

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE061818\
 Data File : BE096811.D
 Acq On : 18 Jun 2018 16:43
 Operator : SJ/JU
 Sample : PB110224BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB110224BL

Quant Time: Jun 18 17:21:18 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE061818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 18 13:28:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	3054	0.40	ng	0.00
7) Naphthalene-d8	10.16	136	12782	0.40	ng	0.00
13) Acenaphthene-d10	14.03	164	5320	0.40	ng	0.00
19) Phenanthrene-d10	16.78	188	14370	0.40	ng	0.00
27) Chrysene-d12	20.98	240	13310	0.40	ng	0.00
34) Perylene-d12	23.22	264	11831	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.07	112	2227	0.33	ng	0.00
5) Phenol-d6	6.60	99	2939	0.29	ng	0.00
8) Nitrobenzene-d5	8.53	82	2034	0.29	ng	0.00
11) 2-Methylnaphthalene-d10	11.74	152	5345	0.26	ng	0.00
14) 2,4,6-Tribromophenol	15.53	330	248	0.26	ng	0.01
15) 2-Fluorobiphenyl	12.64	172	7273	0.33	ng	0.00
25) Fluoranthene-d10	18.82	212	44599	0.32	ng	0.00
29) Terphenyl-d14	19.44	244	9058	0.30	ng	0.00

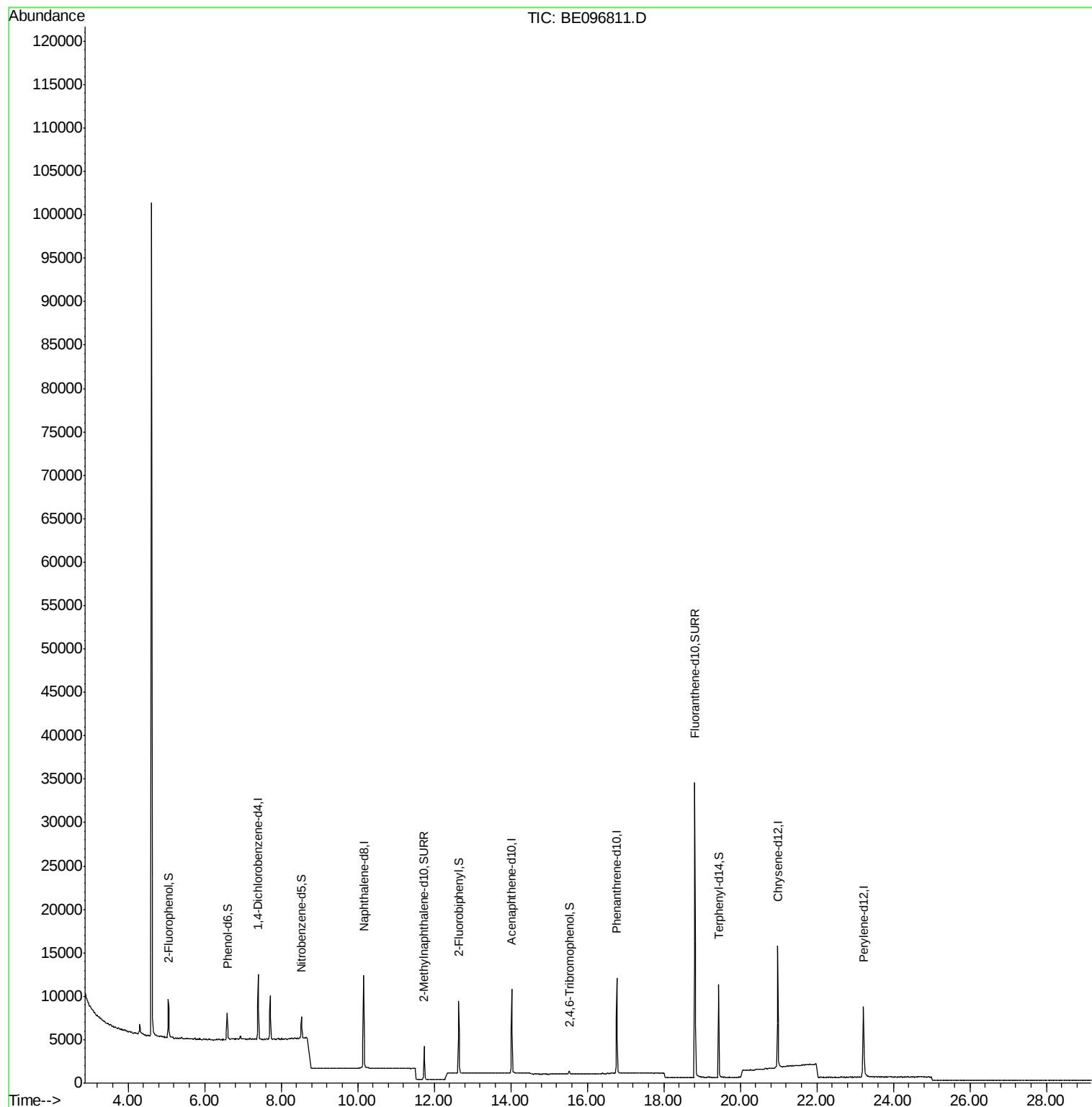
Target Compounds	Qvalue
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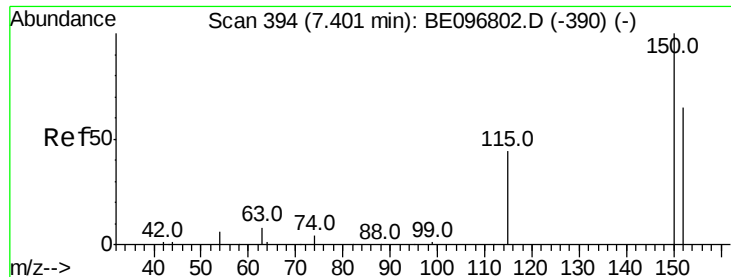
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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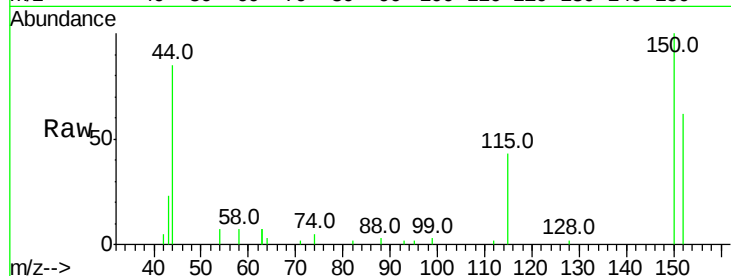


#1

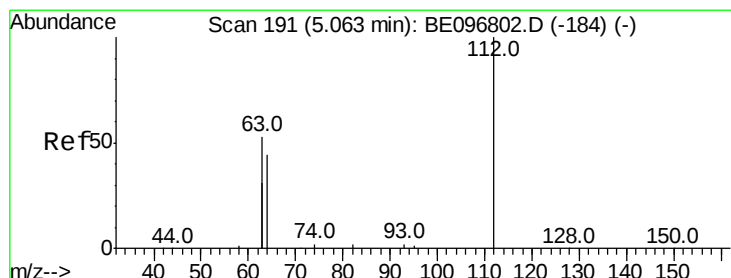
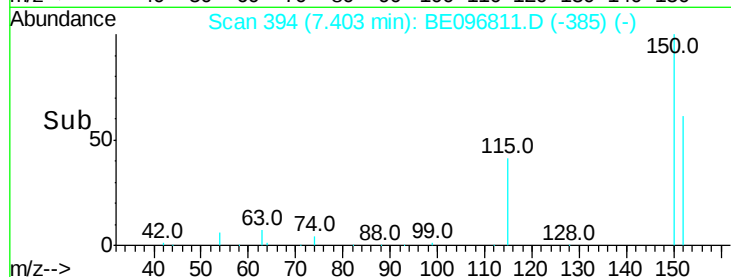
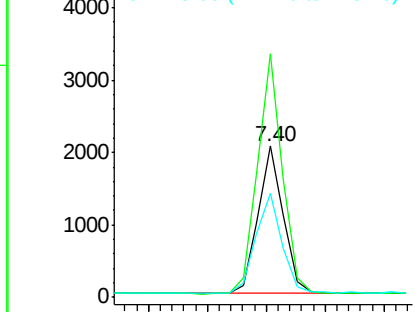
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 394
Delta R.T. 0.00 min
Lab File: BE096811.D
Acq: 18 Jun 2018 16:43

Instrument :
BNA_E
ClientSampleId :
PB110224BL

Tot Ion:152 Resp: 3054
Ion Ratio Lower Upper
152 100
150 161.1 117.2 175.8
115 68.5 57.0 85.6



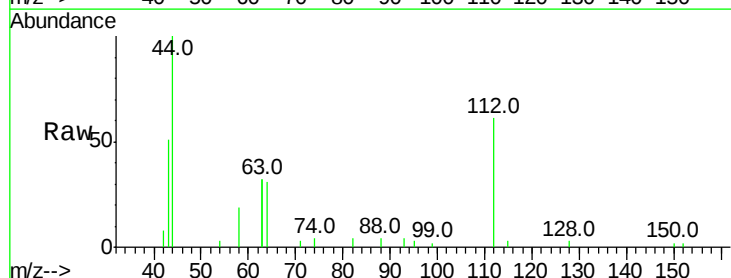
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



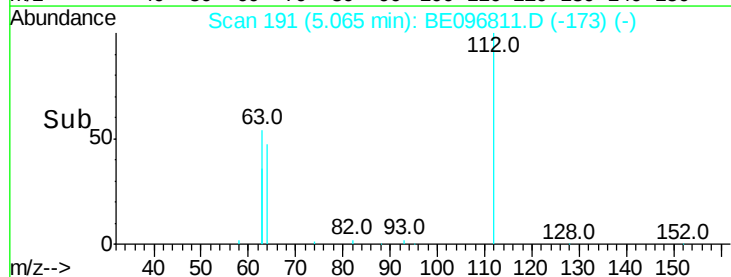
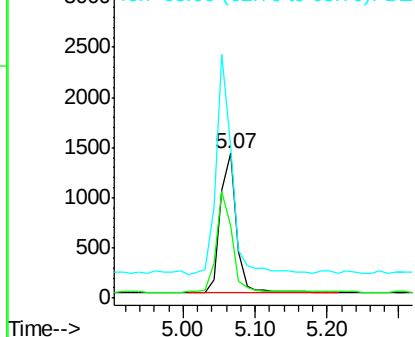
#4

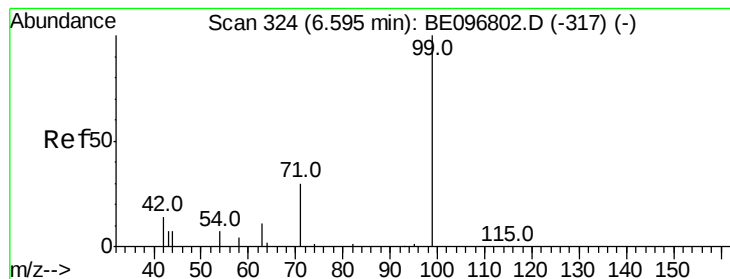
2-Fluorophenol
Concen: 0.334 ng
RT: 5.07 min Scan# 191
Delta R.T. 0.00 min
Lab File: BE096811.D
Acq: 18 Jun 2018 16:43

Tgt Ion:112 Resp: 2227
Ion Ratio Lower Upper
112 100
64 69.6 60.1 90.1
63 149.8 116.8 175.2



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BE0
Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.294 ng

RT: 6.60 min Scan# 324

Delta R.T. 0.00 min

Lab File: BE096811.D

Acq: 18 Jun 2018 16:43

Instrument :

BNA_E

ClientSampleId :

PB110224BL

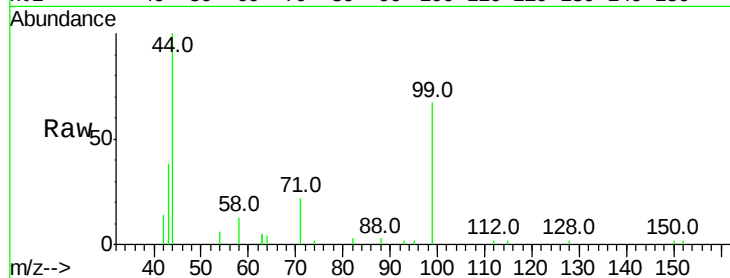
Tot Ion: 99 Resp: 2939

Ion Ratio Lower Upper

99 100

42 22.9 20.2 30.2

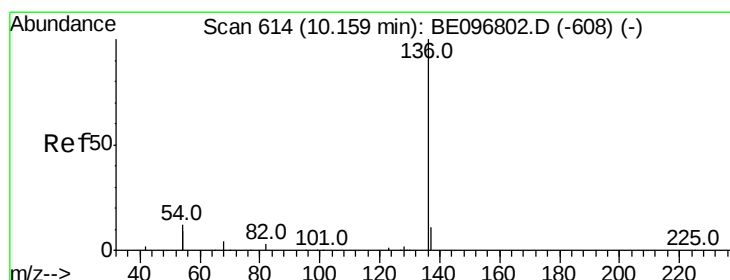
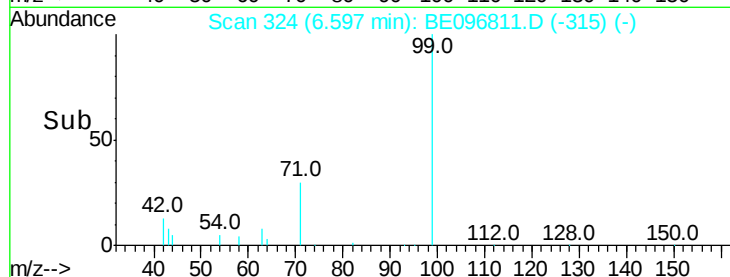
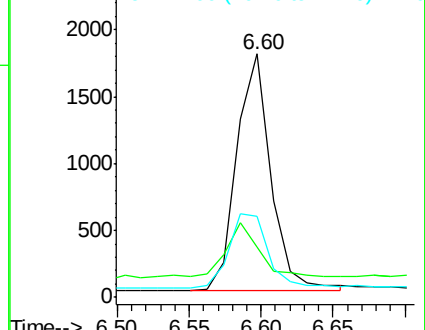
71 36.4 28.4 42.6



Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.16 min Scan# 614

Delta R.T. -0.00 min

Lab File: BE096811.D

Acq: 18 Jun 2018 16:43

Tgt Ion: 136 Resp: 12782

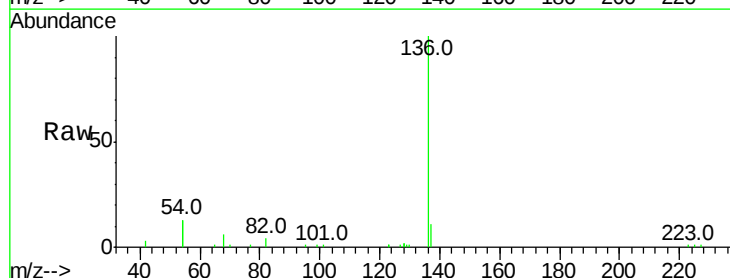
Ion Ratio Lower Upper

136 100

137 11.4 9.5 14.3

54 26.4 29.1 43.7#

68 5.7 6.2 9.2#

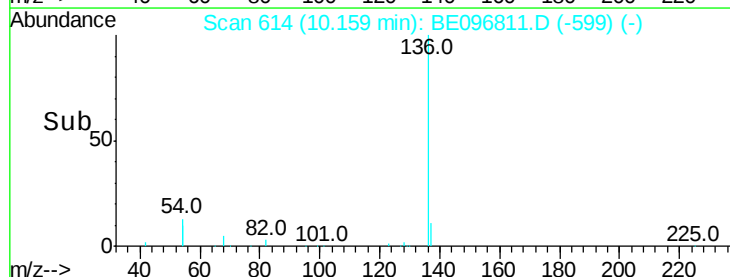
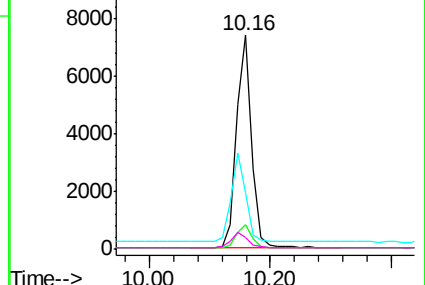


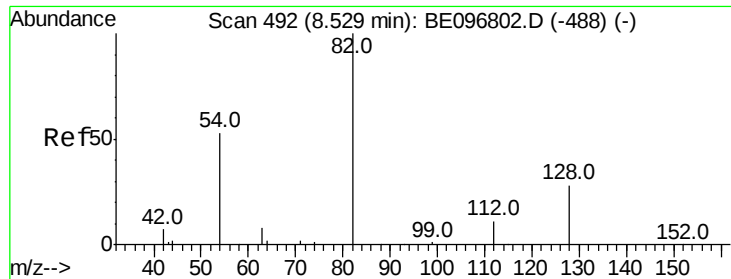
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0

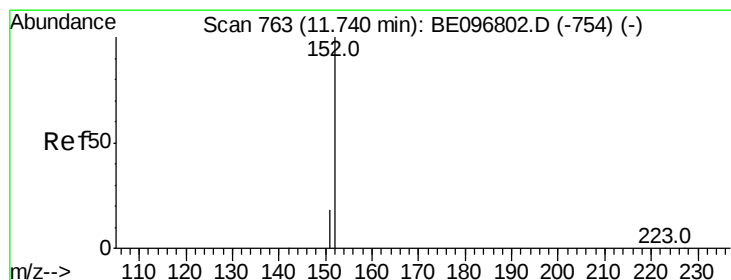
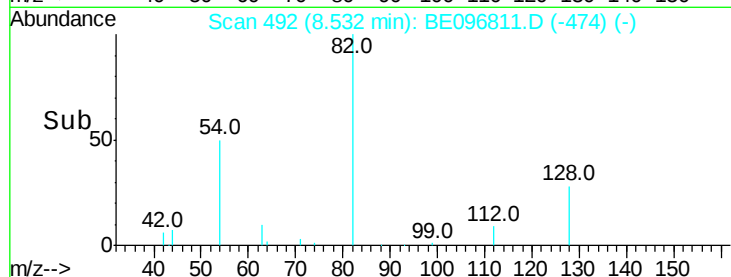
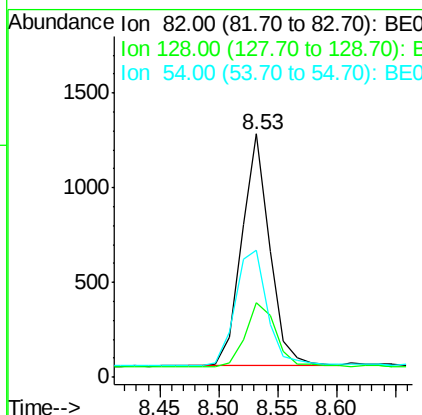
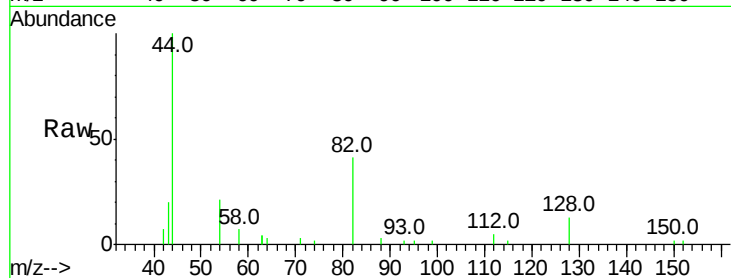




#8
 Nitrobenzene-d5
 Concen: 0.286 ng
 RT: 8.53 min Scan# 492
 Delta R.T. 0.00 min
 Lab File: BE096811.D
 Acq: 18 Jun 2018 16:43

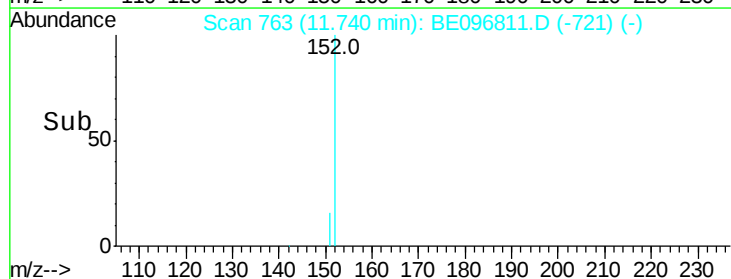
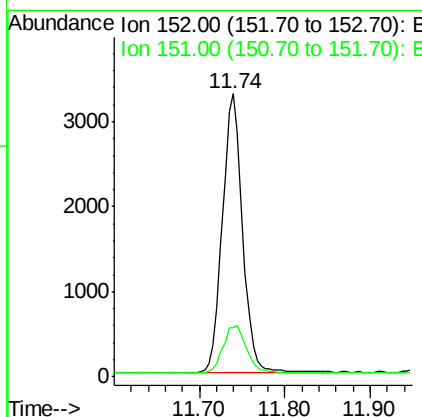
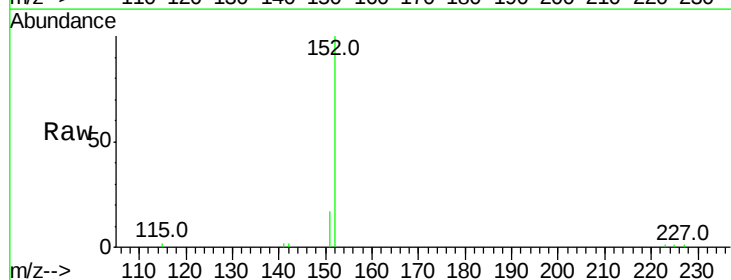
Instrument :
 BNA_E
 ClientSampleId :
 PB110224BL

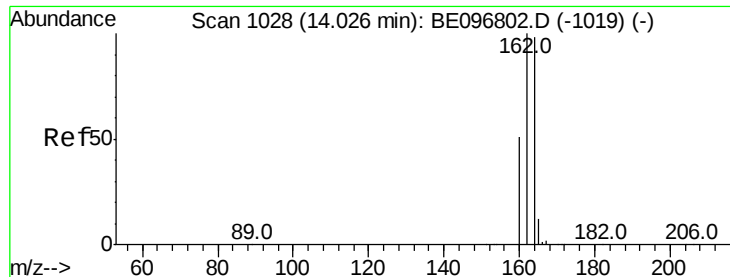
Tot Ion	82	Resp	2034
Ion Ratio	Lower	Upper	
82	100		
128	30.8	24.0	36.0
54	52.4	40.0	60.0



#11
 2-Methylnaphthalene-d10
 Concen: 0.262 ng
 RT: 11.74 min Scan# 763
 Delta R.T. -0.00 min
 Lab File: BE096811.D
 Acq: 18 Jun 2018 16:43

Tgt Ion	152	Resp	5345
Ion Ratio	Lower	Upper	
152	100		
151	19.6	15.4	23.0





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.03 min Scan# 1028

Delta R.T. 0.00 min

Lab File: BE096811.D

Acq: 18 Jun 2018 16:43

Instrument :

BNA_E

ClientSampleId :

PB110224BL

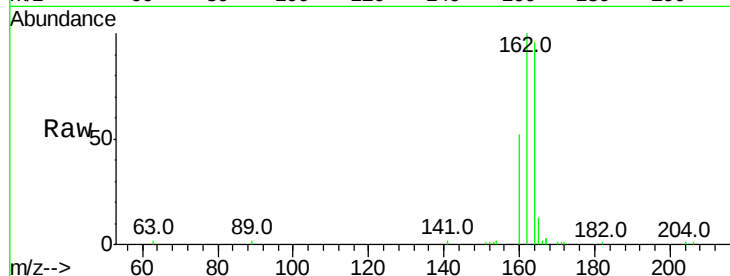
Tot Ion:164 Resp: 5320

Ion Ratio Lower Upper

164 100

162 103.9 83.1 124.7

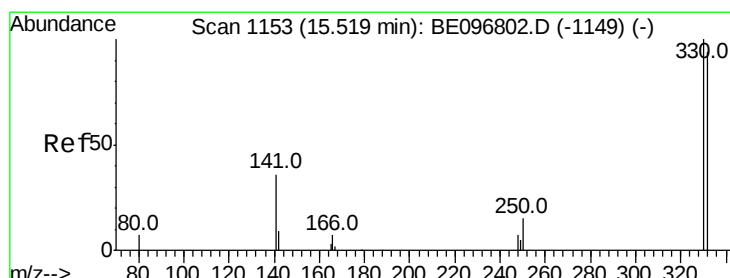
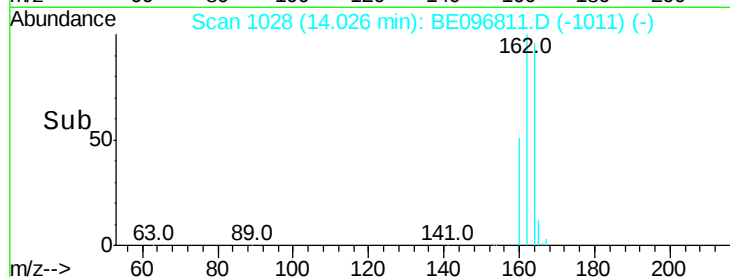
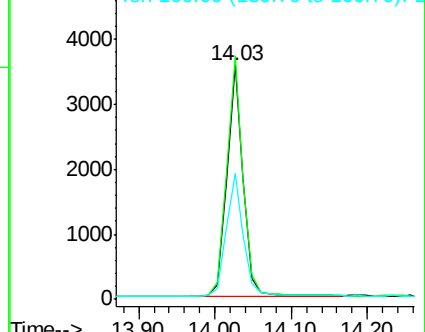
160 53.7 37.1 55.7



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



#14

2,4,6-Tribromophenol

Concen: 0.257 ng

RT: 15.53 min Scan# 1154

Delta R.T. 0.01 min

Lab File: BE096811.D

Acq: 18 Jun 2018 16:43

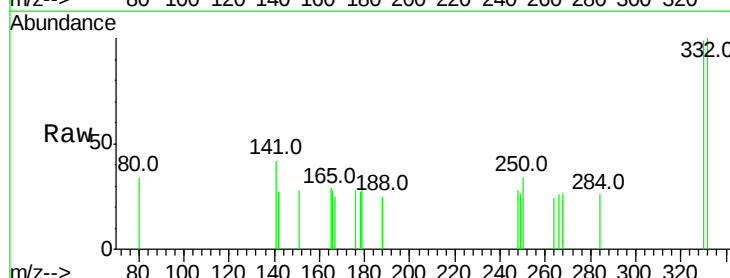
Tgt Ion:330 Resp: 248

Ion Ratio Lower Upper

330 100

332 97.2 152.7 229.1#

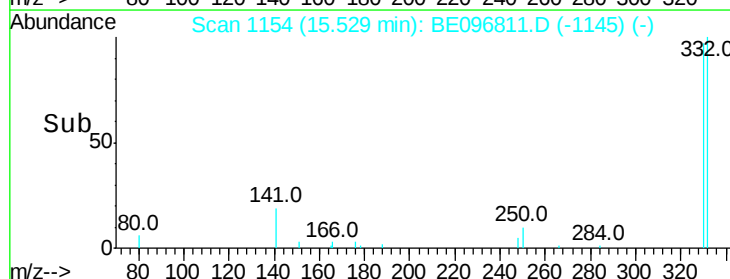
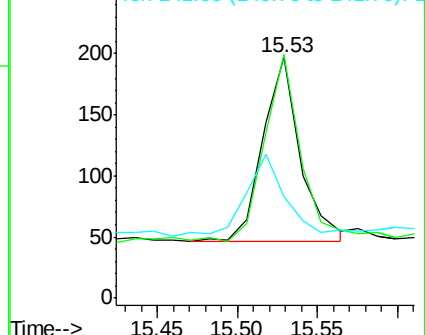
141 48.0 33.7 50.5

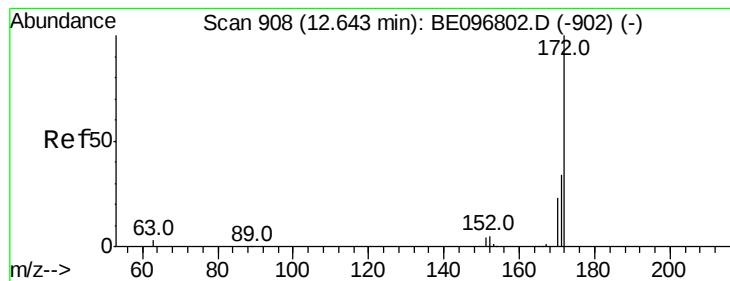


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

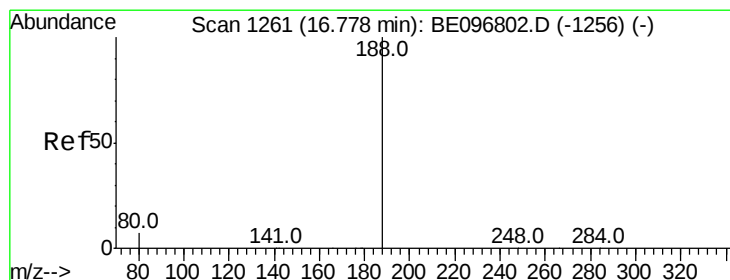
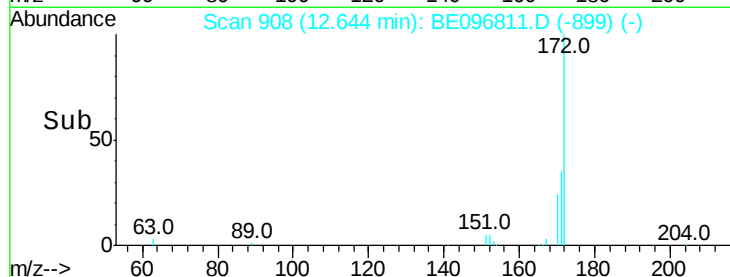
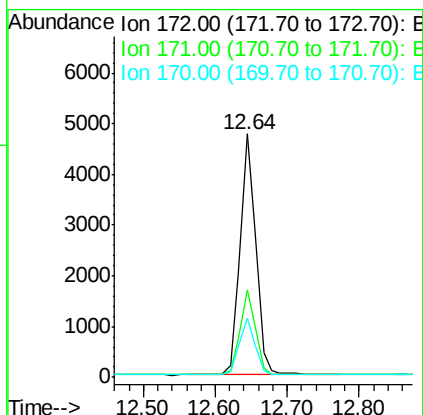
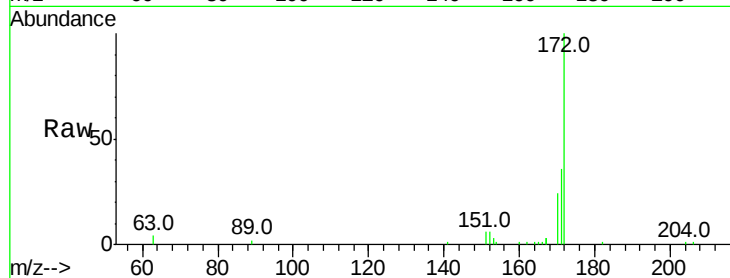




#15
2-Fluorobiphenyl
Concen: 0.332 ng
RT: 12.64 min Scan# 908
Delta R.T. 0.00 min
Lab File: BE096811.D
Acq: 18 Jun 2018 16:43

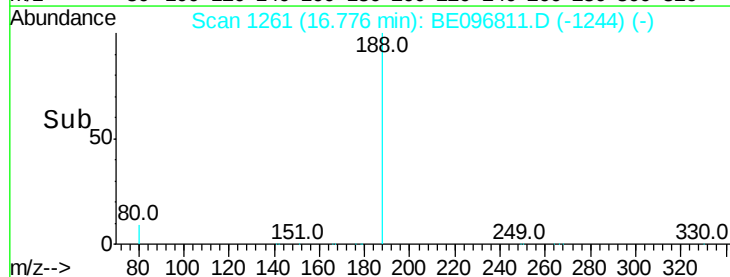
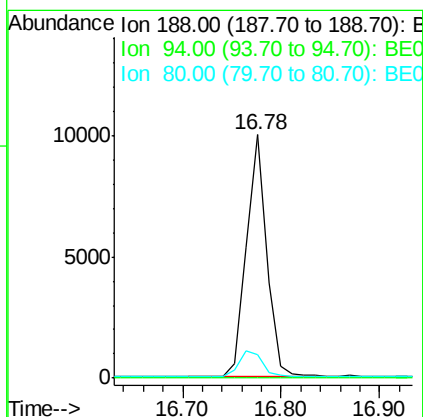
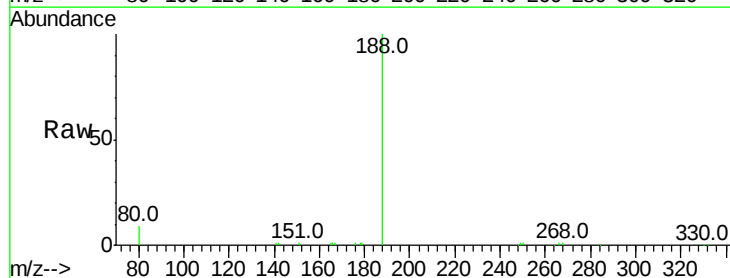
Instrument :
BNA_E
ClientSampleId :
PB110224BL

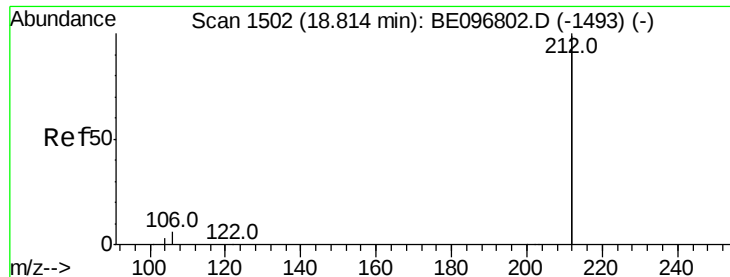
Tot Ion:172 Resp: 7273
Ion Ratio Lower Upper
172 100
171 35.9 29.9 44.9
170 24.5 21.8 32.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.78 min Scan# 1261
Delta R.T. -0.00 min
Lab File: BE096811.D
Acq: 18 Jun 2018 16:43

Tgt Ion:188 Resp: 14370
Ion Ratio Lower Upper
188 100
94 0.0 3.9 5.9#
80 9.5 3.6 5.4#





#25

Fluoranthene-d10

Concen: 0.317 ng

RT: 18.82 min Scan# 1503

Delta R.T. 0.00 min

Lab File: BE096811.D

Acq: 18 Jun 2018 16:43

Instrument :

BNA_E

ClientSampleId :

PB110224BL

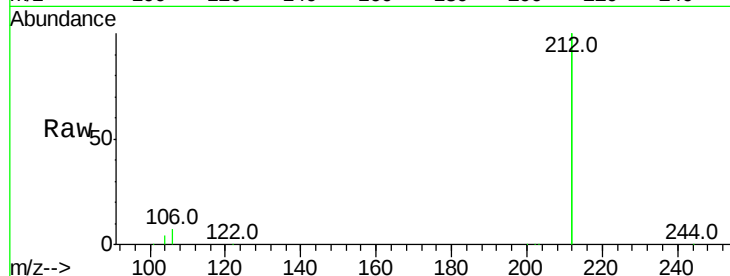
Tot Ion:212 Resp: 44599

Ion Ratio Lower Upper

212 100

106 3.5 2.8 4.2

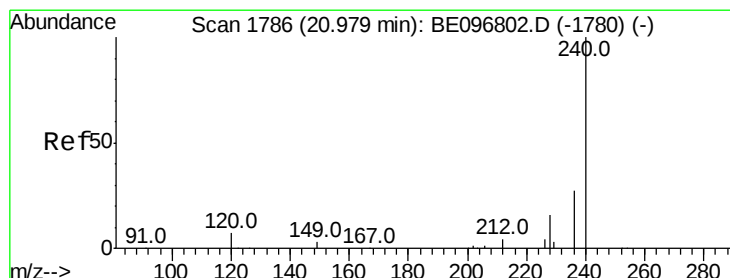
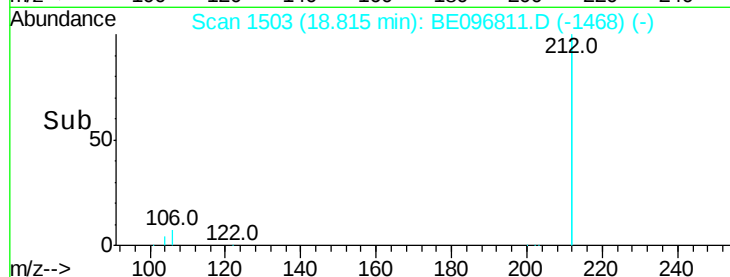
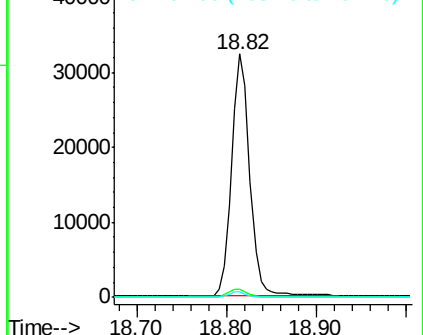
104 2.0 1.6 2.4



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#27

Chrysene-d12

Concen: 0.400 ng

RT: 20.98 min Scan# 1787

Delta R.T. -0.00 min

Lab File: BE096811.D

Acq: 18 Jun 2018 16:43

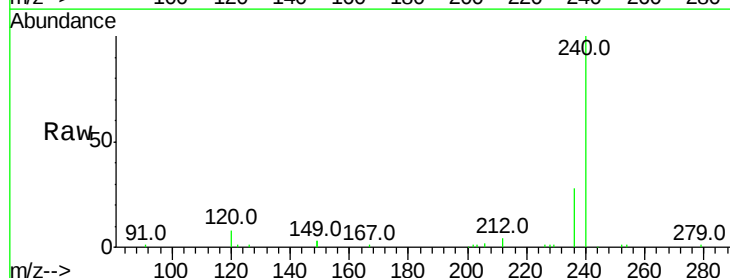
Tgt Ion:240 Resp: 13310

Ion Ratio Lower Upper

240 100

120 8.5 5.5 8.3#

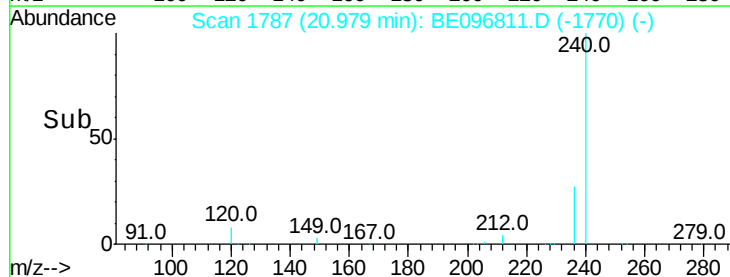
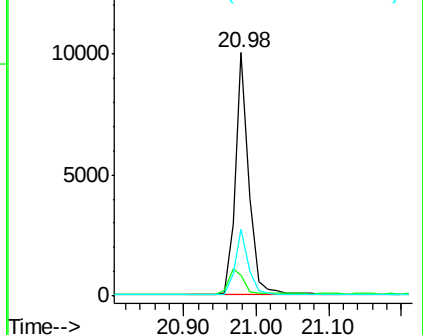
236 27.6 20.7 31.1

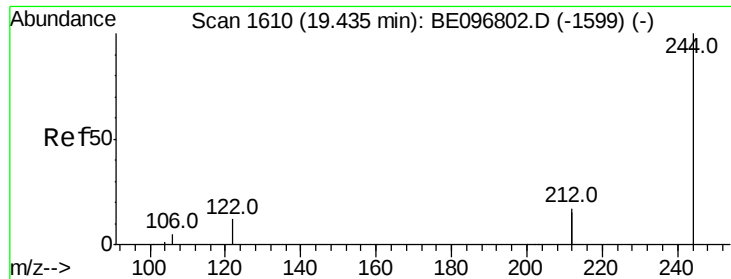


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

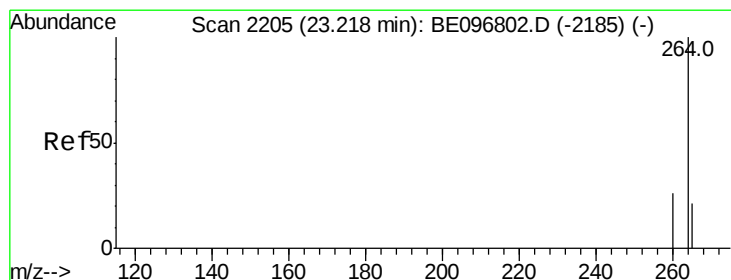
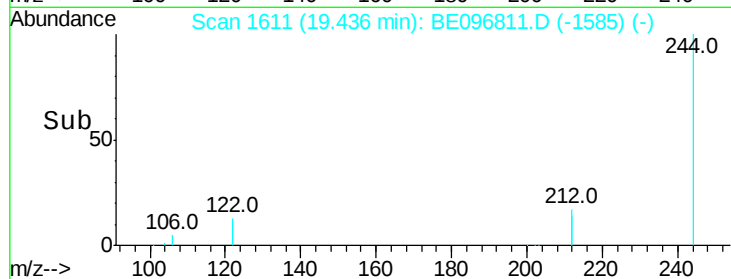
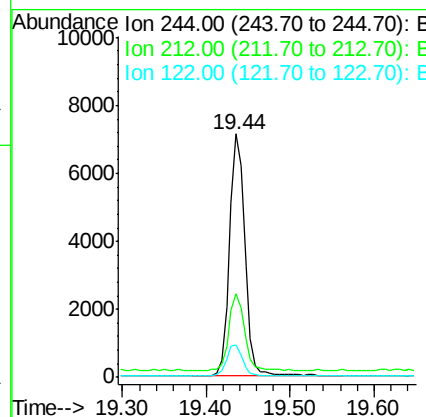
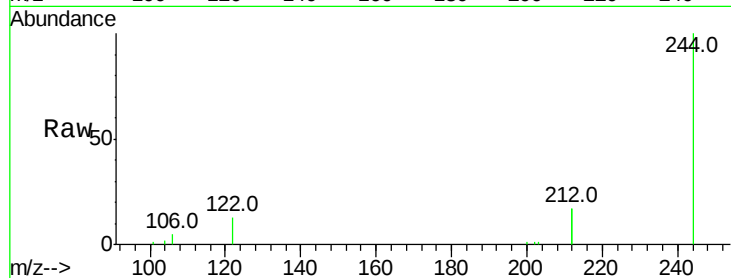




#29
 Terphenyl-d14
 Concen: 0.300 ng
 RT: 19.44 min Scan# 1611
 Delta R.T. 0.00 min
 Lab File: BE096811.D
 Acq: 18 Jun 2018 16:43

Instrument :
 BNA_E
 ClientSampleId :
 PB110224BL

Tot Ion:244 Resp: 9058
 Ion Ratio Lower Upper
 244 100
 212 34.5 25.4 38.0
 122 13.3 8.1 12.1#



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.22 min Scan# 2206
 Delta R.T. 0.00 min
 Lab File: BE096811.D
 Acq: 18 Jun 2018 16:43

Tgt Ion:264 Resp: 11831
 Ion Ratio Lower Upper
 264 100
 260 25.5 20.5 30.7
 265 26.3 22.8 34.2

