

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE061418\
 Data File : BE096781.D
 Acq On : 14 Jun 2018 11:13
 Operator : SJ/JU
 Sample : PB110224BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Quant Time: Jun 15 03:06:58 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE061118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 11 15:26:51 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	3572	0.40	ng	0.00
7) Naphthalene-d8	10.17	136	14451	0.40	ng	0.00
13) Acenaphthene-d10	14.03	164	5640	0.40	ng	0.00
19) Phenanthrene-d10	16.78	188	14072	0.40	ng	0.00
27) Chrysene-d12	20.98	240	11571	0.40	ng	-0.01
34) Perylene-d12	23.22	264	11227	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.06	112	2269	0.35	ng	0.00
5) Phenol-d6	6.59	99	3059	0.32	ng	0.00
8) Nitrobenzene-d5	9.07	82	27	0.00	ng	-0.03
11) 2-Methylnaphthalene-d10	11.74	152	5884	0.26	ng	0.00
14) 2,4,6-Tribromophenol	15.53	330	238	0.27	ng	0.00
15) 2-Fluorobiphenyl	12.64	172	7866	0.32	ng	-0.01
25) Fluoranthene-d10	18.82	212	37865	0.26	ng	0.00
29) Terphenyl-d14	19.44	244	7453	0.28	ng	0.00

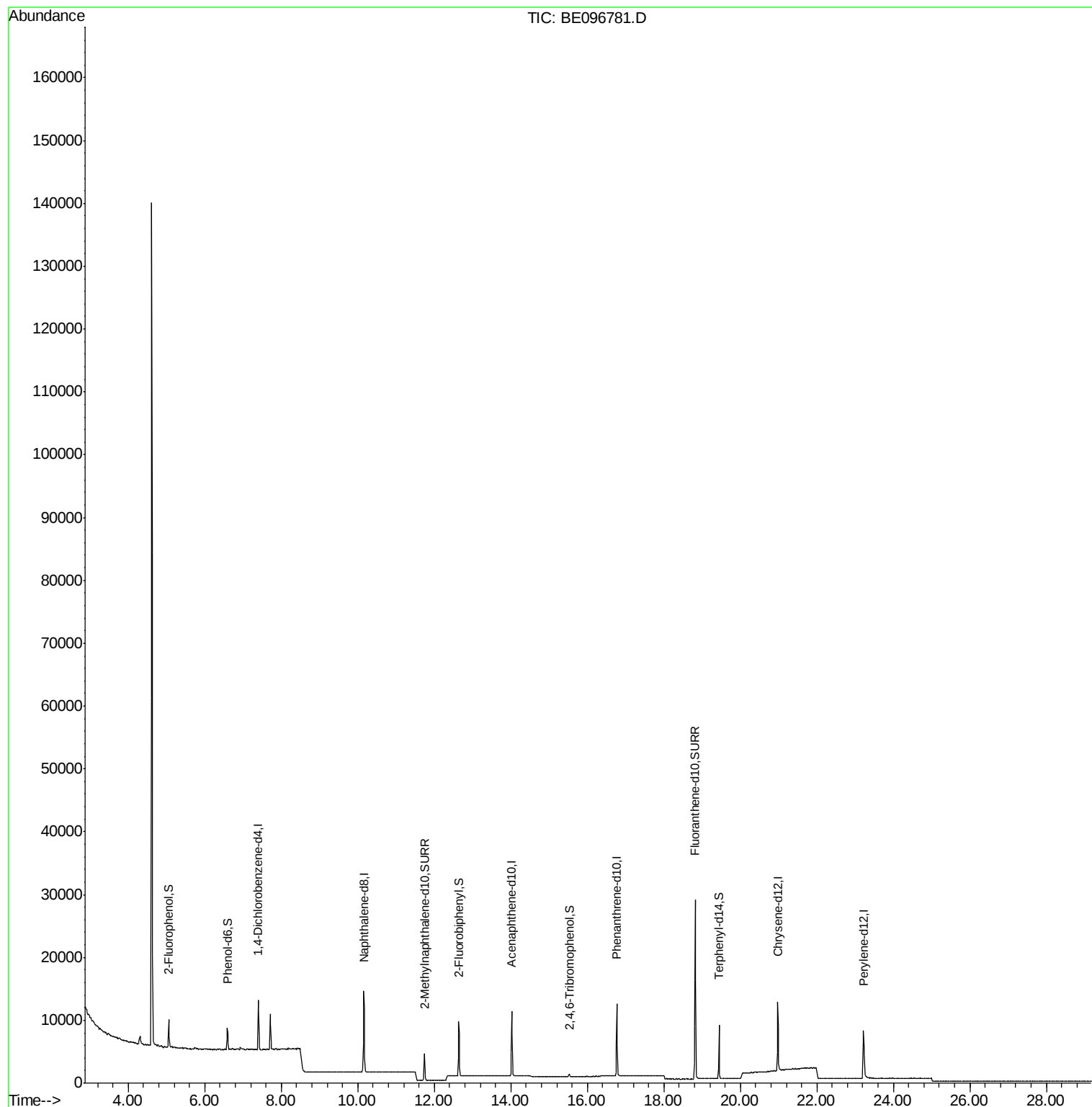
Target Compounds	Qvalue
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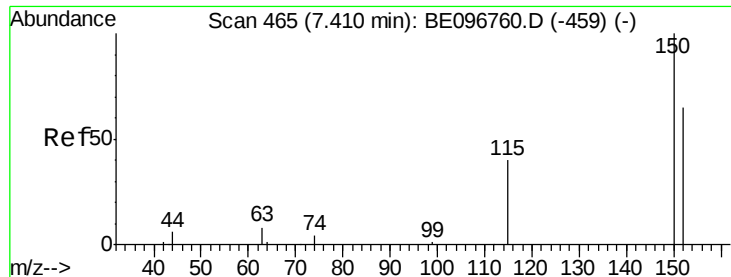
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.40 min Scan# 464

Delta R.T. -0.01 min

Lab File: BE096781.D

Acq: 14 Jun 2018 11:13

Instrument :

BNA_F

ClientSampleId :

DFTPP

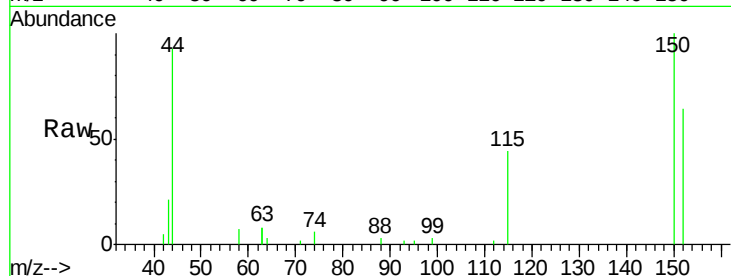
Tgt Ion:152 Resp: 3572

Ion Ratio Lower Upper

152 100

150 155.1 117.2 175.8

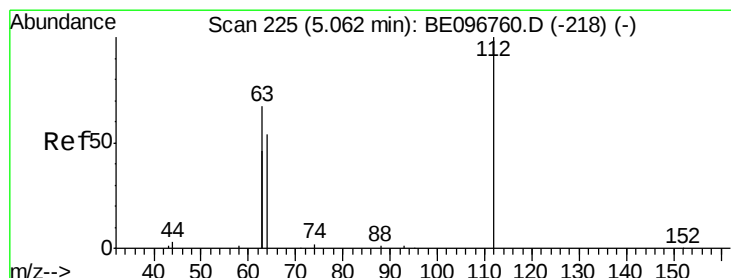
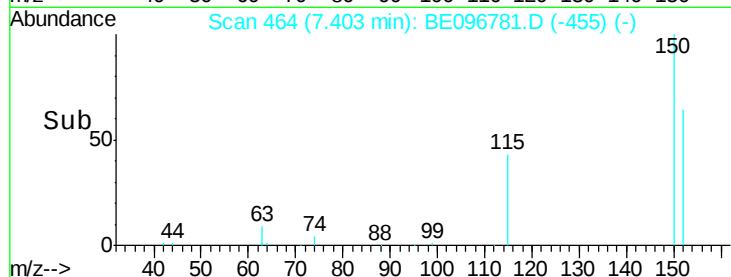
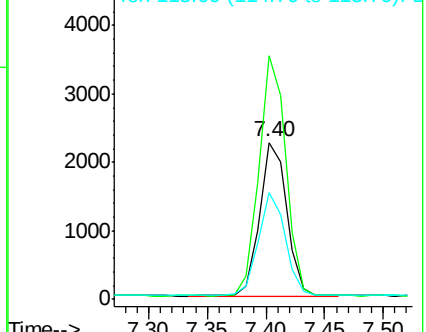
115 68.2 57.0 85.6



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: 0.352 ng

RT: 5.06 min Scan# 225

Delta R.T. 0.00 min

Lab File: BE096781.D

Acq: 14 Jun 2018 11:13

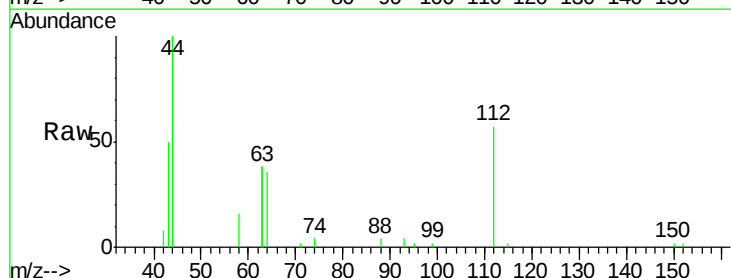
Tgt Ion:112 Resp: 2269

Ion Ratio Lower Upper

112 100

64 66.0 60.1 90.1

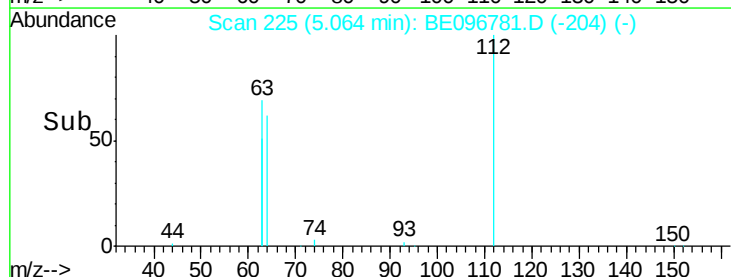
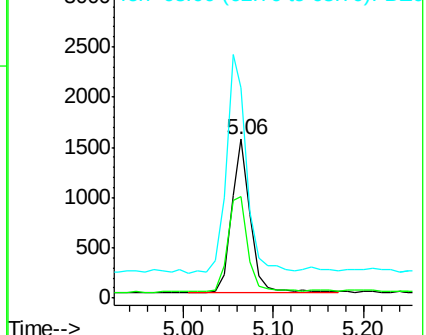
63 152.2 116.8 175.2

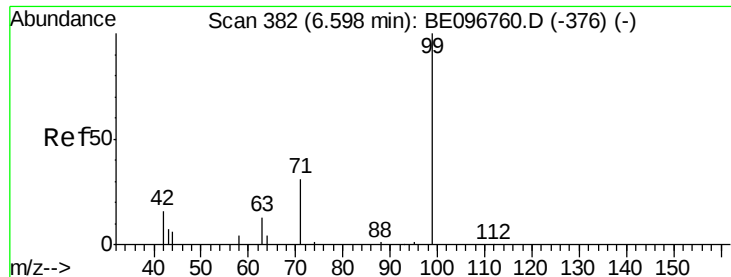


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.325 ng

RT: 6.59 min Scan# 381

Delta R.T. -0.01 min

Lab File: BE096781.D

Acq: 14 Jun 2018 11:13

Instrument :

BNA_F

ClientSampleId :

DFTPP

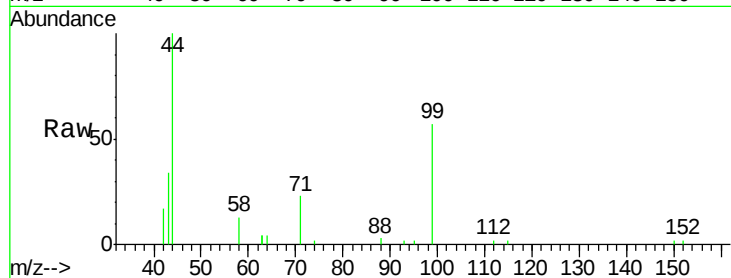
Tgt Ion: 99 Resp: 3059

Ion Ratio Lower Upper

99 100

42 23.5 20.2 30.2

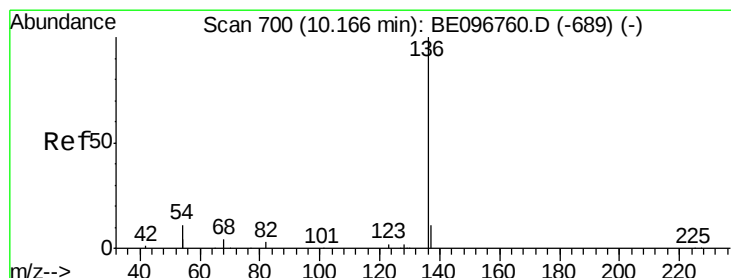
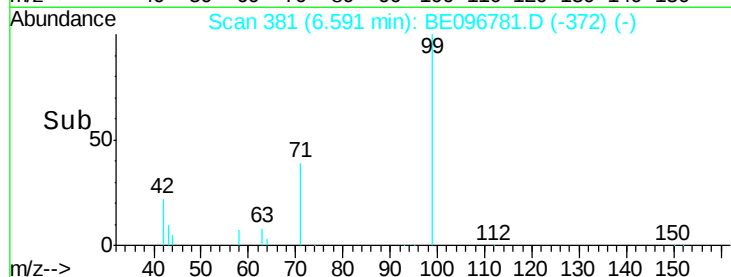
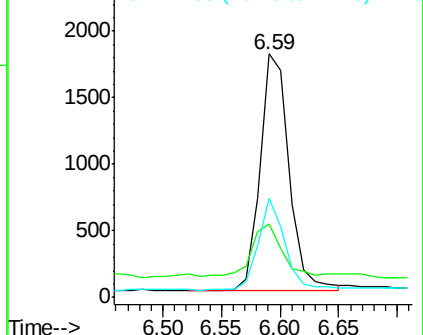
71 35.7 28.4 42.6



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: 10.17 min Scan# 700

Delta R.T. -0.00 min

Lab File: BE096781.D

Acq: 14 Jun 2018 11:13

Tgt Ion: 136 Resp: 14451

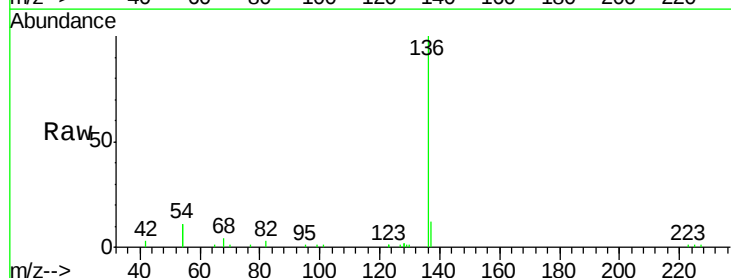
Ion Ratio Lower Upper

136 100

137 12.2 9.5 14.3

54 21.0 29.1 43.7#

68 4.1 6.2 9.2#

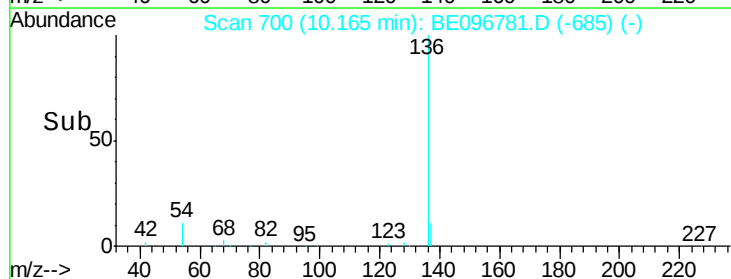
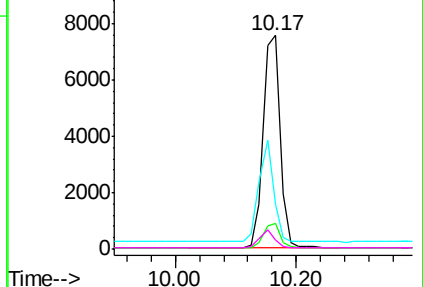


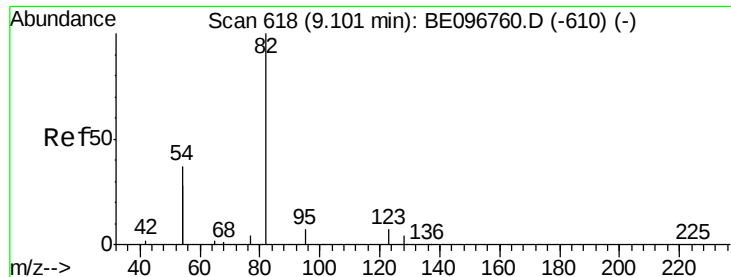
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.002 ng

RT: 9.07 min Scan# 616

Delta R.T. -0.03 min

Lab File: BE096781.D

Acq: 14 Jun 2018 11:13

Instrument :

BNA_F

ClientSampleId :

DFTPP

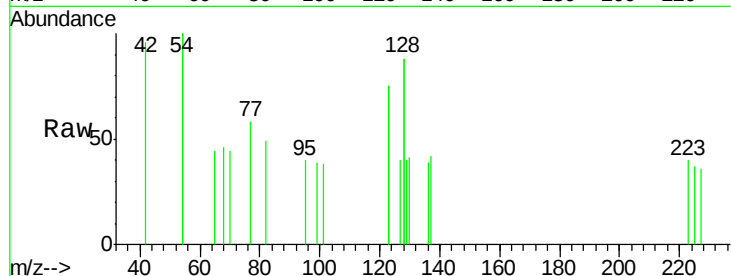
Tgt Ion: 82 Resp: 27

Ion Ratio Lower Upper

82 100

128 364.2 150.0 225.0#

54 411.9 154.2 231.4#

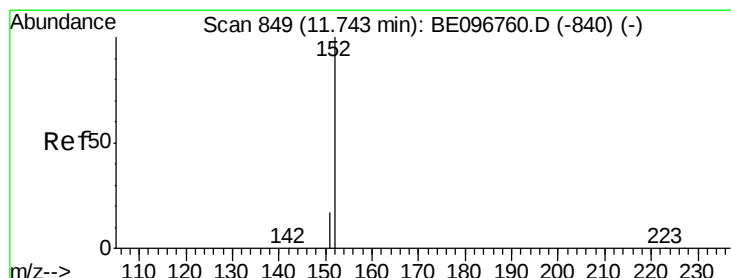
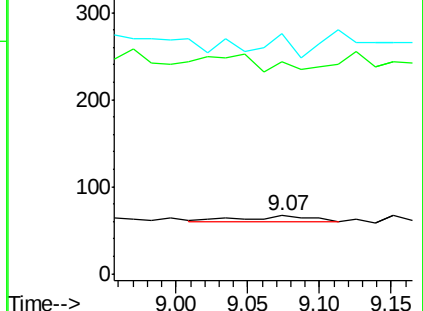
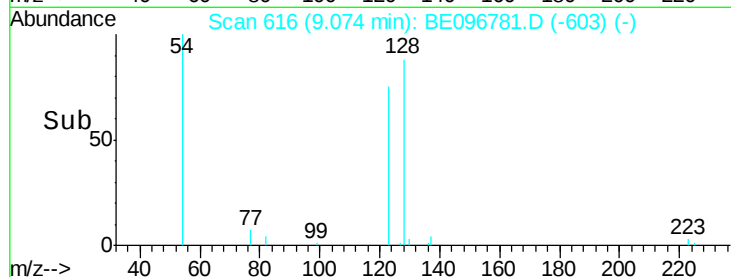


Abundance Ion 82.00 (81.70 to 82.70): BE096760.D (-610) (-)

Ion 128.00 (127.70 to 128.70): BE096760.D (-610) (-)

Ion 54.00 (53.70 to 54.70): BE096760.D (-610) (-)

Time-->



#11

2-Methylnaphthalene-d10

Concen: 0.262 ng

RT: 11.74 min Scan# 849

Delta R.T. -0.00 min

Lab File: BE096781.D

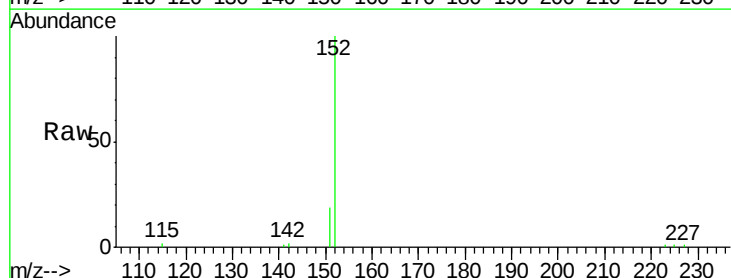
Acq: 14 Jun 2018 11:13

Tgt Ion: 152 Resp: 5884

Ion Ratio Lower Upper

152 100

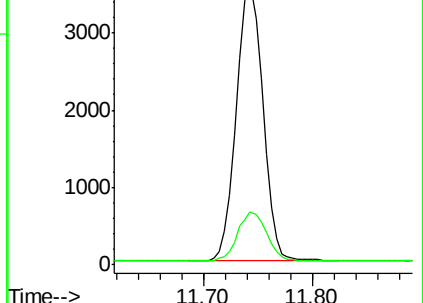
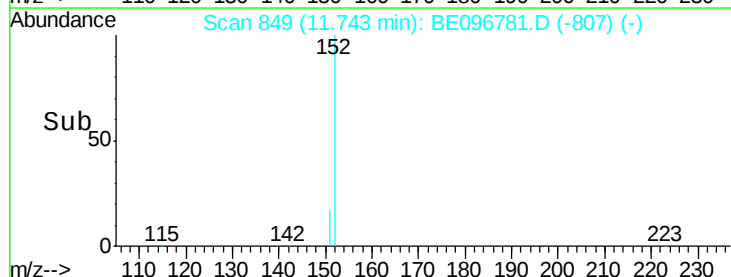
151 19.4 15.4 23.0

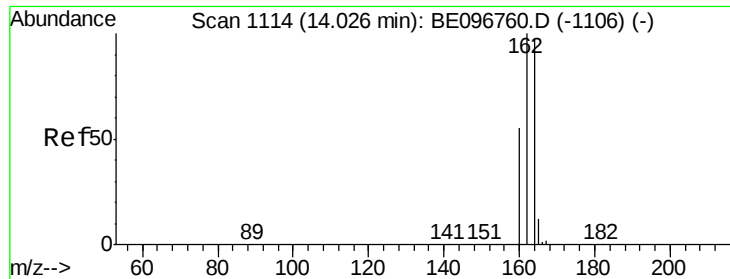


Abundance Ion 152.00 (151.70 to 152.70): BE096760.D (-840) (-)

Ion 151.00 (150.70 to 151.70): BE096760.D (-840) (-)

Time-->

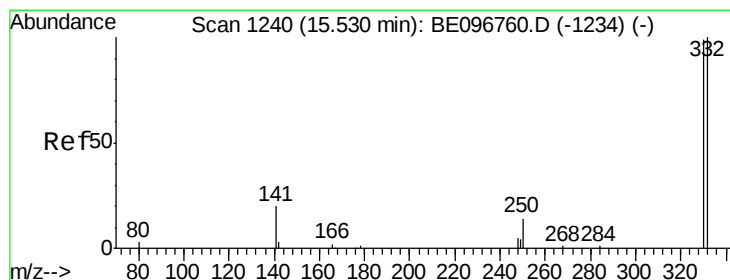
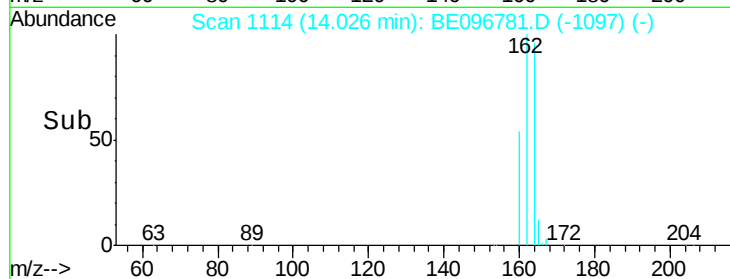
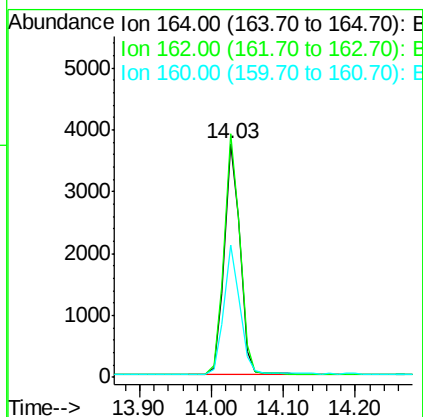
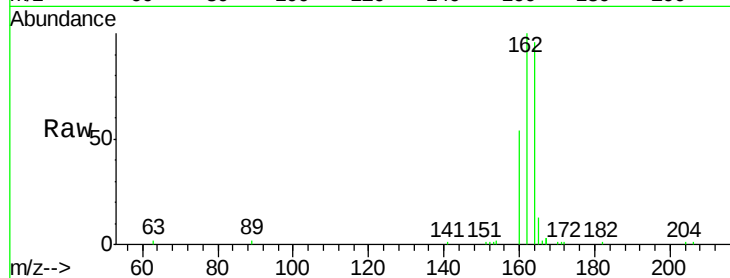




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.03 min Scan# 1114
 Delta R.T. -0.00 min
 Lab File: BE096781.D
 Acq: 14 Jun 2018 11:13

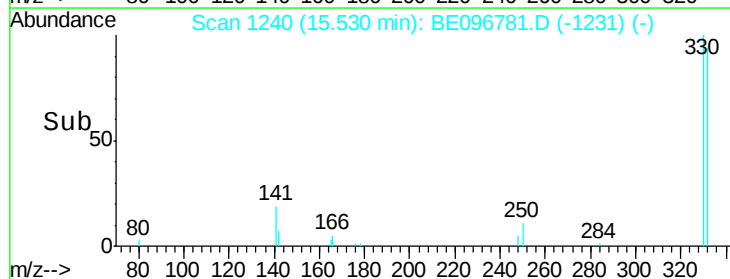
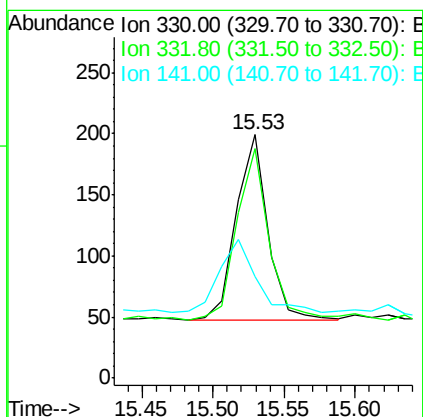
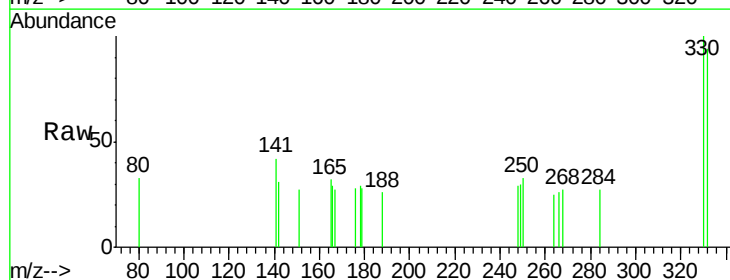
Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

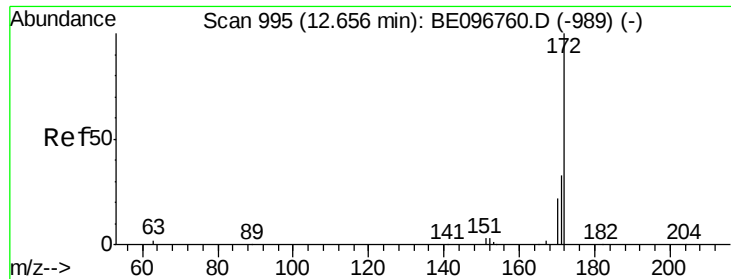
Tgt Ion: 164 Resp: 5640
 Ion Ratio Lower Upper
 164 100
 162 104.3 83.1 124.7
 160 56.4 37.1 55.7#



#14
 2,4,6-Tribromophenol
 Concen: 0.267 ng
 RT: 15.53 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: BE096781.D
 Acq: 14 Jun 2018 11:13

Tgt Ion: 330 Resp: 238
 Ion Ratio Lower Upper
 330 100
 332 94.1 152.7 229.1#
 141 44.5 33.7 50.5

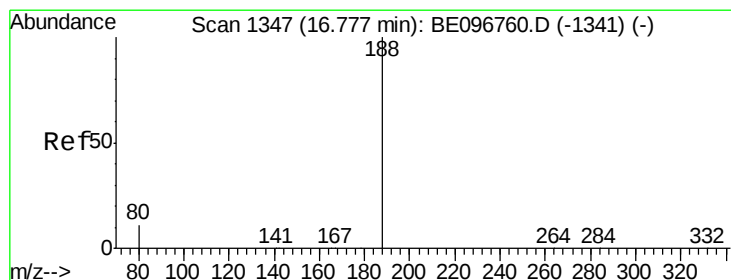
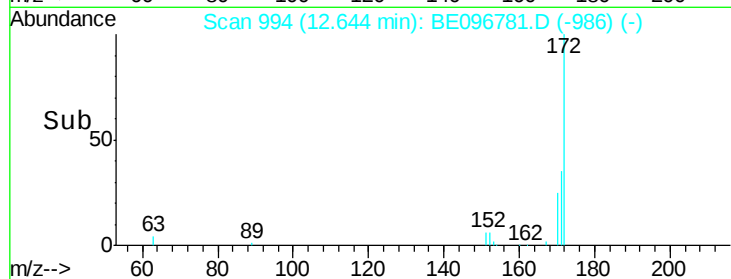
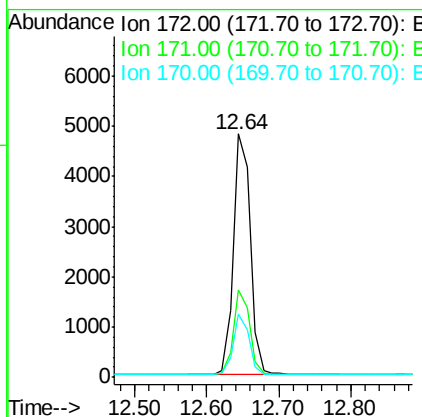
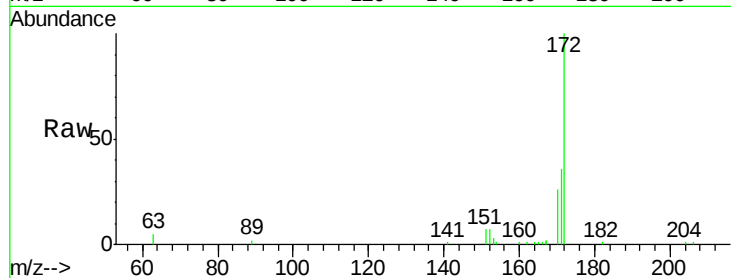




#15
2-Fluorobiphenyl
Concen: 0.317 ng
RT: 12.64 min Scan# 994
Delta R.T. -0.01 min
Lab File: BE096781.D
Acq: 14 Jun 2018 11:13

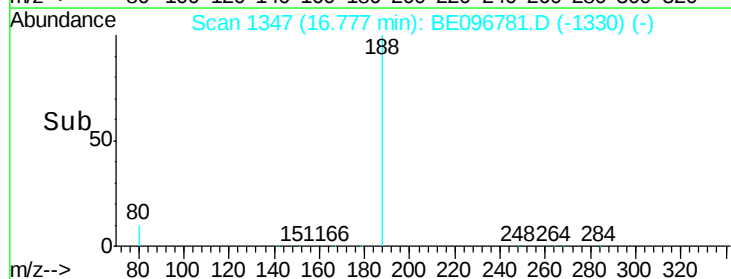
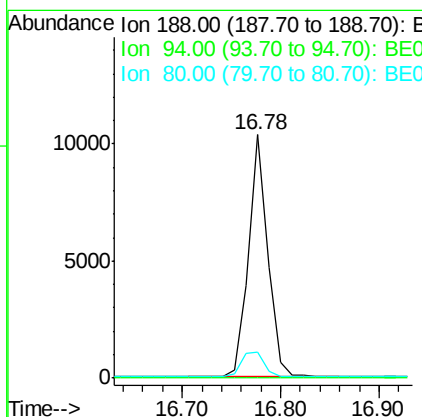
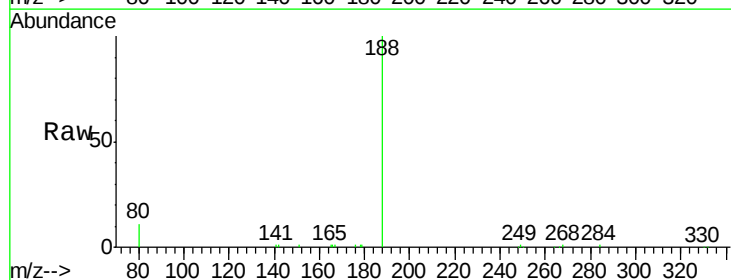
Instrument :
BNA_F
ClientSampleId :
DFTPP

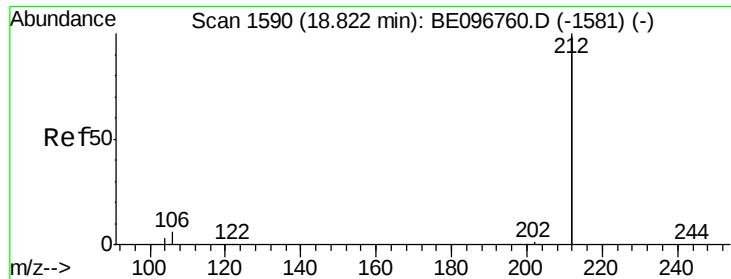
Tgt Ion:172 Resp: 7866
Ion Ratio Lower Upper
172 100
171 35.9 29.9 44.9
170 26.1 21.8 32.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.78 min Scan# 1347
Delta R.T. -0.00 min
Lab File: BE096781.D
Acq: 14 Jun 2018 11:13

Tgt Ion:188 Resp: 14072
Ion Ratio Lower Upper
188 100
94 0.0 3.9 5.9#
80 10.7 3.6 5.4#





#25

Fluoranthene-d10

Concen: 0.263 ng

RT: 18.82 min Scan# 1589

Delta R.T. -0.01 min

Lab File: BE096781.D

Acq: 14 Jun 2018 11:13

Instrument :

BNA_F

ClientSampleId :

DFTPP

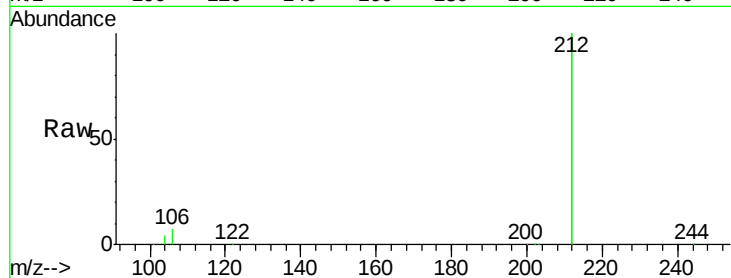
Tgt Ion:212 Resp: 37865

Ion Ratio Lower Upper

212 100

106 3.5 2.8 4.2

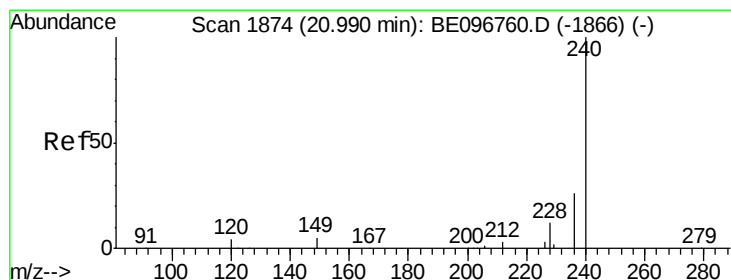
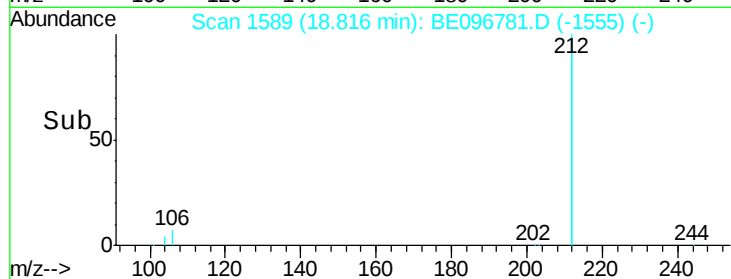
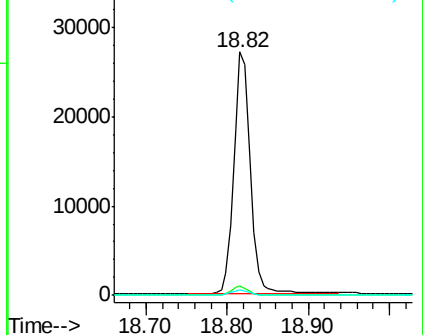
104 1.9 1.6 2.4



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# 1873

Delta R.T. -0.01 min

Lab File: BE096781.D

Acq: 14 Jun 2018 11:13

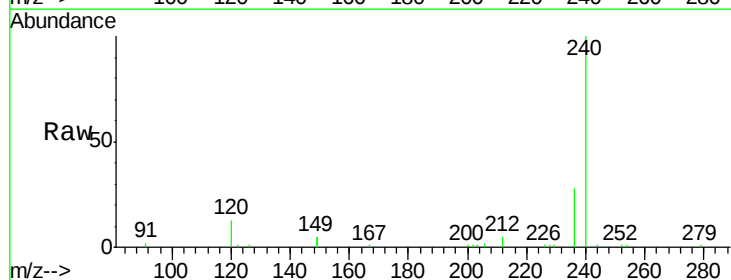
Tgt Ion:240 Resp: 11571

Ion Ratio Lower Upper

240 100

120 12.9 5.5 8.3#

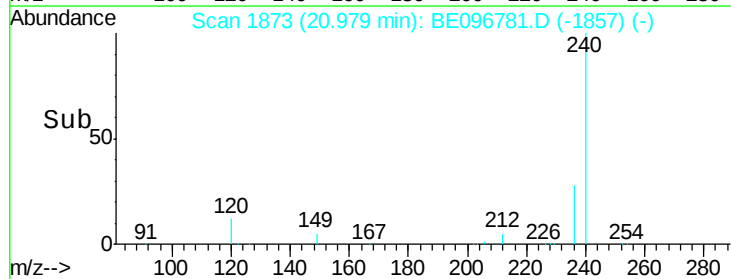
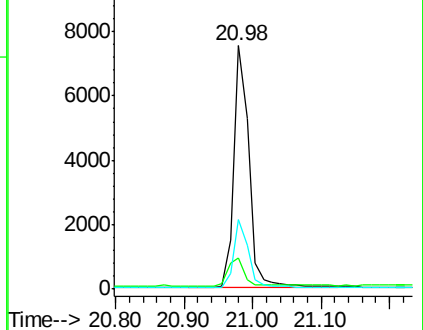
236 28.4 20.7 31.1

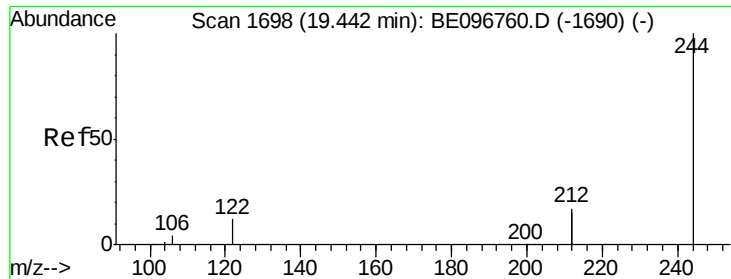


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.281 ng

RT: 19.44 min Scan# 1698

Delta R.T. -0.00 min

Lab File: BE096781.D

Acq: 14 Jun 2018 11:13

Instrument :

BNA_F

ClientSampleId :

DFTPP

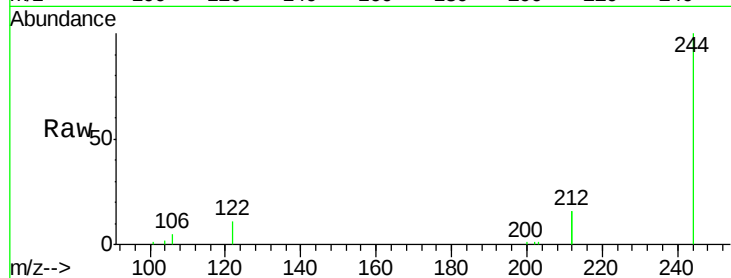
Tgt Ion:244 Resp: 7453

Ion Ratio Lower Upper

244 100

212 32.4 25.4 38.0

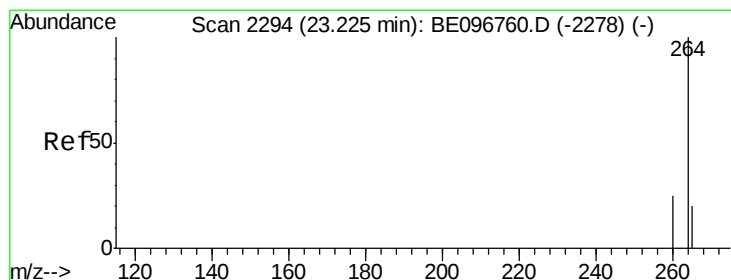
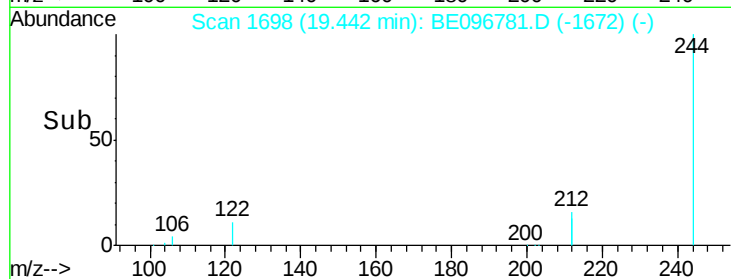
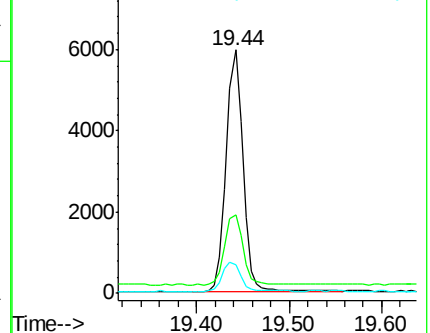
122 11.5 8.1 12.1



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# 2294

Delta R.T. -0.00 min

Lab File: BE096781.D

Acq: 14 Jun 2018 11:13

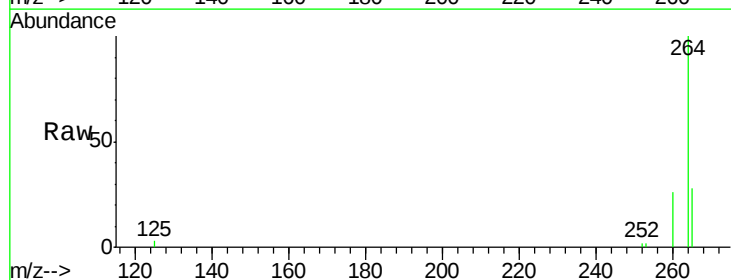
Tgt Ion:264 Resp: 11227

Ion Ratio Lower Upper

264 100

260 25.7 20.5 30.7

265 28.3 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

