

Data Path : U:\HPCHEM1\BNA F\DATA\BF011218\
 Data File : BF102043.D
 Acq On : 12 Jan 2018 15:24
 Operator : SJ/JU
 Sample : PB105599BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 12 21:52:37 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 11 12:53:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	224075	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	933308	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	407844	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	705216	20.00	ng	0.00
75) Chrysene-d12	13.88	240	464833	20.00	ng	0.00
86) Perylene-d12	15.29	264	369819	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.35	112	1755204	110.61	ng	0.02
7) Phenol-d6	6.37	99	2124066	112.19	ng	0.00
23) Nitrobenzene-d5	7.30	82	1374401	86.54	ng	0.00
41) 2,4,6-Tribromophenol	10.56	330	433435	121.78	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	2170976	83.16	ng	0.00
78) Terphenyl-d14	12.83	244	1899393	84.84	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.49	88	265931	33.581	ng	94
3) Pyridine	3.19	79	754627	34.894	ng	95
4) n-Nitrosodimethylamine	3.15	42	373441	41.236	ng	98
6) Aniline	6.39	93	701381	26.287	ng	97
8) 2-Chlorophenol	6.52	128	641385	40.301	ng	99
9) Benzaldehyde	6.27	77	123907	9.426	ng	95
10) Phenol	6.38	94	779948	36.453	ng	88
11) bis(2-Chloroethyl)ether	6.47	93	626257	38.455	ng	99
12) 1,3-Dichlorobenzene	6.67	146	687903	37.496	ng	99
13) 1,4-Dichlorobenzene	6.75	146	690046	37.693	ng	100
14) 1,2-Dichlorobenzene	6.90	146	630835	37.230	ng	99
15) Benzyl Alcohol	6.87	79	526001	37.982	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.00	45	1147019	38.208	ng	98
17) 2-Methylphenol	6.99	107	567980	39.562	ng	98
18) Hexachloroethane	7.24	117	256593	39.803	ng	95
19) n-Nitroso-di-n-propylamine	7.15	70	452229	36.449	ng	94
20) 3+4-Methylphenols	7.14	107	626657	36.353	ng	# 76
22) Acetophenone	7.15	105	879241	39.099	ng	# 89
24) Nitrobenzene	7.32	77	689216	40.385	ng	99
25) Isophorone	7.56	82	1305147	41.589	ng	100
26) 2-Nitrophenol	7.63	139	376446	52.701	ng	98
27) 2,4-Dimethylphenol	7.67	122	606221	45.443	ng	98
28) bis(2-Chloroethoxy)methane	7.77	93	806357	42.555	ng	100
29) 2,4-Dichlorophenol	7.87	162	547106	43.191	ng	99
30) 1,2,4-Trichlorobenzene	7.95	180	528657	39.900	ng	98
31) Naphthalene	8.03	128	1816197	38.944	ng	99
32) Benzoic acid	7.80	122	457404	45.216	ng	98
33) 4-Chloroaniline	8.08	127	289345	14.536	ng	98
34) Hexachlorobutadiene	8.15	225	273357	38.977	ng	97
35) Caprolactam	8.47	113	113788	26.167	ng	96
36) 4-Chloro-3-methylphenol	8.57	107	595138	42.921	ng	98
37) 2-Methylnaphthalene	8.72	142	1244082	40.522	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	456901	39.599	ng	97
40) Hexachlorocyclopentadiene	8.87	237	568033	90.019	ng	96

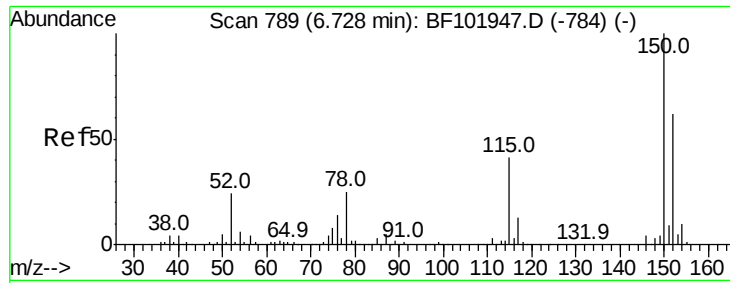
Data Path : U:\HPCHEM1\BNA F\DATA\BF011218\
 Data File : BF102043.D
 Acq On : 12 Jan 2018 15:24
 Operator : SJ/JU
 Sample : PB105599BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 12 21:52:37 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 11 12:53:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	359925	45.267	nq	99
43) 2,4,5-Trichlorophenol	9.05	196	369190	41.082	nq	96
45) 1,1'-Biphenyl	9.19	154	1414726	39.244	nq	99
46) 2-Chloronaphthalene	9.22	162	1089089	38.959	nq	97
47) 2-Nitroaniline	9.31	65	382244	45.648	nq	93
48) Acenaphthylene	9.63	152	1670699	37.659	nq	100
49) Dimethylphthalate	9.50	163	1286687	39.327	nq	100
50) 2,6-Dinitrotoluene	9.56	165	297156	45.469	nq	98
51) Acenaphthene	9.80	154	993533	36.898	nq	99
52) 3-Nitroaniline	9.72	138	238042	28.860	nq	97
53) 2,4-Dinitrophenol	9.83	184	296174	114.410	nq #	20
54) Dibenzofuran	9.97	168	1438751	38.932	nq	99
55) 4-Nitrophenol	9.89	139	539510	87.772	nq	97
56) 2,4-Dinitrotoluene	9.96	165	388250	47.398	nq #	95
57) Fluorene	10.32	166	1049528	41.083	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.09	232	287397	44.921	nq	99
59) Diethylphthalate	10.20	149	1248195	38.353	nq	98
60) 4-Chlorophenyl-phenylether	10.30	204	456391	41.954	nq	97
61) 4-Nitroaniline	10.35	138	346235	44.232	nq	90
62) Azobenzene	10.47	77	1268578	39.178	nq	97
64) 4,6-Dinitro-2-methylphenol	10.36	198	179858	47.082	nq	96
65) n-Nitrosodiphenylamine	10.43	169	1029628	38.990	nq	99
66) 4-Bromophenyl-phenylether	10.80	248	304384	40.871	nq	91
67) Hexachlorobenzene	10.86	284	322695	39.690	nq	92
68) Atrazine	10.96	200	326735	42.813	nq	98
69) Pentachlorophenol	11.05	266	363265	73.272	nq	98
70) Phenanthrene	11.27	178	1551510	37.664	nq	99
71) Anthracene	11.32	178	1648661	39.462	nq	99
72) Carbazole	11.48	167	1541703	37.544	nq	99
73) Di-n-butylphthalate	11.82	149	1902047	37.754	nq	99
74) Fluoranthene	12.46	202	1579050	38.961	nq	99
76) Benzidine	12.58	184	511985	22.809	nq	98
77) Pyrene	12.69	202	1621856	39.472	nq	99
79) Butylbenzylphthalate	13.31	149	787837	41.781	nq	98
80) Benzo(a)anthracene	13.87	228	1129567	38.087	nq	100
81) 3,3'-Dichlorobenzidine	13.84	252	322569	29.375	nq	99
82) Chrysene	13.91	228	1188427	38.430	nq	100
83) Bis(2-ethylhexyl)phthalate	13.87	149	849316	39.263	nq	98
84) Di-n-octyl phthalate	14.48	149	1585976	44.183	nq	98
85) Indeno(1,2,3-cd)pyrene	16.67	276	922218	40.973	nq	96
87) Benzo(b)fluoranthene	14.89	252	998216	41.397	nq	98
88) Benzo(k)fluoranthene	14.92	252	960301	41.283	nq	99
89) Benzo(a)pyrene	15.24	252	910255	41.950	nq	98
90) Dibenzo(a,h)anthracene	16.69	278	759881	43.883	nq	97
91) Benzo(g,h,i)perylene	17.09	276	800120	45.871	nq	98

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

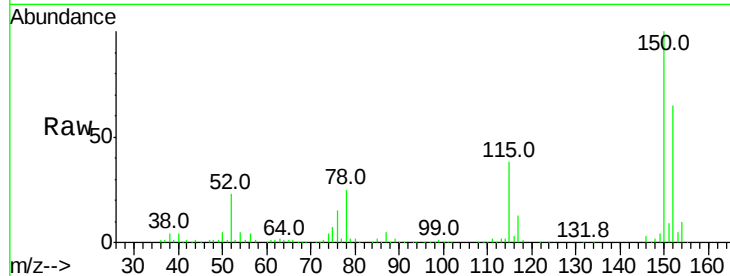


#1

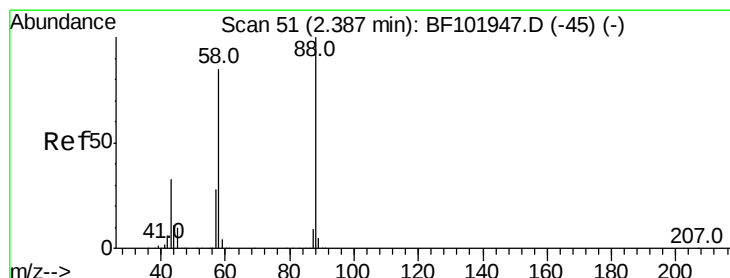
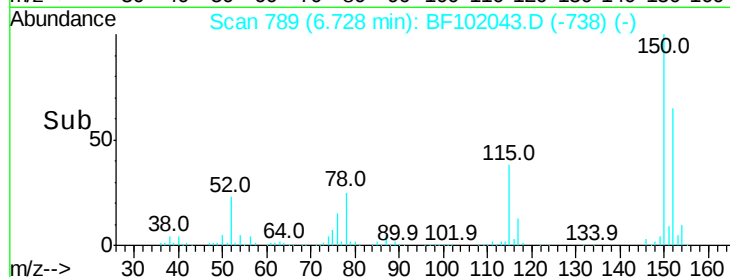
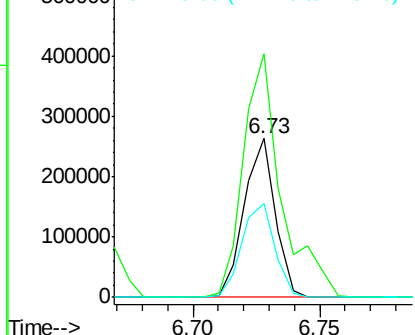
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. 0.00 min
Lab File: BF102043.D
Acq: 12 Jan 2018 15:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 224075
Ion Ratio Lower Upper
152 100
150 153.6 124.6 186.8
115 59.0 50.1 75.1



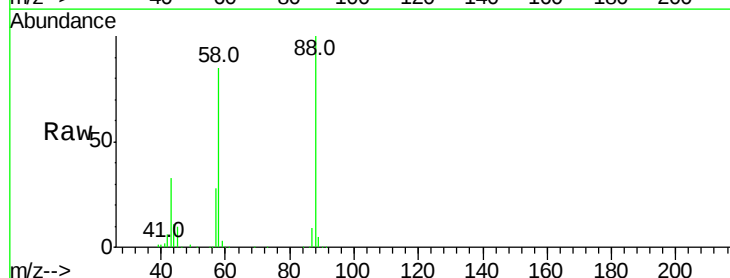
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



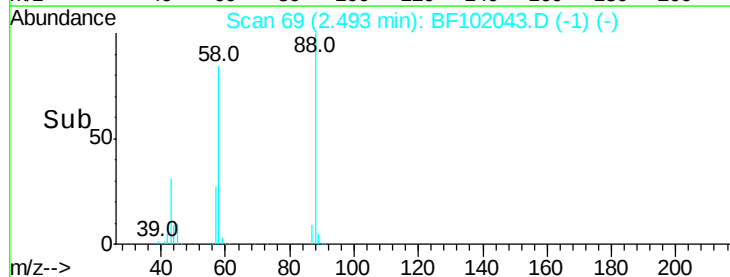
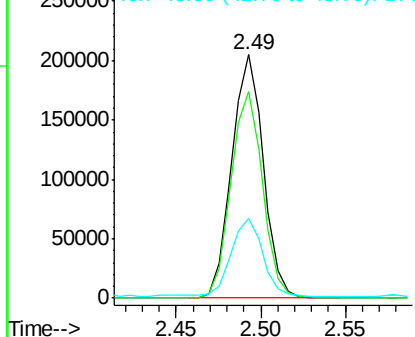
#2

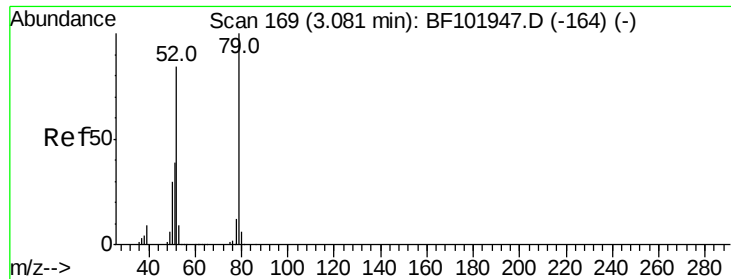
1,4-Dioxane
Concen: 33.581 ng
RT: 2.49 min Scan# 69
Delta R.T. 0.10 min
Lab File: BF102043.D
Acq: 12 Jan 2018 15:24

Tgt Ion: 88 Resp: 265931
Ion Ratio Lower Upper
88 100
58 84.4 62.6 93.8
43 32.4 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: 34.894 ng

RT: 3.19 min Scan# 188

Delta R.T. 0.10 min

Lab File: BF102043.D

Acq: 12 Jan 2018 15:24

Instrument :

BNA_F

ClientSampleId :

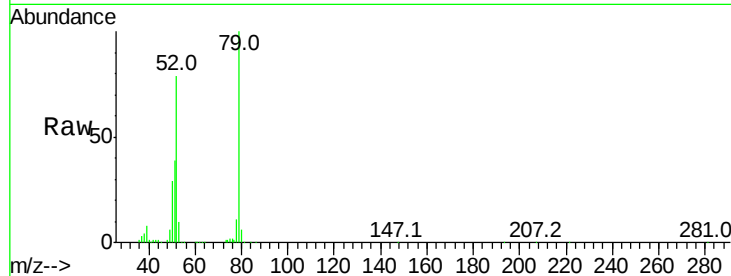
Tot Ion: 79 Resp: 754627

Ion Ratio Lower Upper

79 100

52 79.4 59.8 89.6

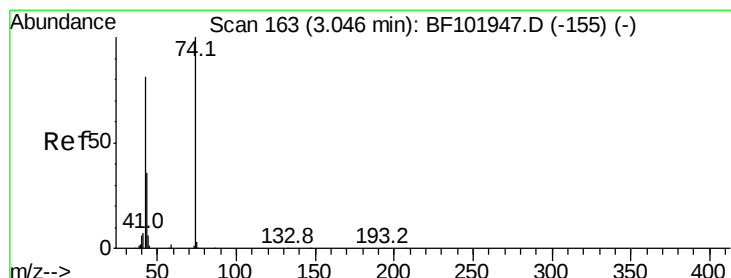
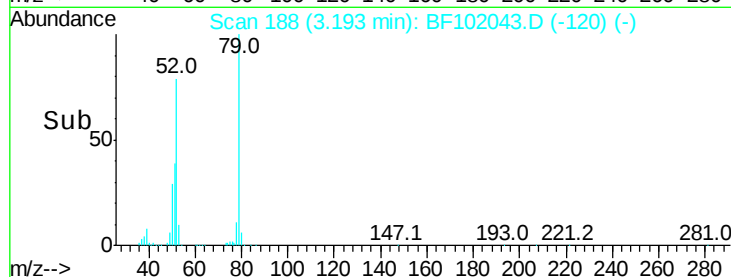
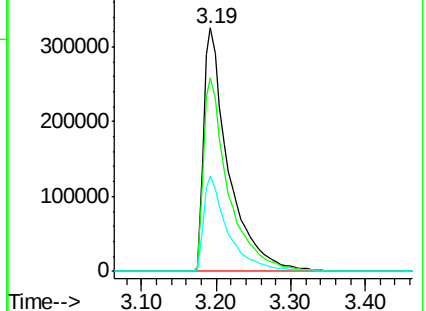
51 39.3 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 41.236 ng

RT: 3.15 min Scan# 181

Delta R.T. 0.10 min

Lab File: BF102043.D

Acq: 12 Jan 2018 15:24

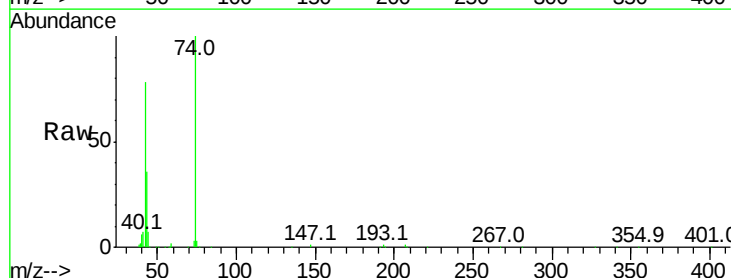
Tgt Ion: 42 Resp: 373441

Ion Ratio Lower Upper

42 100

74 129.0 104.9 157.3

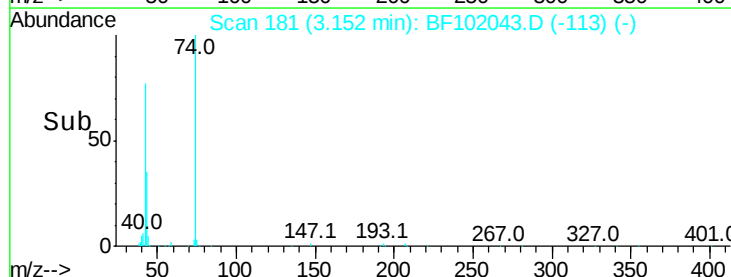
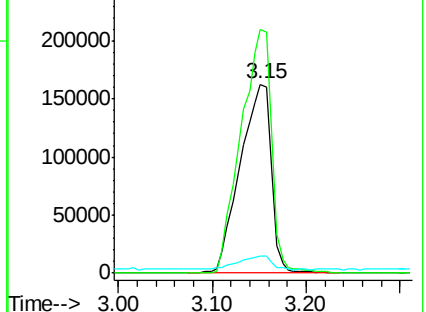
44 8.8 6.9 10.3

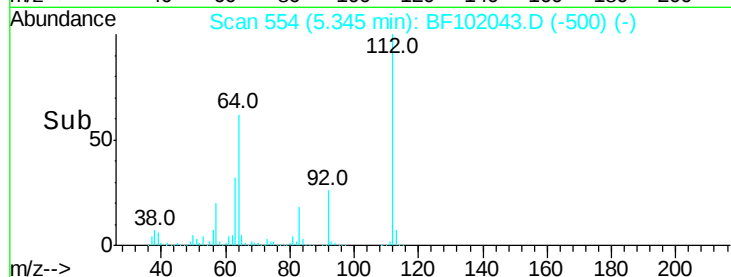
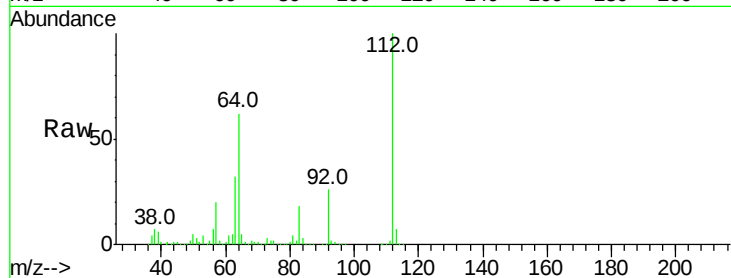
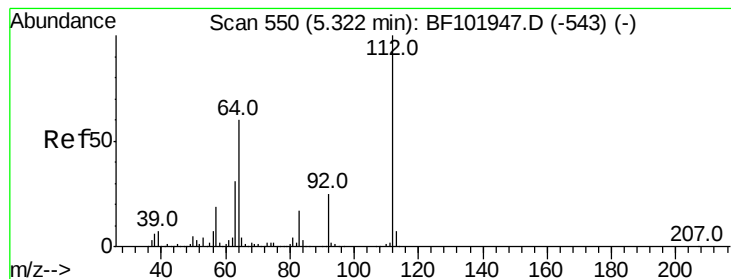


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 110.610 ng

RT: 5.35 min Scan# 554

Delta R.T. 0.02 min

Lab File: BF102043.D

Acq: 12 Jan 2018 15:24

Instrument :

BNA_F

ClientSampleId :

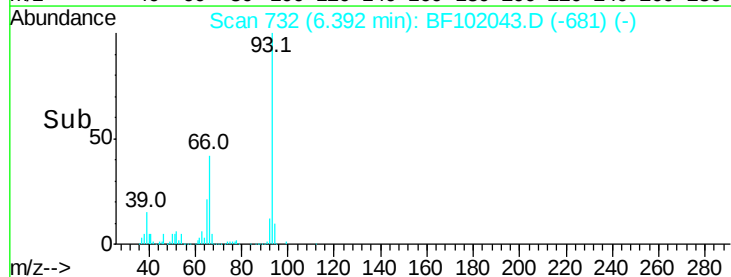
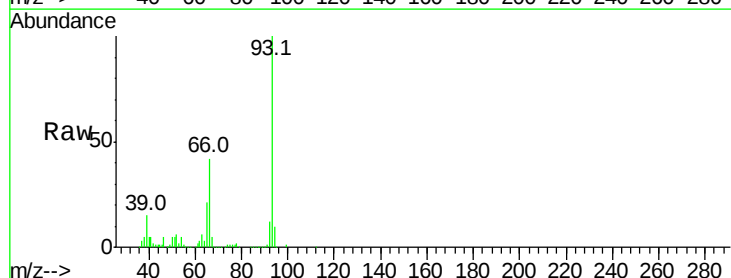
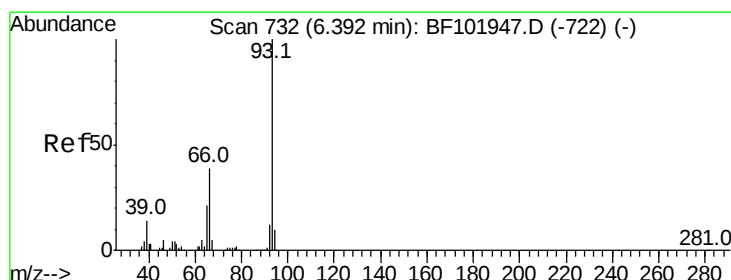
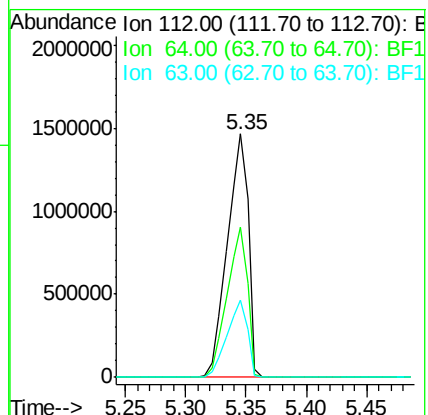
Tot Ion:112 Resp: 1755204

Ion Ratio Lower Upper

112 100

64 61.8 47.9 71.9

63 31.8 23.7 35.5



#6

Aniline

Concen: 26.287 ng

RT: 6.39 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF102043.D

Acq: 12 Jan 2018 15:24

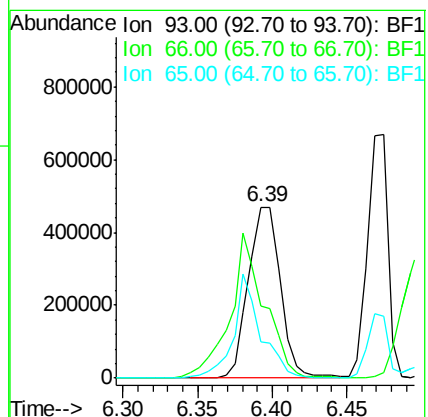
Tgt Ion: 93 Resp: 701381

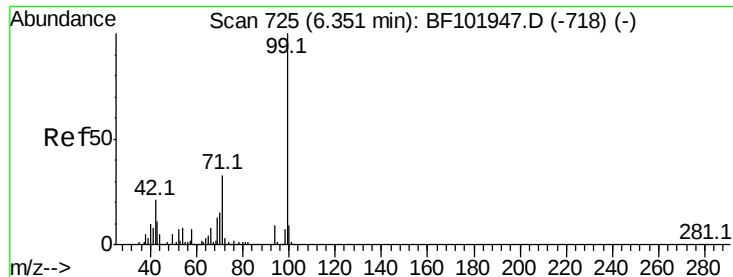
Ion Ratio Lower Upper

93 100

66 42.5 32.2 48.2

65 20.8 16.4 24.6





#7

Phenol-d6

Concen: 112.191 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.01 min

Lab File: BF102043.D

Acq: 12 Jan 2018 15:24

Instrument :

BNA_F

ClientSampleId :

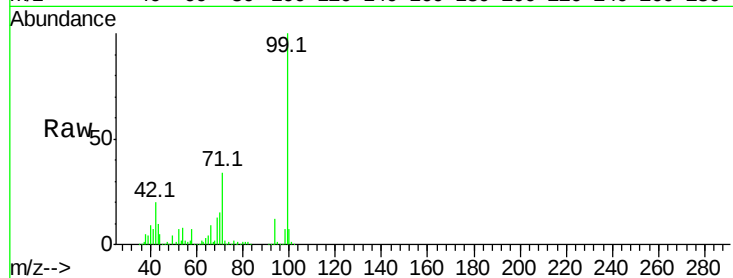
Tot Ion: 99 Resp: 2124066

Ion Ratio Lower Upper

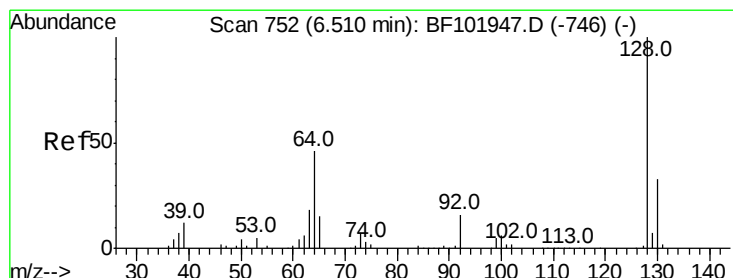
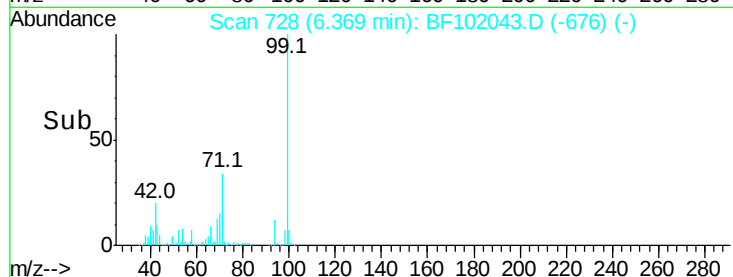
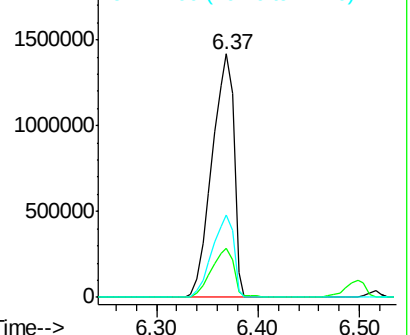
99 100

42 20.2 14.5 21.7

71 33.9 25.4 38.0



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



#8

2-Chlorophenol

Concen: 40.301 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF102043.D

Acq: 12 Jan 2018 15:24

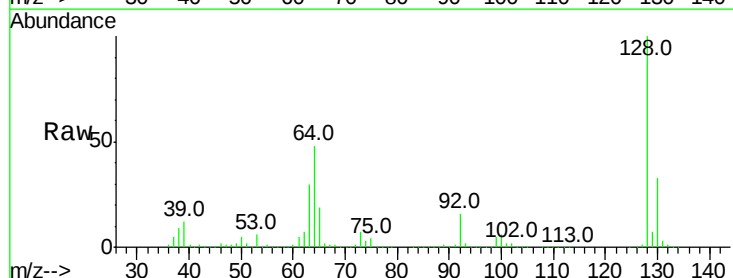
Tgt Ion: 128 Resp: 641385

Ion Ratio Lower Upper

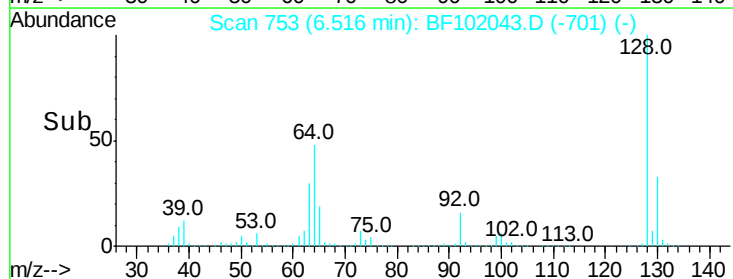
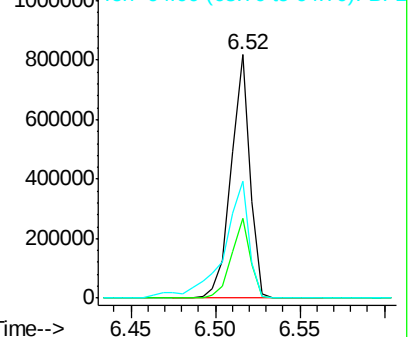
128 100

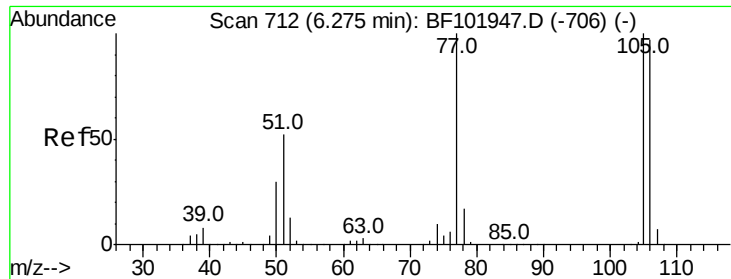
130 32.9 13.0 53.0

64 48.0 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: 9.426 ng

RT: 6.27 min Scan# 712

Delta R.T. 0.00 min

Lab File: BF102043.D

Acq: 12 Jan 2018 15:24

Instrument :

BNA_F

ClientSampleId :

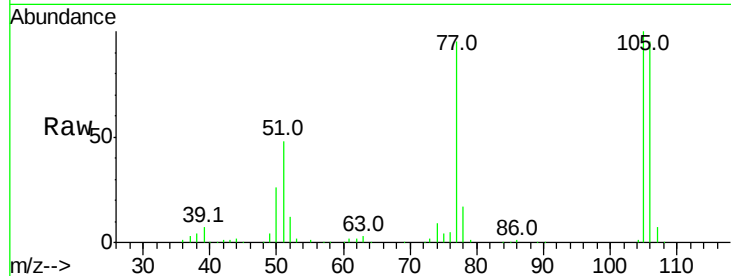
Tot Ion: 77 Resp: 123907

Ion Ratio Lower Upper

77 100

105 105.5 81.1 121.1

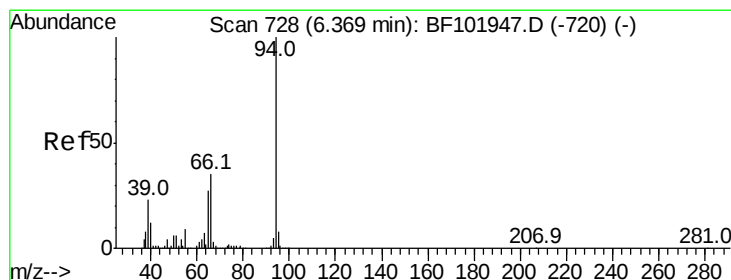
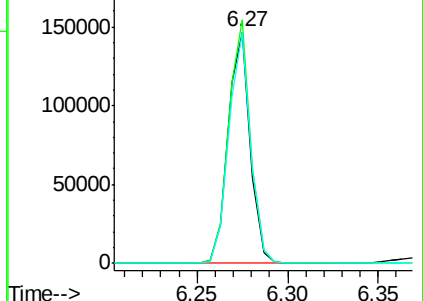
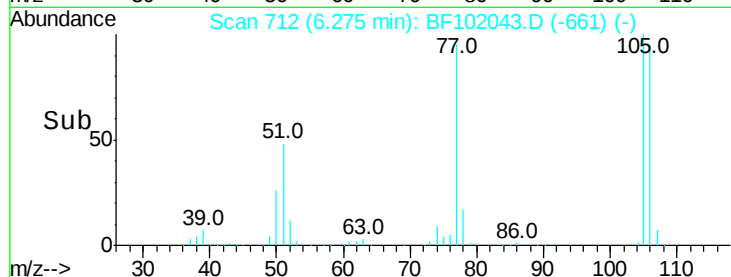
106 99.9 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 36.453 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.01 min

Lab File: BF102043.D

Acq: 12 Jan 2018 15:24

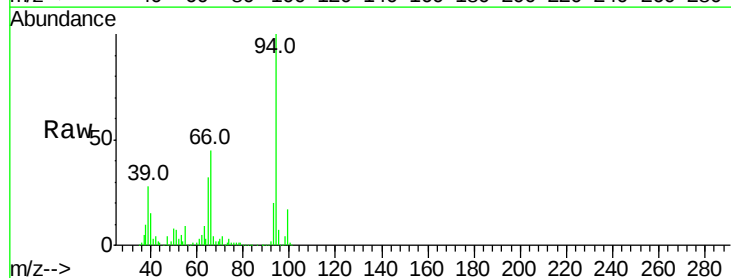
Tgt Ion: 94 Resp: 779948

Ion Ratio Lower Upper

94 100

65 32.5 7.9 47.9

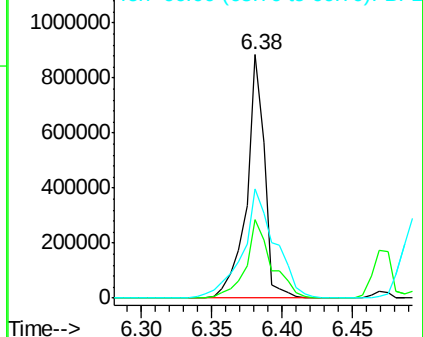
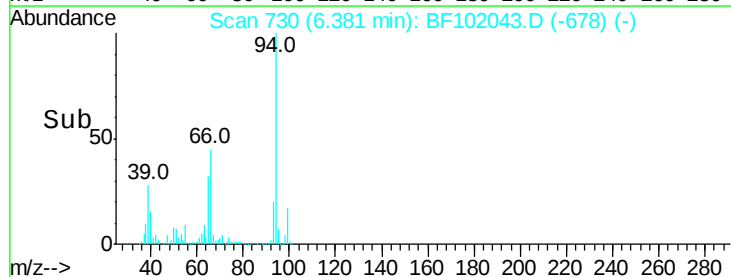
66 45.1 16.2 56.2

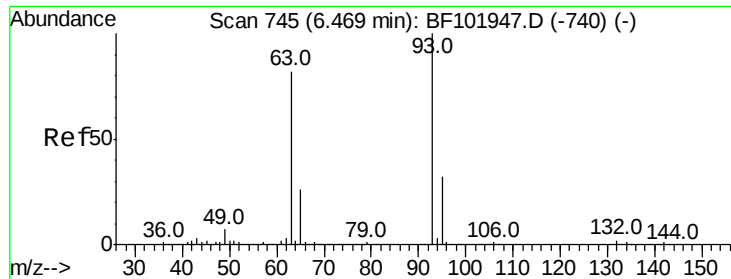


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

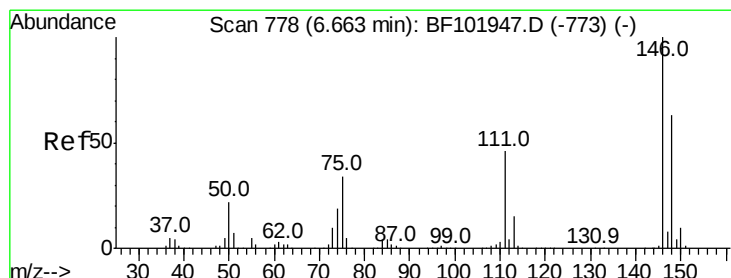
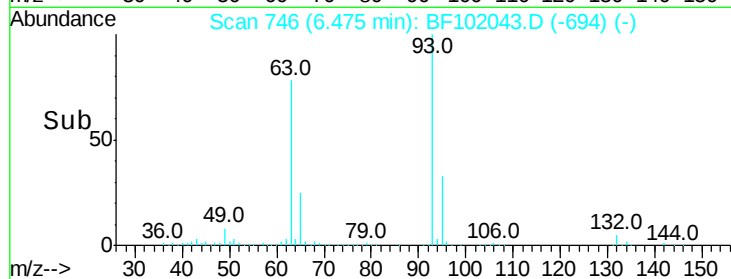
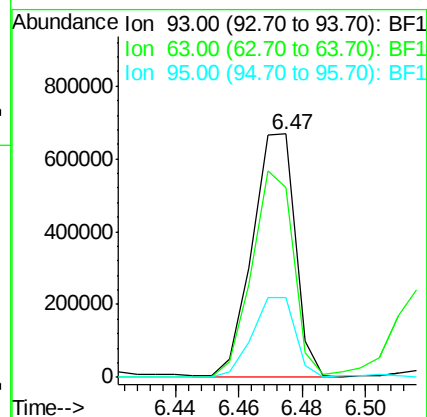
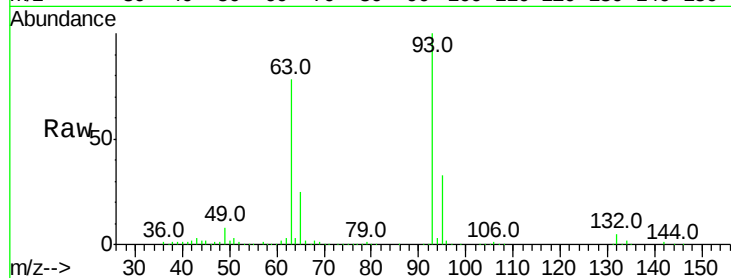




#11
bis(2-Chloroethyl)ether
Concen: 38.455 ng
RT: 6.47 min Scan# 746
Delta R.T. 0.01 min
Lab File: BF102043.D
Acq: 12 Jan 2018 15:24

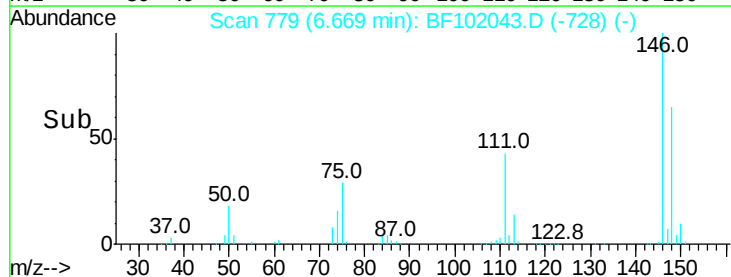
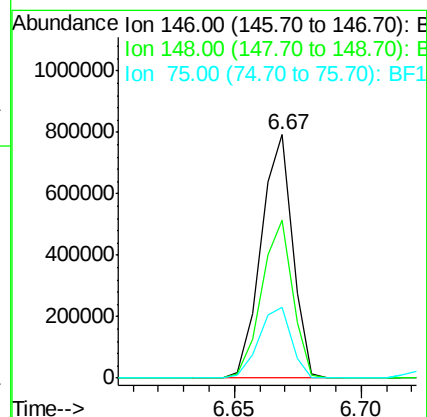
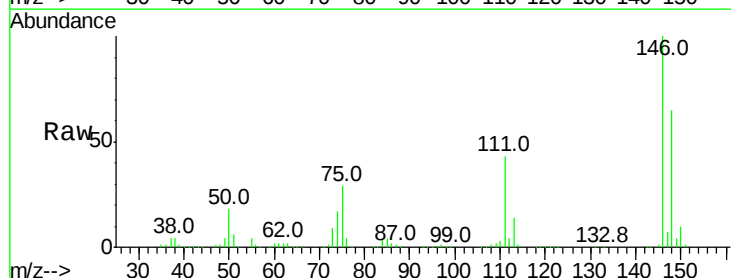
Instrument :
BNA_F
ClientSampleId :

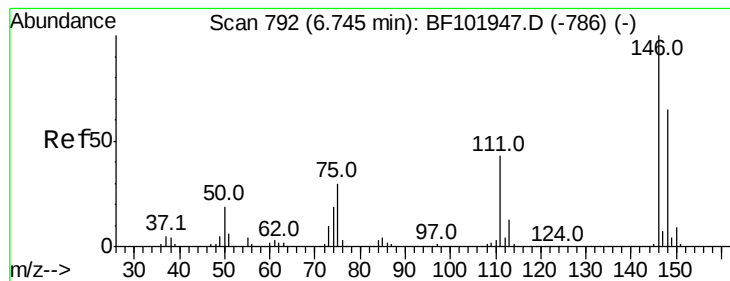
Tot Ion: 93 Resp: 626257
Ion Ratio Lower Upper
93 100
63 78.2 58.6 98.6
95 33.0 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 37.496 ng
RT: 6.67 min Scan# 779
Delta R.T. 0.00 min
Lab File: BF102043.D
Acq: 12 Jan 2018 15:24

Tgt Ion: 146 Resp: 687903
Ion Ratio Lower Upper
146 100
148 64.9 51.8 77.8
75 29.3 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 37.693 ng

RT: 6.75 min Scan# 792

Delta R.T. 0.00 min

Lab File: BF102043.D

Acq: 12 Jan 2018 15:24

Instrument :

BNA_F

ClientSampleId :

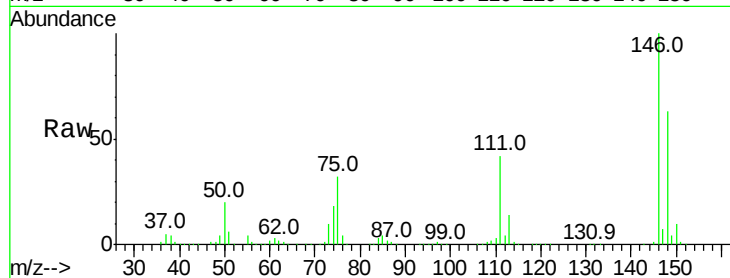
Tot Ion:146 Resp: 690046

Ion Ratio Lower Upper

146 100

148 63.4 50.8 76.2

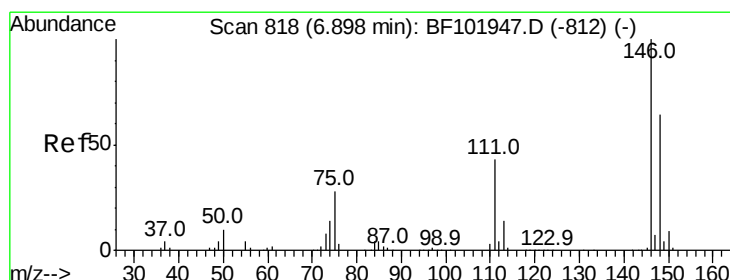
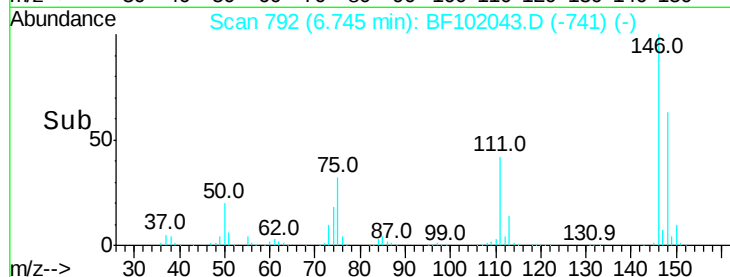
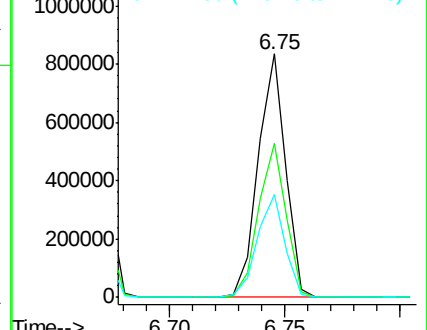
111 42.4 34.2 51.2



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: 37.230 ng

RT: 6.90 min Scan# 818

Delta R.T. 0.00 min

Lab File: BF102043.D

Acq: 12 Jan 2018 15:24

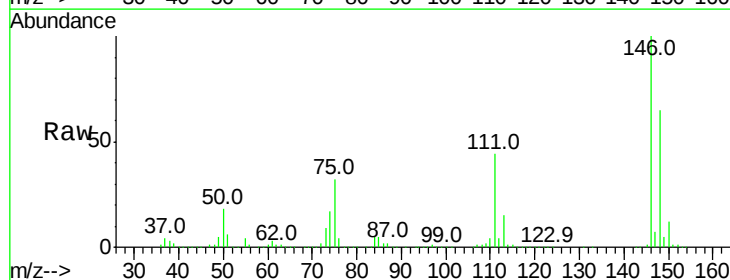
Tgt Ion:146 Resp: 630835

Ion Ratio Lower Upper

146 100

148 64.6 50.6 75.8

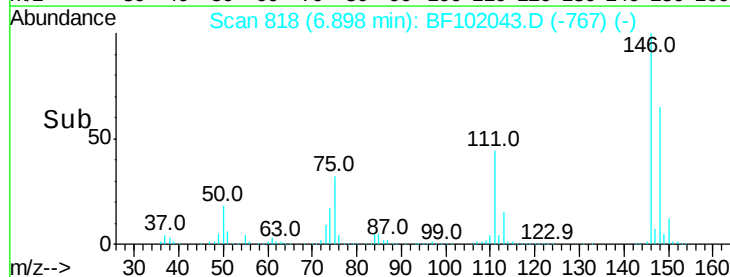
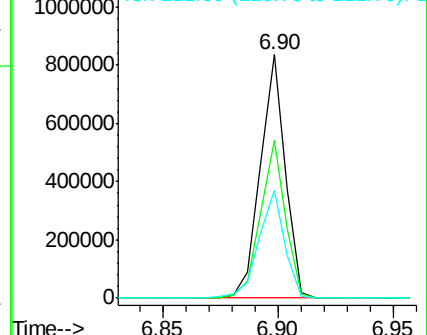
111 44.4 36.0 54.0

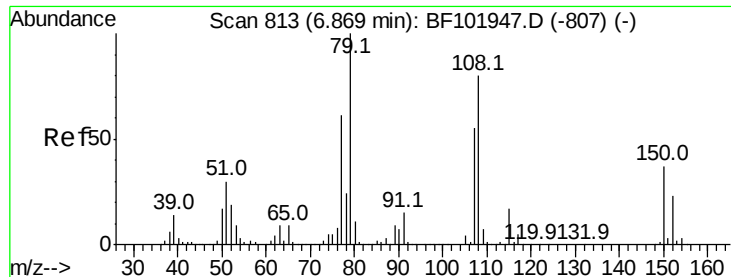


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

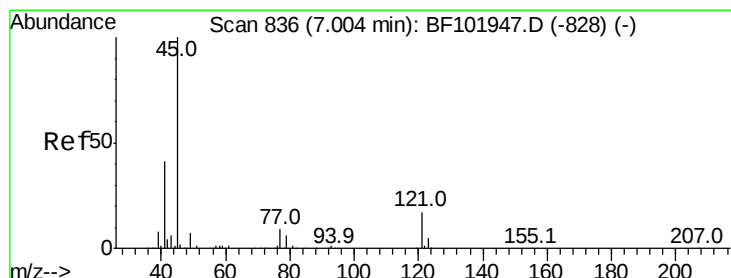
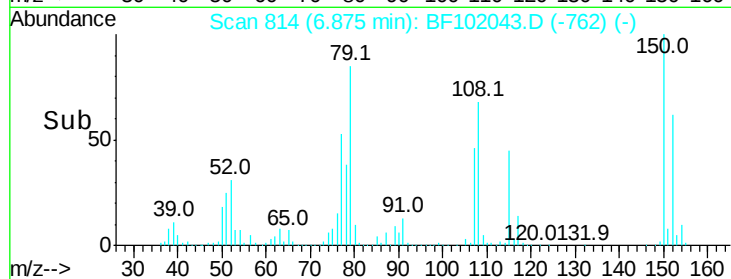
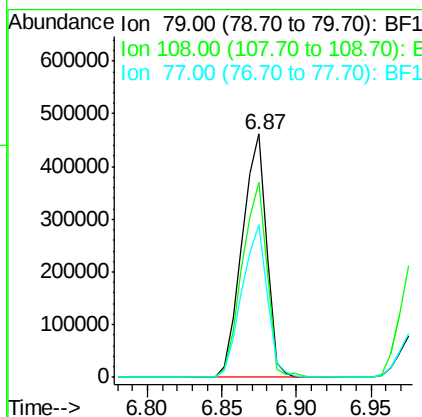
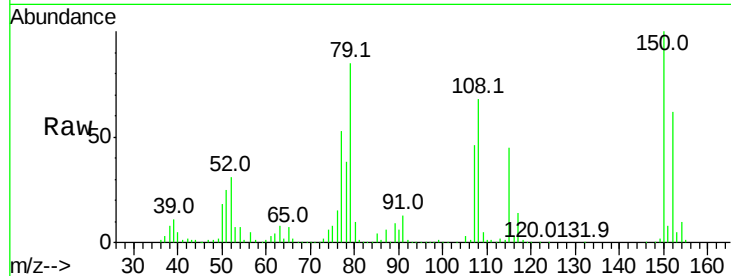




#15
Benzyl Alcohol
Concen: 37.982 ng
RT: 6.87 min Scan# 814
Delta R.T. 0.01 min
Lab File: BF102043.D
Acq: 12 Jan 2018 15:24

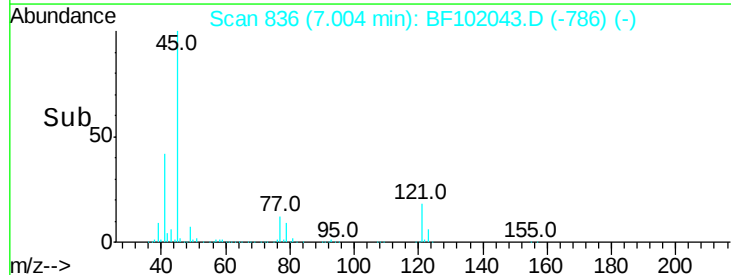
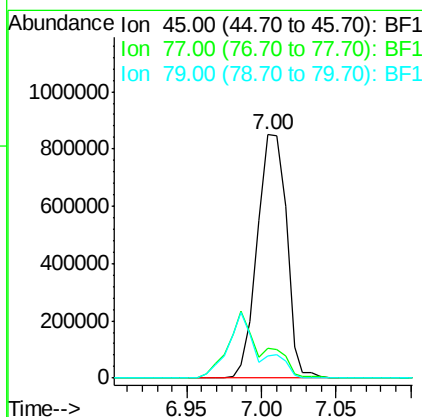
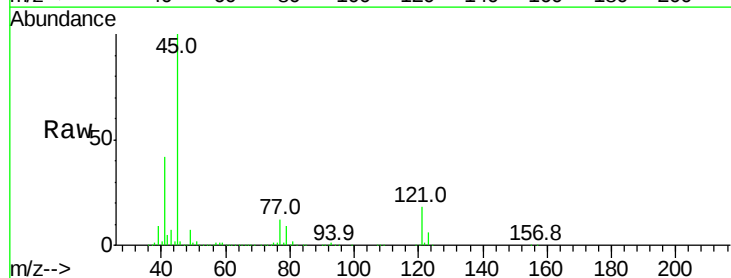
Instrument :
BNA_F
ClientSampleId :

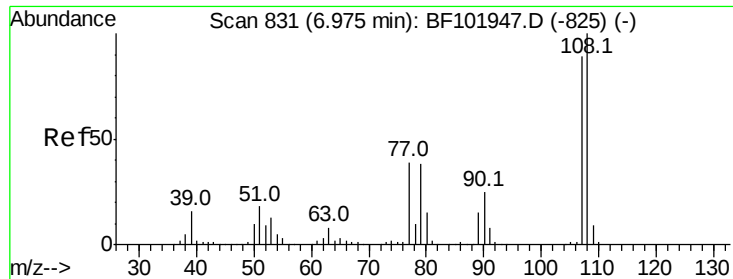
Tot Ion: 79 Resp: 526001
Ion Ratio Lower Upper
79 100
108 80.1 65.1 97.7
77 62.8 50.6 75.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 38.208 ng
RT: 7.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BF102043.D
Acq: 12 Jan 2018 15:24

Tgt Ion: 45 Resp: 1147019
Ion Ratio Lower Upper
45 100
77 12.2 0.0 32.9
79 8.9 0.0 29.6

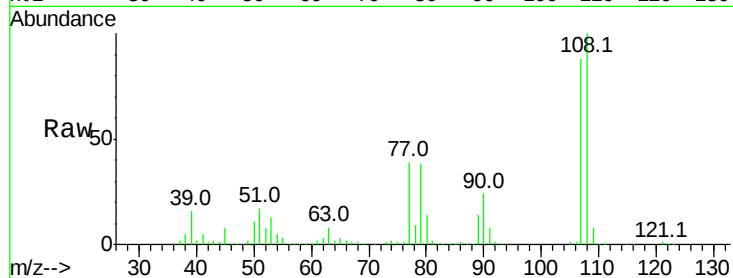




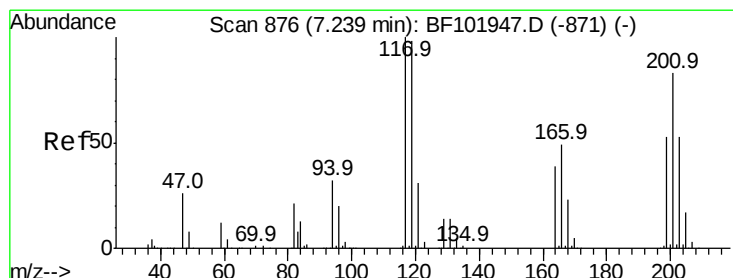
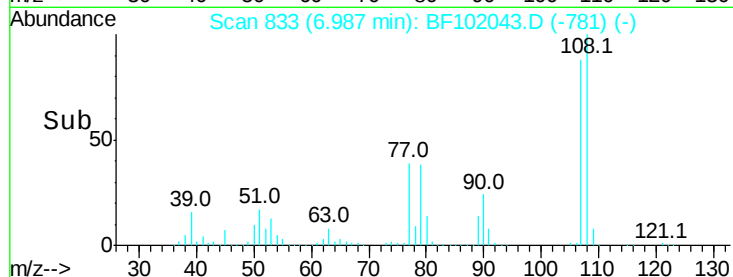
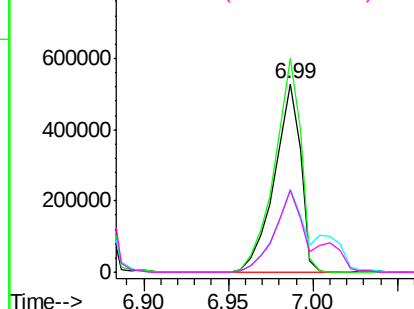
#17
2-Methylphenol
Concen: 39.562 ng
RT: 6.99 min Scan# 833
Delta R.T. 0.01 min
Lab File: BF102043.D
Acq: 12 Jan 2018 15:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 567980
Ion Ratio Lower Upper
107 100
108 113.2 91.7 137.5
77 44.3 33.8 50.8
79 43.4 33.8 50.8

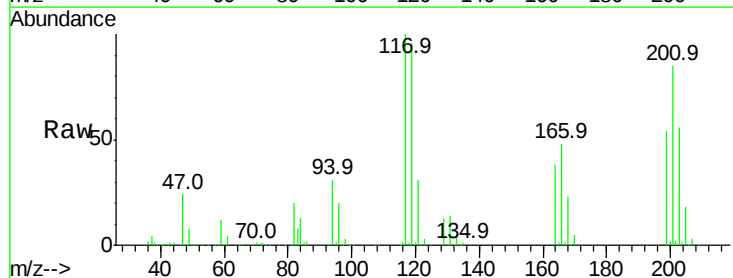


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

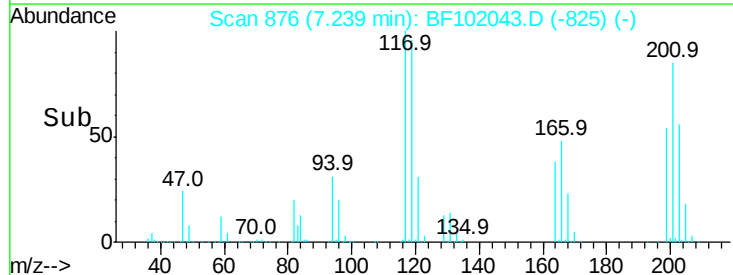
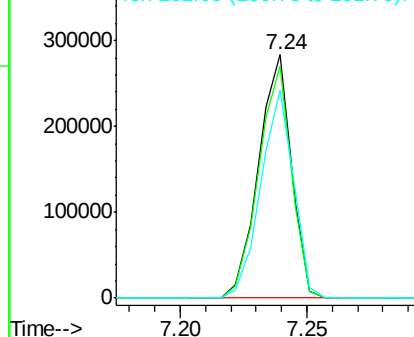


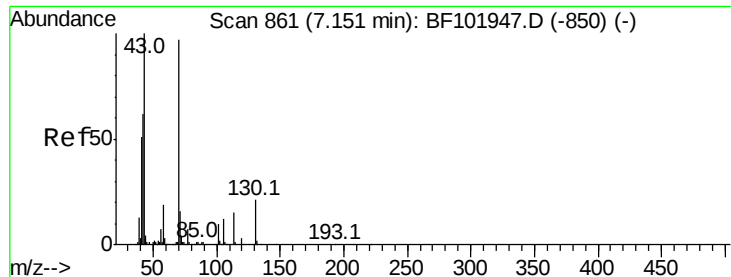
#18
Hexachloroethane
Concen: 39.803 ng
RT: 7.24 min Scan# 876
Delta R.T. 0.00 min
Lab File: BF102043.D
Acq: 12 Jan 2018 15:24

Tgt Ion:117 Resp: 256593
Ion Ratio Lower Upper
117 100
119 95.5 75.8 113.8
201 85.1 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

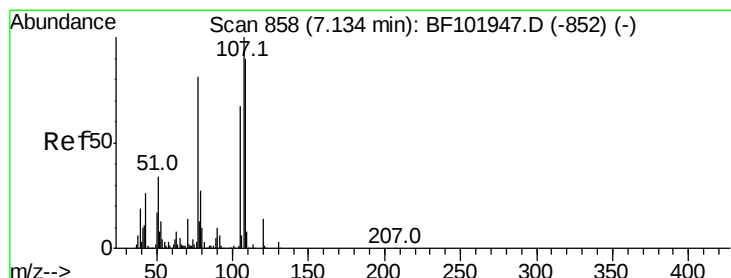
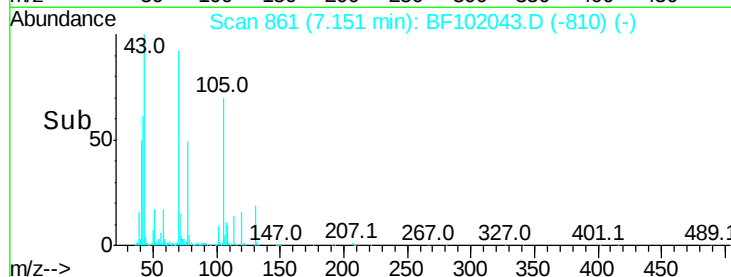
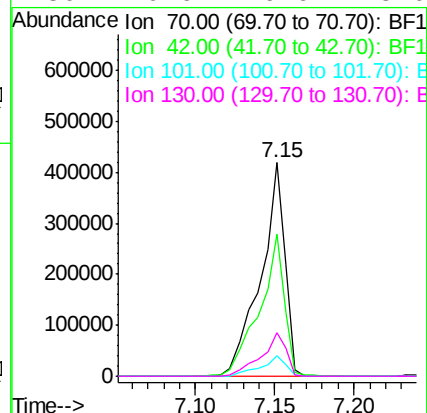
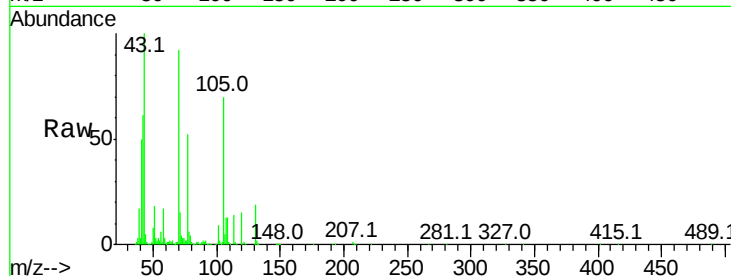




#19
 n-Nitroso-di-n-propylamine
 Concen: 36.449 ng
 RT: 7.15 min Scan# 861
 Delta R.T. 0.00 min
 Lab File: BF102043.D
 Acq: 12 Jan 2018 15:24

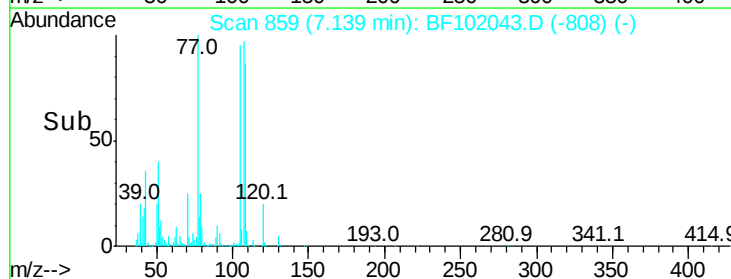
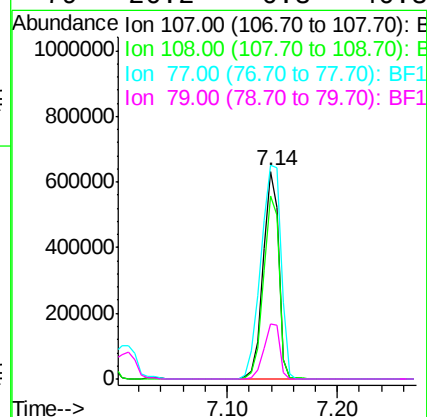
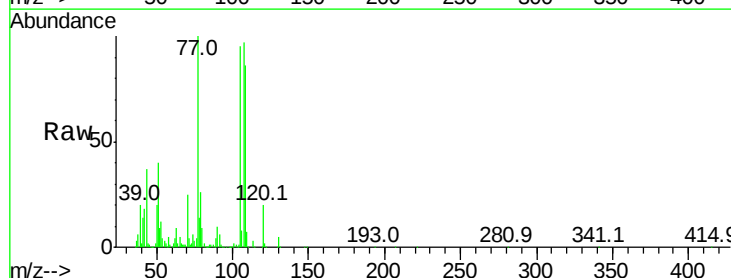
Instrument :
 BNA_F
 ClientSampleId :

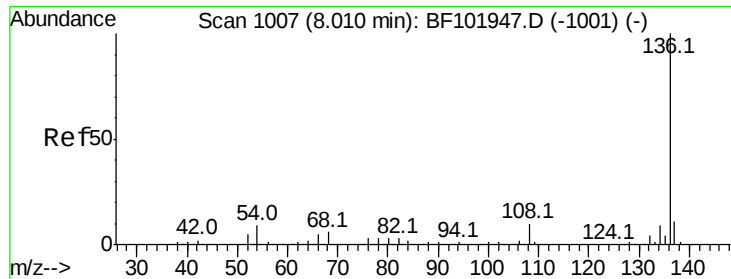
Tot Ion: 70 Resp: 452229
 Ion Ratio Lower Upper
 70 100
 42 66.2 47.5 71.3
 101 9.7 7.4 11.2
 130 20.6 16.6 25.0



#20
 3+4-Methylphenols
 Concen: 36.353 ng
 RT: 7.14 min Scan# 859
 Delta R.T. 0.00 min
 Lab File: BF102043.D
 Acq: 12 Jan 2018 15:24

Tgt Ion: 107 Resp: 626657
 Ion Ratio Lower Upper
 107 100
 108 88.2 68.2 108.2
 77 102.7 26.7 66.7#
 79 26.2 6.3 46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.01 min Scan# 1007

Delta R.T. 0.00 min

Lab File: BF102043.D

Acq: 12 Jan 2018 15:24

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 933308

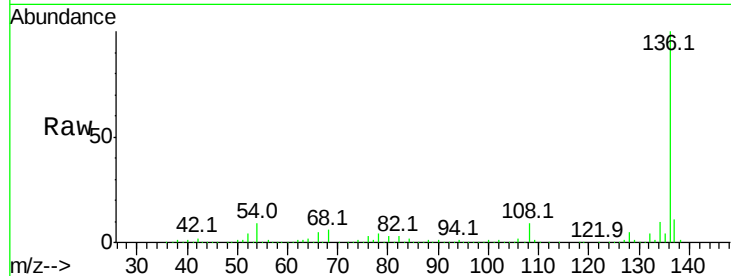
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 8.5 6.6 9.8

68 6.0 5.0 7.4

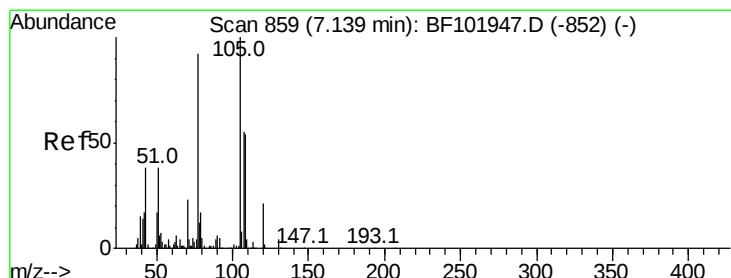
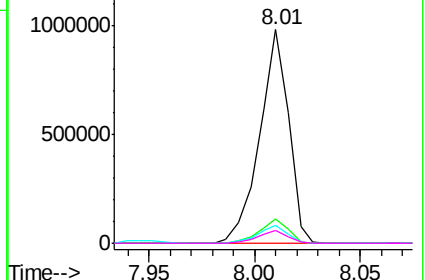
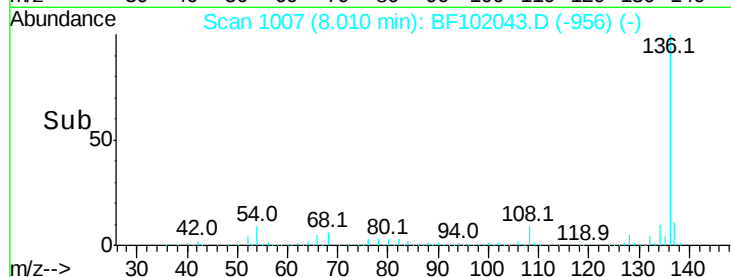


Abundance Ion 136.00 (135.70 to 136.70): E

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: 39.099 ng

RT: 7.15 min Scan# 860

Delta R.T. 0.00 min

Lab File: BF102043.D

Acq: 12 Jan 2018 15:24

Tgt Ion:105 Resp: 879241

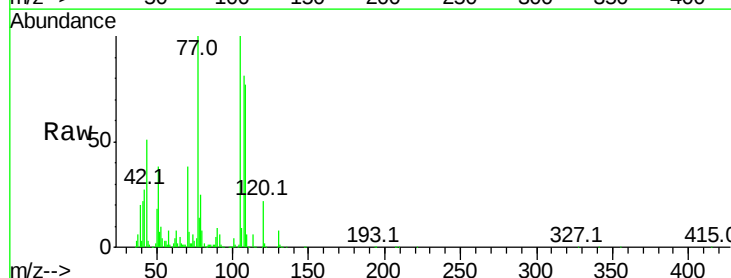
Ion Ratio Lower Upper

105 100

71 6.9 4.4 6.6#

51 38.1 22.3 33.5#

120 22.0 16.9 25.3

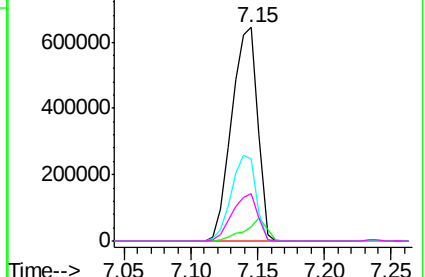
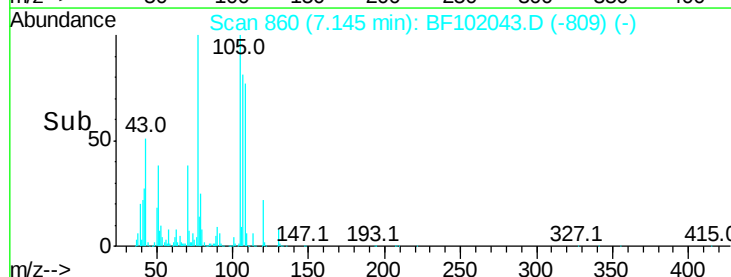


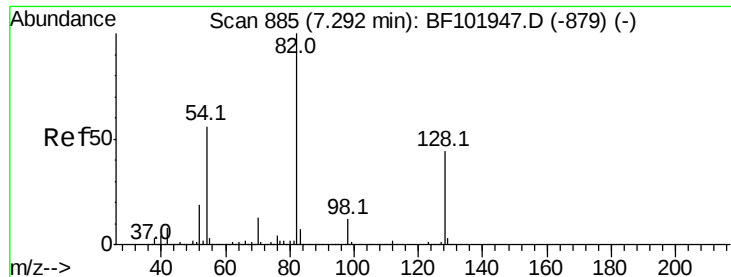
Abundance Ion 105.00 (104.70 to 105.70): E

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

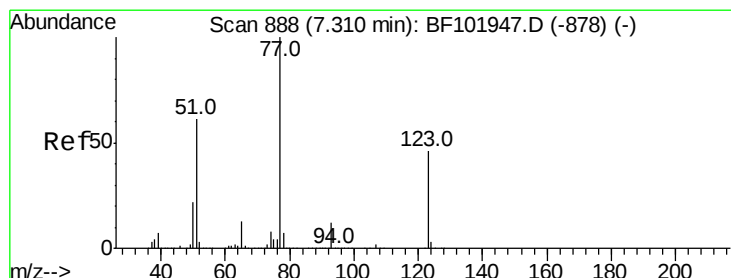
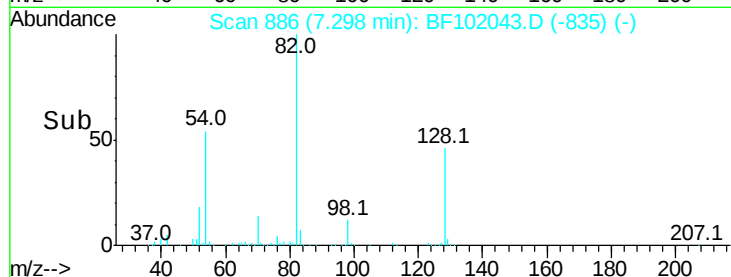
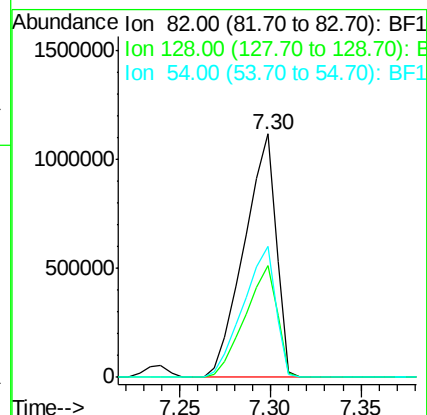
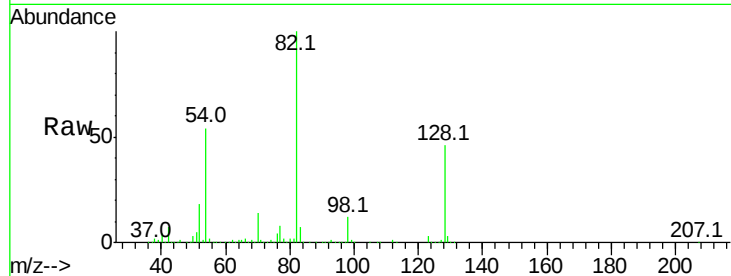




#23
Nitrobenzene-d5
Concen: 86.537 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF102043.D
Acq: 12 Jan 2018 15:24

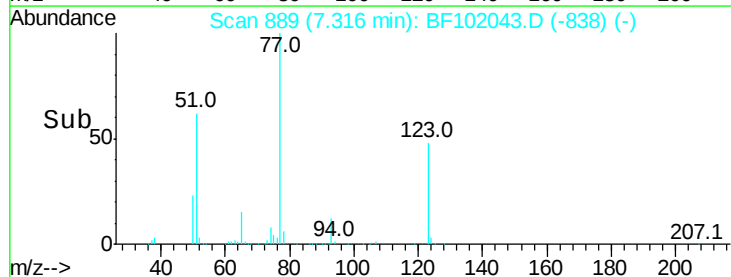
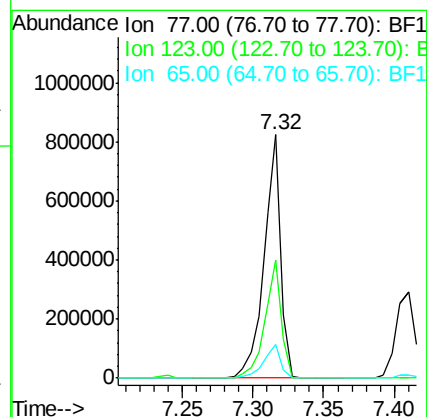
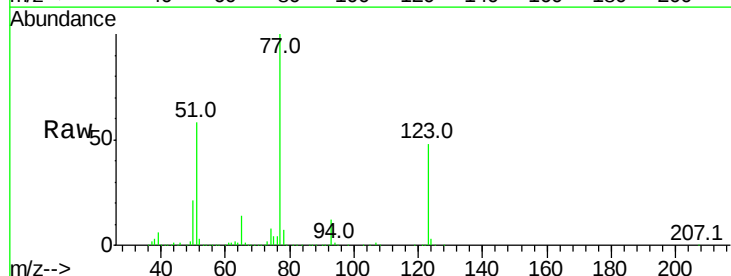
Instrument :
BNA_F
ClientSampleId :

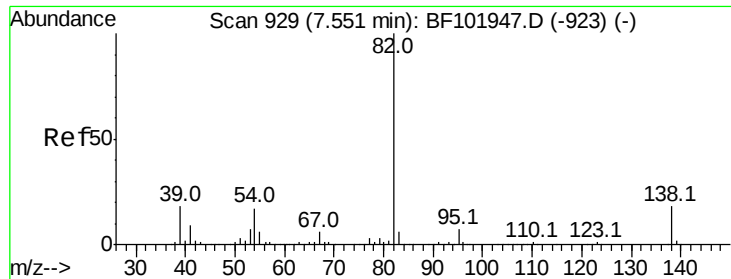
Tot Ion: 82 Resp: 1374401
Ion Ratio Lower Upper
82 100
128 46.1 36.1 54.1
54 53.8 41.4 62.2



#24
Nitrobenzene
Concen: 40.385 ng
RT: 7.32 min Scan# 889
Delta R.T. 0.00 min
Lab File: BF102043.D
Acq: 12 Jan 2018 15:24

Tgt Ion: 77 Resp: 689216
Ion Ratio Lower Upper
77 100
123 48.3 37.9 56.9
65 13.9 11.0 16.4





#25

Isophorone

Concen: 41.589 ng

RT: 7.56 min Scan# 930

Delta R.T. 0.01 min

Lab File: BF102043.D

Acq: 12 Jan 2018 15:24

Instrument :

BNA_F

ClientSampleId :

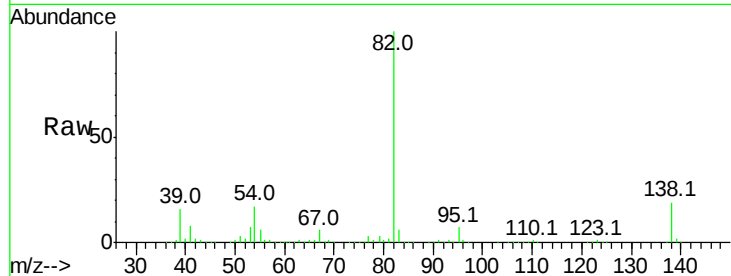
Tot Ion: 82 Resp: 1305147

Ion Ratio Lower Upper

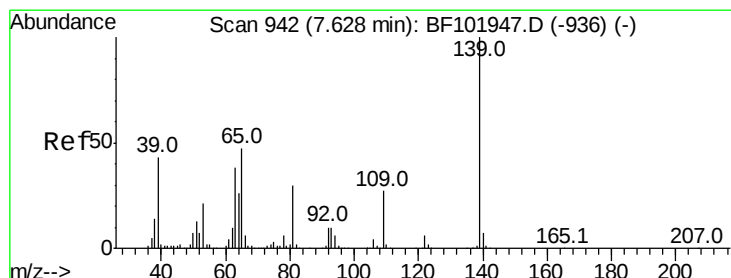
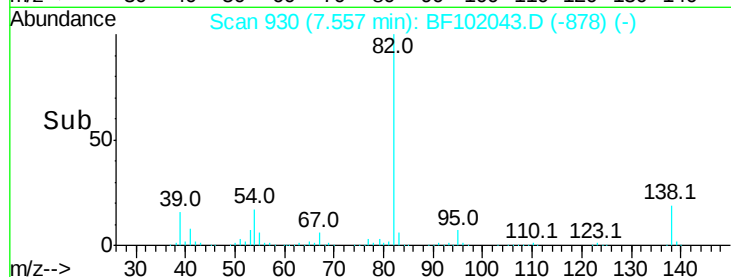
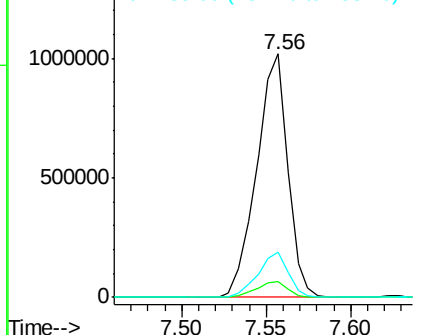
82 100

95 6.6 5.2 7.8

138 18.8 14.9 22.3



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



#26

2-Nitrophenol

Concen: 52.701 ng

RT: 7.63 min Scan# 942

Delta R.T. 0.00 min

Lab File: BF102043.D

Acq: 12 Jan 2018 15:24

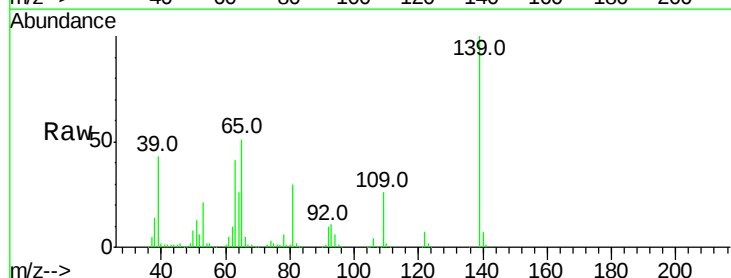
Tgt Ion:139 Resp: 376446

Ion Ratio Lower Upper

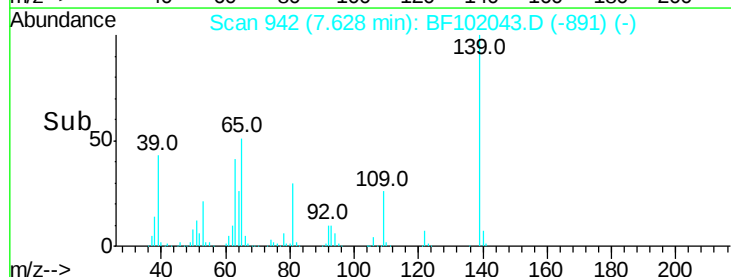
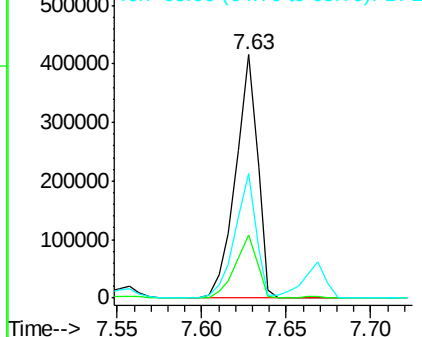
139 100

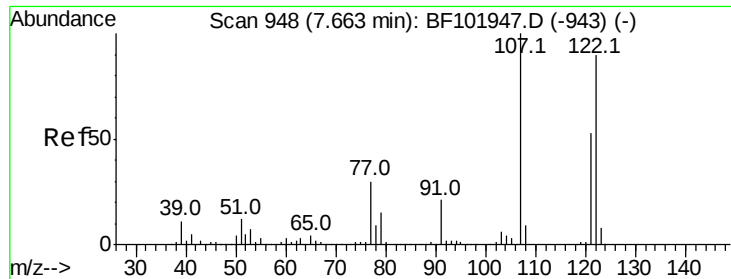
109 26.0 22.7 34.1

65 51.0 40.5 60.7



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





#27

2,4-Dimethylphenol

Concen: 45.443 ng

RT: 7.67 min Scan# 949

Delta R.T. 0.00 min

Lab File: BF102043.D

Acq: 12 Jan 2018 15:24

Instrument :
BNA_F
ClientSampled :

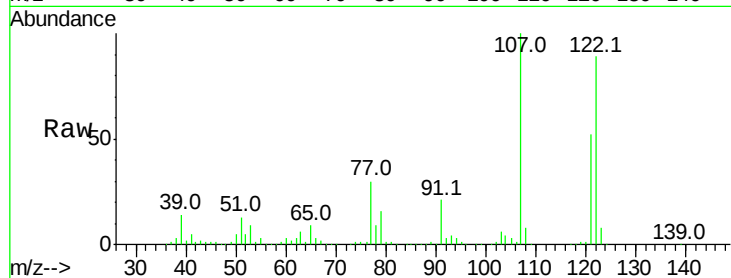
Tot Ion:122 Resp: 606221

Ion Ratio Lower Upper

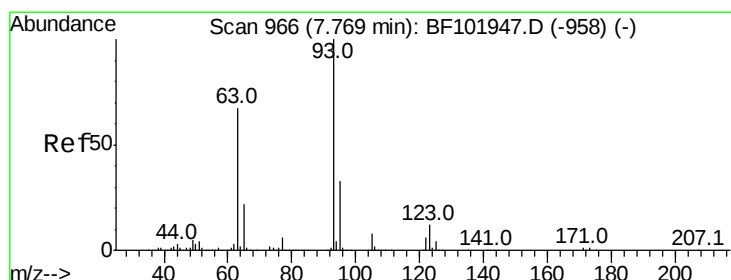
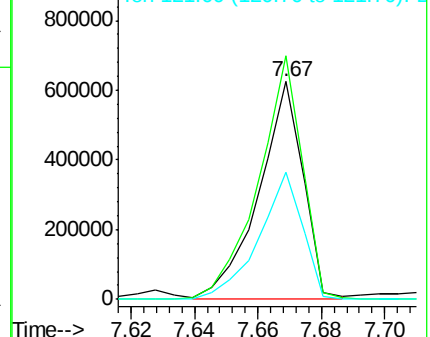
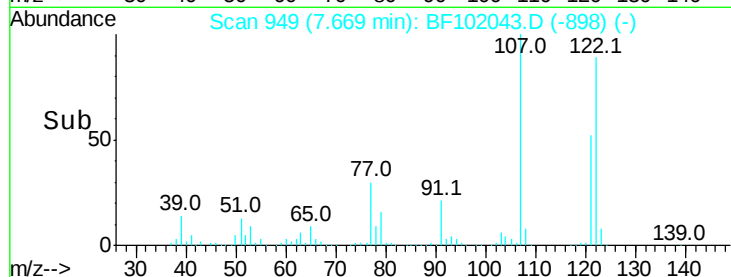
122 100

107 111.8 91.2 136.8

121 58.5 47.2 70.8



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



#28

bis(2-Chloroethoxy)methane

Concen: 42.555 ng

RT: 7.77 min Scan# 966

Delta R.T. 0.00 min

Lab File: BF102043.D

Acq: 12 Jan 2018 15:24

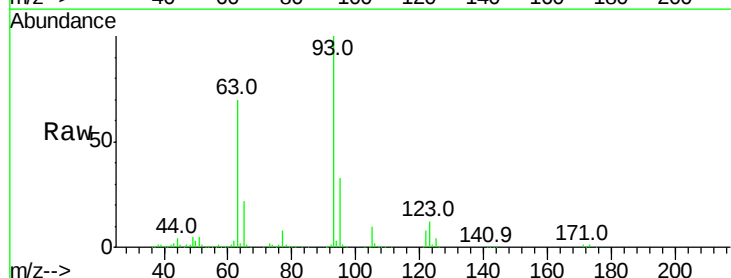
Tgt Ion: 93 Resp: 806357

Ion Ratio Lower Upper

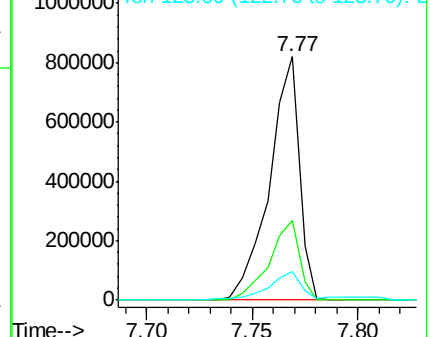
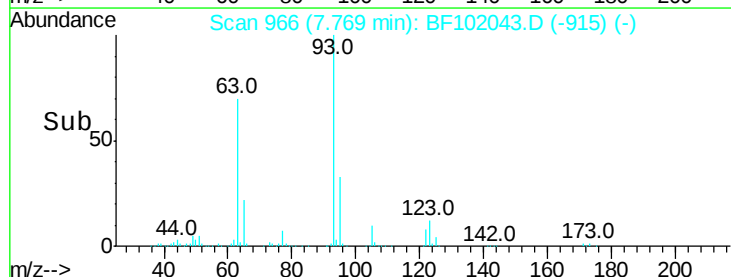
93 100

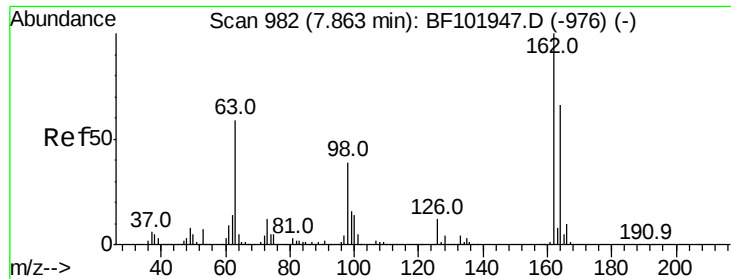
95 32.9 26.3 39.5

123 11.8 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: 43.191 ng

RT: 7.87 min Scan# 983

Delta R.T. 0.00 min

Lab File: BF102043.D

Acq: 12 Jan 2018 15:24

Instrument :

BNA_F

ClientSampleId :

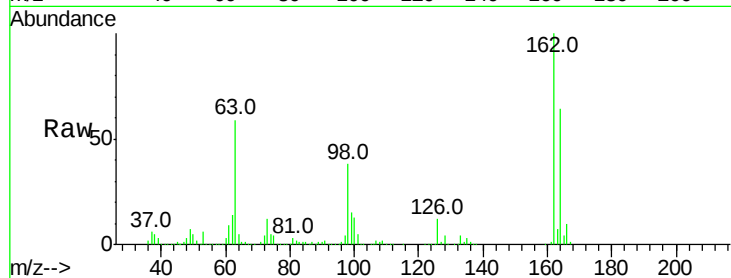
Tot Ion:162 Resp: 547106

Ion Ratio Lower Upper

162 100

164 63.9 42.7 82.7

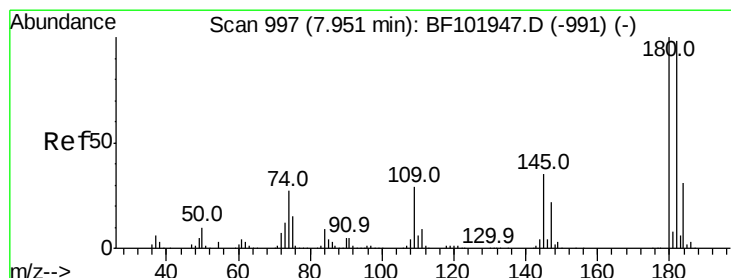
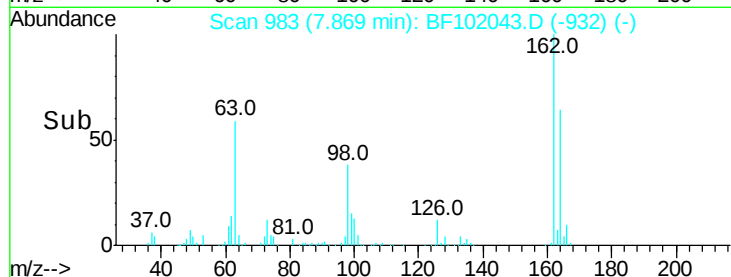
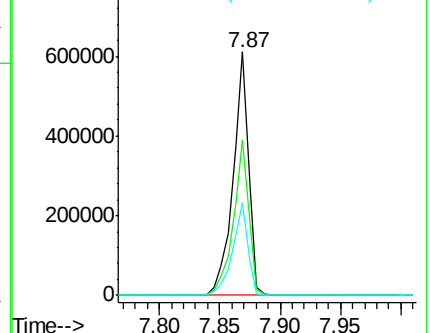
98 37.8 18.1 58.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 39.900 ng

RT: 7.95 min Scan# 997

Delta R.T. 0.00 min

Lab File: BF102043.D

Acq: 12 Jan 2018 15:24

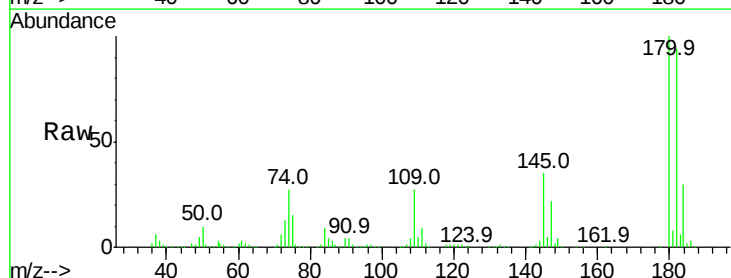
Tgt Ion:180 Resp: 528657

Ion Ratio Lower Upper

180 100

182 94.3 76.8 115.2

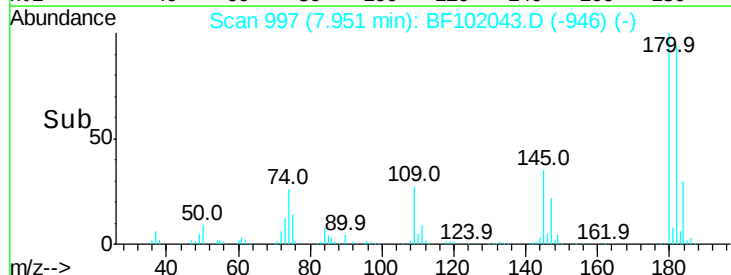
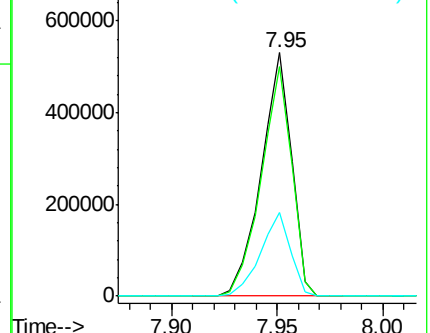
145 34.6 26.5 39.7

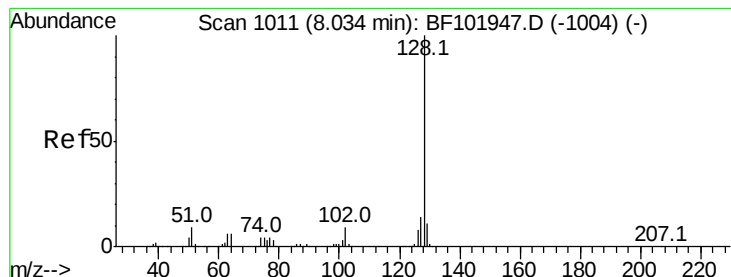


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 38.944 ng

RT: 8.03 min Scan# 1011

Delta R.T. 0.00 min

Lab File: BF102043.D

Acq: 12 Jan 2018 15:24

Instrument :

BNA_F

ClientSampled :

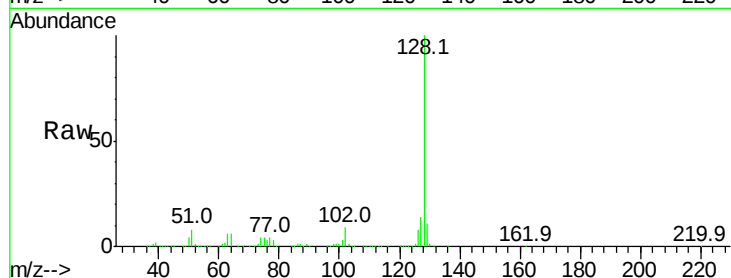
Tot Ion:128 Resp: 1816197

Ion Ratio Lower Upper

128 100

129 11.3 8.8 13.2

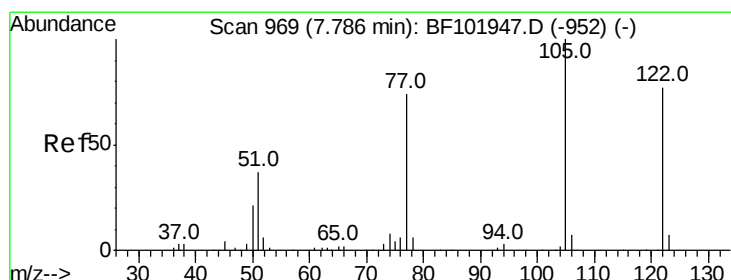
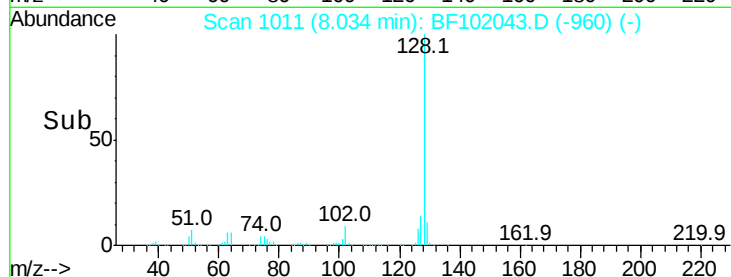
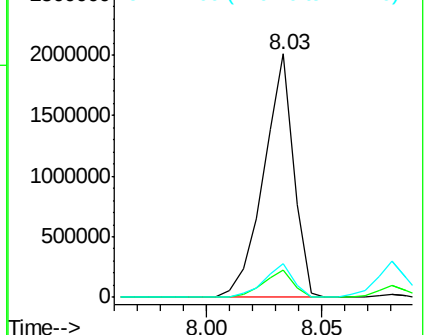
127 13.8 10.9 16.3



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: 45.216 ng

RT: 7.80 min Scan# 972

Delta R.T. 0.02 min

Lab File: BF102043.D

Acq: 12 Jan 2018 15:24

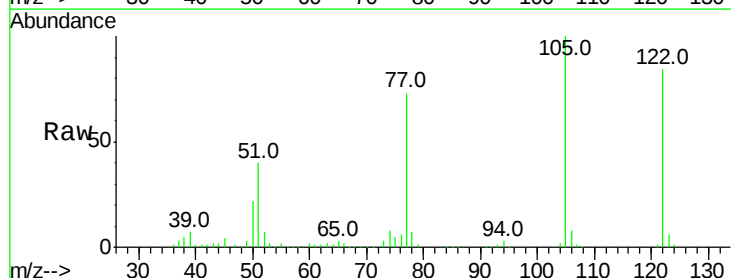
Tgt Ion:122 Resp: 457404

Ion Ratio Lower Upper

122 100

105 119.5 101.1 141.1

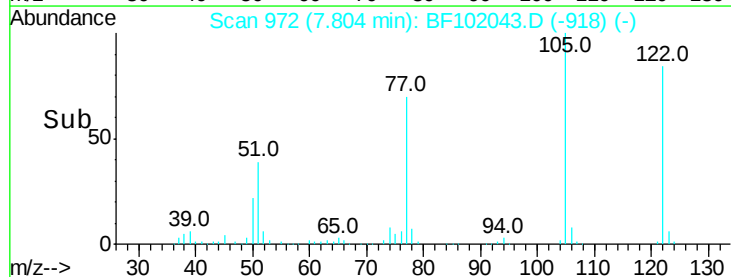
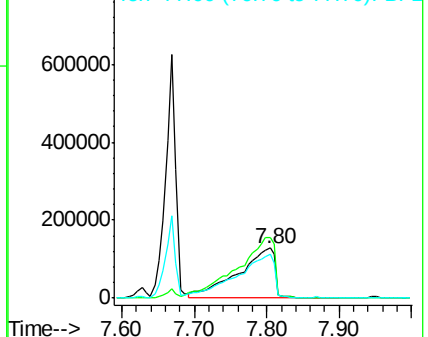
77 87.3 70.7 110.7

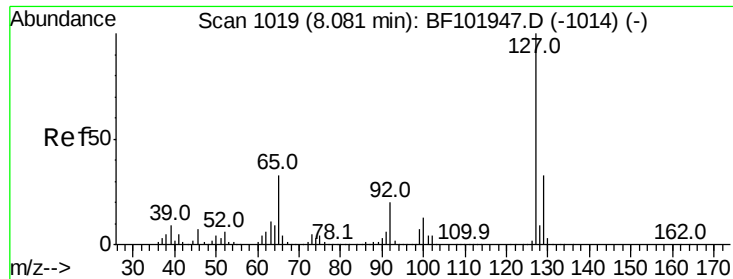


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

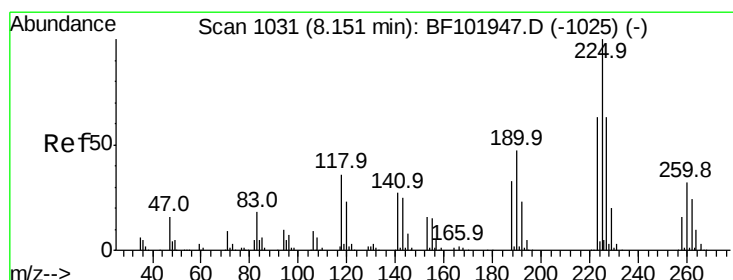
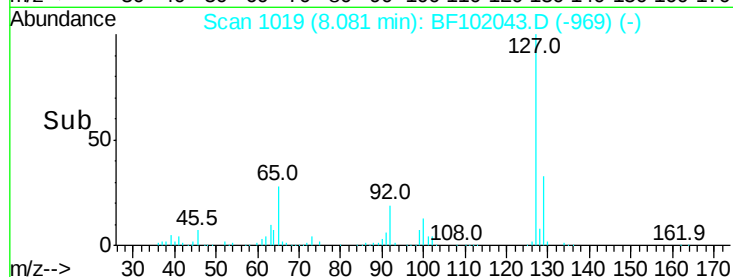
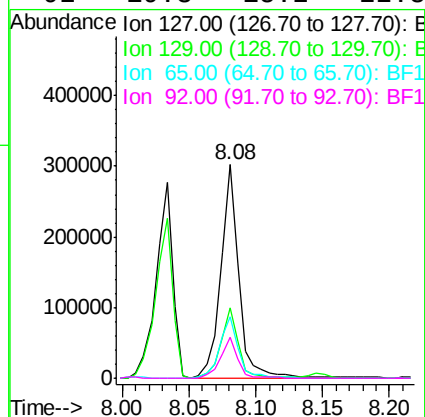
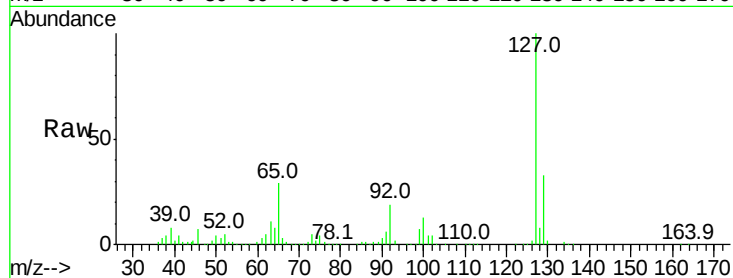




#33
4-Chloroaniline
Concen: 14.536 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF102043.D
Acq: 12 Jan 2018 15:24

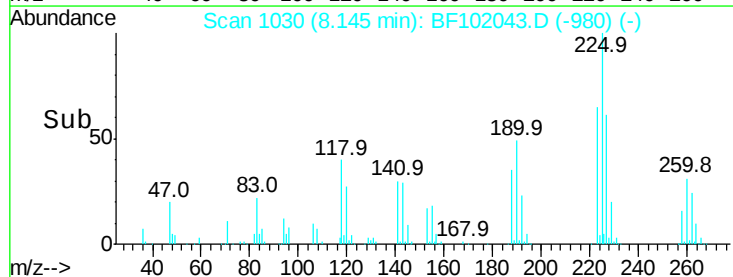
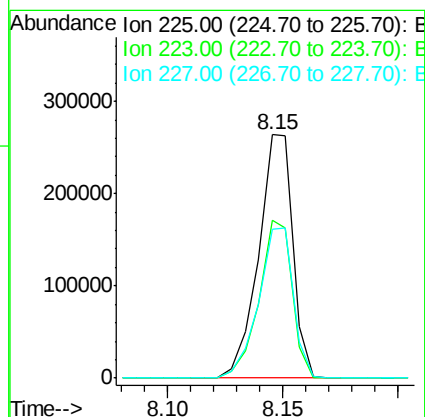
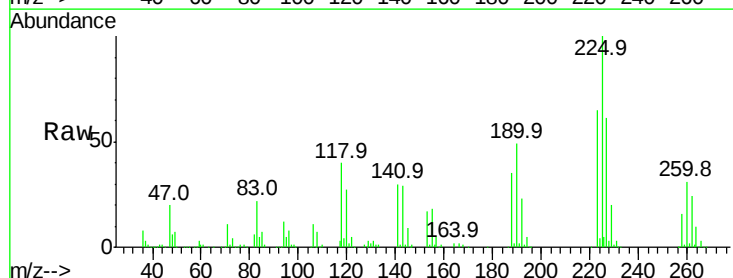
Instrument :
BNA_F
ClientSampleId :

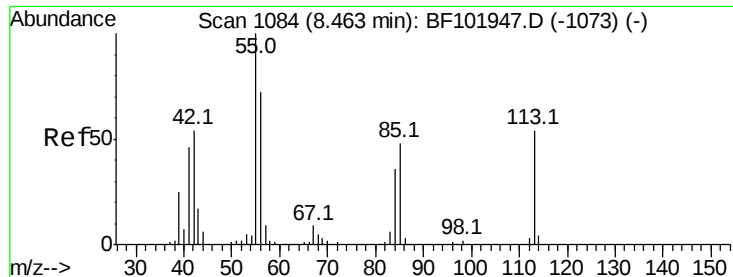
Tot Ion:	127	Resp:	289345
Ion	Ratio	Lower	Upper
127	100		
129	32.9	25.9	38.9
65	29.0	25.0	37.4
92	19.3	15.2	22.8



#34
Hexachlorobutadiene
Concen: 38.977 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF102043.D
Acq: 12 Jan 2018 15:24

Tgt Ion:	225	Resp:	273357
Ion	Ratio	Lower	Upper
225	100		
223	64.8	50.6	76.0
227	61.3	51.9	77.9





#35

Caprolactam

Concen: 26.167 ng

RT: 8.47 min Scan# 1085

Delta R.T. 0.01 min

Lab File: BF102043.D

Acq: 12 Jan 2018 15:24

Instrument :

BNA_F

ClientSampled :

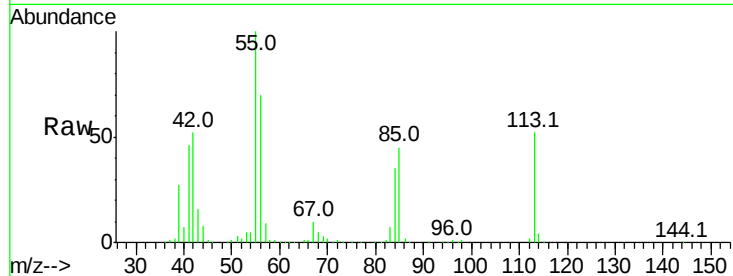
Tot Ion:113 Resp: 113788

Ion Ratio Lower Upper

113 100

55 191.2 163.3 203.3

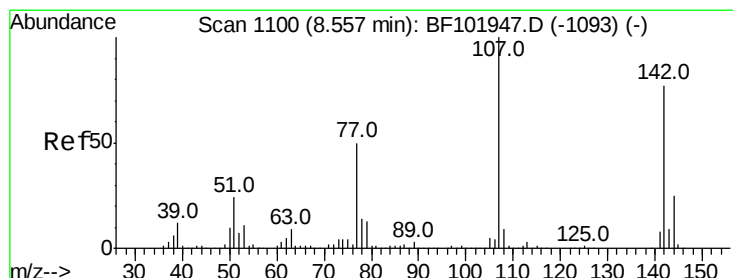
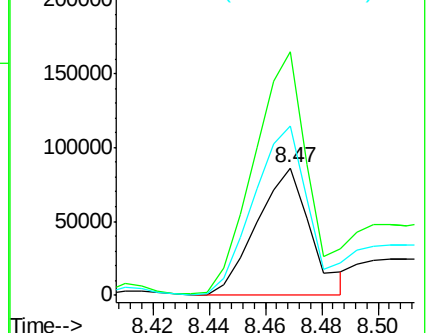
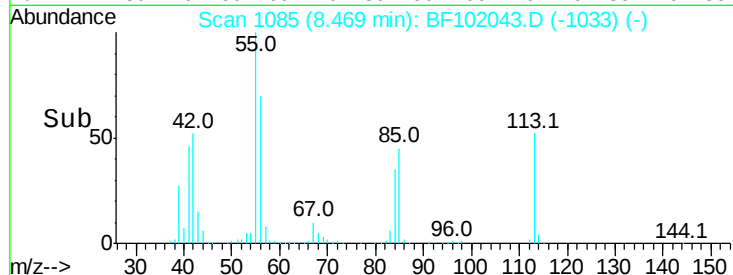
56 133.5 115.7 155.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 42.921 ng

RT: 8.57 min Scan# 1102

Delta R.T. 0.01 min

Lab File: BF102043.D

Acq: 12 Jan 2018 15:24

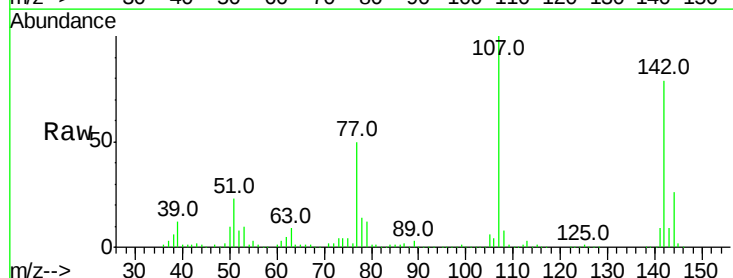
Tgt Ion:107 Resp: 595138

Ion Ratio Lower Upper

107 100

144 25.6 20.5 30.7

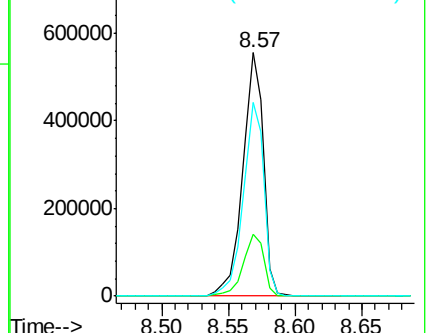
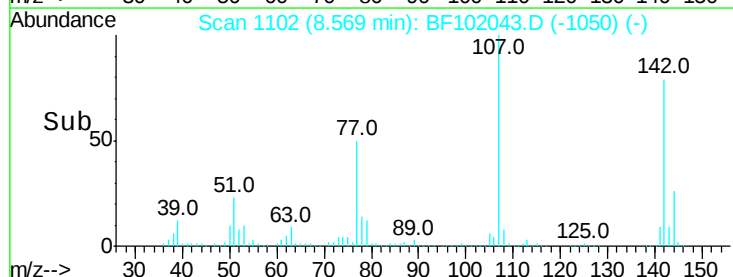
142 79.3 62.0 93.0

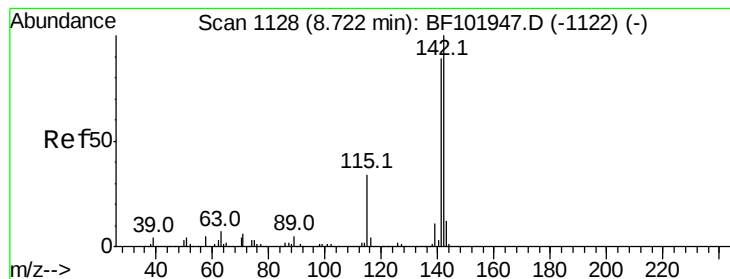


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 40.522 ng

RT: 8.72 min Scan# 1128

Delta R.T. 0.00 min

Lab File: BF102043.D

Acq: 12 Jan 2018 15:24

Instrument :

BNA_F

ClientSampleId :

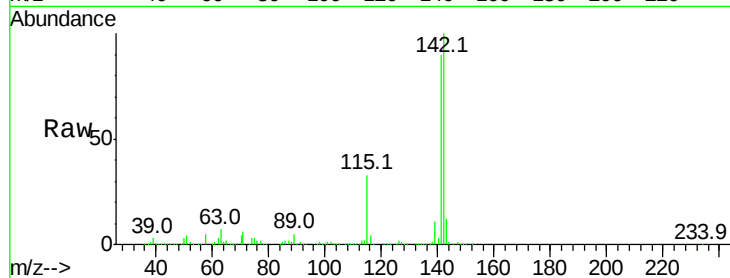
Tot Ion:142 Resp: 1244082

Ion Ratio Lower Upper

142 100

141 90.2 70.8 106.2

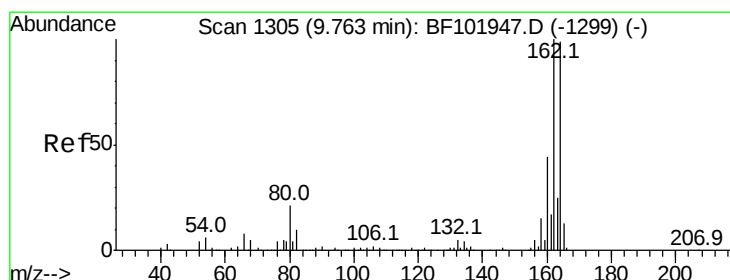
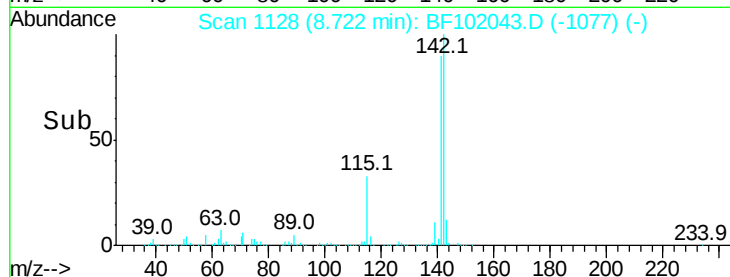
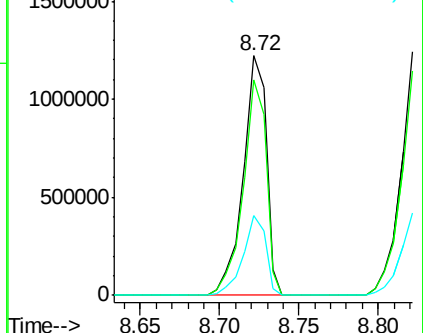
115 33.4 26.1 39.1



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: 9.76 min Scan# 1305

Delta R.T. 0.00 min

Lab File: BF102043.D

Acq: 12 Jan 2018 15:24

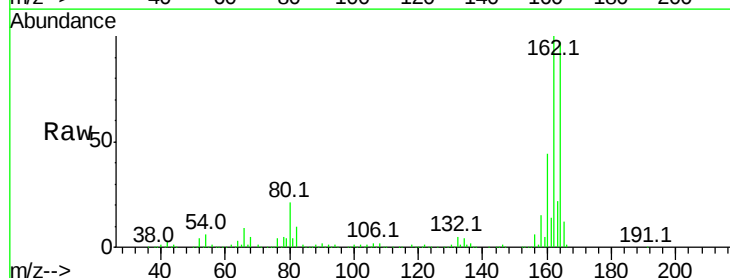
Tgt Ion:164 Resp: 407844

Ion Ratio Lower Upper

164 100

162 103.3 86.1 129.1

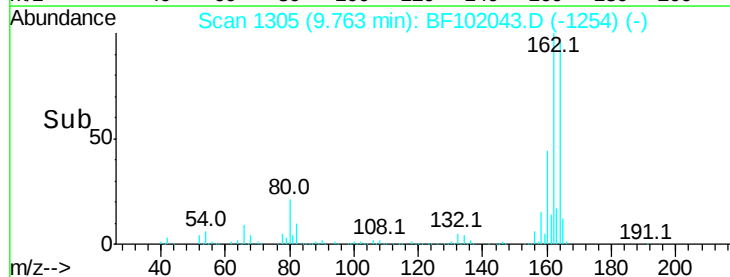
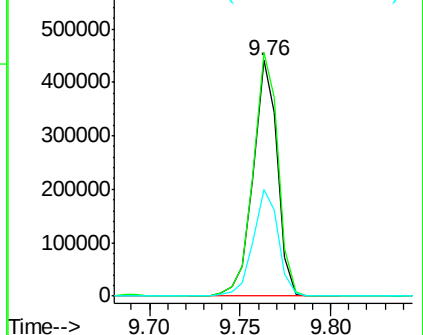
160 45.3 38.3 57.5

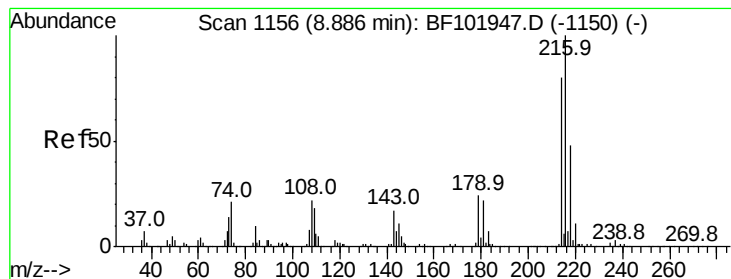


Abundance Ion 164.00 (163.70 to 164.70): E

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: 39.599 ng

RT: 8.89 min Scan# 1157

Delta R.T. 0.01 min

Lab File: BF102043.D

Acq: 12 Jan 2018 15:24

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 456901

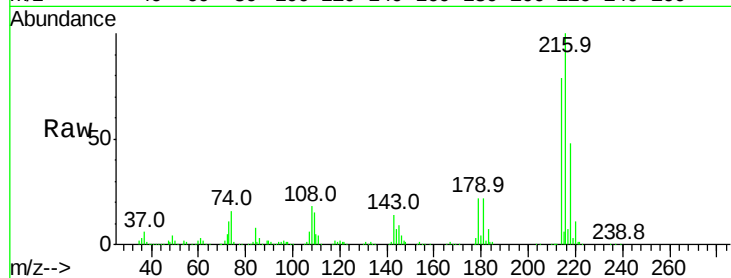
Ion Ratio Lower Upper

216 100

214 80.3 63.0 94.4

179 23.4 18.1 27.1

108 24.8 17.2 25.8

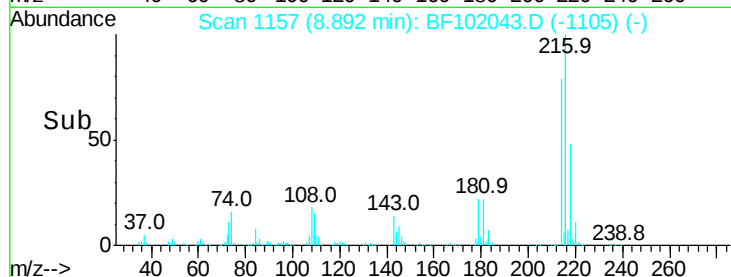


Abundance Ion 216.00 (215.70 to 216.70): E

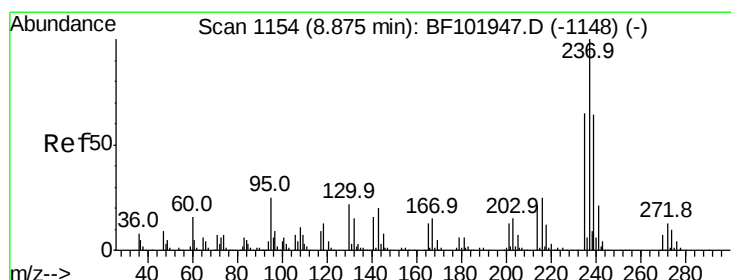
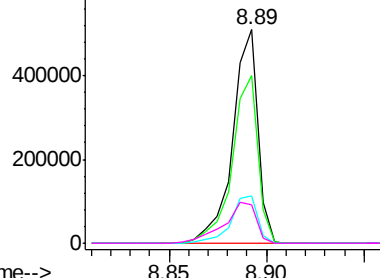
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 90.019 ng

RT: 8.87 min Scan# 1154

Delta R.T. 0.00 min

Lab File: BF102043.D

Acq: 12 Jan 2018 15:24

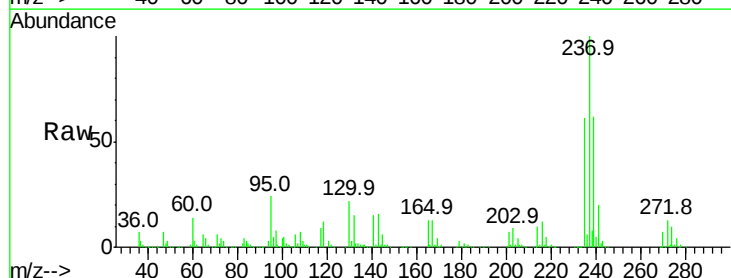
Tgt Ion:237 Resp: 568033

Ion Ratio Lower Upper

237 100

235 61.5 44.8 84.8

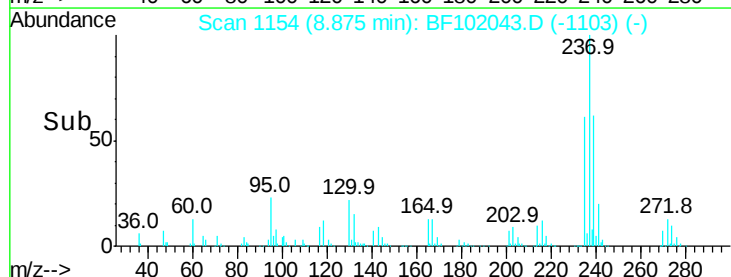
272 12.8 0.0 33.3



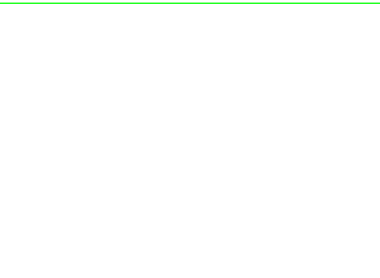
Abundance Ion 236.80 (236.50 to 237.50): E

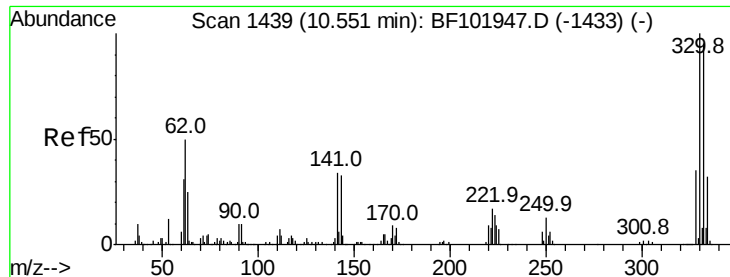
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->

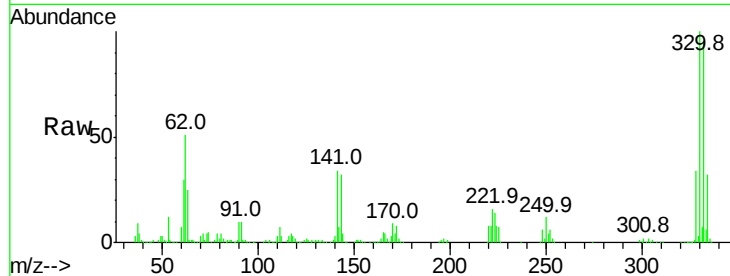




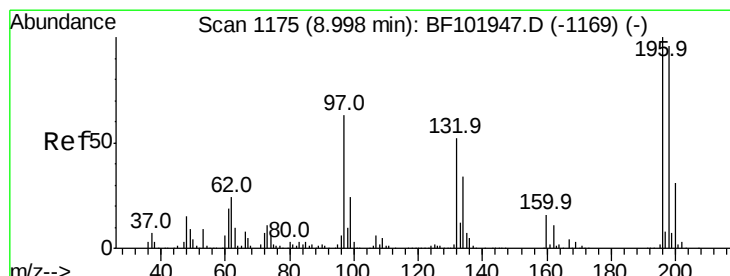
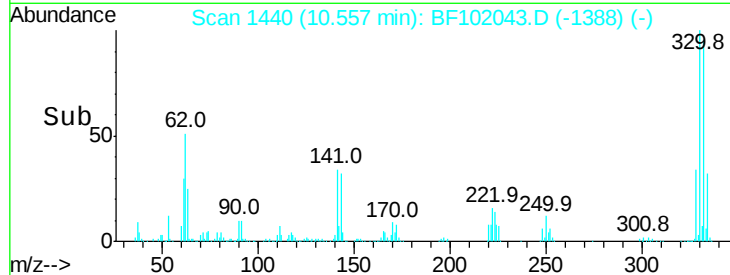
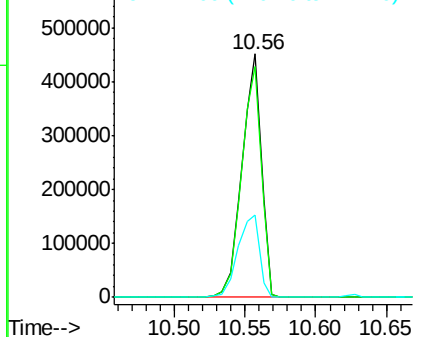
#41
 2,4,6-Tribromophenol
 Concen: 121.779 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. 0.01 min
 Lab File: BF102043.D
 Acq: 12 Jan 2018 15:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.0	115.6
141	37.6	29.9	44.9

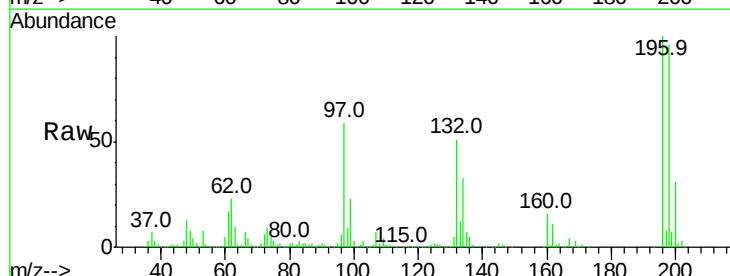


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

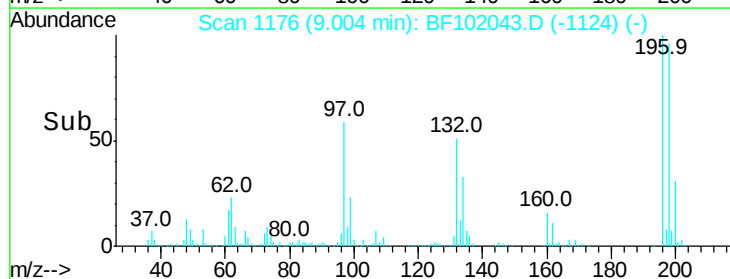
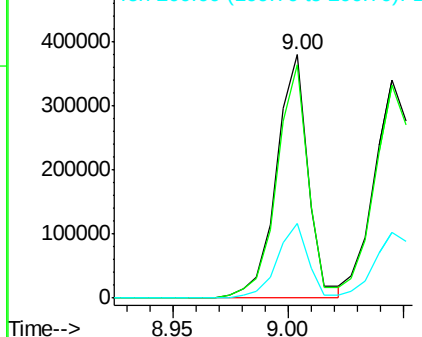


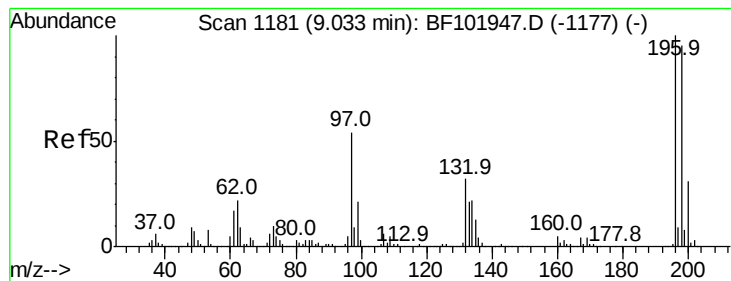
#42
 2,4,6-Trichlorophenol
 Concen: 45.267 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. 0.01 min
 Lab File: BF102043.D
 Acq: 12 Jan 2018 15:24

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.7	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: 41.082 ng

RT: 9.05 min Scan# 1183

Delta R.T. 0.01 min

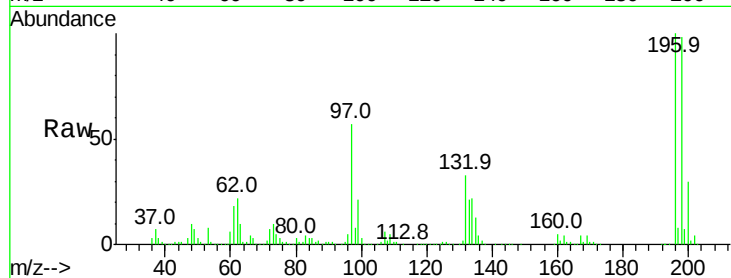
Lab File: BF102043.D

Acq: 12 Jan 2018 15:24

Instrument :

BNA_F

ClientSampled :



Tot Ion:196 Resp: 369190

Ion Ratio Lower Upper

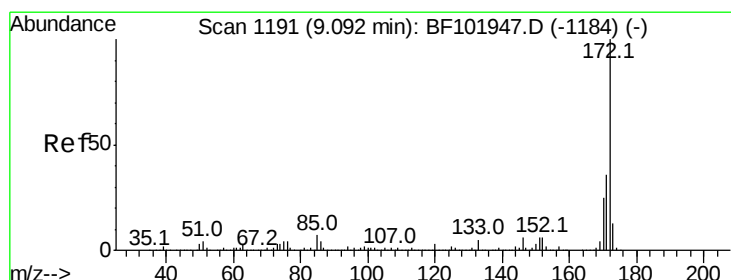
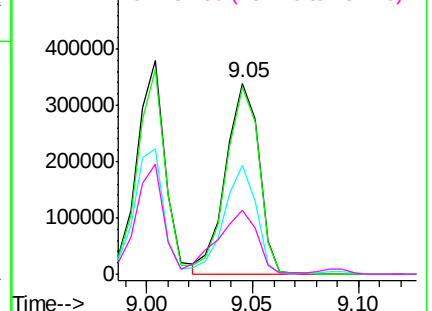
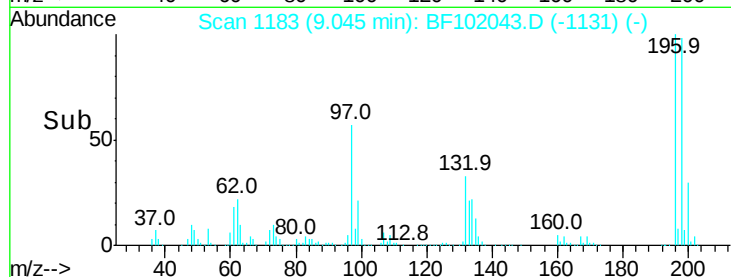
196 100

198 97.9 74.6 112.0

97 56.7 42.9 64.3

132 33.2 26.3 39.5

Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF1
Ion 132.00 (131.70 to 132.70): E



#44

2-Fluorobiphenyl

Concen: 83.161 ng

RT: 9.09 min Scan# 1191

Delta R.T. 0.00 min

Lab File: BF102043.D

Acq: 12 Jan 2018 15:24

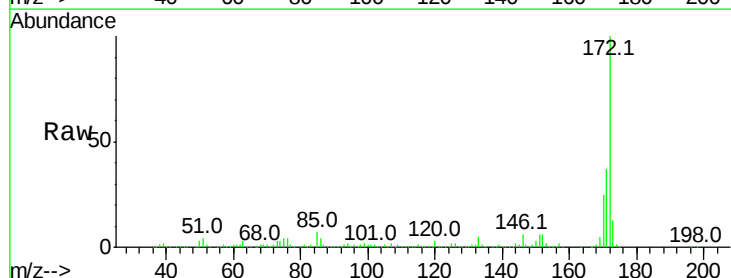
Tgt Ion:172 Resp: 2170976

Ion Ratio Lower Upper

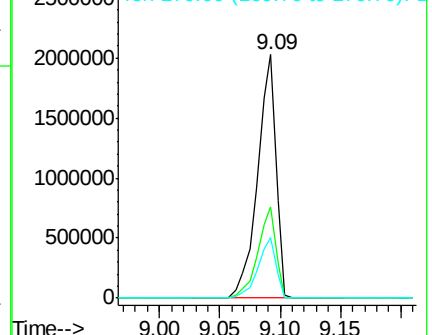
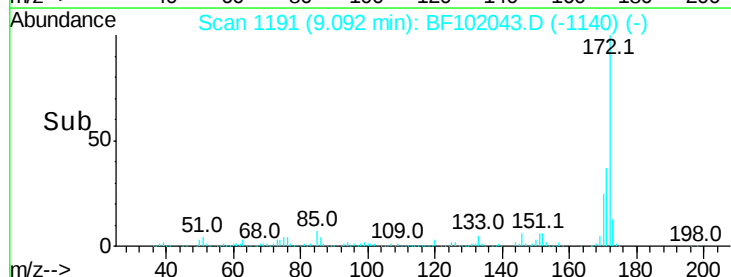
172 100

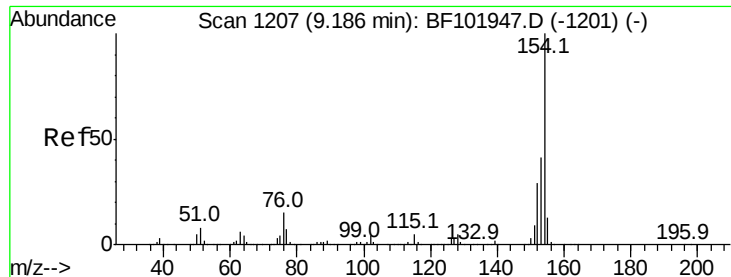
171 37.5 29.7 44.5

170 24.9 19.6 29.4



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 39.244 ng

RT: 9.19 min Scan# 1208

Delta R.T. 0.00 min

Lab File: BF102043.D

Acq: 12 Jan 2018 15:24

Instrument :

BNA_F

ClientSampleId :

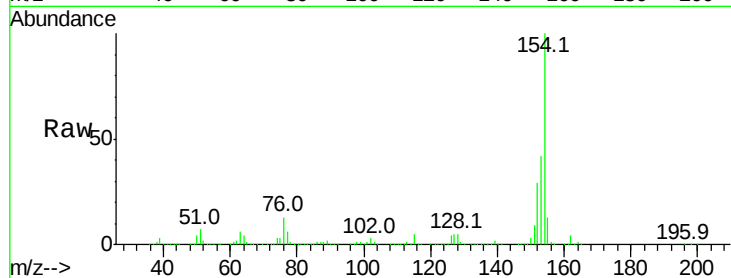
Tot Ion:154 Resp: 1414726

Ion Ratio Lower Upper

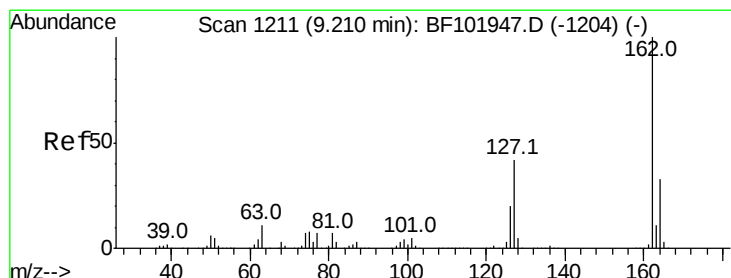
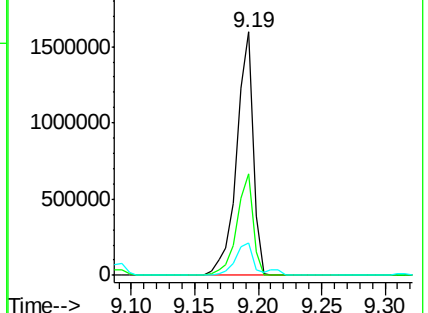
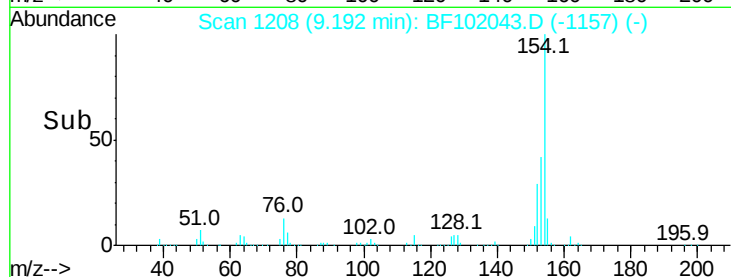
154 100

153 41.7 21.3 61.3

76 13.1 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: 38.959 ng

RT: 9.22 min Scan# 1212

Delta R.T. 0.00 min

Lab File: BF102043.D

Acq: 12 Jan 2018 15:24

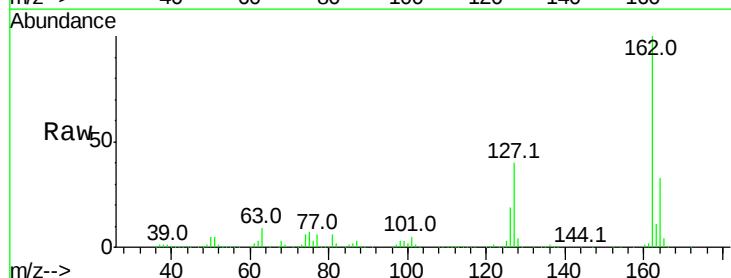
Tgt Ion:162 Resp: 1089089

Ion Ratio Lower Upper

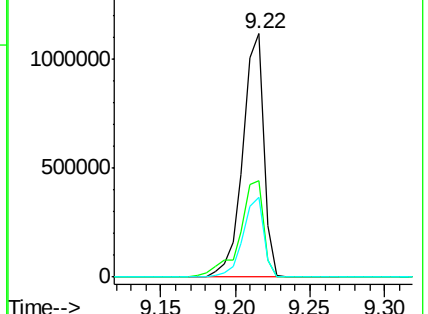
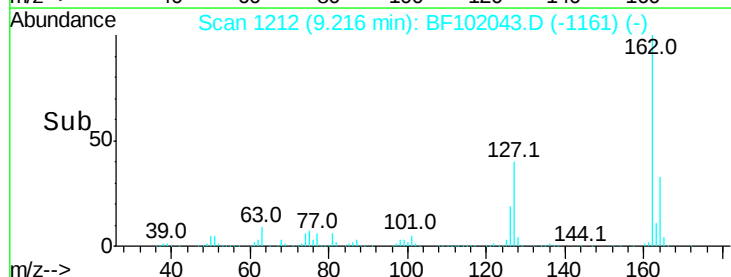
162 100

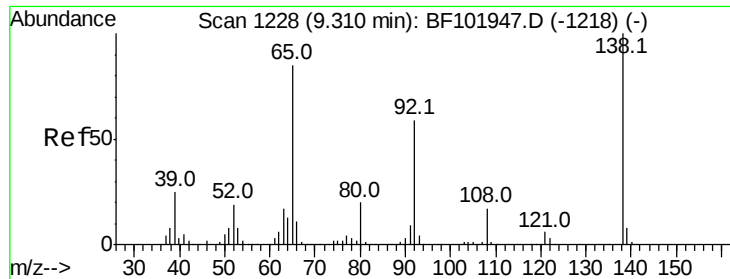
127 39.7 33.9 50.9

164 32.9 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

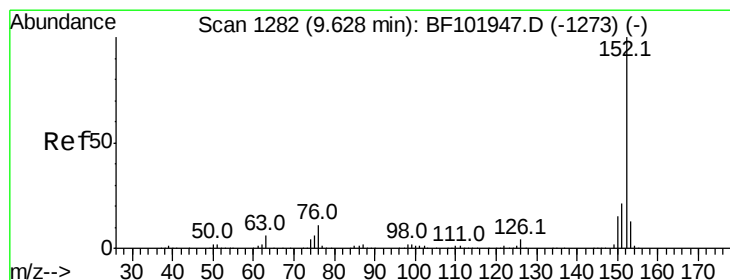
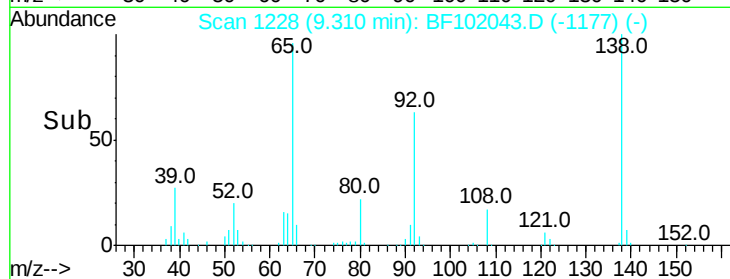
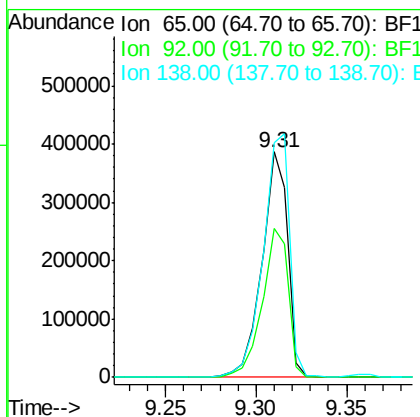
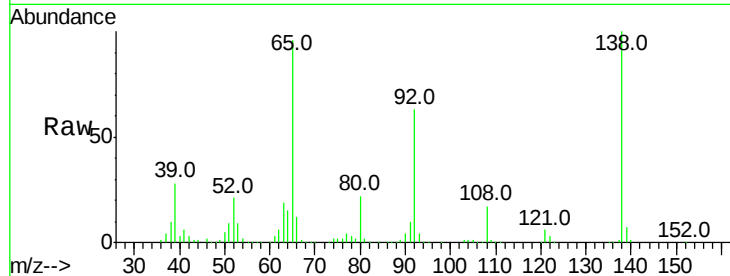




#47
 2-Nitroaniline
 Concen: 45.648 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: BF102043.D
 Acq: 12 Jan 2018 15:24

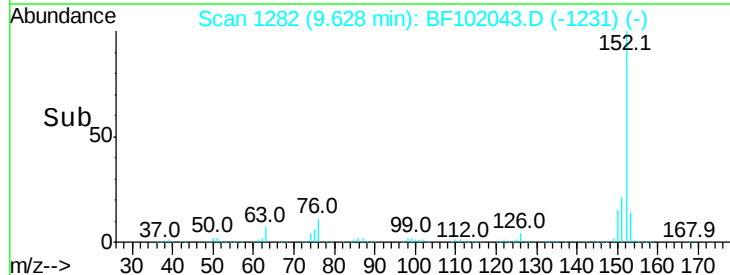
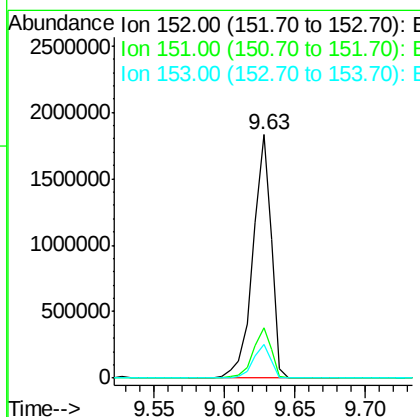
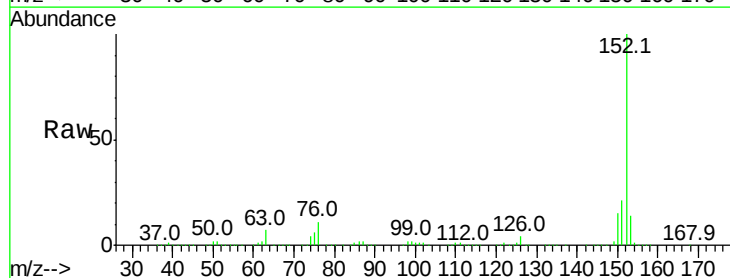
Instrument :
 BNA_F
 ClientSampleId :

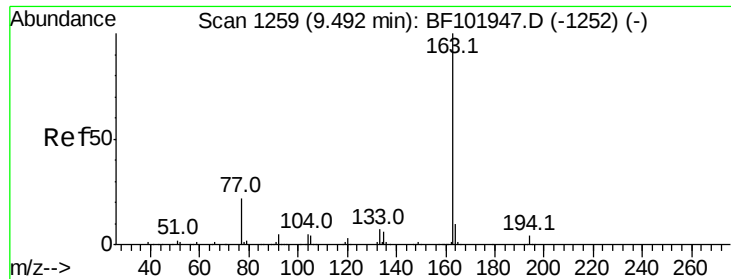
Tot Ion: 65 Resp: 382244
 Ion Ratio Lower Upper
 65 100
 92 66.2 55.8 83.6
 138 104.3 91.2 136.8



#48
 Acenaphthylene
 Concen: 37.659 ng
 RT: 9.63 min Scan# 1282
 Delta R.T. 0.00 min
 Lab File: BF102043.D
 Acq: 12 Jan 2018 15:24

Tgt Ion: 152 Resp: 1670699
 Ion Ratio Lower Upper
 152 100
 151 20.5 16.3 24.5
 153 13.7 10.7 16.1



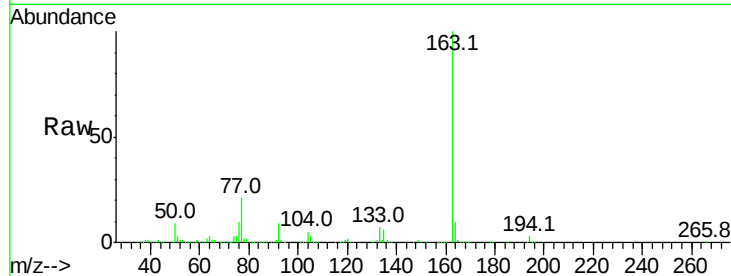


#49
 Dimethylphthalate
 Concen: 39.327 ng
 RT: 9.50 min Scan# 1260
 Delta R.T. 0.01 min
 Lab File: BF102043.D
 Acq: 12 Jan 2018 15:24

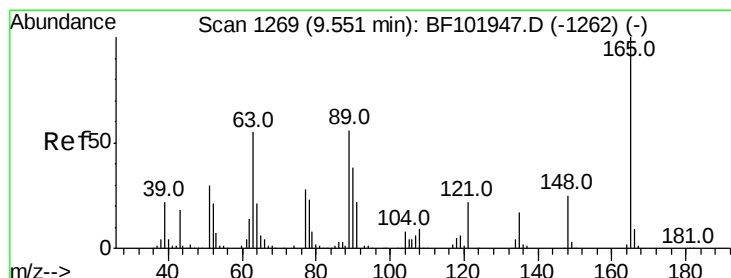
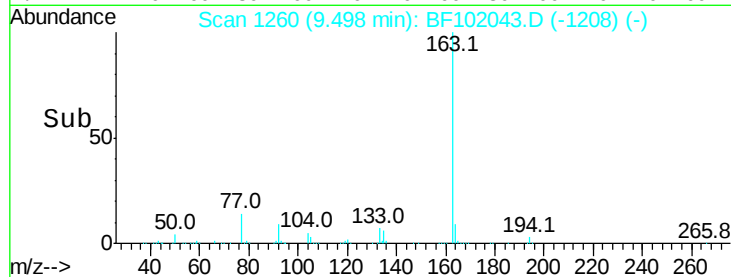
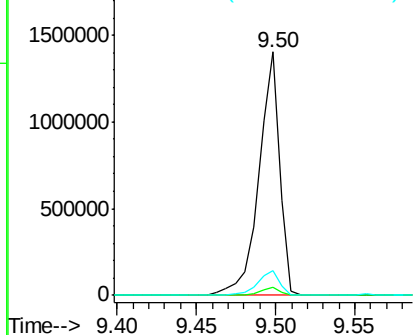
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:163 Resp: 1286687

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	10.0	8.2	12.2



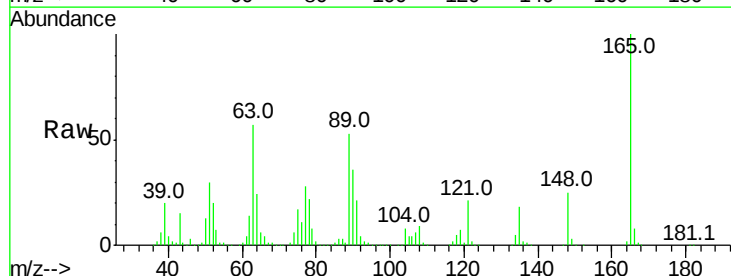
Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E



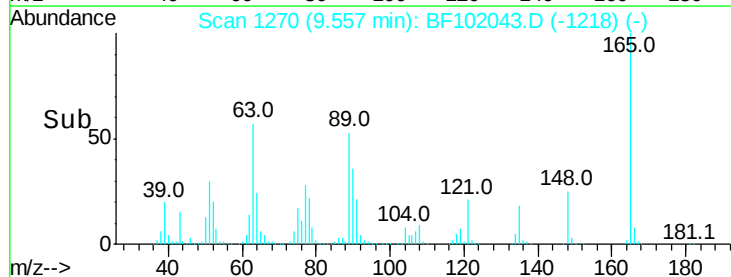
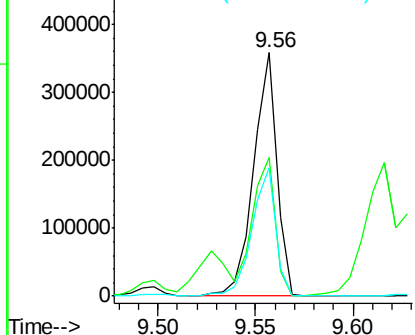
#50
 2,6-Dinitrotoluene
 Concen: 45.469 ng
 RT: 9.56 min Scan# 1270
 Delta R.T. 0.01 min
 Lab File: BF102043.D
 Acq: 12 Jan 2018 15:24

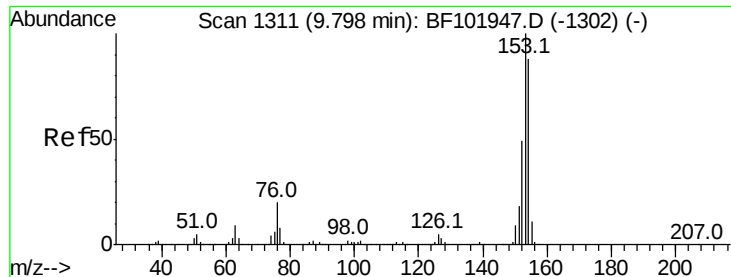
Tgt Ion:165 Resp: 297156

Ion	Ratio	Lower	Upper
165	100		
63	57.1	44.7	67.1
89	52.8	44.0	66.0



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





#51

Acenaphthene

Concen: 36.898 ng

RT: 9.80 min Scan# 1311

Delta R.T. 0.00 min

Lab File: BF102043.D

Acq: 12 Jan 2018 15:24

Instrument :

BNA_F

ClientSampleId :

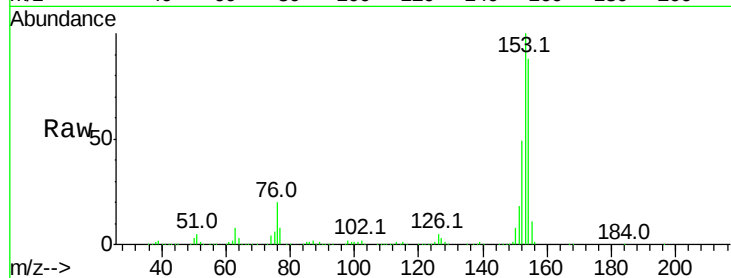
Tot Ion:154 Resp: 993533

Ion Ratio Lower Upper

154 100

153 114.2 91.2 136.8

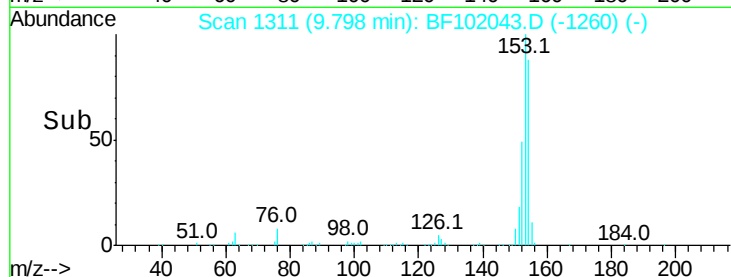
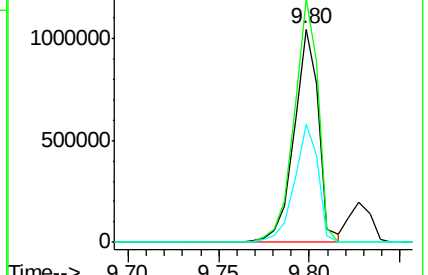
152 55.7 43.8 65.8



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: 28.860 ng

RT: 9.72 min Scan# 1298

Delta R.T. 0.00 min

Lab File: BF102043.D

Acq: 12 Jan 2018 15:24

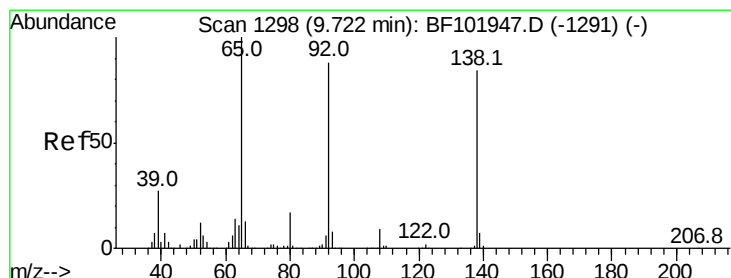
Tgt Ion:138 Resp: 238042

Ion Ratio Lower Upper

138 100

108 10.5 9.4 14.0

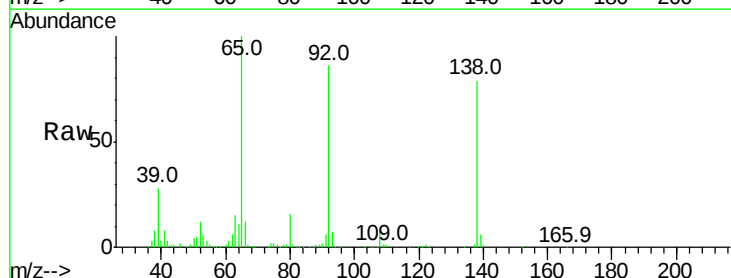
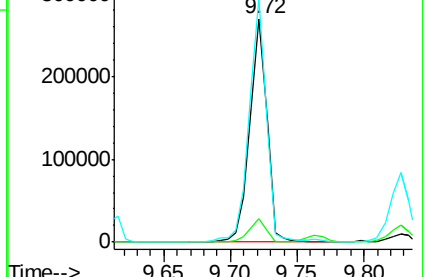
92 108.8 89.4 134.2

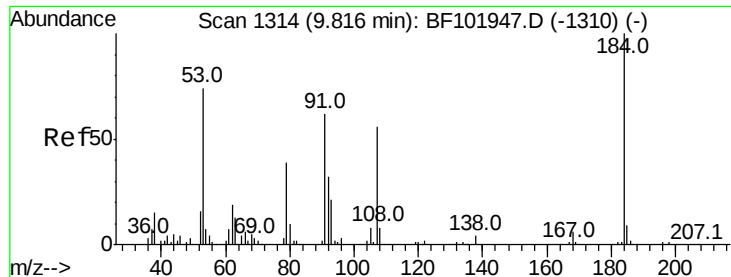


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

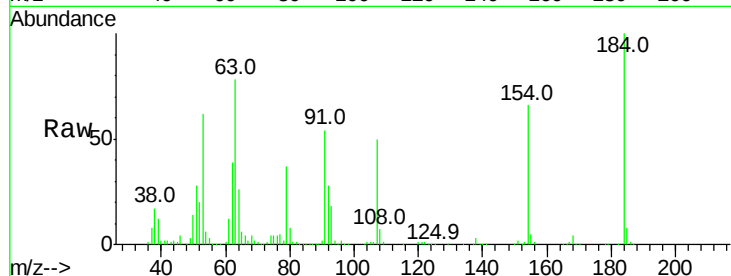




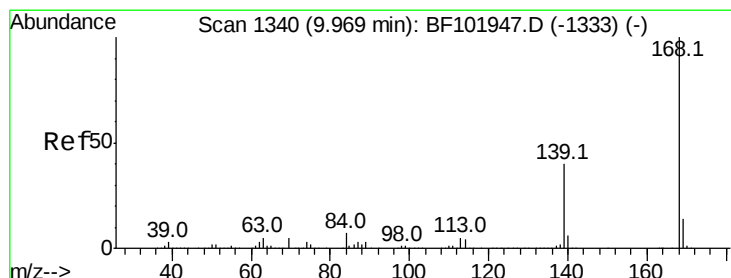
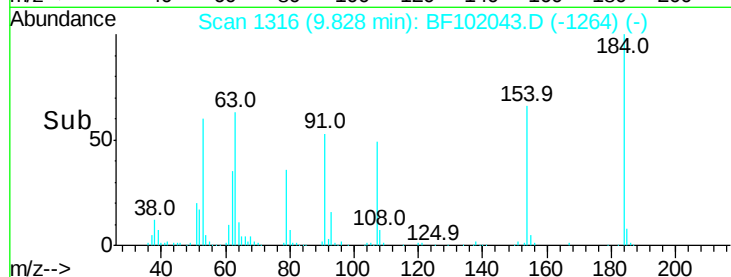
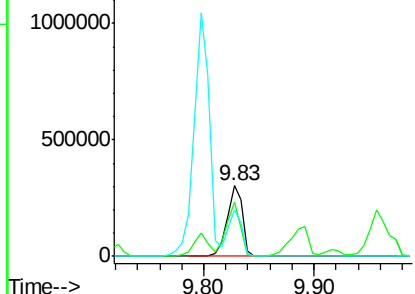
#53
 2,4-Dinitrophenol
 Concen: 114.410 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. 0.01 min
 Lab File: BF102043.D
 Acq: 12 Jan 2018 15:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 296174
 Ion Ratio Lower Upper
 184 100
 63 77.9 54.2 81.2
 154 65.9 184.0 276.0#

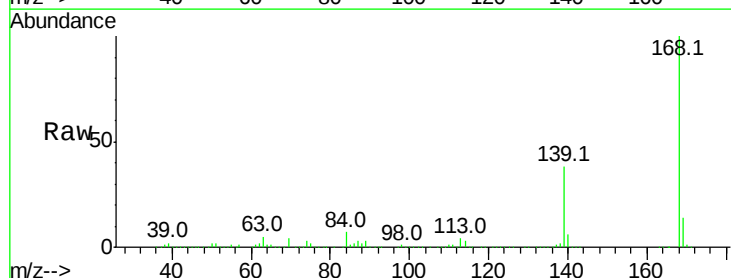


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

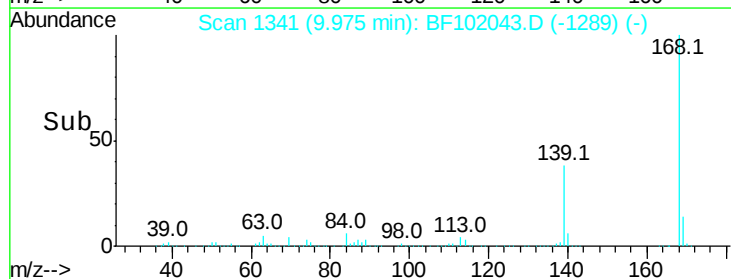
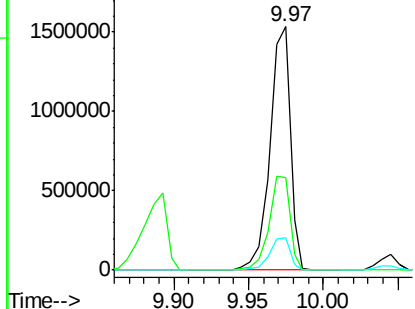


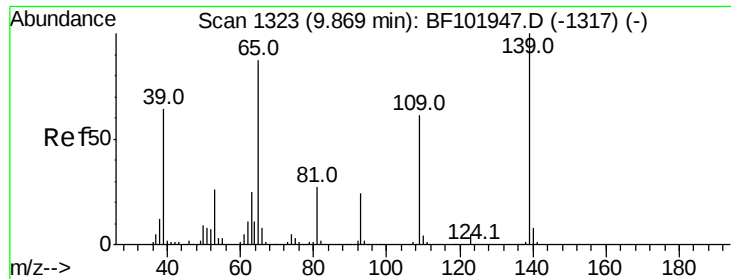
#54
 Dibenzofuran
 Concen: 38.932 ng
 RT: 9.97 min Scan# 1341
 Delta R.T. 0.01 min
 Lab File: BF102043.D
 Acq: 12 Jan 2018 15:24

Tgt Ion:168 Resp: 1438751
 Ion Ratio Lower Upper
 168 100
 139 38.2 30.1 45.1
 169 13.5 10.9 16.3



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





#55

4-Nitrophenol

Concen: 87.772 ng

RT: 9.89 min Scan# 1327

Delta R.T. 0.02 min

Lab File: BF102043.D

Acq: 12 Jan 2018 15:24

Instrument :

BNA_F

ClientSampleId :

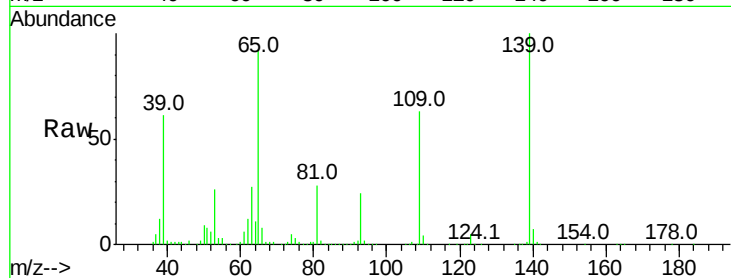
Tot Ion:139 Resp: 539510

Ion Ratio Lower Upper

139 100

109 63.5 48.4 88.4

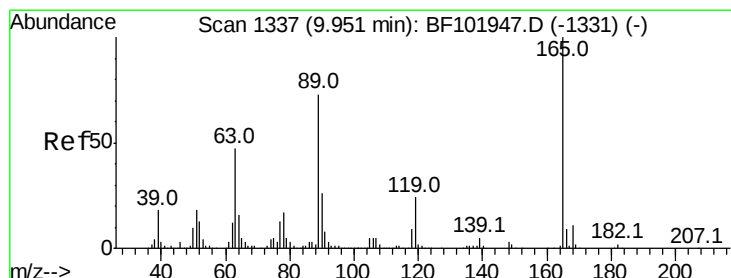
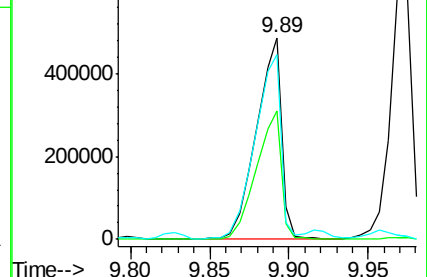
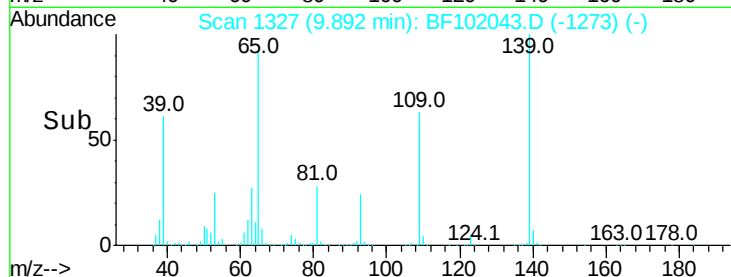
65 91.6 72.6 112.6



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#56

2,4-Dinitrotoluene

Concen: 47.398 ng

RT: 9.96 min Scan# 1338

Delta R.T. 0.01 min

Lab File: BF102043.D

Acq: 12 Jan 2018 15:24

Tgt Ion:165 Resp: 388250

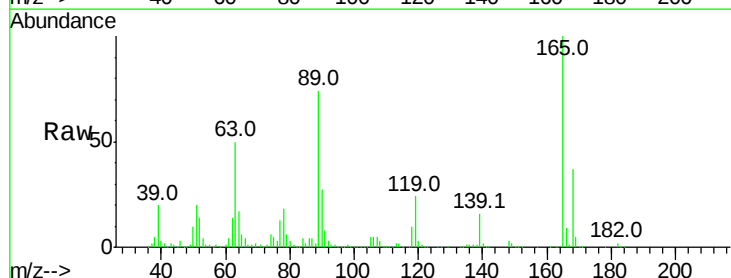
Ion Ratio Lower Upper

165 100

63 50.5 36.4 54.6

89 74.5 57.8 86.6

182 2.5 1.6 2.4#

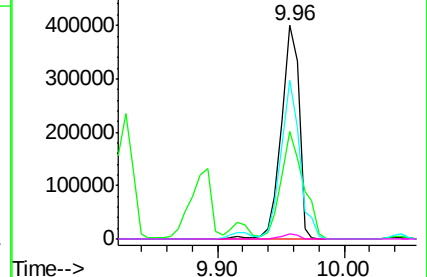
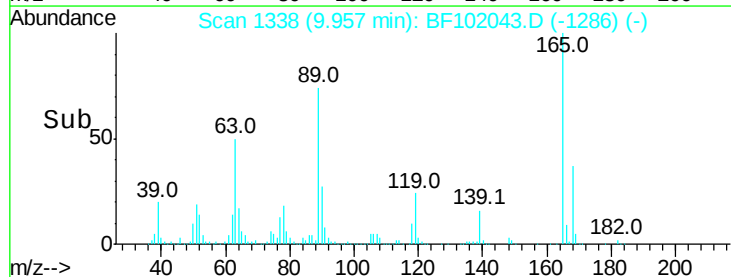


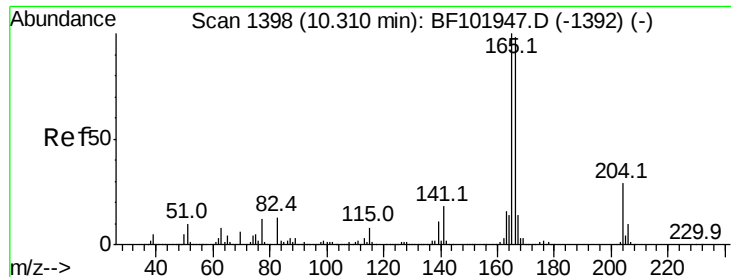
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 41.083 ng

RT: 10.32 min Scan# 1399

Delta R.T. 0.01 min

Lab File: BF102043.D

Acq: 12 Jan 2018 15:24

Instrument :

BNA_F

ClientSampleId :

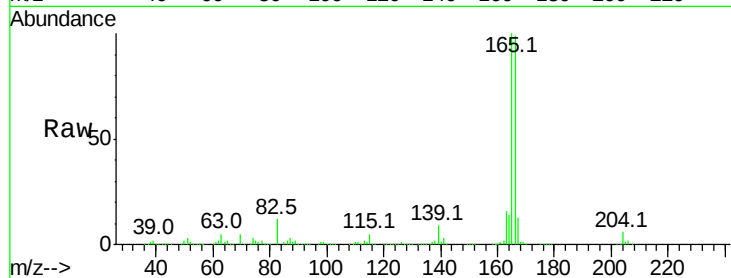
Tot Ion:166 Resp: 1049528

Ion Ratio Lower Upper

166 100

165 100.9 79.8 119.8

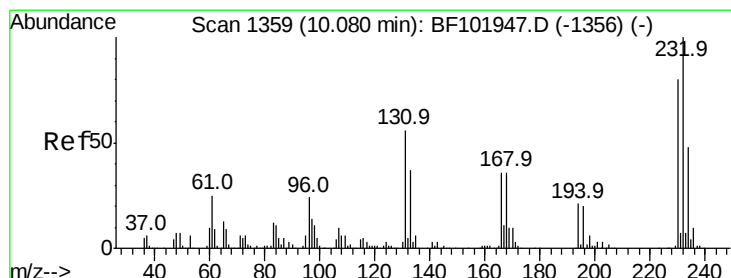
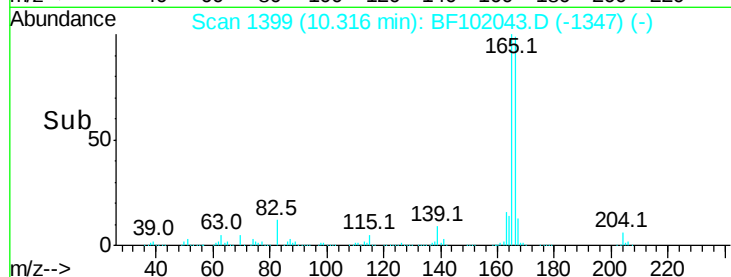
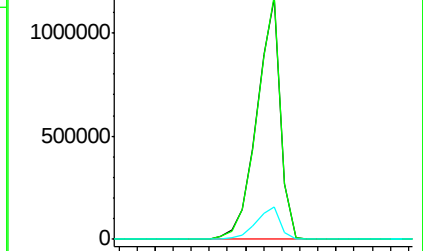
167 13.3 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 44.921 ng

RT: 10.09 min Scan# 1360

Delta R.T. 0.00 min

Lab File: BF102043.D

Acq: 12 Jan 2018 15:24

Tgt Ion:232 Resp: 287397

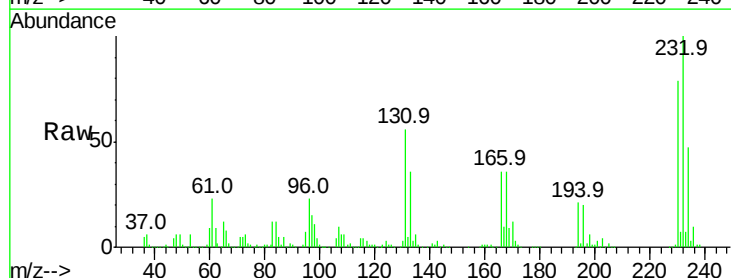
Ion Ratio Lower Upper

232 100

131 54.5 43.8 65.8

130 2.5 2.1 3.1

166 35.6 27.8 41.6

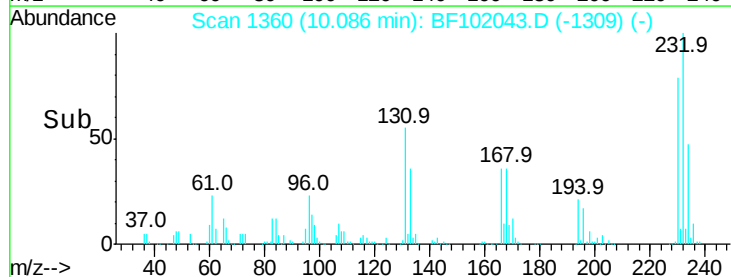
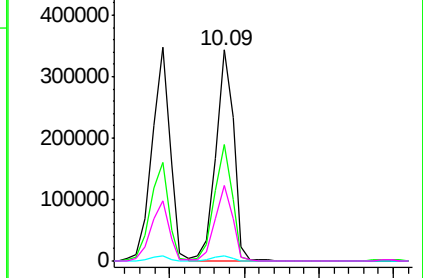


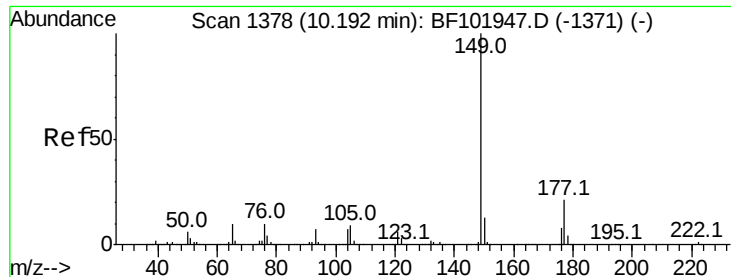
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

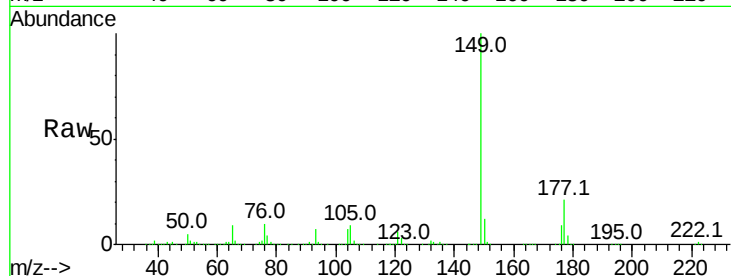




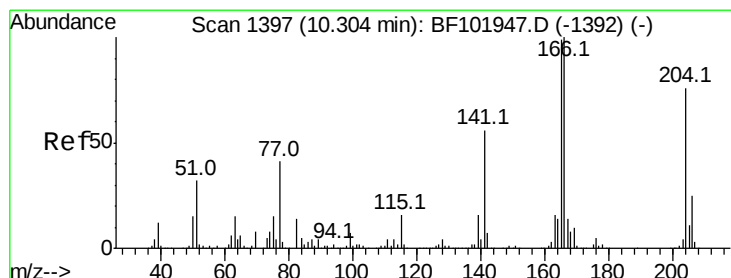
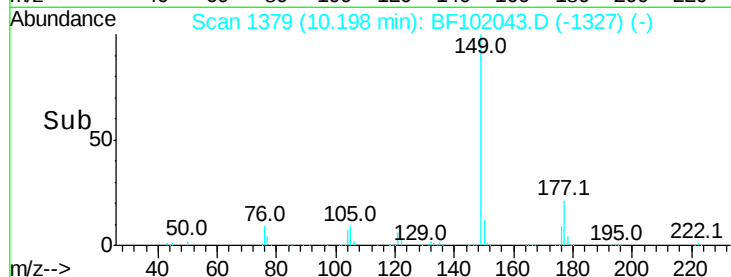
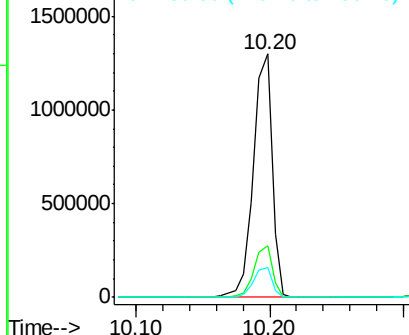
#59
Diethylphthalate
Concen: 38.353 ng
RT: 10.20 min Scan# 1379
Delta R.T. 0.01 min
Lab File: BF102043.D
Acq: 12 Jan 2018 15:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 1248195
Ion Ratio Lower Upper
149 100
177 21.3 16.1 24.1
150 12.4 10.1 15.1

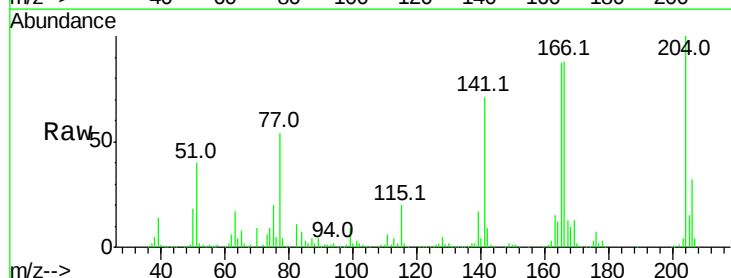


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

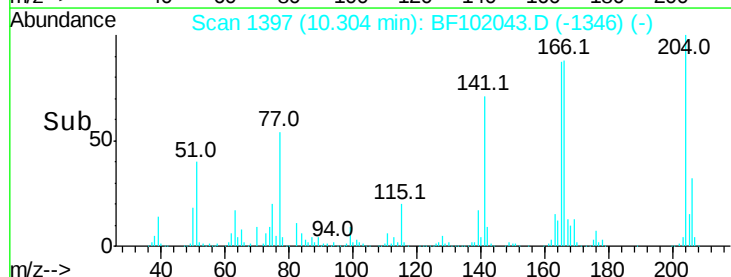
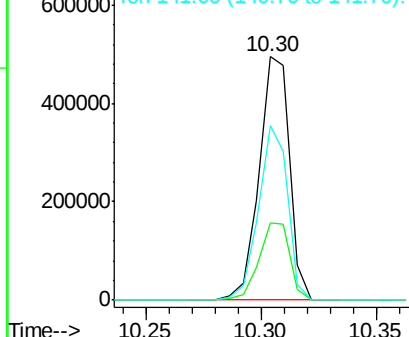


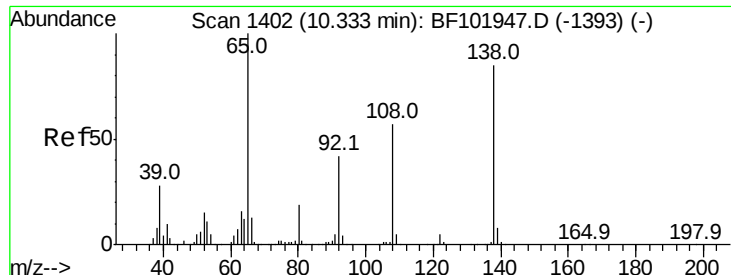
#60
4-Chlorophenyl-phenylether
Concen: 41.954 ng
RT: 10.30 min Scan# 1397
Delta R.T. 0.00 min
Lab File: BF102043.D
Acq: 12 Jan 2018 15:24

Tgt Ion:204 Resp: 456391
Ion Ratio Lower Upper
204 100
206 31.9 26.5 39.7
141 71.4 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

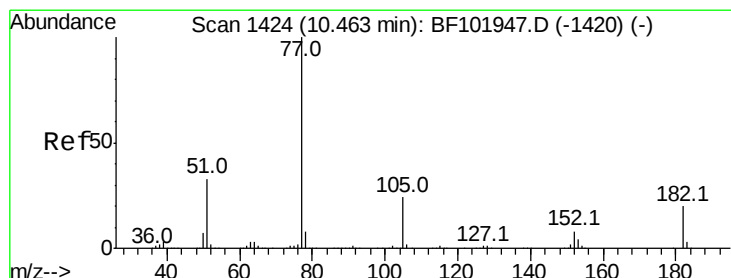
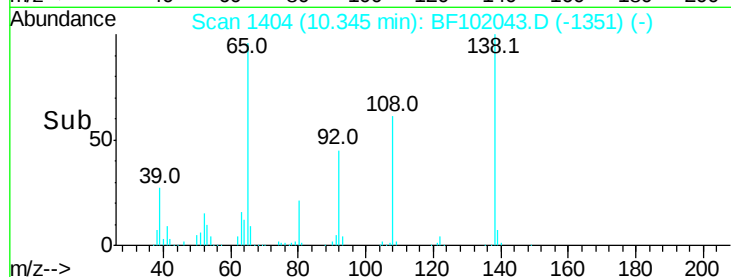
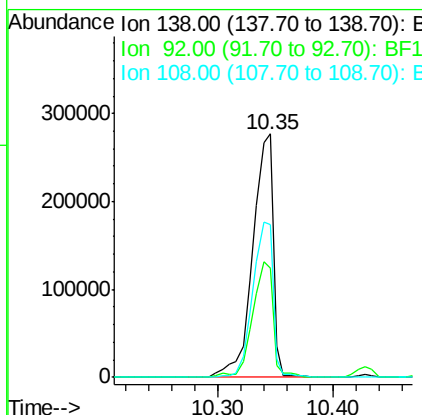
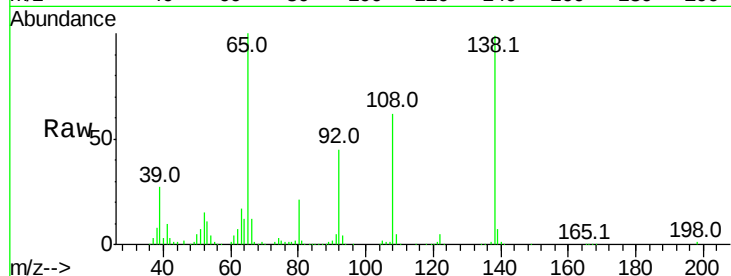




#61
4-Nitroaniline
Concen: 44.232 ng
RT: 10.35 min Scan# 1404
Delta R.T. 0.01 min
Lab File: BF102043.D
Acq: 12 Jan 2018 15:24

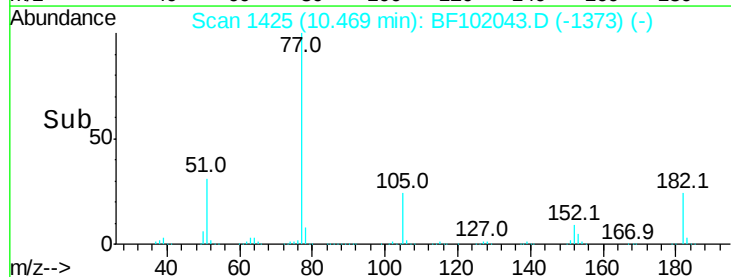
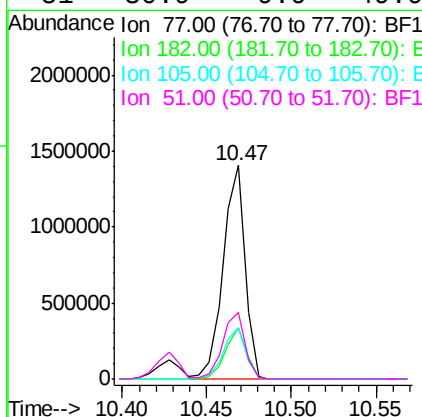
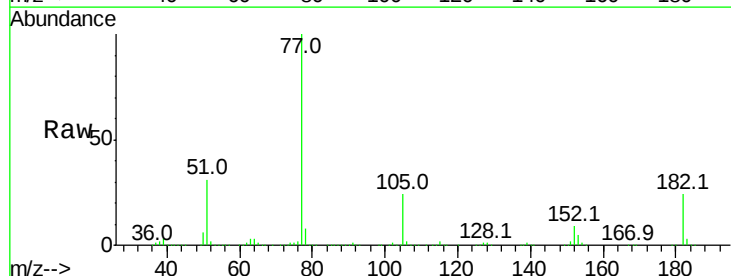
Instrument :
BNA_F
ClientSampleId :

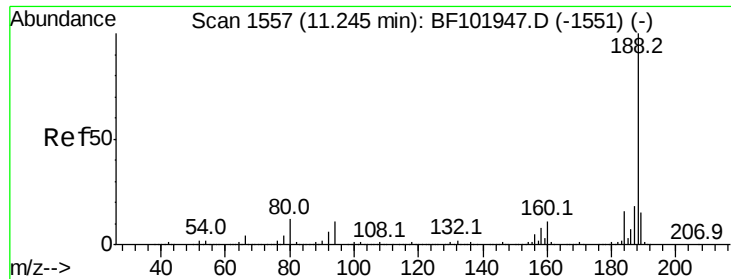
Tot Ion:138 Resp: 346235
Ion Ratio Lower Upper
138 100
92 45.0 30.2 70.2
108 62.7 52.5 92.5



#62
Azobenzene
Concen: 39.178 ng
RT: 10.47 min Scan# 1425
Delta R.T. 0.01 min
Lab File: BF102043.D
Acq: 12 Jan 2018 15:24

Tgt Ion: 77 Resp: 1268578
Ion Ratio Lower Upper
77 100
182 24.3 1.7 41.7
105 24.2 3.0 43.0
51 30.9 9.9 49.9

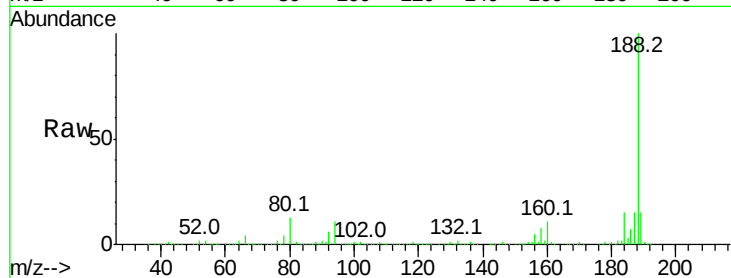




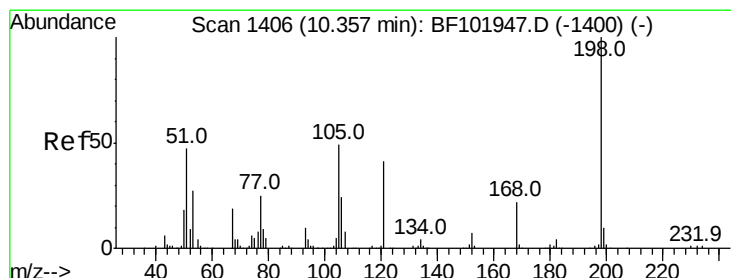
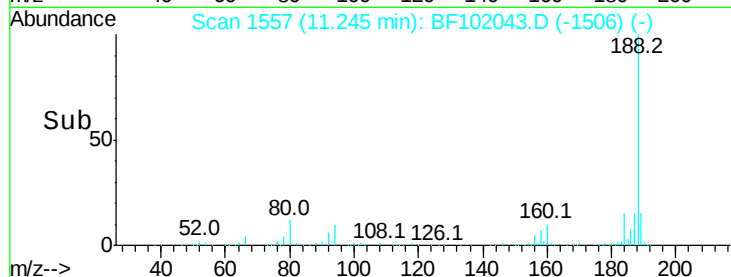
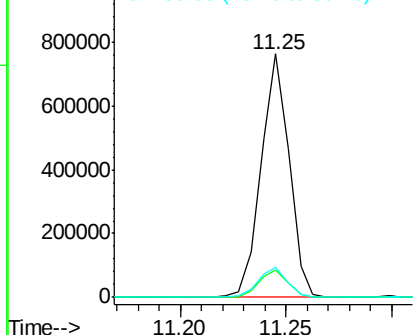
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1557
Delta R.T. 0.00 min
Lab File: BF102043.D
Acq: 12 Jan 2018 15:24

Instrument :
BNA_F
ClientSampled :

Tot Ion:188 Resp: 705216
Ion Ratio Lower Upper
188 100
94 11.0 8.5 12.7
80 12.5 9.2 13.8

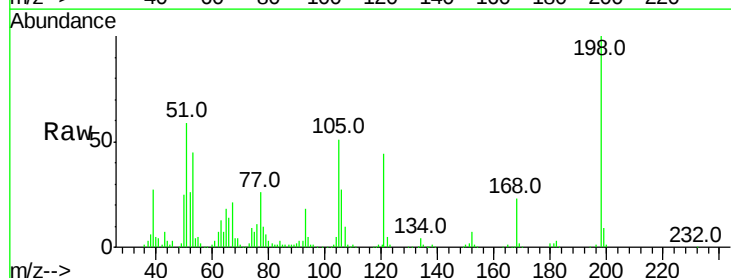


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

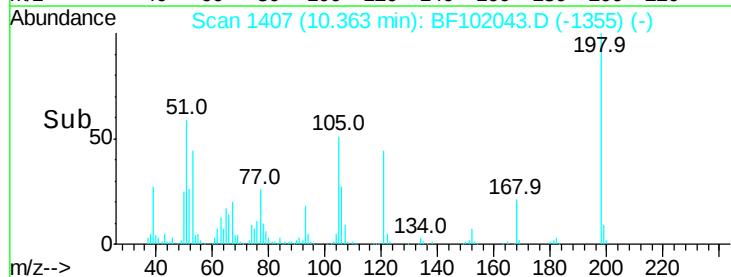
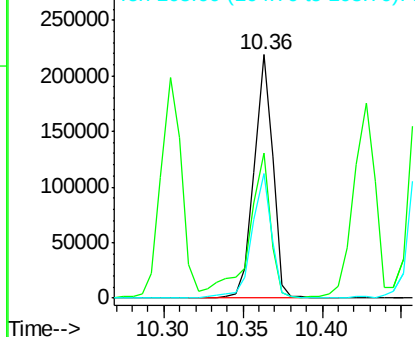


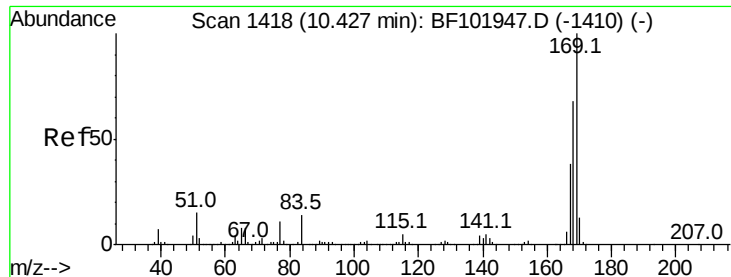
#64
4,6-Dinitro-2-methylphenol
Concen: 47.082 ng
RT: 10.36 min Scan# 1407
Delta R.T. 0.01 min
Lab File: BF102043.D
Acq: 12 Jan 2018 15:24

Tgt Ion:198 Resp: 179858
Ion Ratio Lower Upper
198 100
51 59.4 37.7 77.7
105 51.4 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: 38.990 ng

RT: 10.43 min Scan# 1418

Delta R.T. 0.00 min

Lab File: BF102043.D

Acq: 12 Jan 2018 15:24

Instrument :

BNA_F

ClientSampleId :

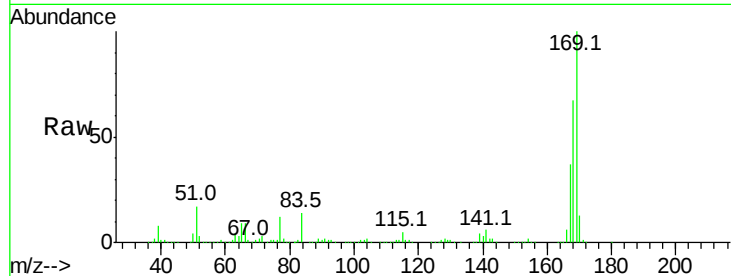
Tot Ion:169 Resp: 1029628

Ion Ratio Lower Upper

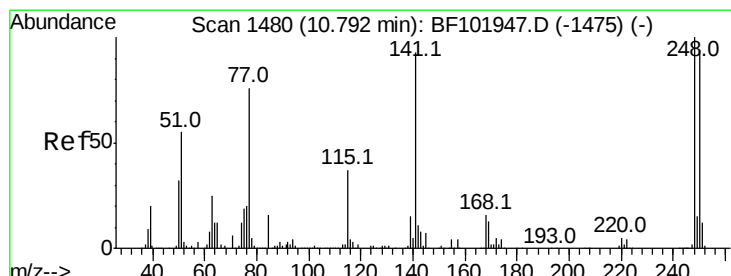
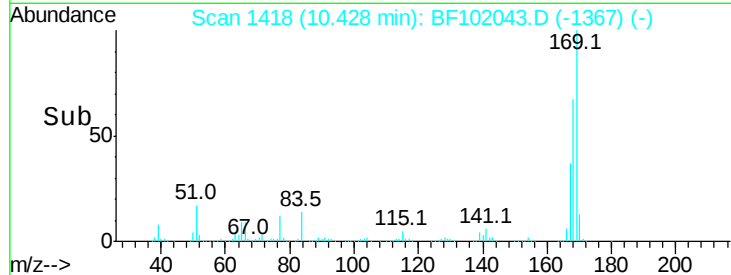
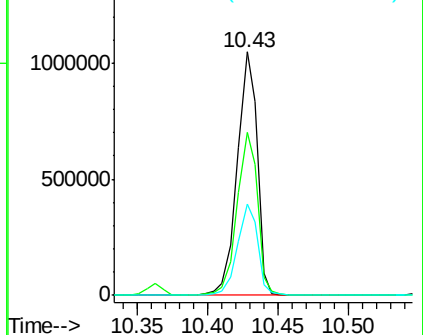
169 100

168 67.1 54.4 81.6

167 37.4 29.8 44.6



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



#66

4-Bromophenyl-phenylether

Concen: 40.871 ng

RT: 10.80 min Scan# 1481

Delta R.T. 0.01 min

Lab File: BF102043.D

Acq: 12 Jan 2018 15:24

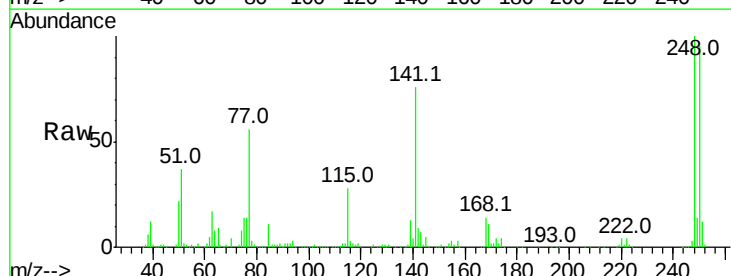
Tgt Ion:248 Resp: 304384

Ion Ratio Lower Upper

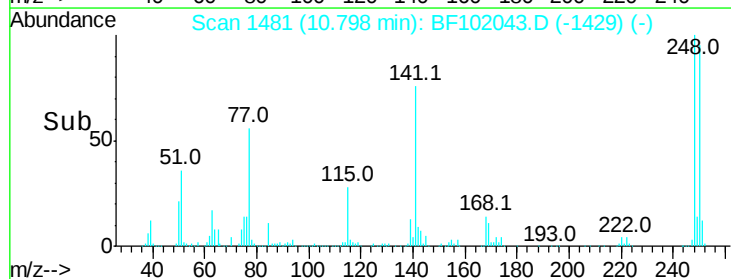
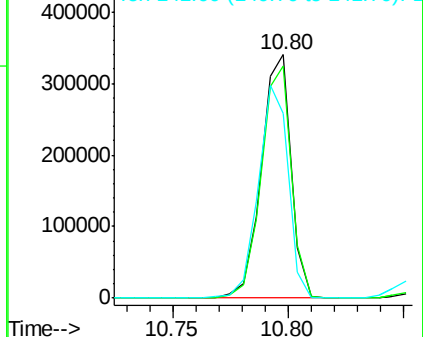
248 100

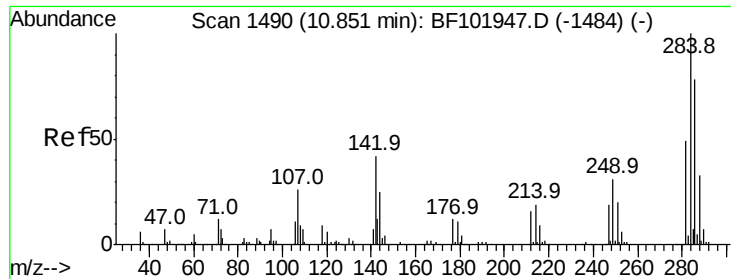
250 95.2 76.9 115.3

141 76.0 74.4 111.6



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

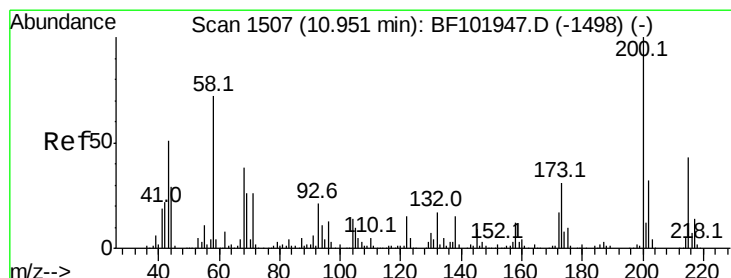
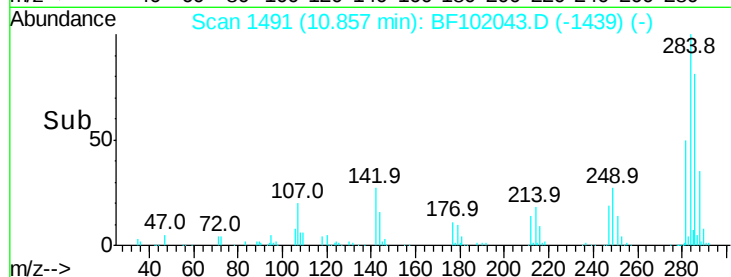
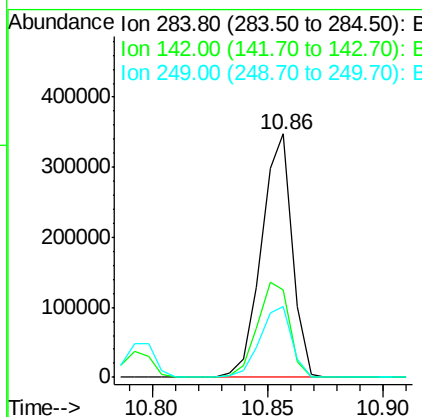
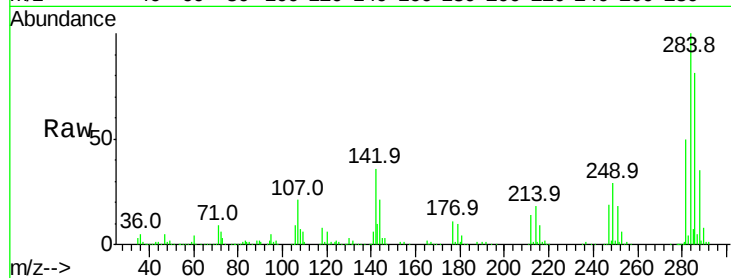




#67
Hexachlorobenzene
Concen: 39.690 ng
RT: 10.86 min Scan# 1491
Delta R.T. 0.01 min
Lab File: BF102043.D
Acq: 12 Jan 2018 15:24

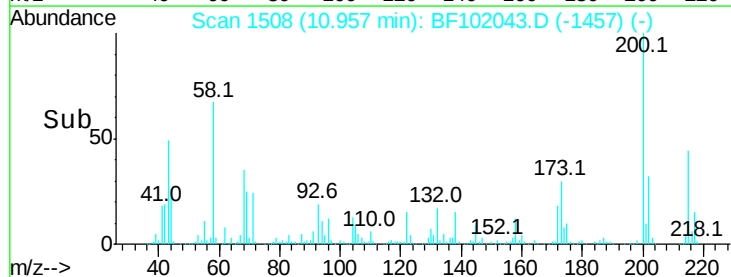
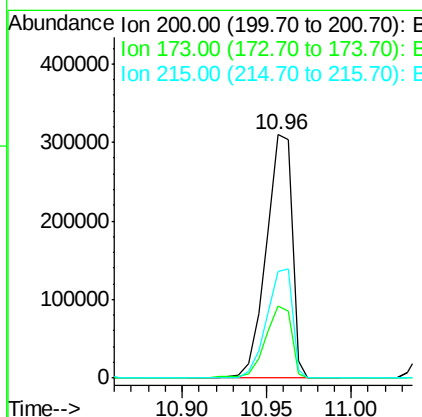
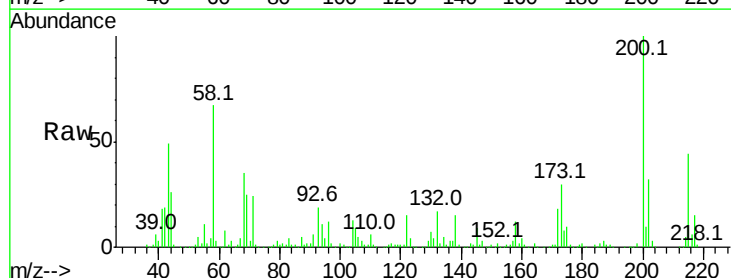
Instrument :
BNA_F
ClientSampleId :

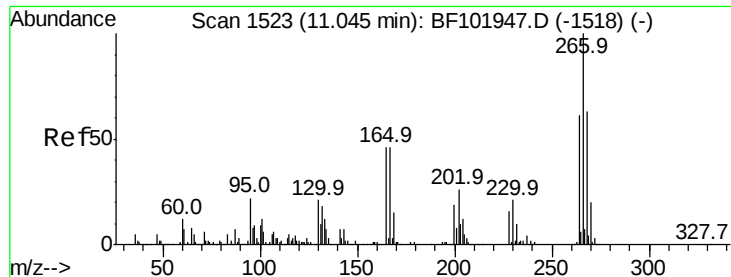
Tot Ion	Ratio	Lower	Upper
284	100		
142	35.7	34.6	52.0
249	29.3	24.8	37.2



#68
Atrazine
Concen: 42.813 ng
RT: 10.96 min Scan# 1508
Delta R.T. 0.00 min
Lab File: BF102043.D
Acq: 12 Jan 2018 15:24

Tgt Ion	Ratio	Lower	Upper
200	100		
173	29.6	8.6	48.6
215	43.7	25.1	65.1

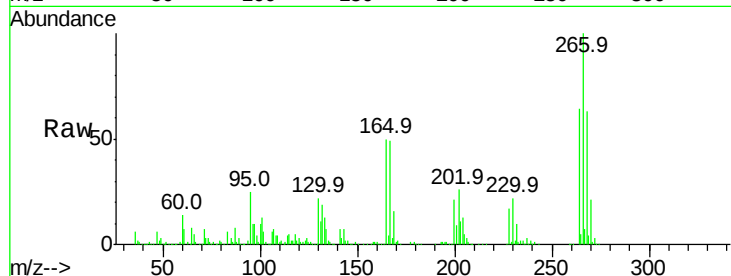




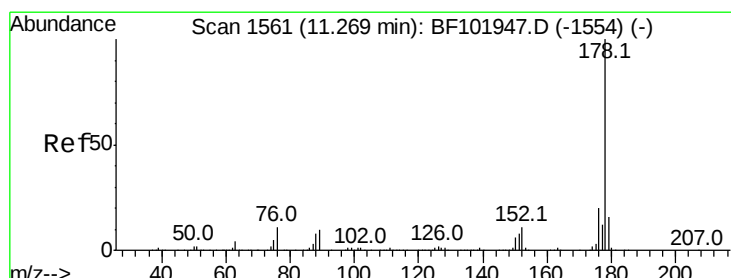
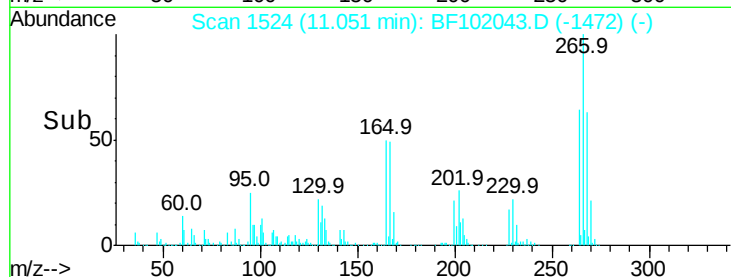
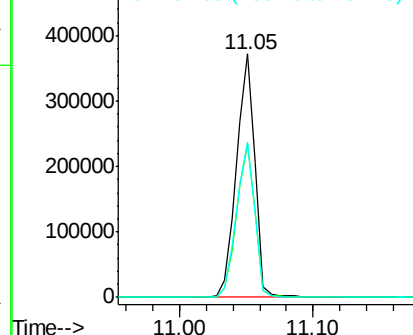
#69
 Pentachlorophenol
 Concen: 73.272 ng
 RT: 11.05 min Scan# 1524
 Delta R.T. 0.01 min
 Lab File: BF102043.D
 Acq: 12 Jan 2018 15:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 363265
 Ion Ratio Lower Upper
 266 100
 268 62.8 51.1 76.7
 264 63.8 49.5 74.3

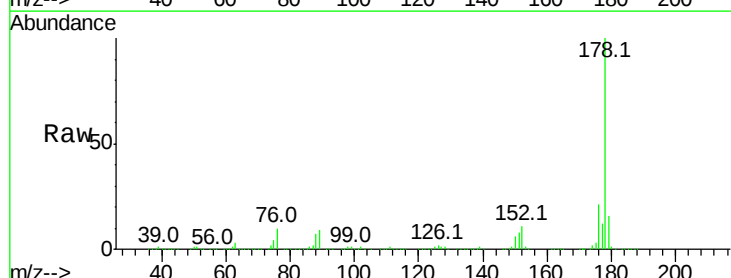


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

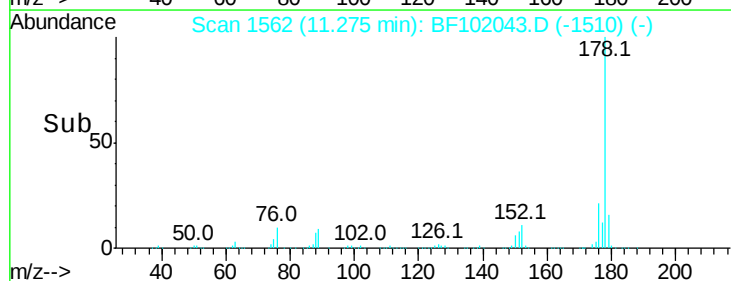
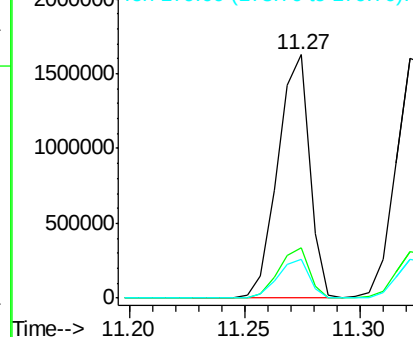


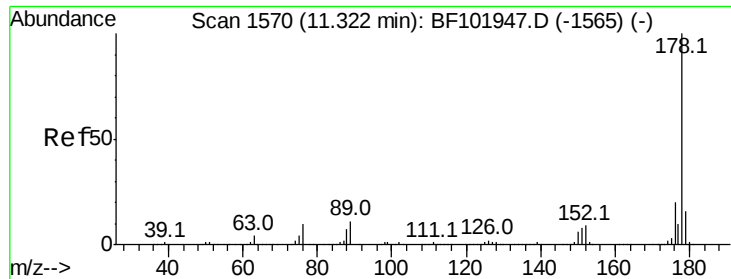
#70
 Phenanthrene
 Concen: 37.664 ng
 RT: 11.27 min Scan# 1562
 Delta R.T. 0.01 min
 Lab File: BF102043.D
 Acq: 12 Jan 2018 15:24

Tgt Ion:178 Resp: 1551510
 Ion Ratio Lower Upper
 178 100
 176 20.7 15.8 23.8
 179 16.0 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

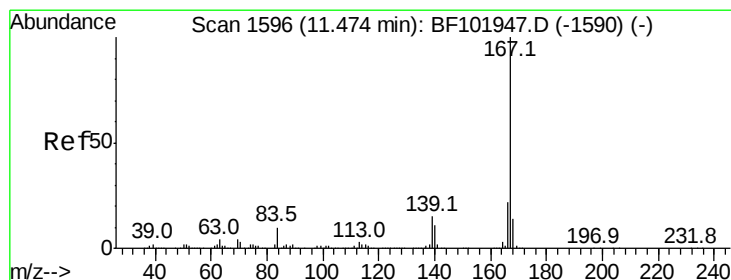
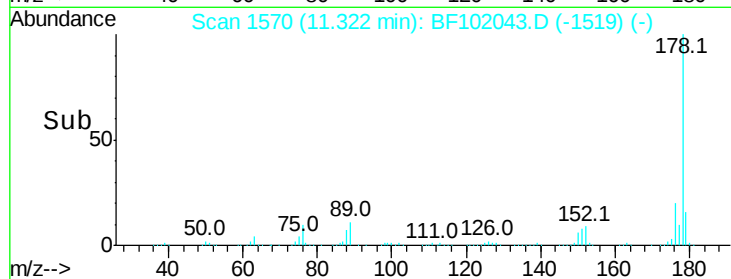
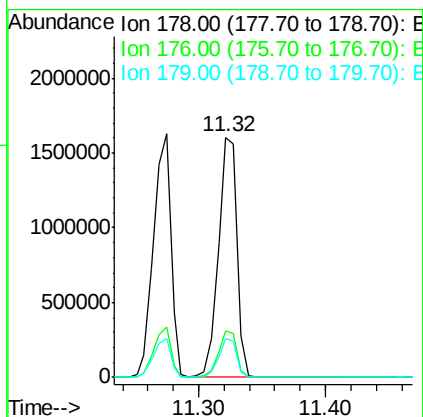
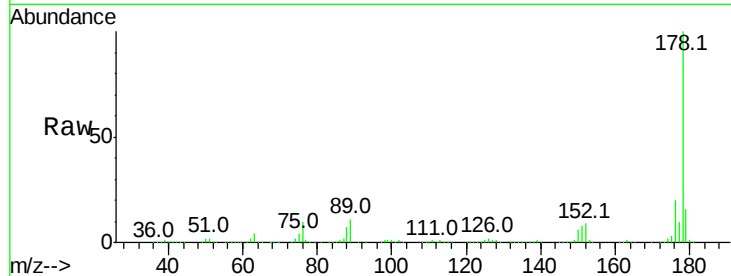




#71
 Anthracene
 Concen: 39.462 ng
 RT: 11.32 min Scan# 1570
 Delta R.T. 0.00 min
 Lab File: BF102043.D
 Acq: 12 Jan 2018 15:24

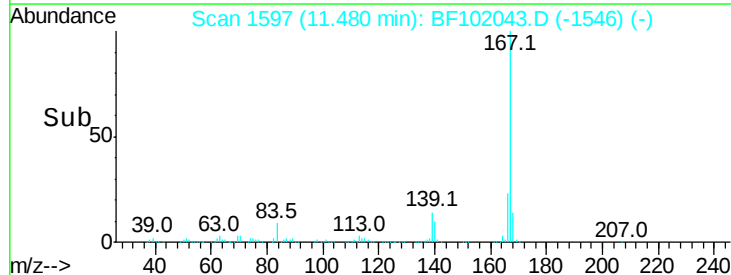
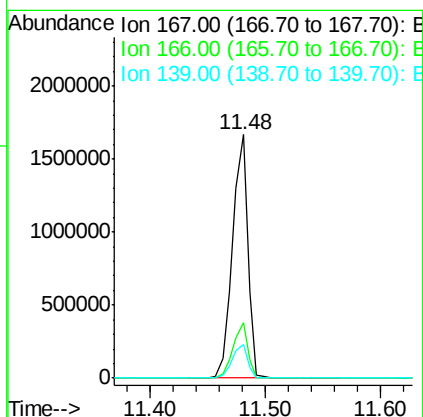
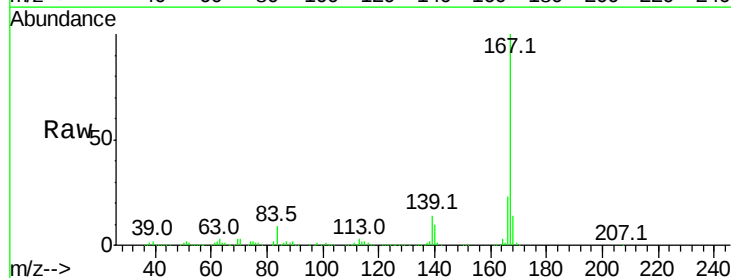
Instrument :
 BNA_F
 ClientSampleId :

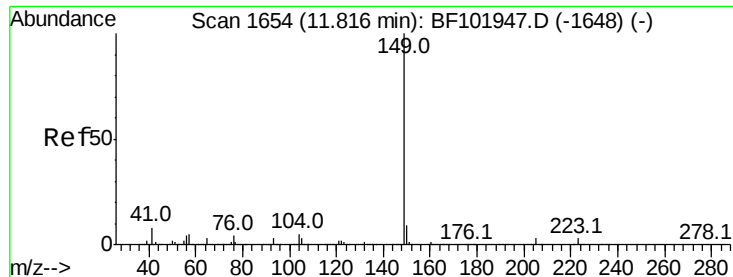
Tot Ion:178 Resp: 1648661
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.4 23.2
 179 16.2 12.6 19.0



#72
 Carbazole
 Concen: 37.544 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. 0.00 min
 Lab File: BF102043.D
 Acq: 12 Jan 2018 15:24

Tgt Ion:167 Resp: 1541703
 Ion Ratio Lower Upper
 167 100
 166 22.6 17.6 26.4
 139 13.8 10.9 16.3





#73

Di-n-butylphthalate

Concen: 37.754 ng

RT: 11.82 min Scan# 1654

Delta R.T. 0.01 min

Lab File: BF102043.D

Acq: 12 Jan 2018 15:24

Instrument :

BNA_F

ClientSampled :

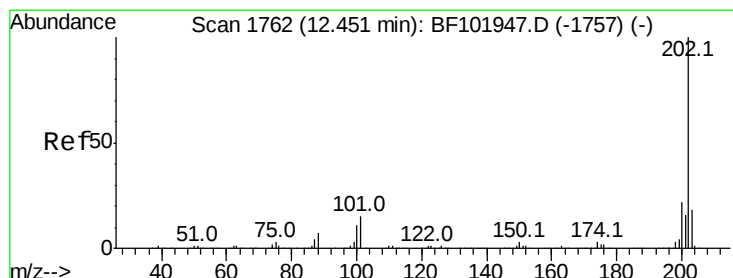
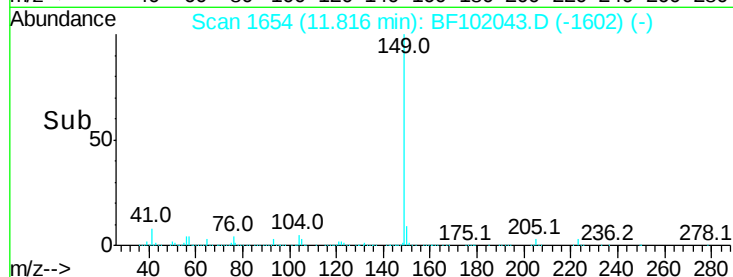
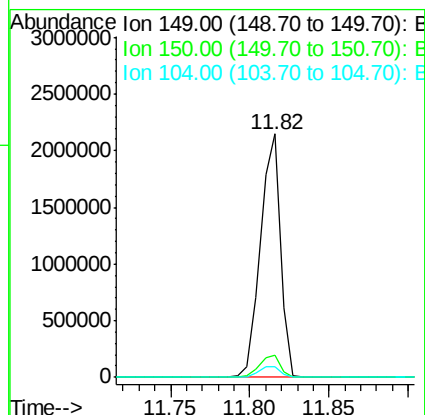
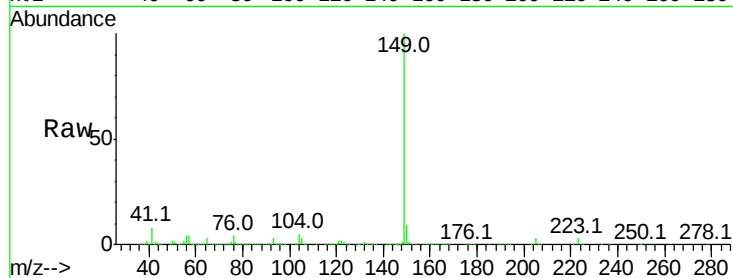
Tot Ion:149 Resp: 1902047

Ion Ratio Lower Upper

149 100

150 9.2 7.8 11.6

104 4.6 3.8 5.8



#74

Fluoranthene

Concen: 38.961 ng

RT: 12.46 min Scan# 1763

Delta R.T. 0.00 min

Lab File: BF102043.D

Acq: 12 Jan 2018 15:24

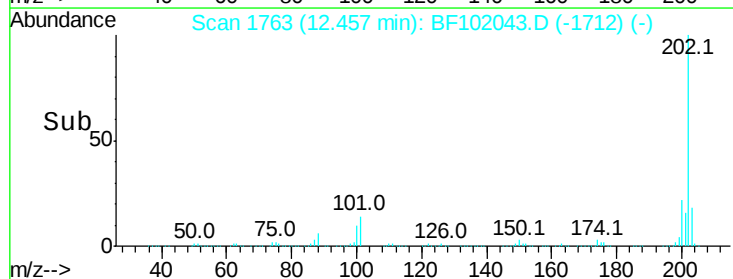
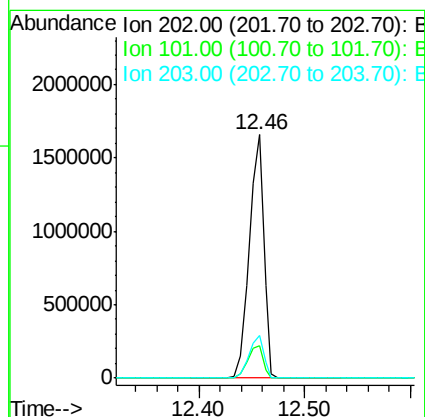
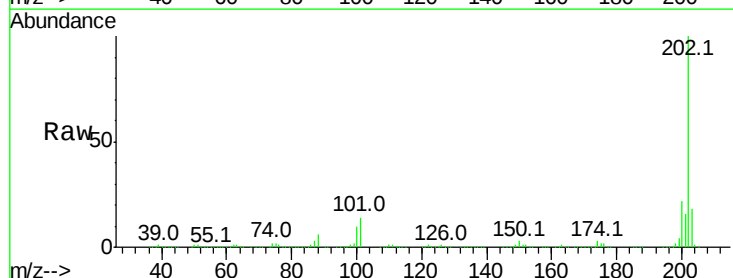
Tgt Ion:202 Resp: 1579050

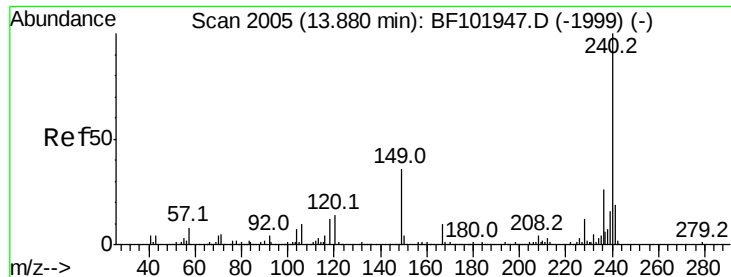
Ion Ratio Lower Upper

202 100

101 13.6 0.0 34.1

203 17.5 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.88 min Scan# 2005

Delta R.T. 0.00 min

Lab File: BF102043.D

Acq: 12 Jan 2018 15:24

Instrument :

BNA_F

ClientSampleId :

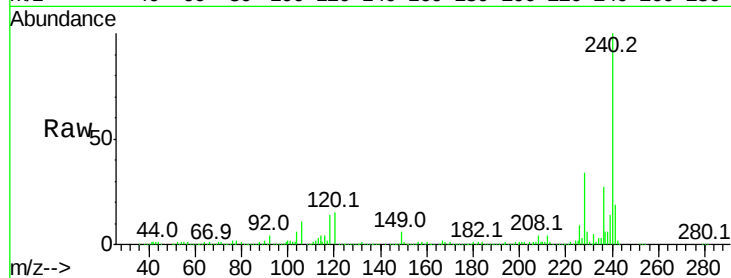
Tot Ion:240 Resp: 464833

Ion Ratio Lower Upper

240 100

120 15.2 9.5 14.3#

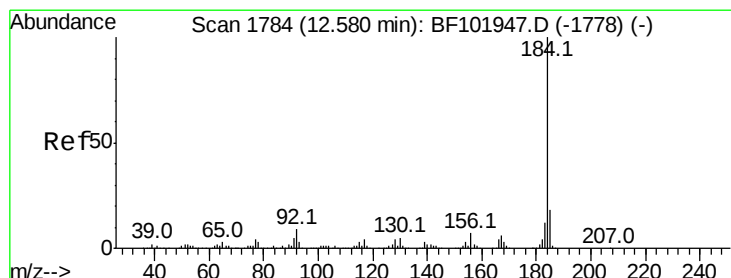
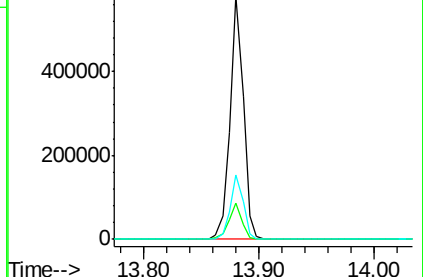
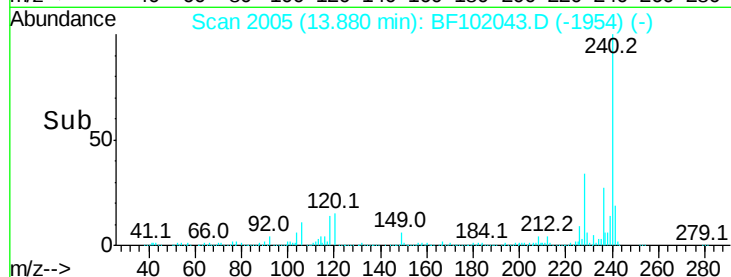
236 26.6 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 22.809 ng

RT: 12.58 min Scan# 1784

Delta R.T. 0.00 min

Lab File: BF102043.D

Acq: 12 Jan 2018 15:24

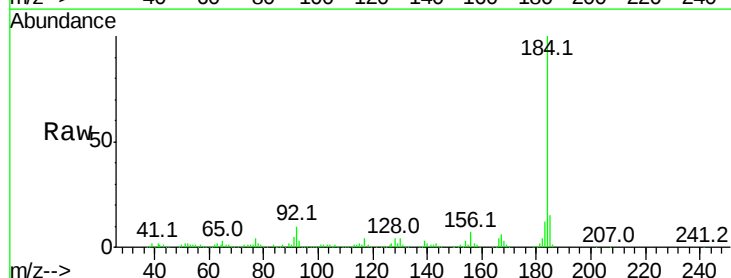
Tgt Ion:184 Resp: 511985

Ion Ratio Lower Upper

184 100

185 14.5 12.6 18.8

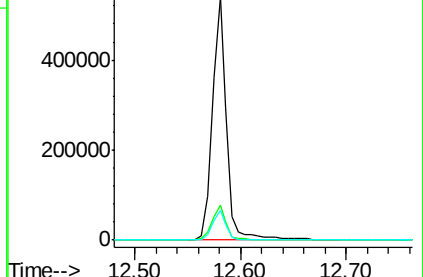
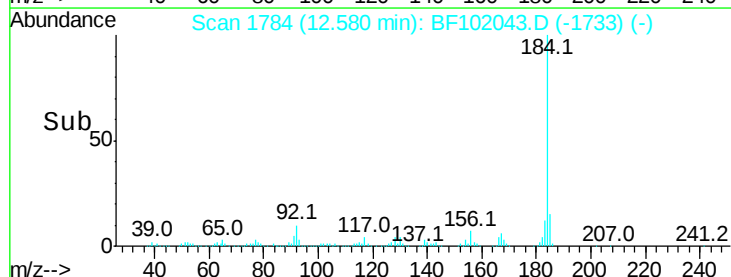
183 12.4 9.3 13.9

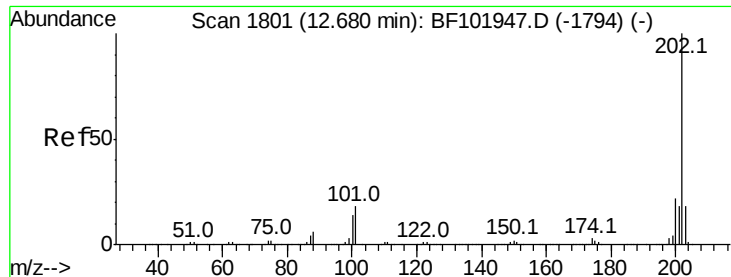


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

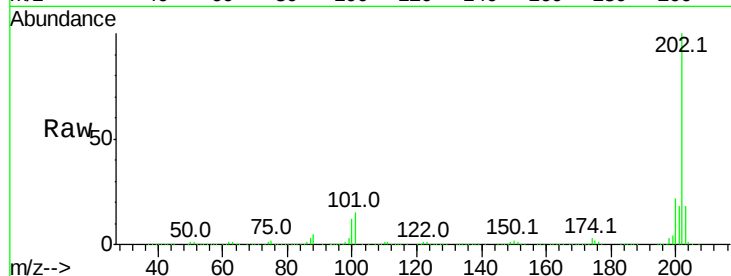




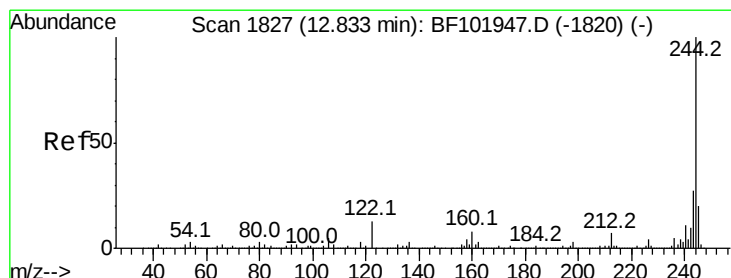
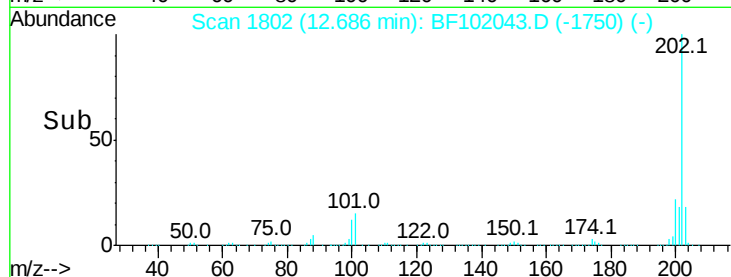
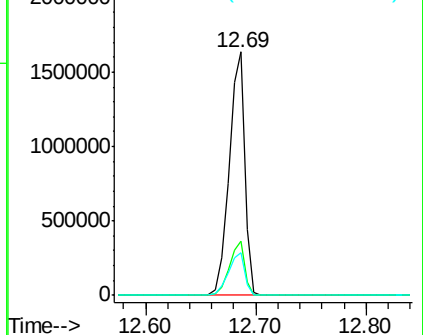
#77
Pvrene
Concen: 39.472 ng
RT: 12.69 min Scan# 1802
Delta R.T. 0.01 min
Lab File: BF102043.D
Acq: 12 Jan 2018 15:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1621856
Ion Ratio Lower Upper
202 100
200 22.5 17.4 26.2
203 17.7 14.3 21.5

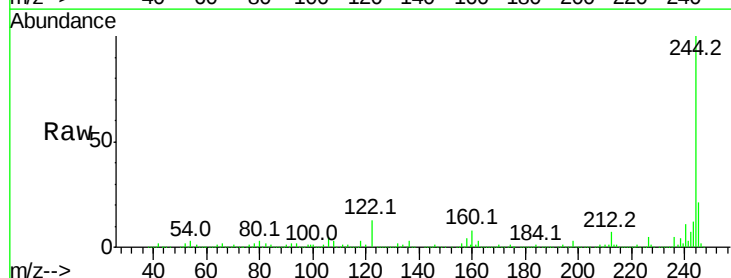


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

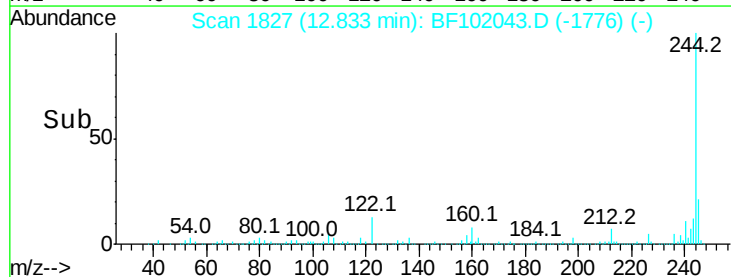
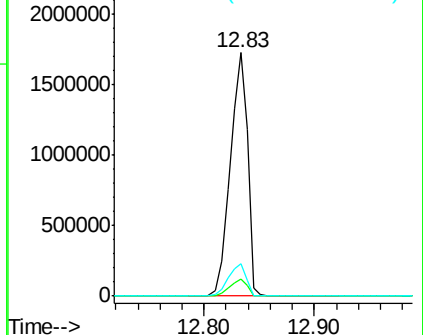


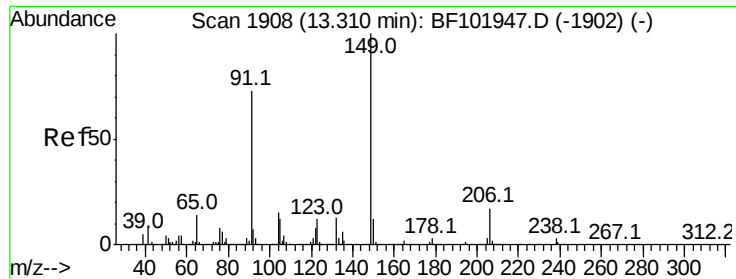
#78
Terphenyl-d14
Concen: 84.840 ng
RT: 12.83 min Scan# 1827
Delta R.T. 0.00 min
Lab File: BF102043.D
Acq: 12 Jan 2018 15:24

Tgt Ion:244 Resp: 1899393
Ion Ratio Lower Upper
244 100
212 7.1 5.4 8.0
122 13.4 11.0 16.4



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

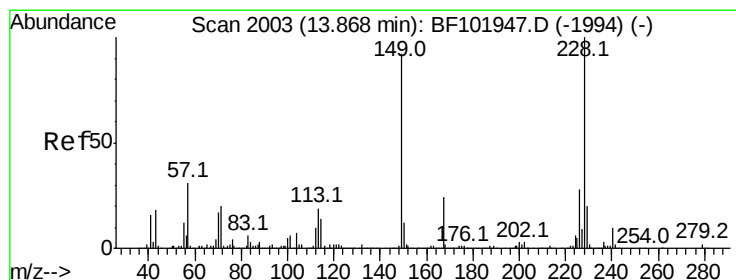
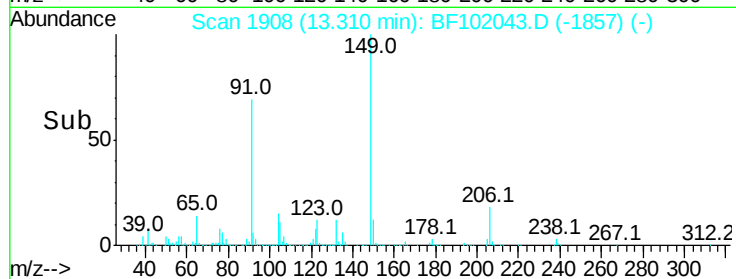
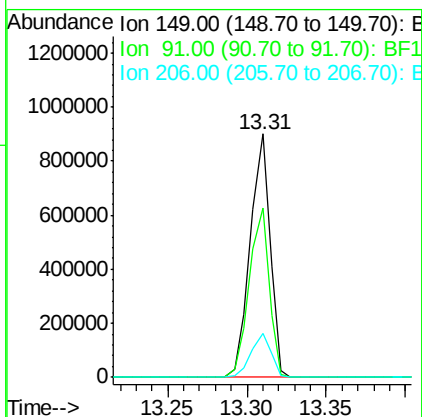
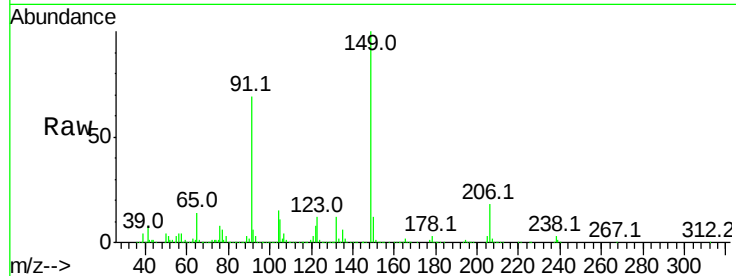




#79
Butylbenzylphthalate
Concen: 41.781 ng
RT: 13.31 min Scan# 1908
Delta R.T. 0.00 min
Lab File: BF102043.D
Acq: 12 Jan 2018 15:24

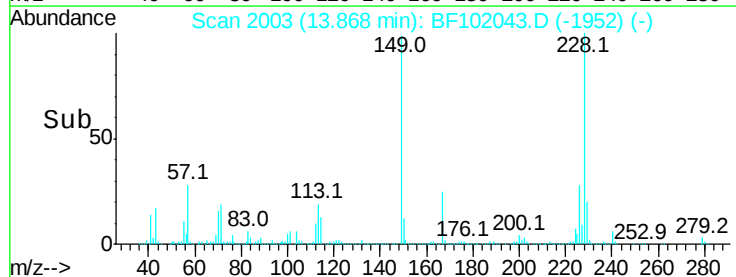
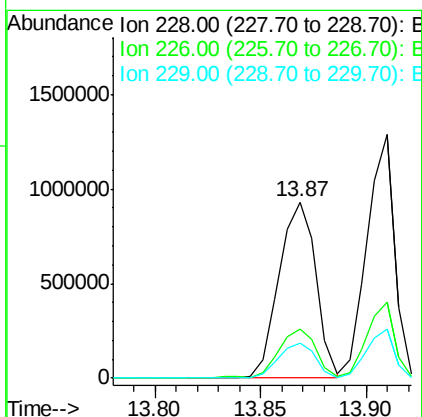
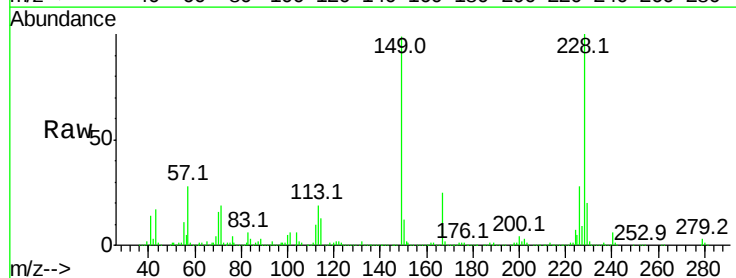
Instrument :
BNA_F
ClientSampleId :

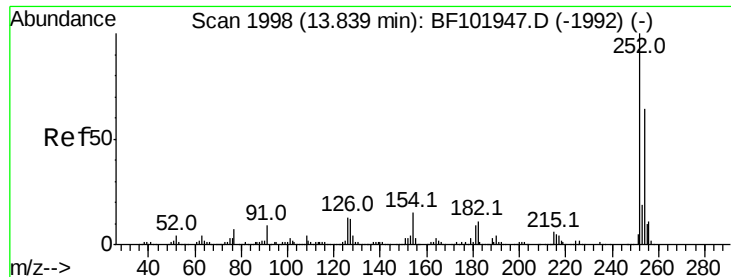
Tot Ion:	149	Resp:	787837
Ion	Ratio	Lower	Upper
149	100		
91	69.3	56.8	85.2
206	18.0	14.1	21.1



#80
Benzo(a)anthracene
Concen: 38.087 ng
RT: 13.87 min Scan# 2003
Delta R.T. 0.00 min
Lab File: BF102043.D
Acq: 12 Jan 2018 15:24

Tgt Ion:	228	Resp:	1129567
Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.6	33.8
229	20.0	15.8	23.6





#81

3,3'-Dichlorobenzidine

Concen: 29.375 ng

RT: 13.84 min Scan# 1998

Delta R.T. 0.01 min

Lab File: BF102043.D

Acq: 12 Jan 2018 15:24

Instrument :

BNA_F

ClientSampleId :

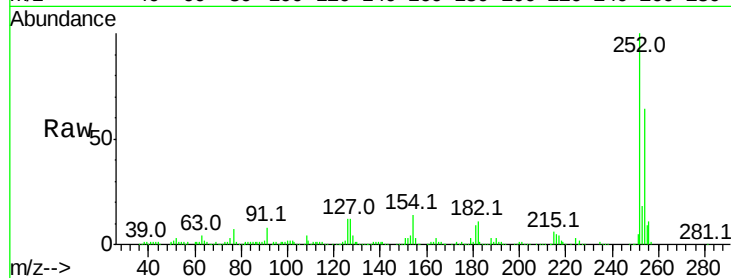
Tot Ion:252 Resp: 322569

Ion Ratio Lower Upper

252 100

254 63.6 50.4 75.6

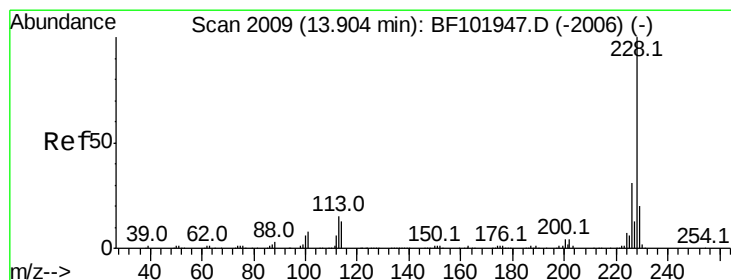
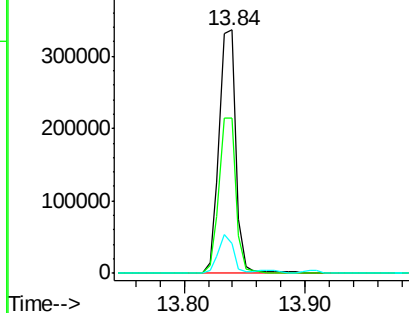
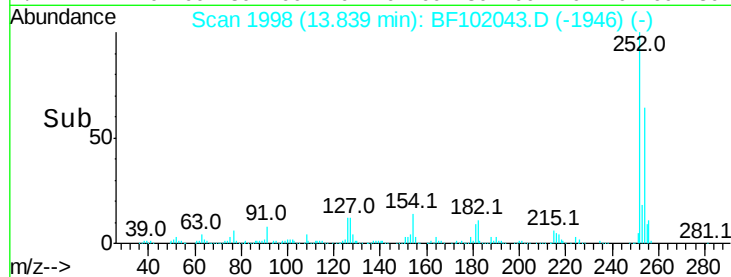
126 12.3 11.3 16.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 38.430 ng

RT: 13.91 min Scan# 2010

Delta R.T. 0.01 min

Lab File: BF102043.D

Acq: 12 Jan 2018 15:24

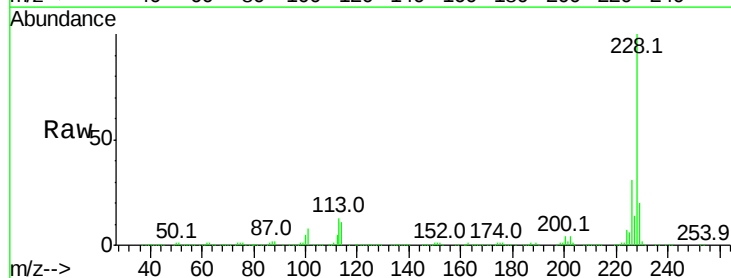
Tgt Ion:228 Resp: 1188427

Ion Ratio Lower Upper

228 100

226 31.1 25.0 37.6

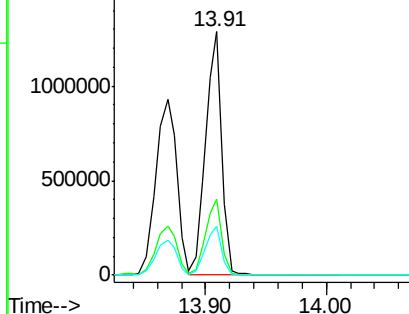
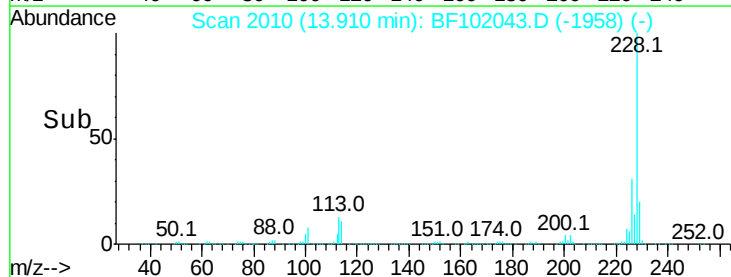
229 20.0 16.2 24.4

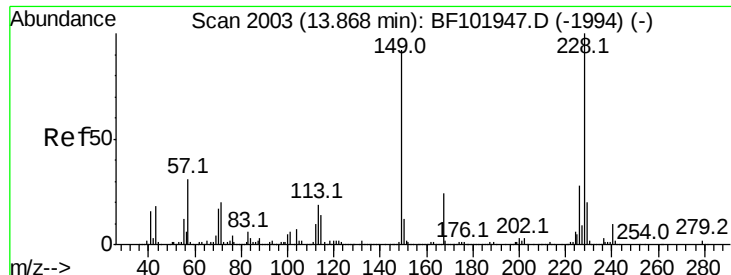


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

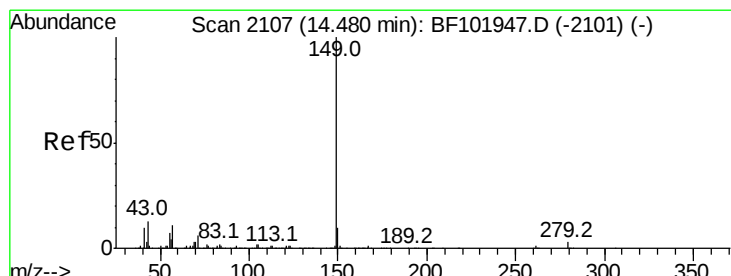
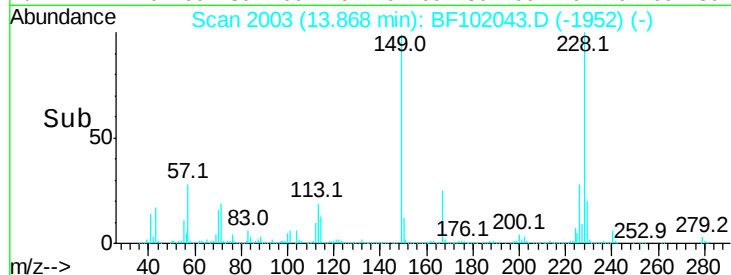
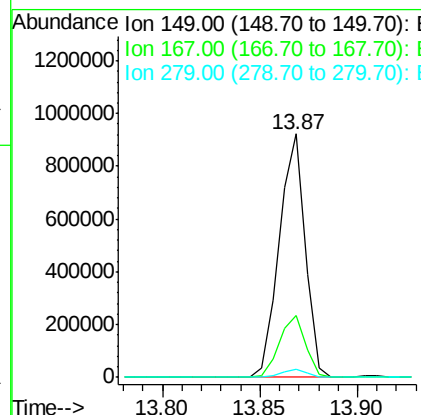
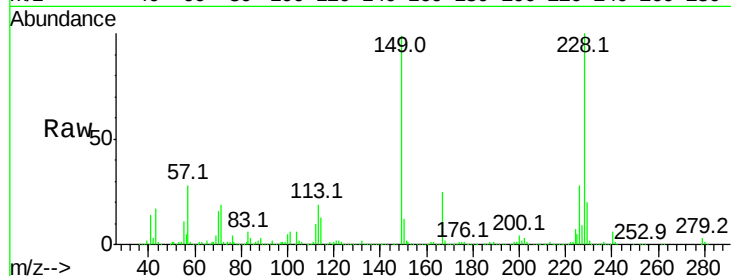




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.263 ng
 RT: 13.87 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: BF102043.D
 Acq: 12 Jan 2018 15:24

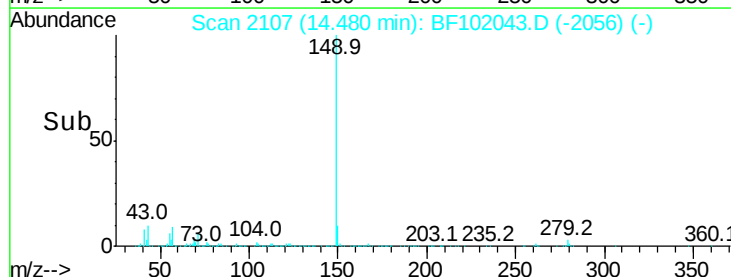
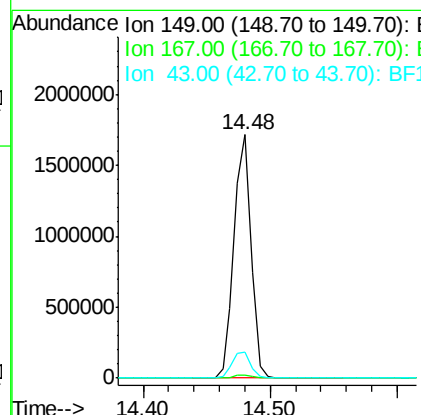
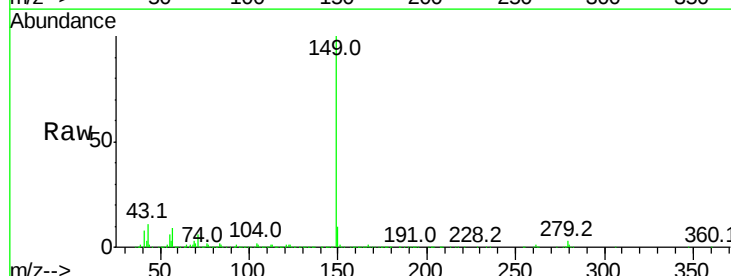
Instrument :
 BNA_F
 ClientSampleId :

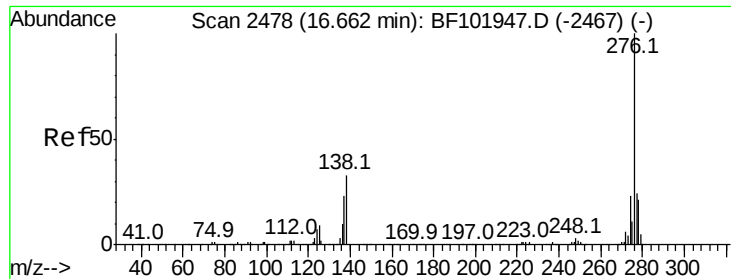
Tot Ion:149 Resp: 849316
 Ion Ratio Lower Upper
 149 100
 167 25.4 21.3 31.9
 279 3.2 3.0 4.4



#84
 Di-n-octyl phthalate
 Concen: 44.183 ng
 RT: 14.48 min Scan# 2107
 Delta R.T. 0.00 min
 Lab File: BF102043.D
 Acq: 12 Jan 2018 15:24

Tgt Ion:149 Resp: 1585976
 Ion Ratio Lower Upper
 149 100
 167 1.4 1.2 1.8
 43 11.3 8.4 12.6

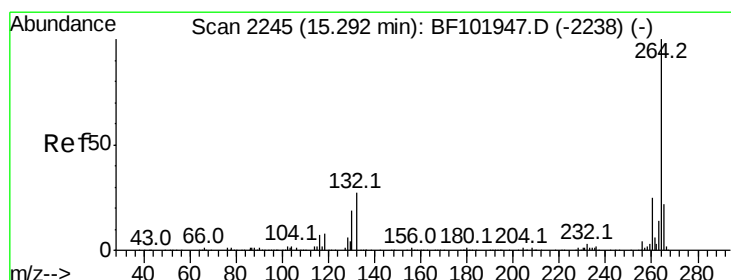
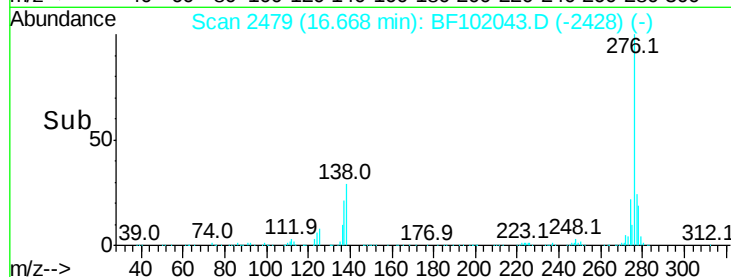
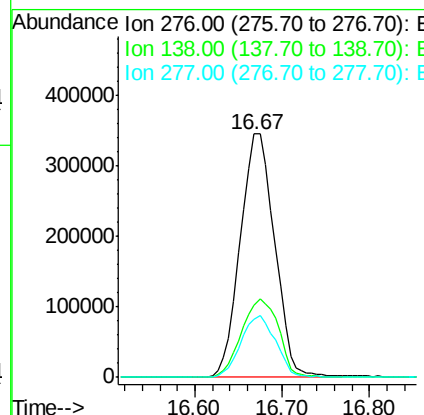
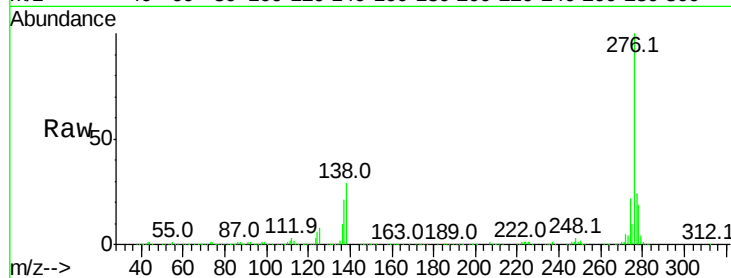




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 40.973 ng
 RT: 16.67 min Scan# 2479
 Delta R.T. 0.00 min
 Lab File: BF102043.D
 Acq: 12 Jan 2018 15:24

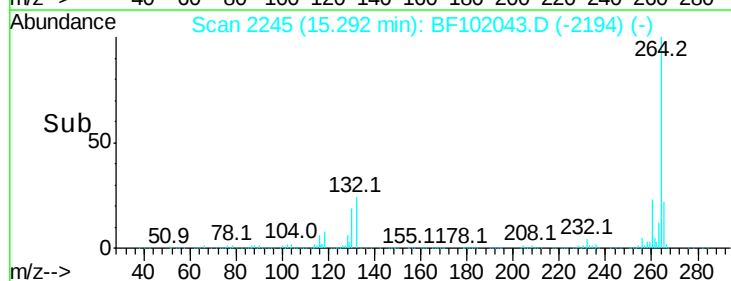
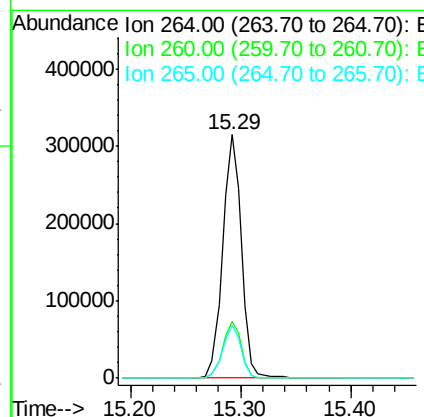
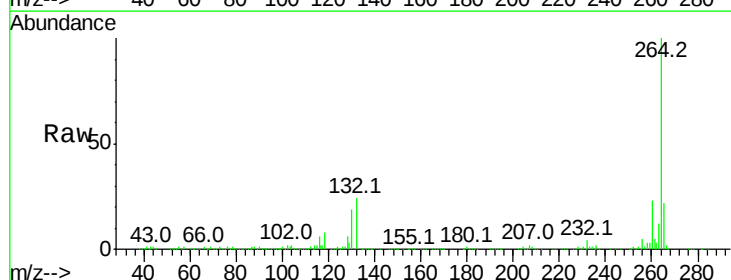
Instrument :
 BNA_F
 ClientSampleId :

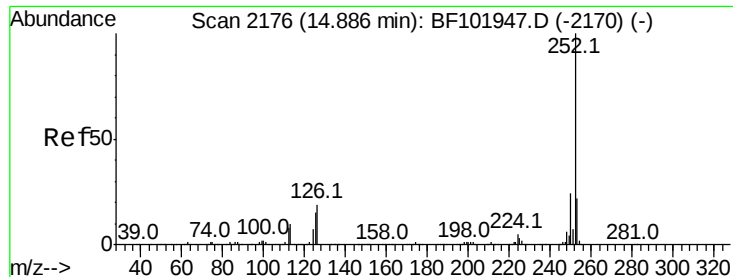
Tot Ion	Ratio	Lower	Upper
276	100		
138	34.9	25.0	37.6
277	25.7	20.1	30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.29 min Scan# 2245
 Delta R.T. 0.00 min
 Lab File: BF102043.D
 Acq: 12 Jan 2018 15:24

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.8	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 41.397 ng

RT: 14.89 min Scan# 2177

Delta R.T. 0.01 min

Lab File: BF102043.D

Acq: 12 Jan 2018 15:24

Instrument :

BNA_F

ClientSampleId :

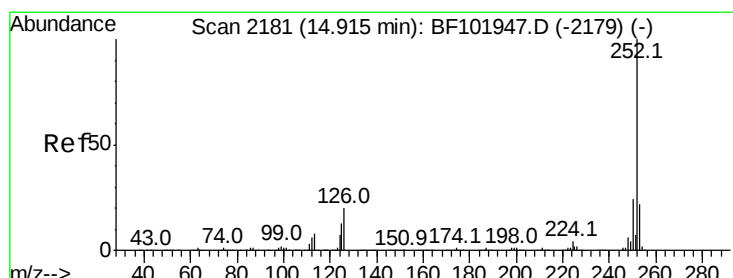
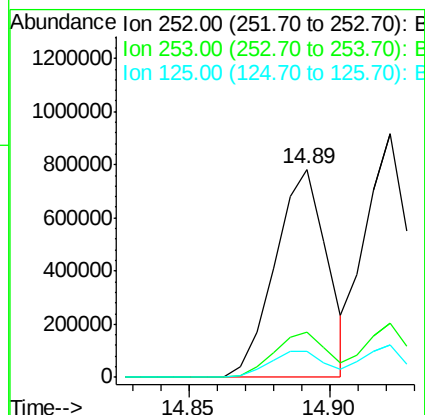
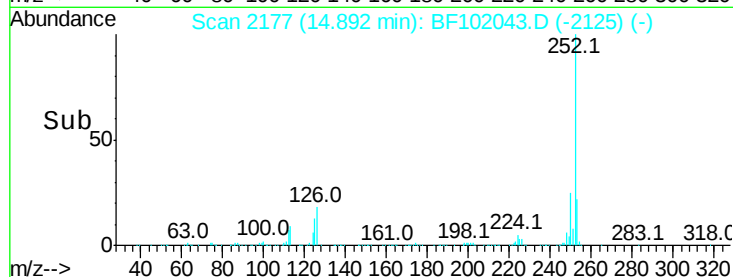
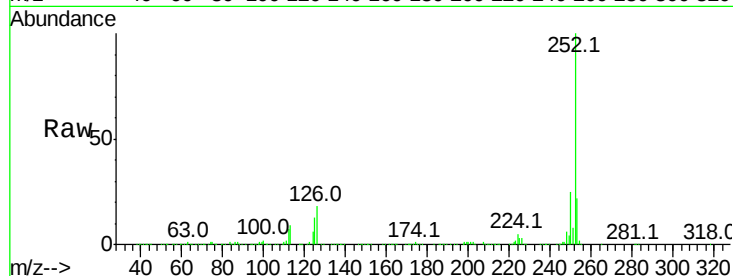
Tot Ion:252 Resp: 998216

Ion Ratio Lower Upper

252 100

253 22.1 17.0 25.6

125 12.8 9.0 13.6



#88

Benzo(k)fluoranthene

Concen: 41.283 ng

RT: 14.92 min Scan# 2182

Delta R.T. 0.01 min

Lab File: BF102043.D

Acq: 12 Jan 2018 15:24

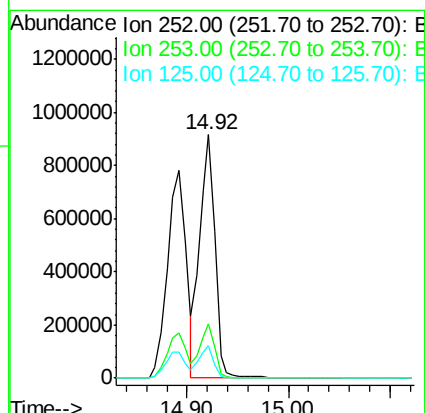
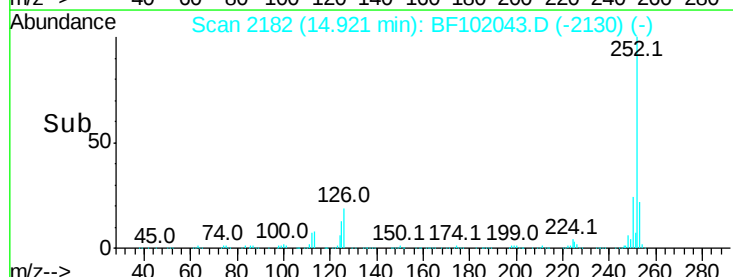
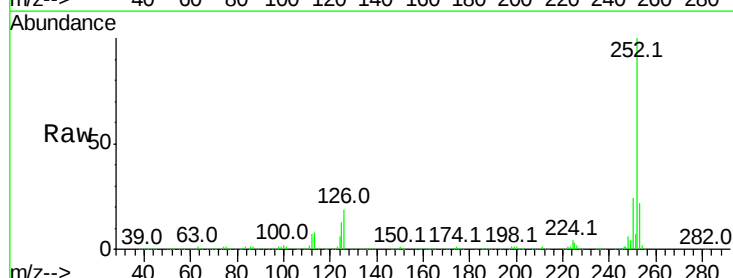
Tgt Ion:252 Resp: 960301

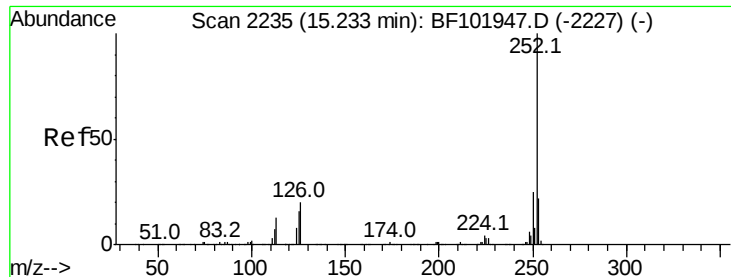
Ion Ratio Lower Upper

252 100

253 22.1 17.9 26.9

125 13.1 10.2 15.2





#89

Benzo(a)pyrene

Concen: 41.950 ng

RT: 15.24 min Scan# 2236

Delta R.T. 0.01 min

Lab File: BF102043.D

Acq: 12 Jan 2018 15:24

Instrument :

BNA_F

ClientSampled :

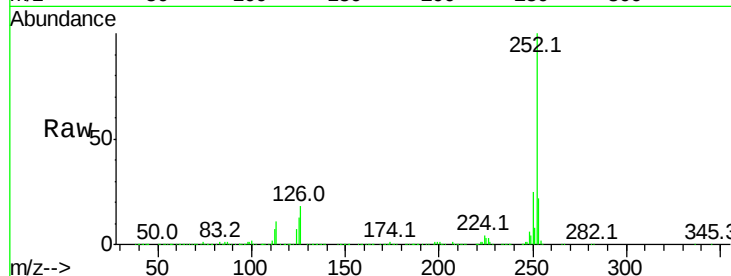
Tot Ion:252 Resp: 910255

Ion Ratio Lower Upper

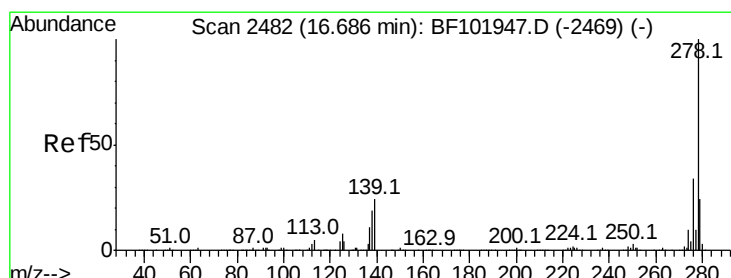
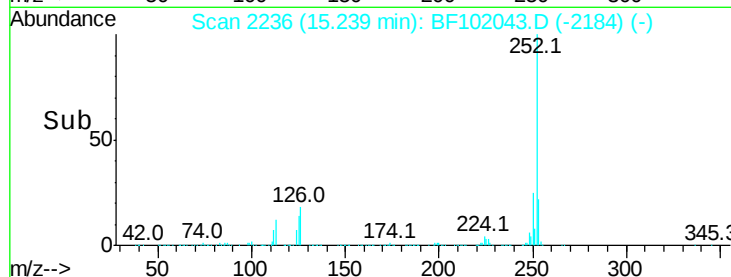
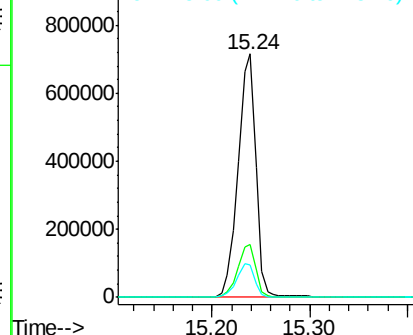
252 100

253 21.8 17.1 25.7

125 13.5 9.8 14.6



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



#90

Dibenzo(a,h)anthracene

Concen: 43.883 ng

RT: 16.69 min Scan# 2483

Delta R.T. 0.01 min

Lab File: BF102043.D

Acq: 12 Jan 2018 15:24

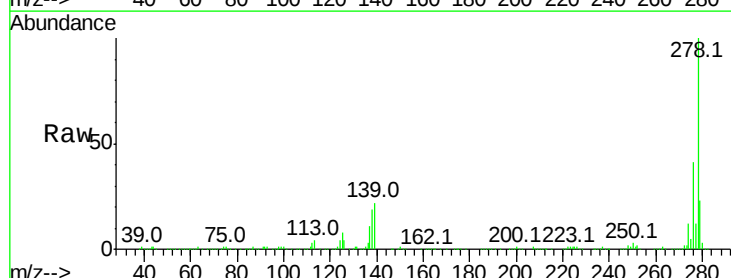
Tgt Ion:278 Resp: 759881

Ion Ratio Lower Upper

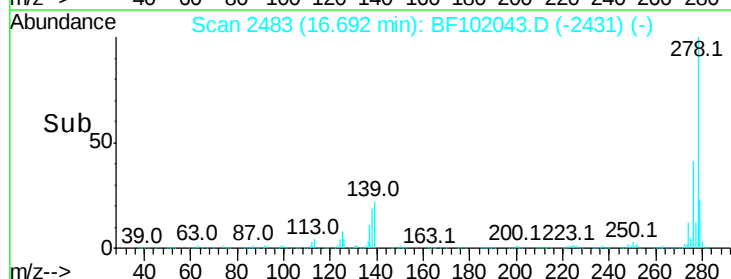
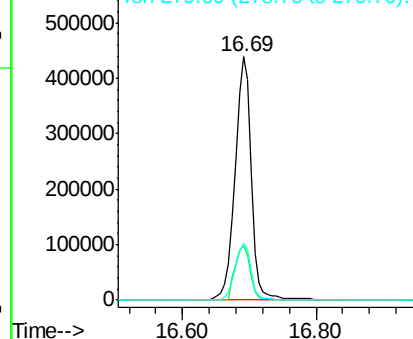
278 100

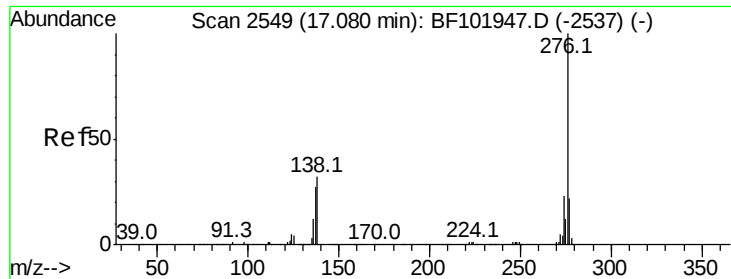
139 22.2 15.9 23.9

279 23.2 19.0 28.4



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





#91
 Benzo(a,h,i)perylene
 Concen: 45.871 ng
 RT: 17.09 min Scan# 2551
 Delta R.T. 0.01 min
 Lab File: BF102043.D
 Acq: 12 Jan 2018 15:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.0	17.9	26.9
138	28.2	21.8	32.8

