

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE062618\
 Data File : BE096846.D
 Acq On : 26 Jun 2018 11:08
 Operator : SJ/JU
 Sample : PB110591BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB110591BL

Quant Time: Jun 27 02:34:55 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE062018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 20 15:45:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	3482	0.40	ng	0.00
7) Naphthalene-d8	10.16	136	14364	0.40	ng	0.00
13) Acenaphthene-d10	14.03	164	5626	0.40	ng	0.00
19) Phenanthrene-d10	16.78	188	14646	0.40	ng	0.00
27) Chrysene-d12	20.98	240	12423	0.40	ng	0.00
34) Perylene-d12	23.21	264	11082	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.06	112	2266	0.29	ng	0.01
5) Phenol-d6	6.59	99	2943	0.25	ng	0.00
8) Nitrobenzene-d5	8.53	82	2684	0.31	ng	0.00
11) 2-Methylnaphthalene-d10	11.73	152	6216	0.30	ng	0.00
14) 2,4,6-Tribromophenol	15.53	330	237	0.29	ng	0.01
15) 2-Fluorobiphenyl	12.64	172	8251	0.40	ng	0.00
25) Fluoranthene-d10	18.82	212	47222	0.37	ng	0.00
29) Terphenyl-d14	19.44	244	11877	0.50	ng	0.00

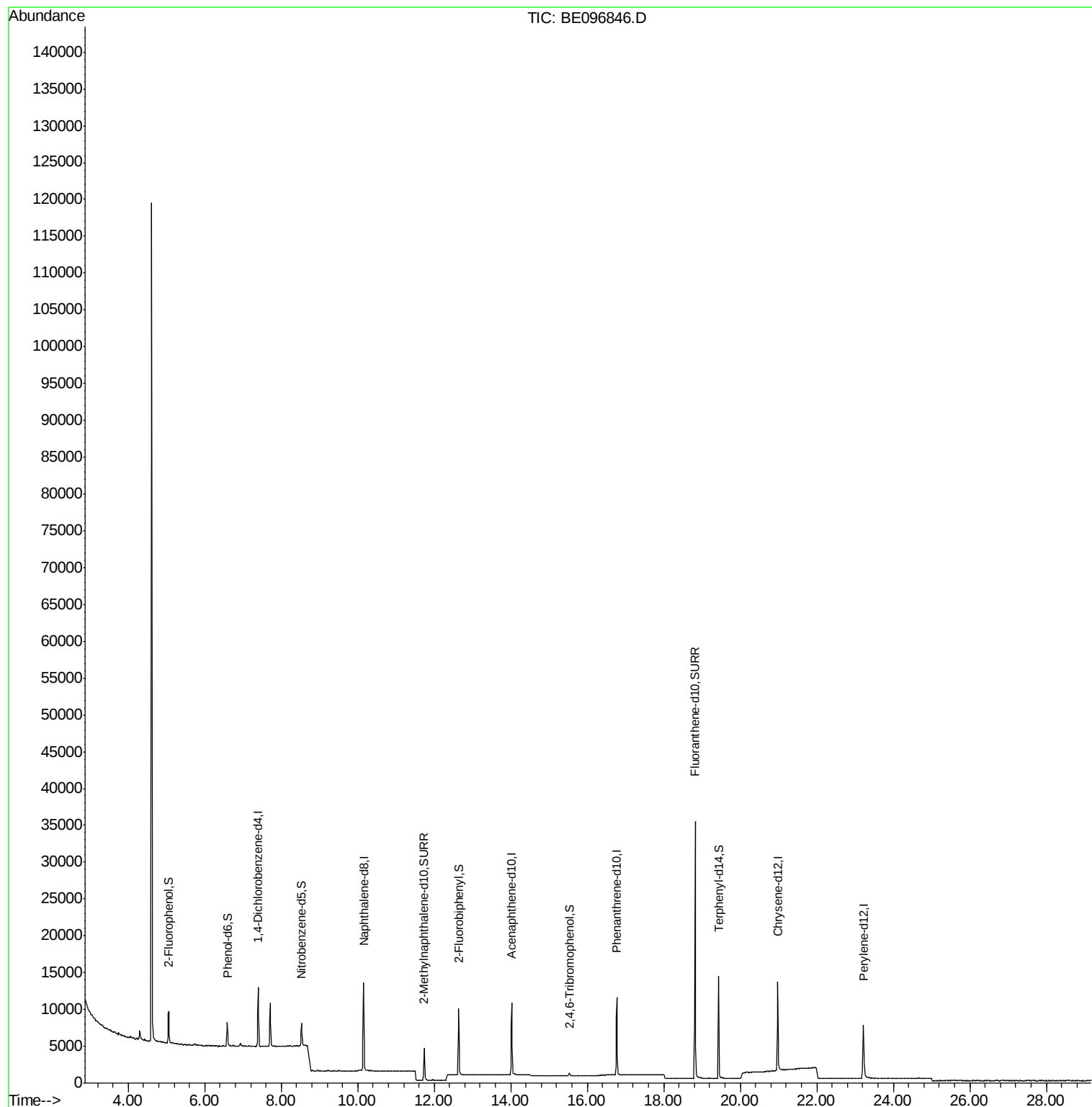
Target Compounds	Qvalue
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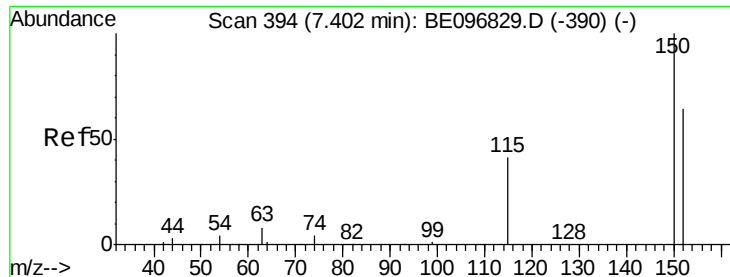
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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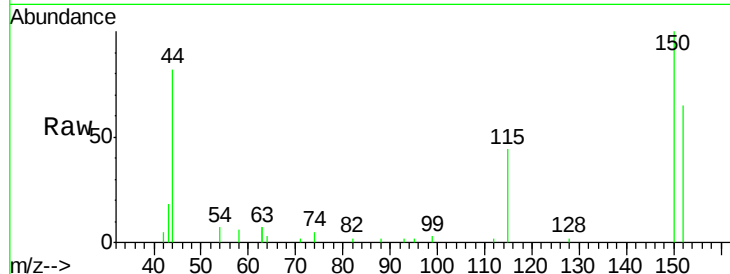


#1

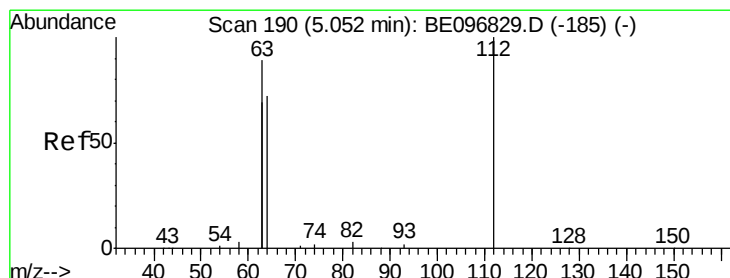
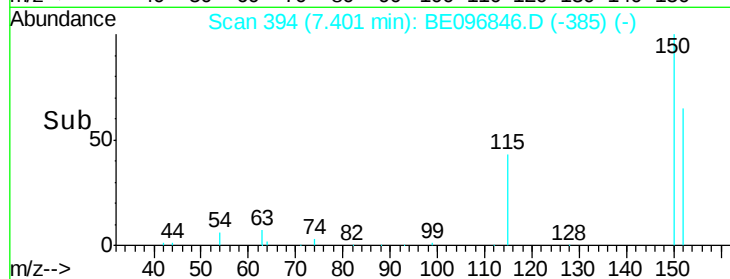
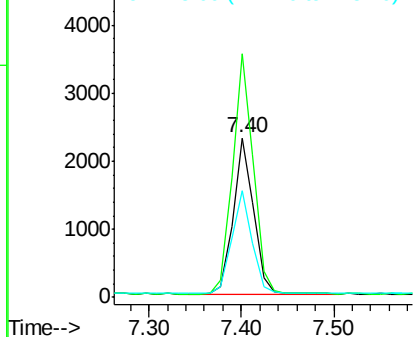
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 394
Delta R.T. -0.00 min
Lab File: BE096846.D
Acq: 26 Jun 2018 11:08

Instrument :
BNA_E
ClientSampleId :
PB110591BL

Tgt Ion:152 Resp: 3482
Ion Ratio Lower Upper
152 100
150 152.8 117.2 175.8
115 66.7 57.0 85.6



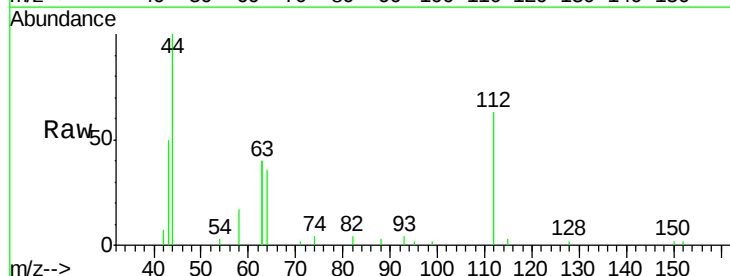
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



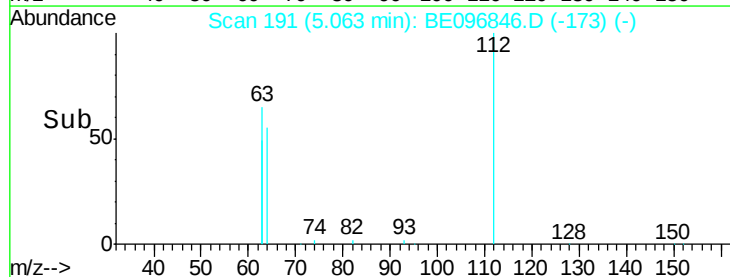
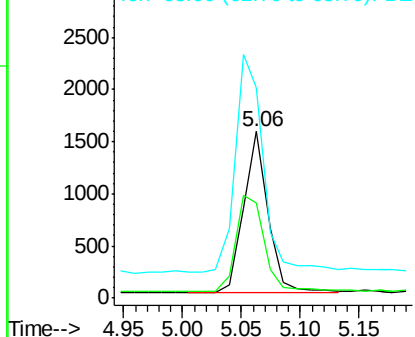
#4

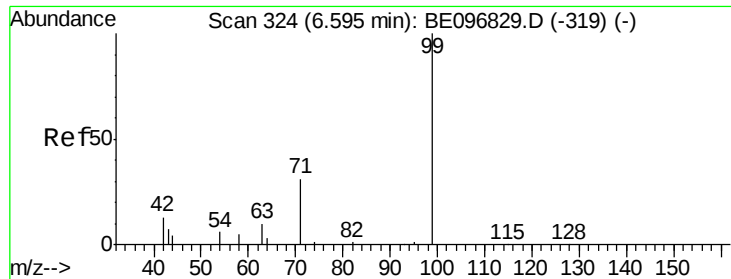
2-Fluorophenol
Concen: 0.291 ng
RT: 5.06 min Scan# 191
Delta R.T. 0.01 min
Lab File: BE096846.D
Acq: 26 Jun 2018 11:08

Tgt Ion:112 Resp: 2266
Ion Ratio Lower Upper
112 100
64 72.3 60.1 90.1
63 156.5 116.8 175.2



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: 0.254 ng

RT: 6.59 min Scan# 324

Delta R.T. -0.00 min

Lab File: BE096846.D

Acq: 26 Jun 2018 11:08

Instrument :

BNA_E

ClientSampleId :

PB110591BL

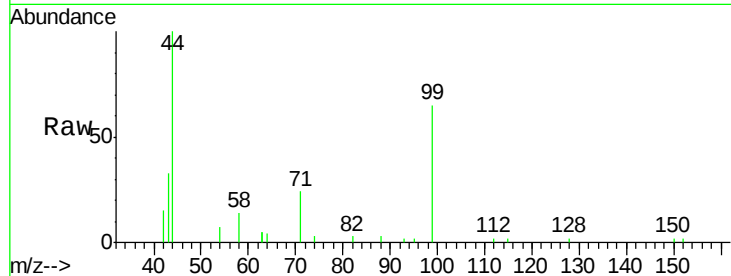
Tgt Ion: 99 Resp: 2943

Ion Ratio Lower Upper

99 100

42 23.5 20.2 30.2

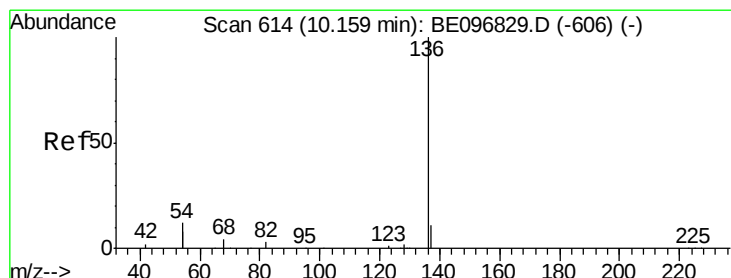
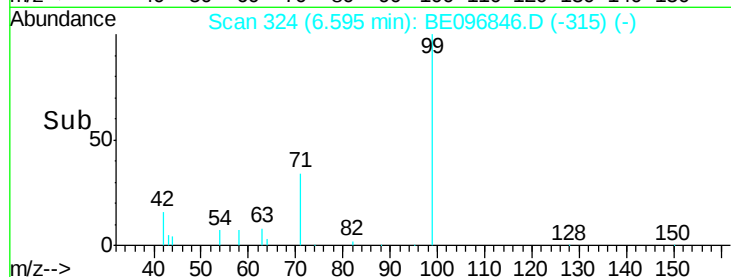
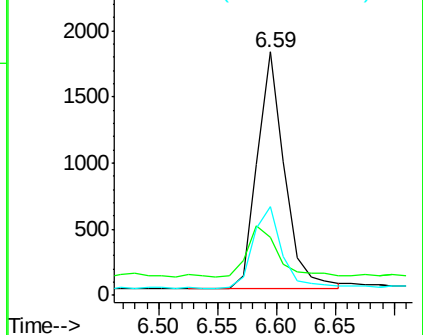
71 36.2 28.4 42.6



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: BE096846.D

Acq: 26 Jun 2018 11:08

Tgt Ion: 136 Resp: 14364

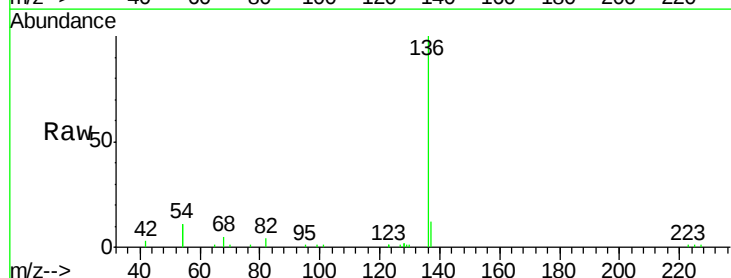
Ion Ratio Lower Upper

136 100

137 11.7 9.5 14.3

54 22.6 29.1 43.7#

68 4.8 6.2 9.2#

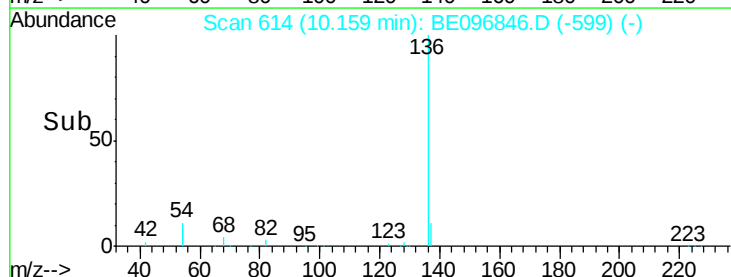
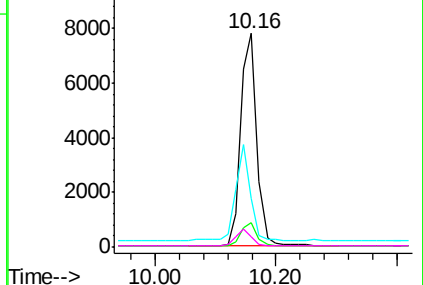


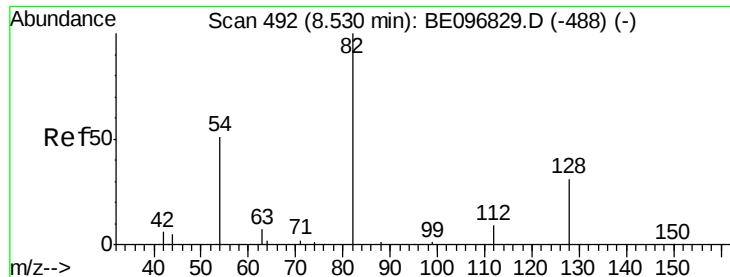
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.309 ng

RT: 8.53 min Scan# 492

Delta R.T. -0.00 min

Lab File: BE096846.D

Acq: 26 Jun 2018 11:08

Instrument :

BNA_E

ClientSampleId :

PB110591BL

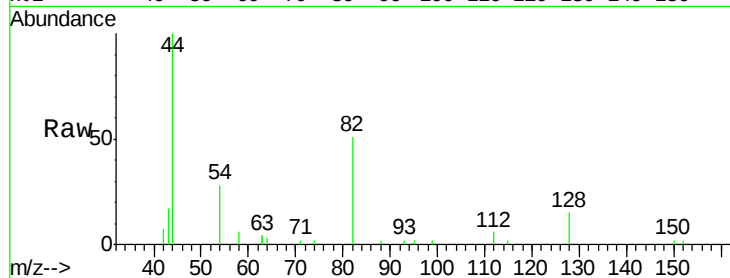
Tgt Ion: 82 Resp: 2684

Ion Ratio Lower Upper

82 100

128 29.7 24.0 36.0

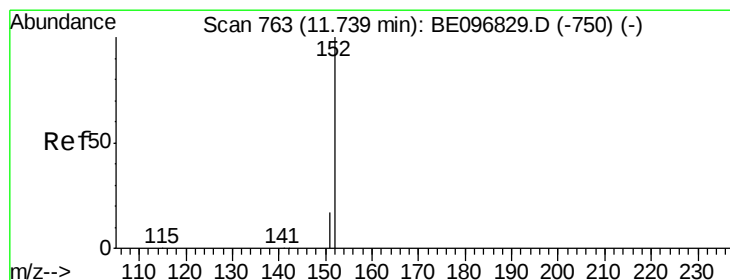
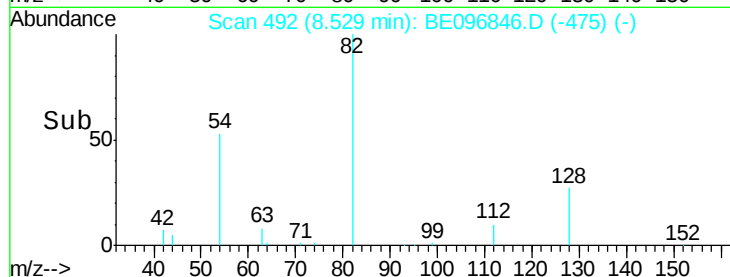
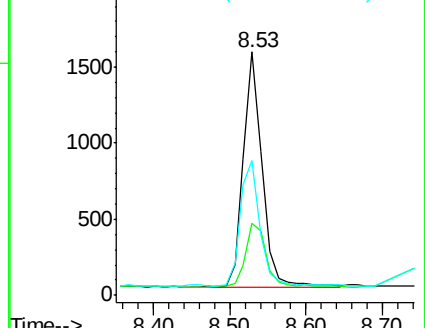
54 55.3 40.0 60.0



Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0



#11

2-Methylnaphthalene-d10

Concen: 0.301 ng

RT: 11.73 min Scan# 762

Delta R.T. -0.00 min

Lab File: BE096846.D

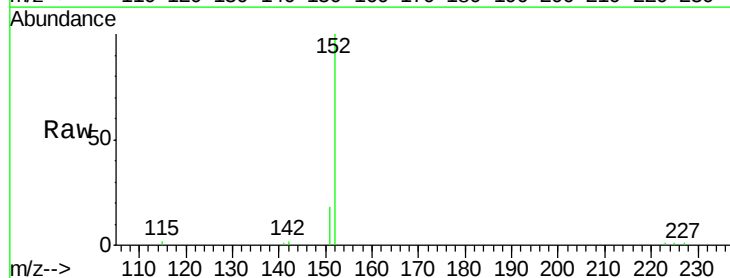
Acq: 26 Jun 2018 11:08

Tgt Ion: 152 Resp: 6216

Ion Ratio Lower Upper

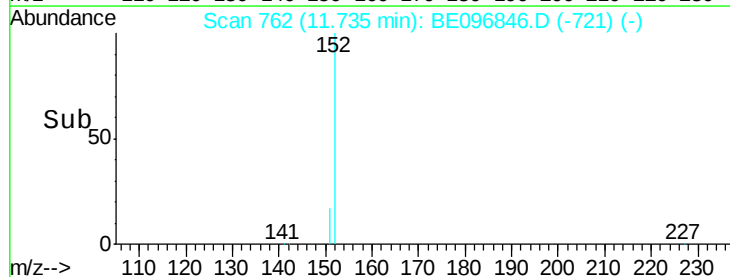
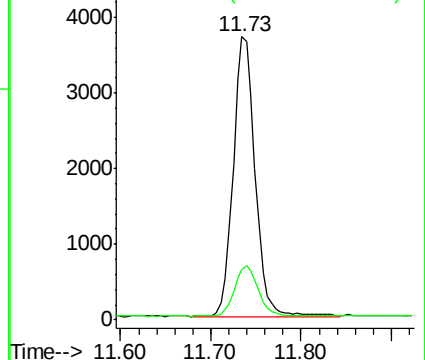
152 100

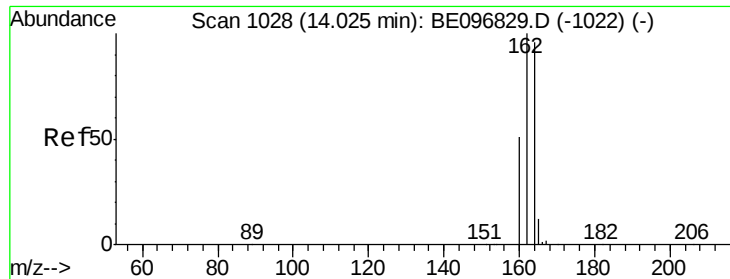
151 19.4 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.03 min Scan# 1029

Delta R.T. 0.00 min

Lab File: BE096846.D

Acq: 26 Jun 2018 11:08

Instrument :

BNA_E

ClientSampleId :

PB110591BL

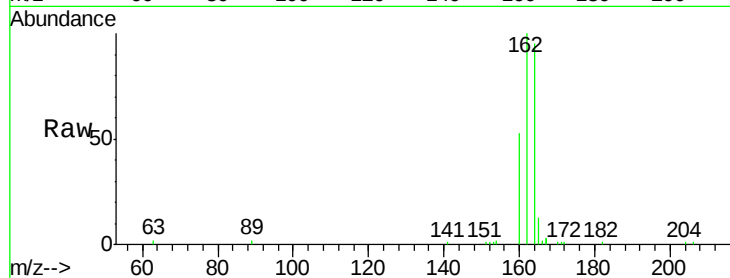
Tgt Ion:164 Resp: 5626

Ion Ratio Lower Upper

164 100

162 105.1 83.1 124.7

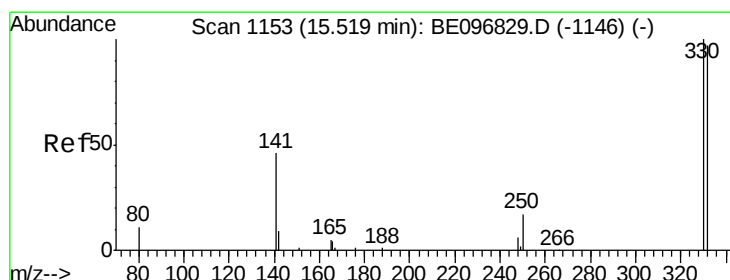
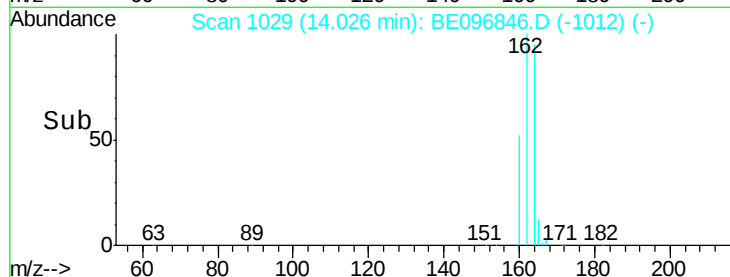
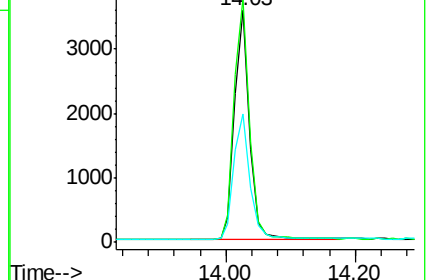
160 55.2 37.1 55.7



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: 0.285 ng

RT: 15.53 min Scan# 1155

Delta R.T. 0.01 min

Lab File: BE096846.D

Acq: 26 Jun 2018 11:08

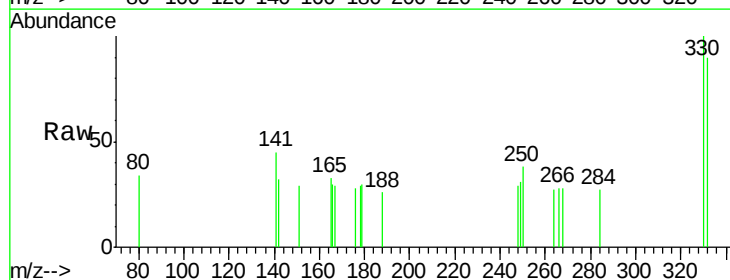
Tgt Ion:330 Resp: 237

Ion Ratio Lower Upper

330 100

332 94.9 152.7 229.1#

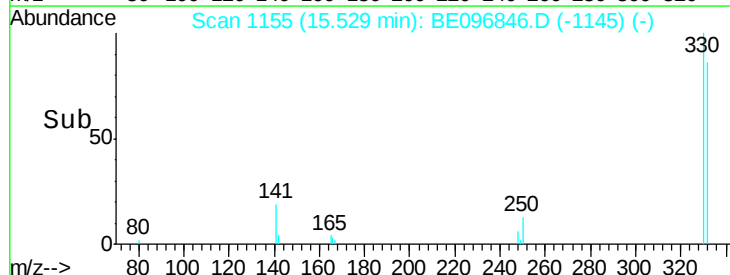
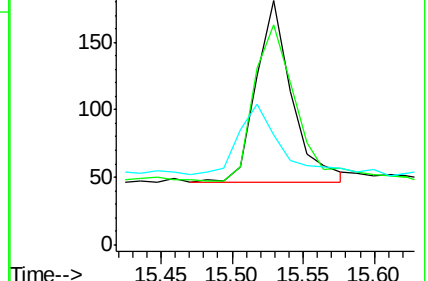
141 43.9 33.7 50.5

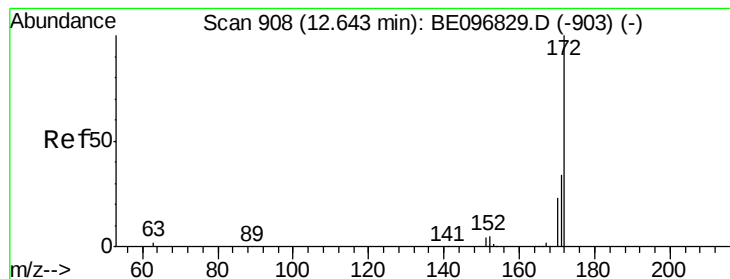


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

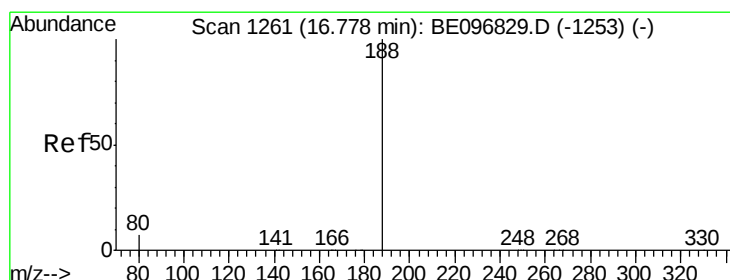
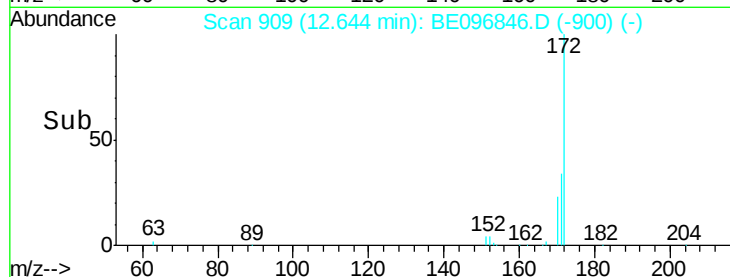
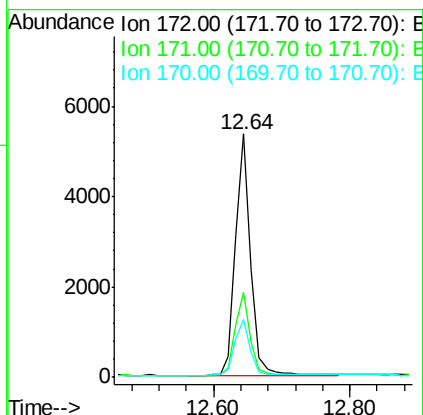
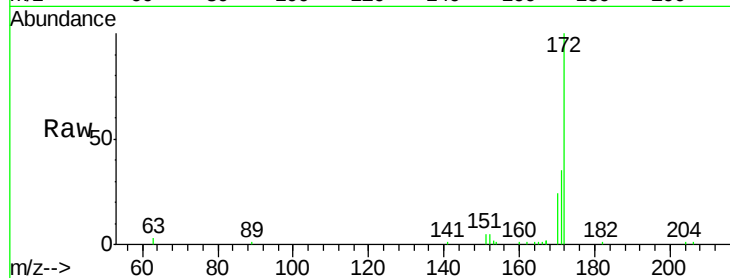




#15
 2-Fluorobiphenyl
 Concen: 0.401 ng
 RT: 12.64 min Scan# 909
 Delta R.T. 0.00 min
 Lab File: BE096846.D
 Acq: 26 Jun 2018 11:08

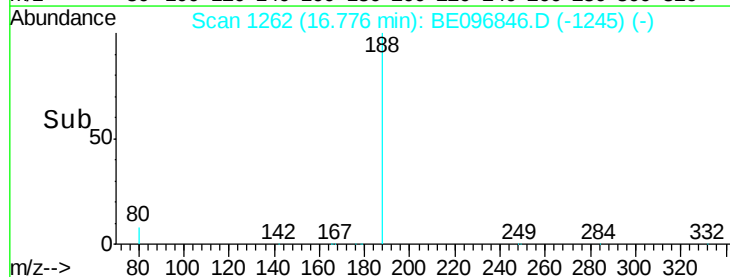
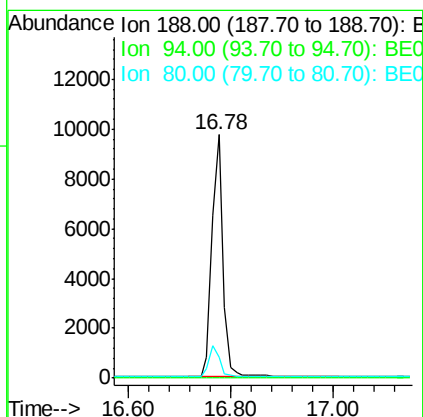
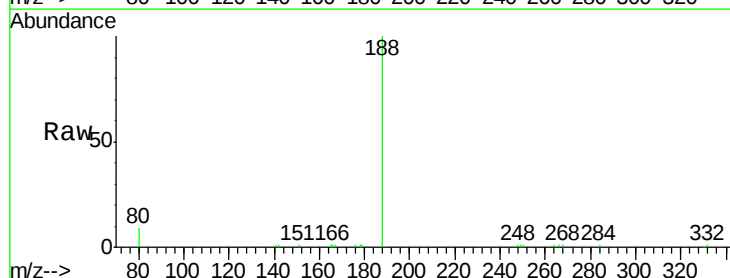
Instrument :
 BNA_E
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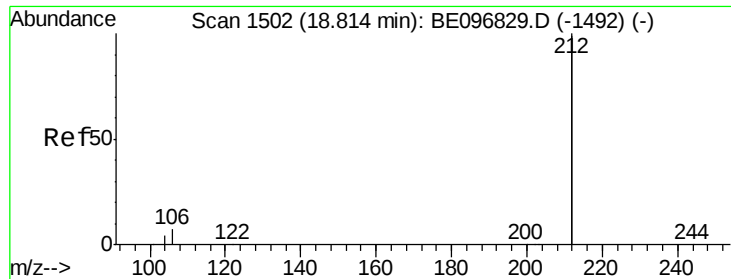
Tgt Ion:172 Resp: 8251
 Ion Ratio Lower Upper
 172 100
 171 34.9 29.9 44.9
 170 23.8 21.8 32.8



#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 16.78 min Scan# 1262
 Delta R.T. -0.00 min
 Lab File: BE096846.D
 Acq: 26 Jun 2018 11:08

Tgt Ion:188 Resp: 14646
 Ion Ratio Lower Upper
 188 100
 94 0.0 3.9 5.9#
 80 8.8 3.6 5.4#





#25

Fluoranthene-d10

Concen: 0.366 ng

RT: 18.82 min Scan# 1504

Delta R.T. 0.00 min

Lab File: BE096846.D

Acq: 26 Jun 2018 11:08

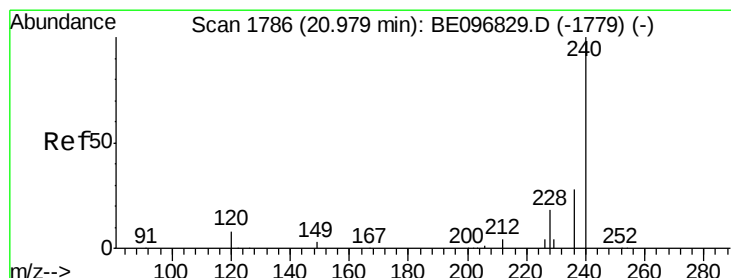
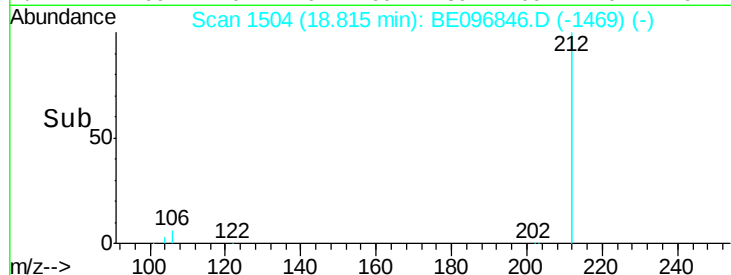
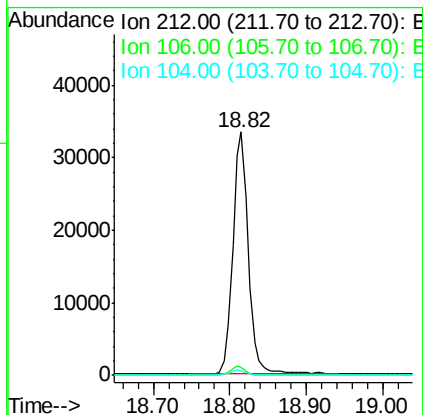
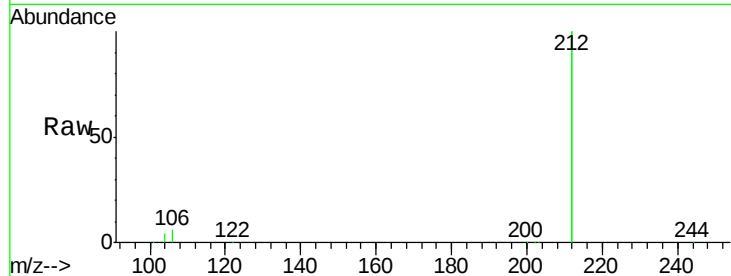
Instrument :

BNA_E

ClientSampleId :

PB110591BL

Tgt Ion:	212	Resp:	47222
Ion	Ratio	Lower	Upper
212	100		
106	3.4	2.8	4.2
104	1.9	1.6	2.4



#27

Chrysene-d12

Concen: 0.400 ng

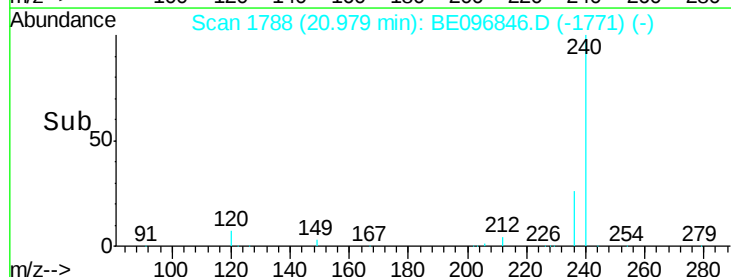
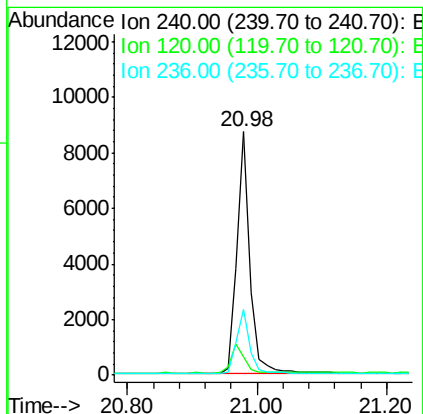
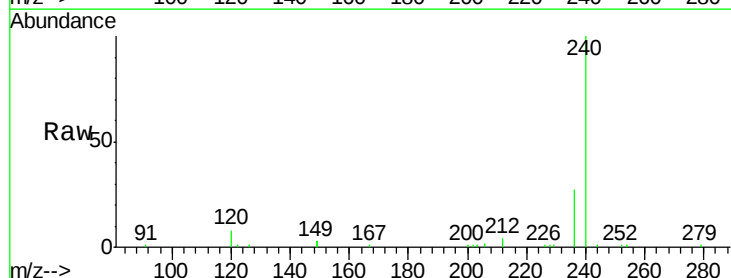
RT: 20.98 min Scan# 1788

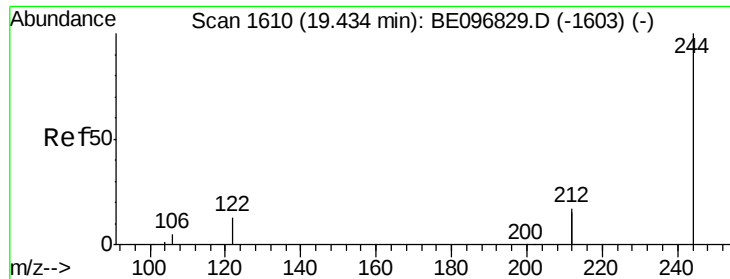
Delta R.T. 0.00 min

Lab File: BE096846.D

Acq: 26 Jun 2018 11:08

Tgt Ion:	240	Resp:	12423
Ion	Ratio	Lower	Upper
240	100		
120	7.6	5.5	8.3
236	26.7	20.7	31.1





#29

Terphenyl-d14

Concen: 0.495 ng

RT: 19.44 min Scan# 1612

Delta R.T. 0.00 min

Lab File: BE096846.D

Acq: 26 Jun 2018 11:08

Instrument :

BNA_E

ClientSampleId :

PB110591BL

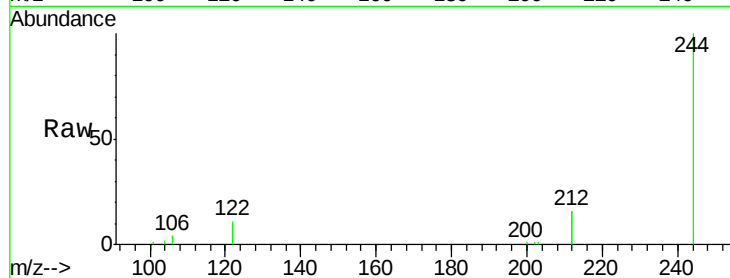
Tgt Ion:244 Resp: 11877

Ion Ratio Lower Upper

244 100

212 32.4 25.4 38.0

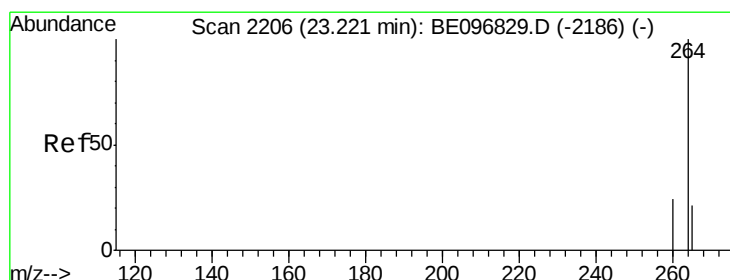
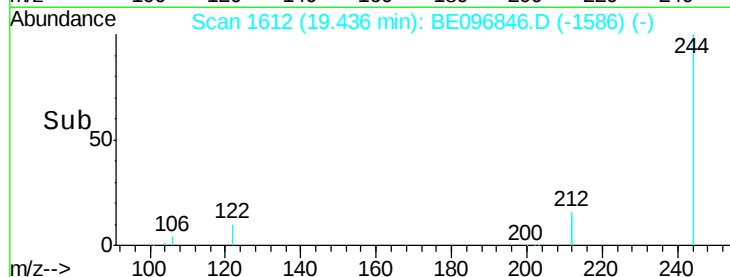
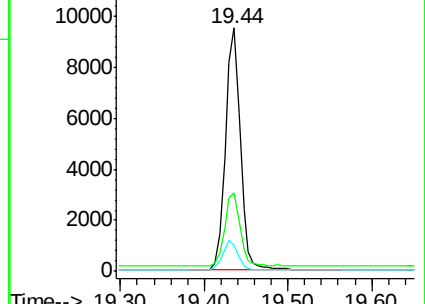
122 10.8 8.1 12.1



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



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.21 min Scan# 2206

Delta R.T. -0.01 min

Lab File: BE096846.D

Acq: 26 Jun 2018 11:08

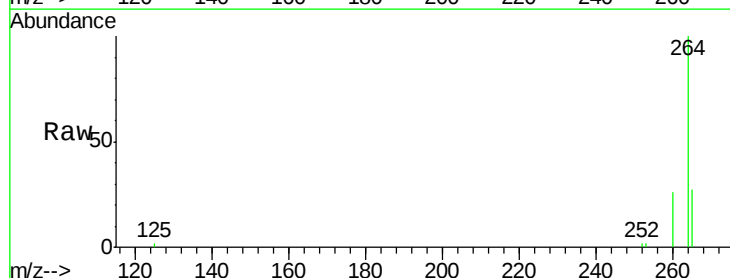
Tgt Ion:264 Resp: 11082

Ion Ratio Lower Upper

264 100

260 26.0 20.5 30.7

265 27.3 22.8 34.2



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

