

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE062118\
 Data File : BE096839.D
 Acq On : 21 Jun 2018 11:22
 Operator : SJ/JU
 Sample : PB110435BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB110435BL

Quant Time: Jun 22 03:00:48 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	3287	0.40	ng	0.00
7) Naphthalene-d8	10.16	136	13790	0.40	ng	0.00
13) Acenaphthene-d10	14.03	164	5784	0.40	ng	0.00
19) Phenanthrene-d10	16.78	188	14898	0.40	ng	0.00
27) Chrysene-d12	20.98	240	12807	0.40	ng	0.00
34) Perylene-d12	23.22	264	10797	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.06	112	2423	0.33	ng	0.01
5) Phenol-d6	6.59	99	3196	0.29	ng	0.00
8) Nitrobenzene-d5	8.53	82	2734	0.33	ng	0.00
11) 2-Methylnaphthalene-d10	11.74	152	6219	0.31	ng	0.00
14) 2,4,6-Tribromophenol	15.53	330	287	0.31	ng	0.01
15) 2-Fluorobiphenyl	12.64	172	8469	0.40	ng	0.00
25) Fluoranthene-d10	18.81	212	49396	0.38	ng	0.00
29) Terphenyl-d14	19.44	244	9624	0.39	ng	0.00

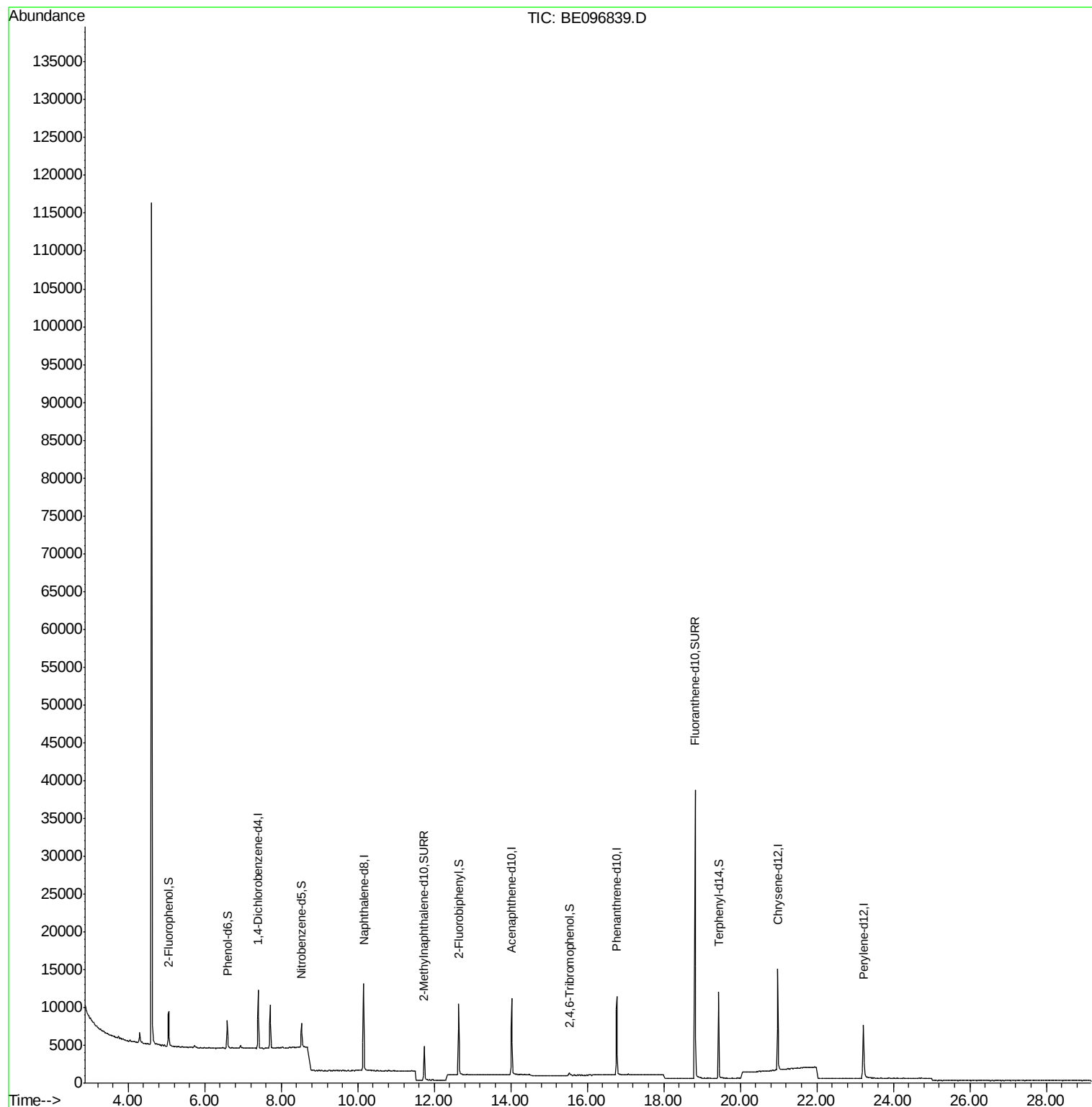
Target Compounds	Qvalue
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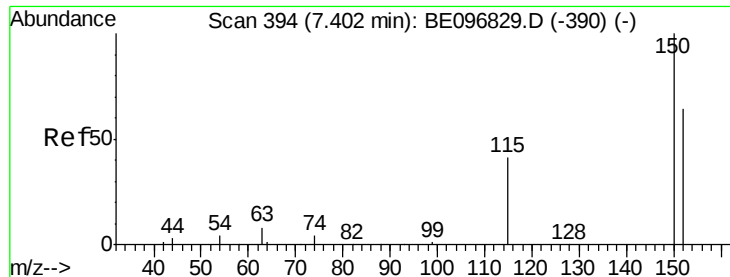
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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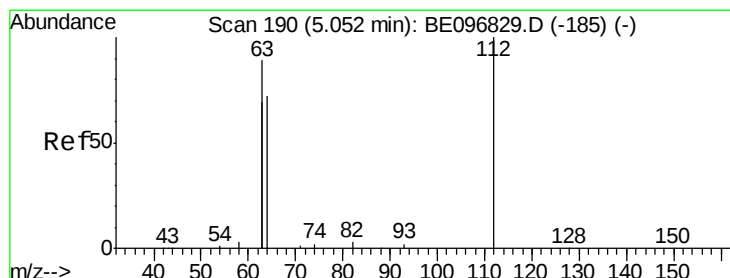
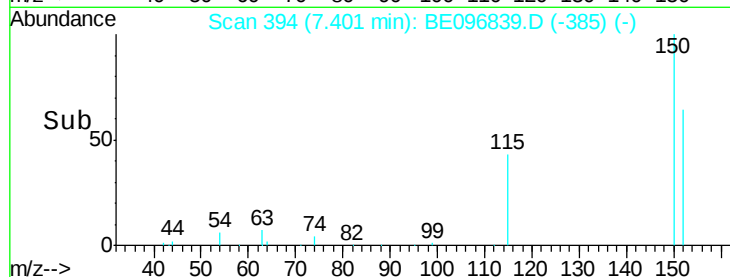
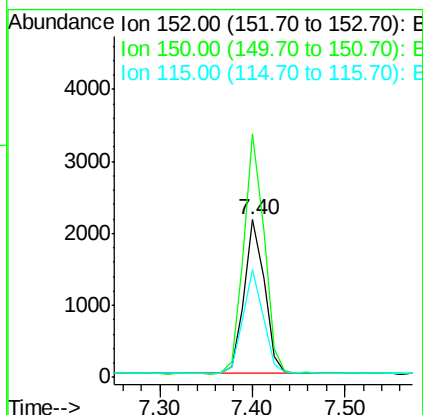
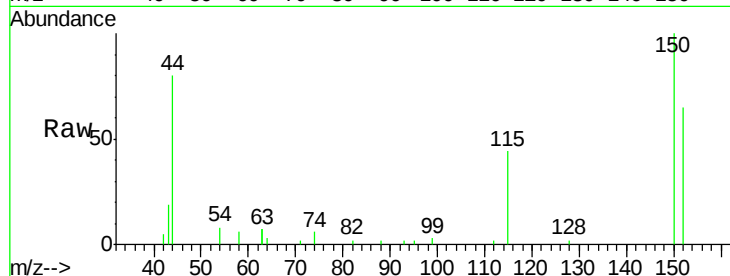


#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 394
Delta R.T. -0.00 min
Lab File: BE096839.D
Acq: 21 Jun 2018 11:22

Instrument :
BNA_E
ClientSampleId :
PB110435BL

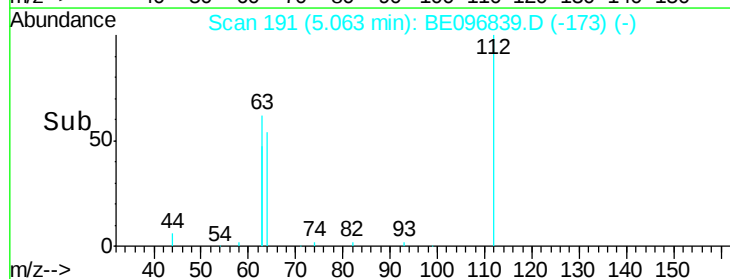
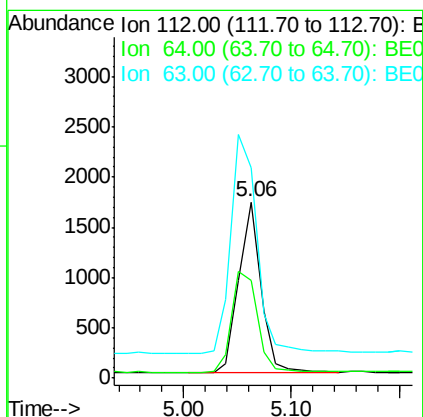
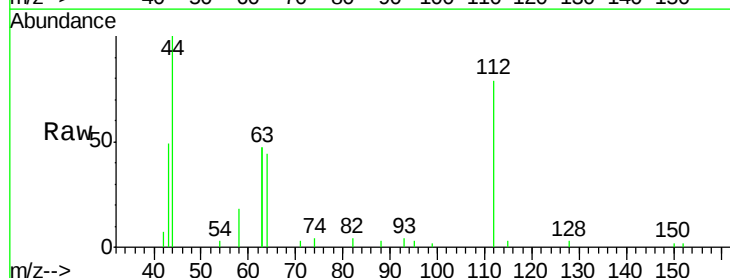
Tgt Ion:152 Resp: 3287
Ion Ratio Lower Upper
152 100
150 154.7 117.2 175.8
115 68.5 57.0 85.6

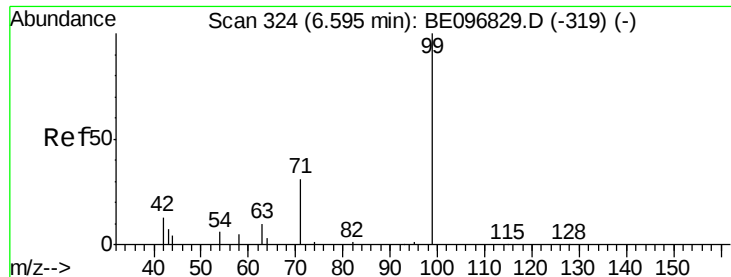


#4

2-Fluorophenol
Concen: 0.330 ng
RT: 5.06 min Scan# 191
Delta R.T. 0.01 min
Lab File: BE096839.D
Acq: 21 Jun 2018 11:22

Tgt Ion:112 Resp: 2423
Ion Ratio Lower Upper
112 100
64 70.2 60.1 90.1
63 152.0 116.8 175.2





#5

Phenol-d6

Concen: 0.292 ng

RT: 6.59 min Scan# 324

Delta R.T. -0.00 min

Lab File: BE096839.D

Acq: 21 Jun 2018 11:22

Instrument :

BNA_E

ClientSampleId :

PB110435BL

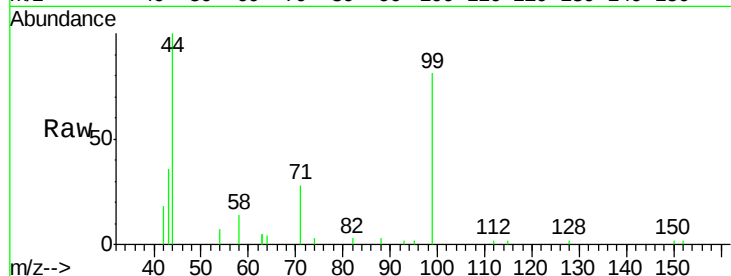
Tgt Ion: 99 Resp: 3196

Ion Ratio Lower Upper

99 100

42 24.3 20.2 30.2

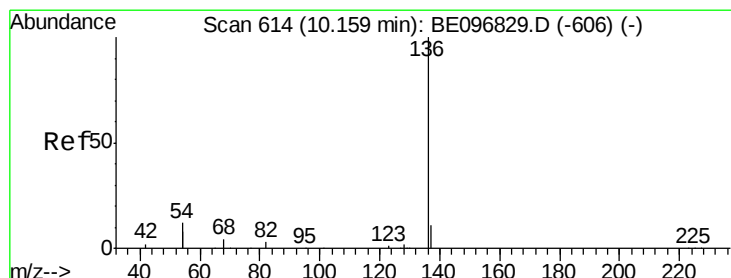
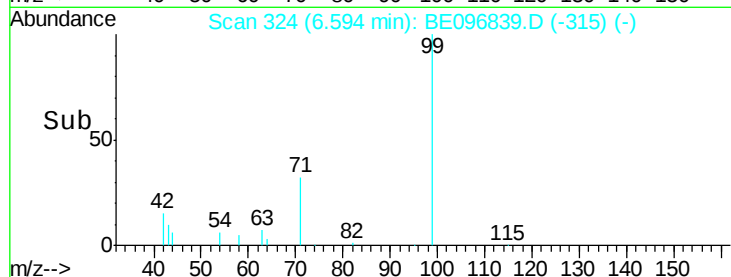
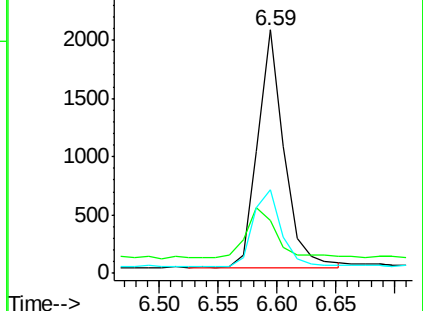
71 35.3 28.4 42.6



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: BE096839.D

Acq: 21 Jun 2018 11:22

Tgt Ion: 136 Resp: 13790

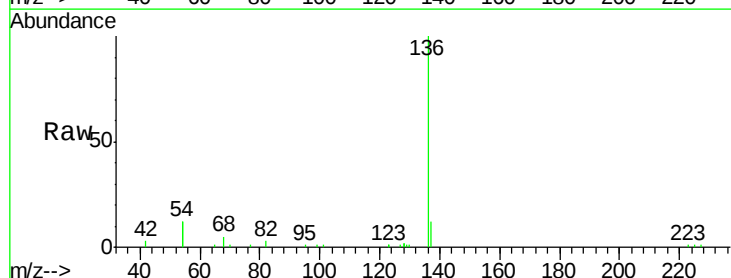
Ion Ratio Lower Upper

136 100

137 11.5 9.5 14.3

54 23.2 29.1 43.7#

68 4.8 6.2 9.2#

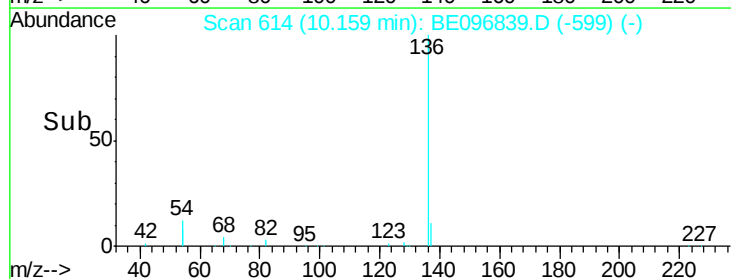
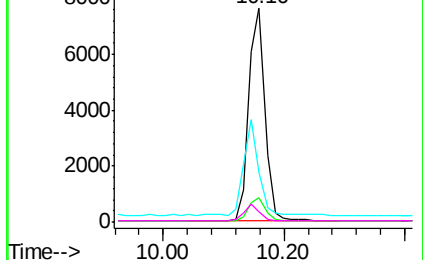


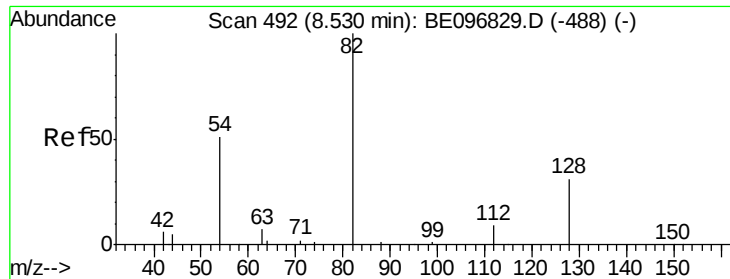
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.327 ng

RT: 8.53 min Scan# 492

Delta R.T. -0.00 min

Lab File: BE096839.D

Acq: 21 Jun 2018 11:22

Instrument :

BNA_E

ClientSampleId :

PB110435BL

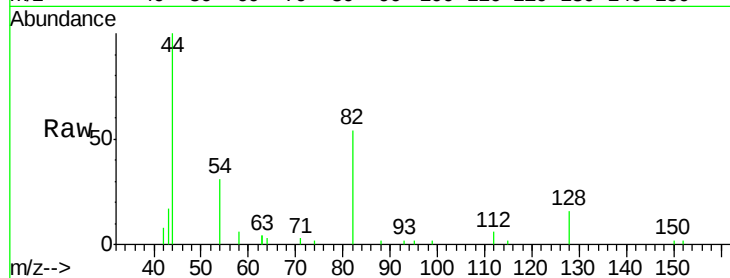
Tgt Ion: 82 Resp: 2734

Ion Ratio Lower Upper

82 100

128 29.9 24.0 36.0

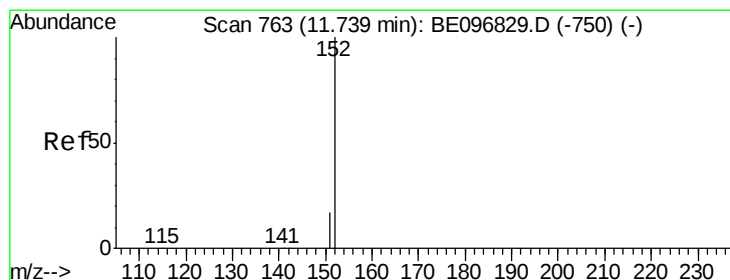
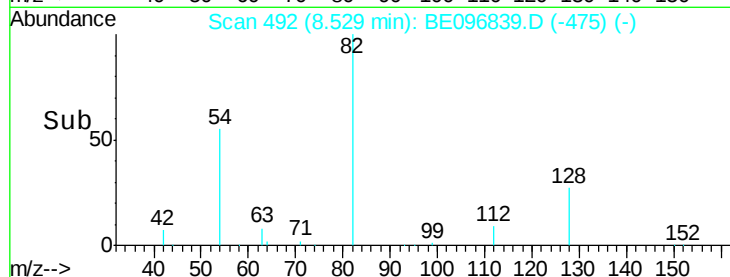
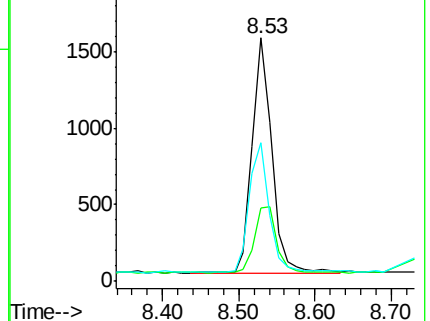
54 56.9 40.0 60.0



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: 0.313 ng

RT: 11.74 min Scan# 763

Delta R.T. 0.00 min

Lab File: BE096839.D

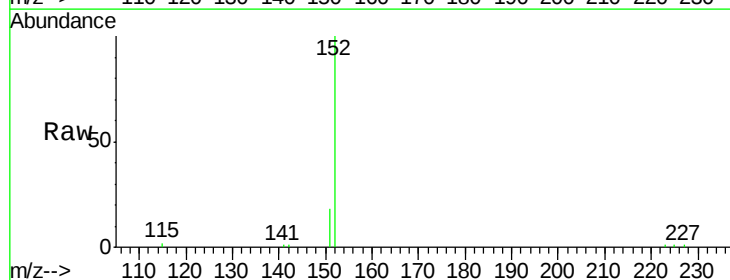
Acq: 21 Jun 2018 11:22

Tgt Ion: 152 Resp: 6219

Ion Ratio Lower Upper

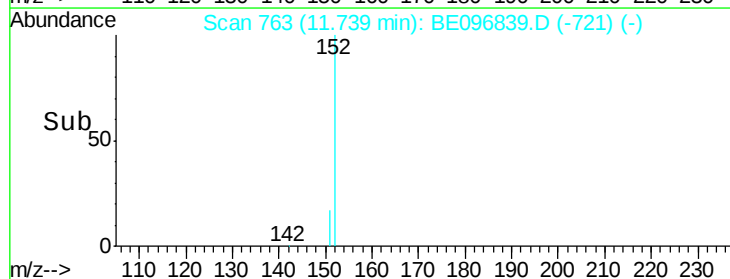
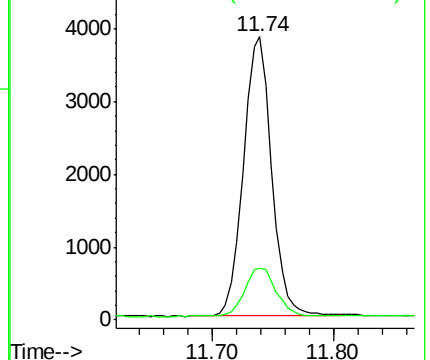
152 100

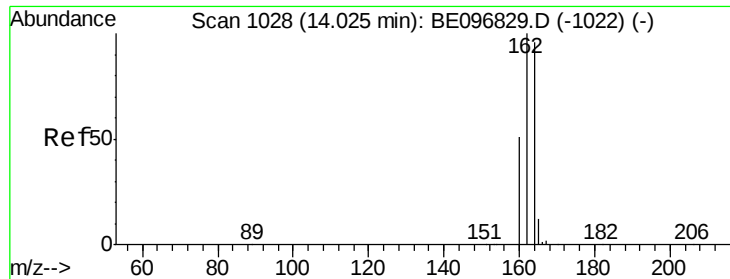
151 19.2 15.4 23.0



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: BE096839.D

Acq: 21 Jun 2018 11:22

Instrument :

BNA_E

ClientSampleId :

PB110435BL

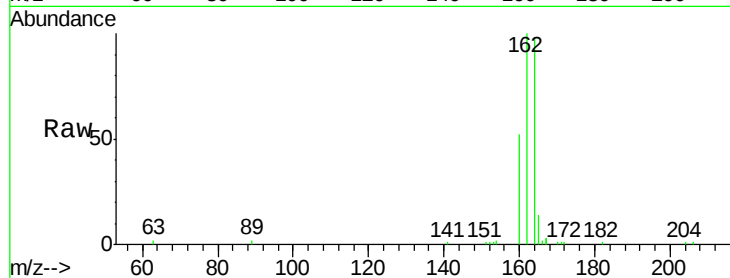
Tgt Ion:164 Resp: 5784

Ion Ratio Lower Upper

164 100

162 102.0 83.1 124.7

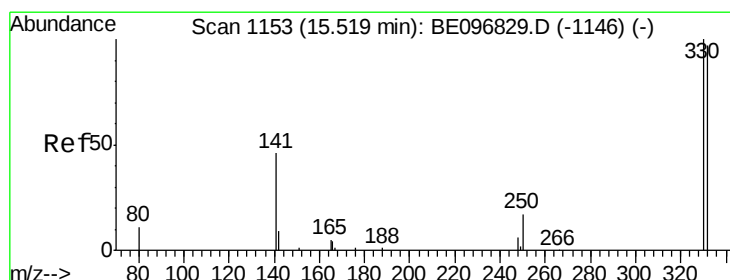
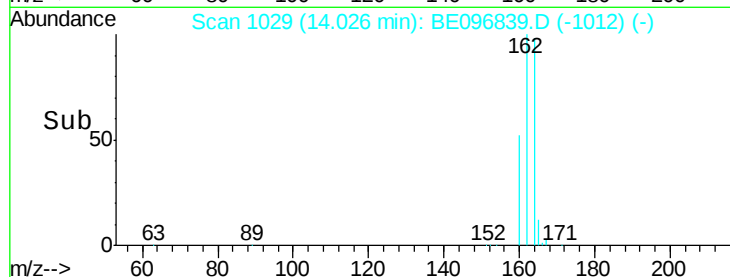
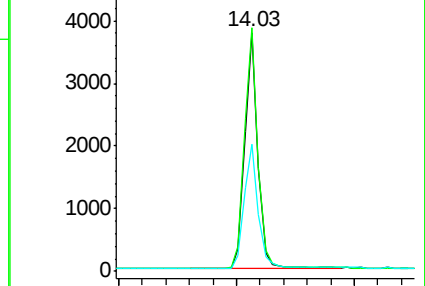
160 53.3 37.1 55.7



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: 0.307 ng

RT: 15.53 min Scan# 1155

Delta R.T. 0.01 min

Lab File: BE096839.D

Acq: 21 Jun 2018 11:22

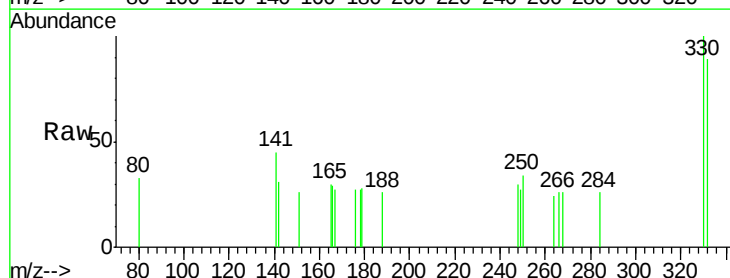
Tgt Ion:330 Resp: 287

Ion Ratio Lower Upper

330 100

332 84.3 152.7 229.1#

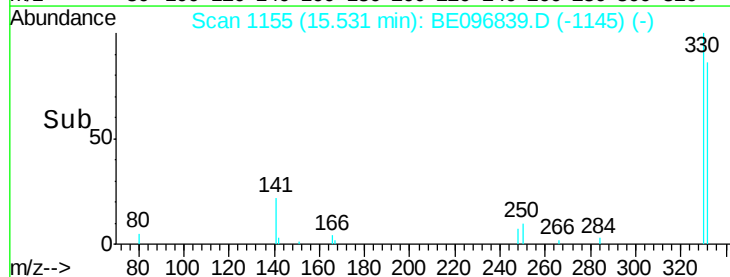
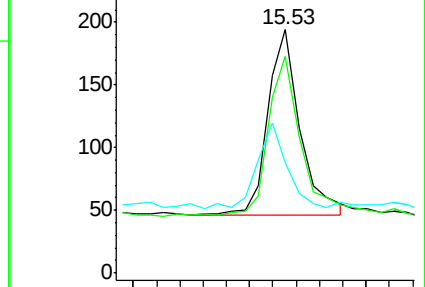
141 43.2 33.7 50.5

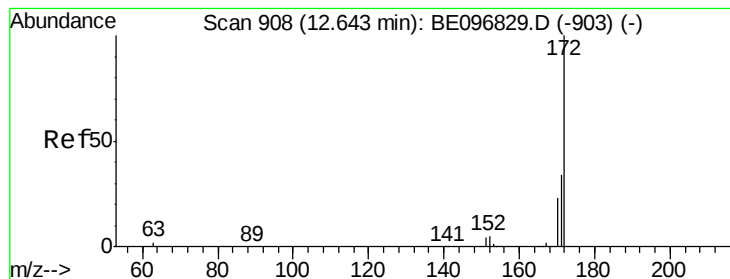


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.400 ng

RT: 12.64 min Scan# 909

Delta R.T. 0.00 min

Lab File: BE096839.D

Acq: 21 Jun 2018 11:22

Instrument :

BNA_E

ClientSampleId :

PB110435BL

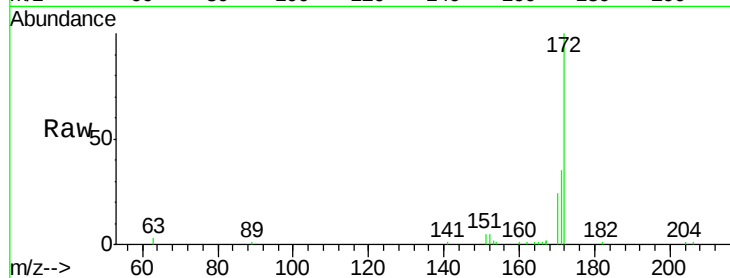
Tgt Ion:172 Resp: 8469

Ion Ratio Lower Upper

172 100

171 35.0 29.9 44.9

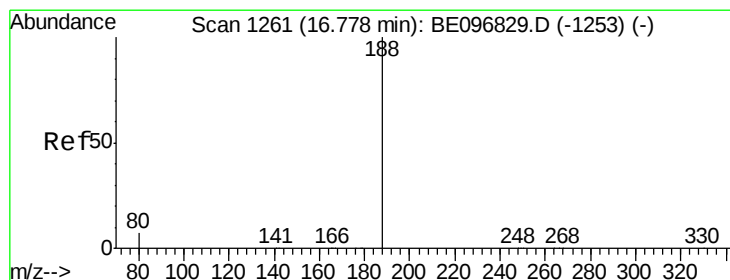
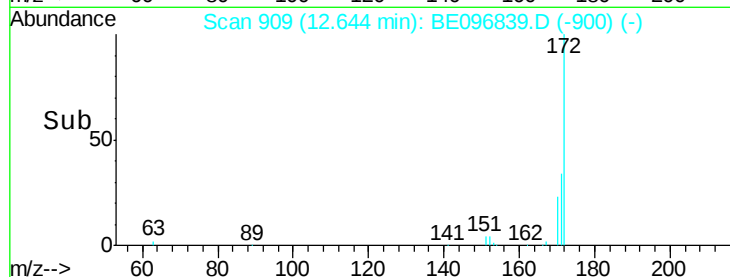
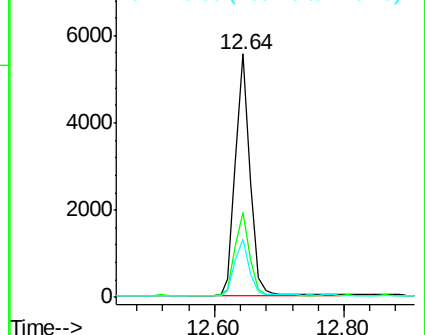
170 24.0 21.8 32.8



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



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.78 min Scan# 1262

Delta R.T. 0.00 min

Lab File: BE096839.D

Acq: 21 Jun 2018 11:22

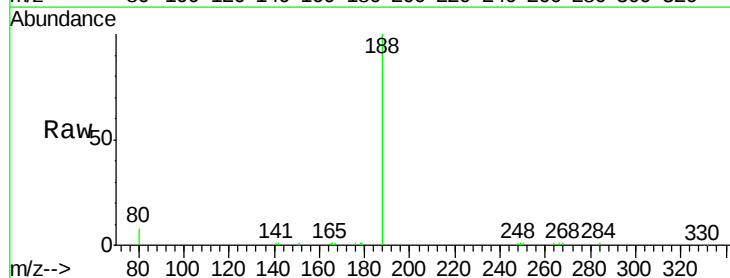
Tgt Ion:188 Resp: 14898

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

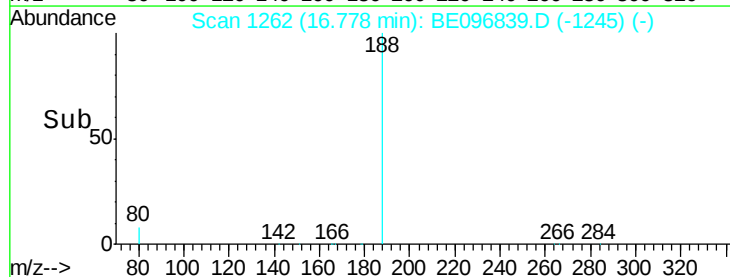
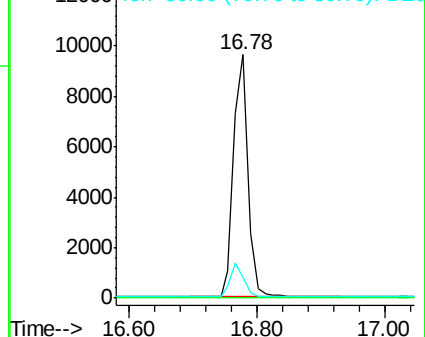
80 8.4 3.6 5.4#

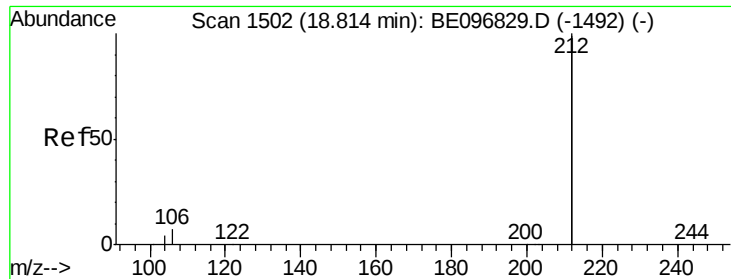


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0





#25

Fluoranthene-d10

Concen: 0.377 ng

RT: 18.81 min Scan# 1503

Delta R.T. 0.00 min

Lab File: BE096839.D

Acq: 21 Jun 2018 11:22

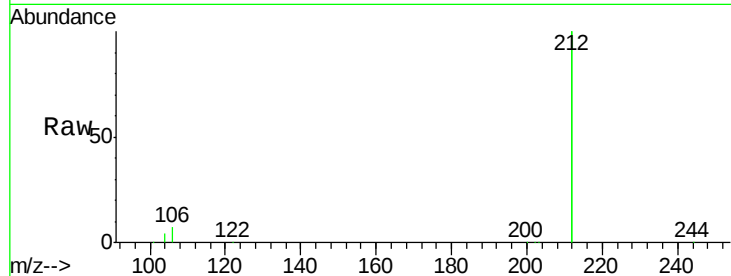
Instrument :

BNA_E

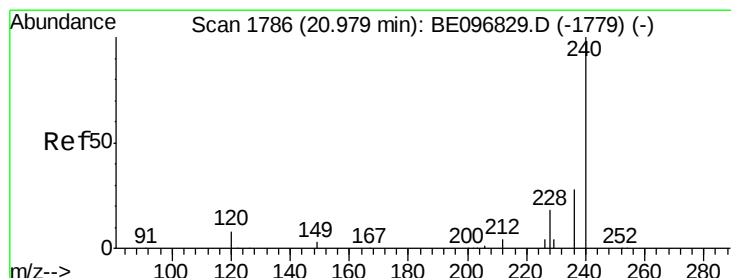
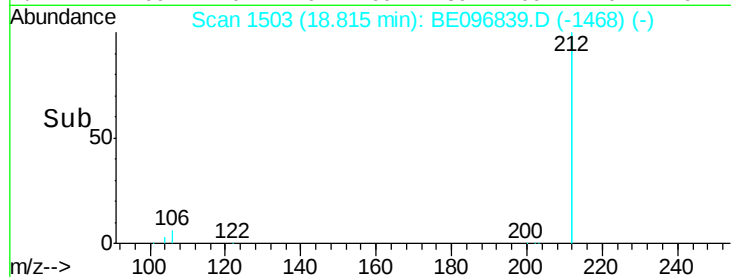
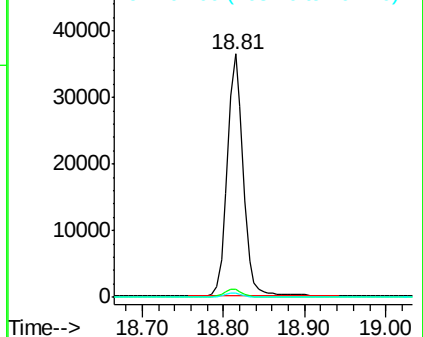
ClientSampleId :

PB110435BL

Tgt Ion:	212	Resp:	49396
Ion	Ratio	Lower	Upper
212	100		
106	3.4	2.8	4.2
104	1.9	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

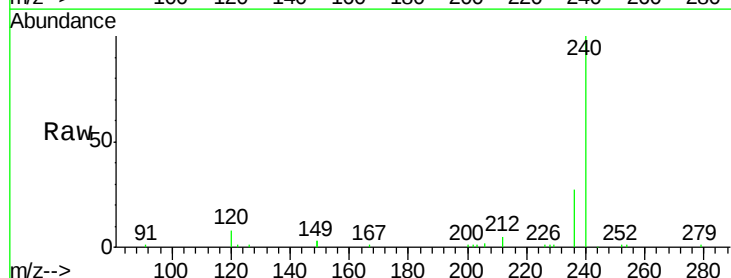
RT: 20.98 min Scan# 1787

Delta R.T. 0.00 min

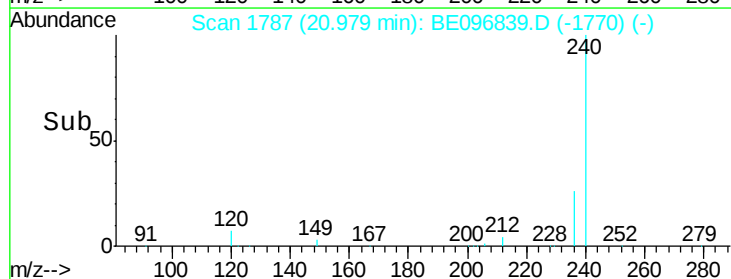
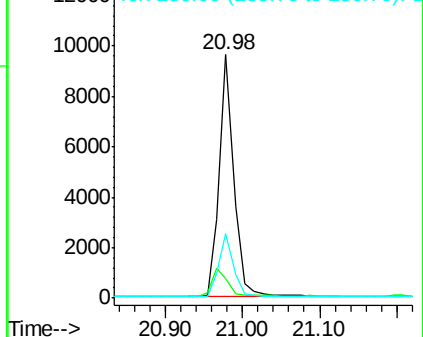
Lab File: BE096839.D

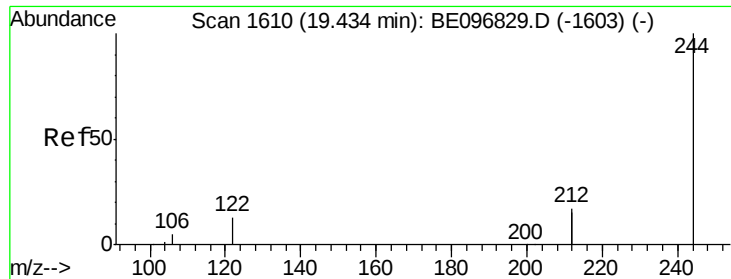
Acq: 21 Jun 2018 11:22

Tgt Ion:	240	Resp:	12807
Ion	Ratio	Lower	Upper
240	100		
120	7.9	5.5	8.3
236	26.6	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: 0.389 ng

RT: 19.44 min Scan# 1611

Delta R.T. 0.00 min

Lab File: BE096839.D

Acq: 21 Jun 2018 11:22

Instrument :

BNA_E

ClientSampleId :

PB110435BL

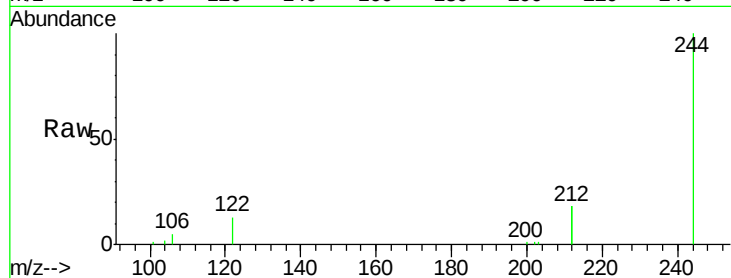
Tgt Ion:244 Resp: 9624

Ion Ratio Lower Upper

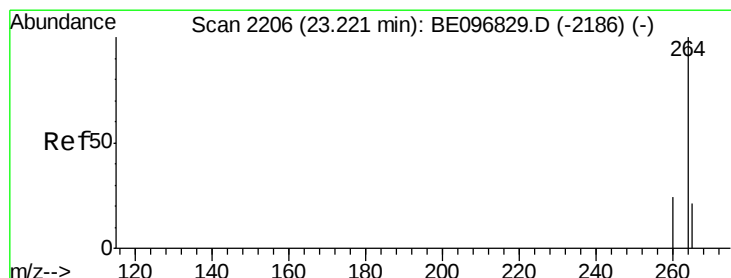
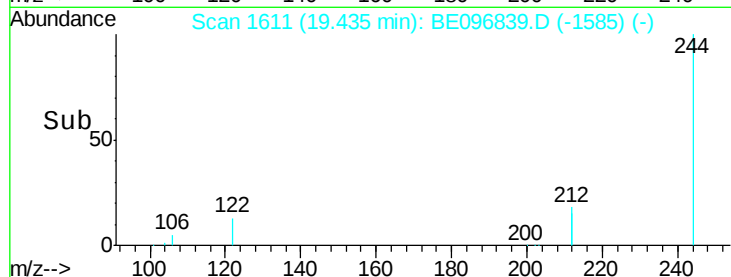
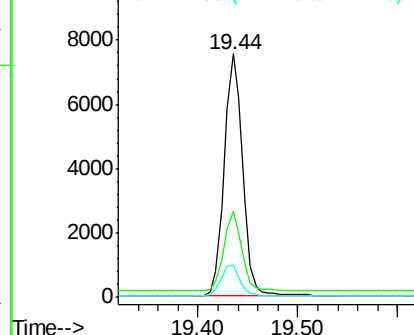
244 100

212 35.6 25.4 38.0

122 13.4 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: 23.22 min Scan# 2206

Delta R.T. -0.00 min

Lab File: BE096839.D

Acq: 21 Jun 2018 11:22

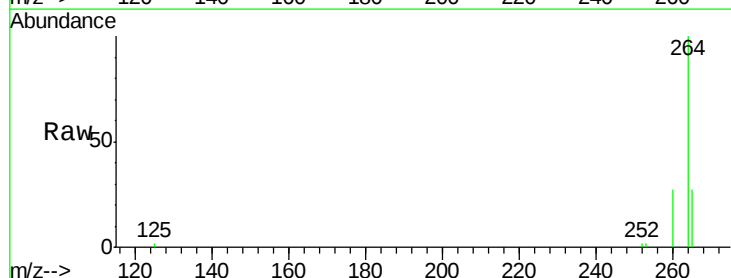
Tgt Ion:264 Resp: 10797

Ion Ratio Lower Upper

264 100

260 27.2 20.5 30.7

265 27.0 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

