

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041618\
 Data File : BF104556.D
 Acq On : 17 Apr 2018 1:45
 Operator : JU/SJ
 Sample : J2386-04
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 17 02:22:02 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 16 12:15:25 2018
 Response via : Initial Calibration

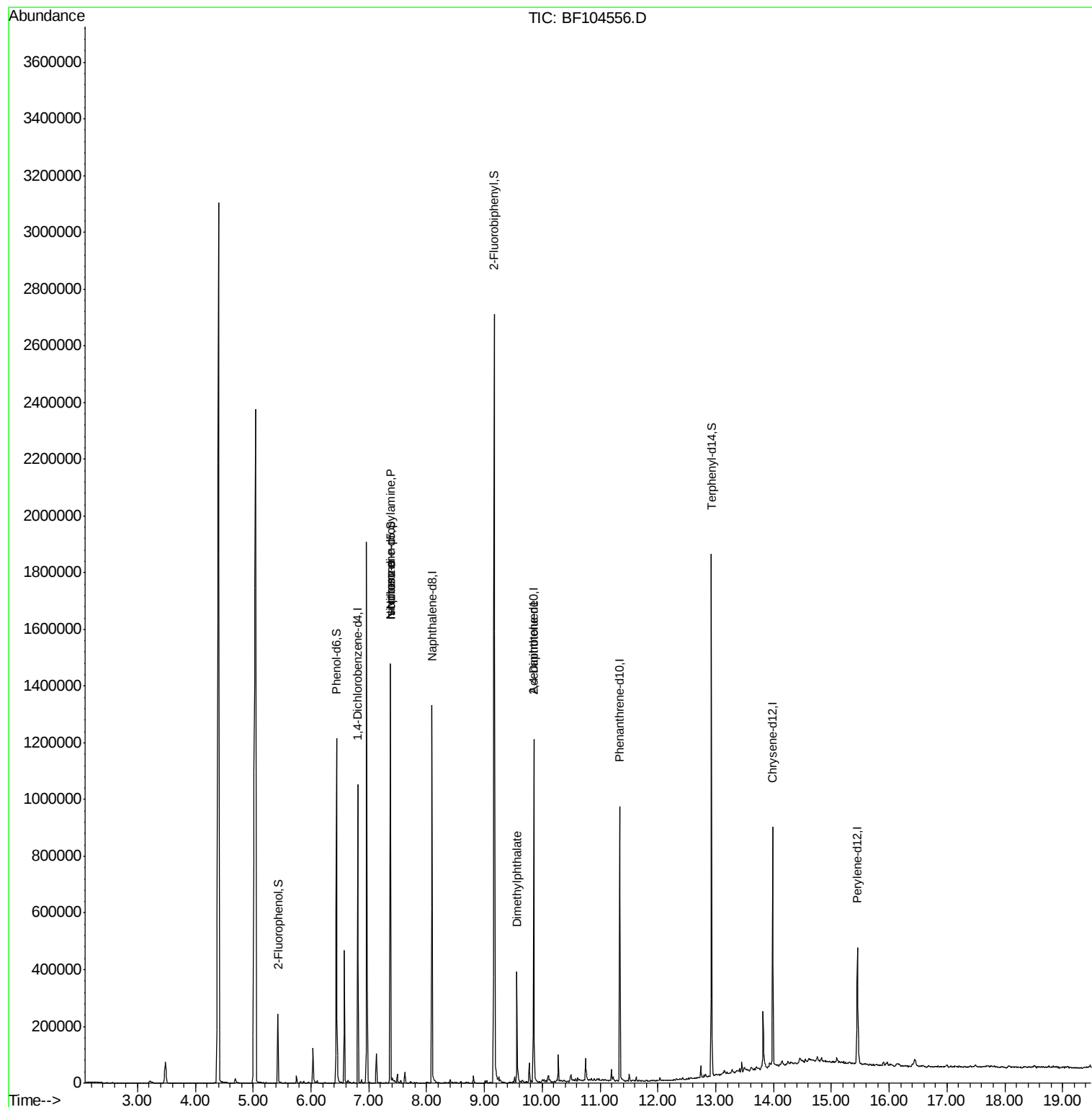
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	140604	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	556316	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	227324	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	332283	20.00	ng	0.00
75) Chrysene-d12	13.99	240	262406	20.00	ng	0.00
86) Perylene-d12	15.45	264	192702	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	76438	8.31	ng	0.00
7) Phenol-d6	6.44	99	396521	35.10	ng	-0.01
23) Nitrobenzene-d5	7.37	82	459688	53.96	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	794	0.34	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	832681	57.87	ng	0.00
78) Terphenyl-d14	12.93	244	568653	49.41	ng	0.00
Target Compounds						
9) Benzaldehyde	6.44	77	793	Below Cal	Qvalue # 1	
19) n-Nitroso-di-n-propylamine	7.37	70	59731	8.090 ng	# 72	
25) Isophorone	7.37	82	459683	25.515 ng	# 64	
49) Dimethylphthalate	9.56	163	158266	8.829 ng	# 99	
56) 2,4-Dinitrotoluene	9.85	165	29150	6.700 ng	# 23	
76) Benzidine	12.93	184	7181	Below Cal	# 98	

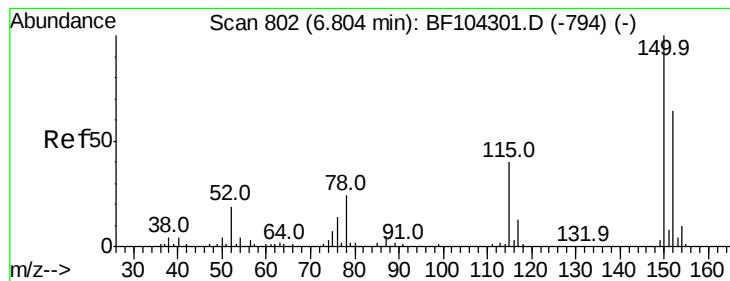
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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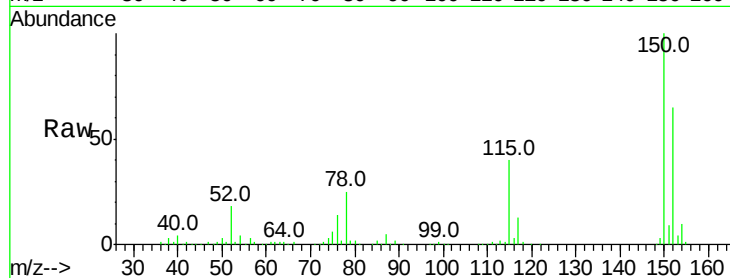


#1

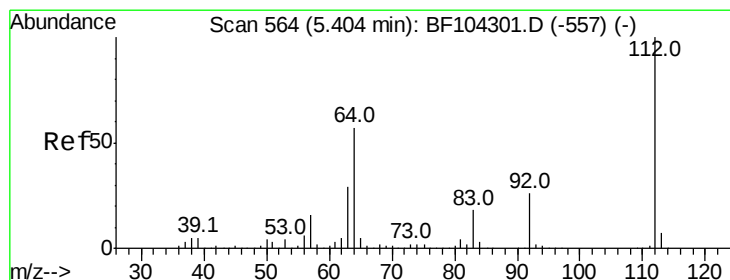
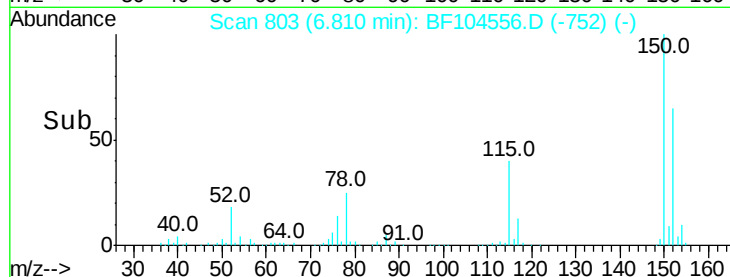
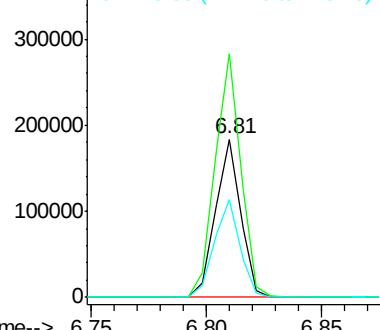
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.81 min Scan# 803
 Delta R.T. -0.00 min
 Lab File: BF104556.D
 Acq: 17 Apr 2018 1:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 140604
 Ion Ratio Lower Upper
 152 100
 150 153.7 124.6 186.8
 115 61.7 50.1 75.1



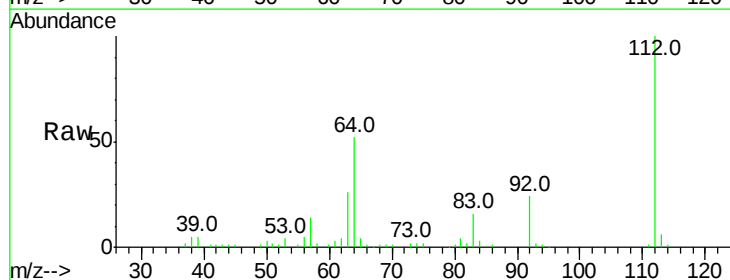
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



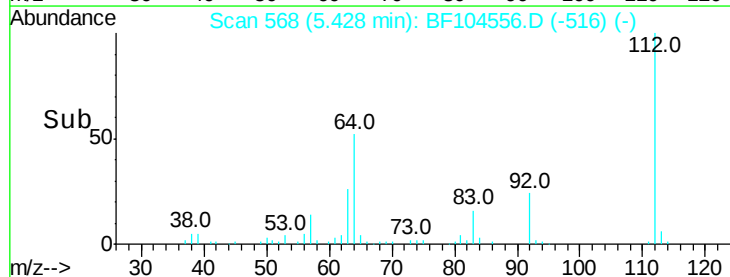
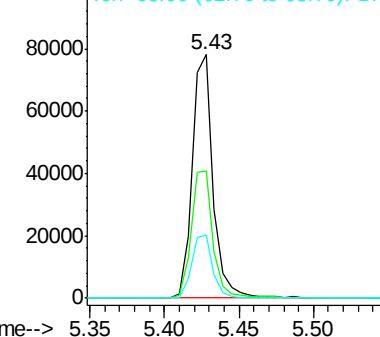
#5

2-Fluorophenol
 Concen: 8.313 ng
 RT: 5.43 min Scan# 568
 Delta R.T. 0.01 min
 Lab File: BF104556.D
 Acq: 17 Apr 2018 1:45

Tgt Ion:112 Resp: 76438
 Ion Ratio Lower Upper
 112 100
 64 52.5 47.9 71.9
 63 25.8 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: 35.096 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF104556.D

Acq: 17 Apr 2018 1:45

Instrument :

BNA_F

ClientSampleId :

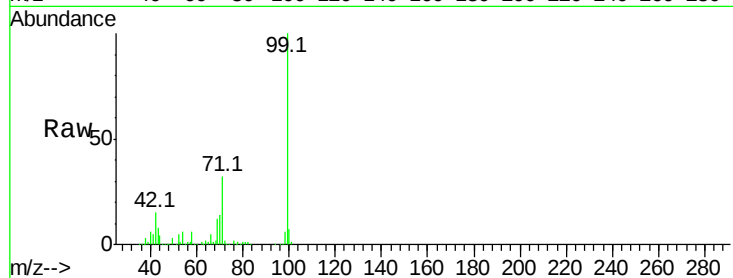
Tot Ion: 99 Resp: 396521

Ion Ratio Lower Upper

99 100

42 15.4 14.5 21.7

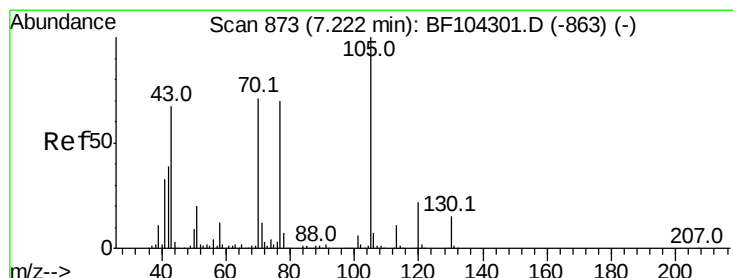
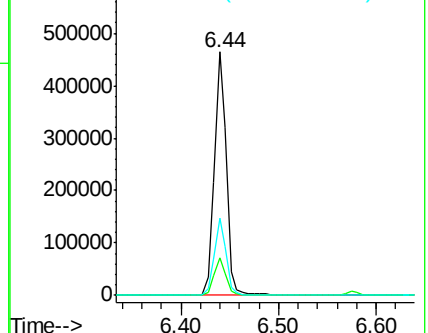
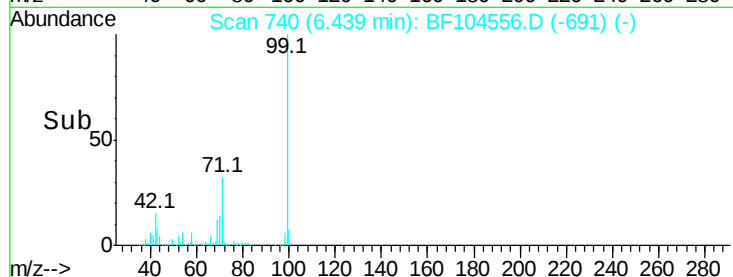
71 32.0 25.4 38.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 8.090 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.15 min

Lab File: BF104556.D

Acq: 17 Apr 2018 1:45

Tgt Ion: 70 Resp: 59731

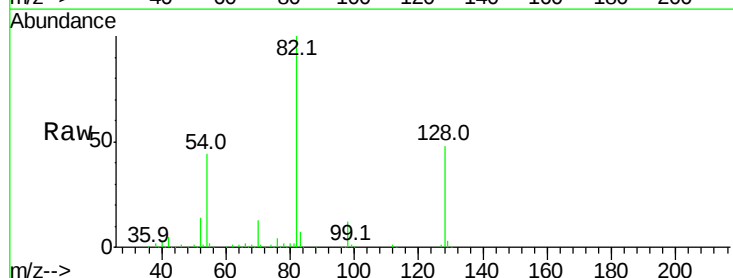
Ion Ratio Lower Upper

70 100

42 41.3 47.5 71.3#

101 0.0 7.4 11.2#

130 2.3 16.6 25.0#

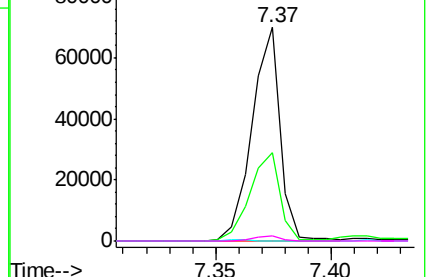
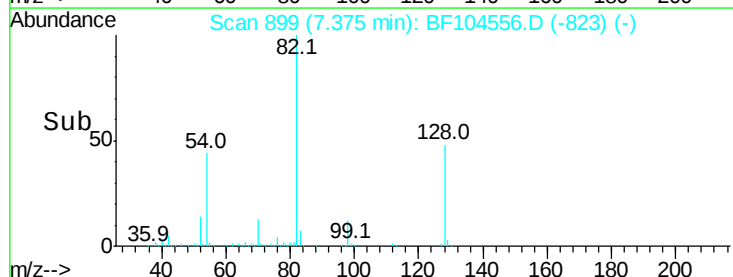


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

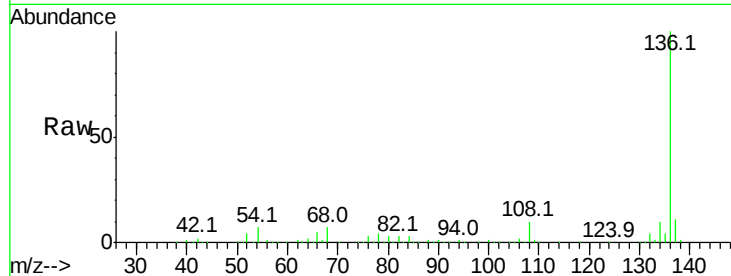




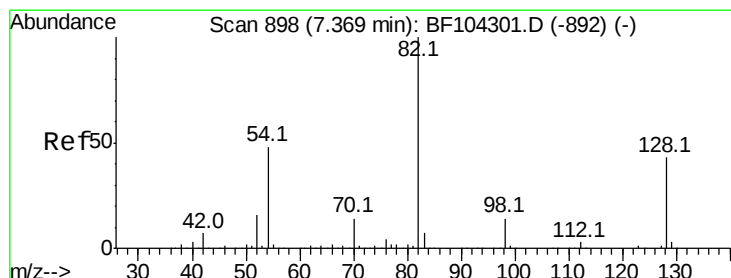
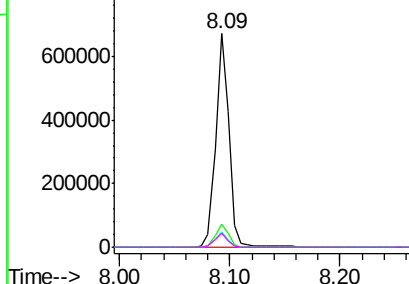
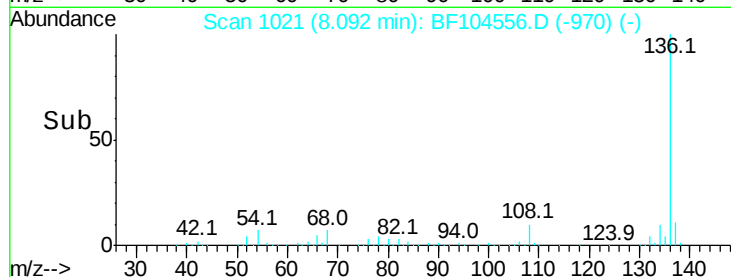
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BF104556.D
Acq: 17 Apr 2018 1:45

Instrument :
BNA_F
ClientSampled :

Tot Ion:	136	Resp:	556316
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	7.5	6.6	9.8
68	6.5	5.0	7.4

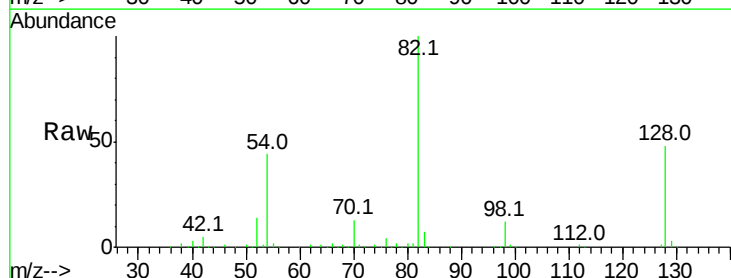


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

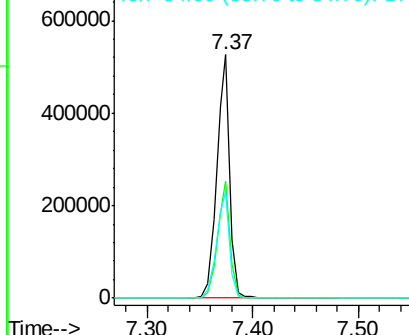
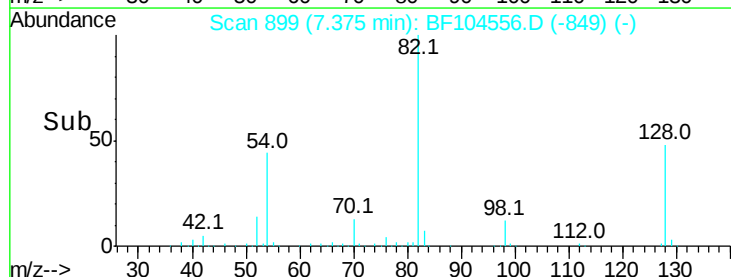


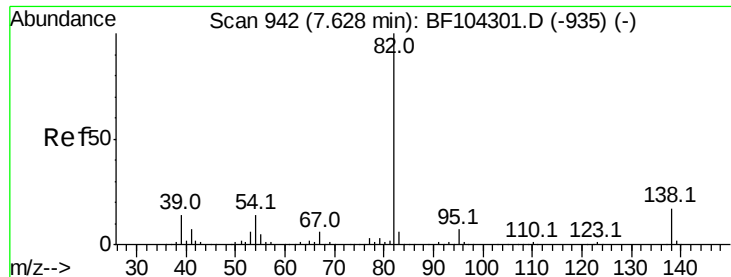
#23
Nitrobenzene-d5
Concen: 53.956 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF104556.D
Acq: 17 Apr 2018 1:45

Tgt Ion:	82	Resp:	459688
Ion	Ratio	Lower	Upper
82	100		
128	48.1	36.1	54.1
54	44.0	41.4	62.2



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





#25

Isophorone

Concen: 25.515 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.26 min

Lab File: BF104556.D

Acq: 17 Apr 2018 1:45

Instrument :

BNA_F

ClientSampleId :

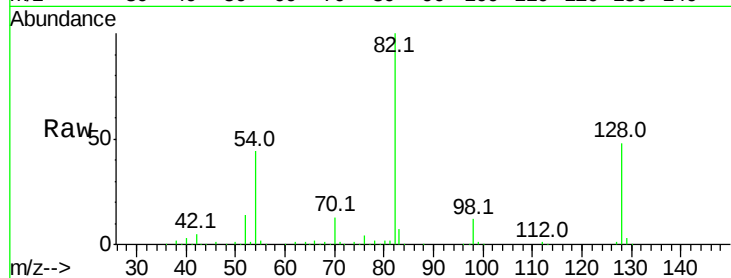
Tot Ion: 82 Resp: 459683

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

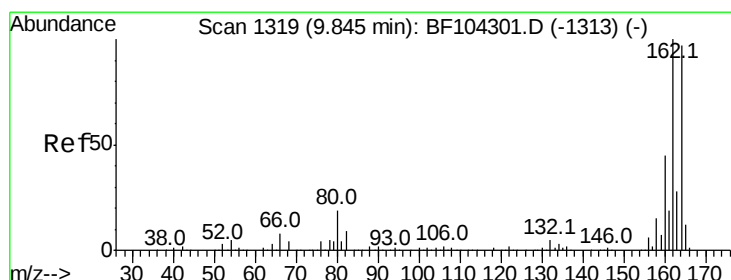
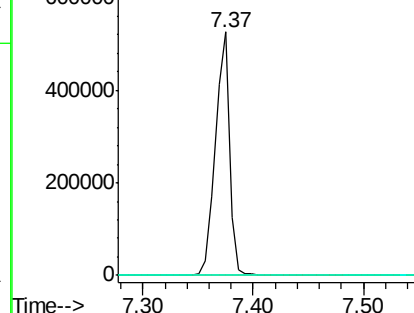
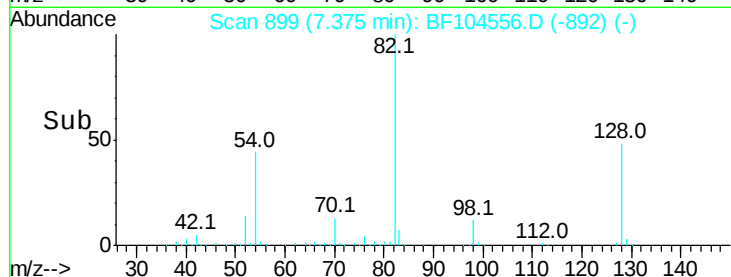
138 0.0 14.9 22.3#



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



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.00 min

Lab File: BF104556.D

Acq: 17 Apr 2018 1:45

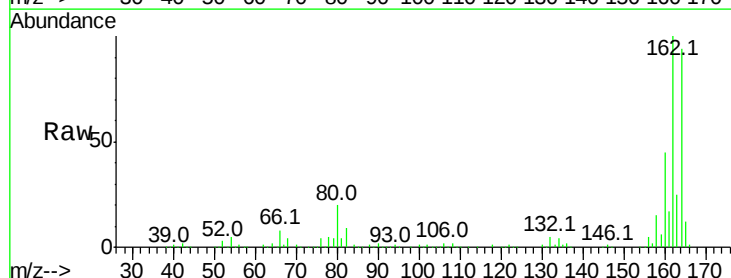
Tgt Ion:164 Resp: 227324

Ion Ratio Lower Upper

164 100

162 106.8 86.1 129.1

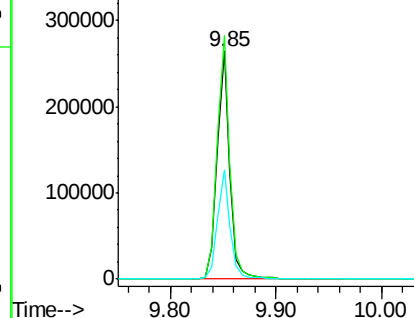
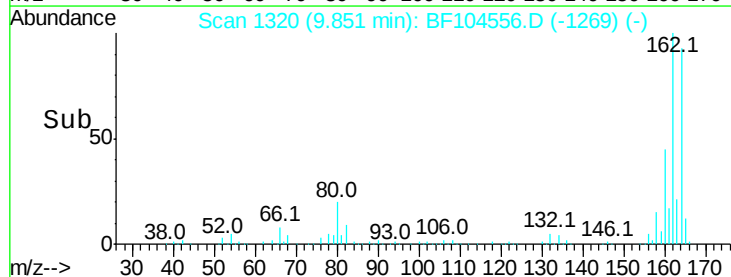
160 47.9 38.3 57.5



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

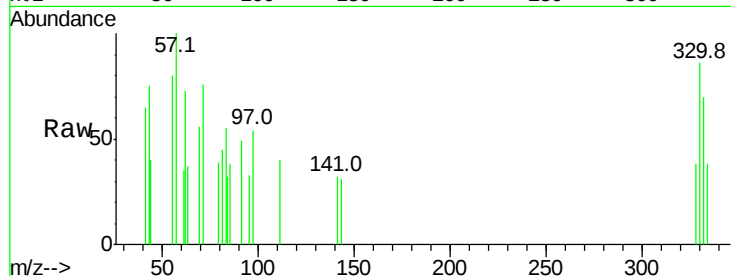




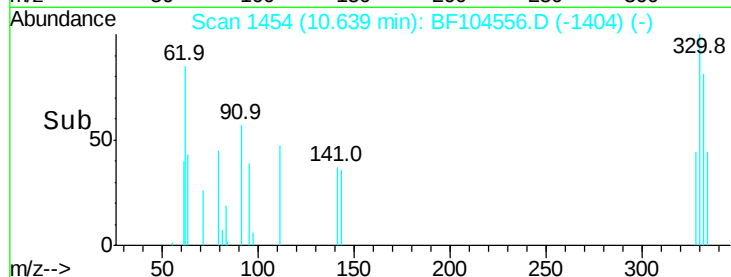
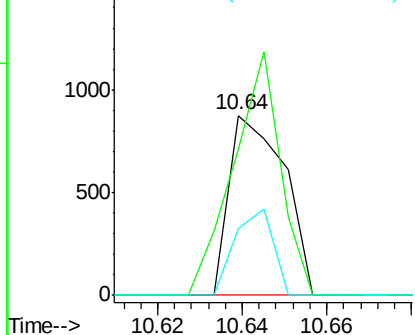
#41
 2,4,6-Tribromophenol
 Concen: 0.337 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.01 min
 Lab File: BF104556.D
 Acq: 17 Apr 2018 1:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 794
 Ion Ratio Lower Upper
 330 100
 332 115.0 77.0 115.6
 141 33.0 29.9 44.9

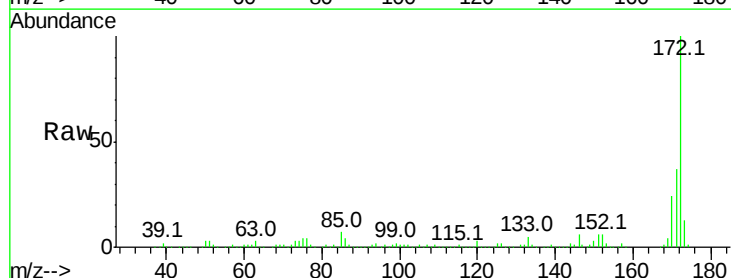


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

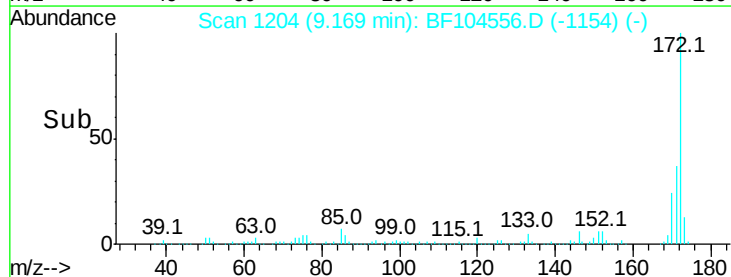
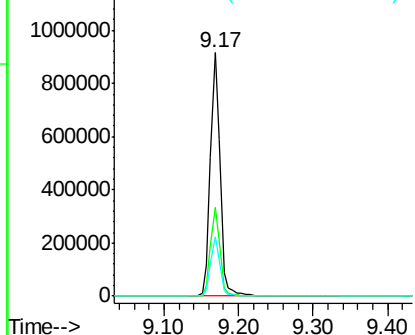


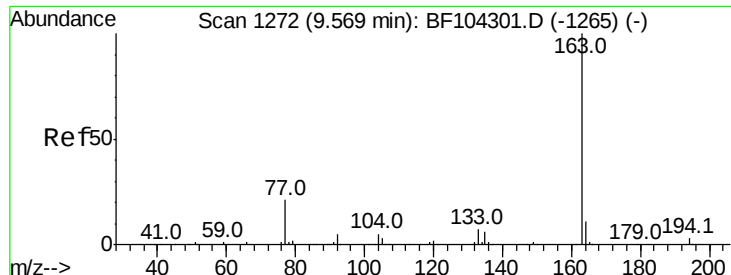
#44
 2-Fluorobiphenyl
 Concen: 57.866 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF104556.D
 Acq: 17 Apr 2018 1:45

Tgt Ion:172 Resp: 832681
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.7 44.5
 170 24.4 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

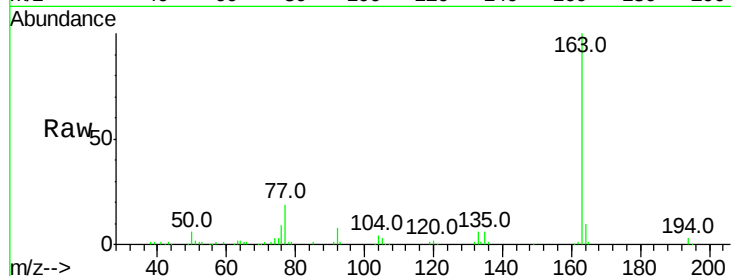




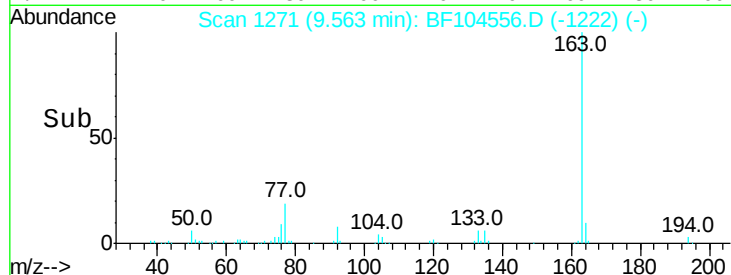
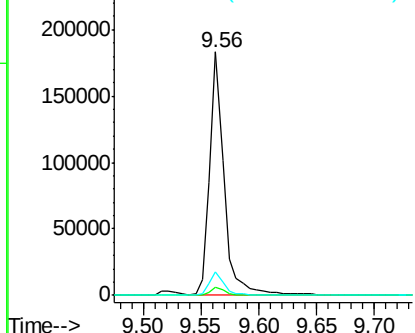
#49
Dimethylphthalate
Concen: 8.829 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BF104556.D
Acq: 17 Apr 2018 1:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 158266
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 9.9 8.2 12.2

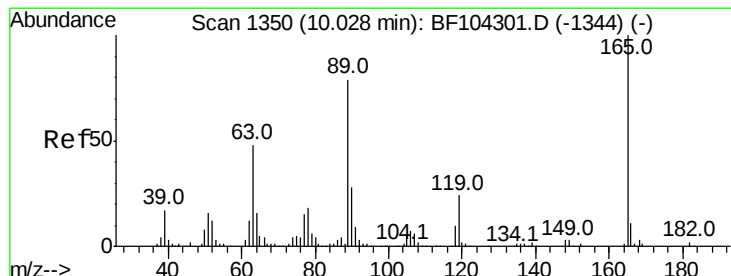


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

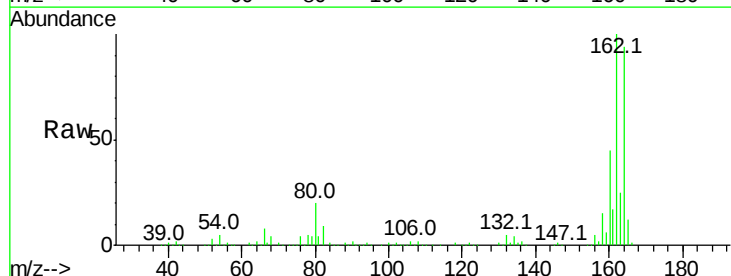
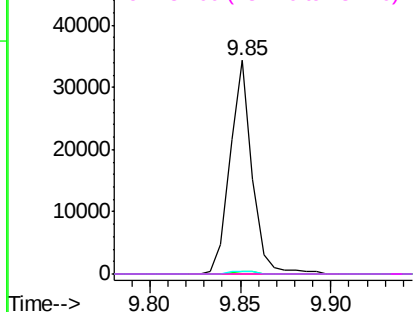


#56
2,4-Dinitrotoluene
Concen: 6.700 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.19 min
Lab File: BF104556.D
Acq: 17 Apr 2018 1:45

Tgt Ion:165 Resp: 29150
Ion Ratio Lower Upper
165 100
63 1.0 36.4 54.6#
89 1.5 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

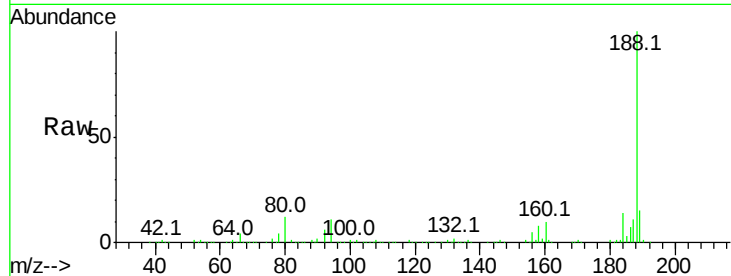




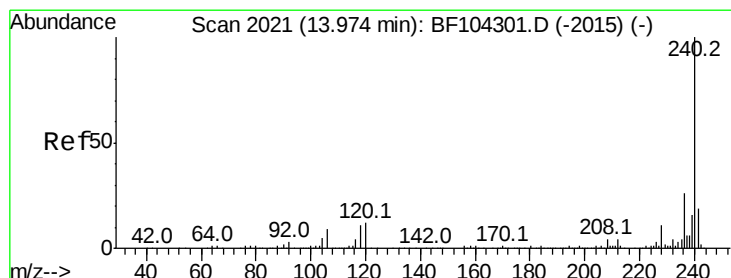
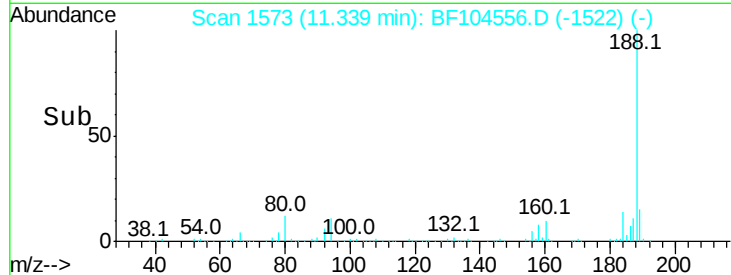
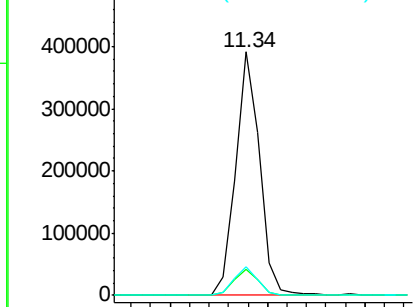
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.00 min
Lab File: BF104556.D
Acq: 17 Apr 2018 1:45

Instrument :
BNA_F
ClientSampled :

Tot Ion:188 Resp: 332283
Ion Ratio Lower Upper
188 100
94 10.8 8.5 12.7
80 11.8 9.2 13.8

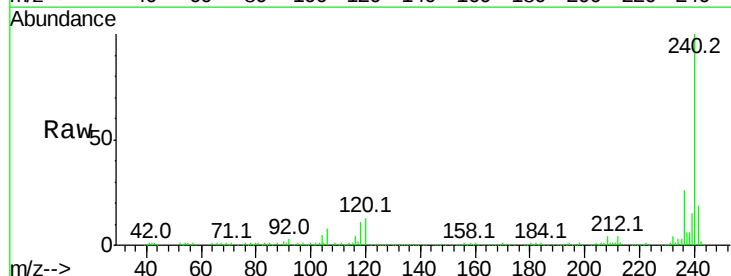


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

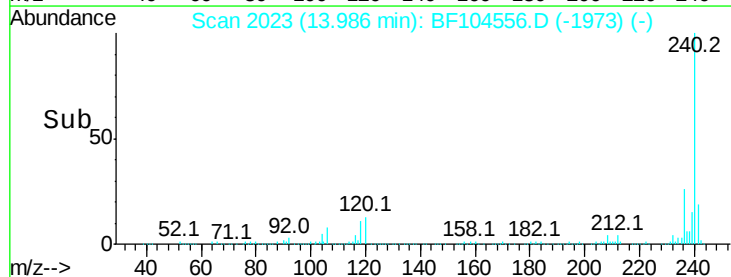
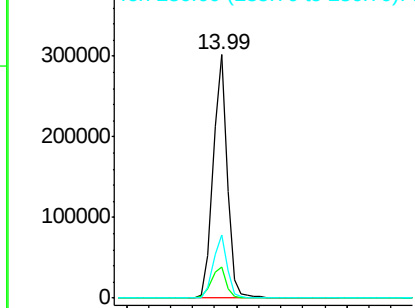


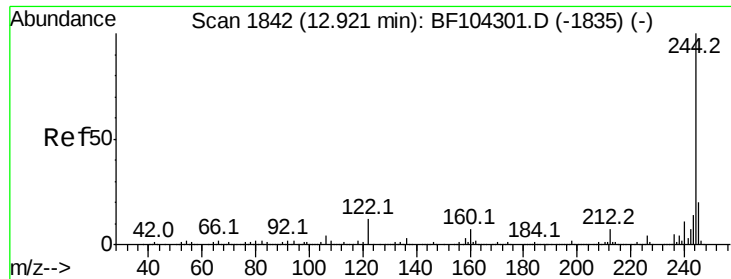
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF104556.D
Acq: 17 Apr 2018 1:45

Tgt Ion:240 Resp: 262406
Ion Ratio Lower Upper
240 100
120 12.8 9.5 14.3
236 25.8 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

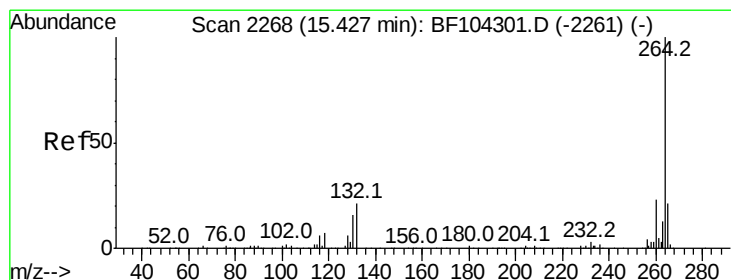
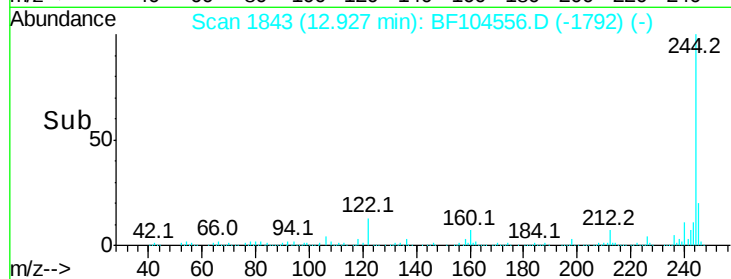
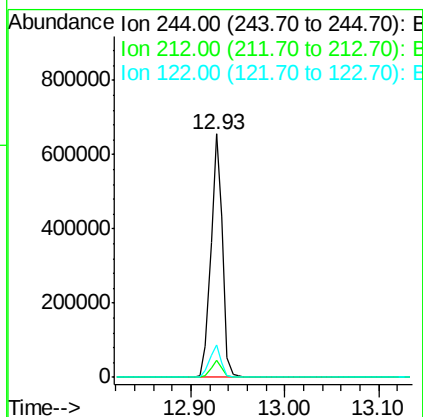
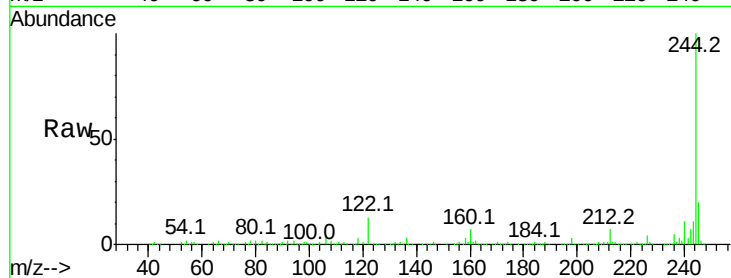




#78
 Terphenyl-d14
 Concen: 49.406 ng
 RT: 12.93 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: BF104556.D
 Acq: 17 Apr 2018 1:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 568653
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 13.2 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.45 min Scan# 2272
 Delta R.T. -0.01 min
 Lab File: BF104556.D
 Acq: 17 Apr 2018 1:45

Tgt Ion:264 Resp: 192702
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.2 28.8
 265 22.5 17.5 26.3

