

Data Path : U:\HPCHEM1\BNA F\DATA\BF011918\
 Data File : BF102239.D
 Acq On : 20 Jan 2018 1:32
 Operator : SJ/JU
 Sample : J1189-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 20 02:14:43 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 19 13:31:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	148654	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	611287	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	269747	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	428897	20.00	ng	0.00
75) Chrysene-d12	13.87	240	275177	20.00	ng	0.00
86) Perylene-d12	15.29	264	284061	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.33	112	981928	93.27	ng	0.00
7) Phenol-d6	6.36	99	1176032	93.63	ng	0.00
23) Nitrobenzene-d5	7.29	82	730651	70.24	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	243034	103.24	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1153132	66.78	ng	0.00
78) Terphenyl-d14	12.82	244	837668	63.20	ng	0.00

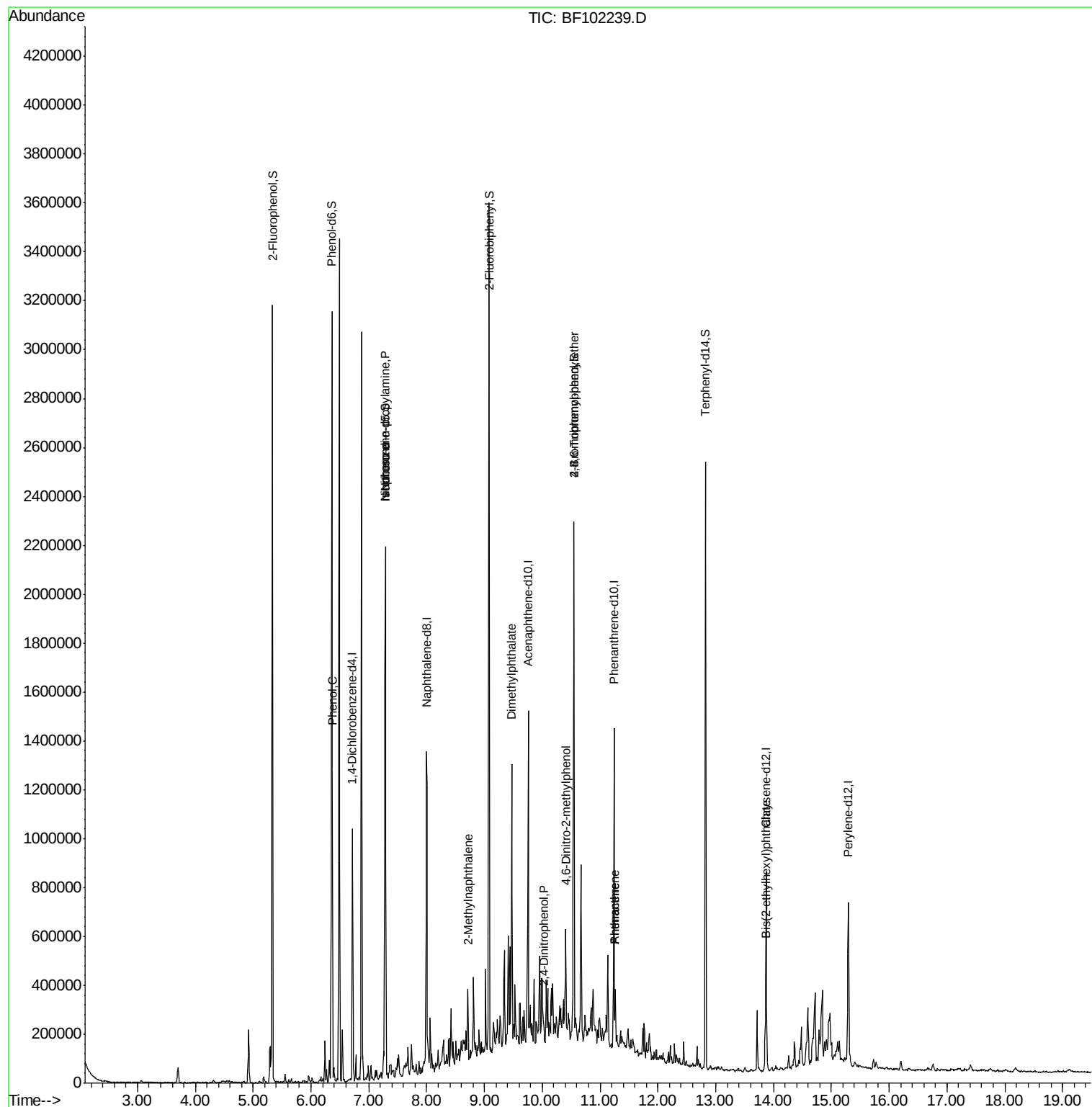
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.37	94	43343	3.054	ng	94
19) n-Nitroso-di-n-propylamine	7.29	70	99226	12.055	ng	# 80
25) Isophorone	7.29	82	729875	35.510	ng	# 64
37) 2-Methylnaphthalene	8.72	142	89642	4.458	ng	97
49) Dimethylphthalate	9.47	163	261942	12.105	ng	98
53) 2,4-Dinitrophenol	10.03	184	1227	9.320	ng	# 6
64) 4,6-Dinitro-2-methylphenol	10.40	198	106	5.702	ng	# 1
66) 4-Bromophenyl-phenylether	10.55	248	15509	3.424	ng	# 1
70) Phenanthrene	11.26	178	84855	3.387	ng	98
71) Anthracene	11.26	178	84855	3.340	ng	99
83) Bis(2-ethylhexyl)phthalate	13.86	149	36879	2.880	ng	96

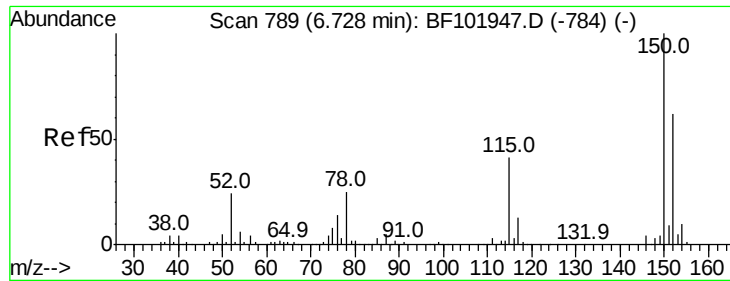
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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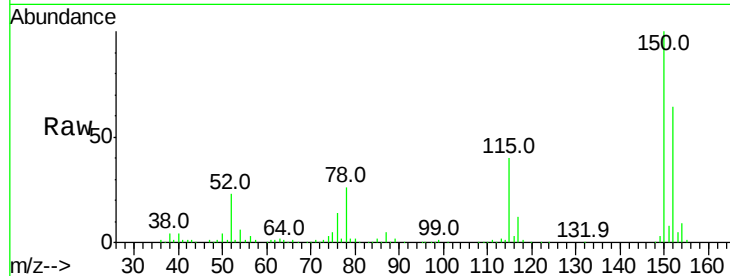


#1

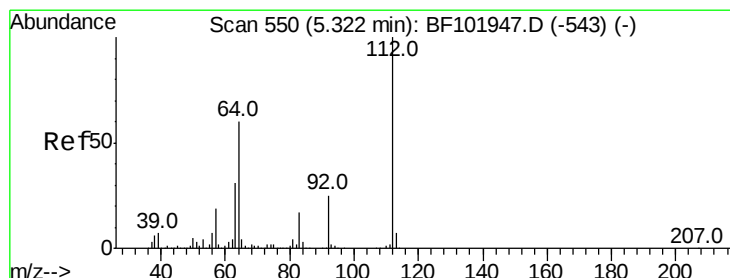
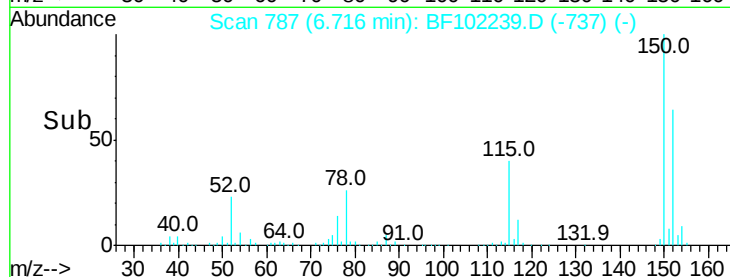
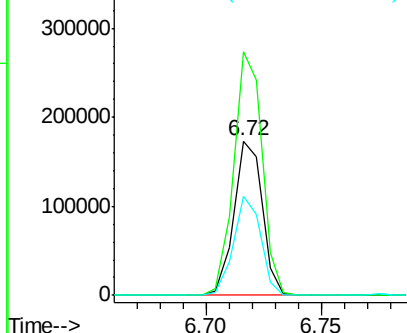
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF102239.D
Acq: 20 Jan 2018 1:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 148654
Ion Ratio Lower Upper
152 100
150 157.5 124.6 186.8
115 63.7 50.1 75.1



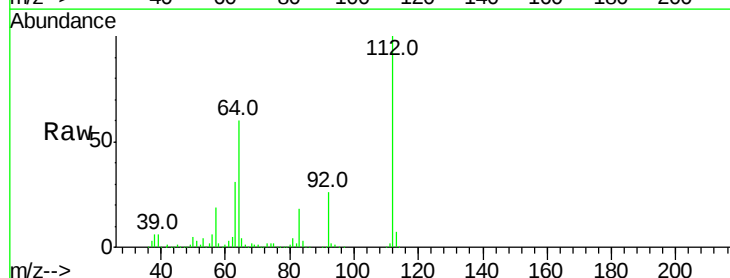
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



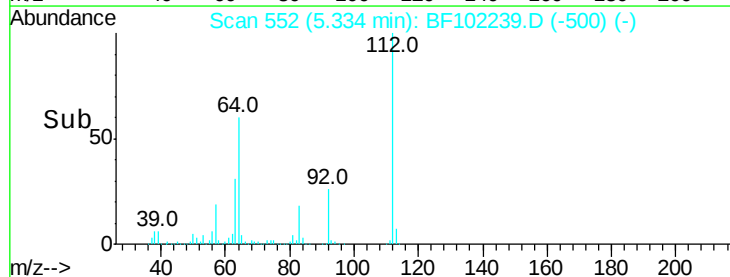
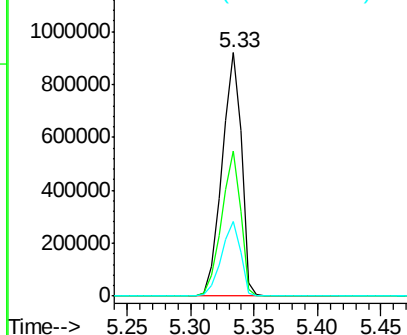
#5

2-Fluorophenol
Concen: 93.275 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF102239.D
Acq: 20 Jan 2018 1:32

Tgt Ion:112 Resp: 981928
Ion Ratio Lower Upper
112 100
64 59.8 47.9 71.9
63 30.8 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: 93.632 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF102239.D

Acq: 20 Jan 2018 1:32

Instrument :

BNA_F

ClientSampled :

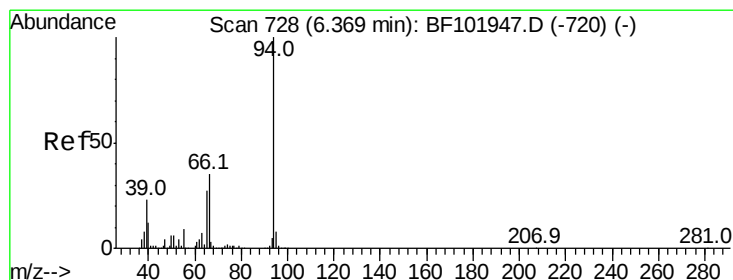
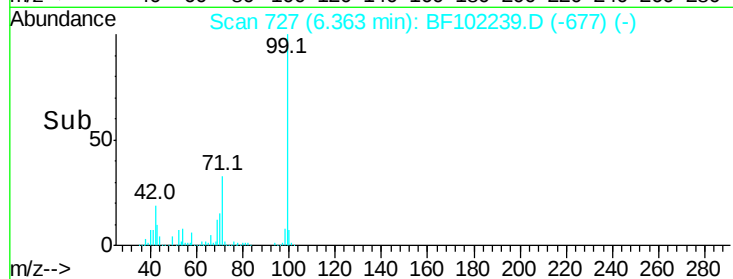
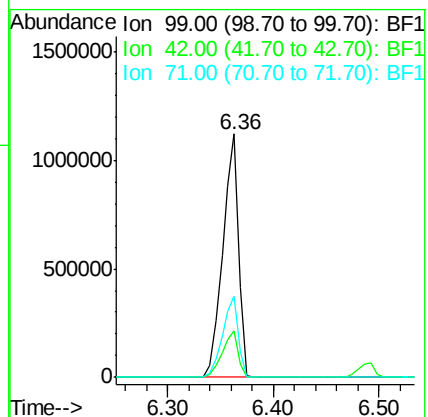
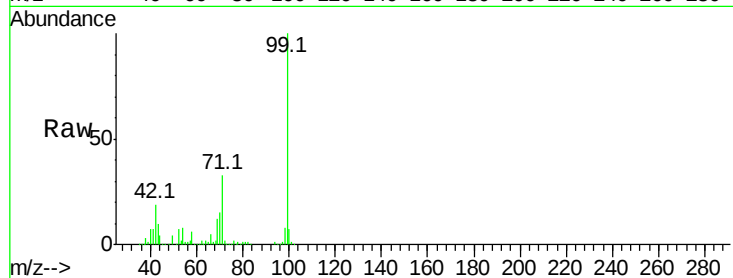
Tot Ion: 99 Resp: 1176032

Ion Ratio Lower Upper

99 100

42 19.2 14.5 21.7

71 33.5 25.4 38.0



#10

Phenol

Concen: 3.054 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF102239.D

Acq: 20 Jan 2018 1:32

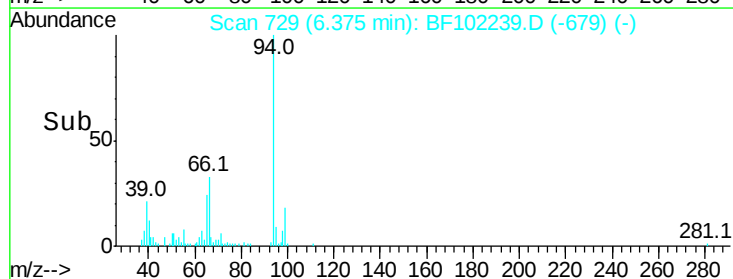
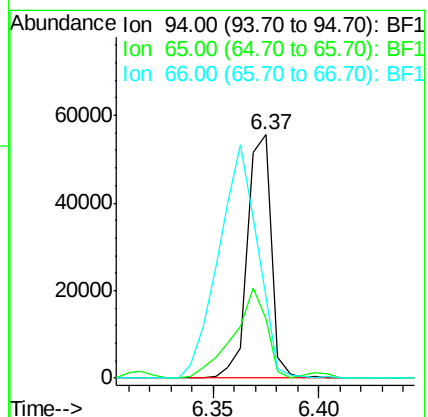
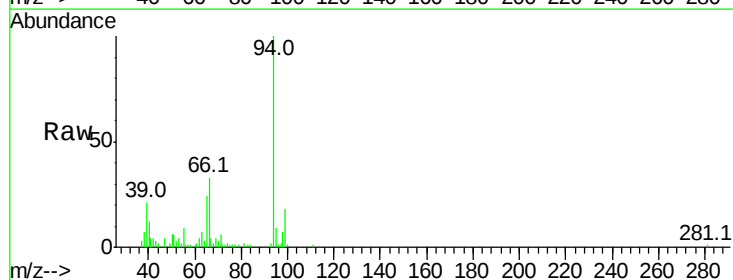
Tgt Ion: 94 Resp: 43343

Ion Ratio Lower Upper

94 100

65 24.2 7.9 47.9

66 33.3 16.2 56.2

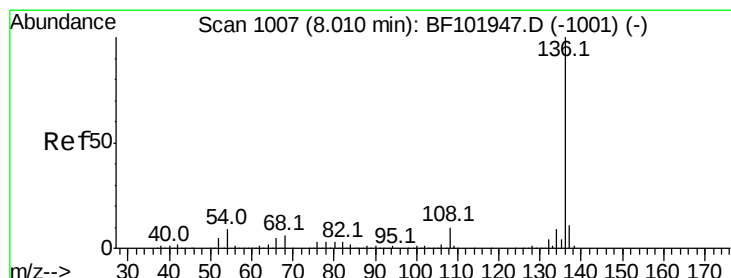
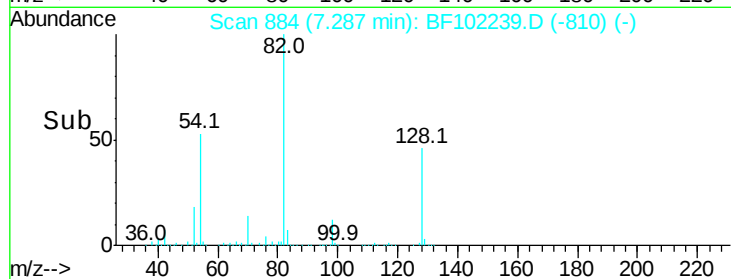
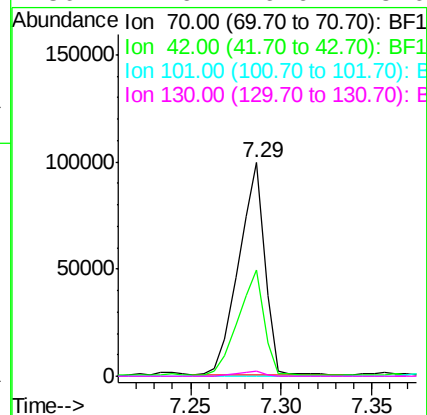
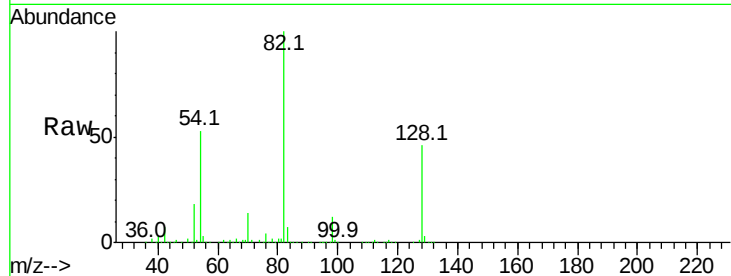




#19
n-Nitroso-di-n-propylamine
Concen: 12.055 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.14 min
Lab File: BF102239.D
Acq: 20 Jan 2018 1:32

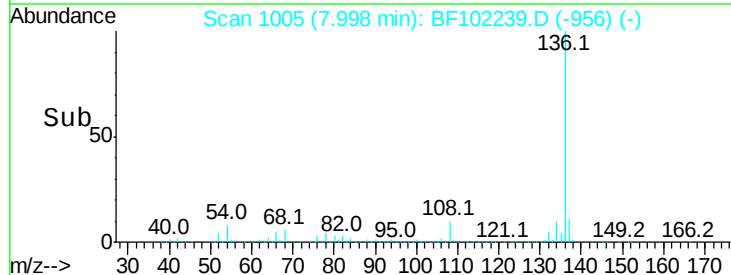
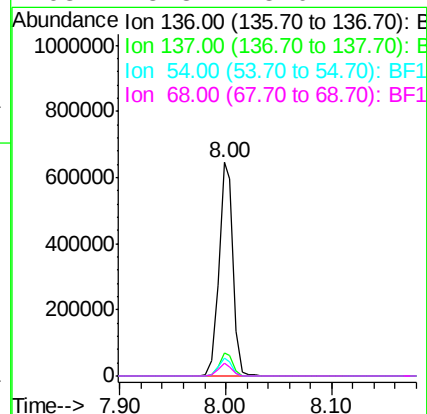
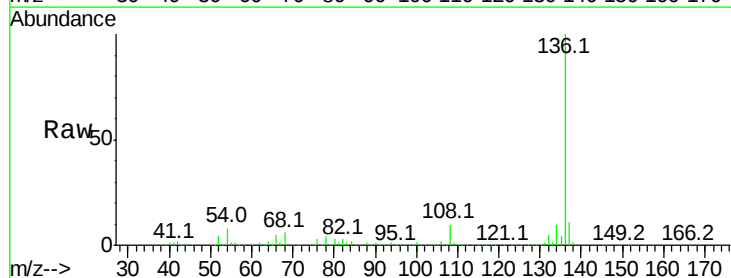
Instrument :
BNA_F
ClientSampleId :

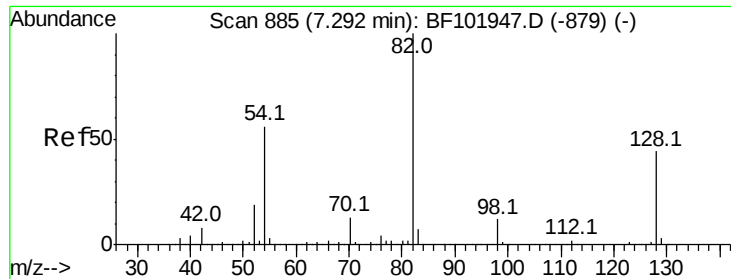
Tot Ion: 70 Resp: 99226
Ion Ratio Lower Upper
70 100
42 49.6 47.5 71.3
101 0.0 7.4 11.2#
130 2.6 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF102239.D
Acq: 20 Jan 2018 1:32

Tgt Ion: 136 Resp: 611287
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 8.1 6.6 9.8
68 5.8 5.0 7.4

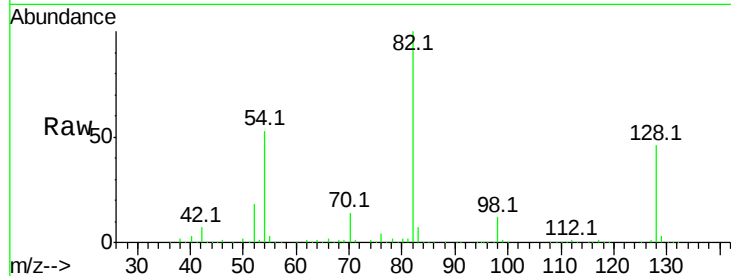




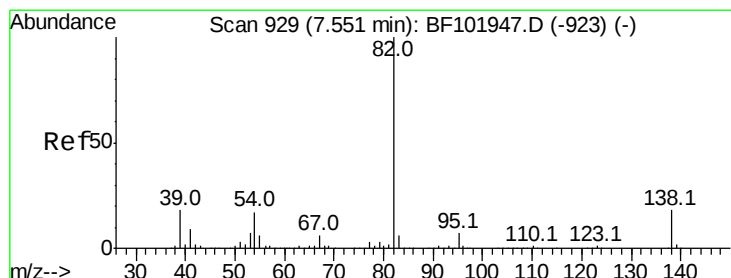
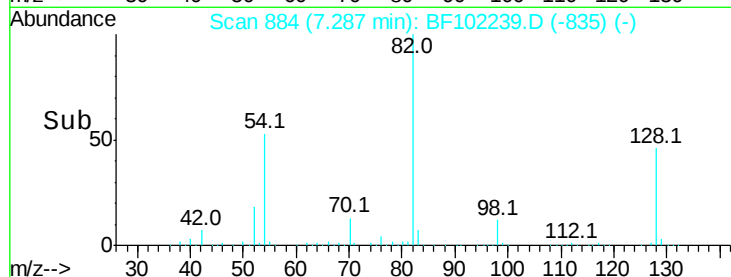
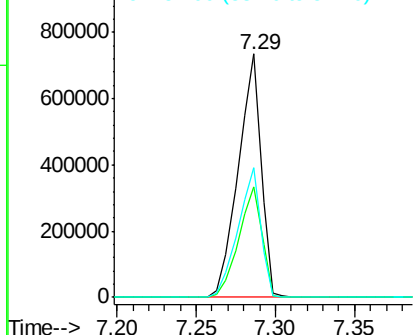
#23
Nitrobenzene-d5
Concen: 70.239 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF102239.D
Acq: 20 Jan 2018 1:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	730651
Ion Ratio	Lower	Upper	
82	100		
128	45.6	36.1	54.1
54	53.1	41.4	62.2

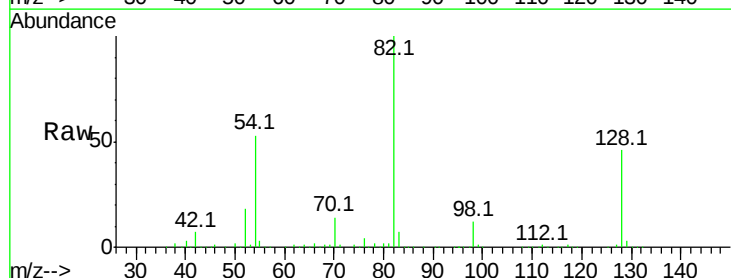


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

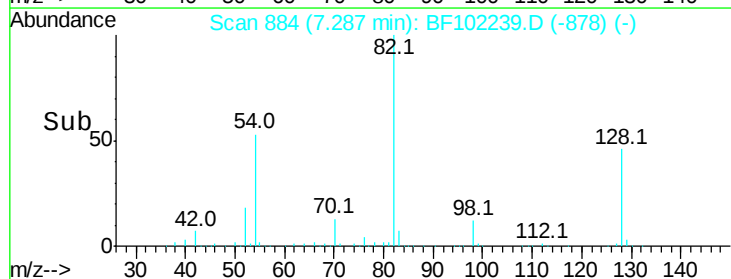
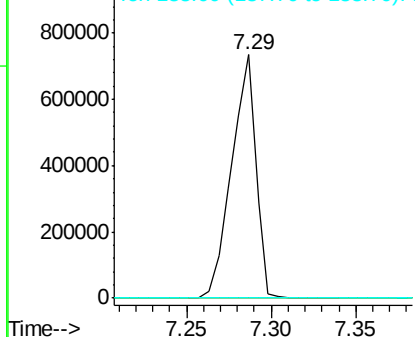


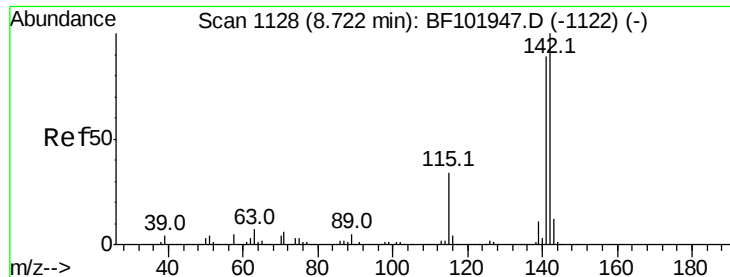
#25
Isophorone
Concen: 35.510 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.26 min
Lab File: BF102239.D
Acq: 20 Jan 2018 1:32

Tgt Ion	82	Resp	729875
Ion Ratio	Lower	Upper	
82	100		
95	0.1	5.2	7.8#
138	0.0	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

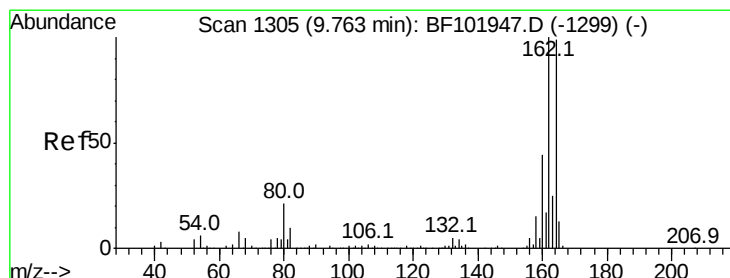
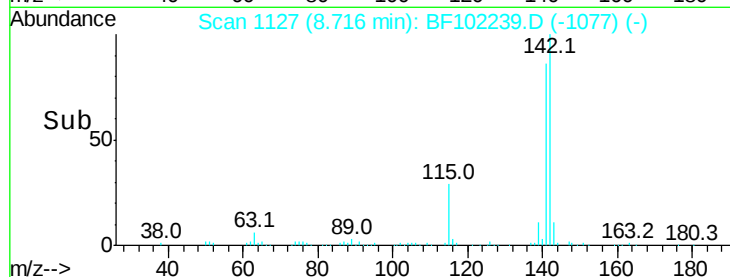
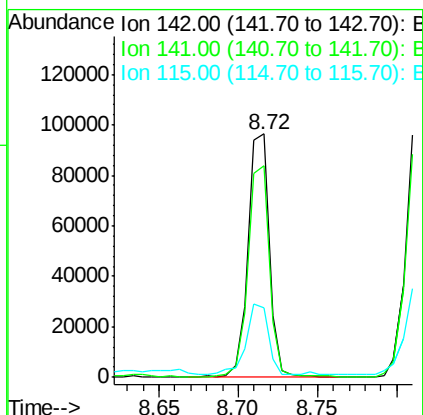
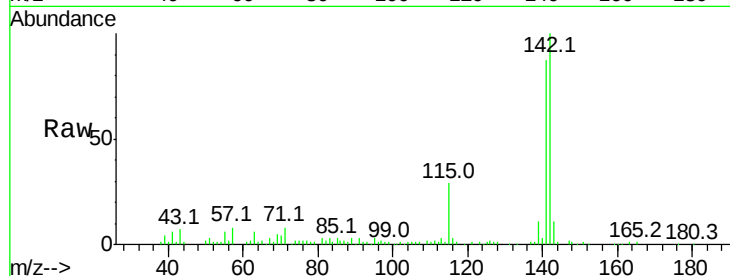




#37
 2-Methylnaphthalene
 Concen: 4.458 ng
 RT: 8.72 min Scan# 1127
 Delta R.T. -0.01 min
 Lab File: BF102239.D
 Acq: 20 Jan 2018 1:32

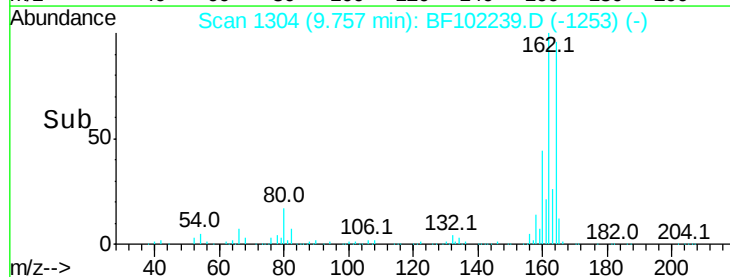
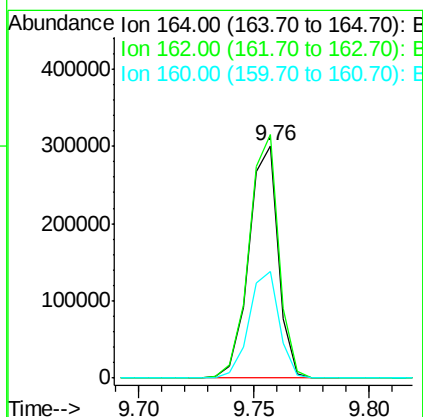
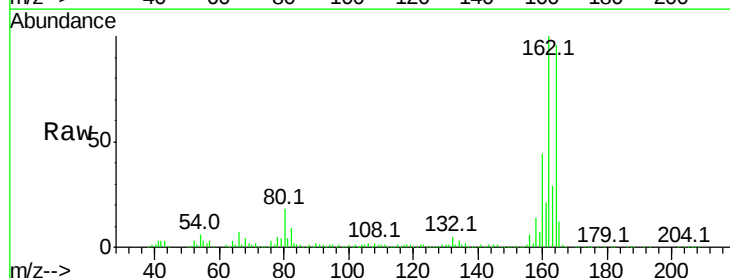
Instrument :
 BNA_F
 ClientSampleId :

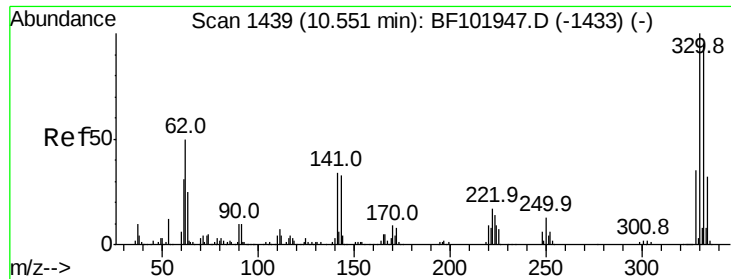
Tot Ion	Ratio	Lower	Upper
142	100		
141	86.8	70.8	106.2
115	28.7	26.1	39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. 0.00 min
 Lab File: BF102239.D
 Acq: 20 Jan 2018 1:32

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.6	86.1	129.1
160	45.8	38.3	57.5

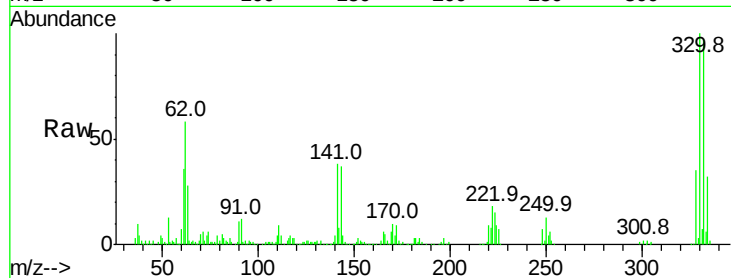




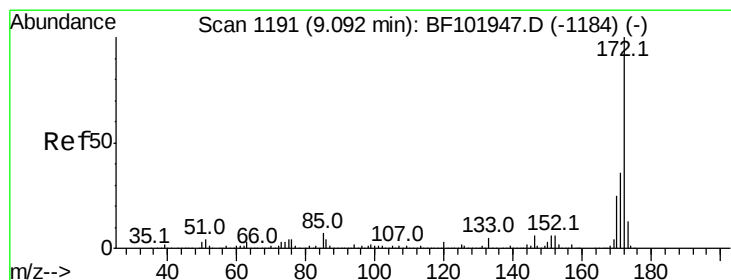
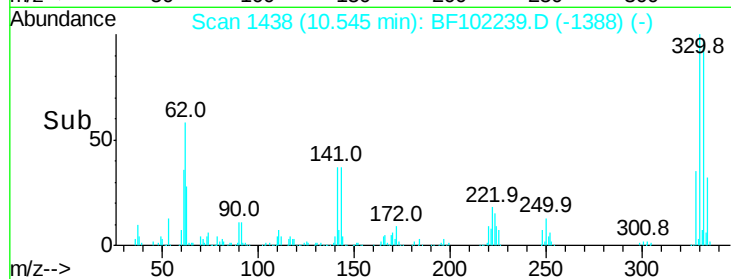
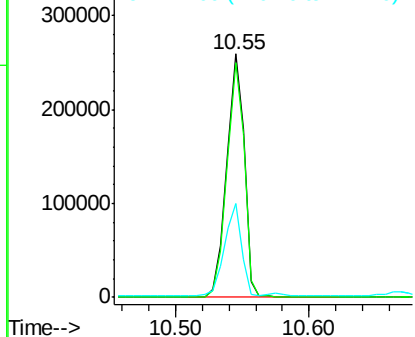
#41
 2,4,6-Tribromophenol
 Concen: 103.241 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF102239.D
 Acq: 20 Jan 2018 1:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 243034
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.0 115.6
 141 36.9 29.9 44.9

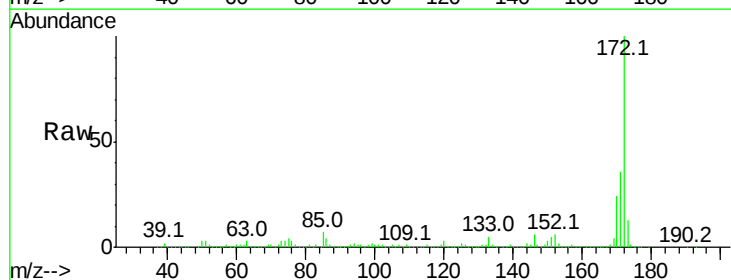


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

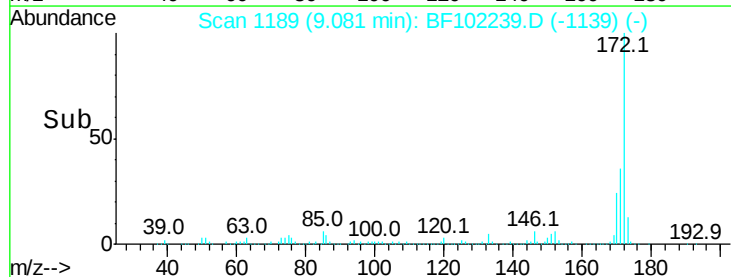
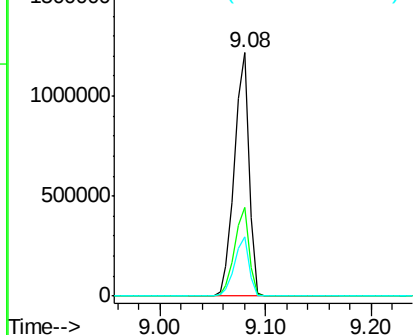


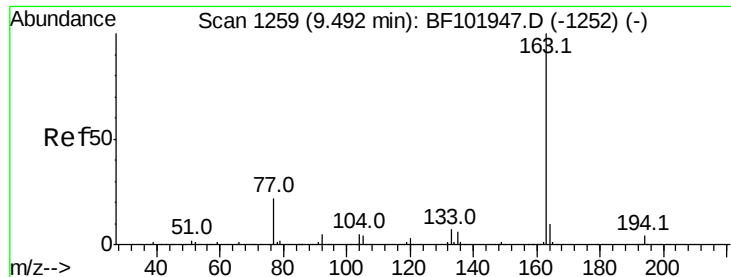
#44
 2-Fluorobiphenyl
 Concen: 66.785 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF102239.D
 Acq: 20 Jan 2018 1:32

Tgt Ion:172 Resp: 1153132
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.7 44.5
 170 24.2 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

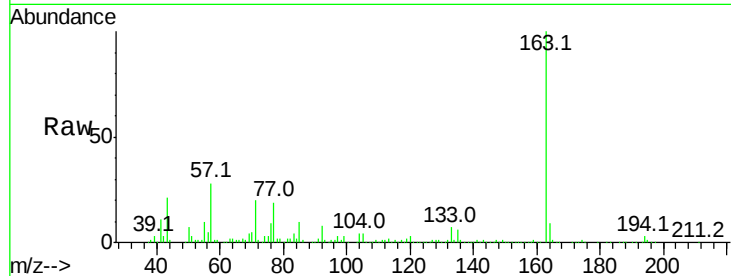




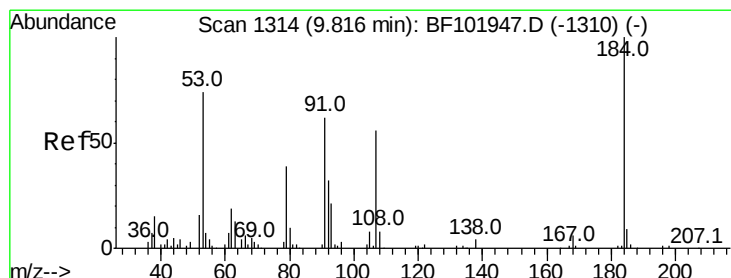
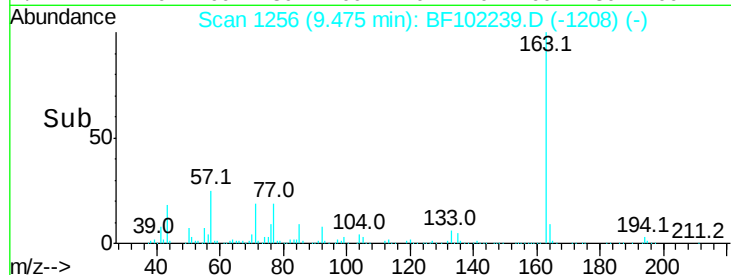
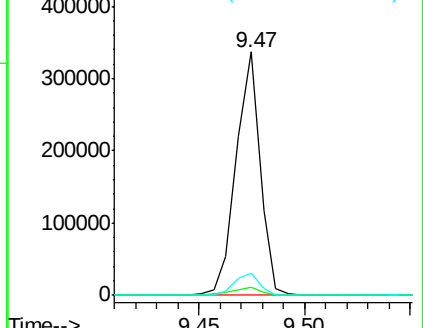
#49
Dimethylphthalate
Concen: 12.105 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.02 min
Lab File: BF102239.D
Acq: 20 Jan 2018 1:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 261942
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 9.2 8.2 12.2

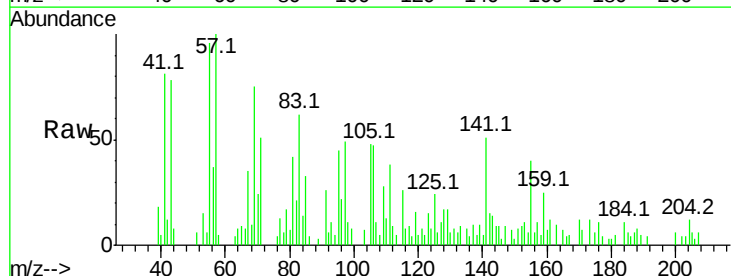


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

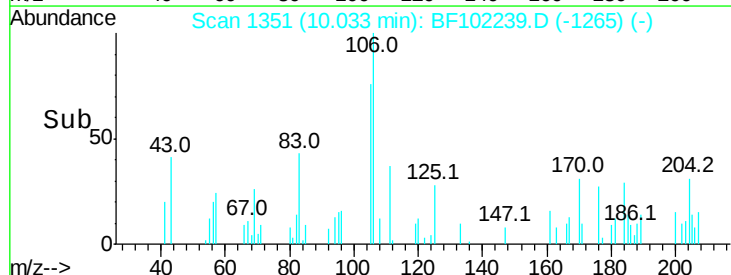
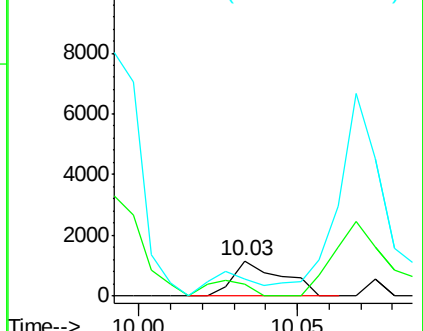


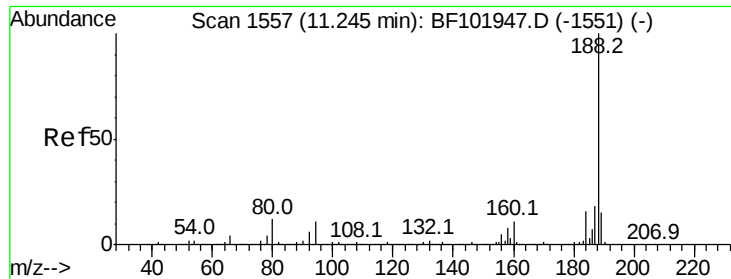
#53
2,4-Dinitrophenol
Concen: 9.320 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.21 min
Lab File: BF102239.D
Acq: 20 Jan 2018 1:32

Tgt Ion:184 Resp: 1227
Ion Ratio Lower Upper
184 100
63 32.1 54.2 81.2#
154 49.2 184.0 276.0#



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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.24 min Scan# 1556

Delta R.T. 0.00 min

Lab File: BF102239.D

Acq: 20 Jan 2018 1:32

Instrument :

BNA_F

ClientSampleId :

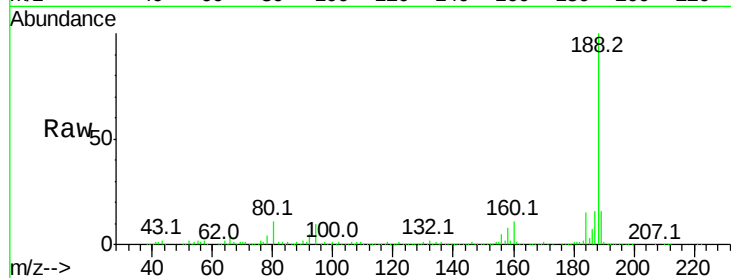
Tot Ion:188 Resp: 428897

Ion Ratio Lower Upper

188 100

94 10.1 8.5 12.7

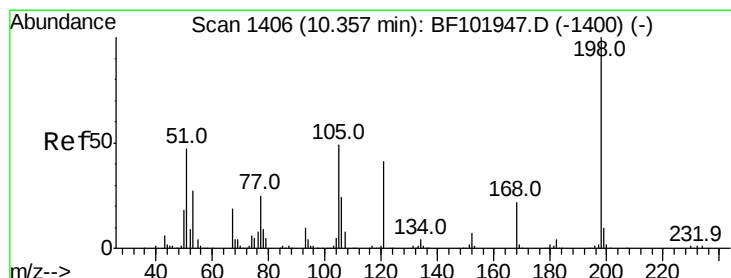
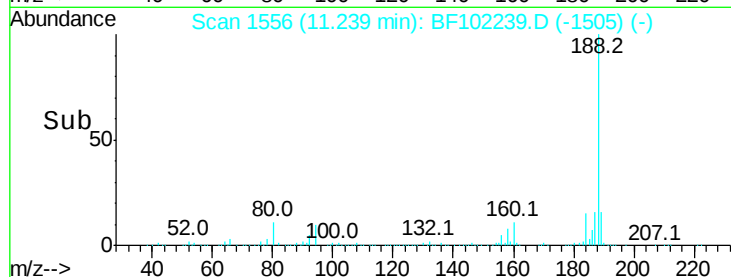
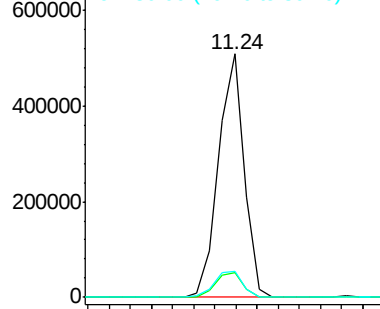
80 10.8 9.2 13.8



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: 5.702 ng

RT: 10.40 min Scan# 1413

Delta R.T. 0.04 min

Lab File: BF102239.D

Acq: 20 Jan 2018 1:32

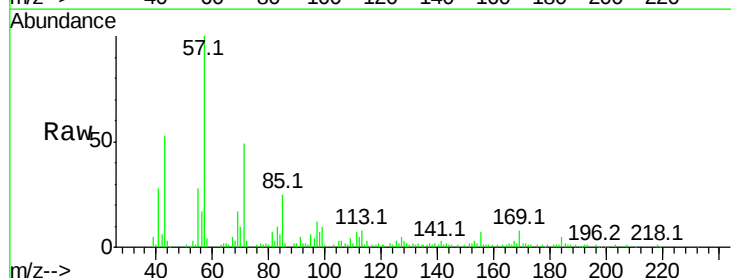
Tgt Ion:198 Resp: 106

Ion Ratio Lower Upper

198 100

51 329.9 37.7 77.7#

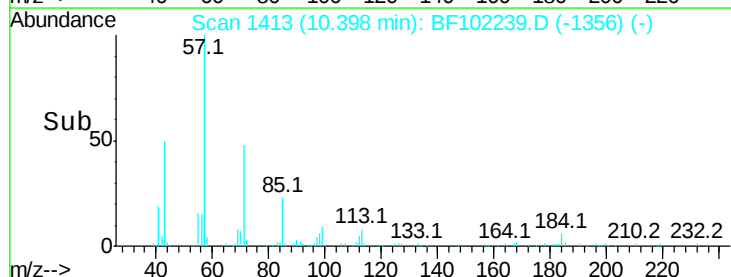
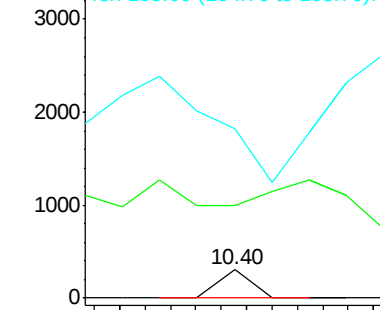
105 605.0 36.3 76.3#

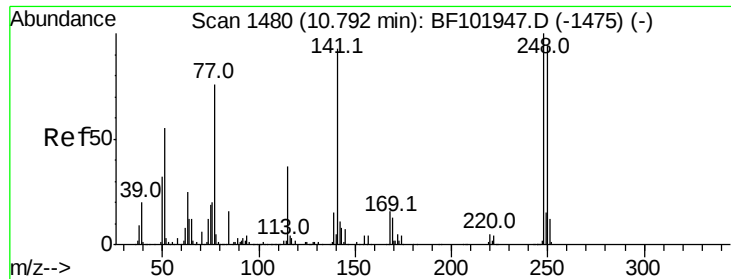


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

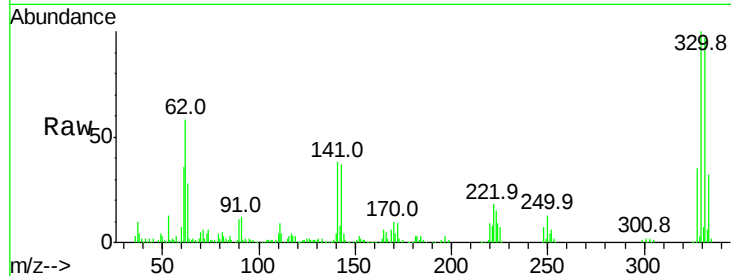




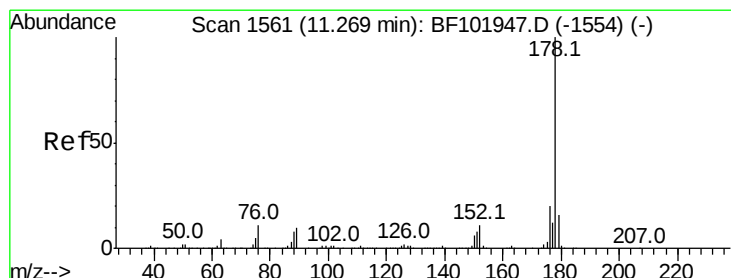
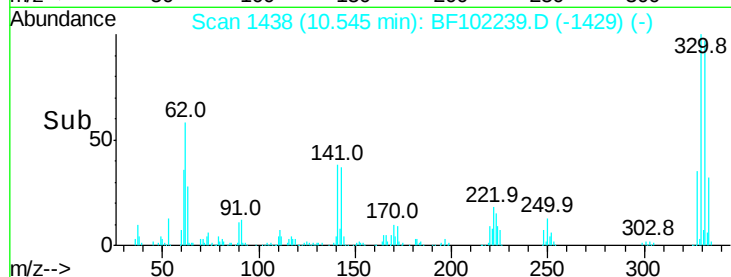
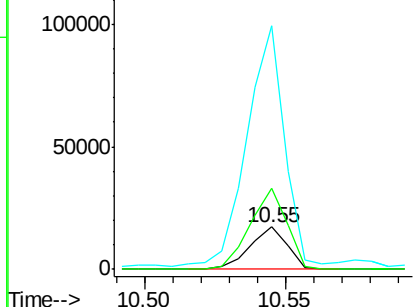
#66
4-Bromophenyl-phenylether
Concen: 3.424 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.25 min
Lab File: BF102239.D
Acq: 20 Jan 2018 1:32

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 15509
Ion Ratio Lower Upper
248 100
250 191.3 76.9 115.3#
141 578.6 74.4 111.6#

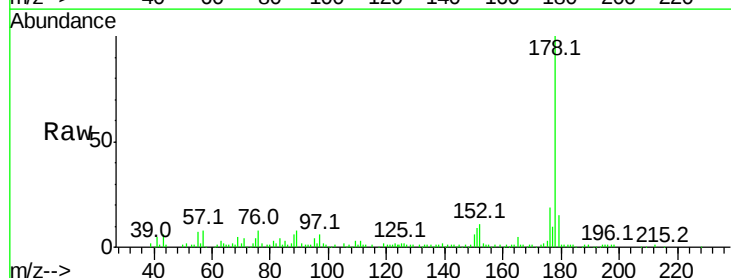


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

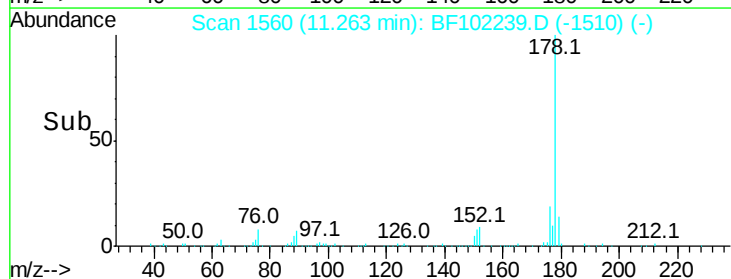
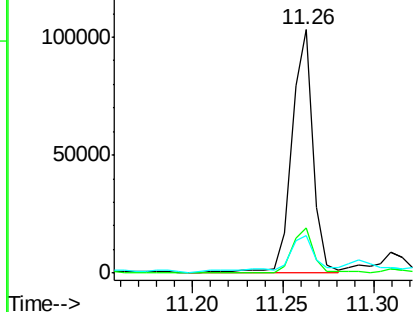


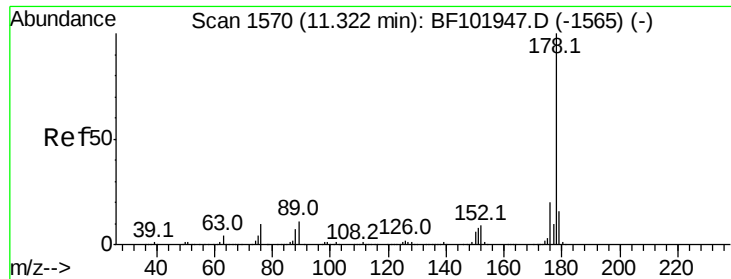
#70
Phenanthrene
Concen: 3.387 ng
RT: 11.26 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BF102239.D
Acq: 20 Jan 2018 1:32

Tgt Ion:178 Resp: 84855
Ion Ratio Lower Upper
178 100
176 18.8 15.8 23.8
179 15.3 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

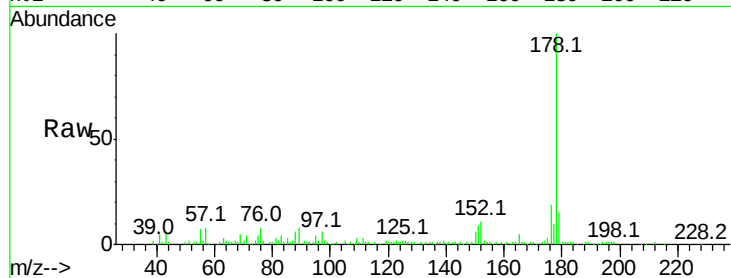




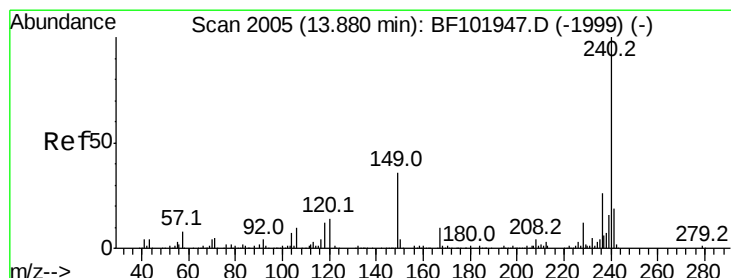
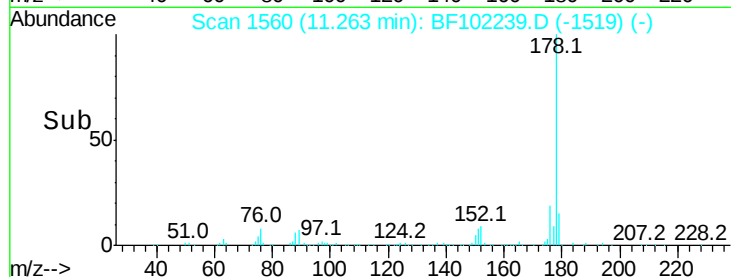
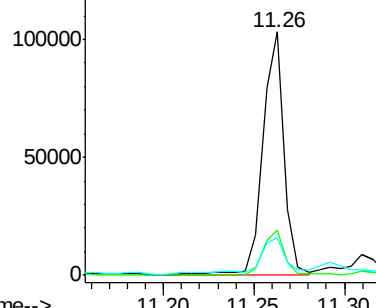
#71
 Anthracene
 Concen: 3.340 ng
 RT: 11.26 min Scan# 1560
 Delta R.T. -0.06 min
 Lab File: BF102239.D
 Acq: 20 Jan 2018 1:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 84855
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.4 23.2
 179 15.3 12.6 19.0

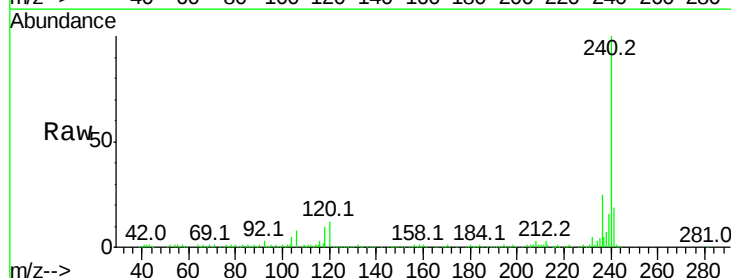


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

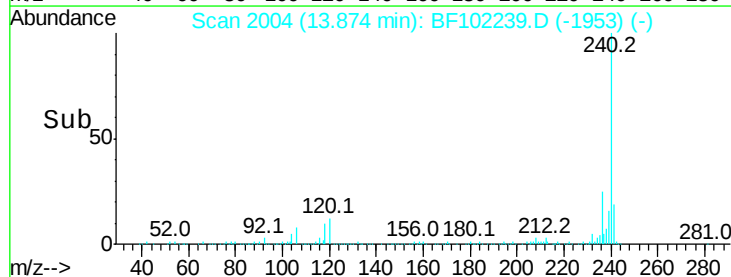
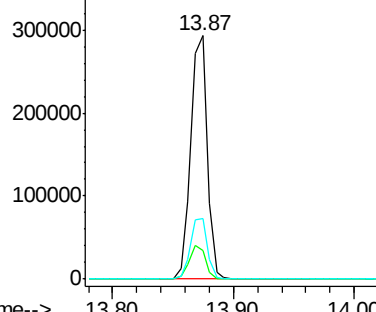


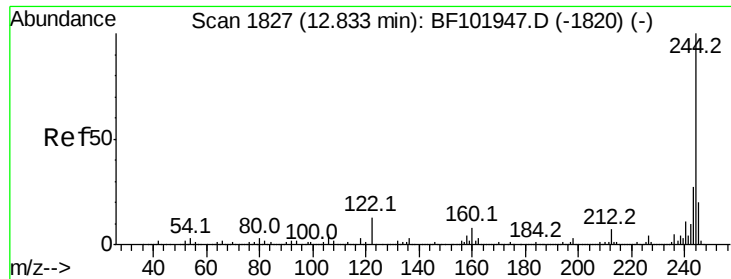
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.87 min Scan# 2004
 Delta R.T. 0.00 min
 Lab File: BF102239.D
 Acq: 20 Jan 2018 1:32

Tgt Ion:240 Resp: 275177
 Ion Ratio Lower Upper
 240 100
 120 11.6 9.5 14.3
 236 25.0 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

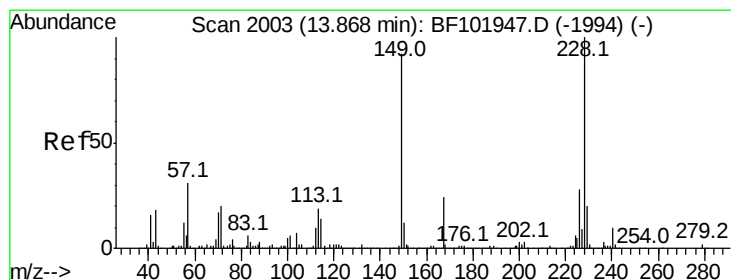
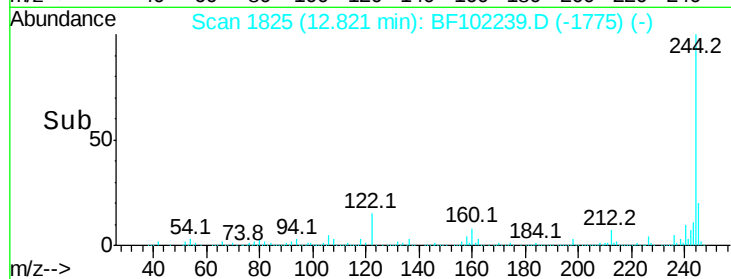
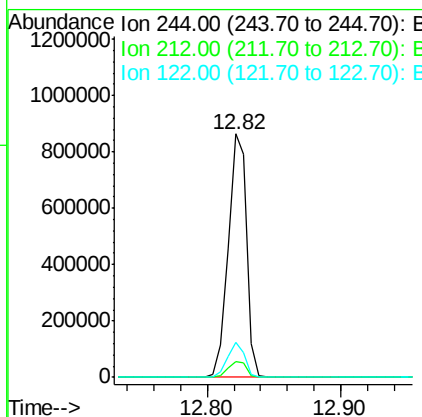
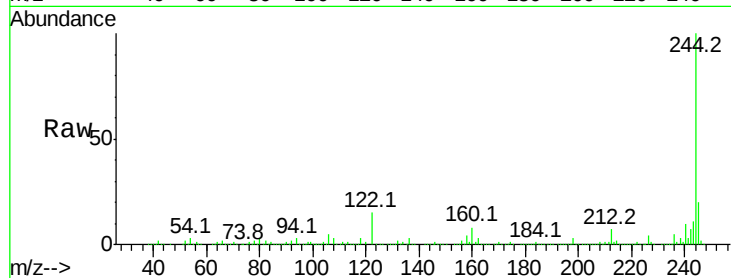




#78
 Terphenyl-d14
 Concen: 63.204 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. -0.01 min
 Lab File: BF102239.D
 Acq: 20 Jan 2018 1:32

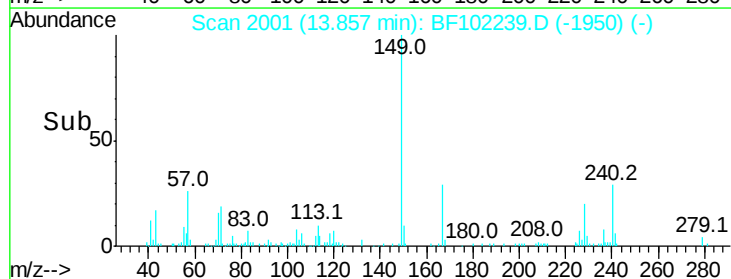
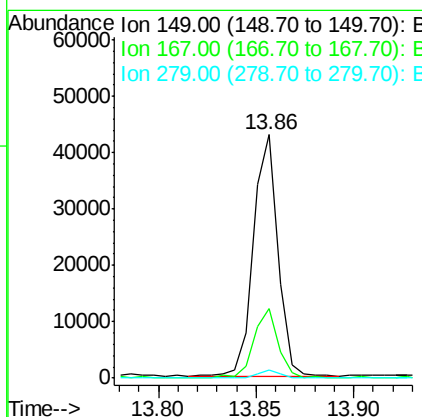
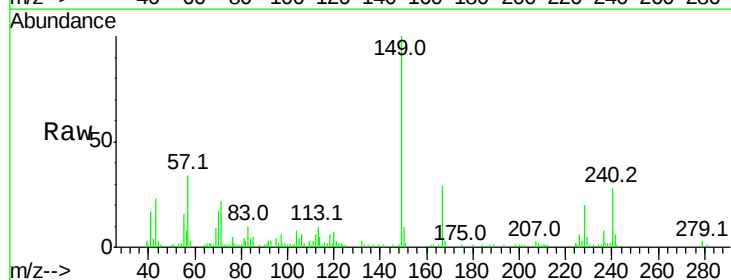
Instrument :
 BNA_F
 ClientSampled :

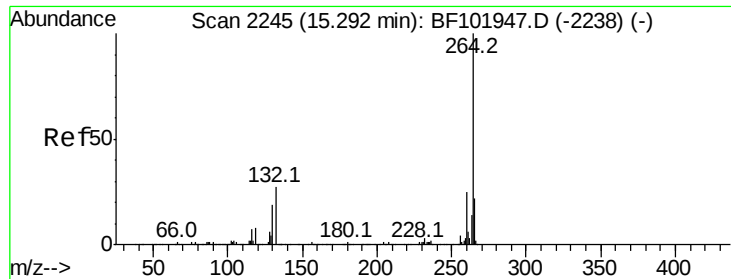
Tot Ion:244 Resp: 837668
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 14.5 11.0 16.4



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.880 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. 0.00 min
 Lab File: BF102239.D
 Acq: 20 Jan 2018 1:32

Tgt Ion:149 Resp: 36879
 Ion Ratio Lower Upper
 149 100
 167 28.6 21.3 31.9
 279 3.5 3.0 4.4





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.29 min Scan# 2245
Delta R.T. 0.00 min
Lab File: BF102239.D
Acq: 20 Jan 2018 1:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 284061

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	20.8	17.5	26.3

