

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041318\
 Data File : BF104505.D
 Acq On : 14 Apr 2018 5:17
 Operator : JU/SJ
 Sample : J2364-13
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 14 05:49:18 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

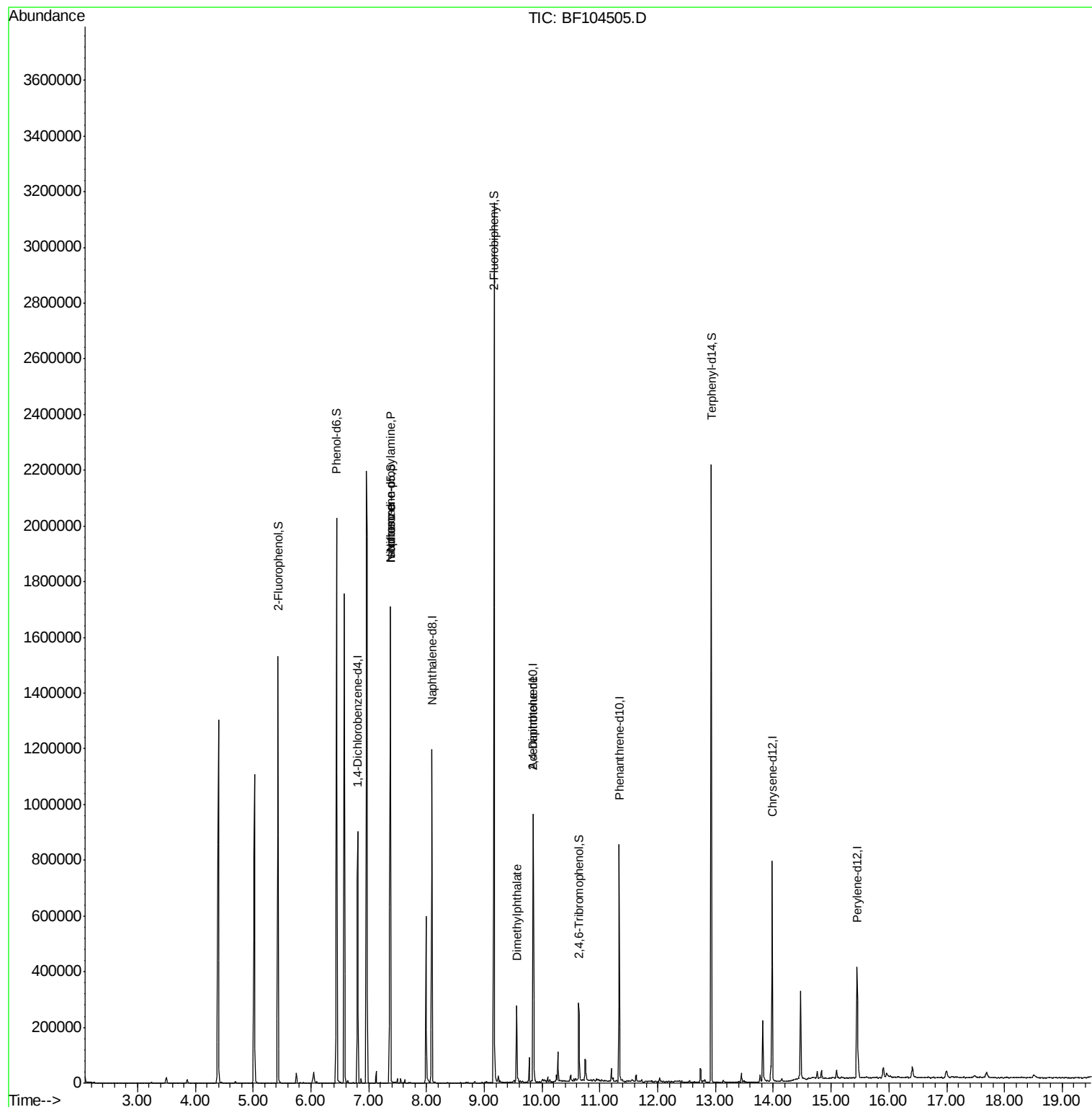
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	125926	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	496296	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	205074	20.00	ng	-0.01
63) Phenanthrene-d10	11.33	188	312739	20.00	ng	-0.01
75) Chrysene-d12	13.98	240	243149	20.00	ng	-0.01
86) Perylene-d12	15.45	264	177923	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	409558	49.73	ng	0.00
7) Phenol-d6	6.45	99	731013	72.24	ng	0.00
23) Nitrobenzene-d5	7.37	82	548906	72.22	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	34638	16.28	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	976808	75.25	ng	0.00
78) Terphenyl-d14	12.93	244	736226	69.03	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.37	70	72219	10.922	ng	# 74
25) Isophorone	7.37	82	548901	34.152	ng	# 64
49) Dimethylphthalate	9.56	163	115851	7.164	ng	100
56) 2,4-Dinitrotoluene	9.85	165	25897	6.598	ng	# 23
76) Benzidine	12.93	184	9566	Below Cal		# 94

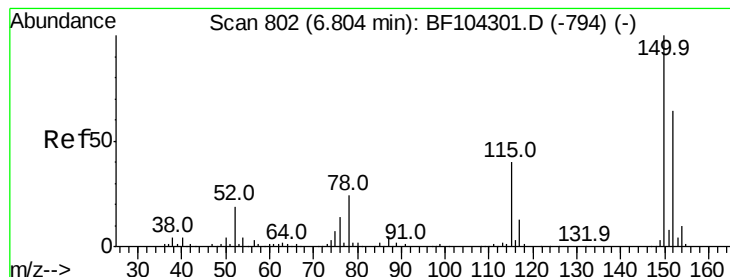
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF104505.D

Acq: 14 Apr 2018 5:17

Instrument :

BNA_F

ClientSampleId :

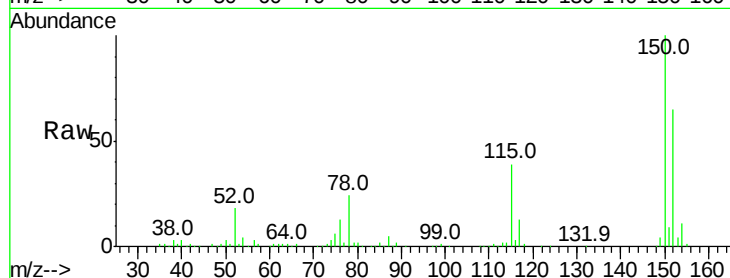
Tot Ion:152 Resp: 125926

Ion Ratio Lower Upper

152 100

150 153.9 124.6 186.8

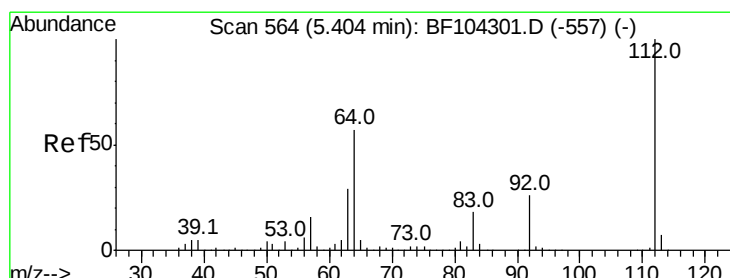
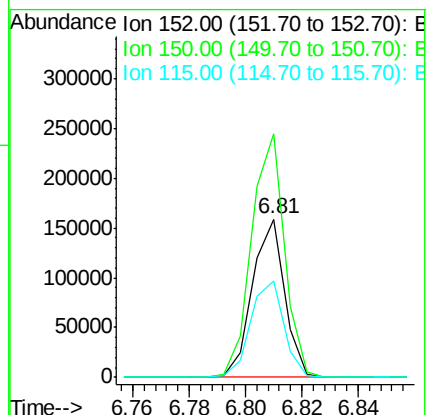
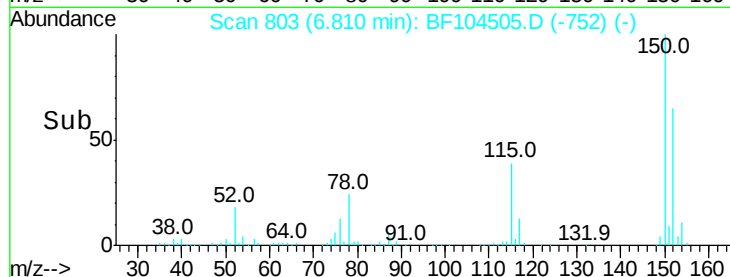
115 60.6 50.1 75.1



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: 49.731 ng

RT: 5.43 min Scan# 568

Delta R.T. 0.01 min

Lab File: BF104505.D

Acq: 14 Apr 2018 5:17

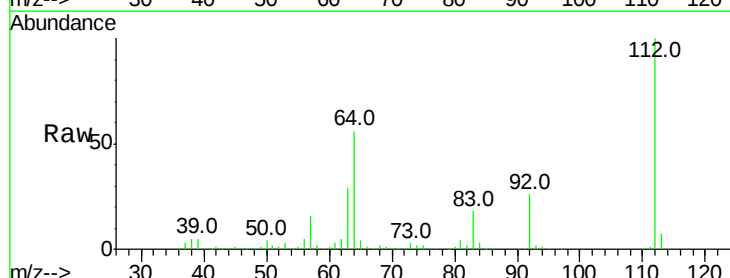
Tgt Ion:112 Resp: 409558

Ion Ratio Lower Upper

112 100

64 55.9 47.9 71.9

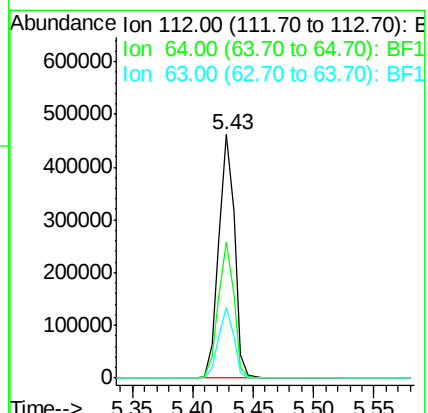
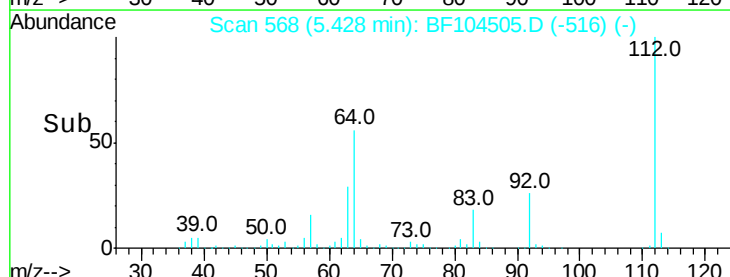
63 29.2 23.7 35.5



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: 72.243 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF104505.D

Acq: 14 Apr 2018 5:17

Instrument :

BNA_F

ClientSampled :

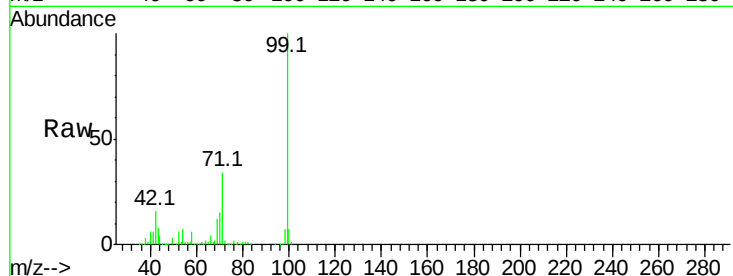
Tot Ion: 99 Resp: 731013

Ion Ratio Lower Upper

99 100

42 16.4 14.5 21.7

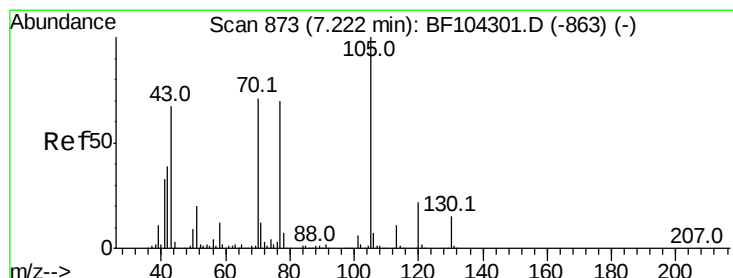
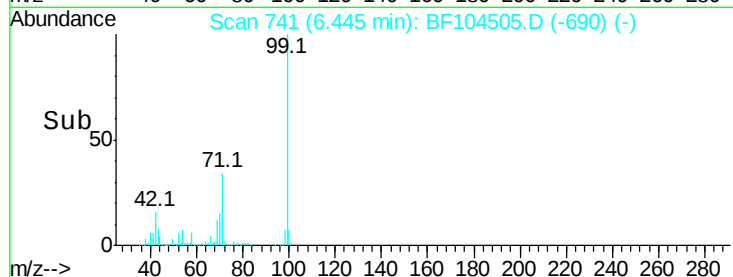
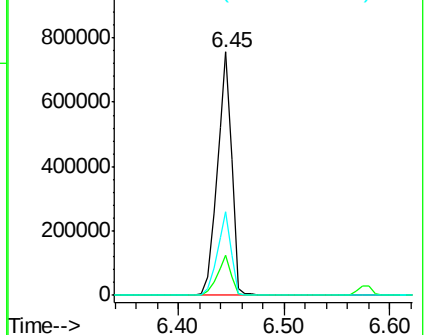
71 34.2 25.4 38.0



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: 10.922 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.15 min

Lab File: BF104505.D

Acq: 14 Apr 2018 5:17

Tgt Ion: 70 Resp: 72219

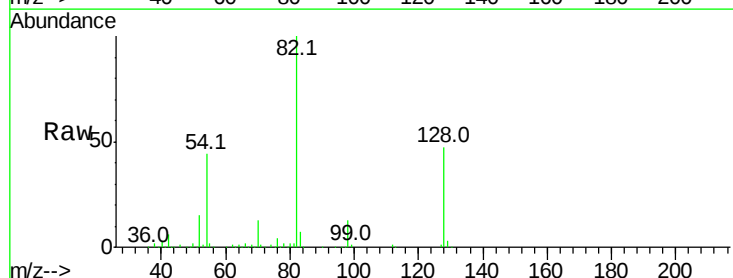
Ion Ratio Lower Upper

70 100

42 43.0 47.5 71.3#

101 0.0 7.4 11.2#

130 2.2 16.6 25.0#

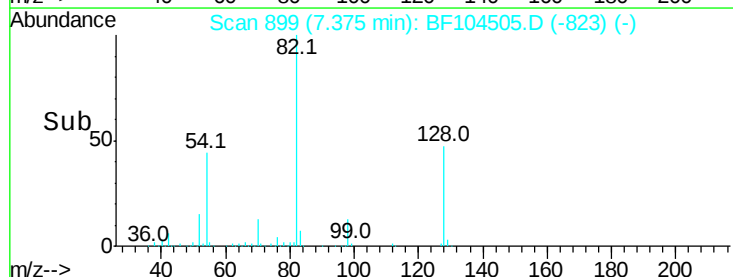
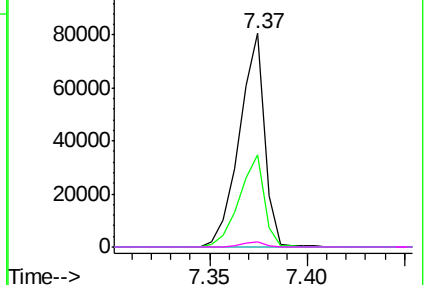


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: BF104505.D

Acq: 14 Apr 2018 5:17

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 496296

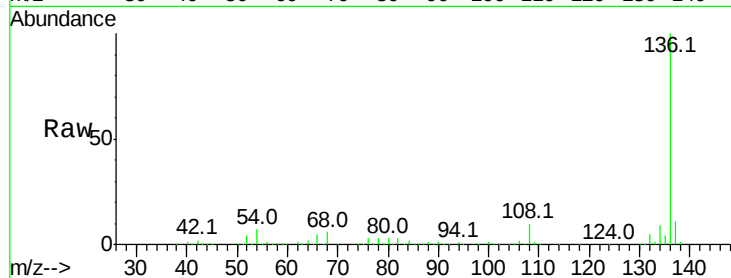
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 6.8 6.6 9.8

68 5.9 5.0 7.4

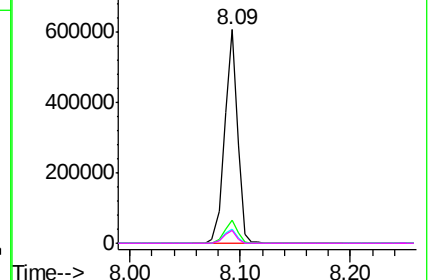
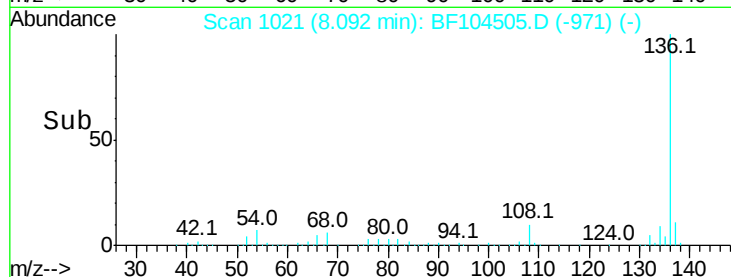


Abundance Ion 136.00 (135.70 to 136.70): E

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: 72.220 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.01 min

Lab File: BF104505.D

Acq: 14 Apr 2018 5:17

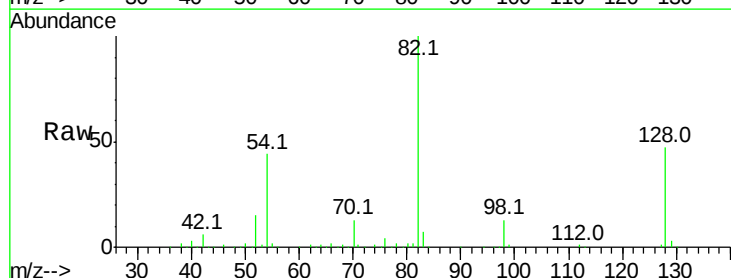
Tgt Ion: 82 Resp: 548906

Ion Ratio Lower Upper

82 100

128 46.9 36.1 54.1

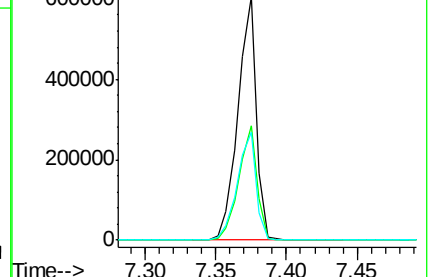
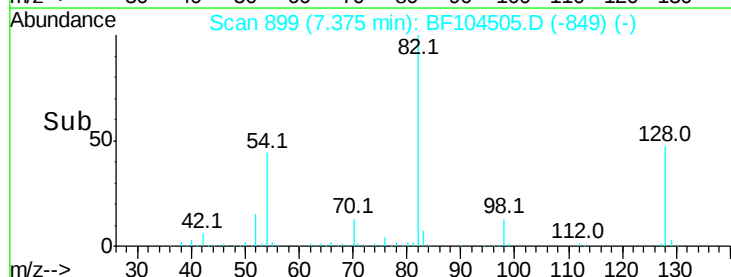
54 44.2 41.4 62.2



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: 34.152 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.26 min

Lab File: BF104505.D

Acq: 14 Apr 2018 5:17

Instrument :

BNA_F

ClientSampleId :

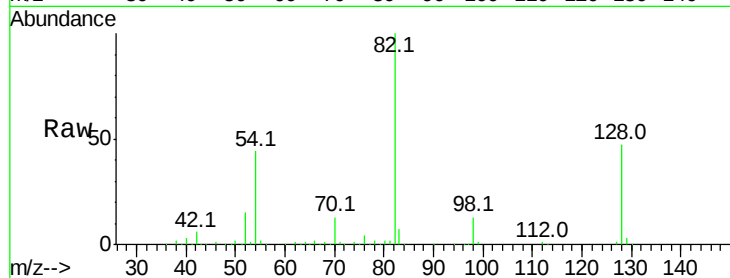
Tot Ion: 82 Resp: 548901

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

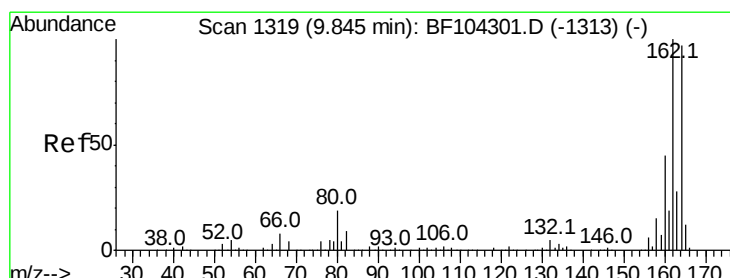
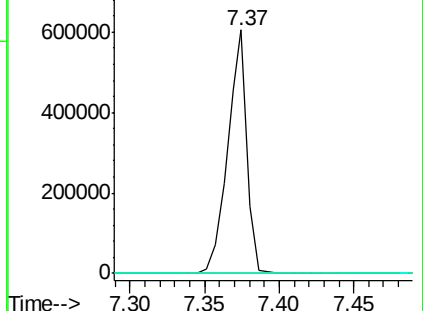
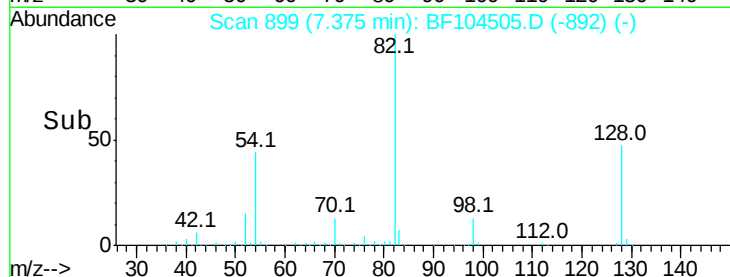
138 0.0 14.9 22.3#



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# 1319

Delta R.T. -0.01 min

Lab File: BF104505.D

Acq: 14 Apr 2018 5:17

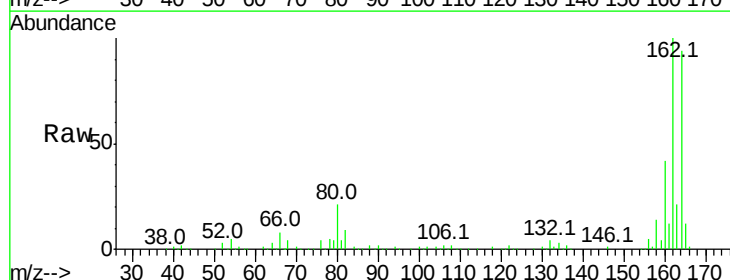
Tgt Ion:164 Resp: 205074

Ion Ratio Lower Upper

164 100

162 106.0 86.1 129.1

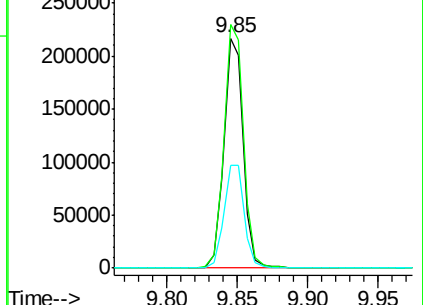
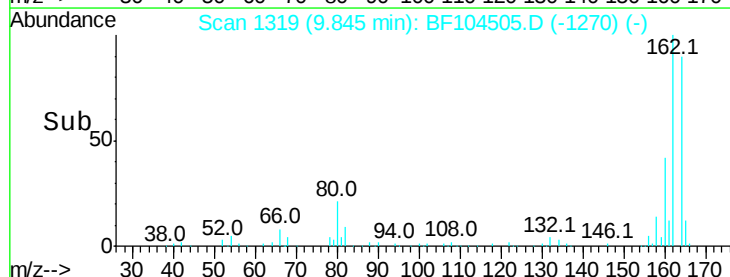
160 44.6 38.3 57.5



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

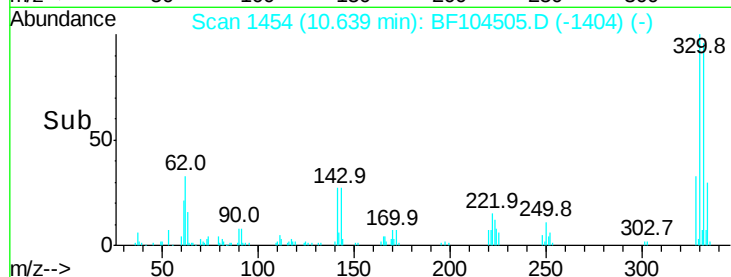
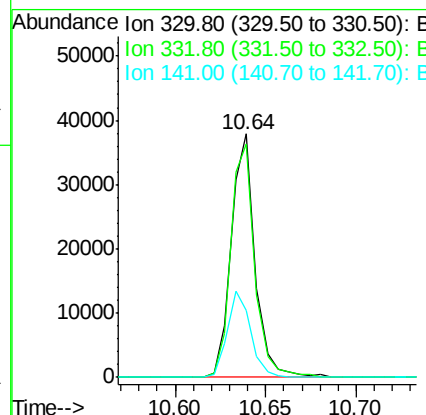
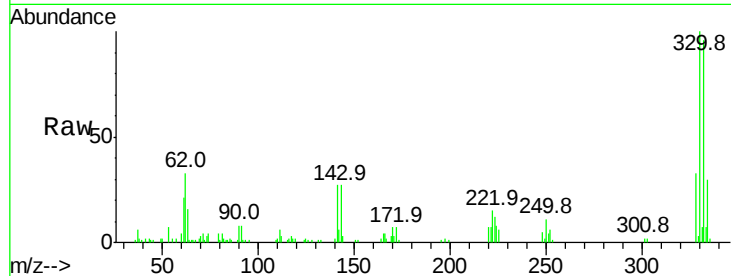




#41
 2,4,6-Tribromophenol
 Concen: 16.283 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.01 min
 Lab File: BF104505.D
 Acq: 14 Apr 2018 5:17

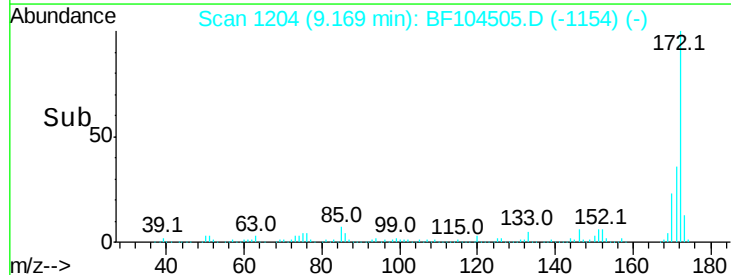
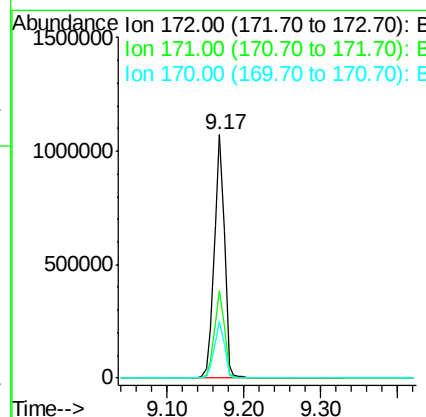
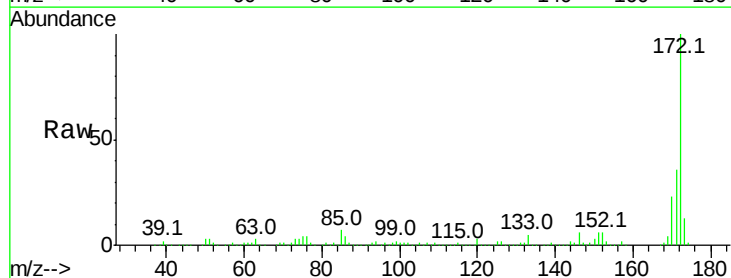
Instrument :
 BNA_F
 ClientSampled :

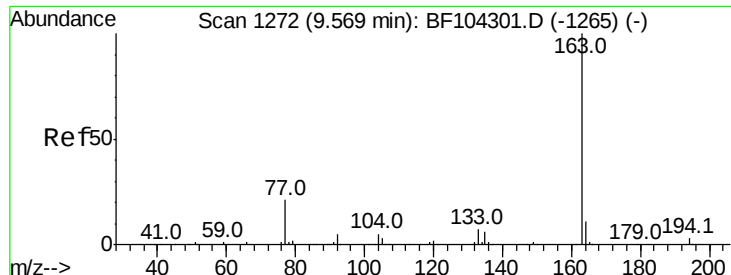
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.0	115.6
141	34.6	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 75.247 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF104505.D
 Acq: 14 Apr 2018 5:17

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	23.5	19.6	29.4

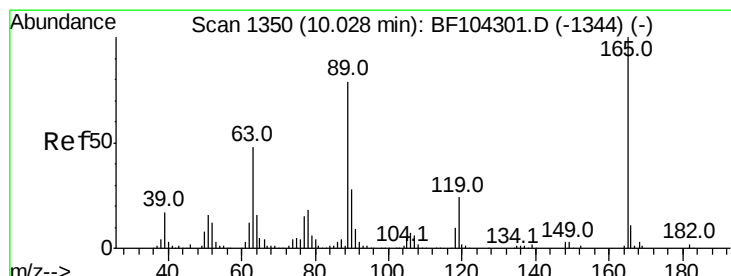
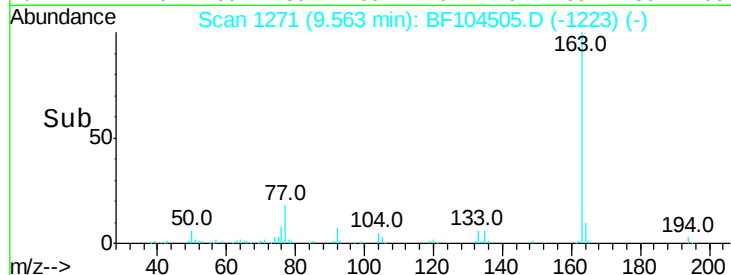
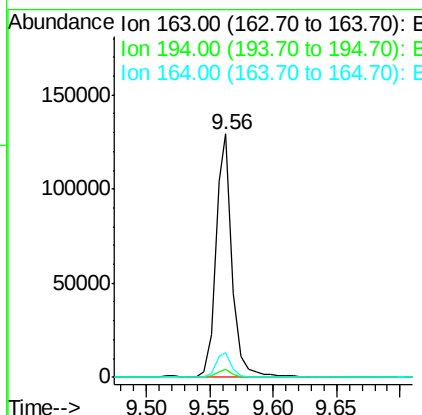
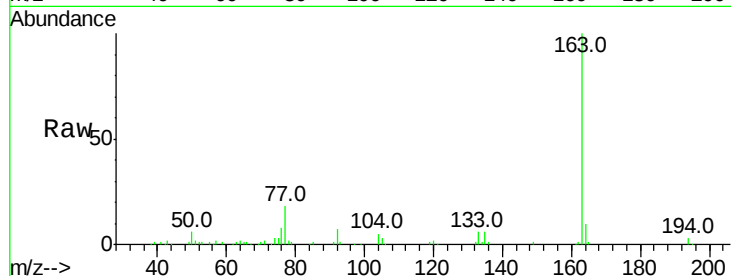




#49
 Dimethylphthalate
 Concen: 7.164 ng
 RT: 9.56 min Scan# 1271
 Delta R.T. -0.02 min
 Lab File: BF104505.D
 Acq: 14 Apr 2018 5:17

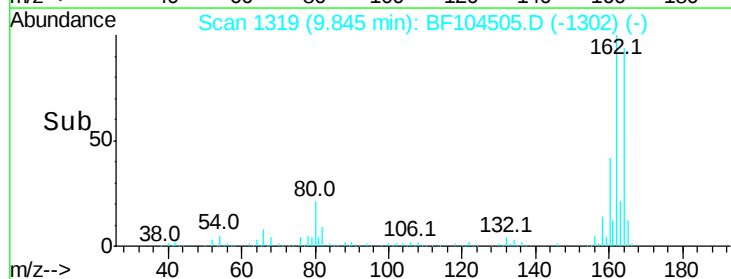
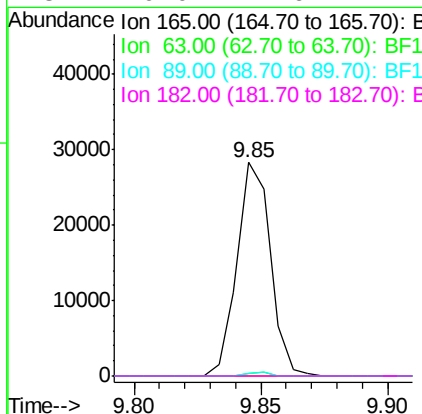
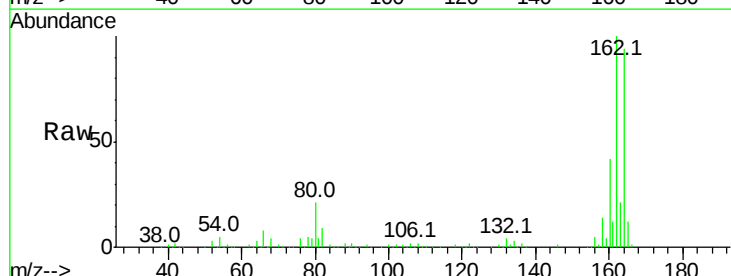
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	163	Resp:	115851
Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	10.0	8.2	12.2



#56
 2,4-Dinitrotoluene
 Concen: 6.598 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.20 min
 Lab File: BF104505.D
 Acq: 14 Apr 2018 5:17

Tgt Ion:	165	Resp:	25897
Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.4	54.6#
89	1.4	57.8	86.6#
182	0.0	1.6	2.4#

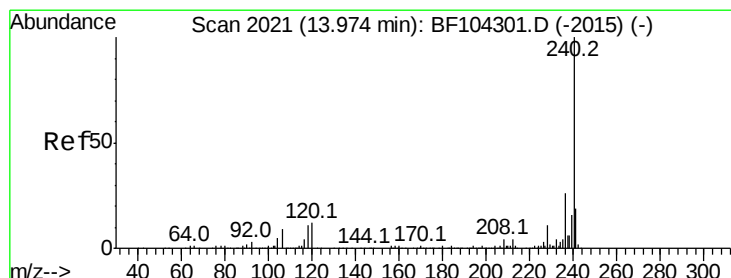
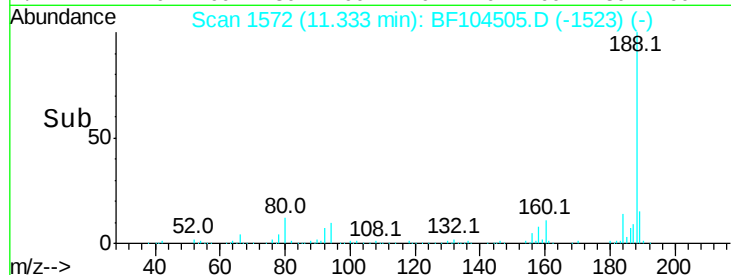
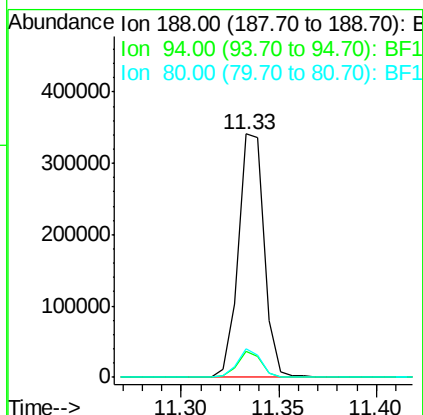
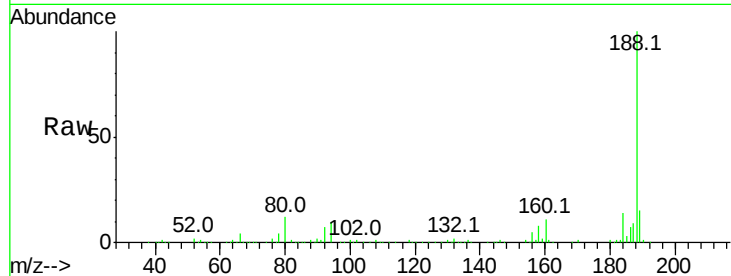




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF104505.D
Acq: 14 Apr 2018 5:17

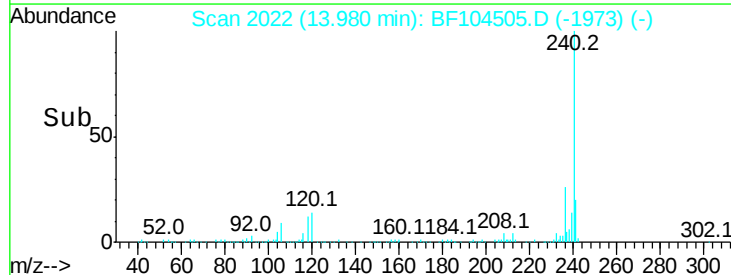
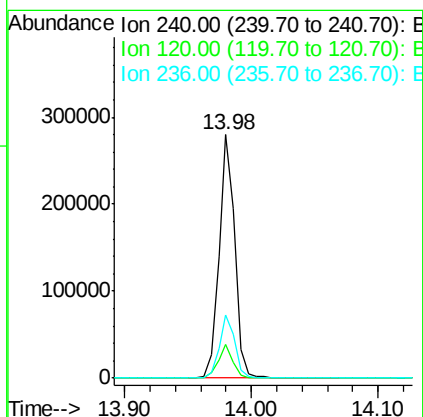
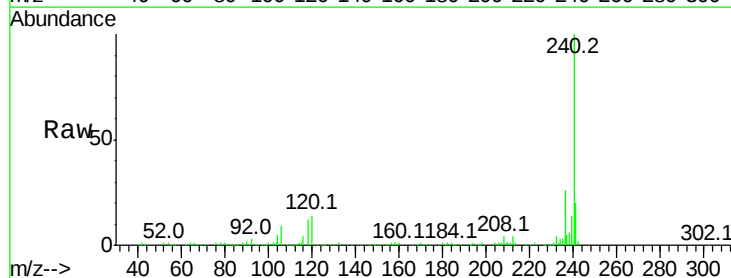
Instrument :
BNA_F
ClientSampleId :

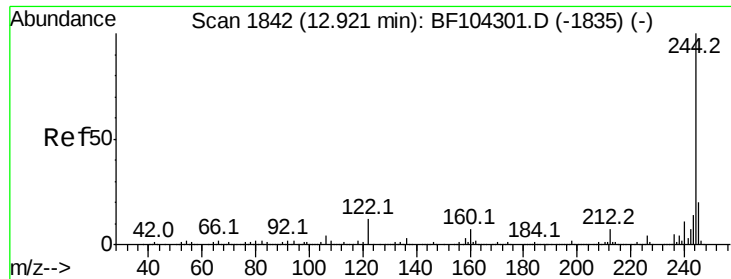
Tot Ion:188 Resp: 312739
Ion Ratio Lower Upper
188 100
94 10.5 8.5 12.7
80 11.6 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF104505.D
Acq: 14 Apr 2018 5:17

Tgt Ion:240 Resp: 243149
Ion Ratio Lower Upper
240 100
120 13.6 9.5 14.3
236 25.8 20.7 31.1





#78

Terphenyl-d14

Concen: 69.030 ng

RT: 12.93 min Scan# 1843

Delta R.T. -0.01 min

Lab File: BF104505.D

Acq: 14 Apr 2018 5:17

Instrument :

BNA_F

ClientSampled :

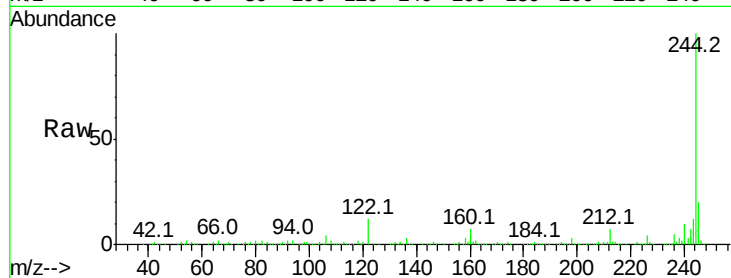
Tot Ion:244 Resp: 736226

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

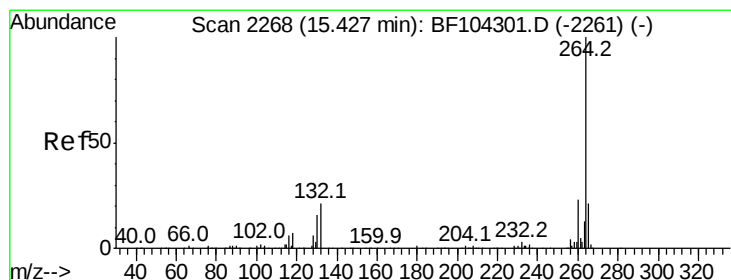
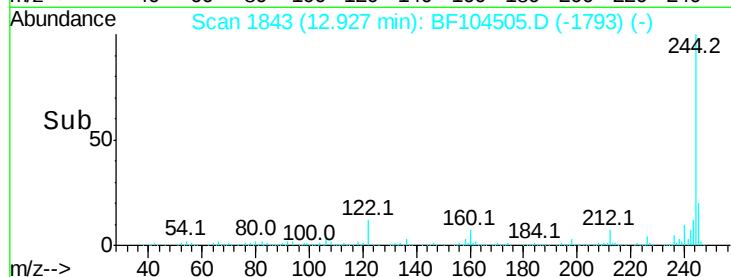
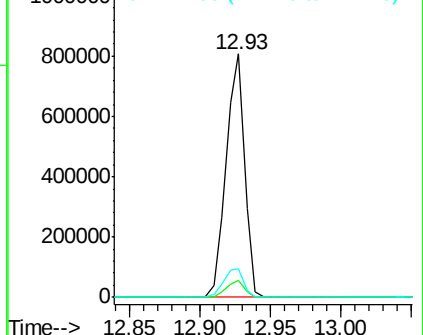
122 11.7 11.0 16.4



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

Perylene-d12

Concen: 20.000 ng

RT: 15.45 min Scan# 2272

Delta R.T. -0.01 min

Lab File: BF104505.D

Acq: 14 Apr 2018 5:17

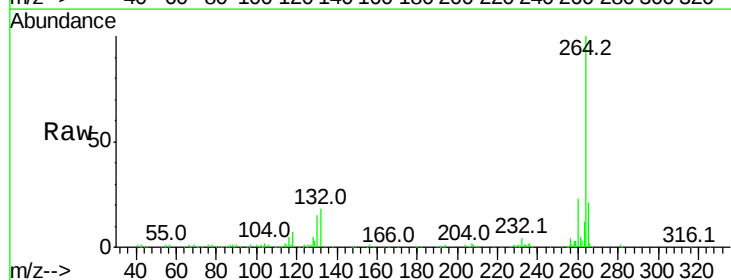
Tgt Ion:264 Resp: 177923

Ion Ratio Lower Upper

264 100

260 23.3 19.2 28.8

265 21.2 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

