

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040918\
 Data File : BF104387.D
 Acq On : 9 Apr 2018 22:47
 Operator : JU/SJ
 Sample : J2278-04 100X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-1-5-4-12-14-15-17

Quant Time: Apr 10 03:22:20 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 06 16:44:53 2018
 Response via : Initial Calibration

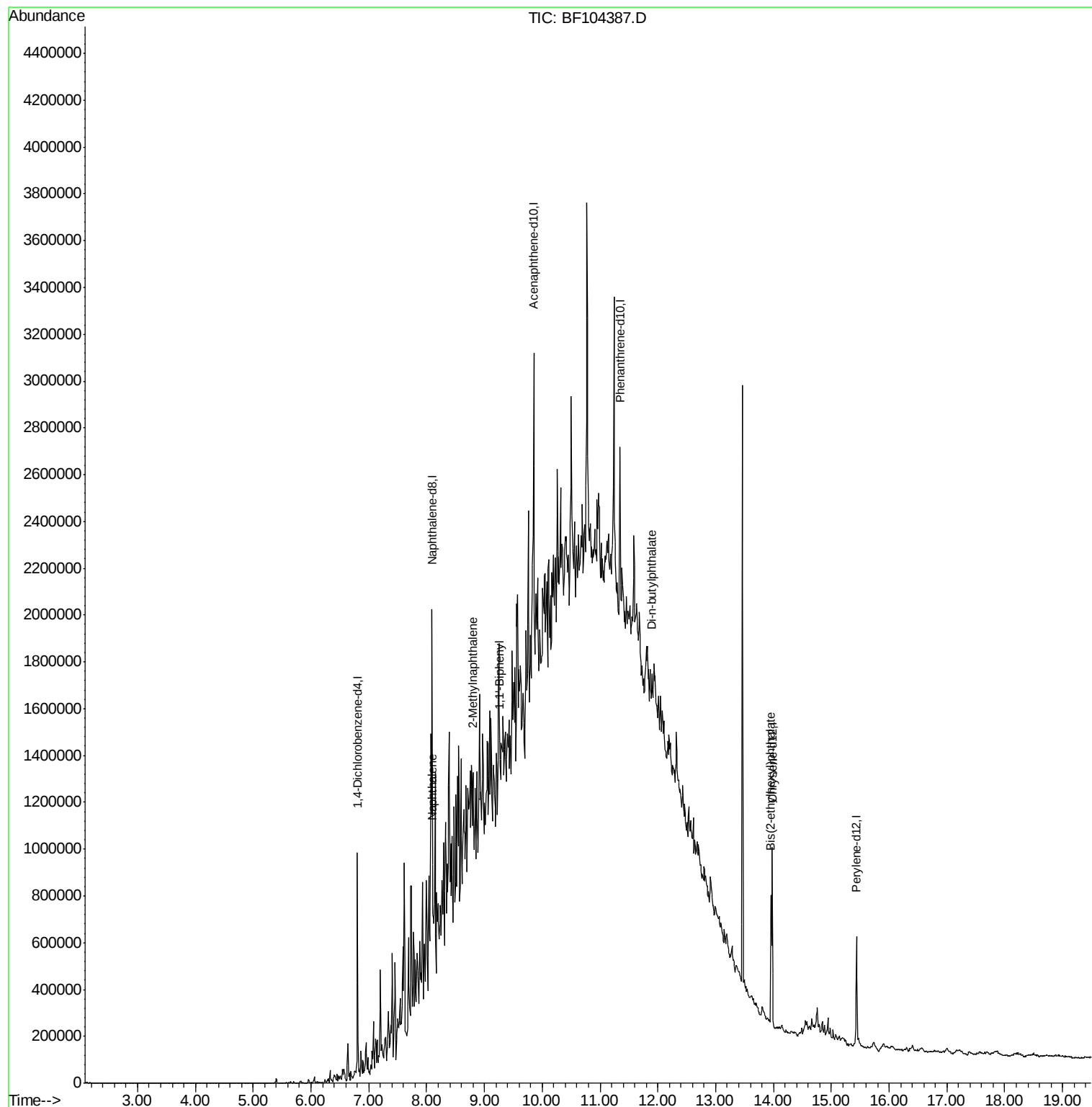
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	128136	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	474831	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	171867	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	254258	20.00	ng	0.01
75) Chrysene-d12	13.98	240	256456	20.00	ng	0.00
86) Perylene-d12	15.44	264	194349	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	5833	0.70	ng	0.00
7) Phenol-d6	6.42	99	6928	0.67	ng	-0.01
23) Nitrobenzene-d5	7.36	82	8042	1.11	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	882	0.49	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	9577	0.88	ng	0.00
78) Terphenyl-d14	12.92	244	7060	0.63	ng	0.00
Target Compounds						
31) Naphthalene	8.11	128	53560	2.265	ng	Qvalue # 93
37) 2-Methylnaphthalene	8.80	142	68230	4.461	ng	99
45) 1,1'-Biphenyl	9.27	154	33740	2.337	ng	99
73) Di-n-butylphthalate	11.90	149	37909	2.206	ng	# 86
83) Bis(2-ethylhexyl)phthalate	13.96	149	146925	12.755	ng	100

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

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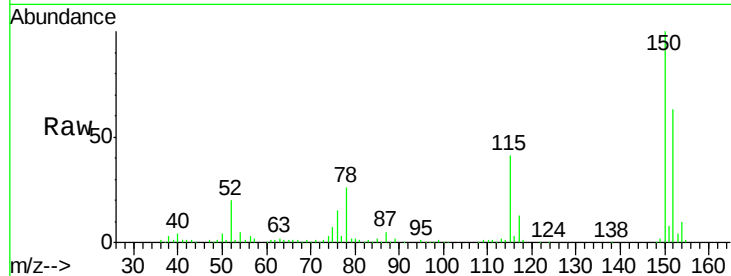


#1

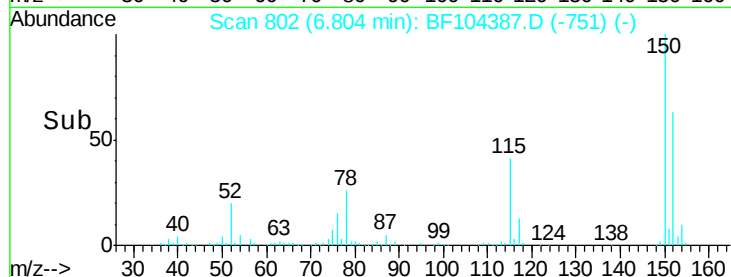
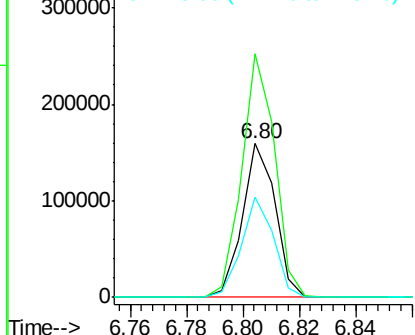
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF104387.D
Acq: 9 Apr 2018 22:47

Instrument :
BNA_F
ClientSampleId :
DRUM-1-5-4-12-14-15-17

Tot Ion:152 Resp: 128136
Ion Ratio Lower Upper
152 100
150 158.2 124.6 186.8
115 65.3 50.1 75.1



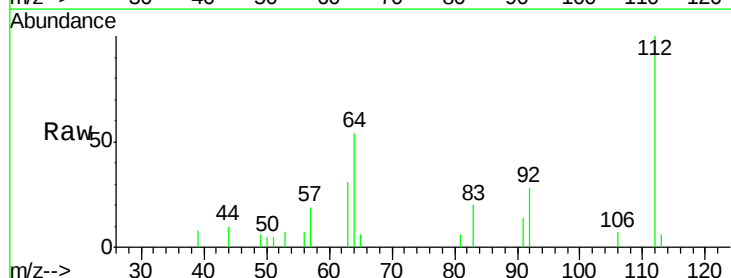
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



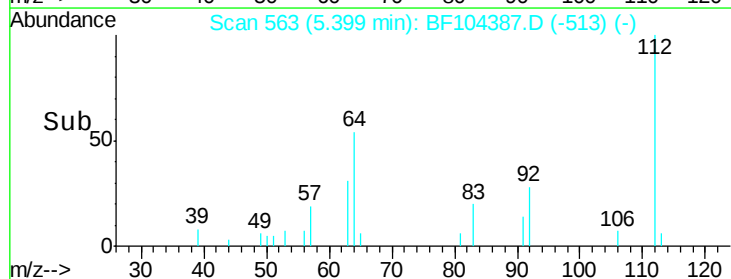
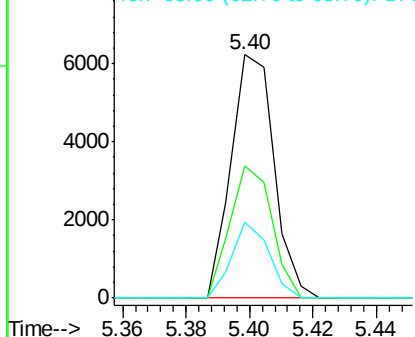
#5

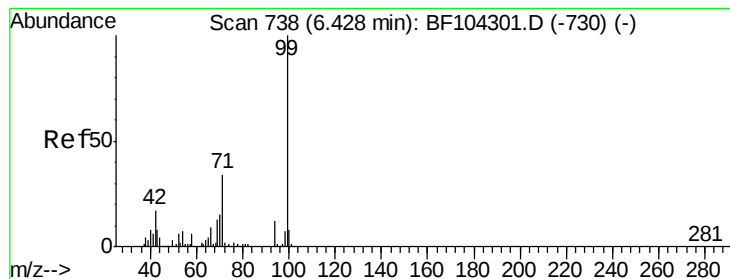
2-Fluorophenol
Concen: 0.696 ng
RT: 5.40 min Scan# 563
Delta R.T. -0.01 min
Lab File: BF104387.D
Acq: 9 Apr 2018 22:47

Tgt Ion:112 Resp: 5833
Ion Ratio Lower Upper
112 100
64 54.5 47.9 71.9
63 31.3 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: 0.673 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF104387.D

Acq: 9 Apr 2018 22:47

Instrument :

BNA_F

ClientSampleId :

DRUM-1-5-4-12-14-15-17

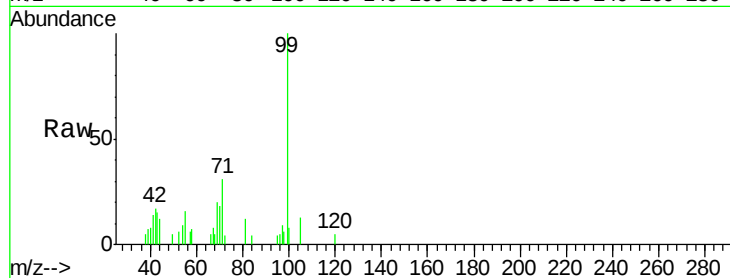
Tot Ion: 99 Resp: 6928

Ion Ratio Lower Upper

99 100

42 17.2 14.5 21.7

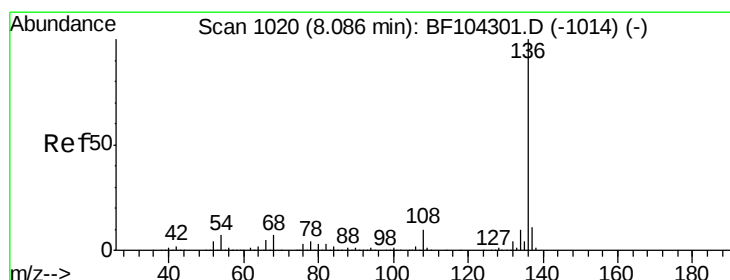
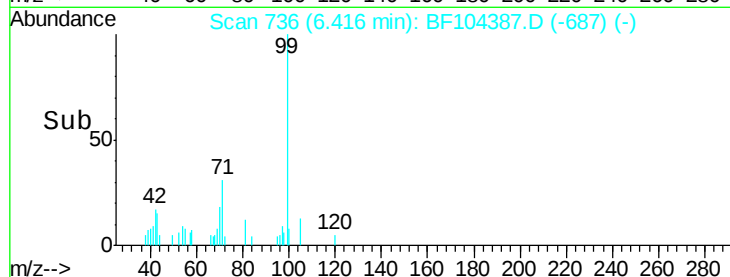
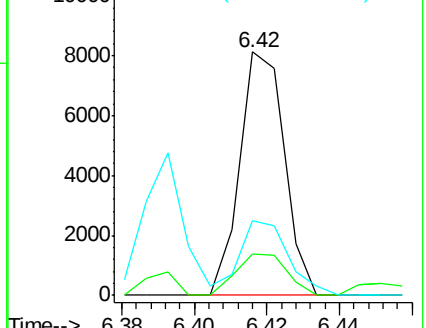
71 30.9 25.4 38.0



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1021

Delta R.T. 0.01 min

Lab File: BF104387.D

Acq: 9 Apr 2018 22:47

Tgt Ion: 136 Resp: 474831

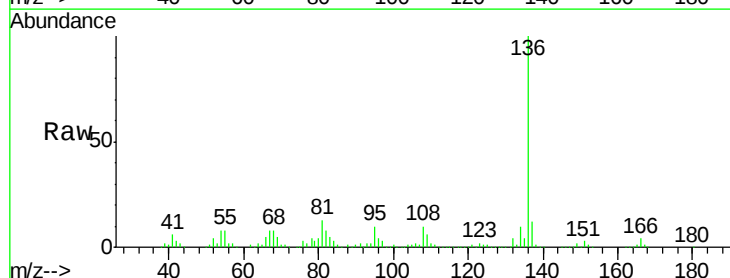
Ion Ratio Lower Upper

136 100

137 11.7 8.9 13.3

54 8.3 6.6 9.8

68 8.1 5.0 7.4#

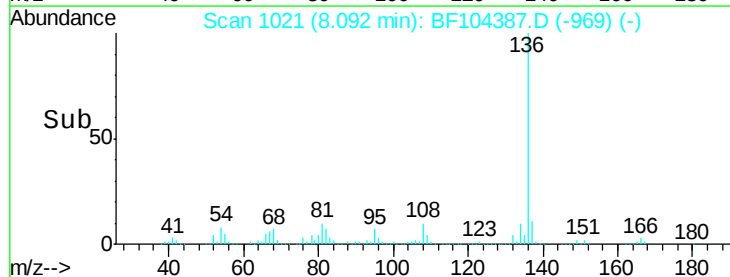
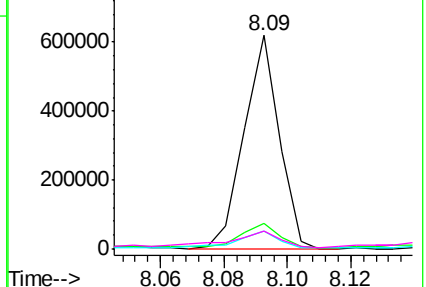


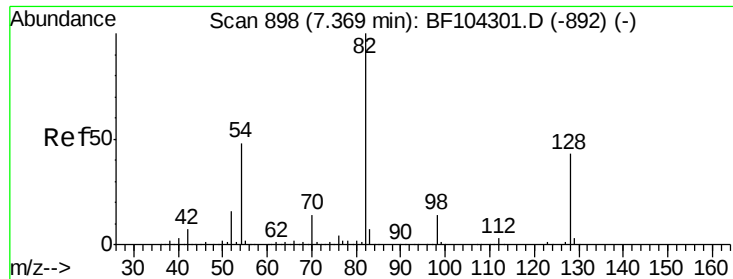
Abundance Ion 136.00 (135.70 to 136.70): E

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

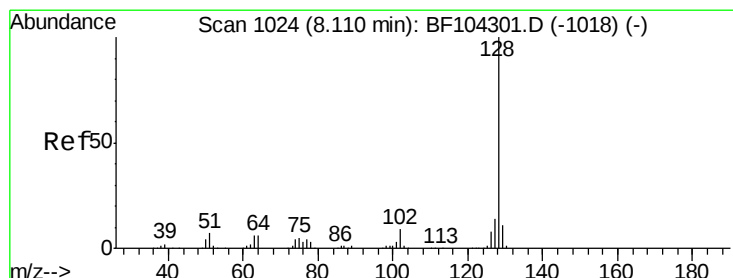
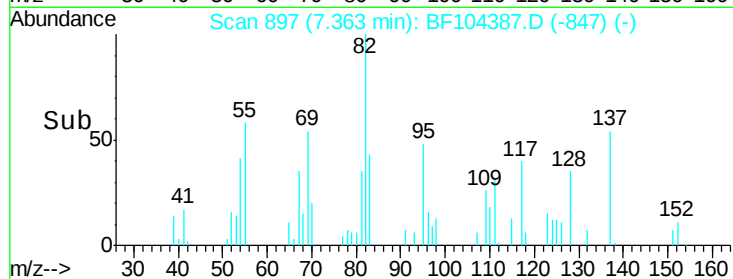
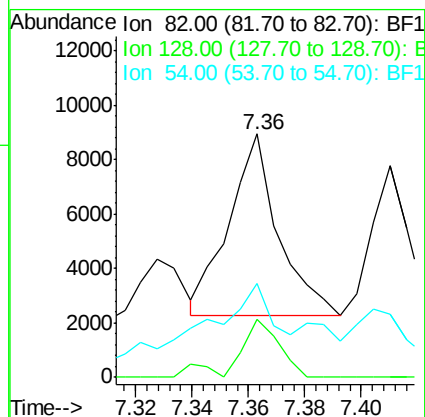
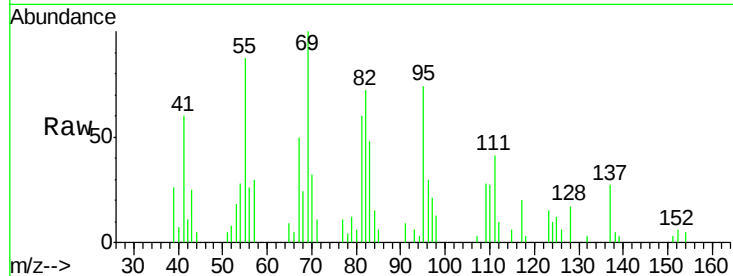




#23
Nitrobenzene-d5
Concen: 1.106 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF104387.D
Acq: 9 Apr 2018 22:47

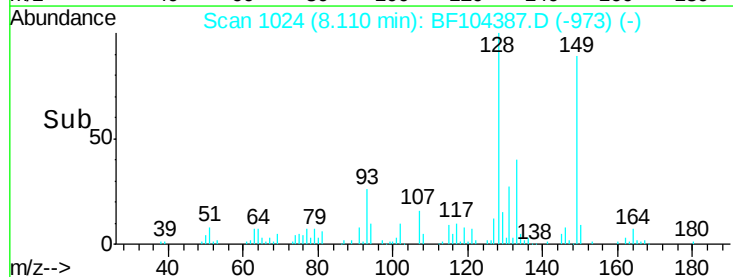
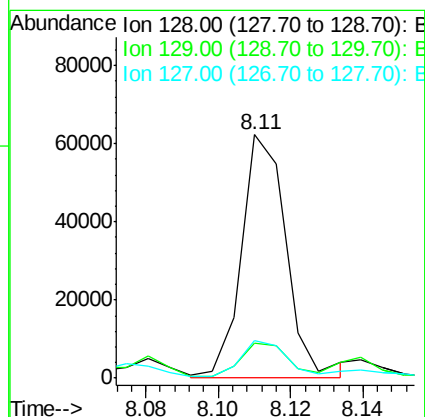
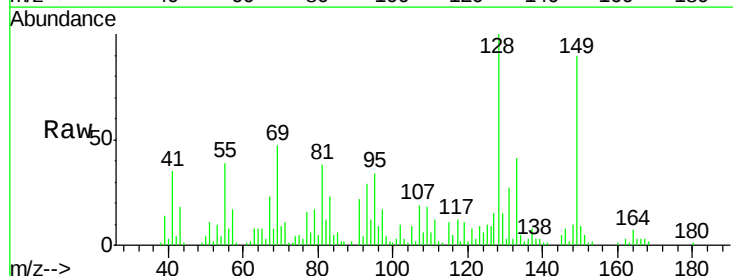
Instrument :
BNA_F
ClientSampleId :
DRUM-1-5-4-12-14-15-17

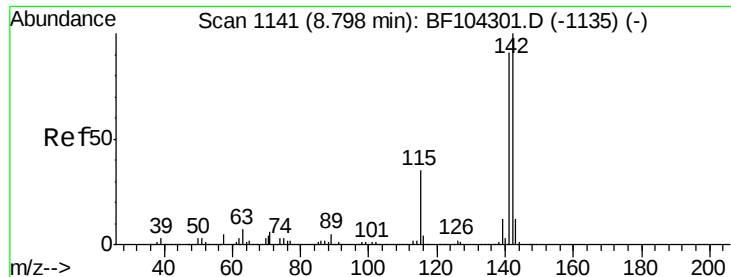
Tot Ion: 82 Resp: 8042
Ion Ratio Lower Upper
82 100
128 23.9 36.1 54.1#
54 38.8 41.4 62.2#



#31
Naphthalene
Concen: 2.265 ng
RT: 8.11 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BF104387.D
Acq: 9 Apr 2018 22:47

Tgt Ion: 128 Resp: 53560
Ion Ratio Lower Upper
128 100
129 14.5 8.8 13.2#
127 15.3 10.9 16.3

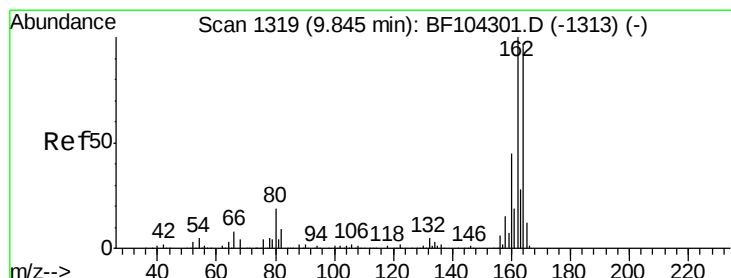
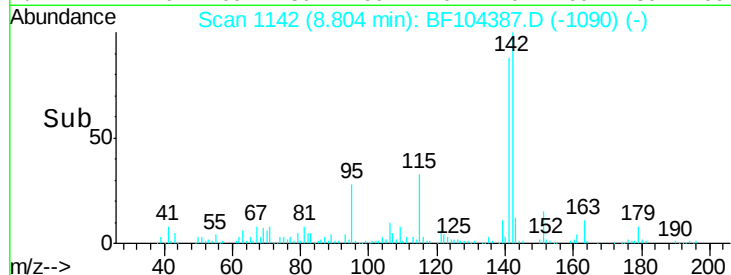
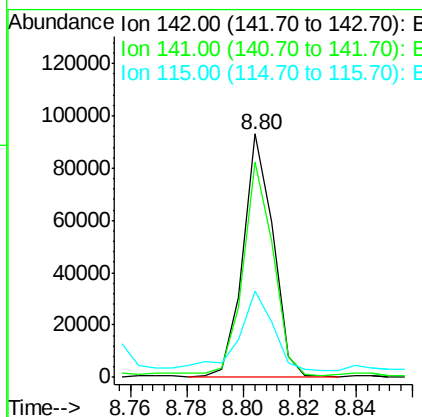
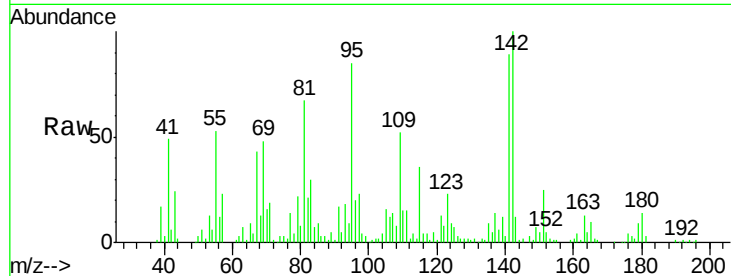




#37
 2-Methylnaphthalene
 Concen: 4.461 ng
 RT: 8.80 min Scan# 1142
 Delta R.T. 0.01 min
 Lab File: BF104387.D
 Acq: 9 Apr 2018 22:47

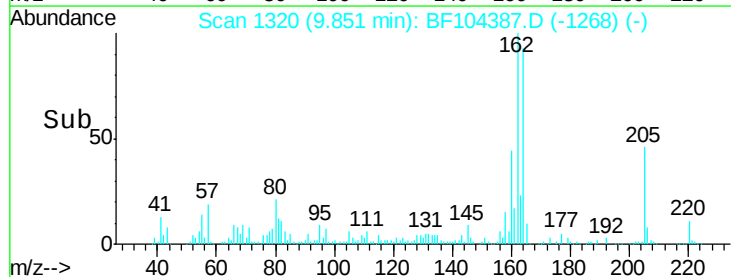
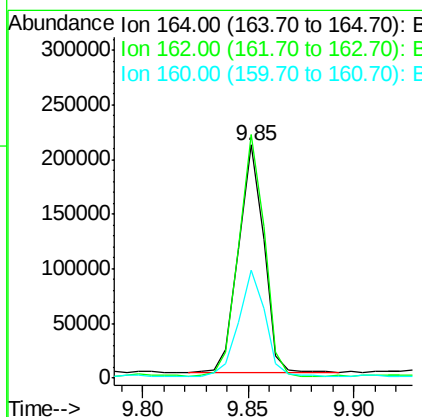
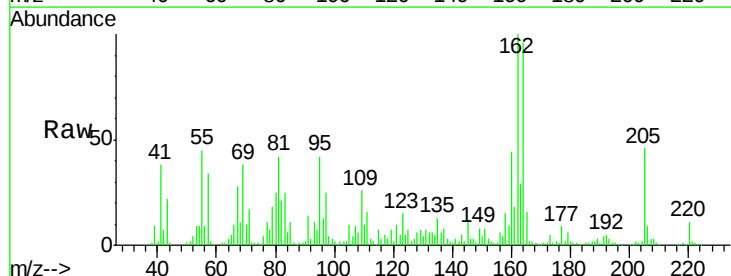
Instrument :
 BNA_F
 ClientSampleId :
 DRUM-1-5-4-12-14-15-17

Tot Ion:142 Resp: 68230
 Ion Ratio Lower Upper
 142 100
 141 88.6 70.8 106.2
 115 35.6 26.1 39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. 0.01 min
 Lab File: BF104387.D
 Acq: 9 Apr 2018 22:47

Tgt Ion:164 Resp: 171867
 Ion Ratio Lower Upper
 164 100
 162 104.6 86.1 129.1
 160 46.5 38.3 57.5

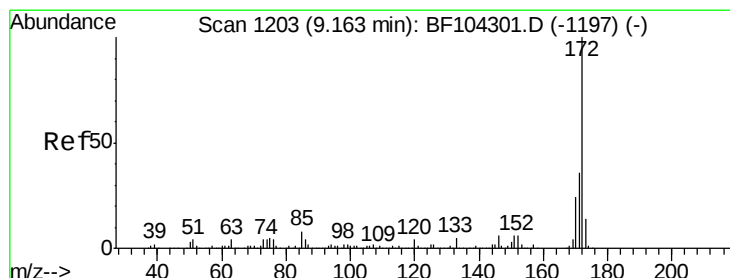
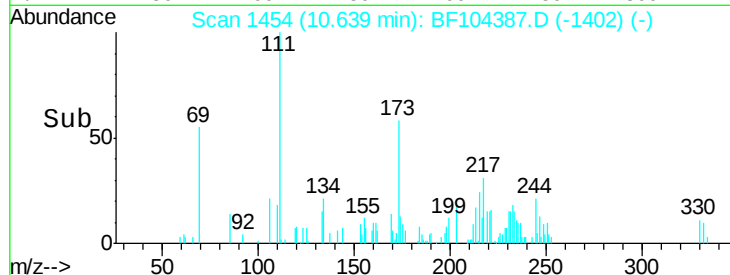
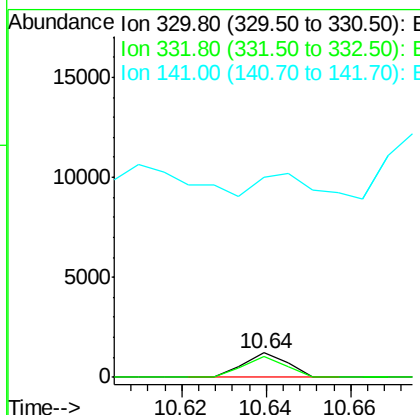
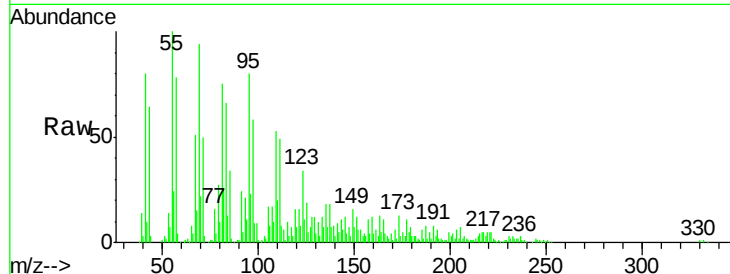




#41
 2,4,6-Tribromophenol
 Concen: 0.495 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. 0.01 min
 Lab File: BF104387.D
 Acq: 9 Apr 2018 22:47

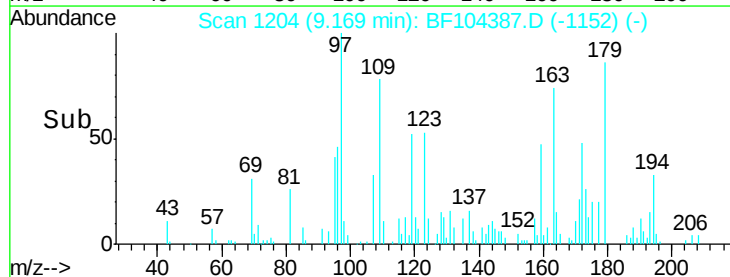
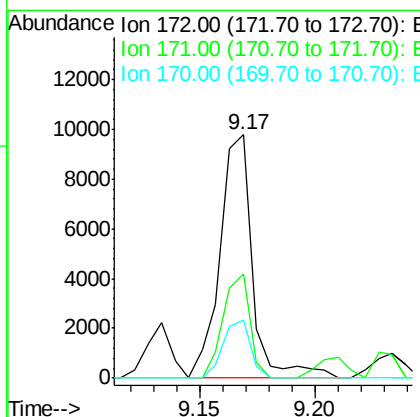
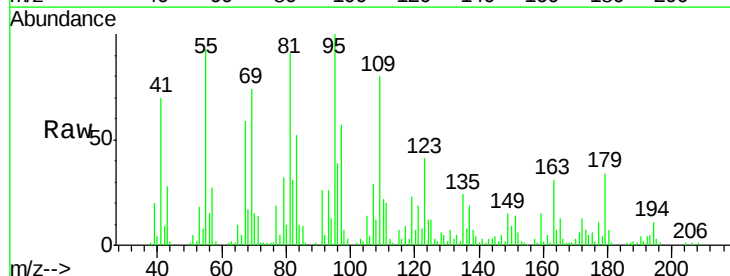
Instrument :
 BNA_F
 ClientSampleId :
 DRUM-1-5-4-12-14-15-17

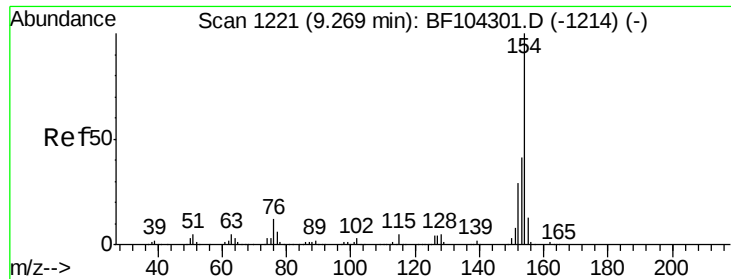
Tot Ion	Ratio	Lower	Upper
330	100		
332	81.1	77.0	115.6
141	122.0	29.9	44.9#



#44
 2-Fluorobiphenyl
 Concen: 0.880 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. 0.01 min
 Lab File: BF104387.D
 Acq: 9 Apr 2018 22:47

Tgt Ion	Ratio	Lower	Upper
172	100		
171	42.9	29.7	44.5
170	23.8	19.6	29.4





#45

1,1'-Biphenyl

Concen: 2.337 ng

RT: 9.27 min Scan# 1221

Delta R.T. 0.00 min

Lab File: BF104387.D

Acq: 9 Apr 2018 22:47

Instrument :

BNA_F

ClientSampleId :

DRUM-1-5-4-12-14-15-17

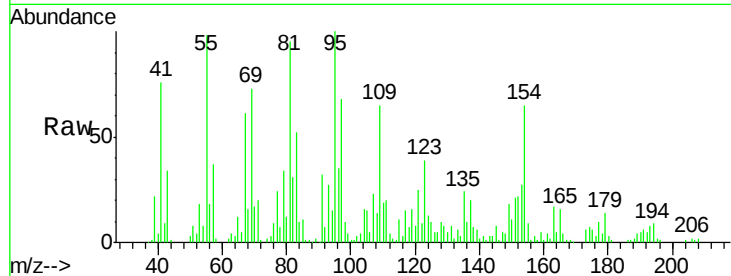
Tot Ion:154 Resp: 33740

Ion Ratio Lower Upper

154 100

153 42.0 21.3 61.3

76 13.2 0.0 34.0

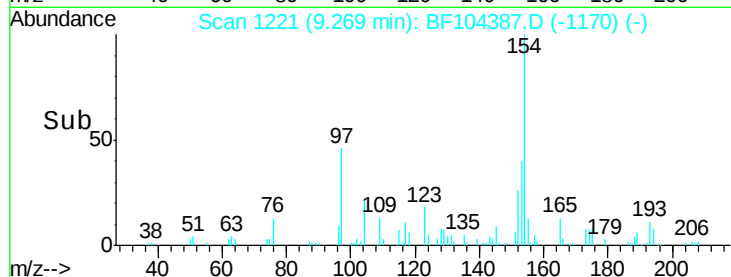


Abundance Ion 154.00 (153.70 to 154.70): E

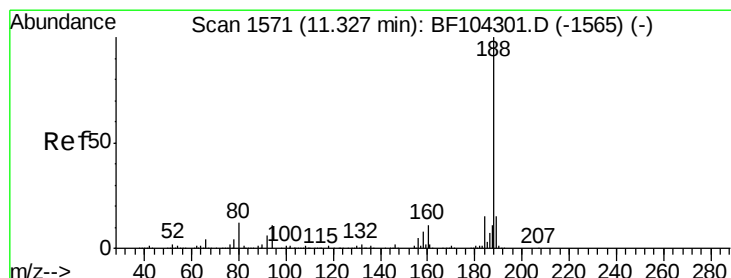
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

Time-->



Time-->



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.34 min Scan# 1573

Delta R.T. 0.01 min

Lab File: BF104387.D

Acq: 9 Apr 2018 22:47

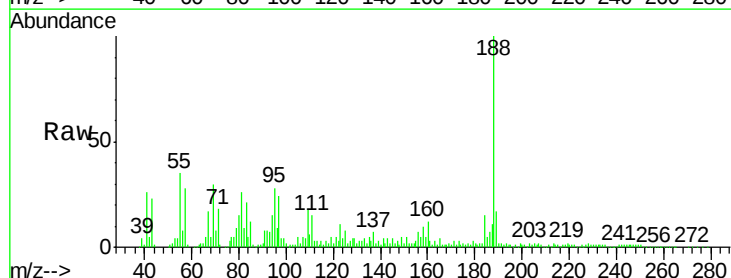
Tgt Ion:188 Resp: 254258

Ion Ratio Lower Upper

188 100

94 15.0 8.5 12.7#

80 15.2 9.2 13.8#

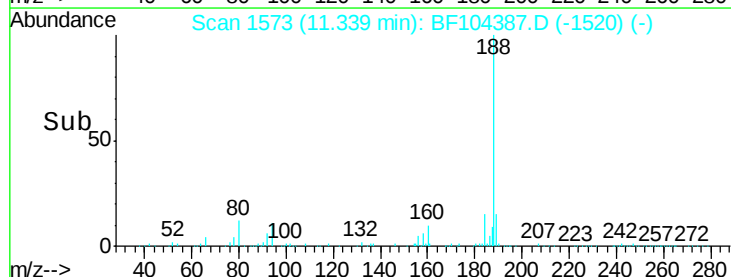


Abundance Ion 188.00 (187.70 to 188.70): E

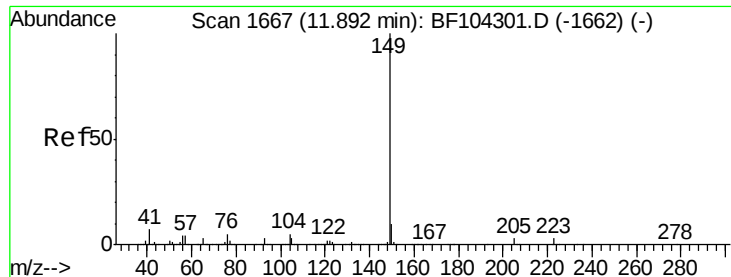
Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

Time-->



Time-->



#73

Di-n-butylphthalate

Concen: 2.206 ng

RT: 11.90 min Scan# 1668

Delta R.T. 0.01 min

Lab File: BF104387.D

Acq: 9 Apr 2018 22:47

Instrument :

BNA_F

ClientSampleId :

DRUM-1-5-4-12-14-15-17

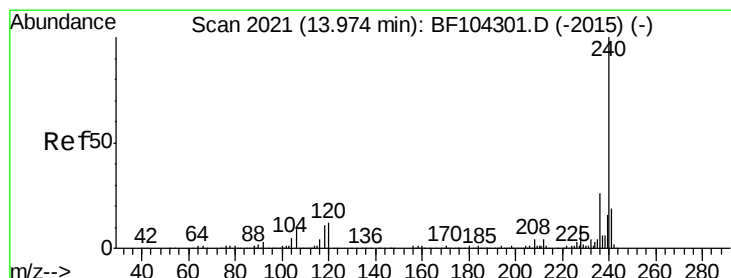
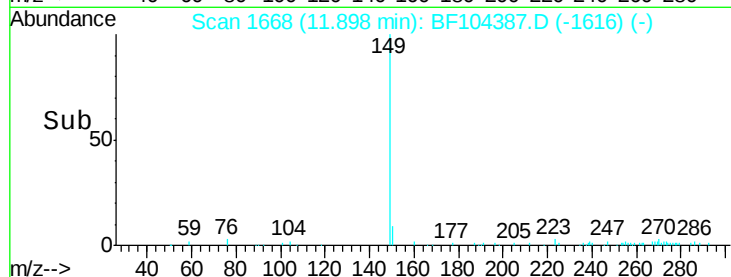
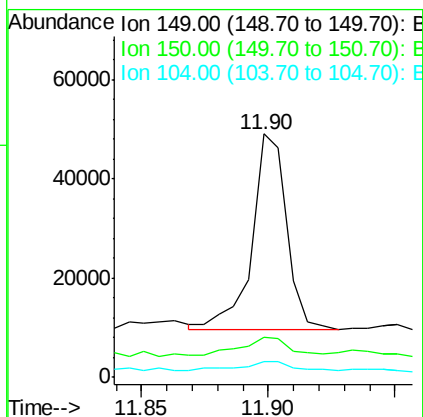
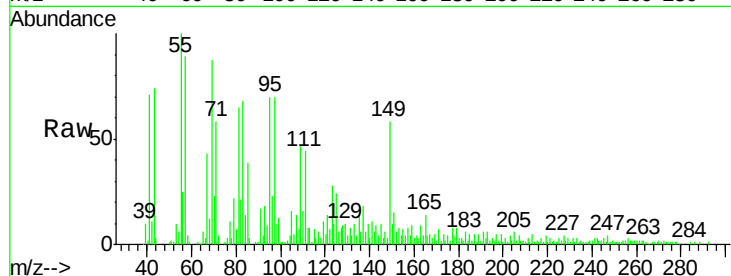
Tot Ion:149 Resp: 37909

Ion Ratio Lower Upper

149 100

150 16.7 7.8 11.6#

104 6.5 3.8 5.8#



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.98 min Scan# 2022

Delta R.T. 0.01 min

Lab File: BF104387.D

Acq: 9 Apr 2018 22:47

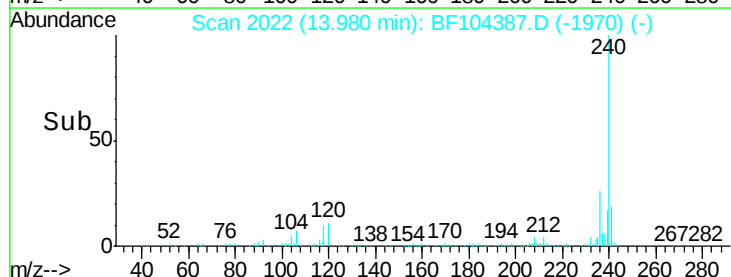
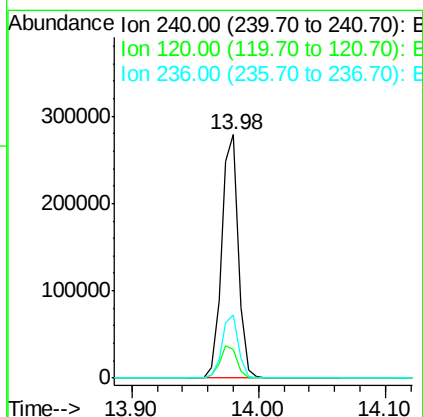
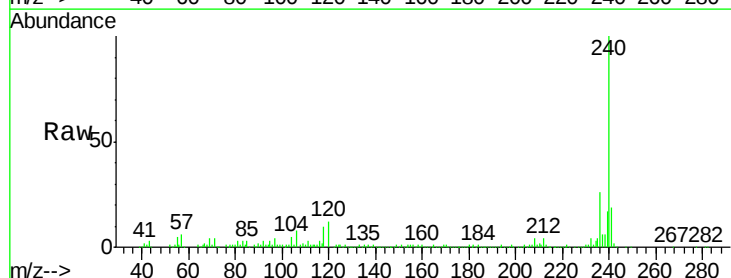
Tgt Ion:240 Resp: 256456

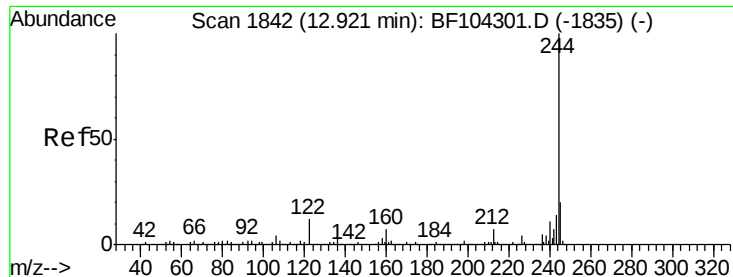
Ion Ratio Lower Upper

240 100

120 11.6 9.5 14.3

236 25.9 20.7 31.1





#78

Terphenyl-d14

Concen: 0.628 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.00 min

Lab File: BF104387.D

Acq: 9 Apr 2018 22:47

Instrument :

BNA_F

ClientSampleId :

DRUM-1-5-4-12-14-15-17

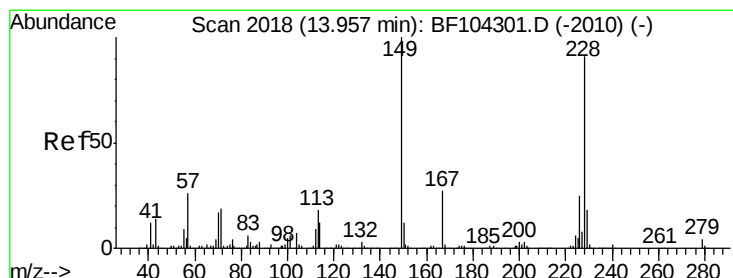
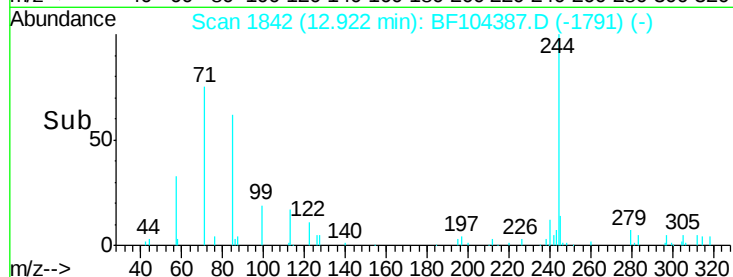
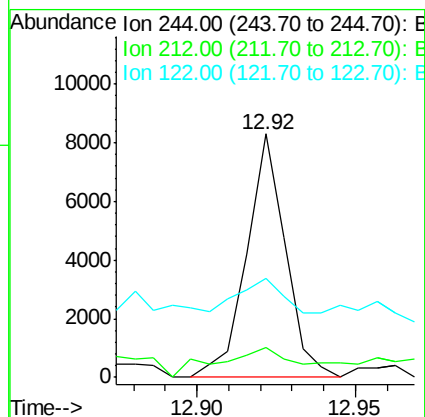
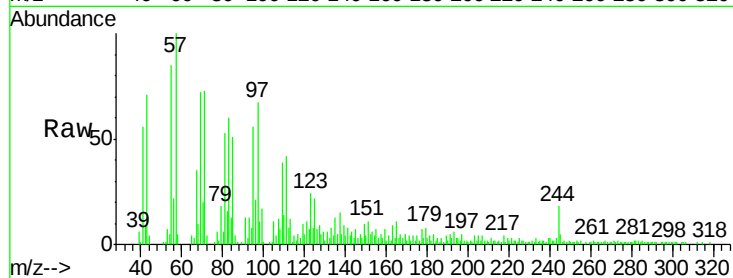
Tot Ion:244 Resp: 7060

Ion Ratio Lower Upper

244 100

212 12.1 5.4 8.0#

122 40.7 11.0 16.4#



#83

Bis(2-ethylhexyl)phthalate

Concen: 12.755 ng

RT: 13.96 min Scan# 2018

Delta R.T. 0.00 min

Lab File: BF104387.D

Acq: 9 Apr 2018 22:47

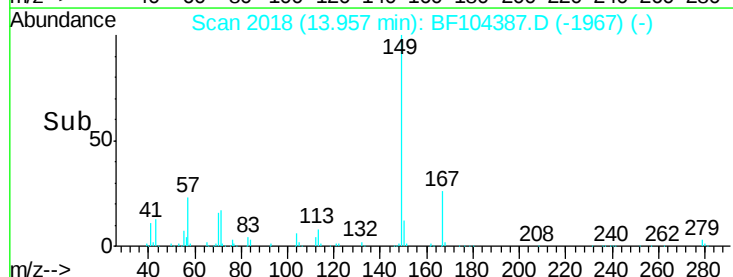
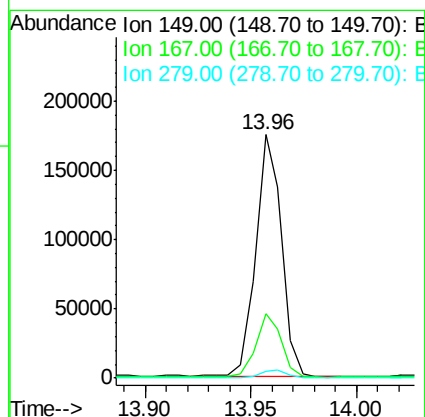
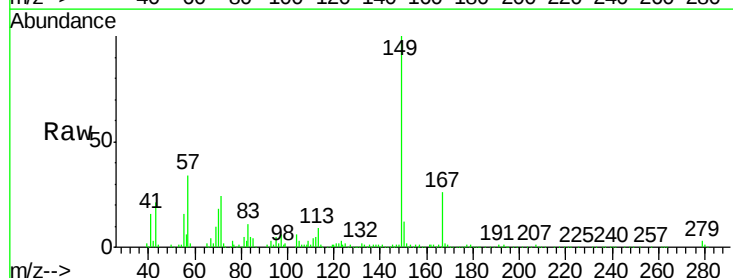
Tgt Ion:149 Resp: 146925

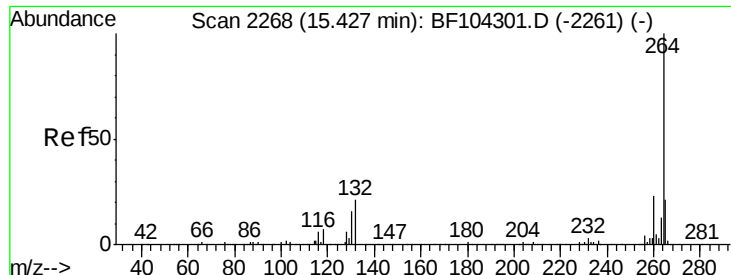
Ion Ratio Lower Upper

149 100

167 26.5 21.3 31.9

279 3.0 3.0 4.4

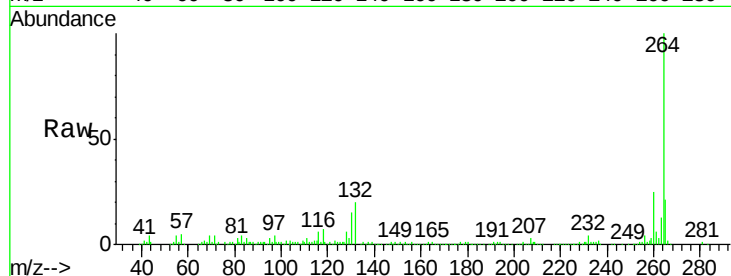




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2270
Delta R.T. 0.01 min
Lab File: BF104387.D
Acq: 9 Apr 2018 22:47

Instrument :
BNA_F
ClientSampleId :
DRUM-1-5-4-12-14-15-17

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	21.5	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

