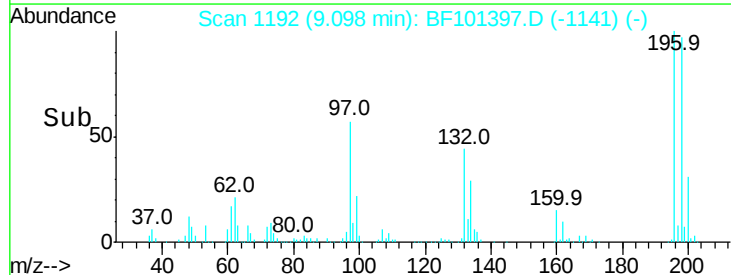
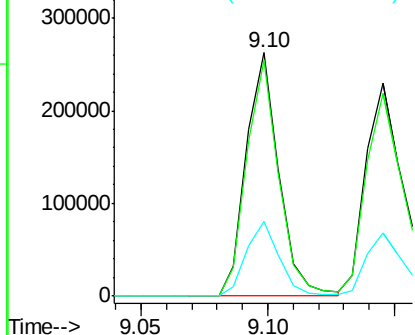


#42
 2,4,6-Trichlorophenol
 Concen: 39.825 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.00 min
 Lab File: BF101397.D
 Acq: 14 Dec 2017 17:03

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.0	75.7	113.5
200	30.9	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

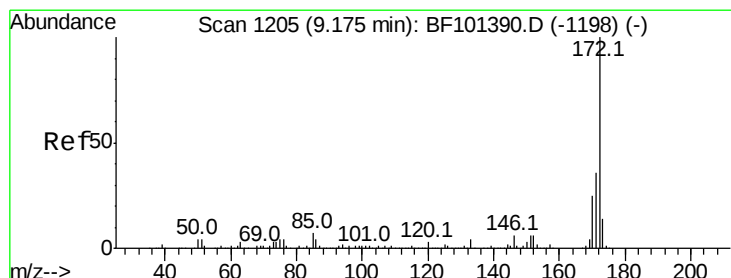
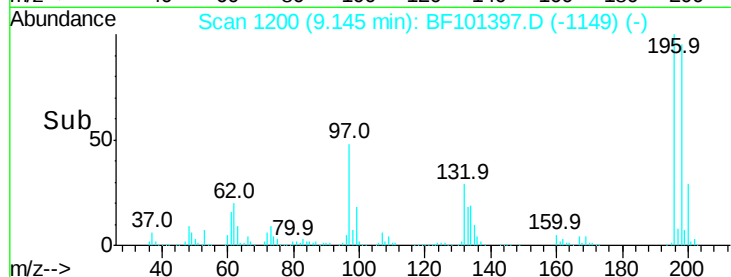
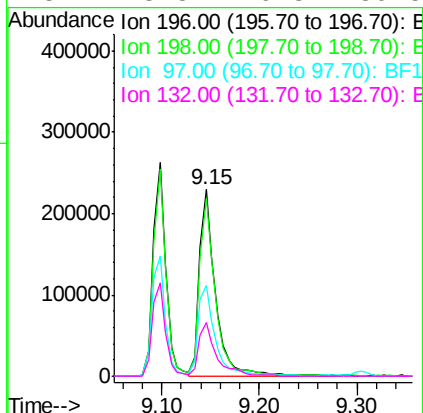
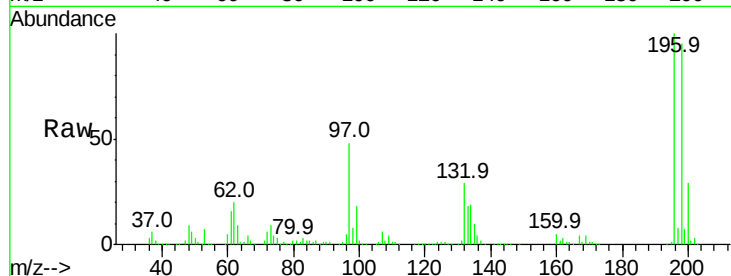




#43
 2,4,5-Trichlorophenol
 Concen: 40.347 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.00 min
 Lab File: BF101397.D
 Acq: 14 Dec 2017 17:03

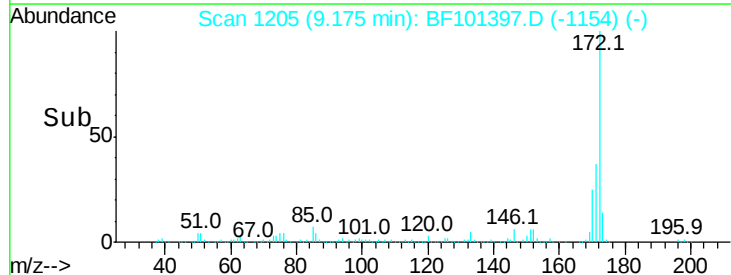
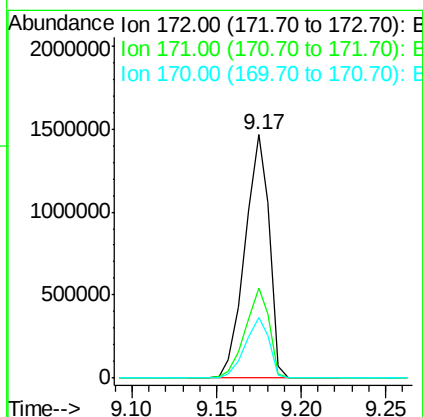
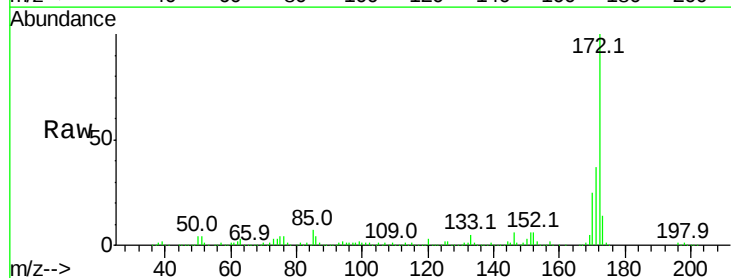
Instrument :
 BNA_F
 ClientSampleId :

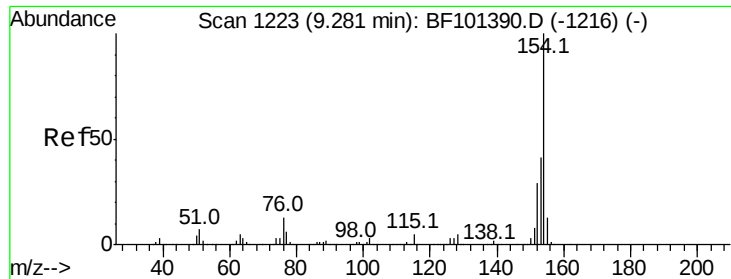
Tot Ion:	196	Resp:	262878
Ion	Ratio	Lower	Upper
196	100		
198	95.1	74.6	112.0
97	48.4	42.9	64.3
132	28.8	26.3	39.5



#44
 2-Fluorobiphenyl
 Concen: 77.887 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.00 min
 Lab File: BF101397.D
 Acq: 14 Dec 2017 17:03

Tgt Ion:	172	Resp:	1469895
Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.7	44.5
170	24.9	19.6	29.4





#45

1,1'-Biphenyl

Concen: 38.043 ng

RT: 9.27 min Scan# 1222

Delta R.T. -0.01 min

Lab File: BF101397.D

Acq: 14 Dec 2017 17:03

Instrument :

BNA_F

ClientSampleId :

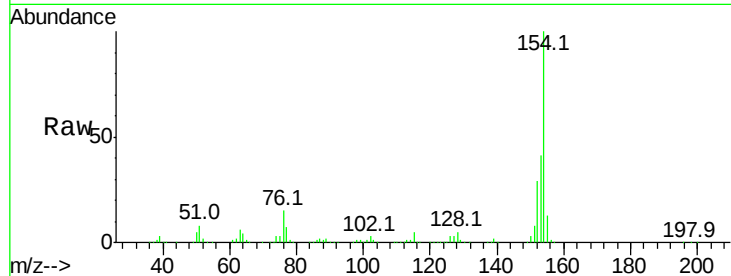
Tot Ion:154 Resp: 987707

Ion Ratio Lower Upper

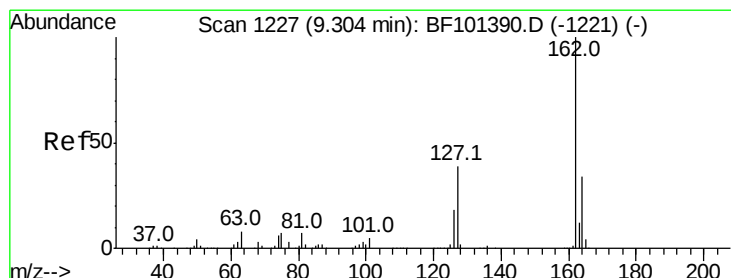
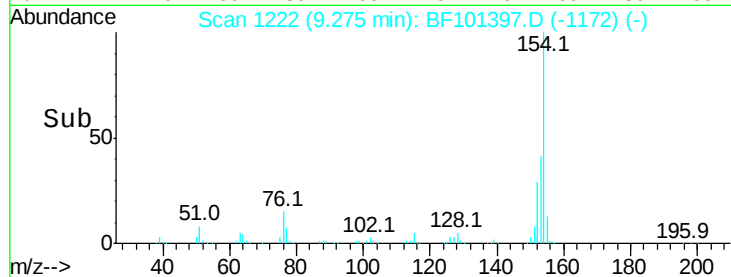
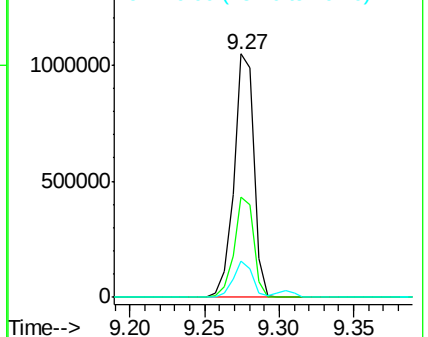
154 100

153 40.9 21.3 61.3

76 14.8 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: 38.116 ng

RT: 9.30 min Scan# 1227

Delta R.T. -0.00 min

Lab File: BF101397.D

Acq: 14 Dec 2017 17:03

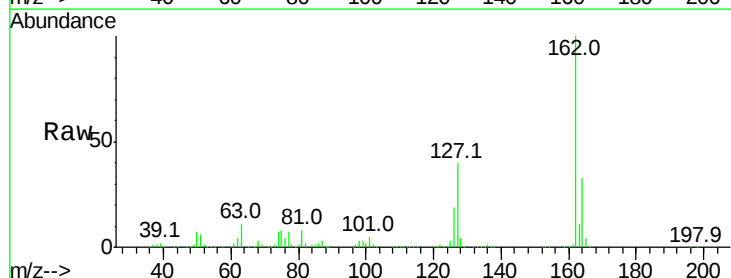
Tgt Ion:162 Resp: 757198

Ion Ratio Lower Upper

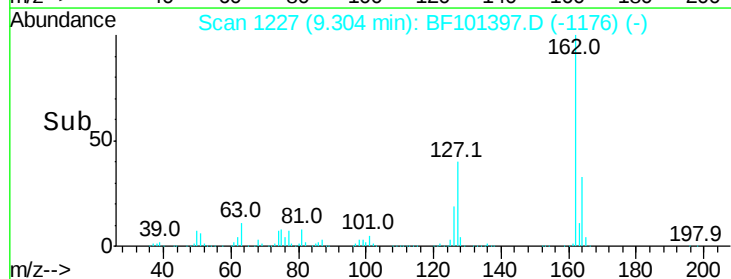
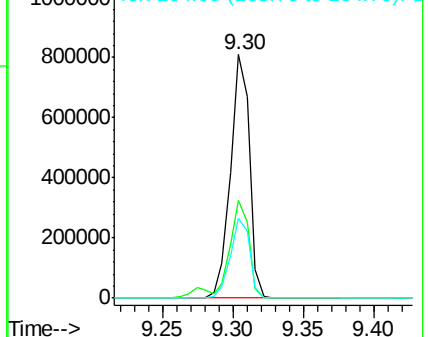
162 100

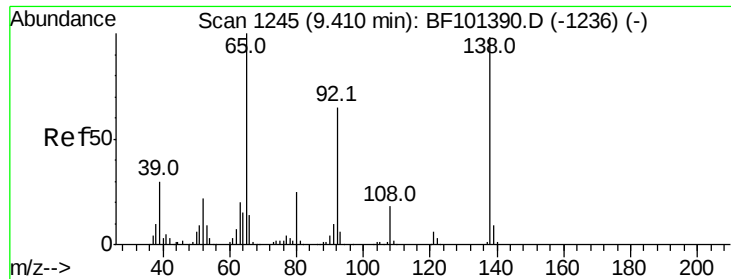
127 40.2 33.9 50.9

164 32.7 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

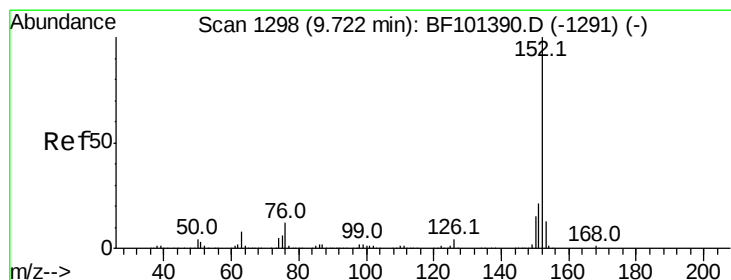
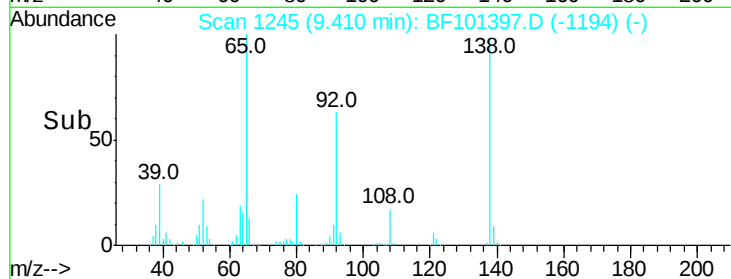
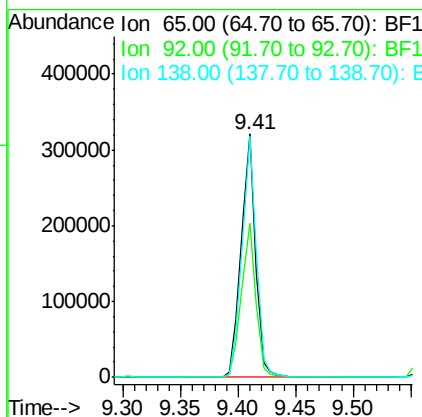
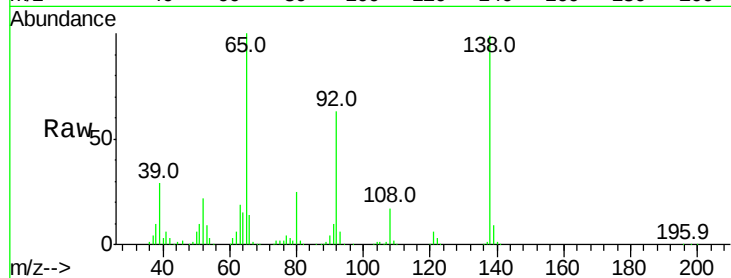




#47
2-Nitroaniline
Concen: 40.955 ng
RT: 9.41 min Scan# 1245
Delta R.T. -0.00 min
Lab File: BF101397.D
Acq: 14 Dec 2017 17:03

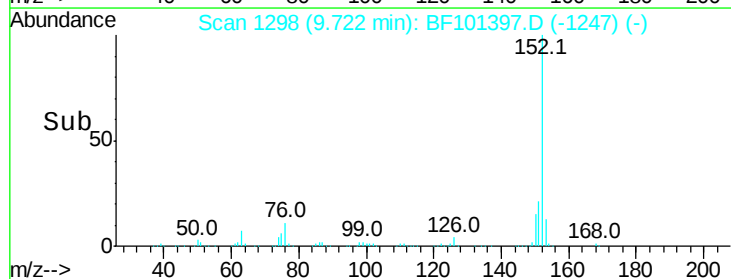
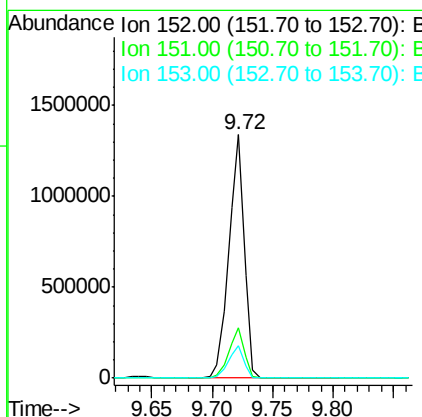
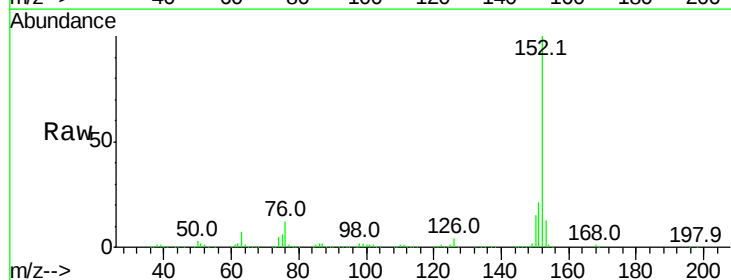
Instrument :
BNA_F
ClientSampleId :

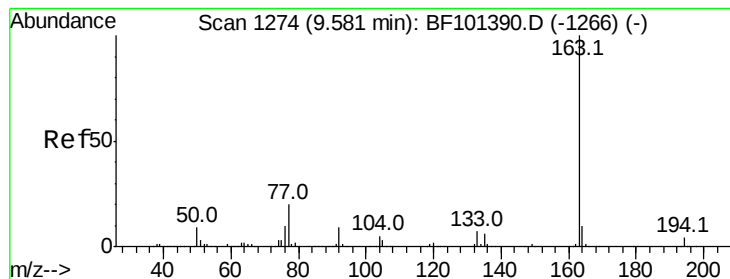
Tot Ion: 65 Resp: 281059
Ion Ratio Lower Upper
65 100
92 63.5 55.8 83.6
138 99.2 91.2 136.8



#48
Acenaphthylene
Concen: 37.704 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BF101397.D
Acq: 14 Dec 2017 17:03

Tgt Ion: 152 Resp: 1183030
Ion Ratio Lower Upper
152 100
151 20.8 16.3 24.5
153 13.4 10.7 16.1





#49

Dimethylphthalate

Concen: 37.806 ng

RT: 9.57 min Scan# 1273

Delta R.T. -0.01 min

Lab File: BF101397.D

Acq: 14 Dec 2017 17:03

Instrument :

BNA_F

ClientSampled :

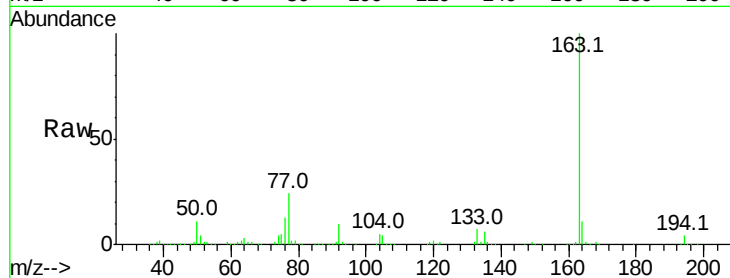
Tot Ion:163 Resp: 890246

Ion Ratio Lower Upper

163 100

194 3.8 2.7 4.1

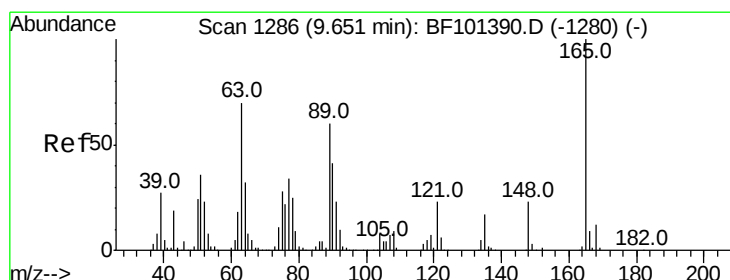
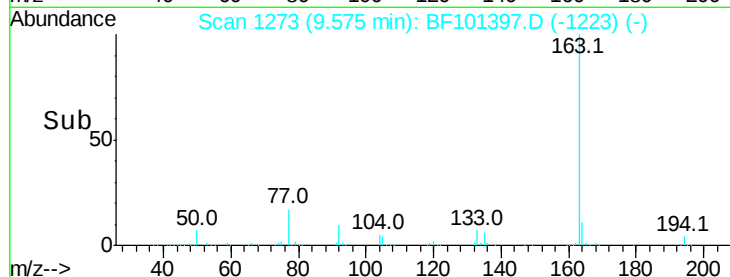
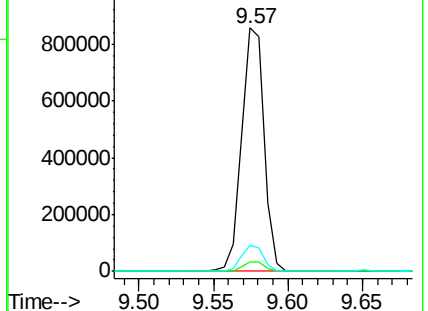
164 10.8 8.2 12.2



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: 39.783 ng

RT: 9.65 min Scan# 1286

Delta R.T. -0.00 min

Lab File: BF101397.D

Acq: 14 Dec 2017 17:03

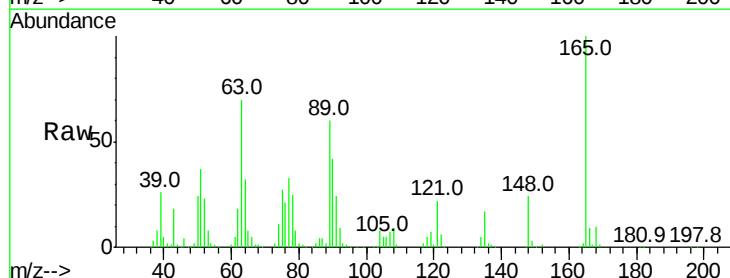
Tgt Ion:165 Resp: 190402

Ion Ratio Lower Upper

165 100

63 69.7 44.7 67.1#

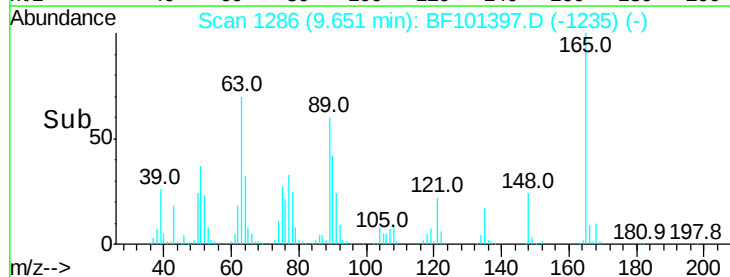
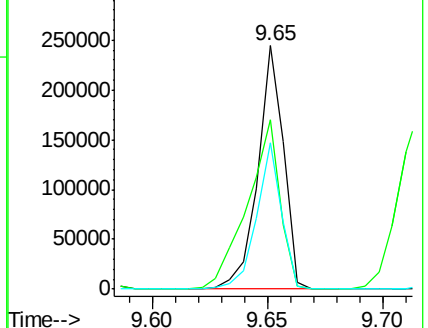
89 59.9 44.0 66.0

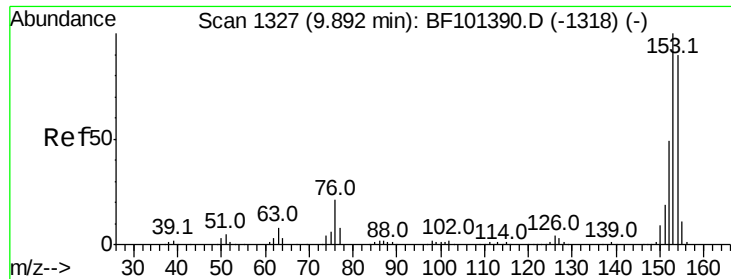


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 38.230 ng

RT: 9.89 min Scan# 1327

Delta R.T. -0.00 min

Lab File: BF101397.D

Acq: 14 Dec 2017 17:03

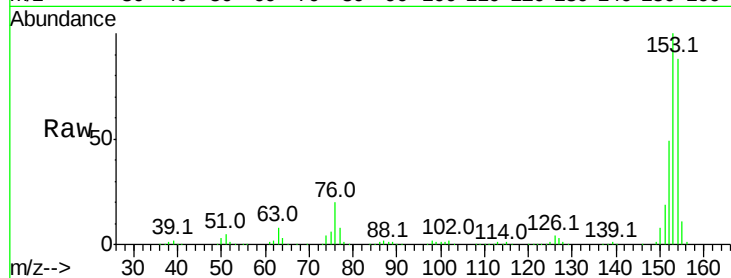
Instrument :

BNA_F

ClientSampleId :

Tot Ion:154 Resp: 720687

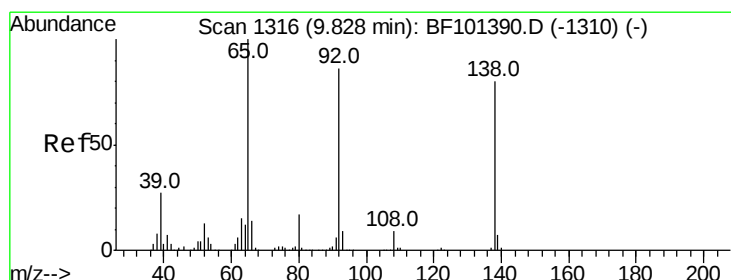
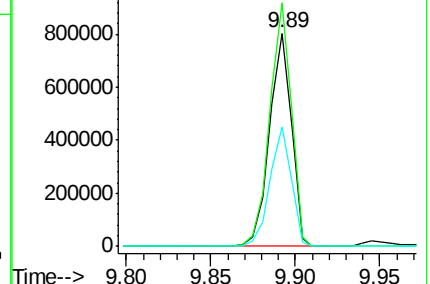
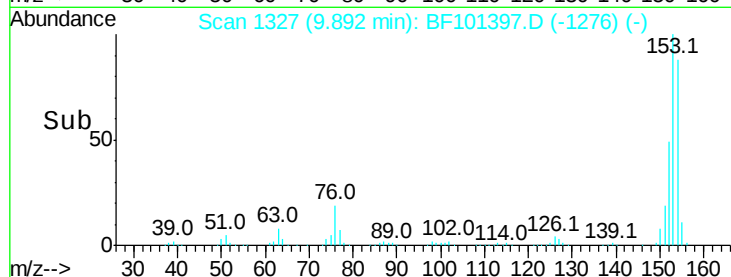
Ion	Ratio	Lower	Upper
154	100		
153	114.0	91.2	136.8
152	56.0	43.8	65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 40.921 ng

RT: 9.83 min Scan# 1316

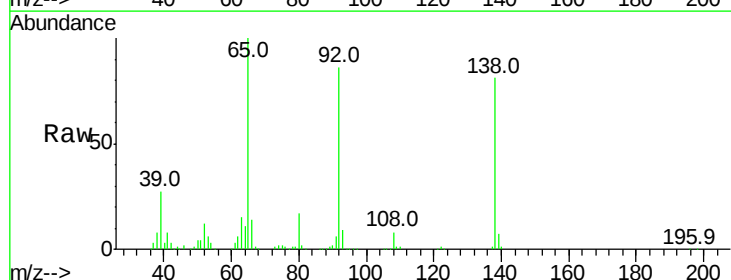
Delta R.T. -0.00 min

Lab File: BF101397.D

Acq: 14 Dec 2017 17:03

Tgt Ion:138 Resp: 244174

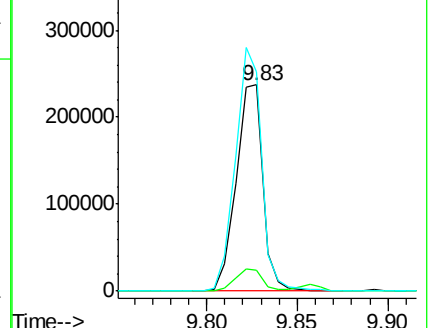
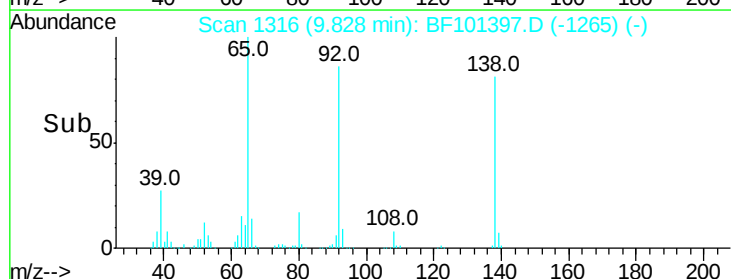
Ion	Ratio	Lower	Upper
138	100		
108	10.1	9.4	14.0
92	106.5	89.4	134.2

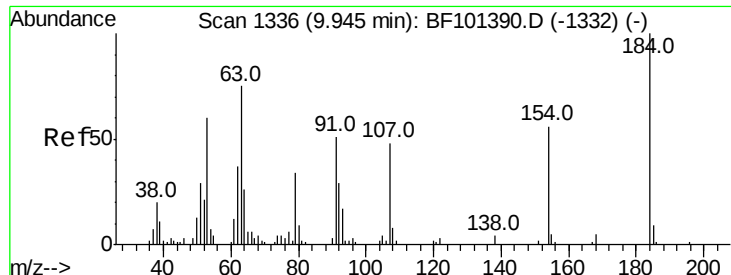


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

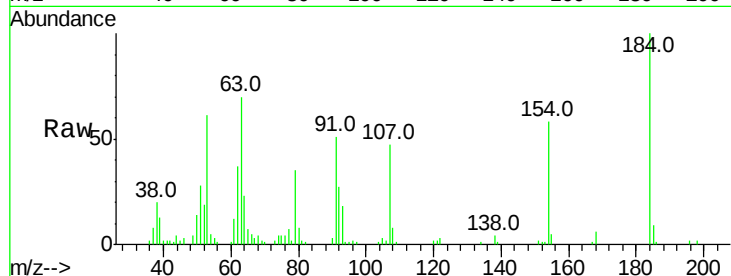




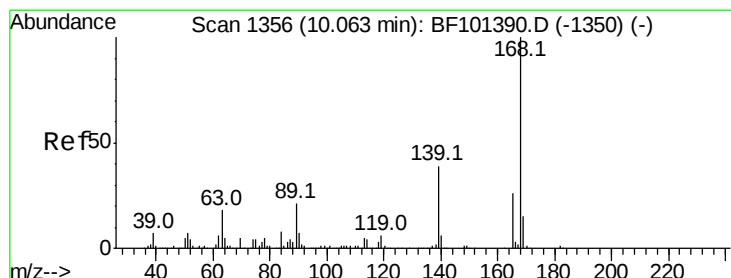
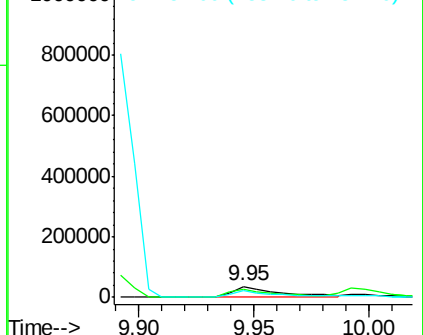
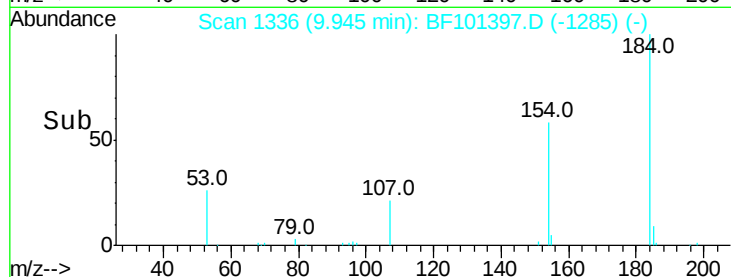
#53
2,4-Dinitrophenol
Concen: 37.707 ng
RT: 9.95 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BF101397.D
Acq: 14 Dec 2017 17:03

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 52413
Ion Ratio Lower Upper
184 100
63 69.7 54.2 81.2
154 58.5 184.0 276.0#

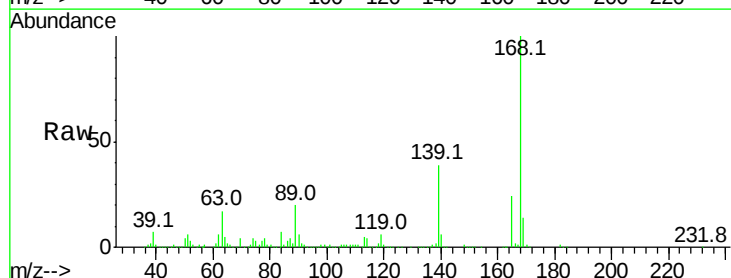


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

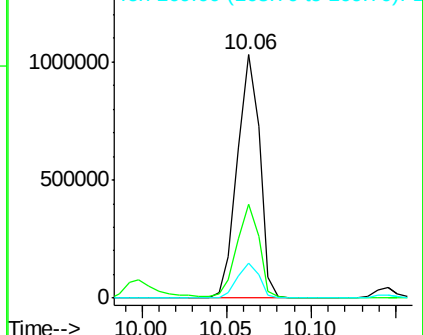
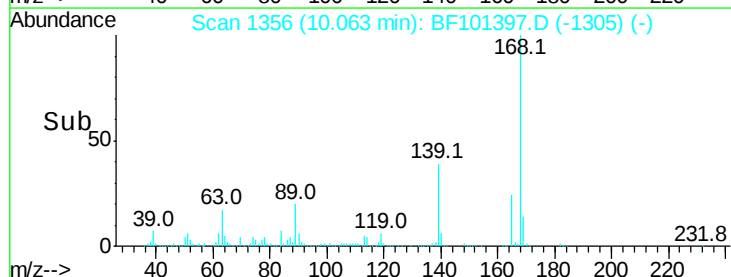


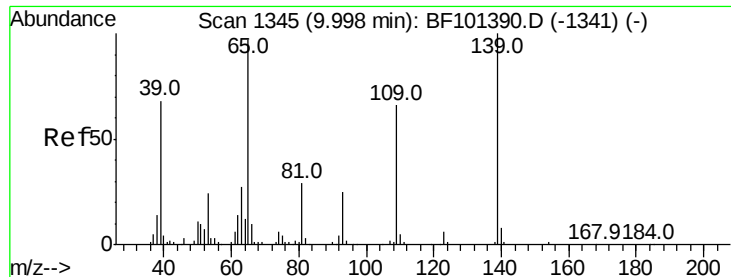
#54
Dibenzofuran
Concen: 39.601 ng
RT: 10.06 min Scan# 1356
Delta R.T. -0.00 min
Lab File: BF101397.D
Acq: 14 Dec 2017 17:03

Tgt Ion:168 Resp: 948728
Ion Ratio Lower Upper
168 100
139 38.8 30.1 45.1
169 14.2 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

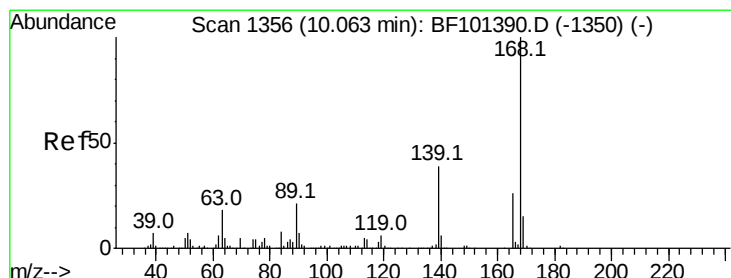
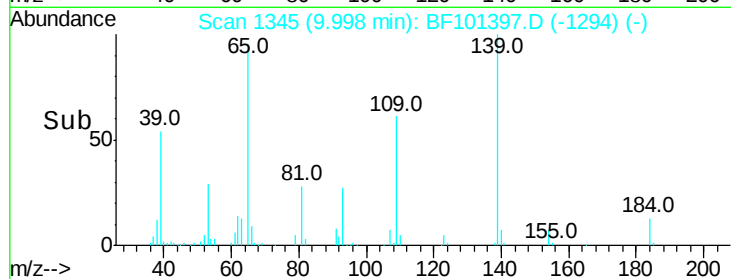
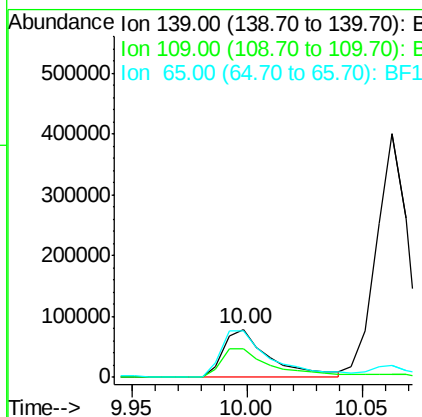
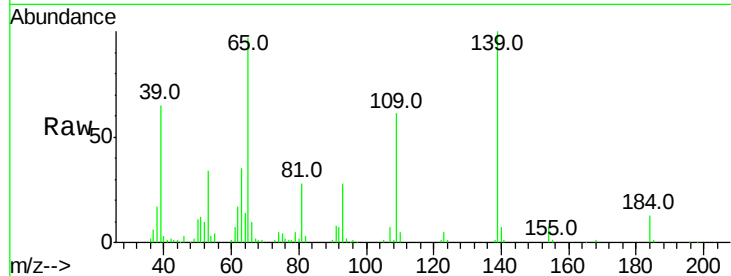




#55
4-Nitrophenol
Concen: 42.083 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.00 min
Lab File: BF101397.D
Acq: 14 Dec 2017 17:03

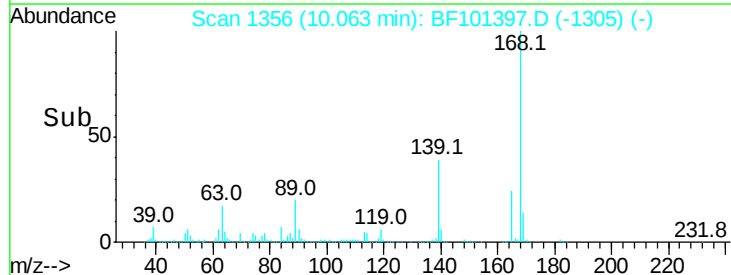
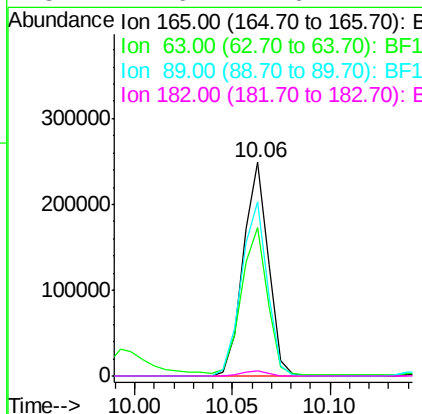
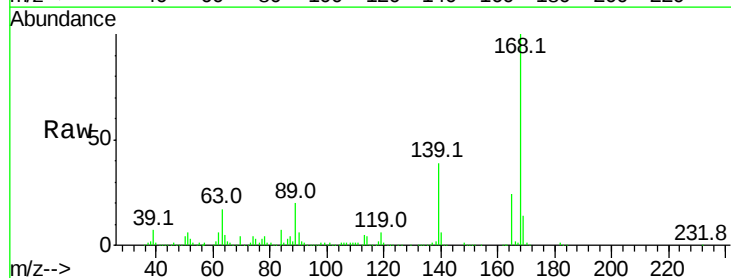
Instrument :
BNA_F
ClientSampleId :

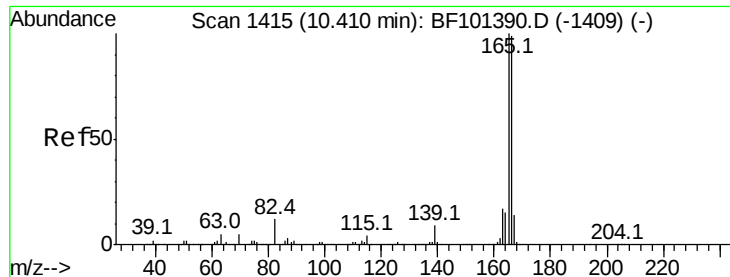
Tot Ion:139 Resp: 109492
Ion Ratio Lower Upper
139 100
109 60.5 48.4 88.4
65 96.7 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 40.976 ng
RT: 10.06 min Scan# 1356
Delta R.T. -0.00 min
Lab File: BF101397.D
Acq: 14 Dec 2017 17:03

Tgt Ion:165 Resp: 220952
Ion Ratio Lower Upper
165 100
63 69.3 36.4 54.6#
89 81.8 57.8 86.6
182 2.6 1.6 2.4#





#57

Fluorene

Concen: 39.792 ng

RT: 10.41 min Scan# 1415

Delta R.T. -0.00 min

Lab File: BF101397.D

Acq: 14 Dec 2017 17:03

Instrument :

BNA_F

ClientSampleId :

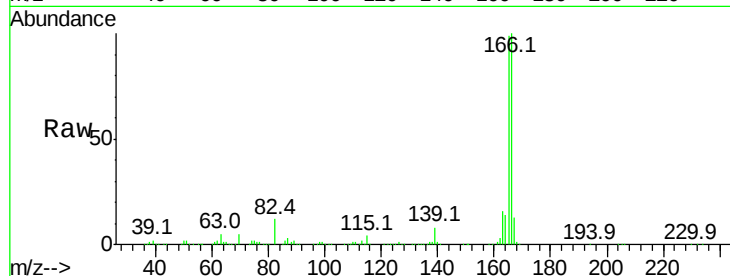
Tot Ion:166 Resp: 806442

Ion Ratio Lower Upper

166 100

165 99.0 79.8 119.8

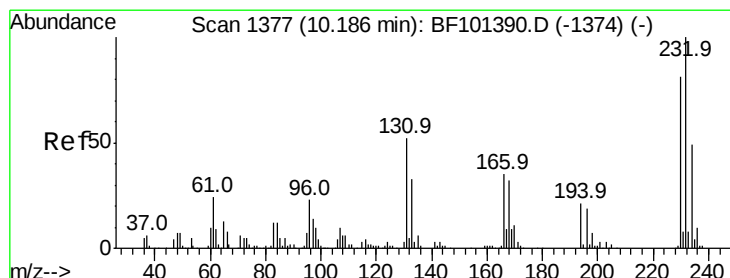
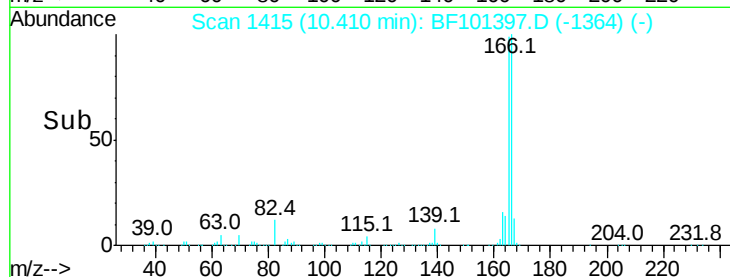
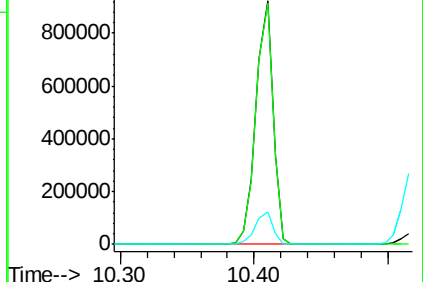
167 13.3 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 40.741 ng

RT: 10.19 min Scan# 1377

Delta R.T. -0.00 min

Lab File: BF101397.D

Acq: 14 Dec 2017 17:03

Tgt Ion:232 Resp: 190711

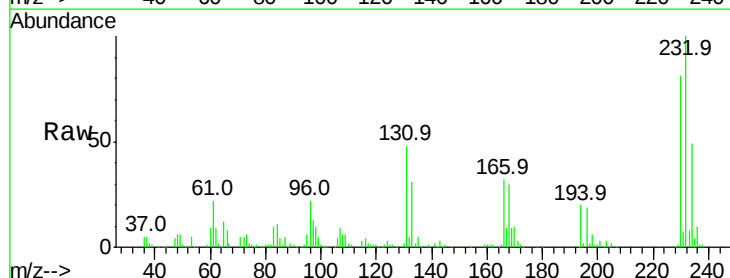
Ion Ratio Lower Upper

232 100

131 45.3 43.8 65.8

130 2.4 2.1 3.1

166 29.7 27.8 41.6

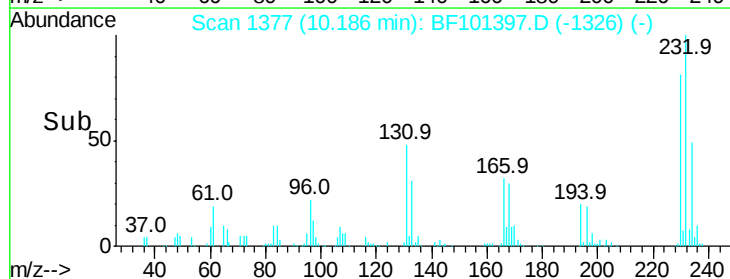
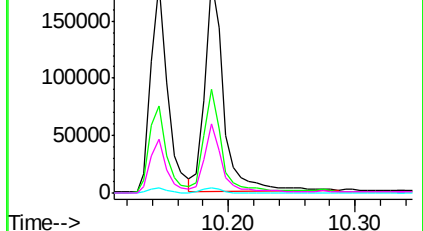


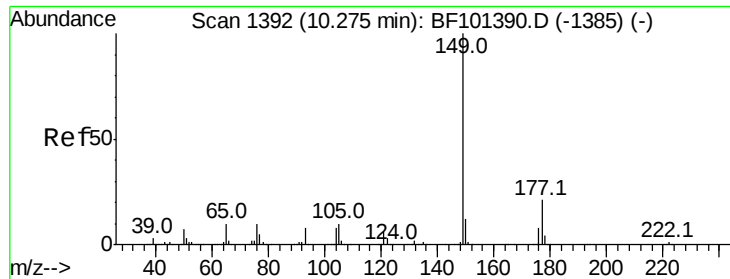
Abundance Ion 232.00 (231.70 to 232.70): E

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

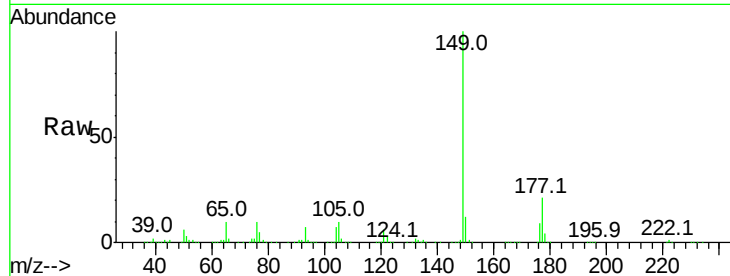




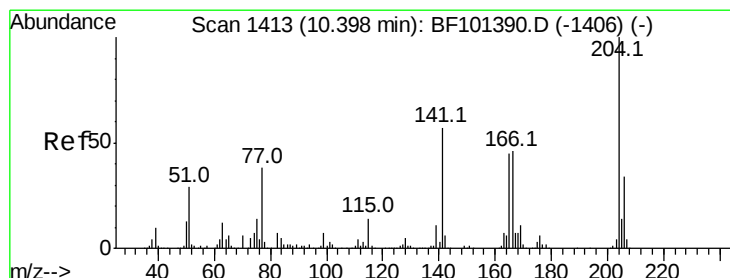
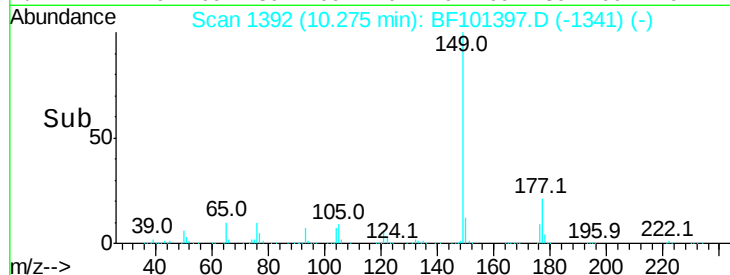
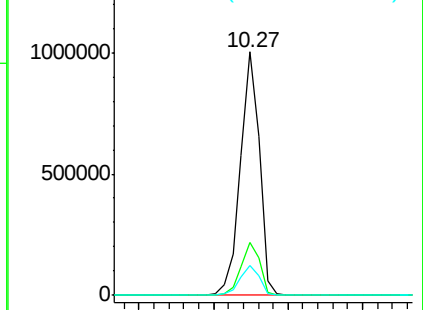
#59
Diethylphthalate
Concen: 38.261 ng
RT: 10.27 min Scan# 1392
Delta R.T. -0.00 min
Lab File: BF101397.D
Acq: 14 Dec 2017 17:03

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 892223
Ion Ratio Lower Upper
149 100
177 21.5 16.1 24.1
150 12.5 10.1 15.1

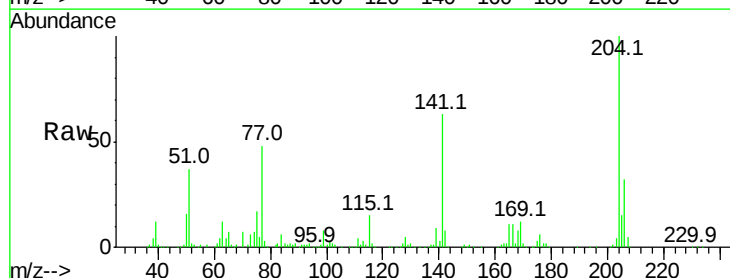


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

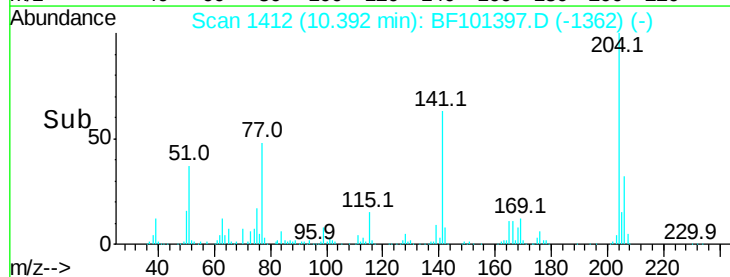
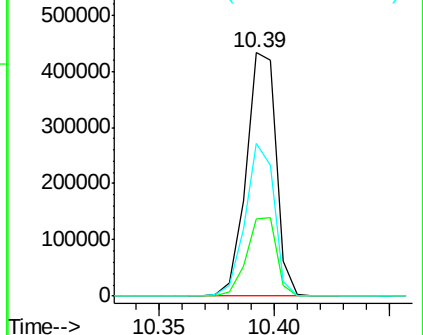


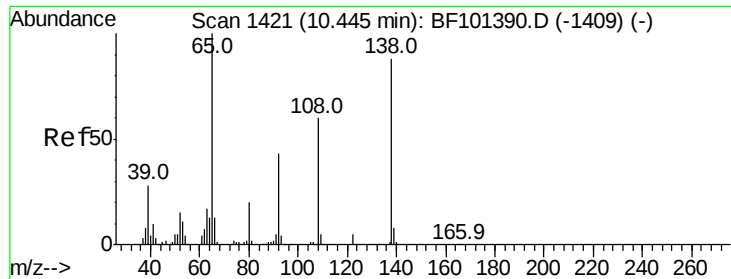
#60
4-Chlorophenyl-phenylether
Concen: 40.453 ng
RT: 10.39 min Scan# 1412
Delta R.T. -0.01 min
Lab File: BF101397.D
Acq: 14 Dec 2017 17:03

Tgt Ion:204 Resp: 392910
Ion Ratio Lower Upper
204 100
206 31.9 26.5 39.7
141 62.5 54.6 81.8



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

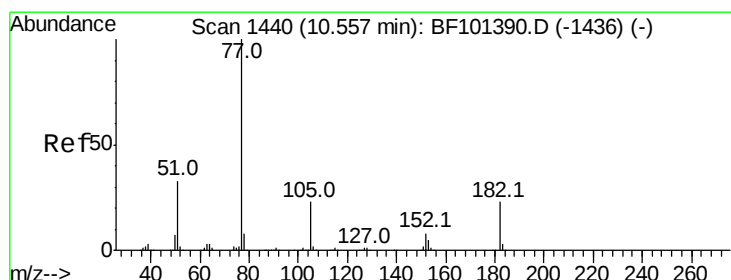
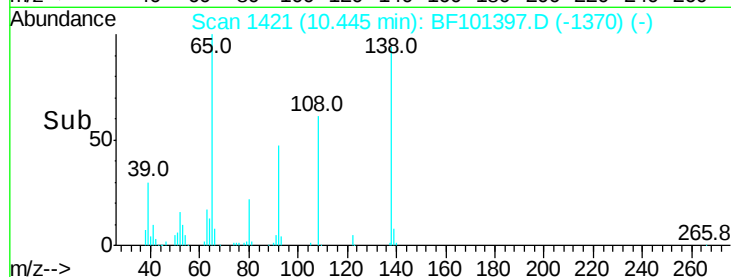
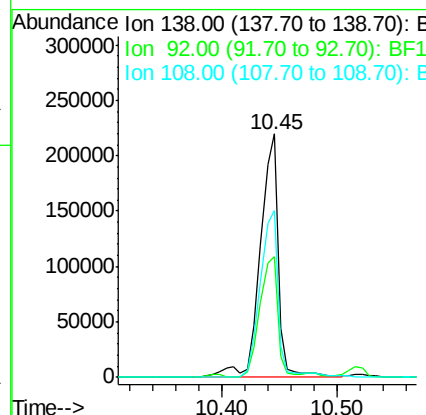
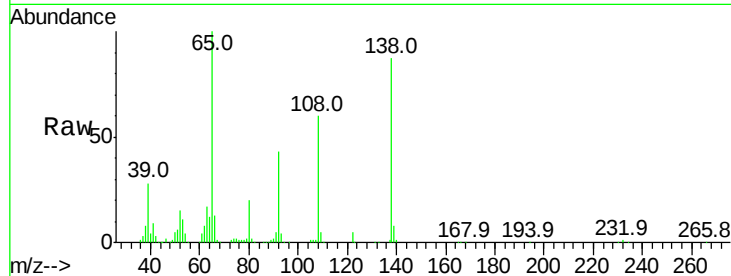




#61
4-Nitroaniline
Concen: 40.667 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.00 min
Lab File: BF101397.D
Acq: 14 Dec 2017 17:03

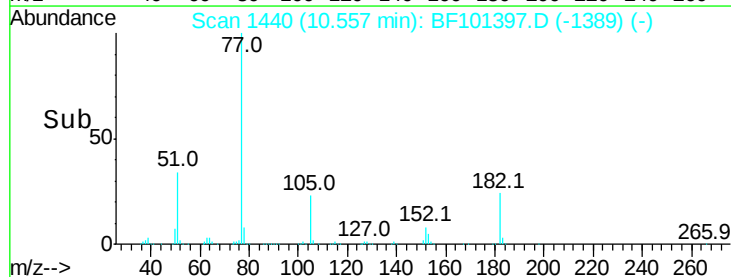
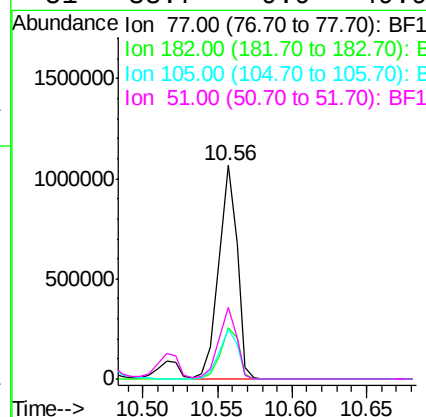
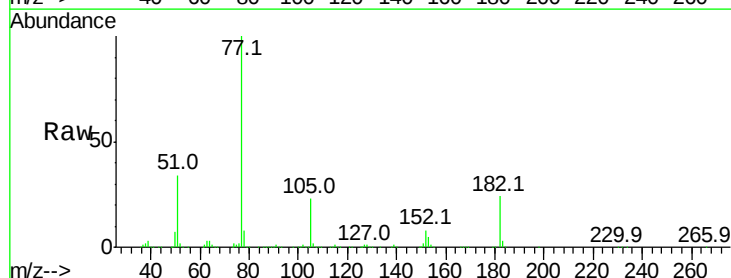
Instrument :
BNA_F
ClientSampled :

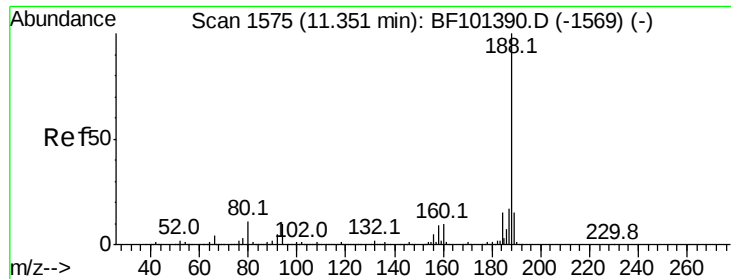
Tot Ion:138 Resp: 243905
Ion Ratio Lower Upper
138 100
92 49.7 30.2 70.2
108 68.6 52.5 92.5



#62
Azobenzene
Concen: 38.031 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.00 min
Lab File: BF101397.D
Acq: 14 Dec 2017 17:03

Tgt Ion: 77 Resp: 918690
Ion Ratio Lower Upper
77 100
182 24.1 1.7 41.7
105 23.2 3.0 43.0
51 33.7 9.9 49.9

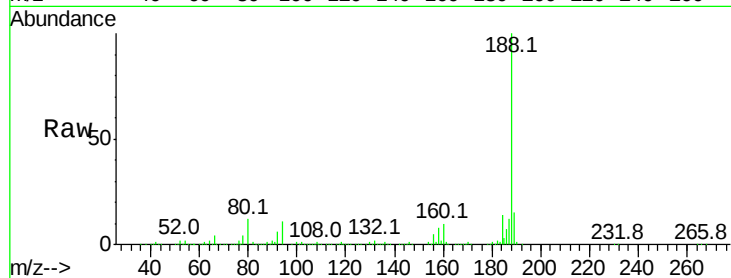




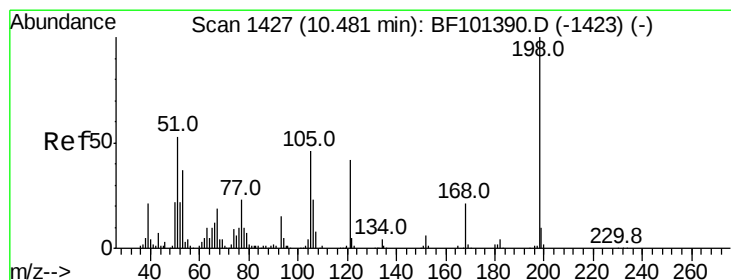
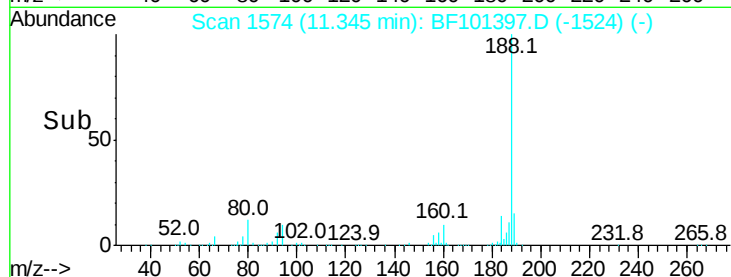
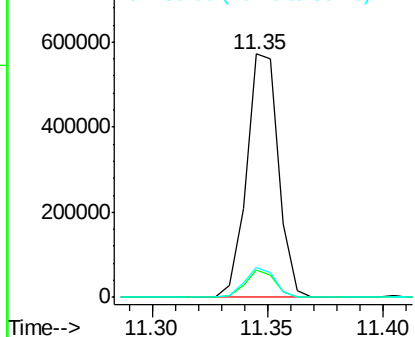
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1574
Delta R.T. -0.01 min
Lab File: BF101397.D
Acq: 14 Dec 2017 17:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
188	100		
94	11.4	8.5	12.7
80	12.5	9.2	13.8

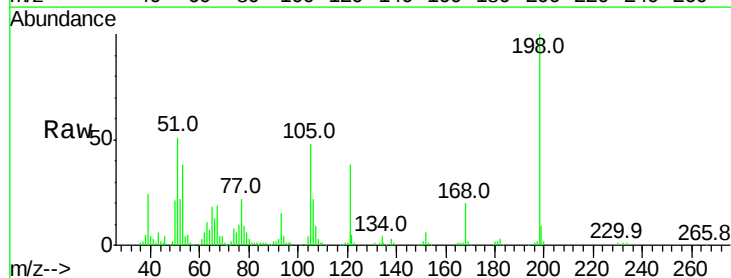


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

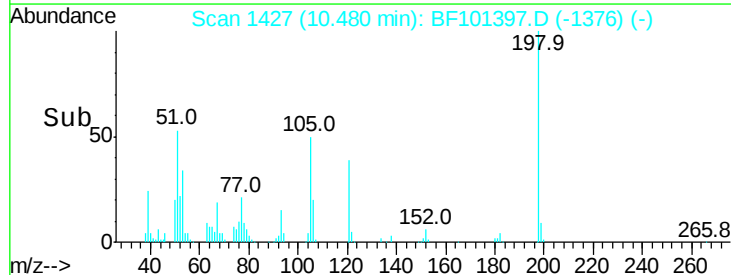
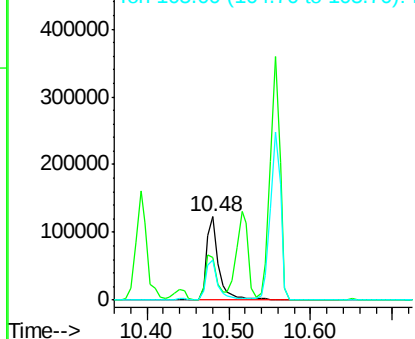


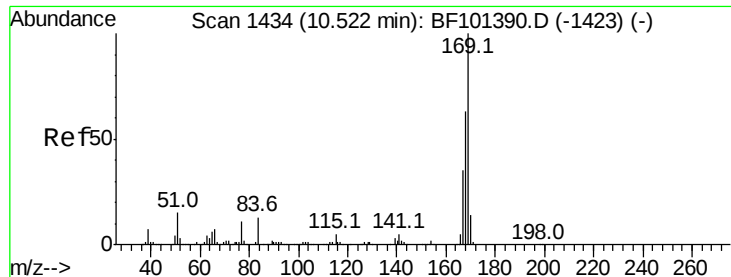
#64
4,6-Dinitro-2-methylphenol
Concen: 45.238 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.00 min
Lab File: BF101397.D
Acq: 14 Dec 2017 17:03

Tgt Ion	Ratio	Lower	Upper
198	100		
51	51.2	37.7	77.7
105	48.1	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

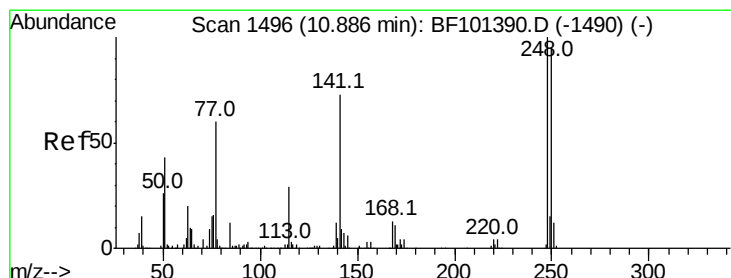
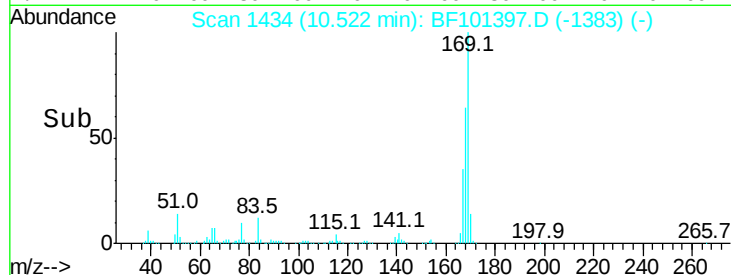
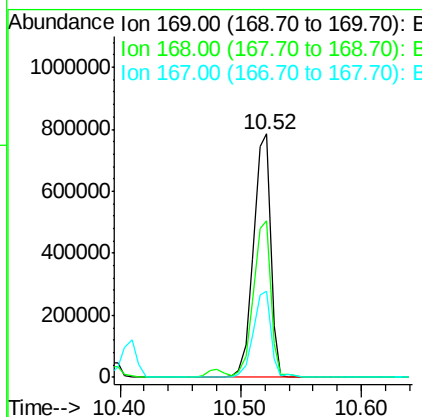
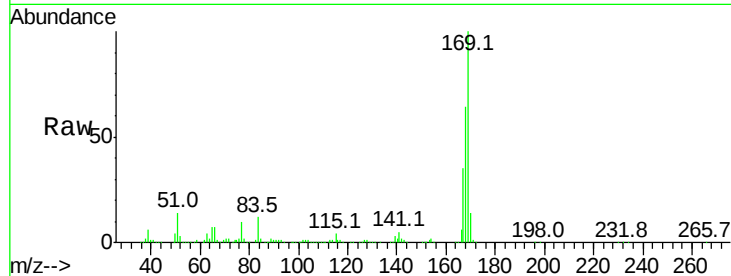




#65
n-Nitrosodiphenylamine
Concen: 38.583 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.00 min
Lab File: BF101397.D
Acq: 14 Dec 2017 17:03

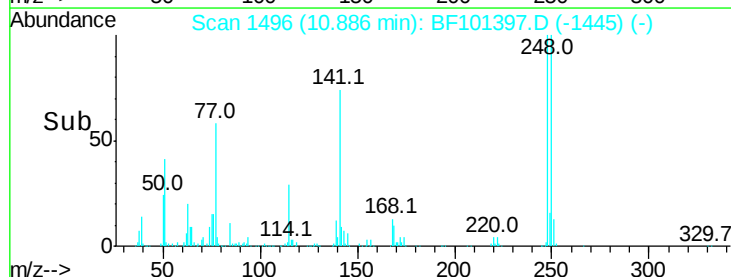
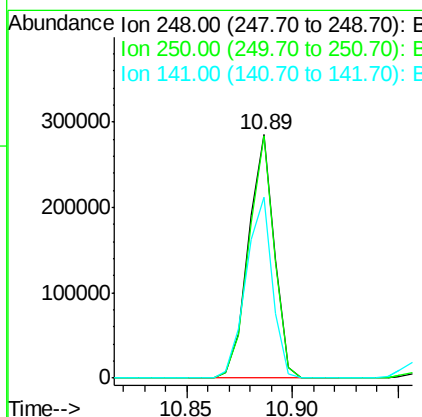
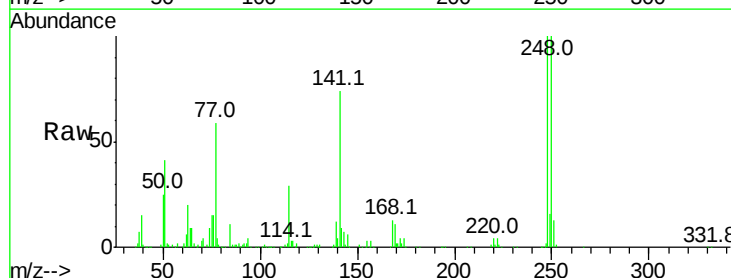
Instrument :
BNA_F
ClientSampled :

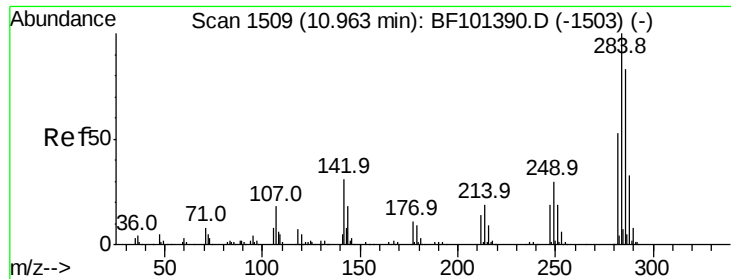
Tot Ion	Ratio	Lower	Upper
169	100		
168	64.2	54.4	81.6
167	35.4	29.8	44.6



#66
4-Bromophenyl-phenylether
Concen: 39.121 ng
RT: 10.89 min Scan# 1496
Delta R.T. -0.00 min
Lab File: BF101397.D
Acq: 14 Dec 2017 17:03

Tgt Ion	Ratio	Lower	Upper
248	100		
250	99.8	76.9	115.3
141	74.3	74.4	111.6#

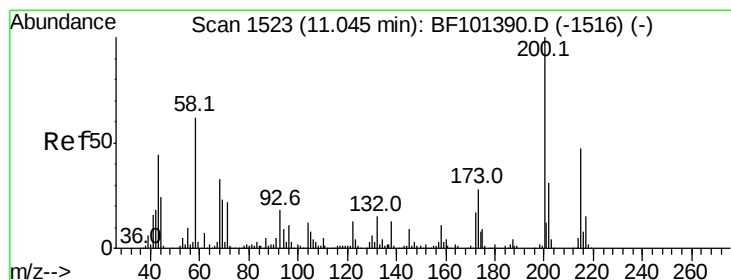
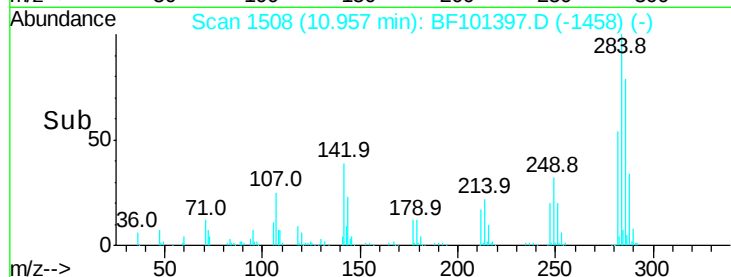
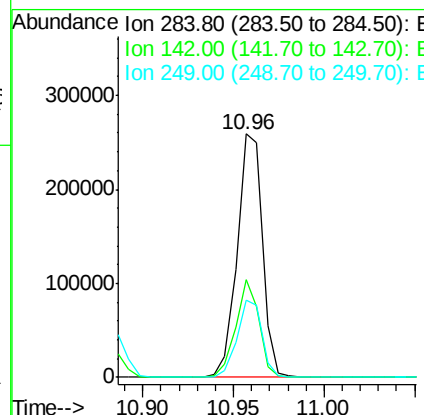
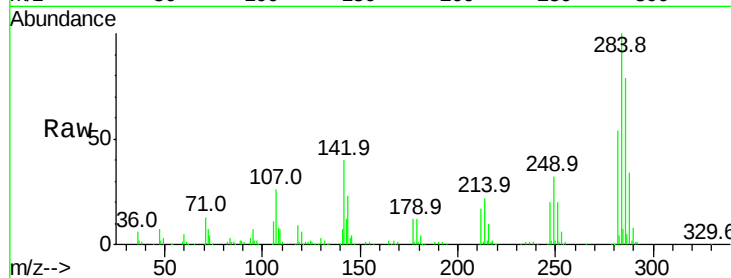




#67
Hexachlorobenzene
Concen: 38.342 ng
RT: 10.96 min Scan# 1508
Delta R.T. -0.01 min
Lab File: BF101397.D
Acq: 14 Dec 2017 17:03

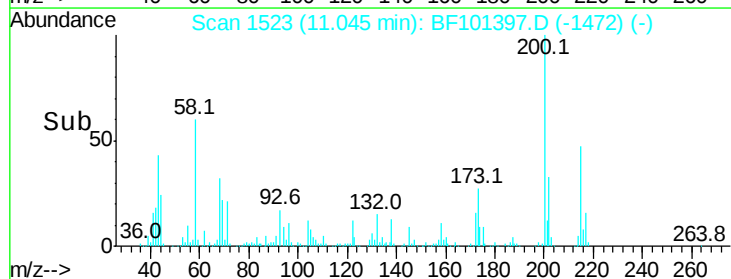
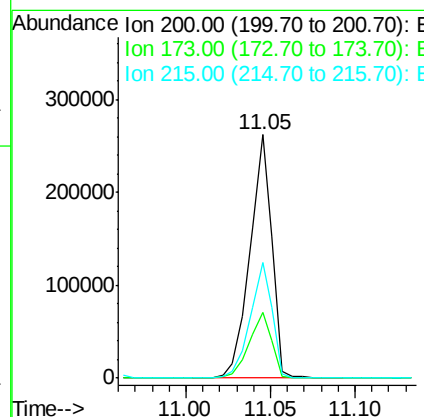
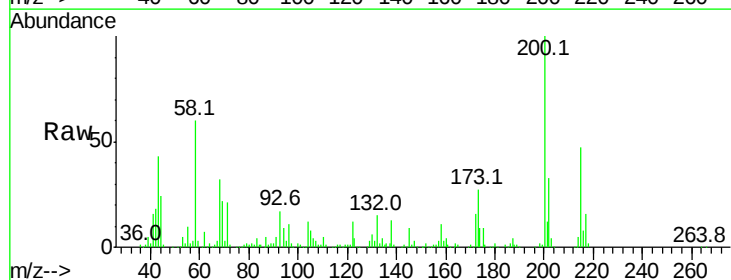
Instrument :
BNA_F
ClientSampleId :

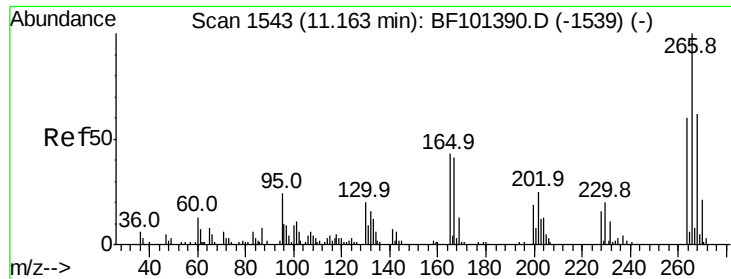
Tot Ion	Ratio	Lower	Upper
284	100		
142	39.9	34.6	52.0
249	31.9	24.8	37.2



#68
Atrazine
Concen: 39.190 ng
RT: 11.05 min Scan# 1523
Delta R.T. -0.00 min
Lab File: BF101397.D
Acq: 14 Dec 2017 17:03

Tgt Ion	Ratio	Lower	Upper
200	100		
173	26.9	8.6	48.6
215	47.3	25.1	65.1

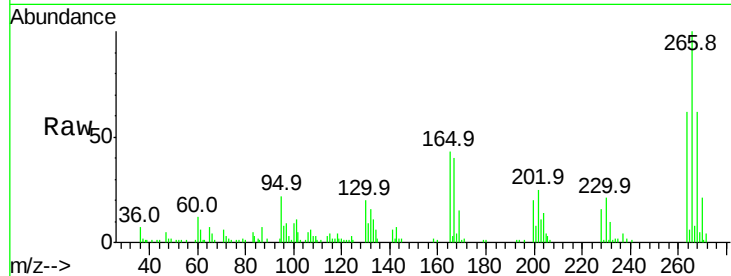




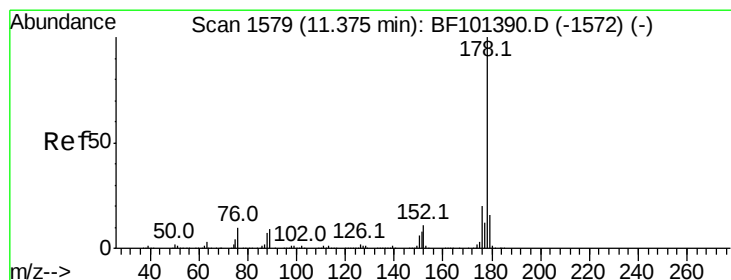
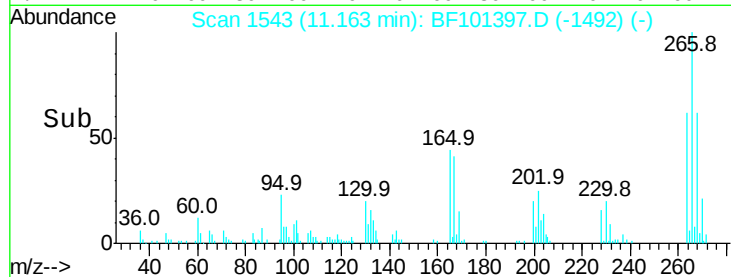
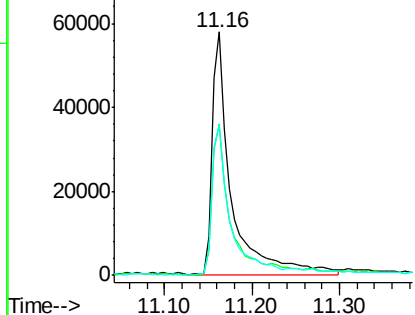
#69
 Pentachlorophenol
 Concen: 39.080 ng
 RT: 11.16 min Scan# 1543
 Delta R.T. 0.00 min
 Lab File: BF101397.D
 Acq: 14 Dec 2017 17:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
268	62.2	51.1	76.7
264	61.9	49.5	74.3

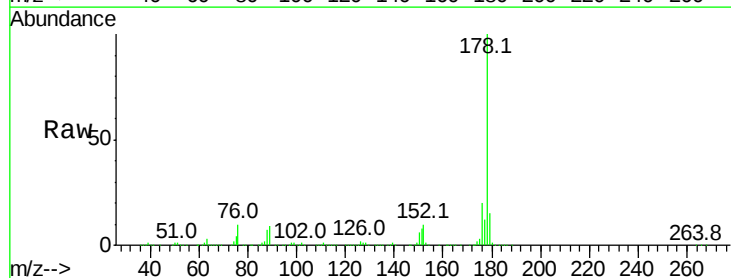


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

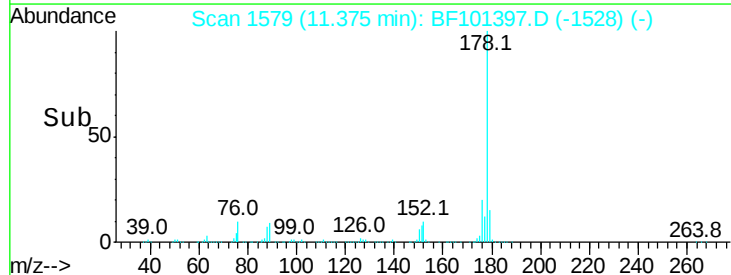
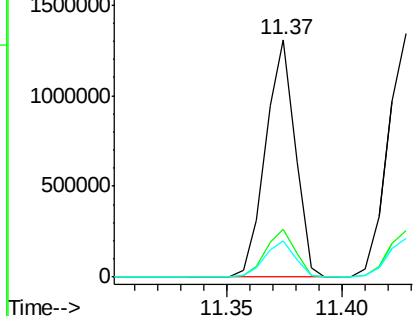


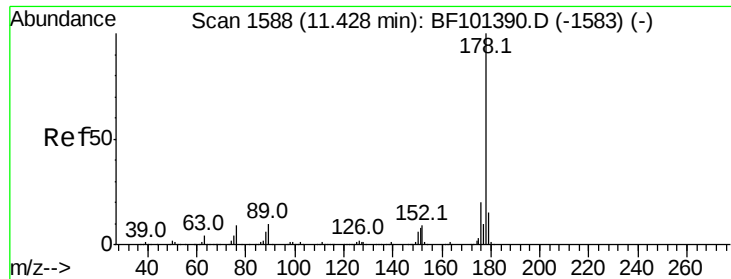
#70
 Phenanthrene
 Concen: 37.968 ng
 RT: 11.37 min Scan# 1579
 Delta R.T. -0.00 min
 Lab File: BF101397.D
 Acq: 14 Dec 2017 17:03

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.0	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: 38.220 ng

RT: 11.43 min Scan# 1588

Delta R.T. -0.00 min

Lab File: BF101397.D

Acq: 14 Dec 2017 17:03

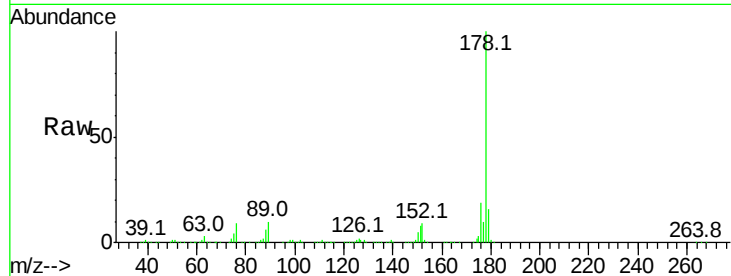
Instrument :

BNA_F

ClientSampleId :

Tot Ion:178 Resp: 1197665

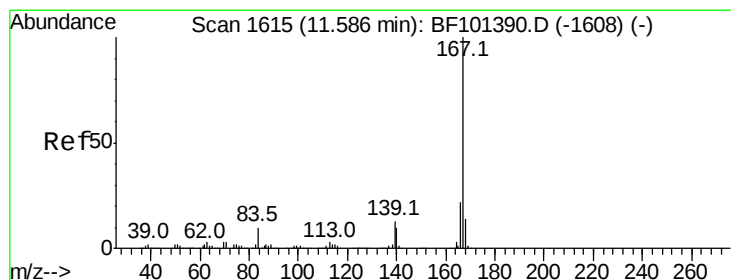
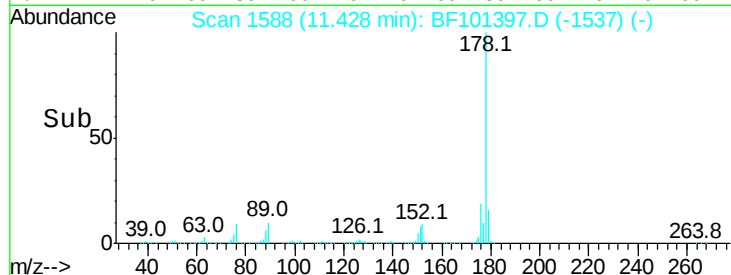
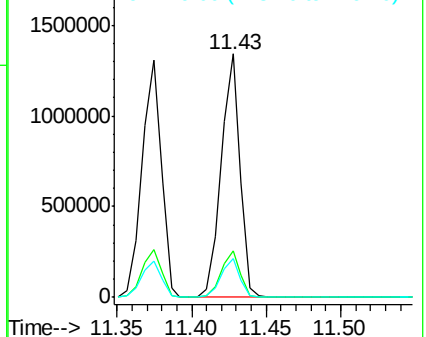
Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	15.7	12.6	19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 38.861 ng

RT: 11.59 min Scan# 1615

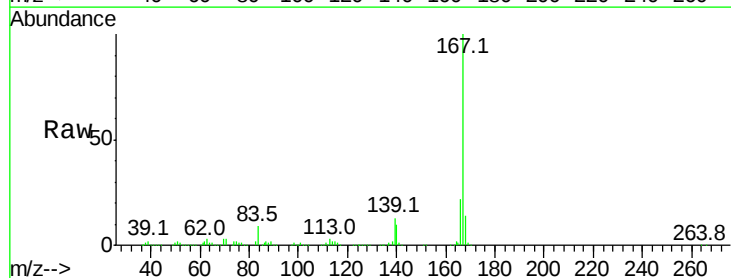
Delta R.T. -0.00 min

Lab File: BF101397.D

Acq: 14 Dec 2017 17:03

Tgt Ion:167 Resp: 1140118

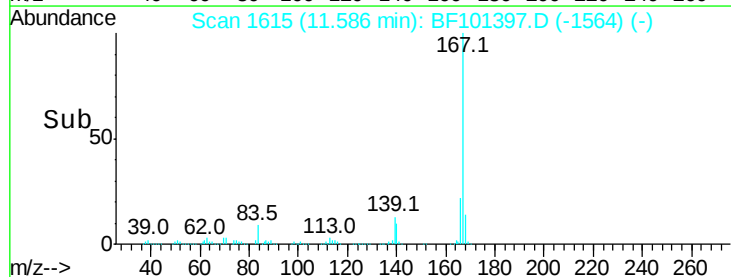
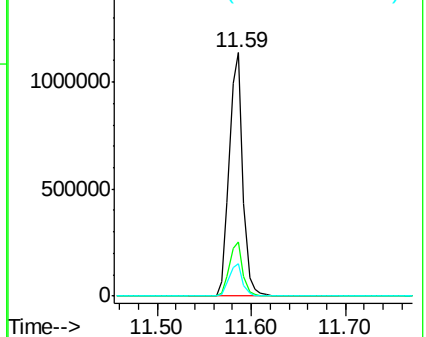
Ion	Ratio	Lower	Upper
167	100		
166	22.5	17.6	26.4
139	13.3	10.9	16.3

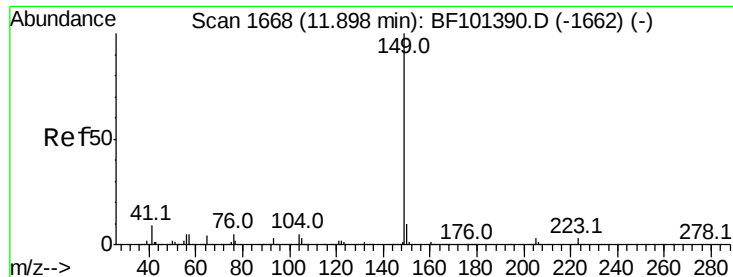


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 38.552 ng

RT: 11.90 min Scan# 1668

Delta R.T. -0.00 min

Lab File: BF101397.D

Acq: 14 Dec 2017 17:03

Instrument :

BNA_F

ClientSampleId :

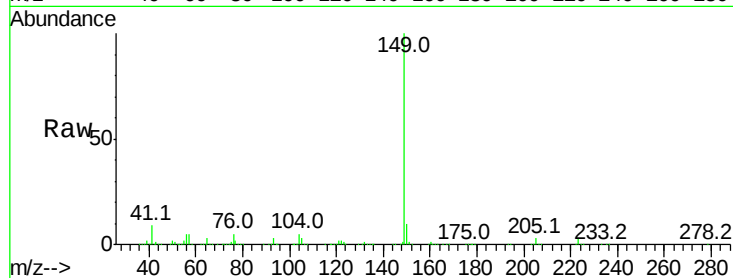
Tot Ion:149 Resp: 1372791

Ion Ratio Lower Upper

149 100

150 9.6 7.8 11.6

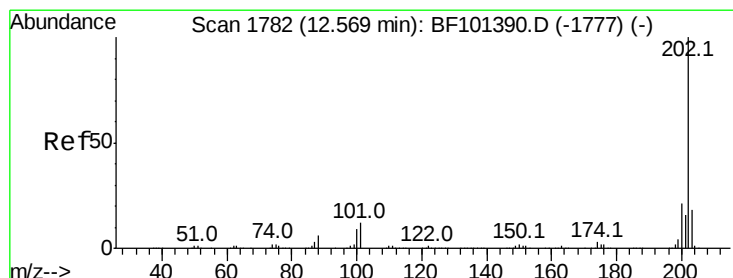
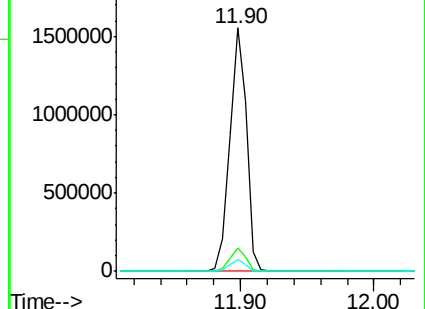
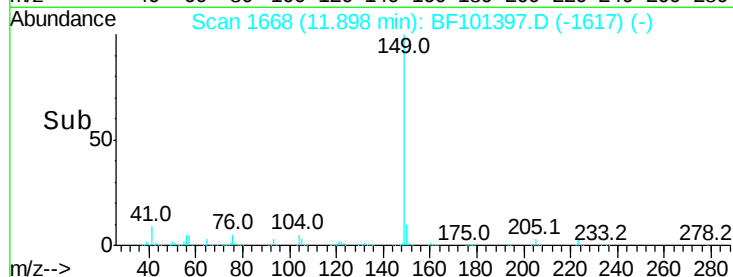
104 4.9 3.8 5.8



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: 38.880 ng

RT: 12.57 min Scan# 1782

Delta R.T. -0.00 min

Lab File: BF101397.D

Acq: 14 Dec 2017 17:03

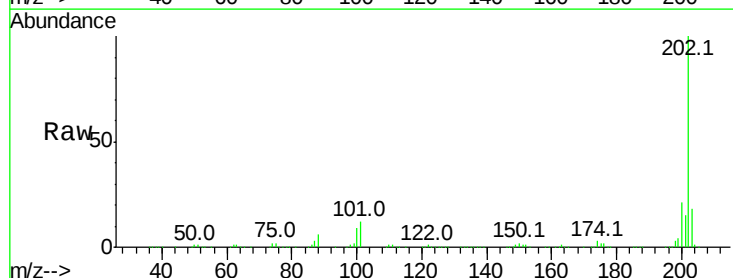
Tgt Ion:202 Resp: 1251941

Ion Ratio Lower Upper

202 100

101 12.0 0.0 34.1

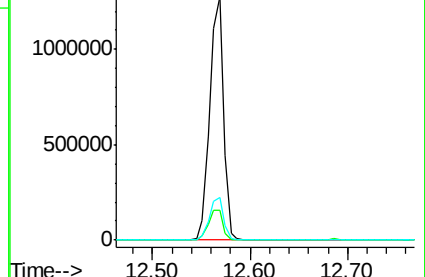
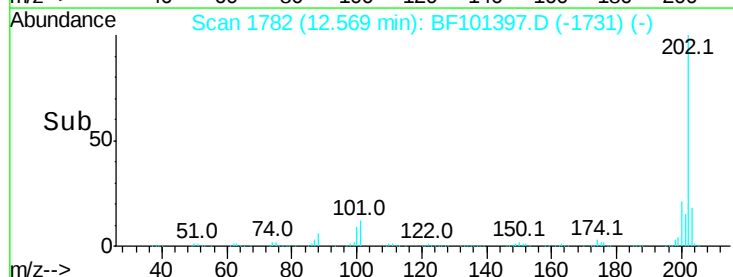
203 17.7 0.0 38.1

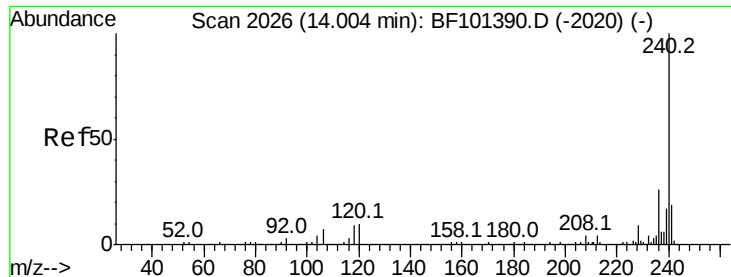


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF101397.D

Acq: 14 Dec 2017 17:03

Instrument :

BNA_F

ClientSampleId :

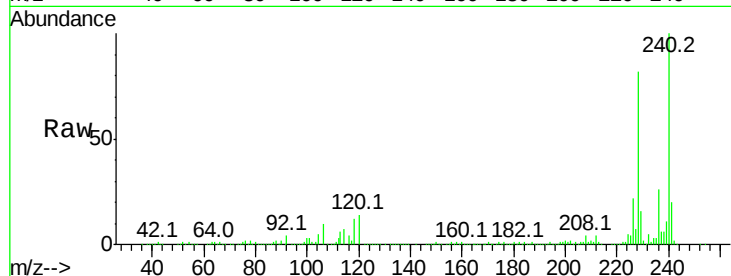
Tot Ion:240 Resp: 442089

Ion Ratio Lower Upper

240 100

120 14.2 9.5 14.3

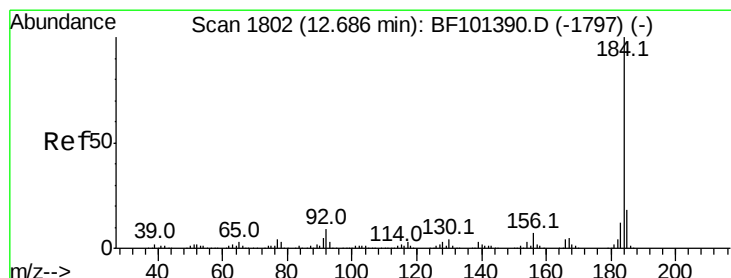
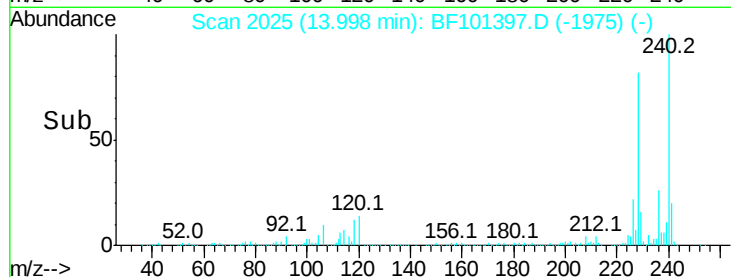
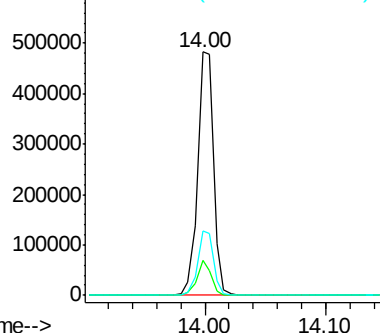
236 26.4 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 40.268 ng

RT: 12.69 min Scan# 1802

Delta R.T. -0.00 min

Lab File: BF101397.D

Acq: 14 Dec 2017 17:03

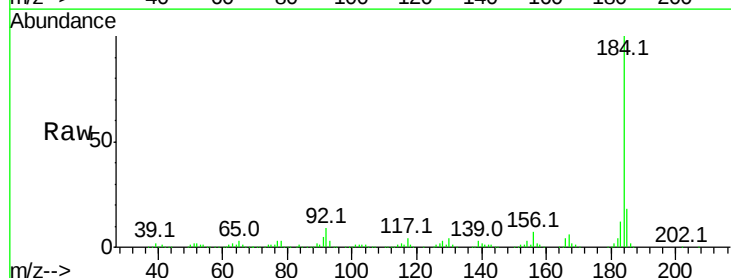
Tgt Ion:184 Resp: 751879

Ion Ratio Lower Upper

184 100

185 17.9 12.6 18.8

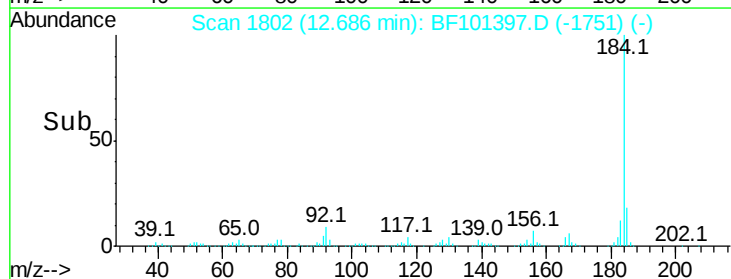
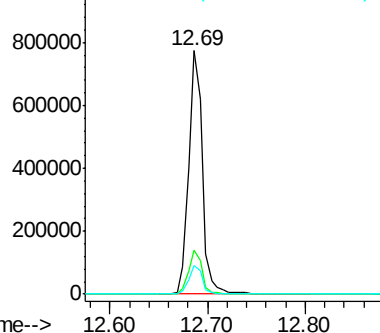
183 12.0 9.3 13.9

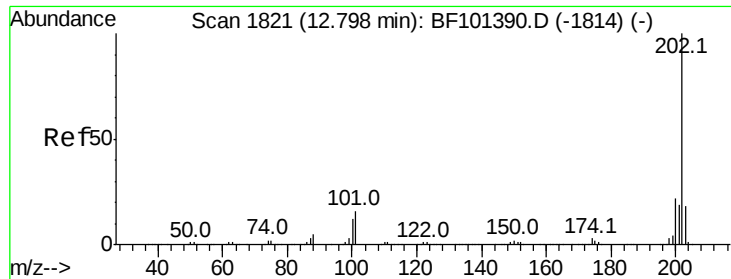


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

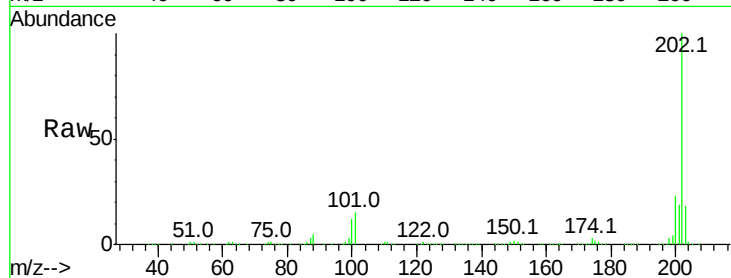




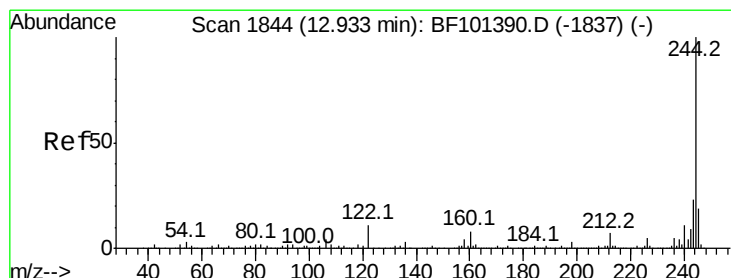
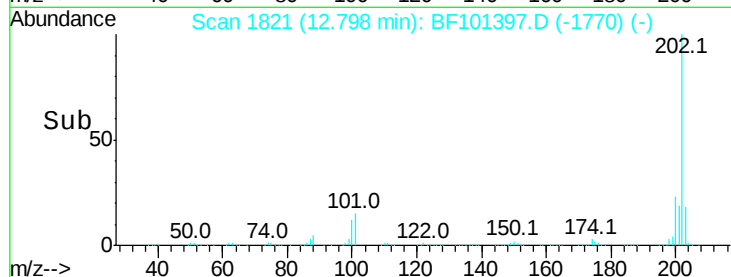
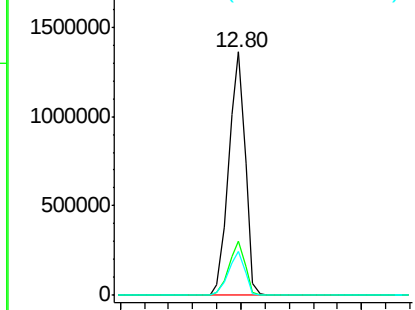
#77
Pvrene
Concen: 38.828 ng
RT: 12.80 min Scan# 1821
Delta R.T. -0.00 min
Lab File: BF101397.D
Acq: 14 Dec 2017 17:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1288258
Ion Ratio Lower Upper
202 100
200 22.5 17.4 26.2
203 17.9 14.3 21.5

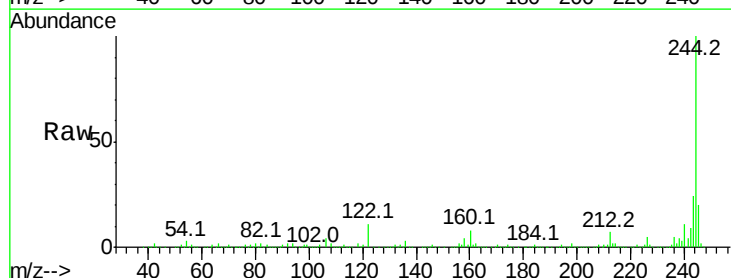


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

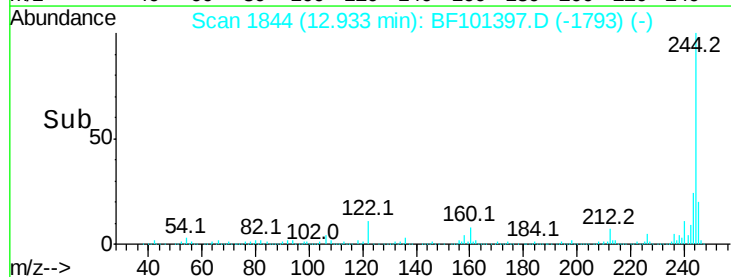
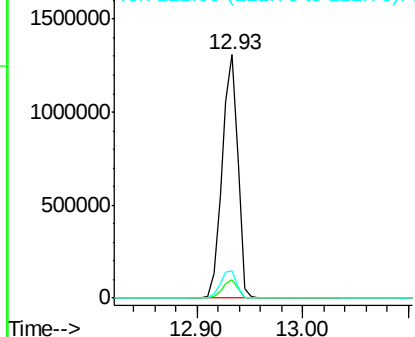


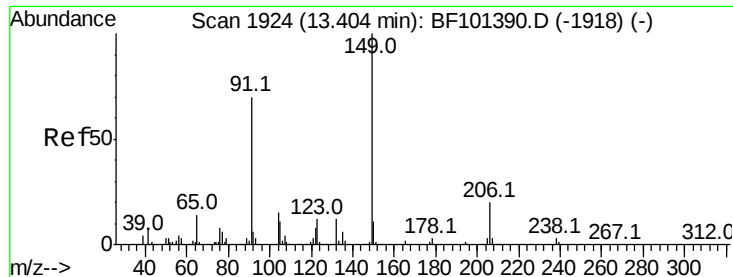
#78
Terphenyl-d14
Concen: 74.332 ng
RT: 12.93 min Scan# 1844
Delta R.T. -0.00 min
Lab File: BF101397.D
Acq: 14 Dec 2017 17:03

Tgt Ion:244 Resp: 1363111
Ion Ratio Lower Upper
244 100
212 7.4 5.4 8.0
122 11.1 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

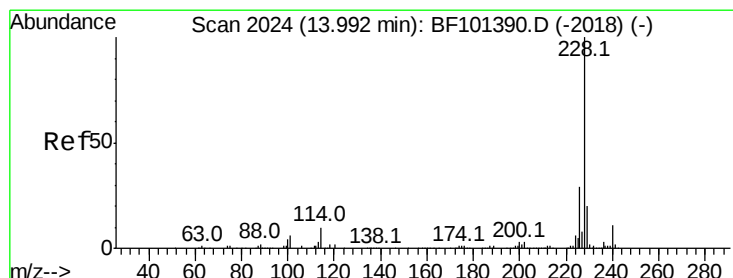
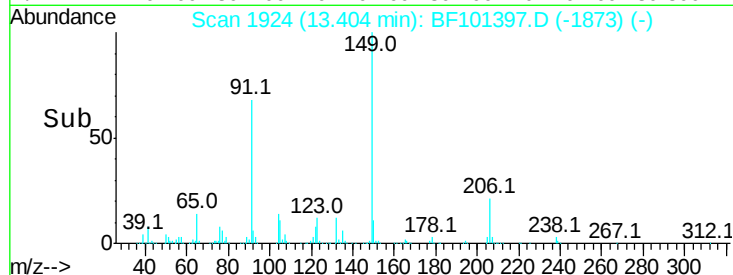
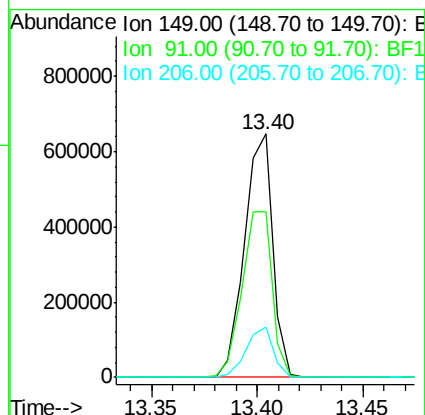
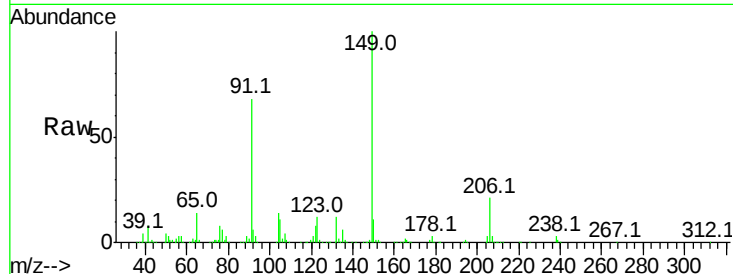




#79
Butylbenzylphthalate
Concen: 40.075 ng
RT: 13.40 min Scan# 1924
Delta R.T. -0.00 min
Lab File: BF101397.D
Acq: 14 Dec 2017 17:03

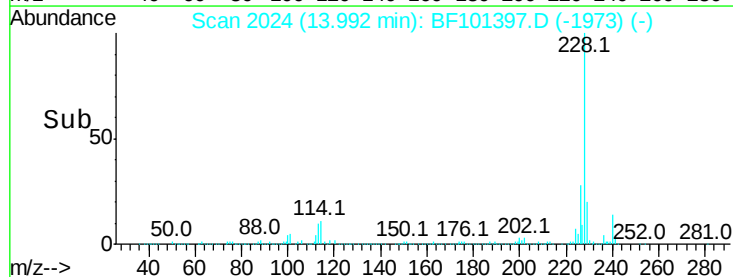
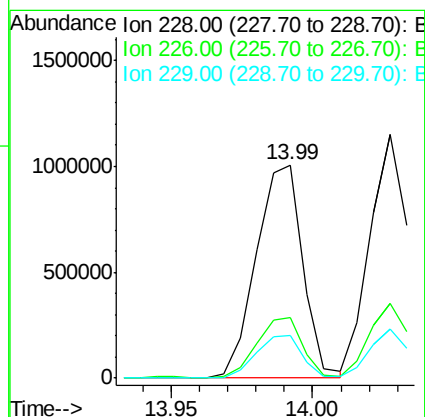
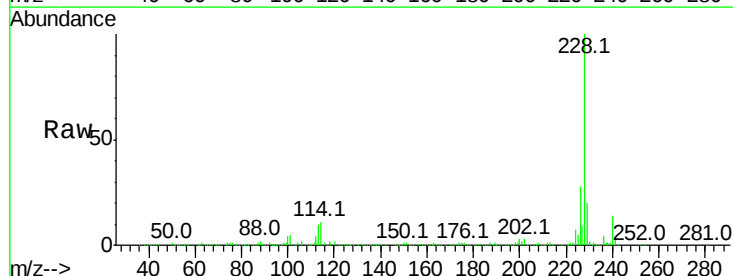
Instrument :
BNA_F
ClientSampleId :

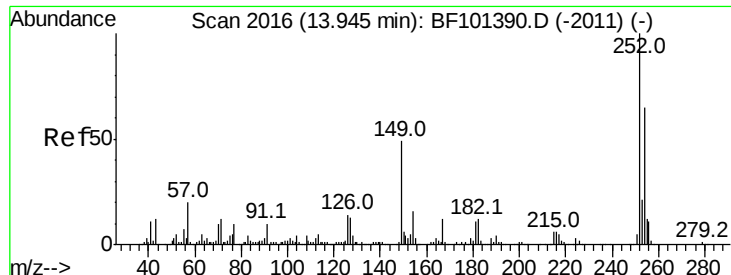
Tot Ion:149 Resp: 601631
Ion Ratio Lower Upper
149 100
91 67.8 56.8 85.2
206 20.7 14.1 21.1



#80
Benzo(a)anthracene
Concen: 39.449 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.00 min
Lab File: BF101397.D
Acq: 14 Dec 2017 17:03

Tgt Ion:228 Resp: 1151577
Ion Ratio Lower Upper
228 100
226 28.1 22.6 33.8
229 19.7 15.8 23.6

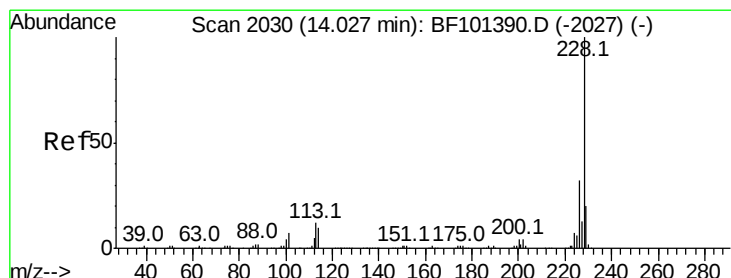
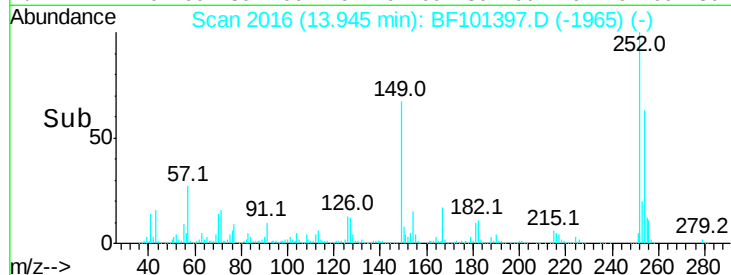
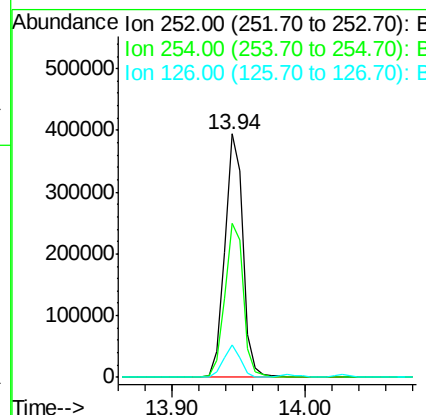
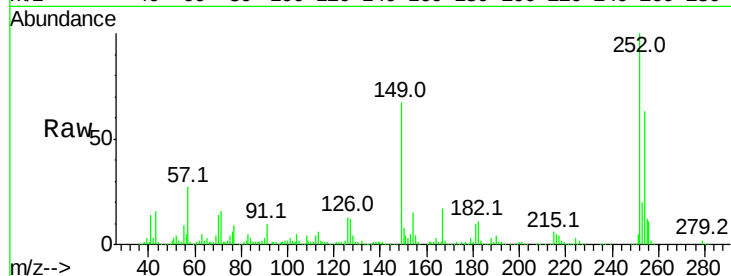




#81
 3,3'-Dichlorobenzidine
 Concen: 39.889 ng
 RT: 13.94 min Scan# 2016
 Delta R.T. -0.00 min
 Lab File: BF101397.D
 Acq: 14 Dec 2017 17:03

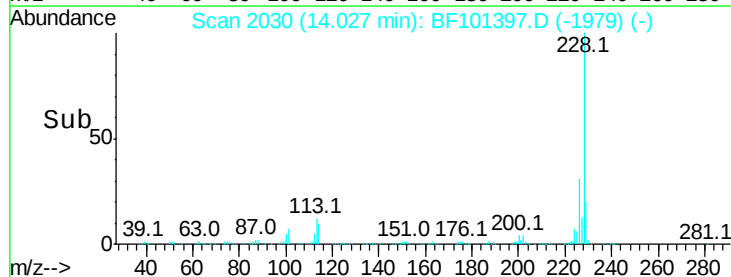
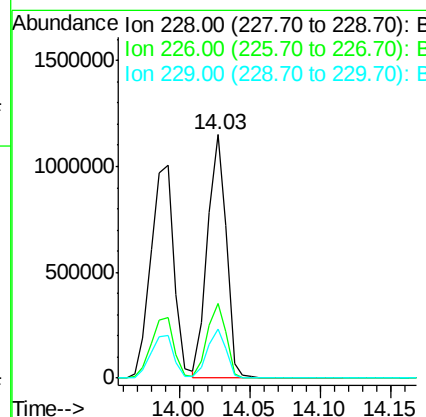
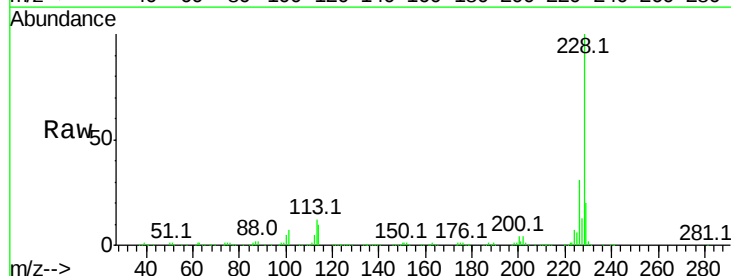
Instrument :
 BNA_F
 ClientSampled :

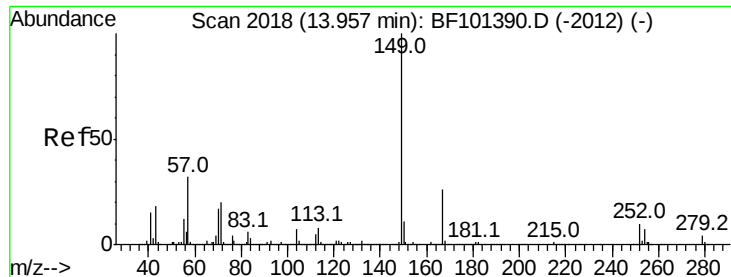
Tot Ion:	252	Resp:	379686
Ion	Ratio	Lower	Upper
252	100		
254	63.5	50.4	75.6
126	13.3	11.3	16.9



#82
 Chrysene
 Concen: 38.563 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. 0.00 min
 Lab File: BF101397.D
 Acq: 14 Dec 2017 17:03

Tgt Ion:	228	Resp:	1062879
Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.0	37.6
229	20.0	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 39.044 ng

RT: 13.96 min Scan# 2018

Delta R.T. 0.00 min

Lab File: BF101397.D

Acq: 14 Dec 2017 17:03

Instrument :

BNA_F

ClientSampleId :

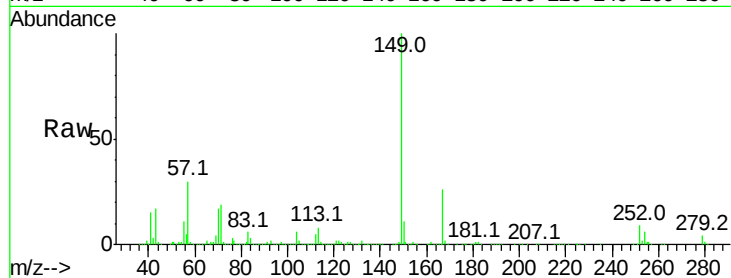
Tot Ion:149 Resp: 742424

Ion Ratio Lower Upper

149 100

167 26.5 21.3 31.9

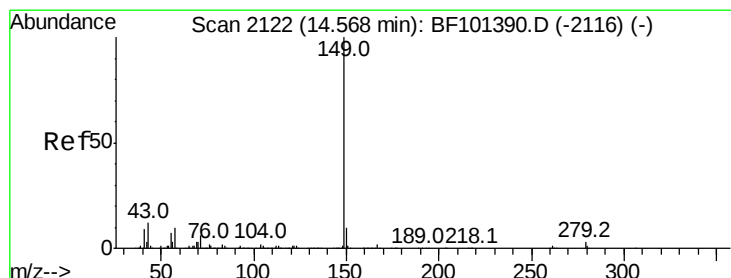
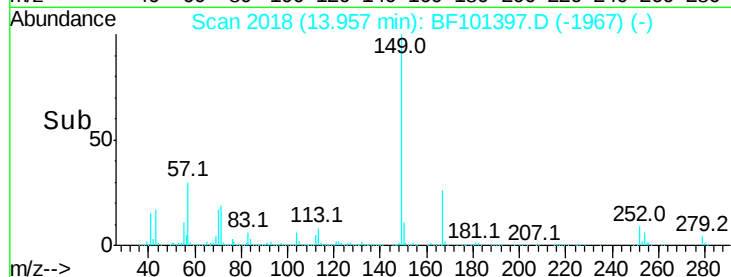
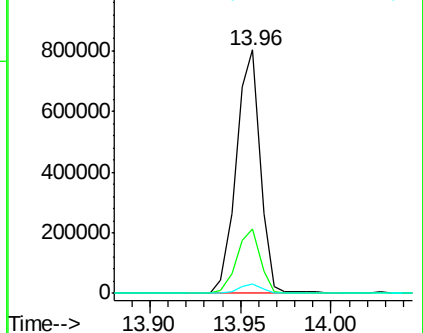
279 4.0 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 39.584 ng

RT: 14.57 min Scan# 2122

Delta R.T. -0.00 min

Lab File: BF101397.D

Acq: 14 Dec 2017 17:03

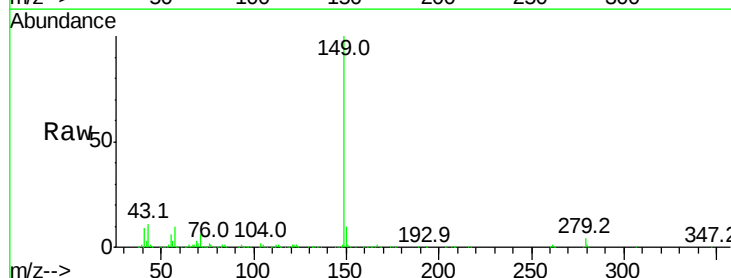
Tgt Ion:149 Resp: 1342368

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

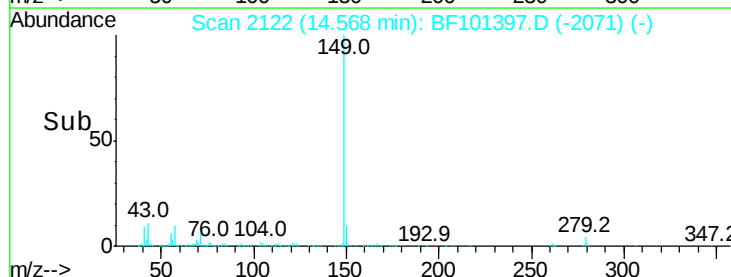
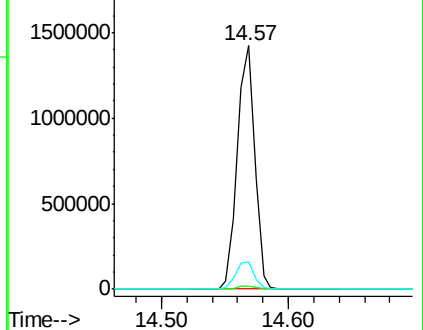
43 11.9 8.4 12.6

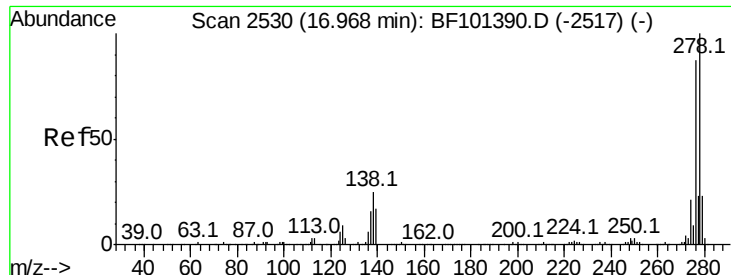


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

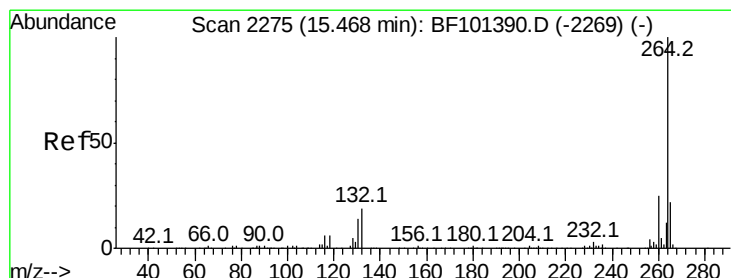
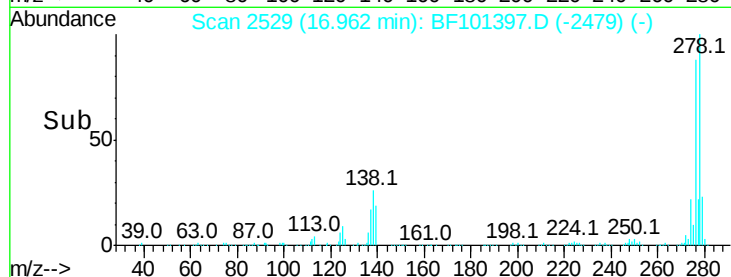
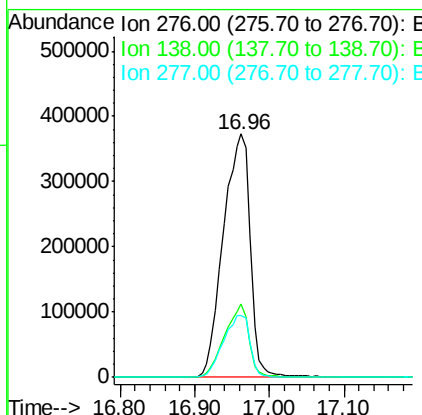
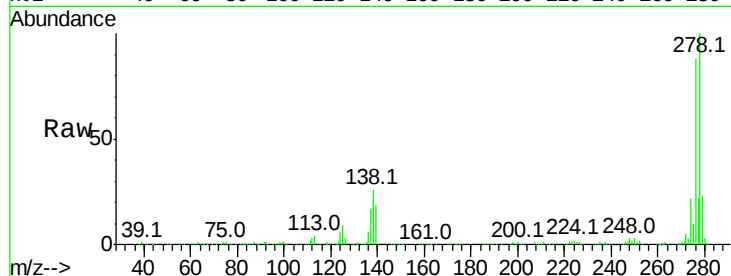




#85
Indeno(1,2,3-cd)pyrene
Concen: 38.249 ng
RT: 16.96 min Scan# 2529
Delta R.T. -0.01 min
Lab File: BF101397.D
Acq: 14 Dec 2017 17:03

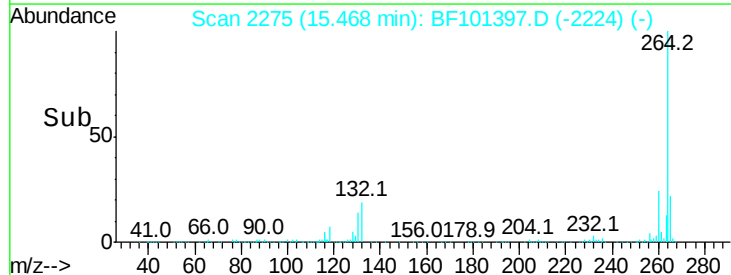
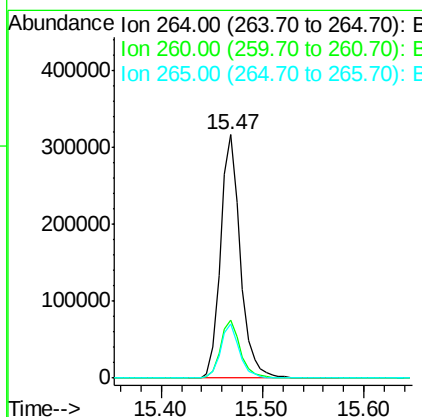
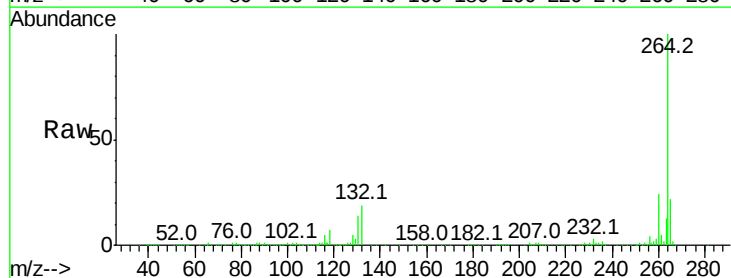
Instrument :
BNA_F
ClientSampleId :

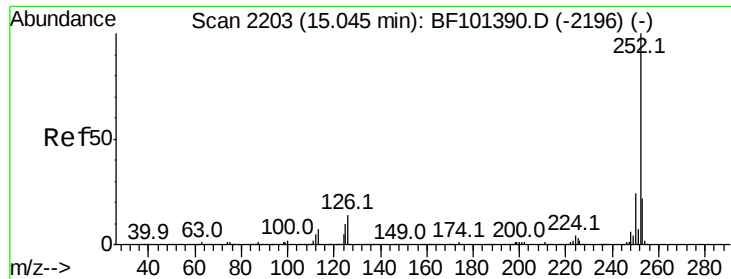
Tot Ion	Ratio	Lower	Upper
276	100		
138	27.2	25.0	37.6
277	25.3	20.1	30.1



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. 0.00 min
Lab File: BF101397.D
Acq: 14 Dec 2017 17:03

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	22.2	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 40.818 ng

RT: 15.04 min Scan# 2203

Delta R.T. -0.00 min

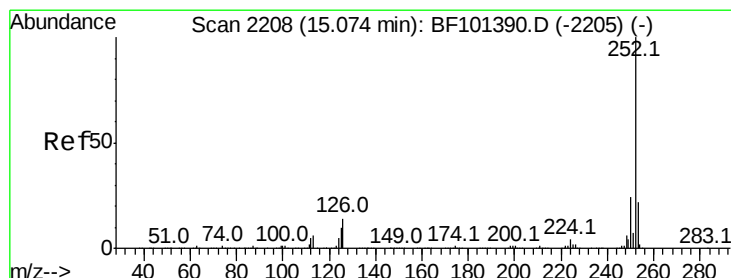
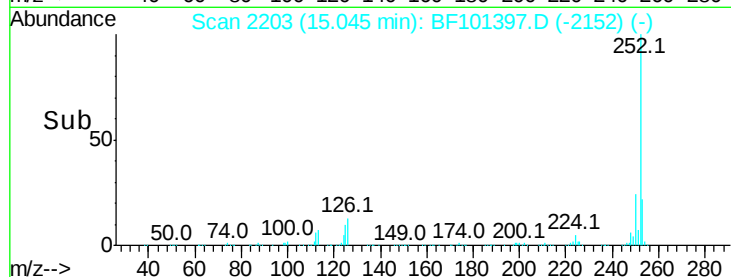
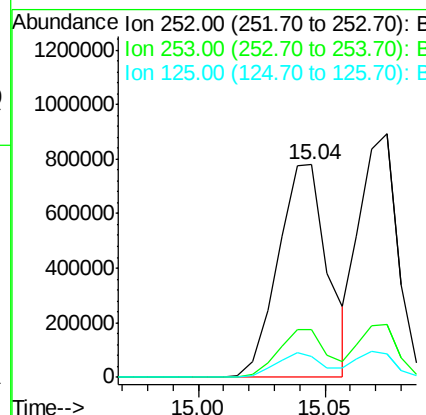
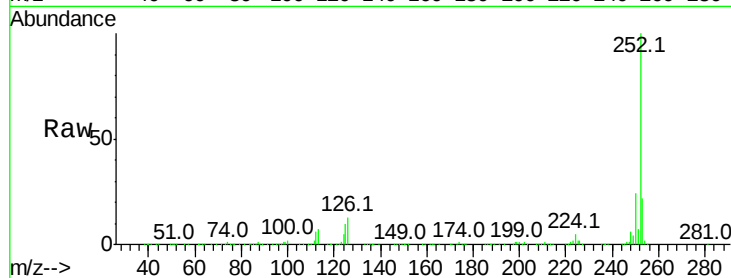
Lab File: BF101397.D

Acq: 14 Dec 2017 17:03

Instrument :
BNA_F
ClientSampled :

Tot Ion:252 Resp: 1065830

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.0	25.6
125	10.0	9.0	13.6



#88

Benzo(k)fluoranthene

Concen: 37.439 ng

RT: 15.07 min Scan# 2208

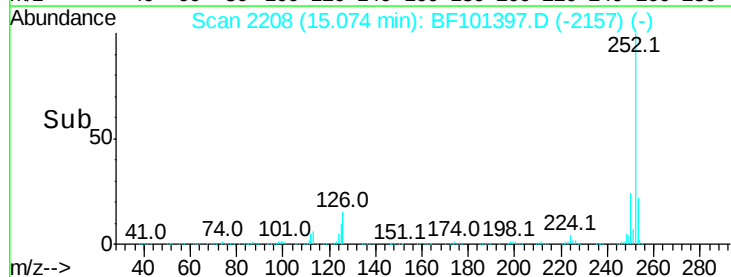
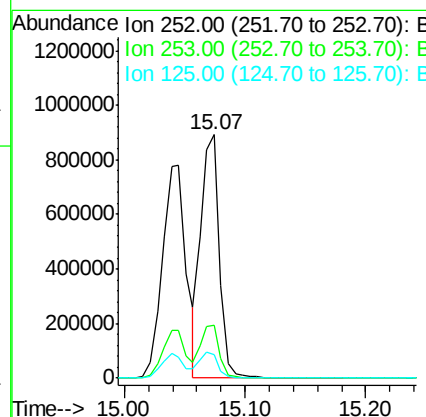
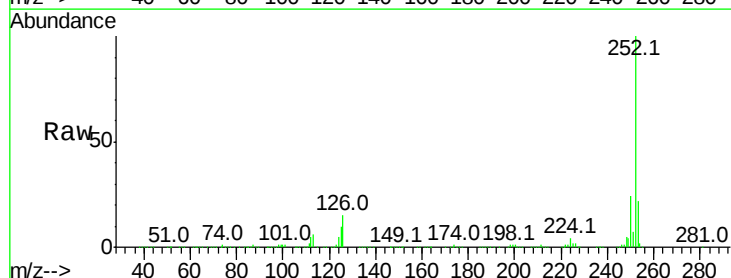
Delta R.T. -0.00 min

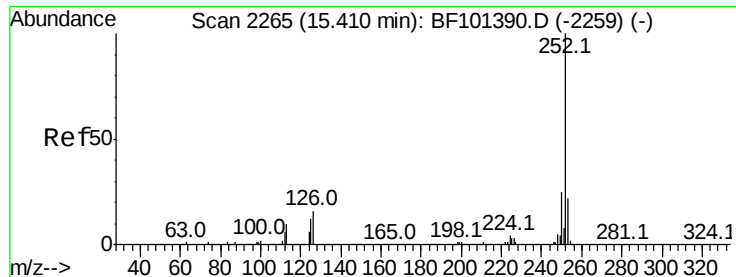
Lab File: BF101397.D

Acq: 14 Dec 2017 17:03

Tgt Ion:252 Resp: 950491

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.9	26.9
125	9.9	10.2	15.2#

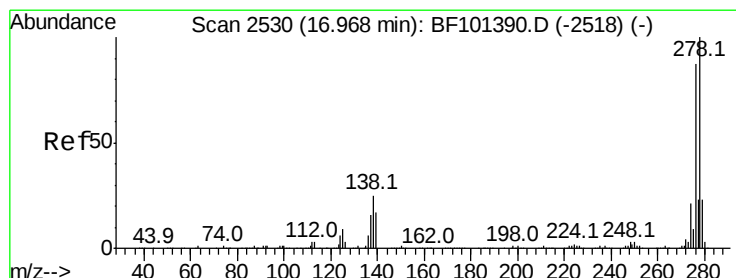
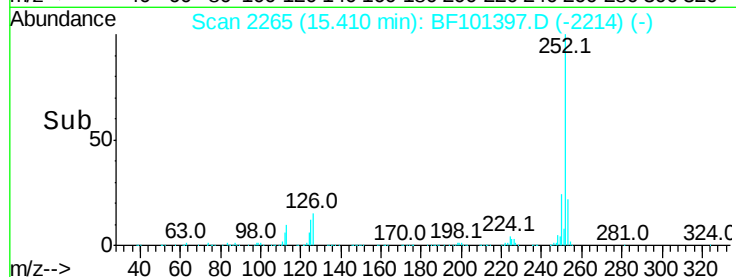
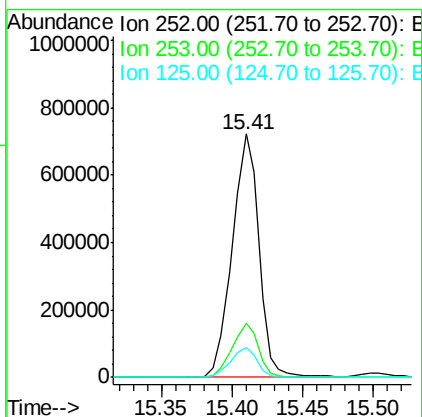
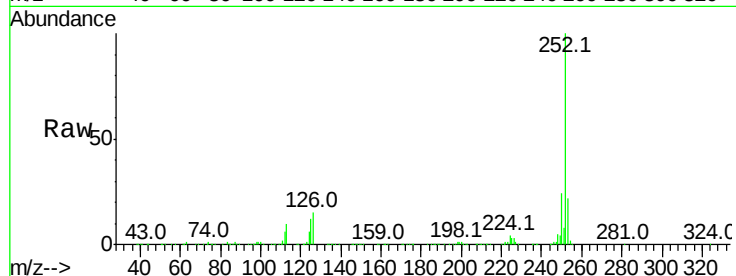




#89
Benzo(a)pyrene
Concen: 39.508 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.00 min
Lab File: BF101397.D
Acq: 14 Dec 2017 17:03

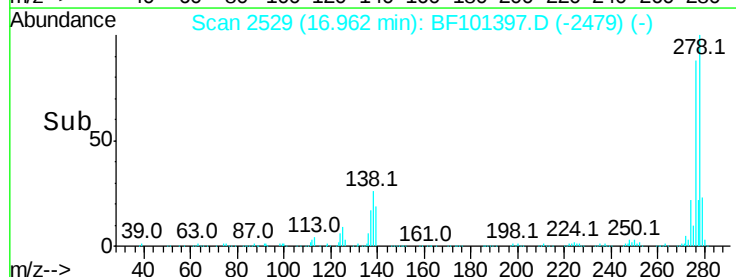
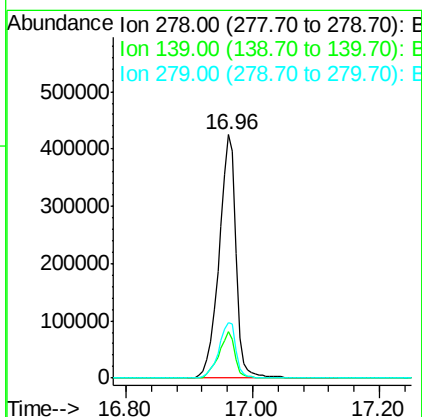
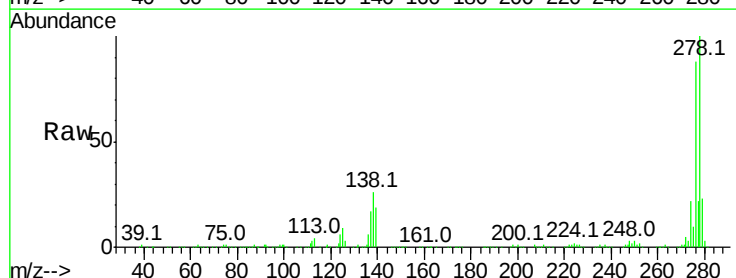
Instrument :
BNA_F
ClientSampled :

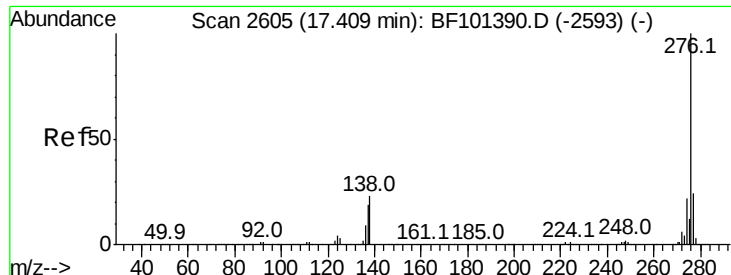
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.1	25.7
125	12.0	9.8	14.6



#90
Dibenzo(a,h)anthracene
Concen: 38.297 ng
RT: 16.96 min Scan# 2529
Delta R.T. -0.01 min
Lab File: BF101397.D
Acq: 14 Dec 2017 17:03

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.9	15.9	23.9
279	23.0	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 38.979 ng

RT: 17.40 min Scan# 2604

Delta R.T. -0.01 min

Lab File: BF101397.D

Acq: 14 Dec 2017 17:03

Instrument :

BNA_F

ClientSampleId :

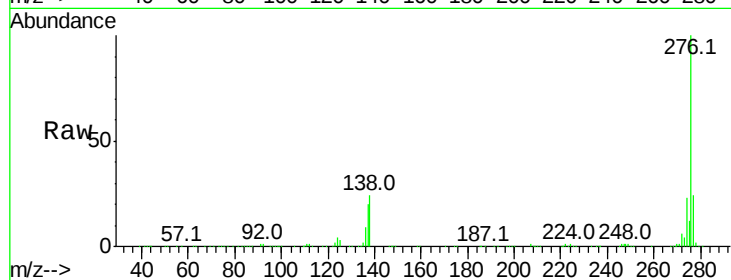
Tot Ion: 276 Resp: 797699

Ion Ratio Lower Upper

276 100

277 23.5 17.9 26.9

138 23.8 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

