

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041318\
 Data File : BF104487.D
 Acq On : 13 Apr 2018 19:08
 Operator : JU/SJ
 Sample : J2166-03 2X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 13 22:54:44 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 13 17:38:31 2018
 Response via : Initial Calibration

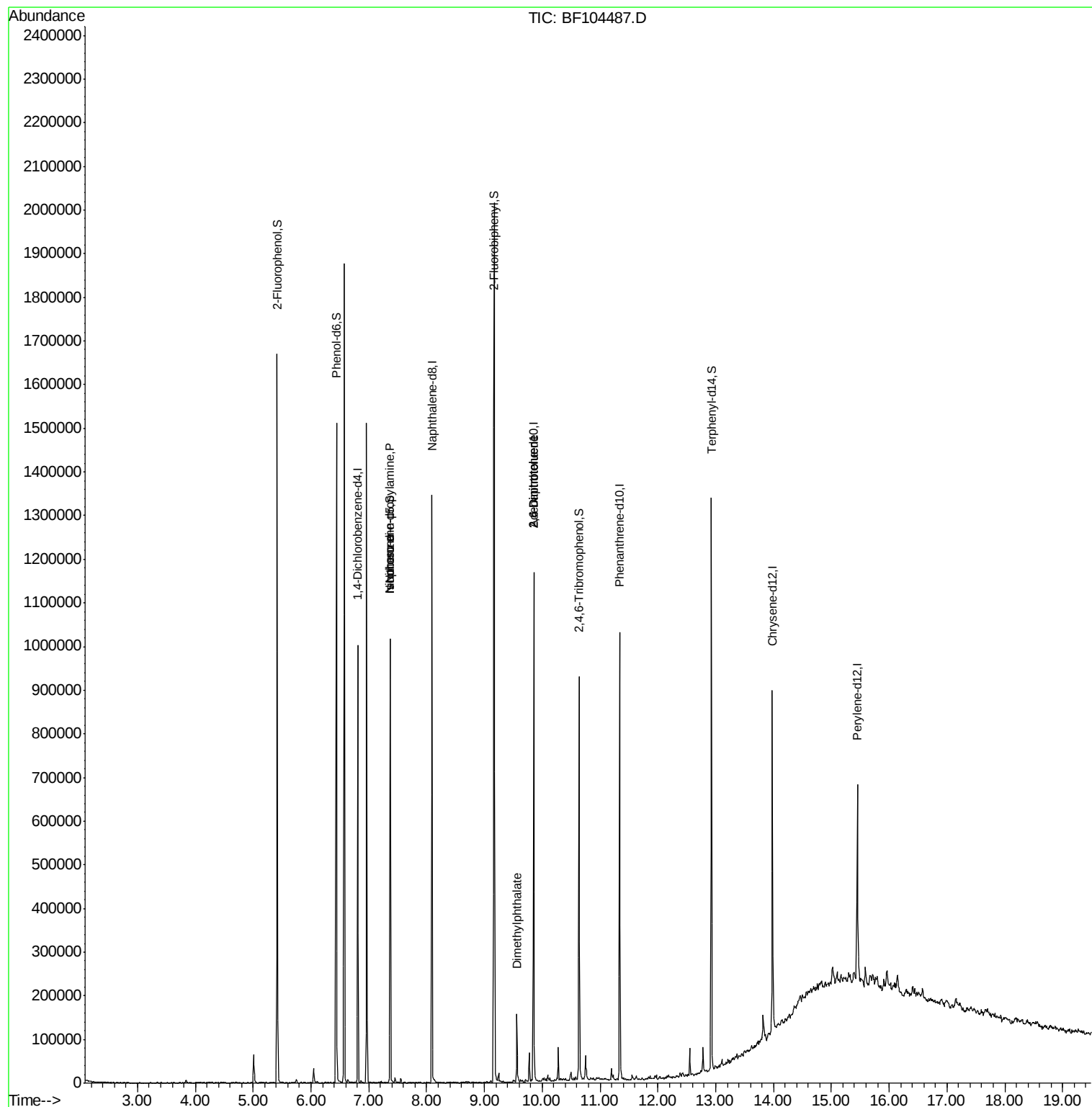
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	135598	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	541090	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	230413	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	359059	20.00	ng	0.00
75) Chrysene-d12	13.98	240	260355	20.00	ng	-0.01
86) Perylene-d12	15.45	264	201380	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	464841	52.42	ng	0.00
7) Phenol-d6	6.44	99	561625	51.54	ng	0.00
23) Nitrobenzene-d5	7.37	82	337451	40.72	ng	-0.01
41) 2,4,6-Tribromophenol	10.64	330	114697	47.99	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	608172	41.70	ng	0.00
78) Terphenyl-d14	12.93	244	447056	39.15	ng	0.00
Target Compounds						
9) Benzaldehyde	6.43	77	1026	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.37	70	42534	5.974 ng	#	76
25) Isophorone	7.37	82	337444	19.257 ng	#	64
49) Dimethylphthalate	9.56	163	65796	3.621 ng	#	99
50) 2,6-Dinitrotoluene	9.85	165	29719	8.839 ng	#	25
56) 2,4-Dinitrotoluene	9.85	165	29719	6.739 ng	#	23
76) Benizidine	12.92	184	5743	Below Cal	#	92

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

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041318\
Data File : BF104487.D
Acq On : 13 Apr 2018 19:08
Operator : JU/SJ
Sample : J2166-03 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Apr 13 22:54:44 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 13 17:38:31 2018
Response via : Initial Calibration



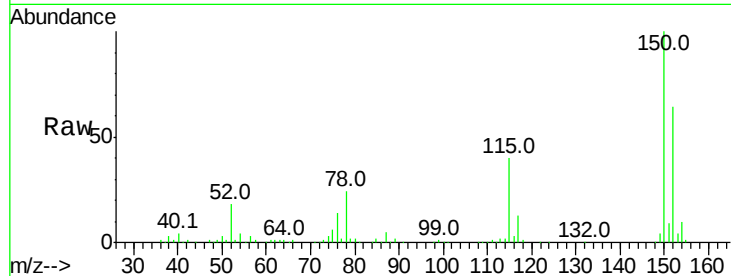


#1

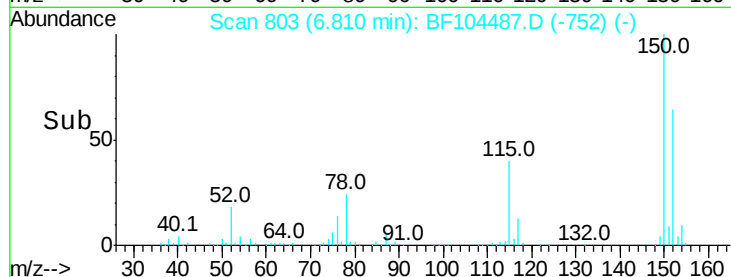
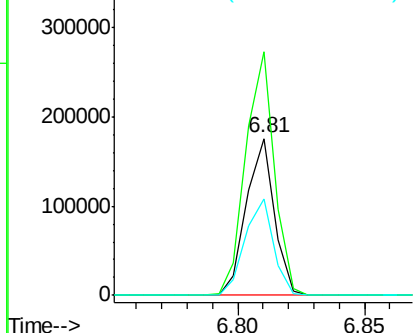
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF104487.D
Acq: 13 Apr 2018 19:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 135598
Ion Ratio Lower Upper
152 100
150 155.5 124.6 186.8
115 61.5 50.1 75.1



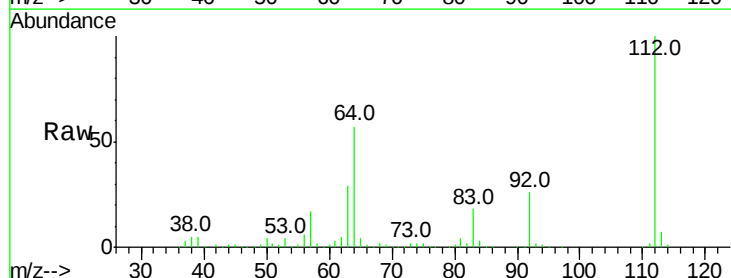
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



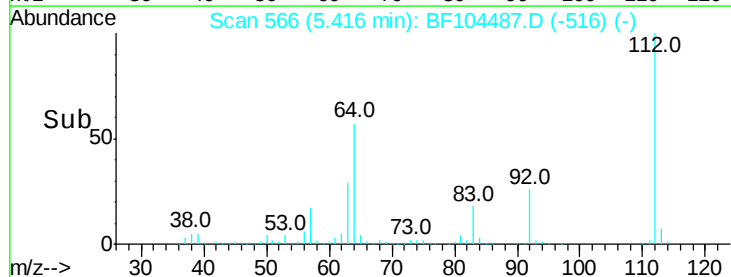
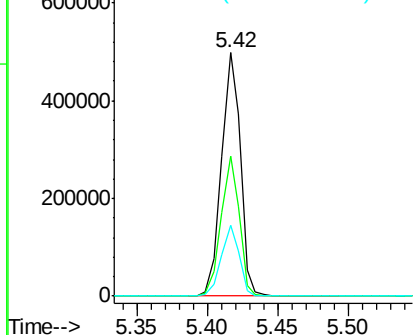
#5

2-Fluorophenol
Concen: 52.417 ng
RT: 5.42 min Scan# 566
Delta R.T. -0.01 min
Lab File: BF104487.D
Acq: 13 Apr 2018 19:08

Tgt Ion:112 Resp: 464841
Ion Ratio Lower Upper
112 100
64 57.4 47.9 71.9
63 29.1 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: 51.544 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF104487.D

Acq: 13 Apr 2018 19:08

Instrument :

BNA_F

ClientSampleId :

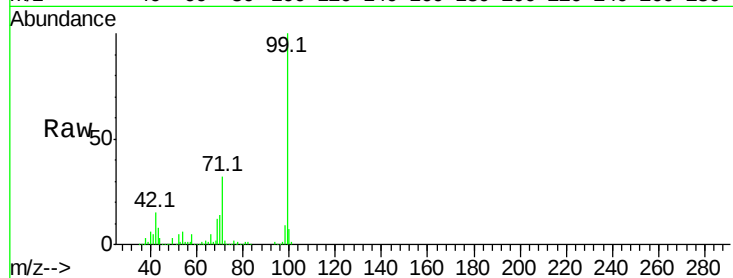
Tot Ion: 99 Resp: 561625

Ion Ratio Lower Upper

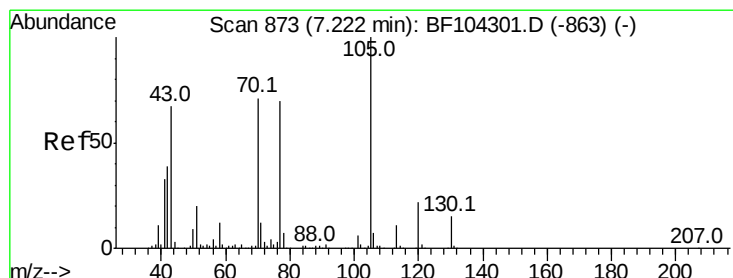
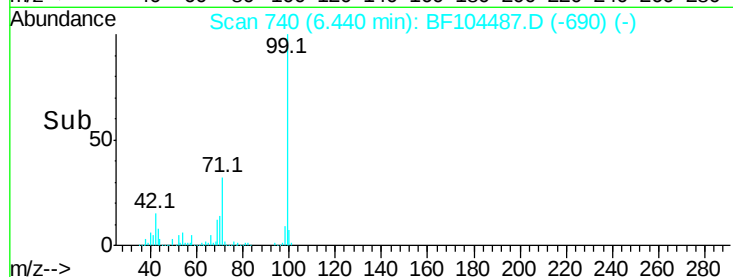
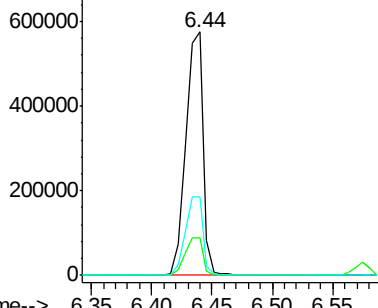
99 100

42 15.3 14.5 21.7

71 32.2 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: 5.974 ng

RT: 7.37 min Scan# 898

Delta R.T. 0.14 min

Lab File: BF104487.D

Acq: 13 Apr 2018 19:08

Tgt Ion: 70 Resp: 42534

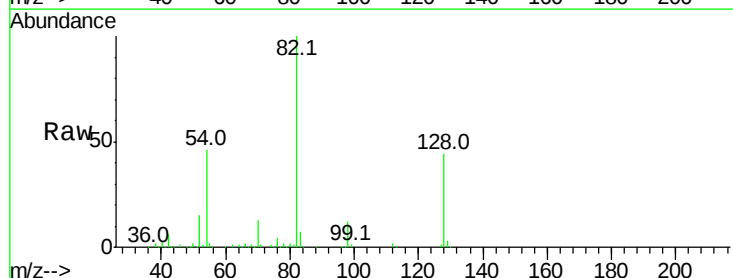
Ion Ratio Lower Upper

70 100

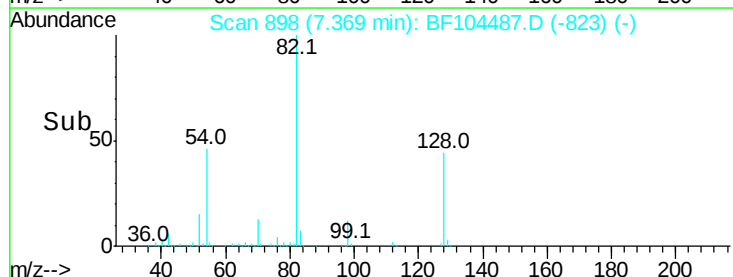
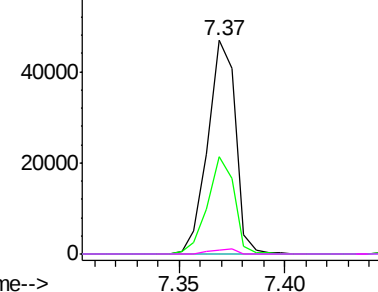
42 45.5 47.5 71.3#

101 0.0 7.4 11.2#

130 2.0 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. -0.01 min

Lab File: BF104487.D

Acq: 13 Apr 2018 19:08

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 541090

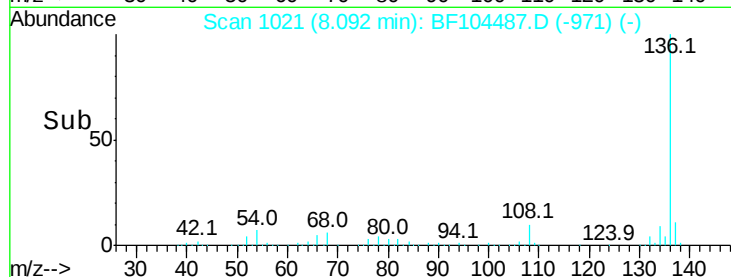
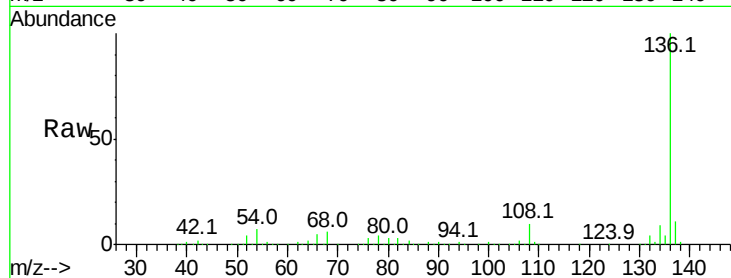
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 6.8 6.6 9.8

68 5.9 5.0 7.4

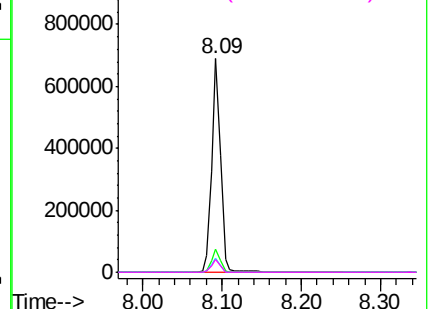


Abundance Ion 136.00 (135.70 to 136.70): E

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: 40.723 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.01 min

Lab File: BF104487.D

Acq: 13 Apr 2018 19:08

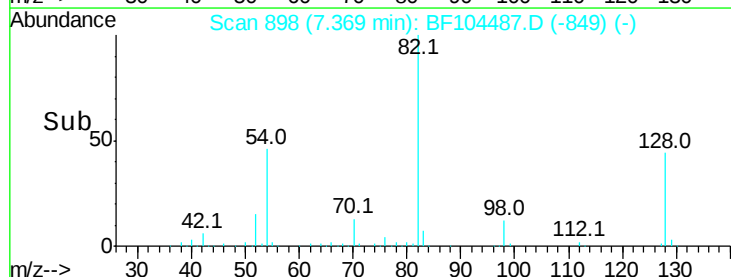
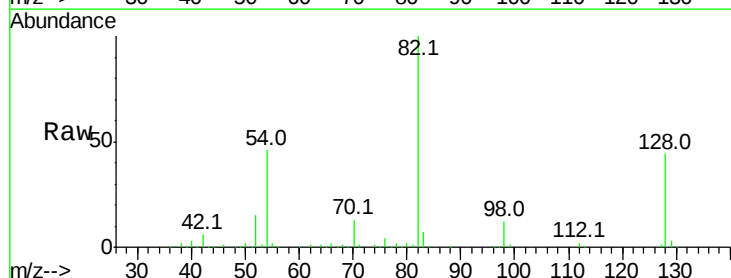
Tgt Ion: 82 Resp: 337451

Ion Ratio Lower Upper

82 100

128 44.1 36.1 54.1

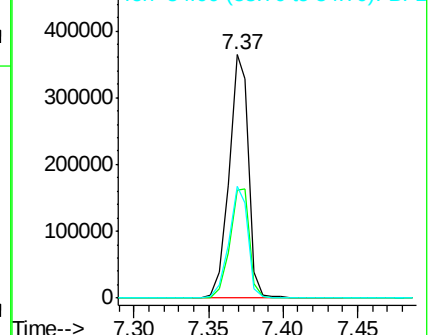
54 45.8 41.4 62.2

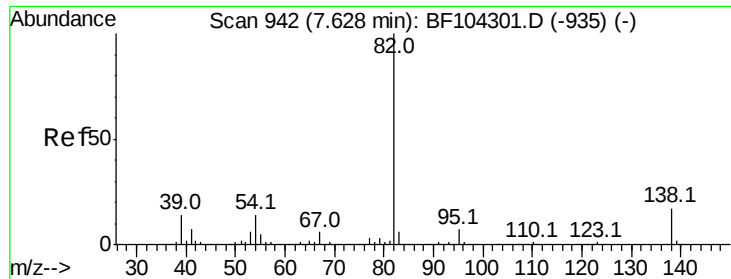


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 19.257 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.26 min

Lab File: BF104487.D

Acq: 13 Apr 2018 19:08

Instrument :

BNA_F

ClientSampleId :

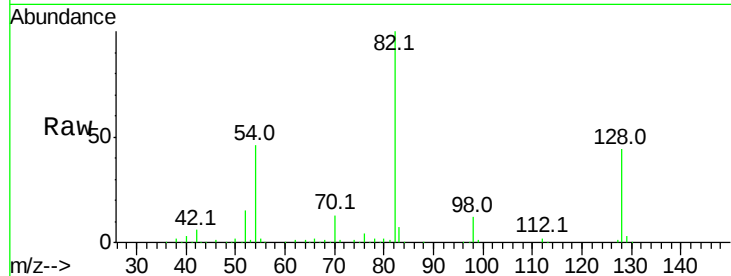
Tot Ion: 82 Resp: 337444

Ion Ratio Lower Upper

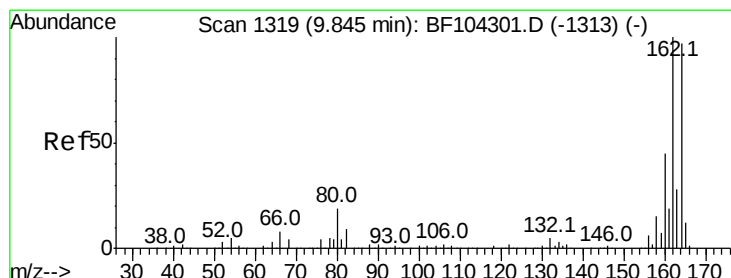
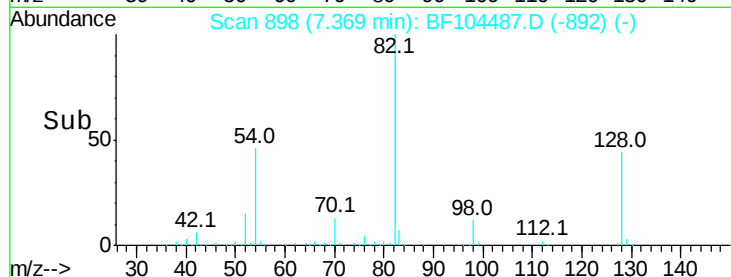
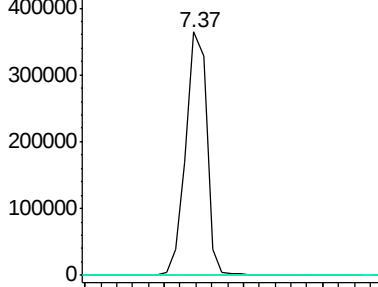
82 100

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. -0.01 min

Lab File: BF104487.D

Acq: 13 Apr 2018 19:08

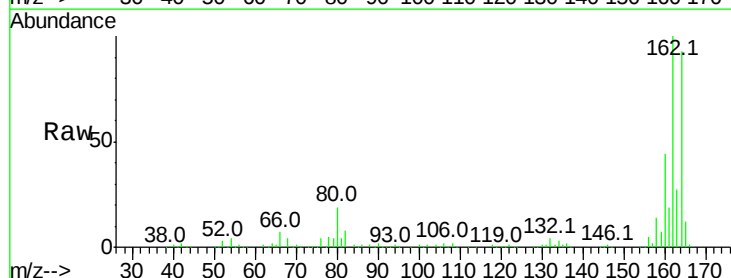
Tgt Ion: 164 Resp: 230413

Ion Ratio Lower Upper

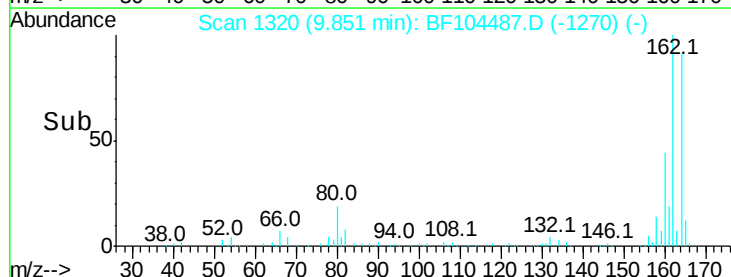
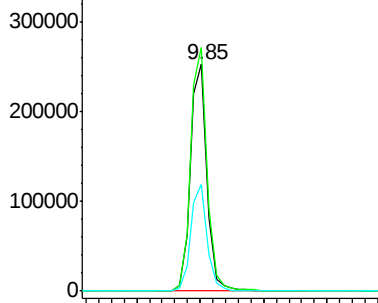
164 100

162 107.6 86.1 129.1

160 47.1 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

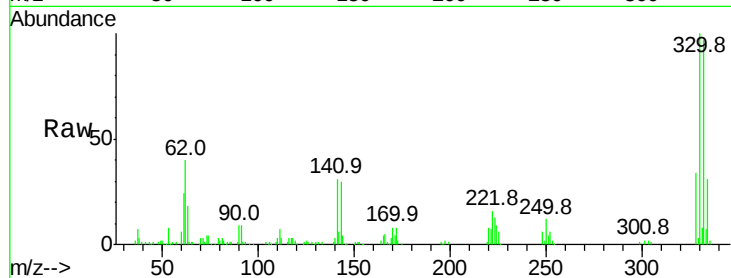




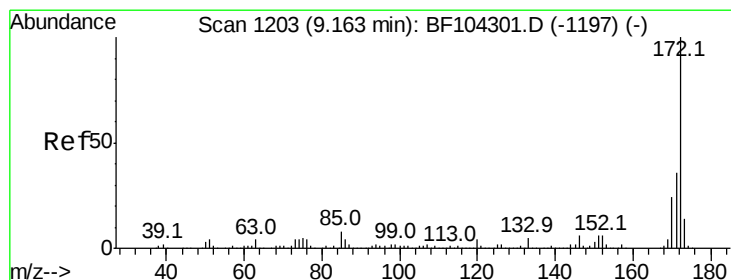
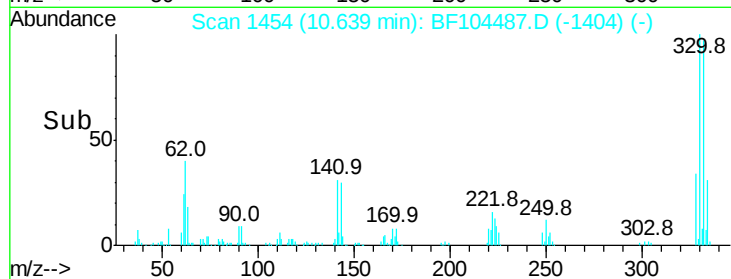
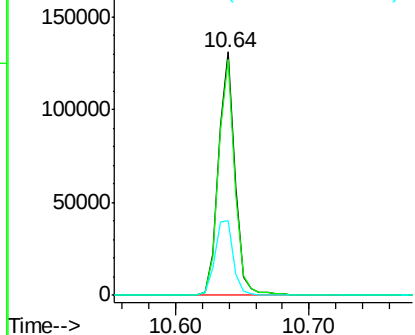
#41
 2,4,6-Tribromophenol
 Concen: 47.988 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.01 min
 Lab File: BF104487.D
 Acq: 13 Apr 2018 19:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.0	115.6
141	35.0	29.9	44.9

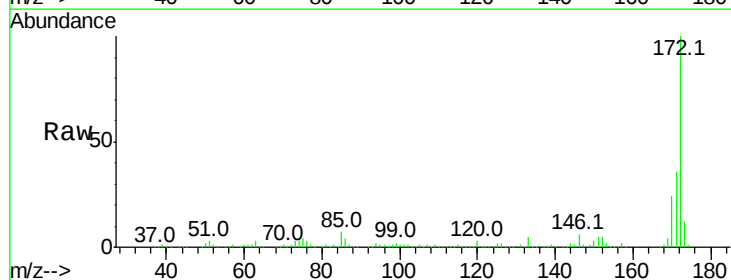


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

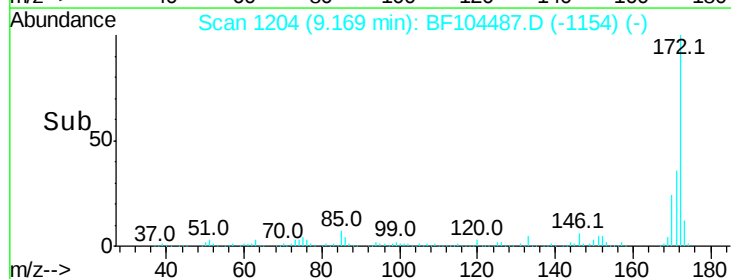
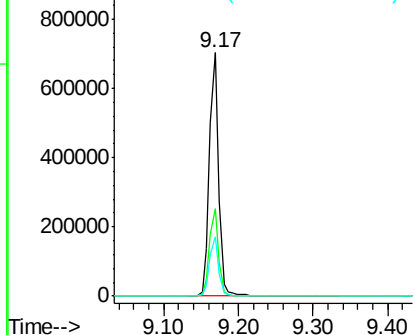


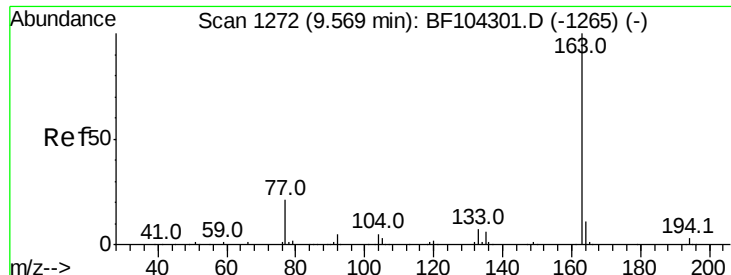
#44
 2-Fluorobiphenyl
 Concen: 41.697 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF104487.D
 Acq: 13 Apr 2018 19:08

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	24.1	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

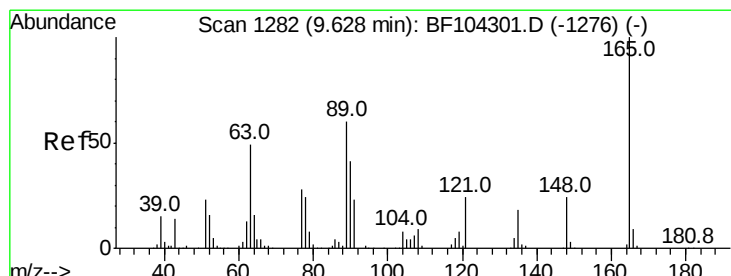
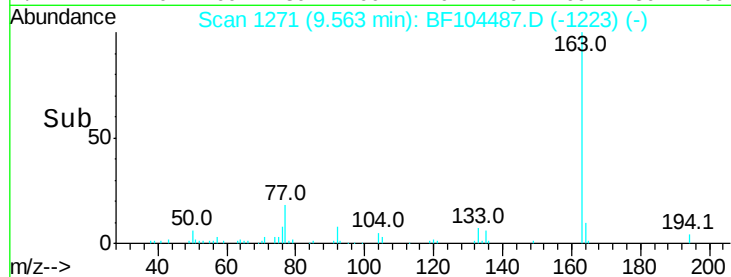
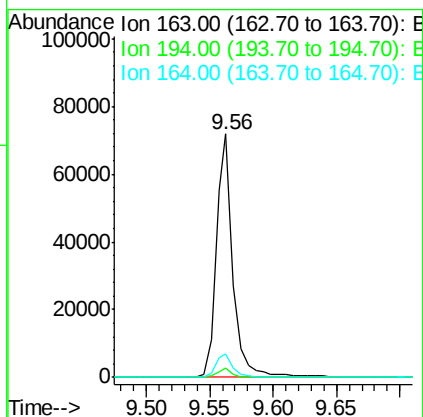
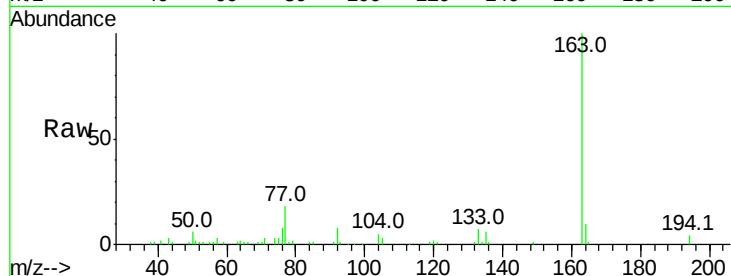




#49
Dimethylphthalate
Concen: 3.621 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.02 min
Lab File: BF104487.D
Acq: 13 Apr 2018 19:08

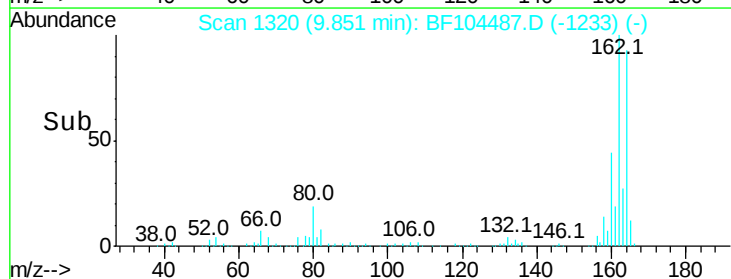
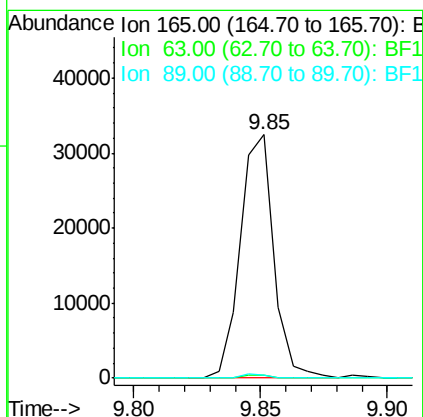
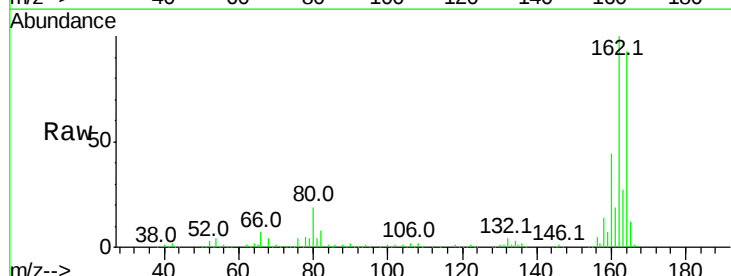
Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 65796
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 9.6 8.2 12.2



#50
2,6-Dinitrotoluene
Concen: 8.839 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.21 min
Lab File: BF104487.D
Acq: 13 Apr 2018 19:08

Tgt Ion:165 Resp: 29719
Ion Ratio Lower Upper
165 100
63 1.2 44.7 67.1#
89 1.2 44.0 66.0#

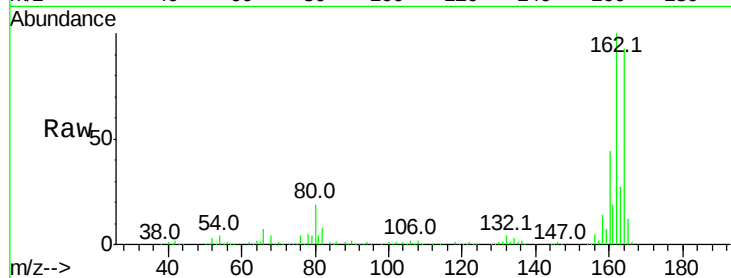




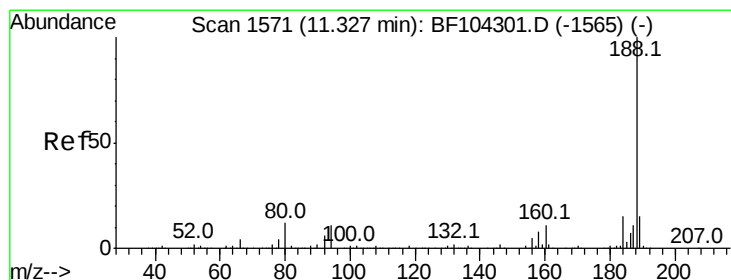
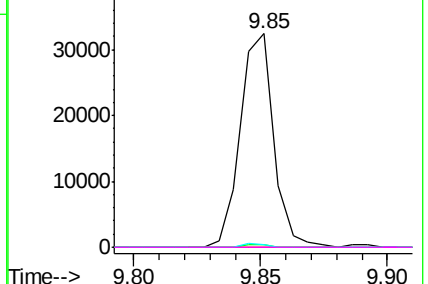
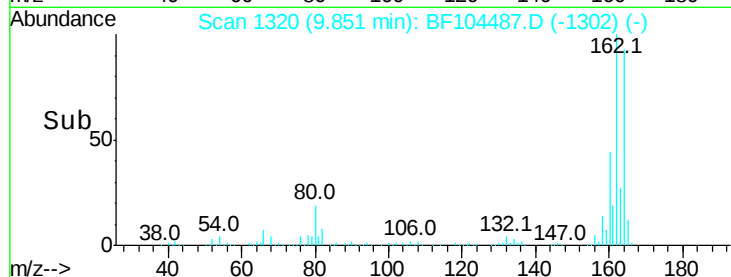
#56
 2,4-Dinitrotoluene
 Concen: 6.739 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.19 min
 Lab File: BF104487.D
 Acq: 13 Apr 2018 19:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 29719
 Ion Ratio Lower Upper
 165 100
 63 1.2 36.4 54.6#
 89 1.2 57.8 86.6#
 182 0.0 1.6 2.4#

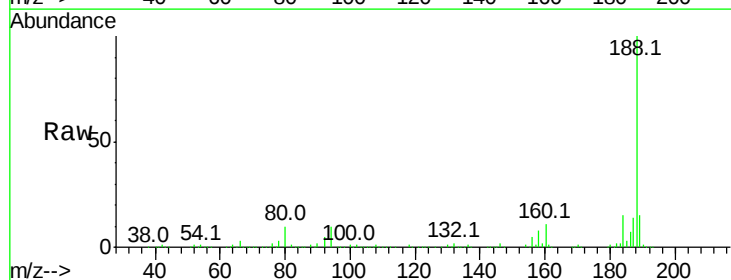


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

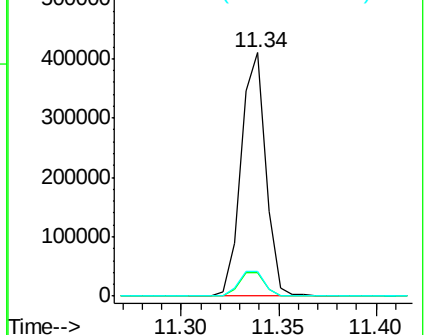
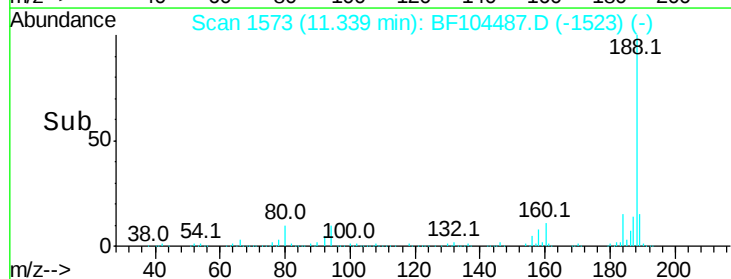


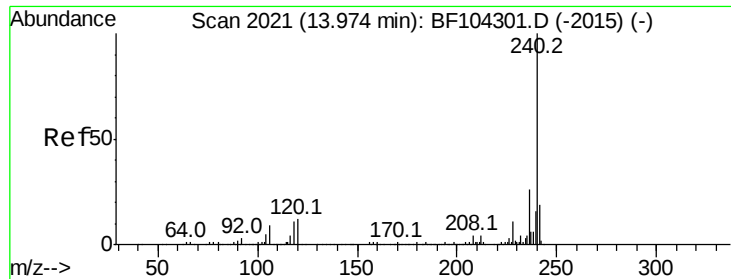
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.34 min Scan# 1573
 Delta R.T. -0.01 min
 Lab File: BF104487.D
 Acq: 13 Apr 2018 19:08

Tgt Ion:188 Resp: 359059
 Ion Ratio Lower Upper
 188 100
 94 9.7 8.5 12.7
 80 10.2 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

Chrvsene-d12

Concen: 20.000 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BF104487.D

Acq: 13 Apr 2018 19:08

Instrument :

BNA_F

ClientSampleId :

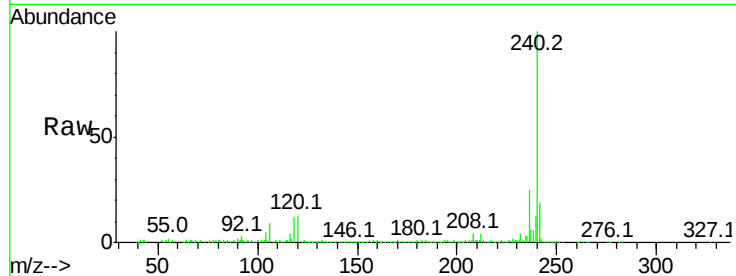
Tot Ion:240 Resp: 260355

Ion Ratio Lower Upper

240 100

120 13.4 9.5 14.3

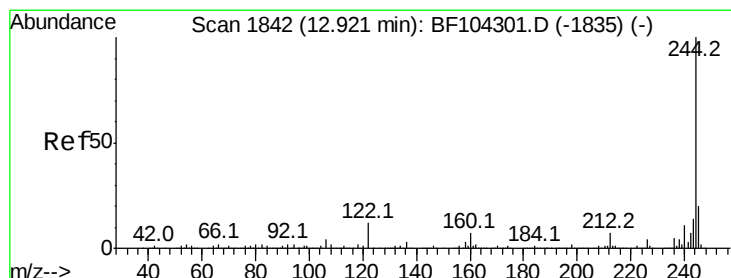
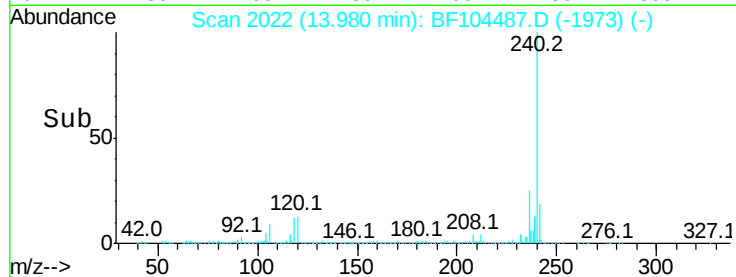
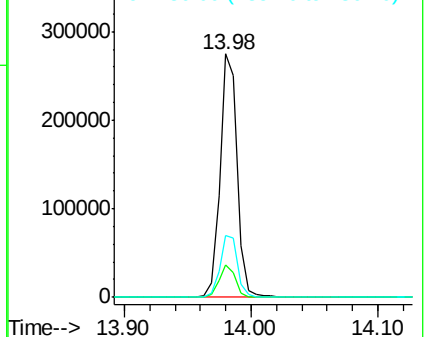
236 25.3 20.7 31.1



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: 39.147 ng

RT: 12.93 min Scan# 1843

Delta R.T. -0.01 min

Lab File: BF104487.D

Acq: 13 Apr 2018 19:08

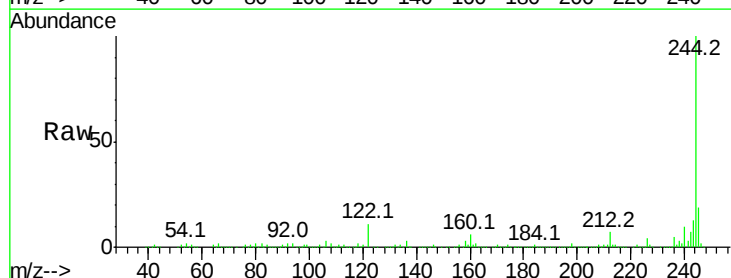
Tgt Ion:244 Resp: 447056

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

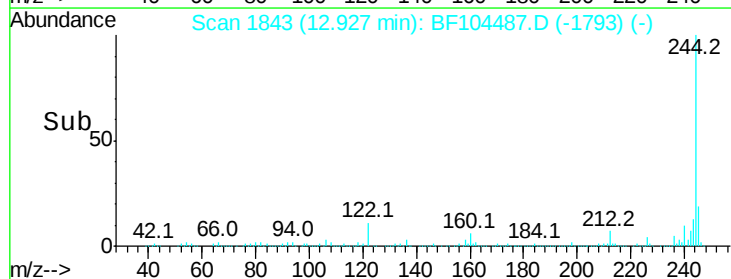
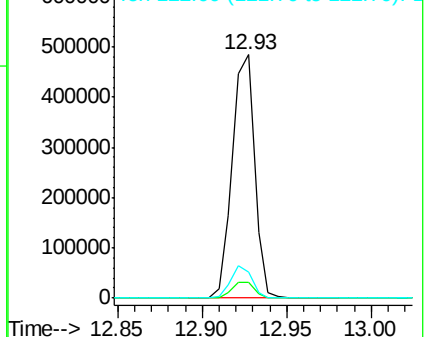
122 10.9 11.0 16.4#

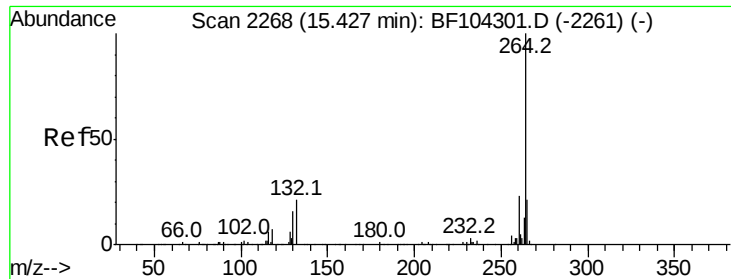


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BF104487.D
Acq: 13 Apr 2018 19:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	22.1	17.5	26.3

