

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020818\
 Data File : BF102856.D
 Acq On : 8 Feb 2018 15:18
 Operator : SJ/JU
 Sample : J1469-15
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 08 18:13:32 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 05 12:44:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	205267	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	841214	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	333300	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	463520	20.00	ng	0.00
75) Chrysene-d12	14.05	240	366610	20.00	ng	0.00
86) Perylene-d12	15.54	264	332804	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.50	112	1316556	97.41	ng	0.01
7) Phenol-d6	6.52	99	1574529	96.75	ng	0.01
23) Nitrobenzene-d5	7.45	82	1025050	84.53	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	223835	83.44	ng	0.00
44) 2-Fluorobiphenyl	9.25	172	1257075	62.58	ng	0.00
78) Terphenyl-d14	13.00	244	757990	48.96	ng	0.00

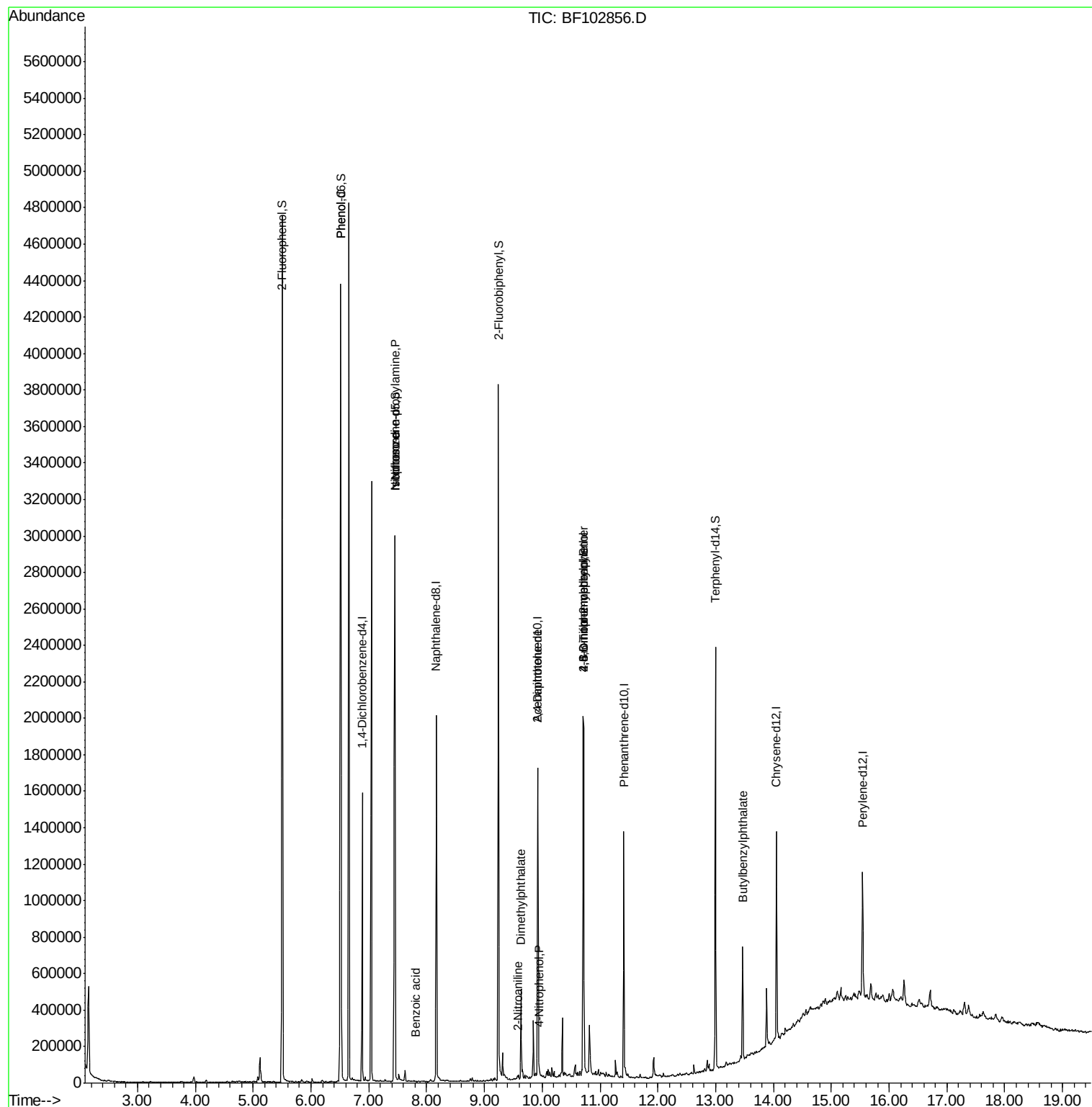
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.52	94	90990	5.217	ng	# 70
19) n-Nitroso-di-n-propylamine	7.45	70	141693	13.205	ng	# 82
25) Isophorone	7.45	82	1025043	36.710	ng	# 64
32) Benzoic acid	7.82	122	125	8.557	ng	# 1
47) 2-Nitroaniline	9.58	65	139	3.491	ng	# 2
49) Dimethylphthalate	9.63	163	163766	6.302	ng	98
55) 4-Nitrophenol	9.96	139	227	4.067	ng	# 44
56) 2,4-Dinitrotoluene	9.92	165	44050	9.293	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.71	198	563	9.062	ng	# 1
66) 4-Bromophenyl-phenylether	10.72	248	15733	3.209	ng	# 1
79) Butylbenzylphthalate	13.47	149	125691	9.970	ng	96

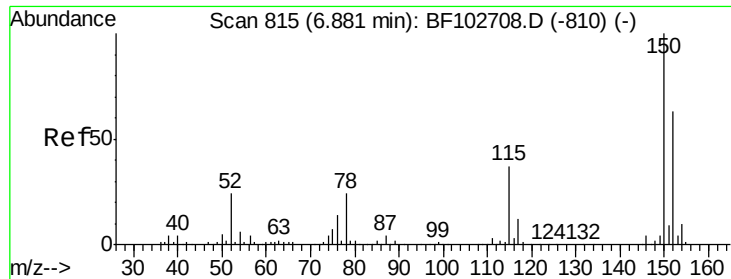
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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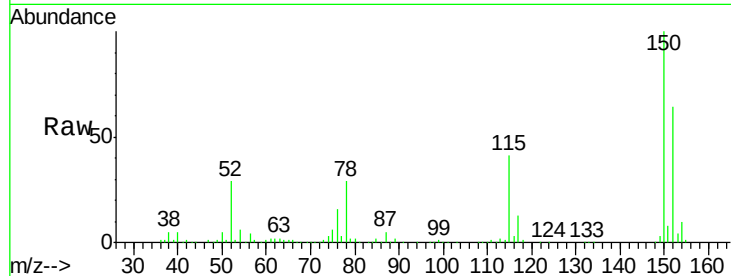


#1

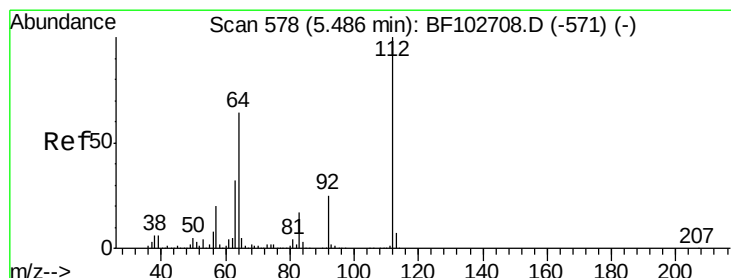
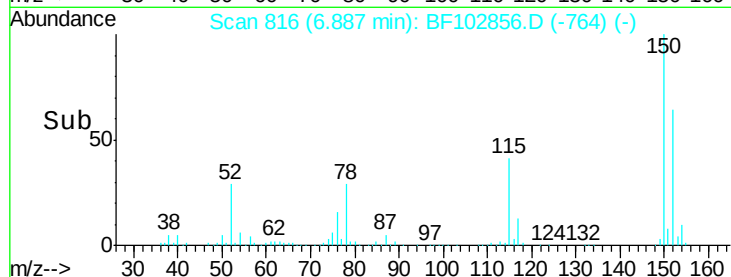
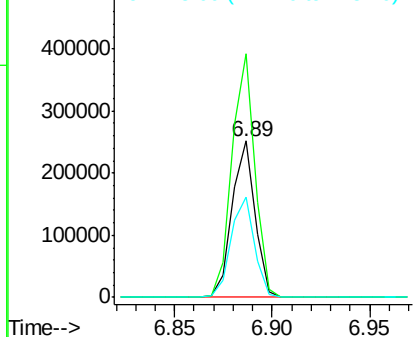
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.01 min
Lab File: BF102856.D
Acq: 8 Feb 2018 15:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 205267
Ion Ratio Lower Upper
152 100
150 155.6 124.6 186.8
115 64.0 50.1 75.1



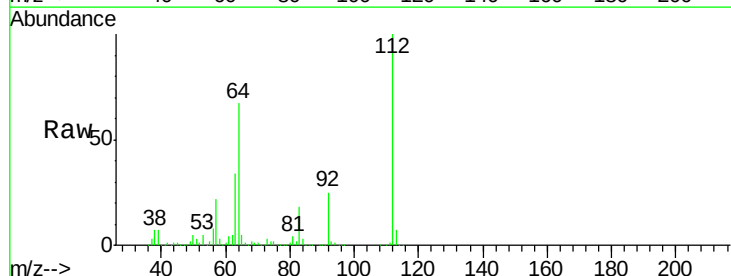
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



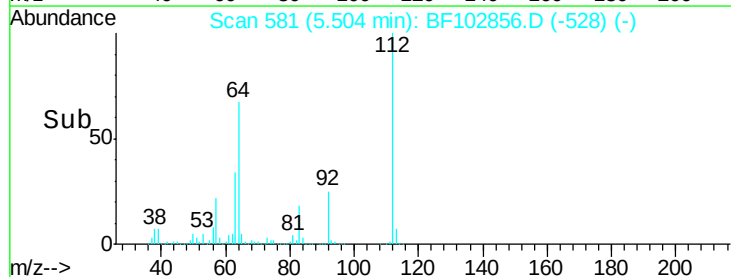
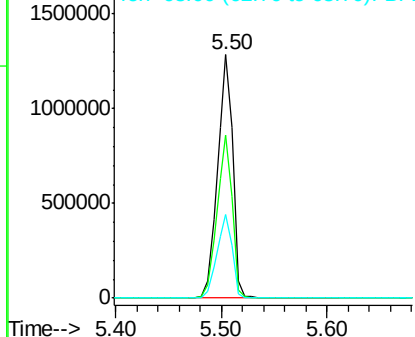
#5

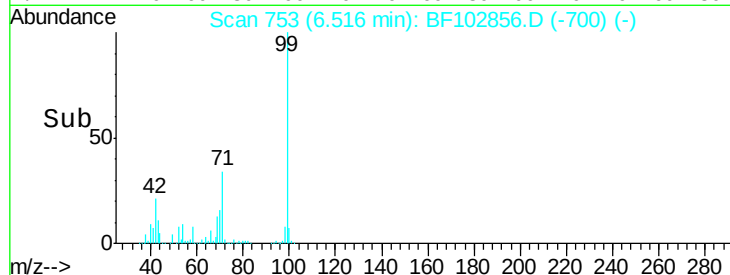
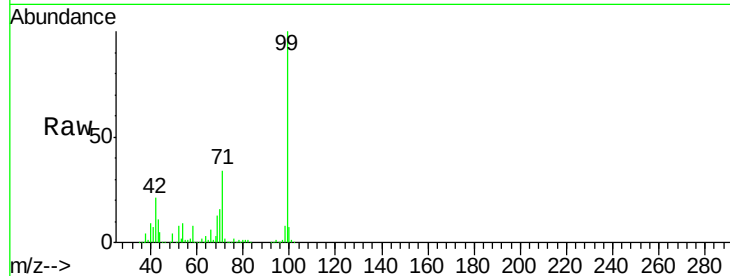
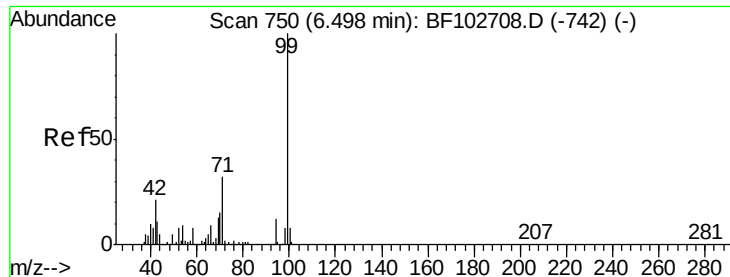
2-Fluorophenol
Concen: 97.405 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF102856.D
Acq: 8 Feb 2018 15:18

Tgt Ion:112 Resp: 1316556
Ion Ratio Lower Upper
112 100
64 66.9 47.9 71.9
63 34.4 23.7 35.5



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





#7

Phenol-d6

Concen: 96.748 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF102856.D

Acq: 8 Feb 2018 15:18

Instrument :

BNA_F

ClientSampleId :

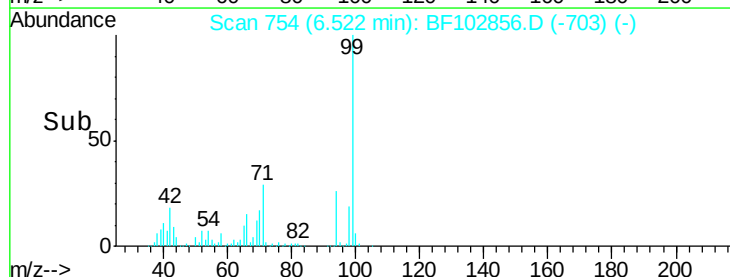
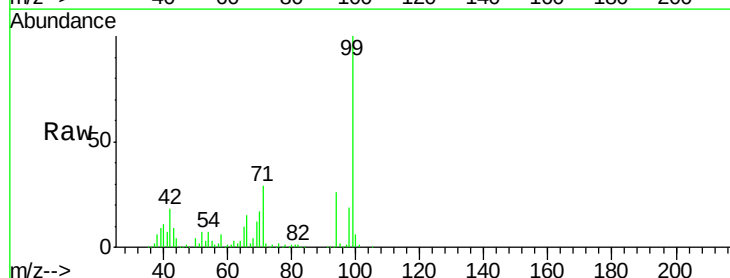
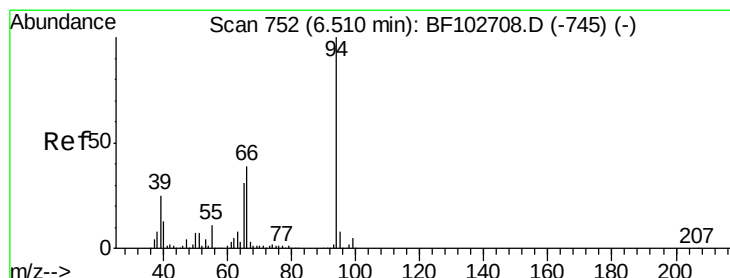
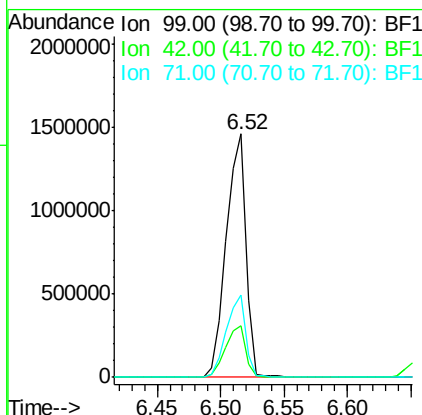
Tot Ion: 99 Resp: 1574529

Ion Ratio Lower Upper

99 100

42 21.4 14.5 21.7

71 33.7 25.4 38.0



#10

Phenol

Concen: 5.217 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF102856.D

Acq: 8 Feb 2018 15:18

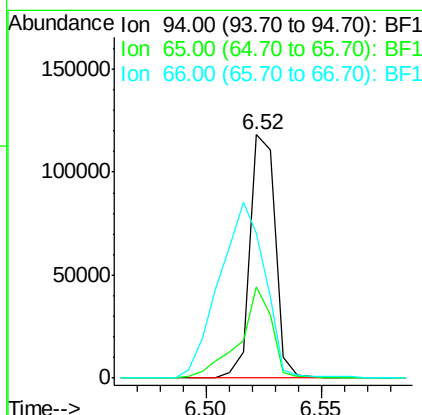
Tgt Ion: 94 Resp: 90990

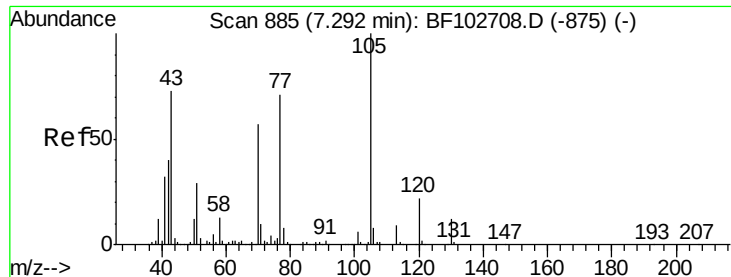
Ion Ratio Lower Upper

94 100

65 37.5 7.9 47.9

66 59.7 16.2 56.2#

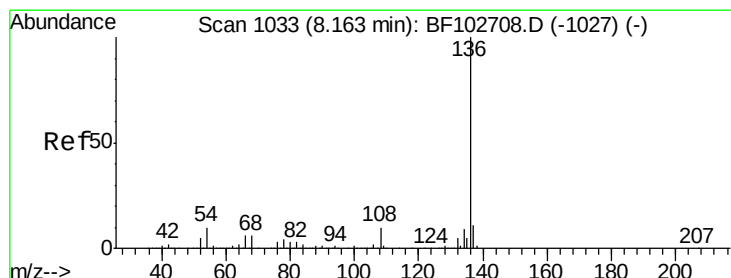
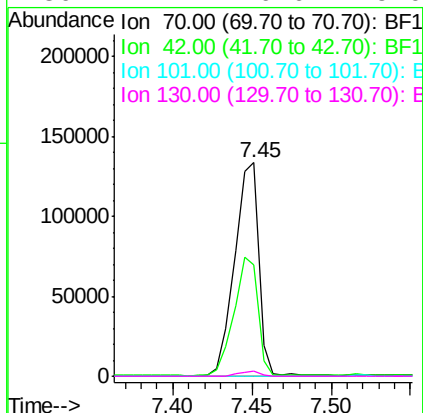
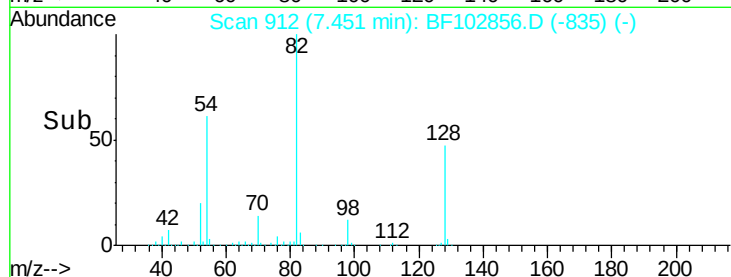
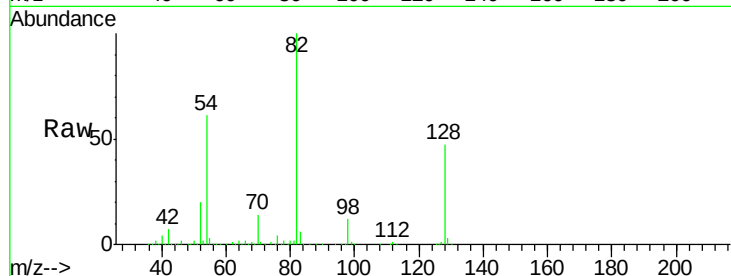




#19
n-Nitroso-di-n-propylamine
Concen: 13.205 ng
RT: 7.45 min Scan# 912
Delta R.T. 0.15 min
Lab File: BF102856.D
Acq: 8 Feb 2018 15:18

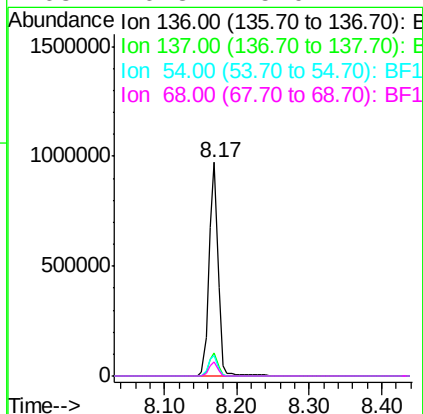
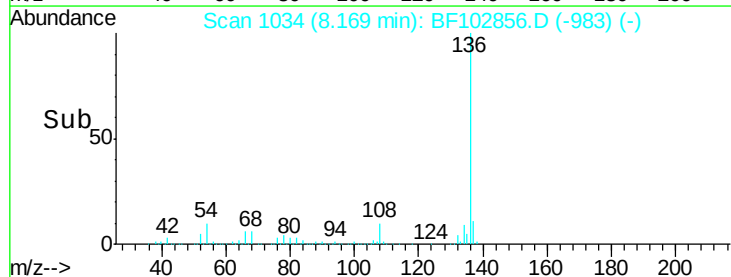
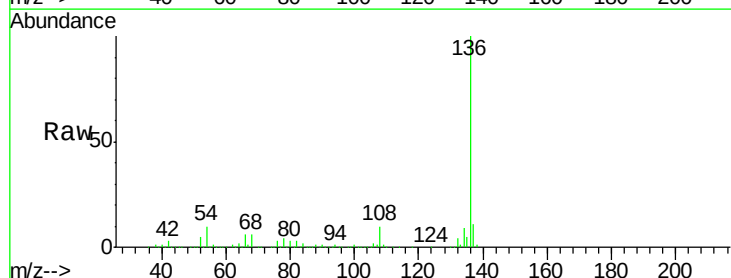
Instrument :
BNA_F
ClientSampleId :

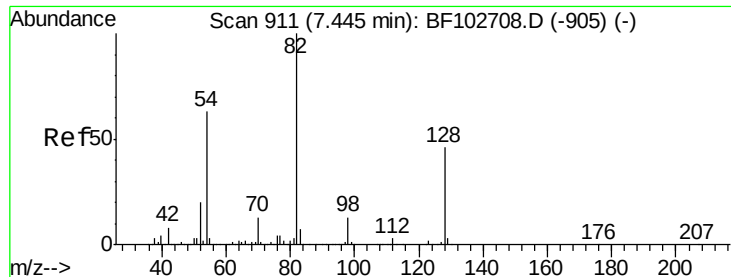
Tot Ion: 70 Resp: 141693
Ion Ratio Lower Upper
70 100
42 52.2 47.5 71.3
101 0.0 7.4 11.2#
130 2.2 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BF102856.D
Acq: 8 Feb 2018 15:18

Tgt Ion:136 Resp: 841214
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 9.5 6.6 9.8
68 6.3 5.0 7.4

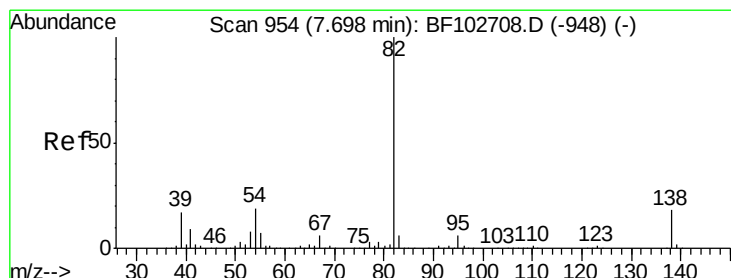
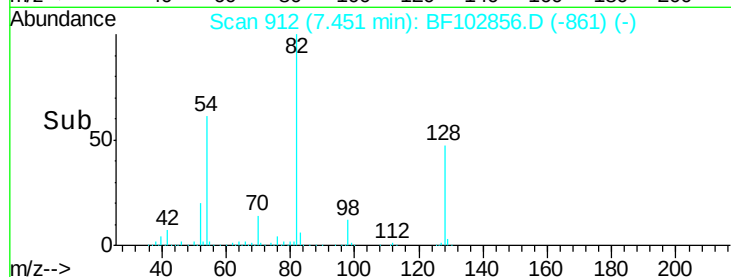
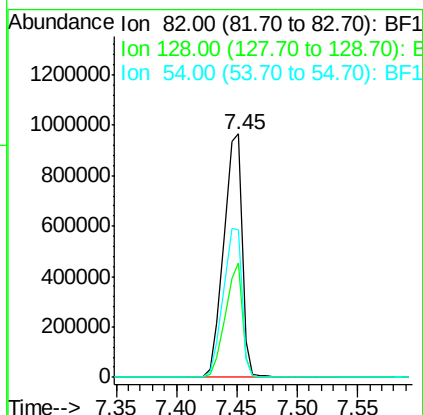
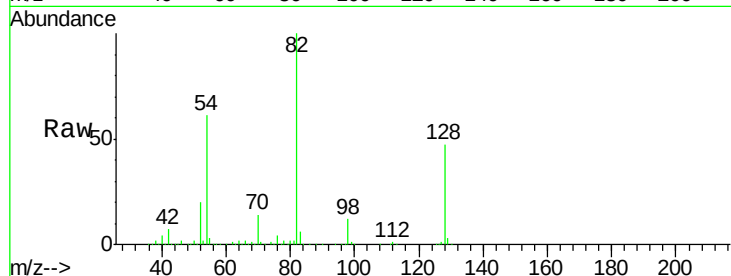




#23
Nitrobenzene-d5
Concen: 84.531 ng
RT: 7.45 min Scan# 912
Delta R.T. 0.00 min
Lab File: BF102856.D
Acq: 8 Feb 2018 15:18

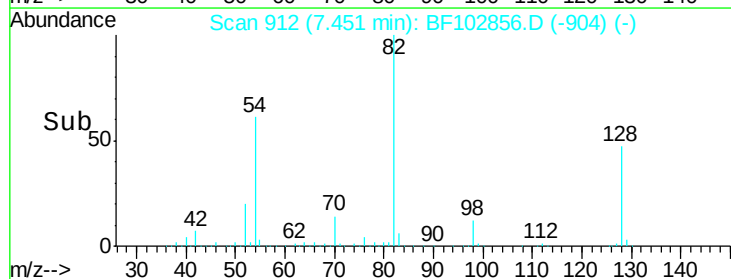
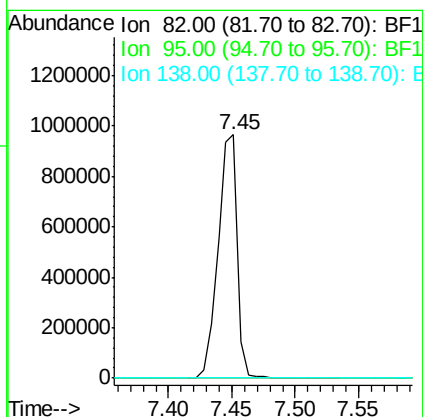
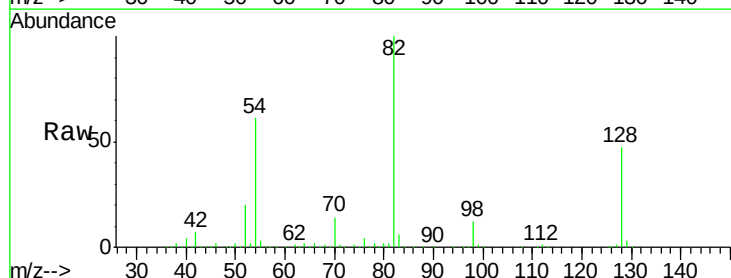
Instrument :
BNA_F
ClientSampleId :

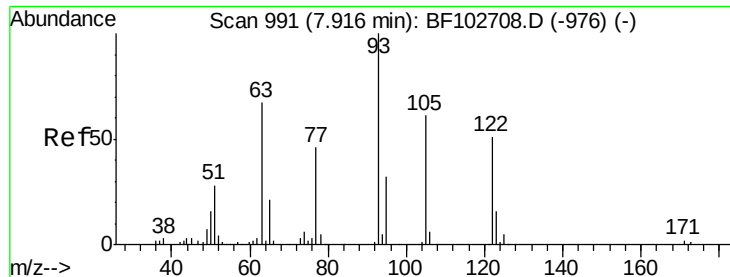
Tot Ion: 82 Resp: 1025050
Ion Ratio Lower Upper
82 100
128 46.7 36.1 54.1
54 60.6 41.4 62.2



#25
Isophorone
Concen: 36.710 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.25 min
Lab File: BF102856.D
Acq: 8 Feb 2018 15:18

Tgt Ion: 82 Resp: 1025043
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#





#32

Benzoic acid

Concen: 8.557 ng

RT: 7.82 min Scan# 974

Delta R.T. -0.12 min

Lab File: BF102856.D

Acq: 8 Feb 2018 15:18

Instrument :

BNA_F

ClientSampled :

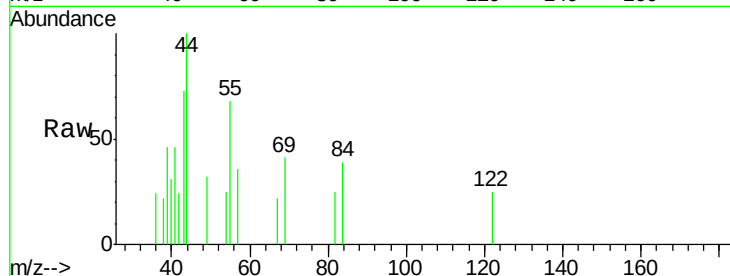
Tot Ion:122 Resp: 125

Ion Ratio Lower Upper

122 100

105 0.0 101.1 141.1#

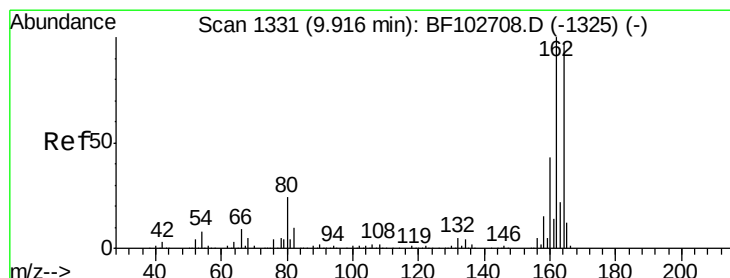
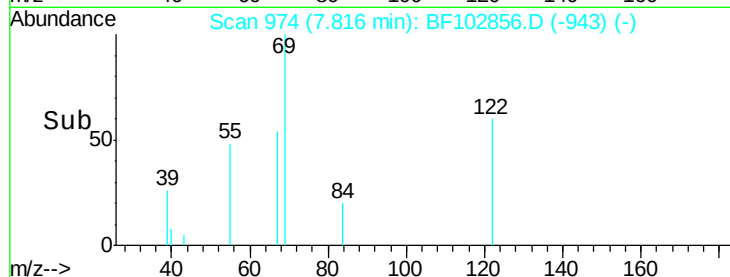
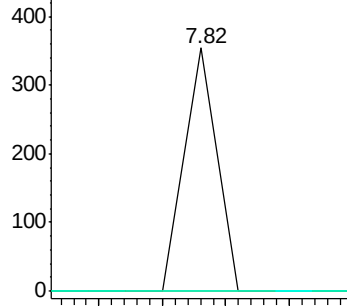
77 0.0 70.7 110.7#



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



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.92 min Scan# 1332

Delta R.T. 0.00 min

Lab File: BF102856.D

Acq: 8 Feb 2018 15:18

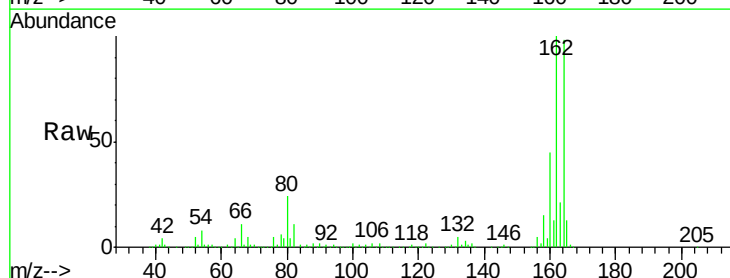
Tgt Ion:164 Resp: 333300

Ion Ratio Lower Upper

164 100

162 101.7 86.1 129.1

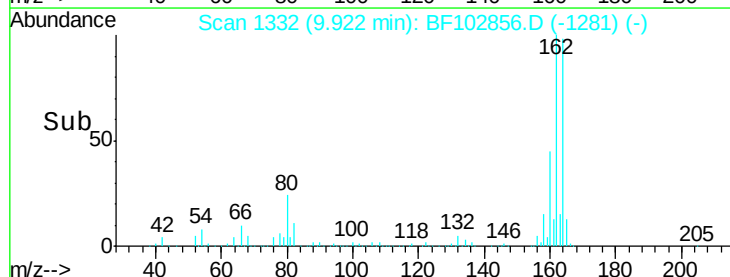
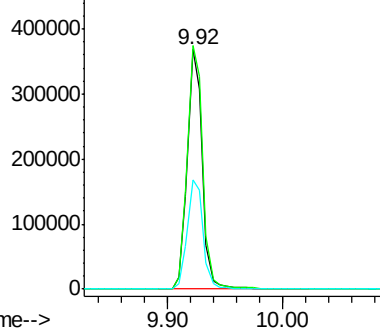
160 45.7 38.3 57.5

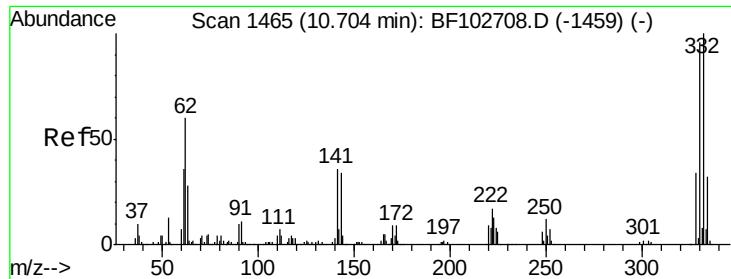


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

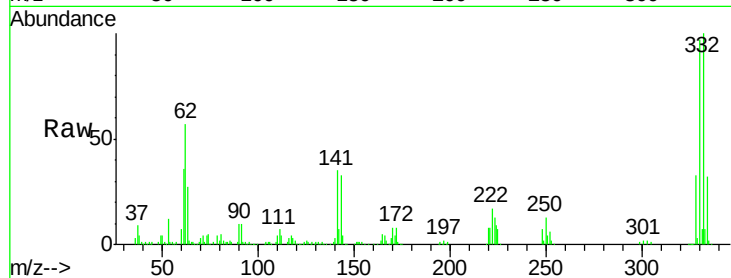




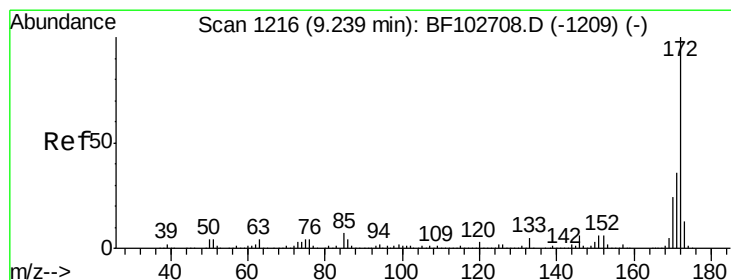
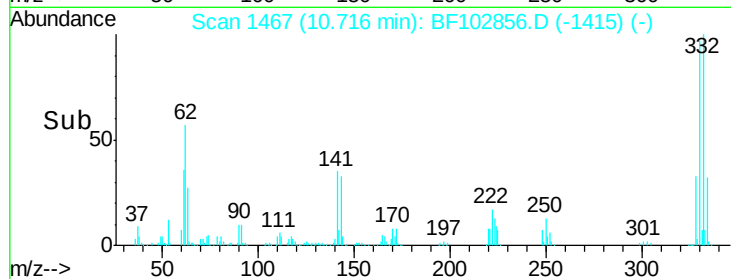
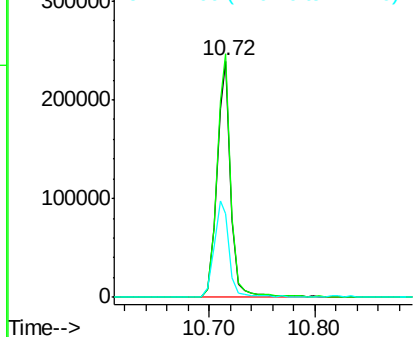
#41
 2,4,6-Tribromophenol
 Concen: 83.437 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. 0.01 min
 Lab File: BF102856.D
 Acq: 8 Feb 2018 15:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	102.6	77.0	115.6
141	45.1	29.9	44.9

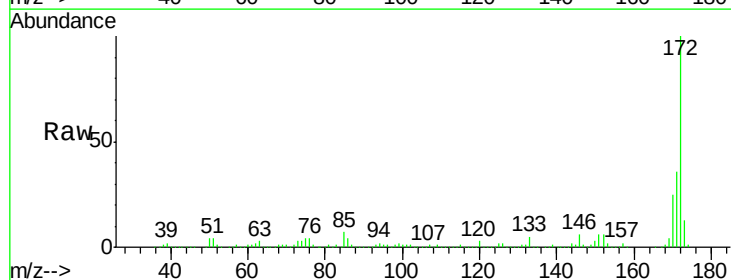


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

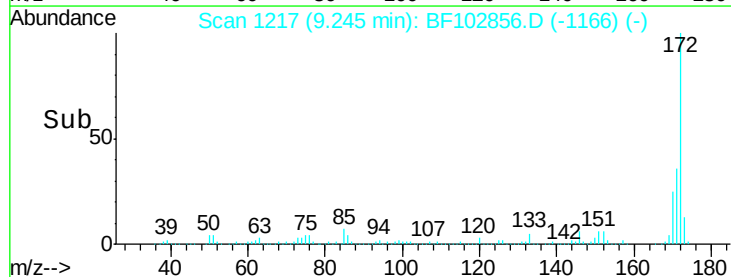
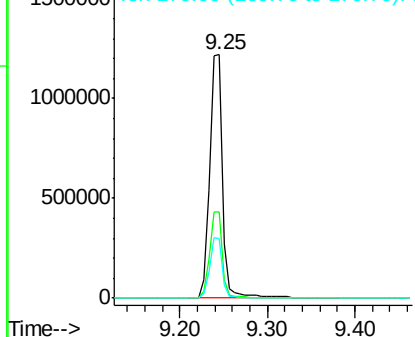


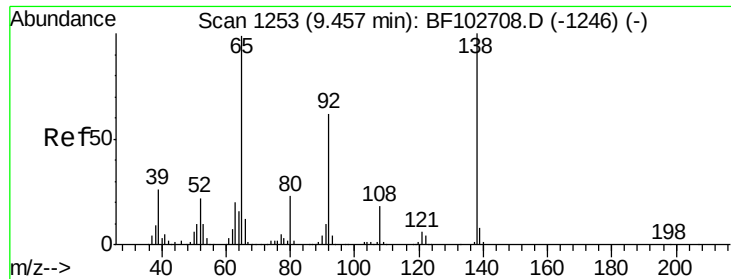
#44
 2-Fluorobiphenyl
 Concen: 62.584 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. 0.00 min
 Lab File: BF102856.D
 Acq: 8 Feb 2018 15:18

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.7	44.5
170	24.6	19.6	29.4



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





#47

2-Nitroaniline

Concen: 3.491 ng

RT: 9.58 min Scan# 1274

Delta R.T. 0.12 min

Lab File: BF102856.D

Acq: 8 Feb 2018 15:18

Instrument :

BNA_F

ClientSampled :

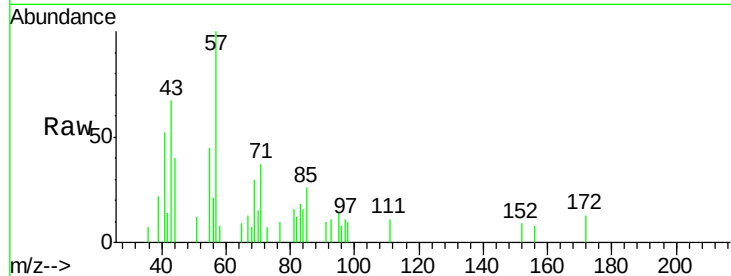
Tot Ion: 65 Resp: 139

Ion Ratio Lower Upper

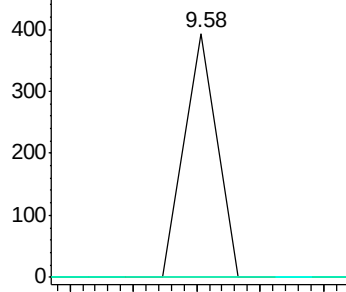
65 100

92 0.0 55.8 83.6#

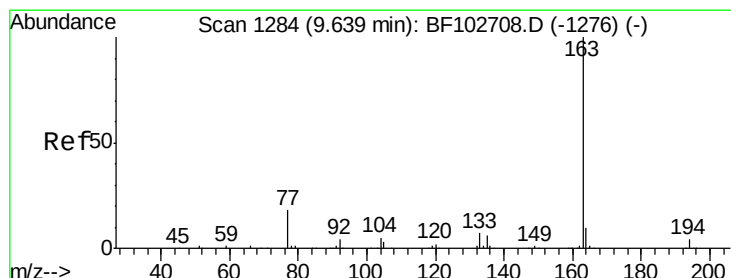
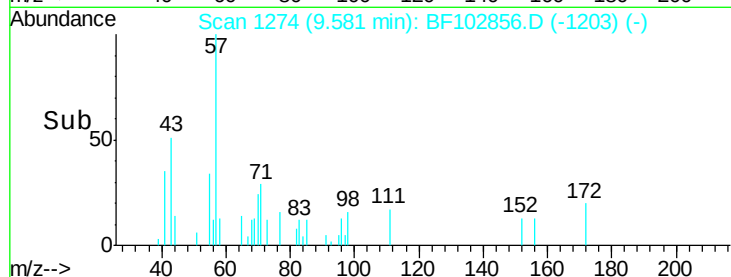
138 0.0 91.2 136.8#



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



Time-->



#49

Dimethylphthalate

Concen: 6.302 ng

RT: 9.63 min Scan# 1283

Delta R.T. -0.01 min

Lab File: BF102856.D

Acq: 8 Feb 2018 15:18

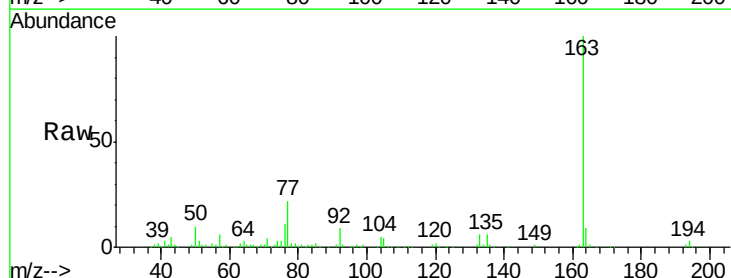
Tgt Ion: 163 Resp: 163766

Ion Ratio Lower Upper

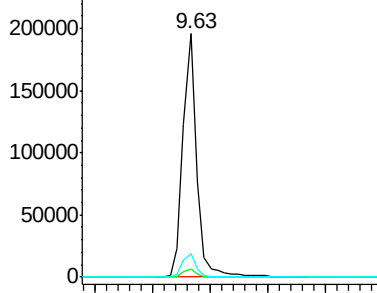
163 100

194 3.1 2.7 4.1

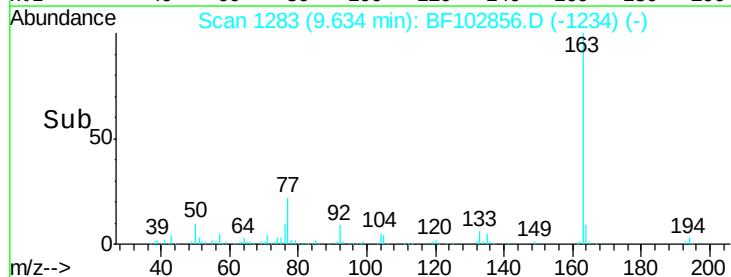
164 9.4 8.2 12.2

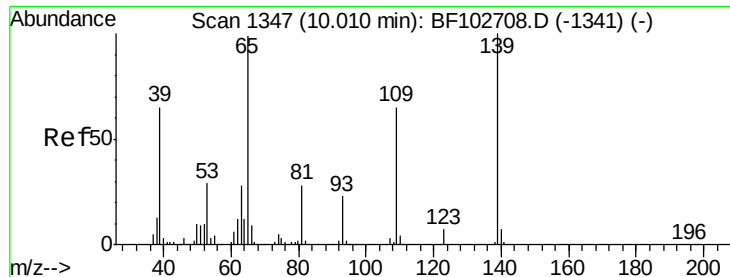


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



Time-->

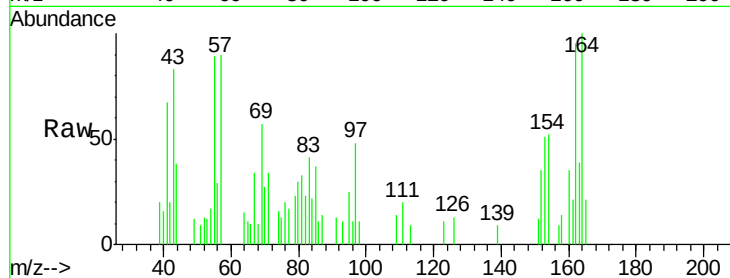




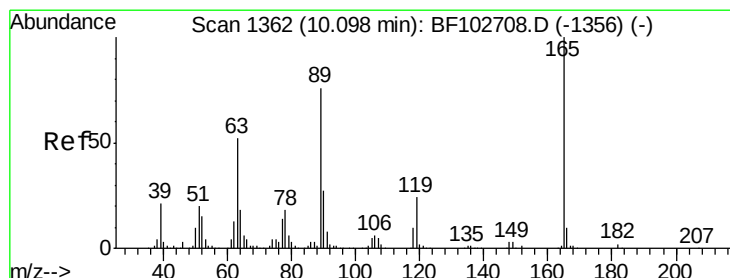
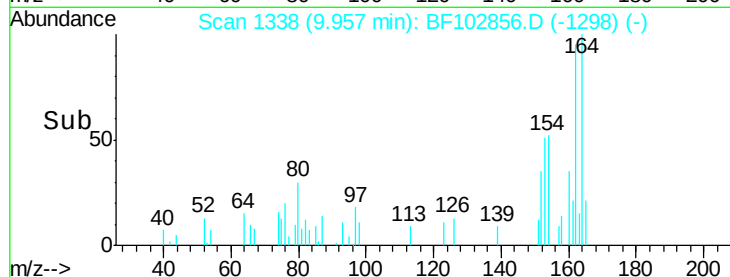
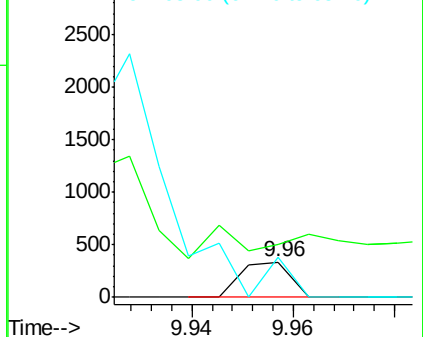
#55
4-Nitrophenol
Concen: 4.067 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.06 min
Lab File: BF102856.D
Acq: 8 Feb 2018 15:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 227
Ion Ratio Lower Upper
139 100
109 151.4 48.4 88.4#
65 113.8 72.6 112.6#

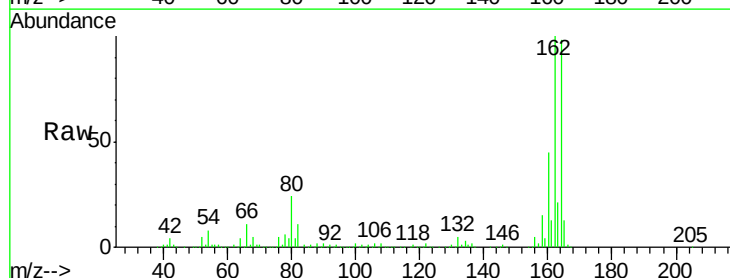


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

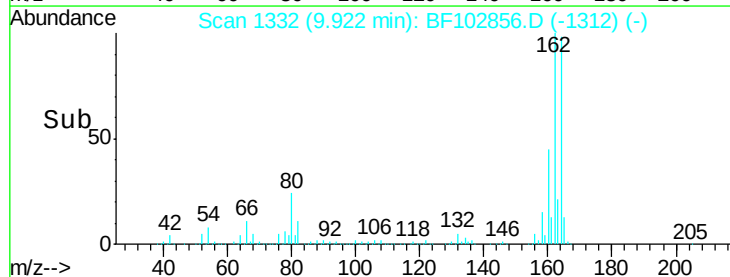
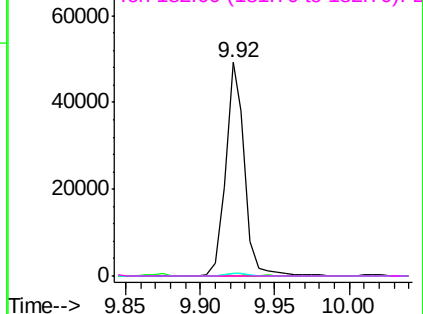


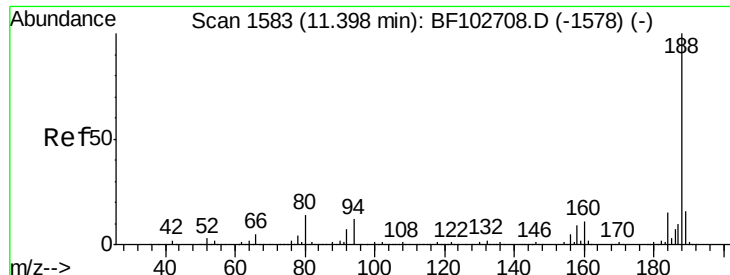
#56
2,4-Dinitrotoluene
Concen: 9.293 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.18 min
Lab File: BF102856.D
Acq: 8 Feb 2018 15:18

Tgt Ion:165 Resp: 44050
Ion Ratio Lower Upper
165 100
63 1.4 36.4 54.6#
89 1.2 57.8 86.6#
182 0.0 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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.41 min Scan# 1585

Delta R.T. 0.00 min

Lab File: BF102856.D

Acq: 8 Feb 2018 15:18

Instrument :

BNA_F

ClientSampleId :

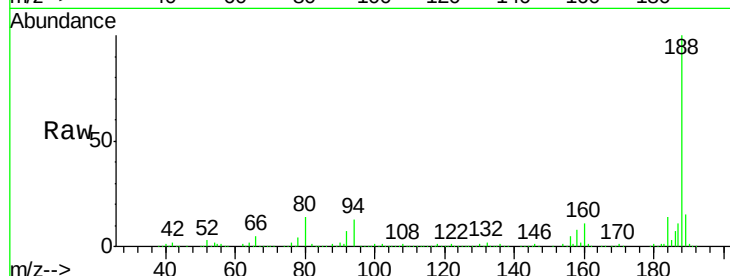
Tot Ion:188 Resp: 463520

Ion Ratio Lower Upper

188 100

94 12.6 8.5 12.7

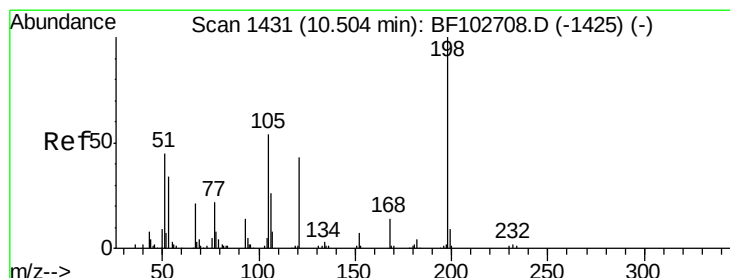
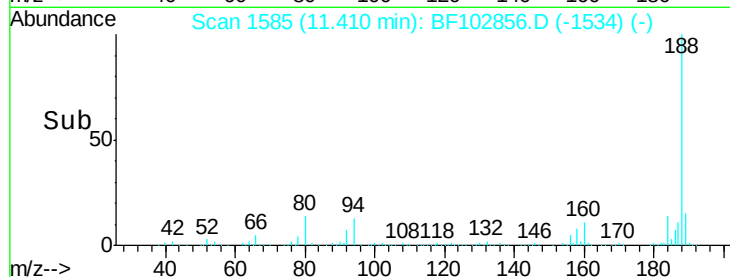
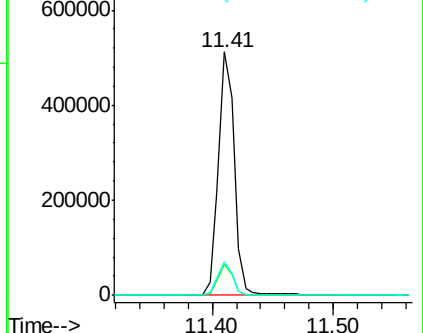
80 13.8 9.2 13.8



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: 9.062 ng

RT: 10.71 min Scan# 1466

Delta R.T. 0.19 min

Lab File: BF102856.D

Acq: 8 Feb 2018 15:18

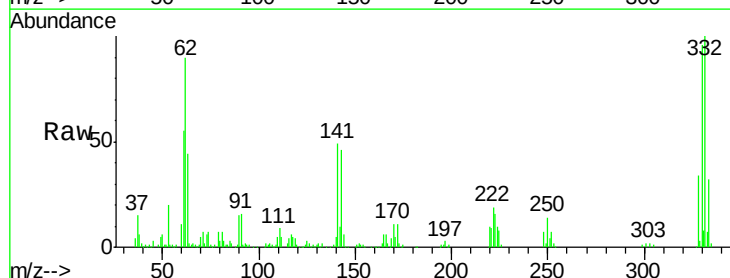
Tgt Ion:198 Resp: 563

Ion Ratio Lower Upper

198 100

51 313.9 37.7 77.7#

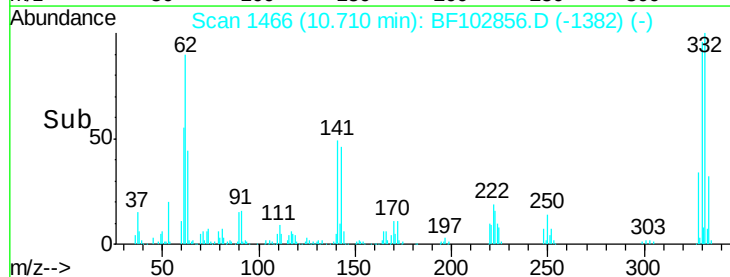
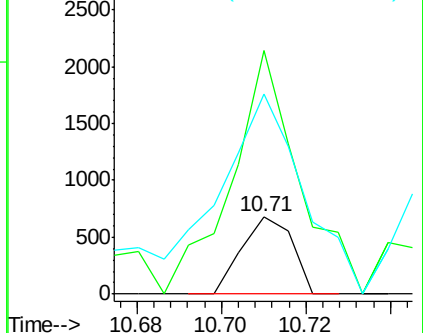
105 257.6 36.3 76.3#

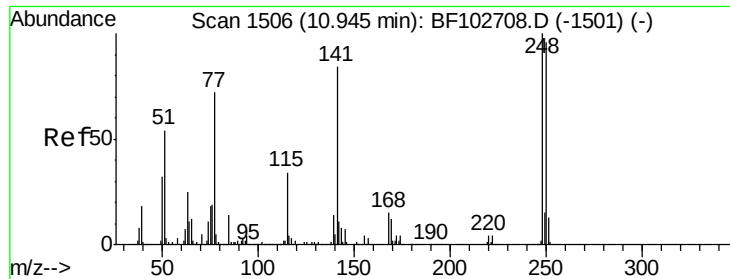


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

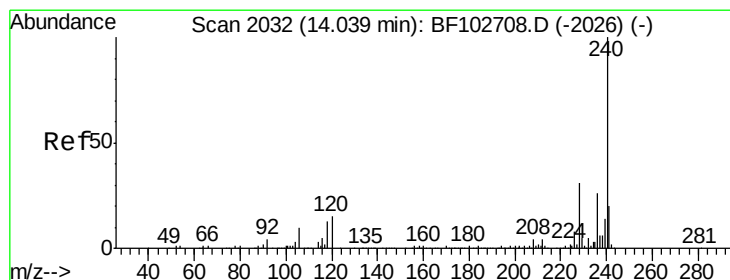
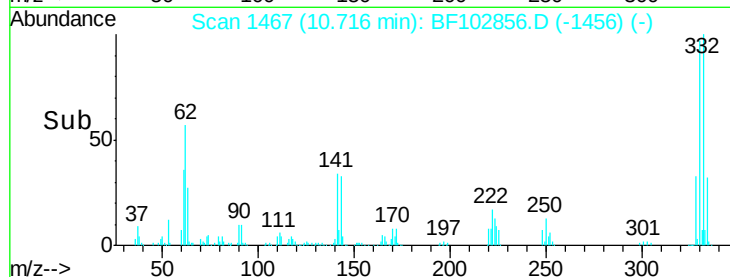
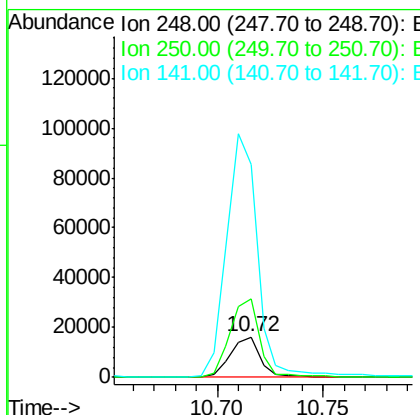
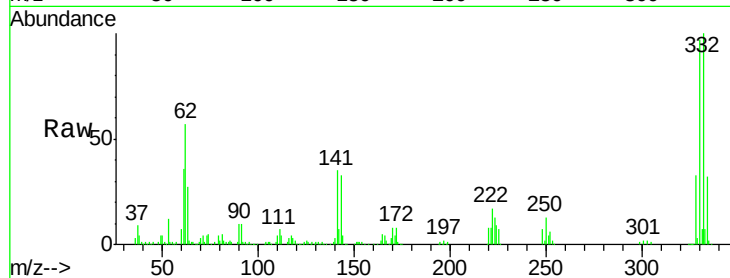




#66
 4-Bromophenyl-phenylether
 Concen: 3.209 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. -0.24 min
 Lab File: BF102856.D
 Acq: 8 Feb 2018 15:18

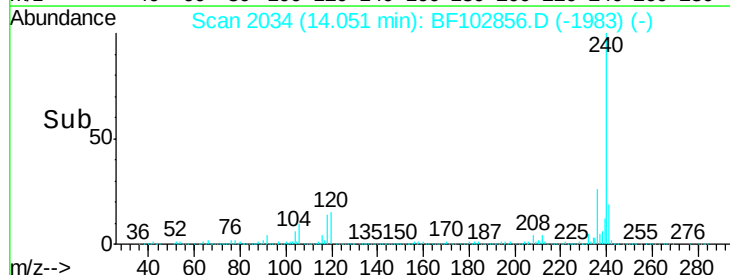
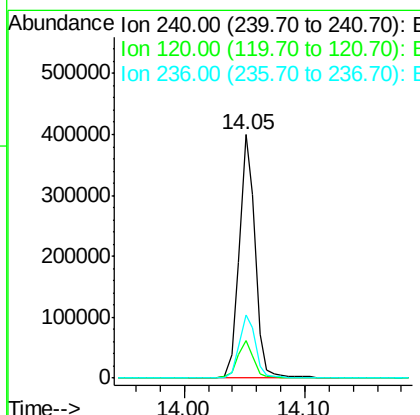
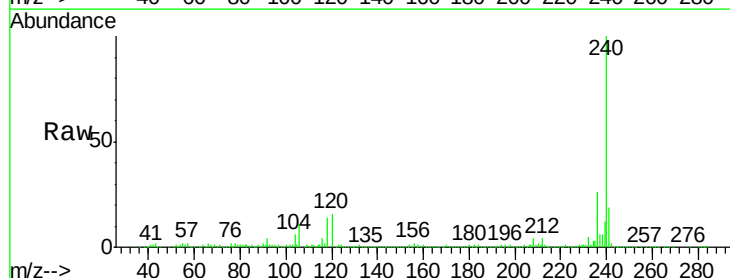
Instrument :
 BNA_F
 ClientSampleId :

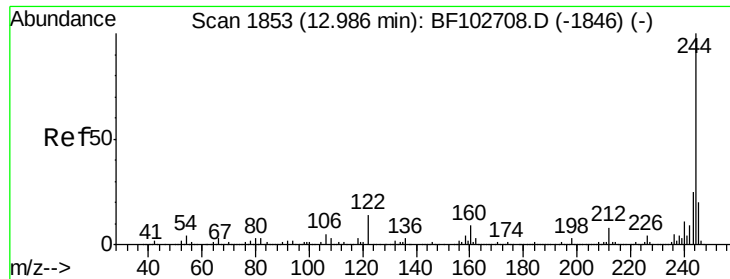
Tot Ion:248 Resp: 15733
 Ion Ratio Lower Upper
 248 100
 250 193.7 76.9 115.3#
 141 523.9 74.4 111.6#



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. 0.00 min
 Lab File: BF102856.D
 Acq: 8 Feb 2018 15:18

Tgt Ion:240 Resp: 366610
 Ion Ratio Lower Upper
 240 100
 120 15.6 9.5 14.3#
 236 26.1 20.7 31.1





#78

Terphenyl-d14

Concen: 48.955 ng

RT: 13.00 min Scan# 1855

Delta R.T. 0.00 min

Lab File: BF102856.D

Acq: 8 Feb 2018 15:18

Instrument :

BNA_F

ClientSampled :

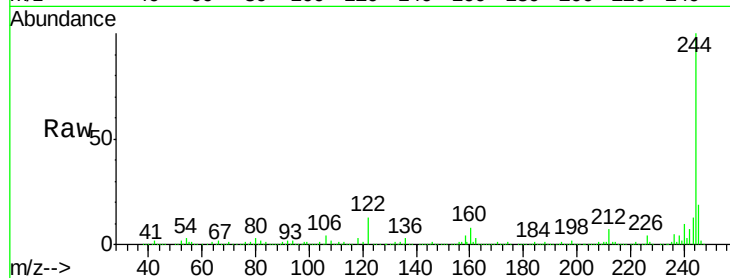
Tot Ion:244 Resp: 757990

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

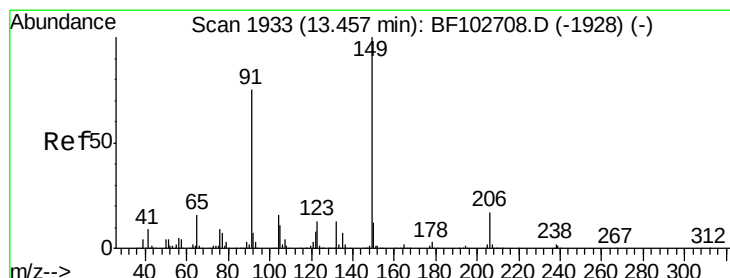
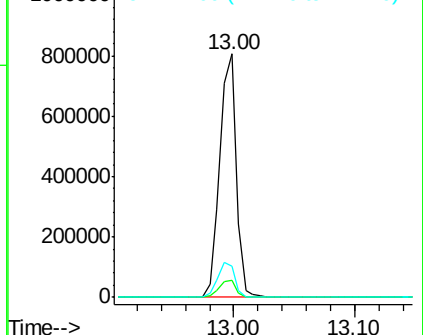
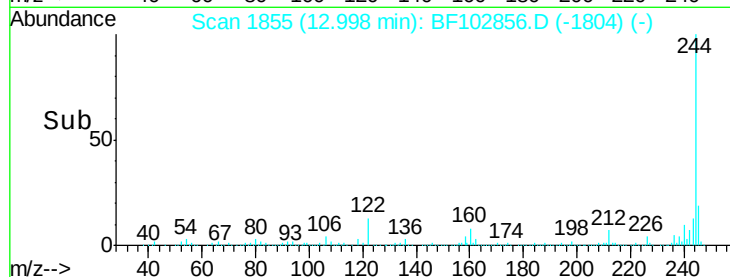
122 12.9 11.0 16.4



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: 9.970 ng

RT: 13.47 min Scan# 1935

Delta R.T. 0.00 min

Lab File: BF102856.D

Acq: 8 Feb 2018 15:18

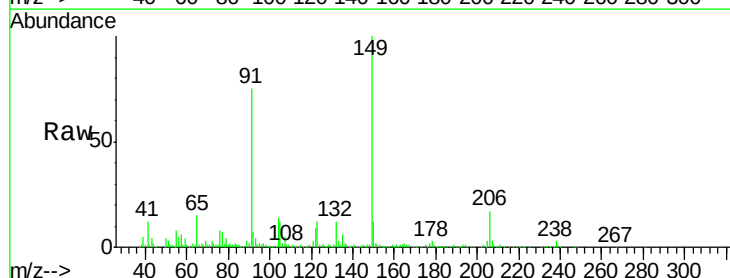
Tgt Ion:149 Resp: 125691

Ion Ratio Lower Upper

149 100

91 74.5 56.8 85.2

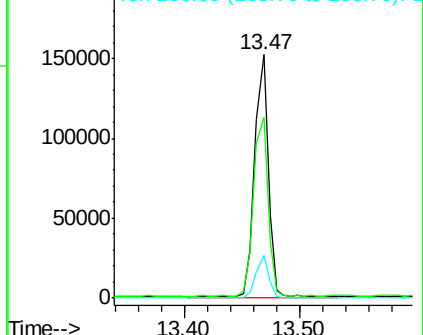
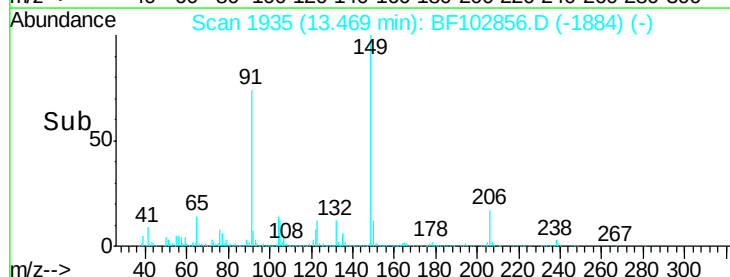
206 17.4 14.1 21.1

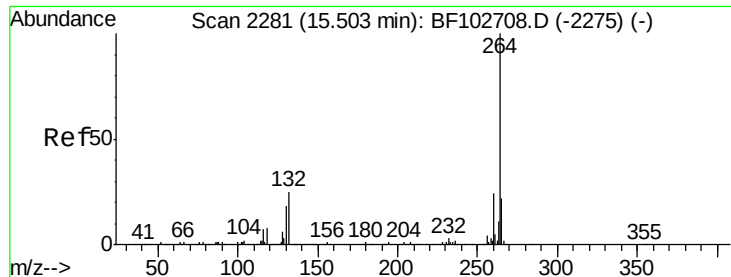


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2287
Delta R.T. 0.01 min
Lab File: BF102856.D
Acq: 8 Feb 2018 15:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	22.0	17.5	26.3

