

Data Path : Z:\HPCHEM1\BNA E\DATA\BE080717\
 Data File : BE093700.D
 Acq On : 7 Aug 2017 14:29
 Operator : SJ/JU
 Sample : PB101176BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Aug 08 00:45:52 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE080717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 07 14:30:21 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	5569	0.40	ng	0.01
7) Naphthalene-d8	10.71	136	25862	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	15016	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	34674	0.40	ng	0.00
27) Chrysene-d12	21.42	240	40590	0.40	ng	0.01
34) Perylene-d12	23.92	264	37244	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.51	112	3033	0.17	ng	0.00
5) Phenol-d6	7.10	99	4201	0.15	ng	0.01
8) Nitrobenzene-d5	9.06	82	3164	0.14	ng	0.00
11) 2-Methylnaphthalene-d10	12.29	152	6379	0.15	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	442	0.11	ng	0.03
15) 2-Fluorobiphenyl	13.16	172	8870	0.15	ng	0.02
25) Fluoranthene-d10	19.27	212	67493	0.17	ng	0.00
29) Terphenyl-d14	19.86	244	11880	0.16	ng	0.00

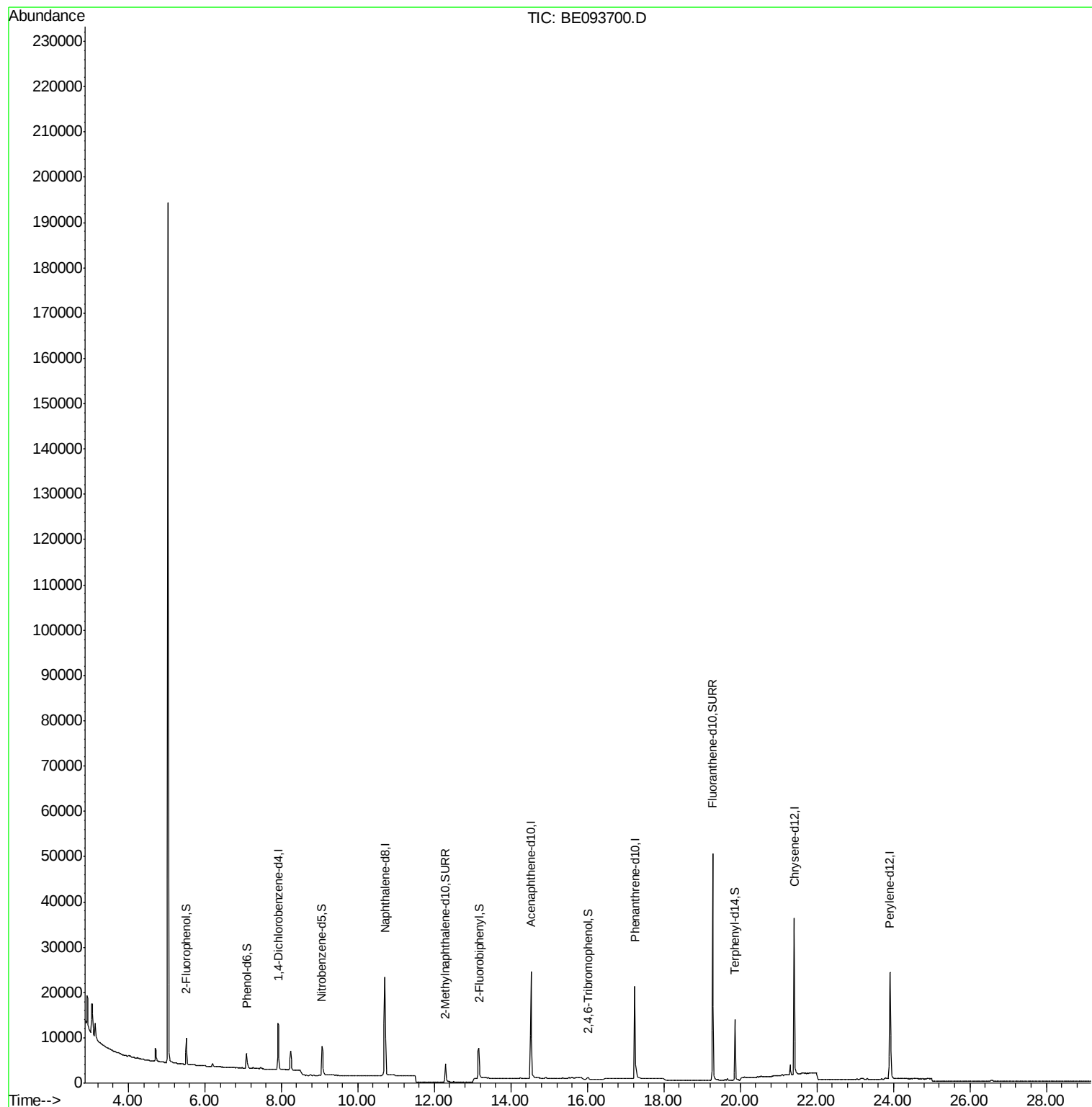
Target Compounds	Qvalue
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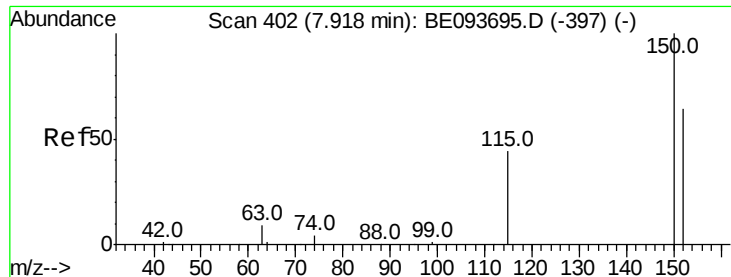
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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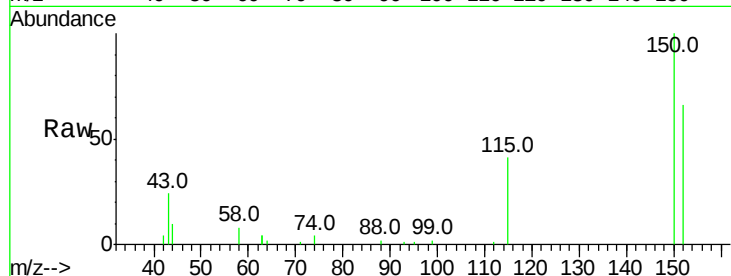


#1

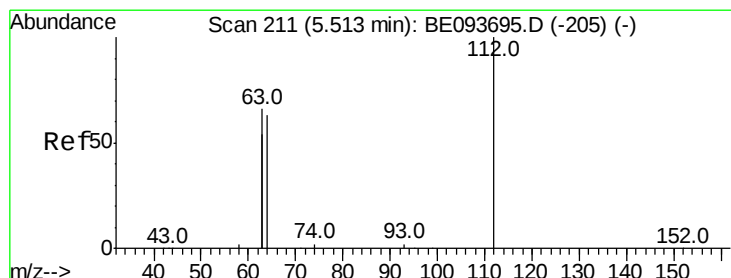
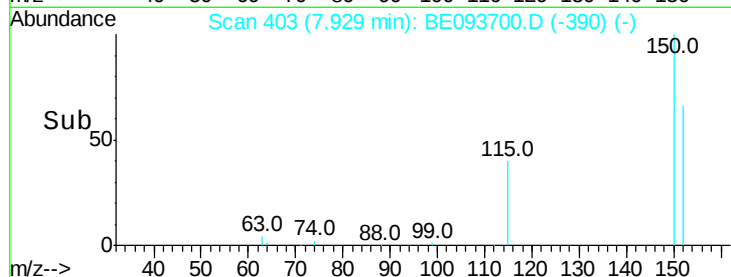
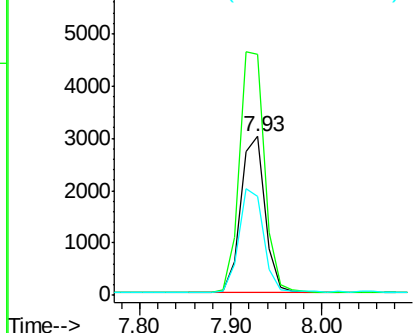
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.93 min Scan# 403
Delta R.T. 0.01 min
Lab File: BE093700.D
Acq: 7 Aug 2017 14:29

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 5569
Ion Ratio Lower Upper
152 100
150 151.7 125.1 187.7
115 62.5 55.7 83.5



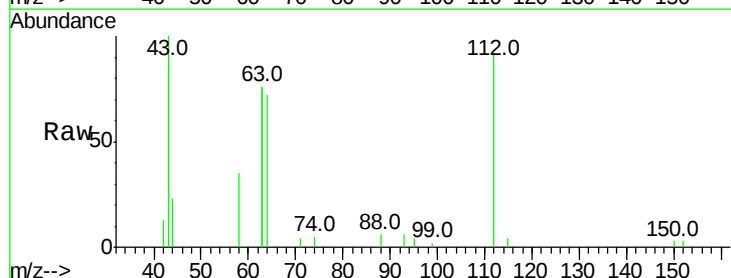
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



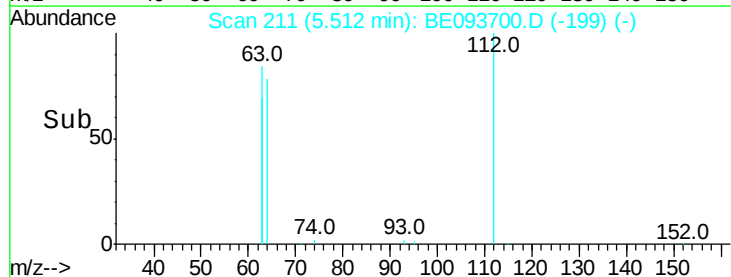
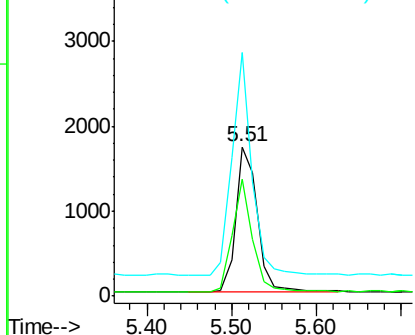
#4

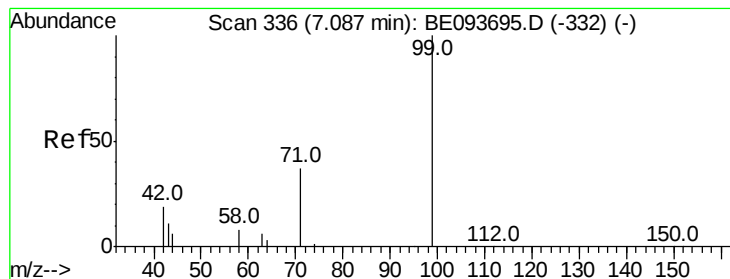
2-Fluorophenol
Concen: 0.168 ng
RT: 5.51 min Scan# 211
Delta R.T. -0.00 min
Lab File: BE093700.D
Acq: 7 Aug 2017 14:29

Tgt Ion:112 Resp: 3033
Ion Ratio Lower Upper
112 100
64 73.4 56.4 84.6
63 143.4 29.3 43.9#



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: 0.153 ng

RT: 7.10 min Scan# 337

Delta R.T. 0.01 min

Lab File: BE093700.D

Acq: 7 Aug 2017 14:29

Instrument :

BNA_E

ClientSampleId :

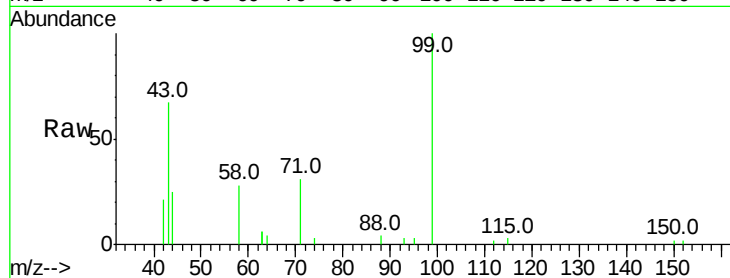
Tot Ion: 99 Resp: 4201

Ion Ratio Lower Upper

99 100

42 21.5 0.0 0.0#

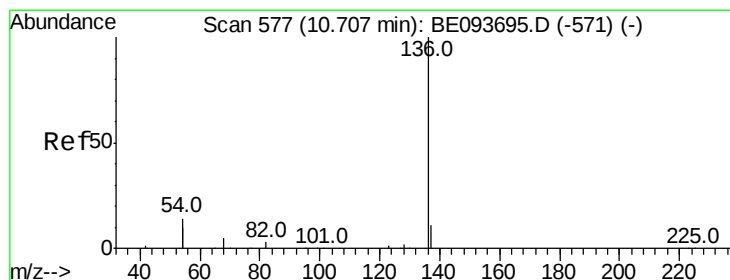
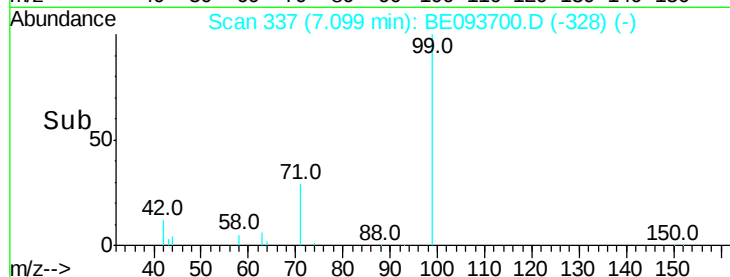
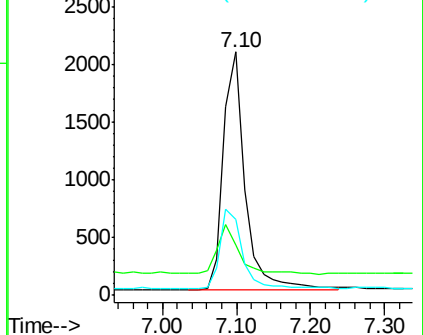
71 34.6 0.0 0.0#



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: 10.71 min Scan# 577

Delta R.T. -0.00 min

Lab File: BE093700.D

Acq: 7 Aug 2017 14:29

Tgt Ion: 136 Resp: 25862

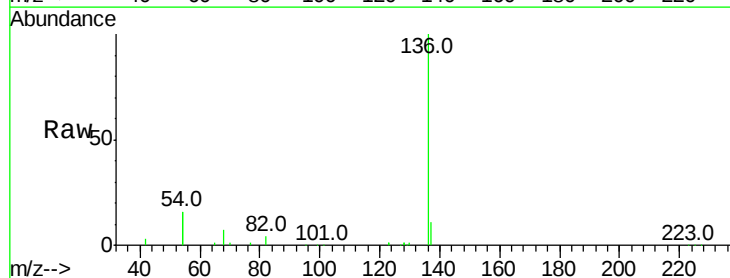
Ion Ratio Lower Upper

136 100

137 11.2 9.8 14.8

54 31.5 10.3 15.5#

68 6.5 9.0 13.4#

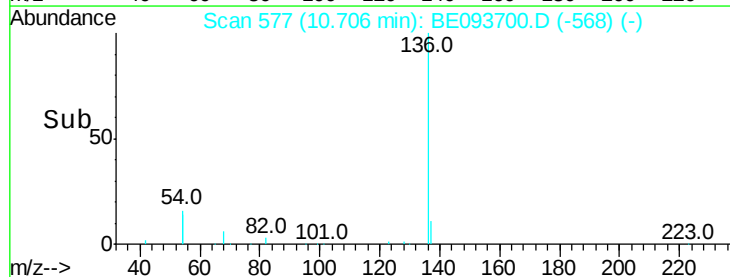
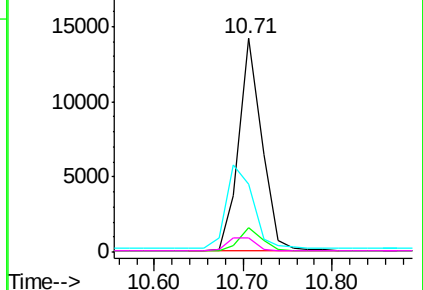


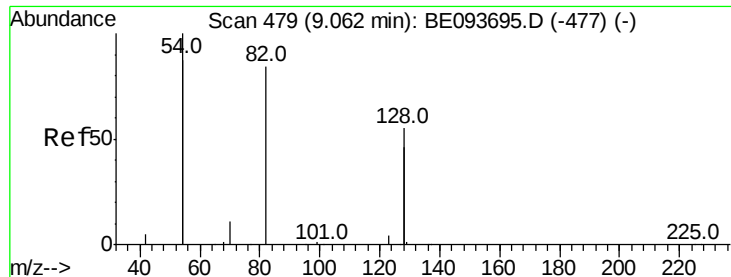
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0





#8

Nitrobenzene-d5

Concen: 0.143 ng

RT: 9.06 min Scan# 479

Delta R.T. -0.00 min

Lab File: BE093700.D

Acq: 7 Aug 2017 14:29

Instrument :

BNA_E

ClientSampled :

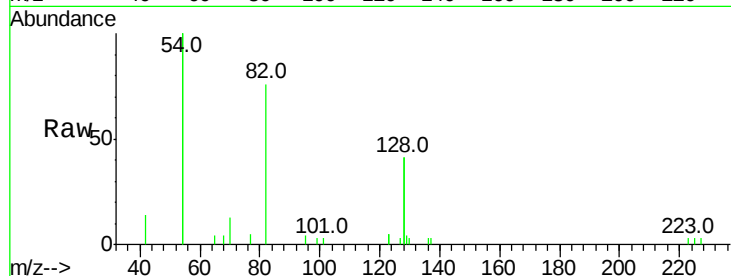
Tot Ion: 82 Resp: 3164

Ion Ratio Lower Upper

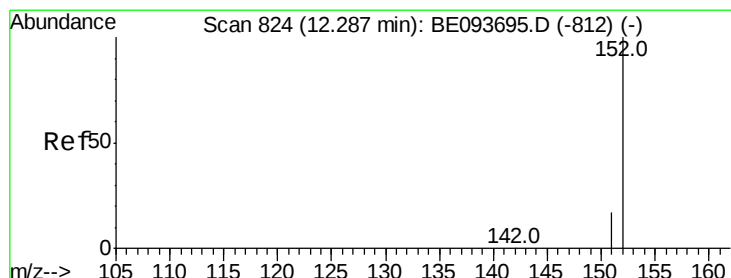
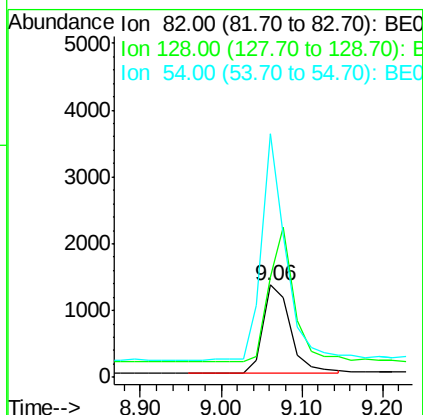
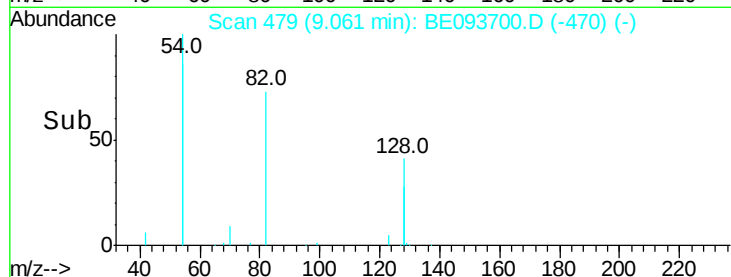
82 100

128 108.4 17.0 25.4#

54 263.1 53.8 80.6#



Abundance Ion 82.00 (81.70 to 82.70): BE0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BE0



#11

2-Methylnaphthalene-d10

Concen: 0.153 ng

RT: 12.29 min Scan# 825

Delta R.T. 0.00 min

Lab File: BE093700.D

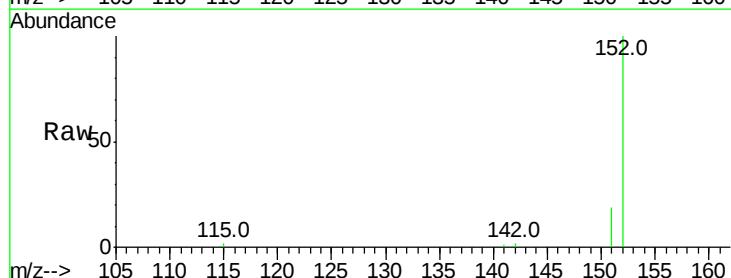
Acq: 7 Aug 2017 14:29

Tgt Ion: 152 Resp: 6379

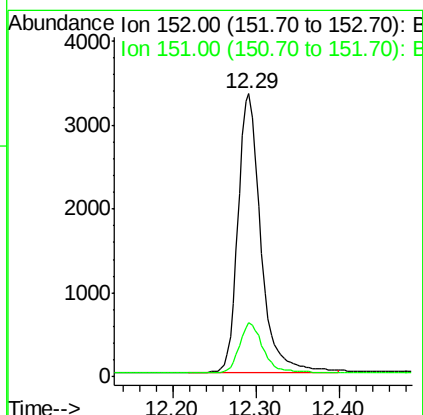
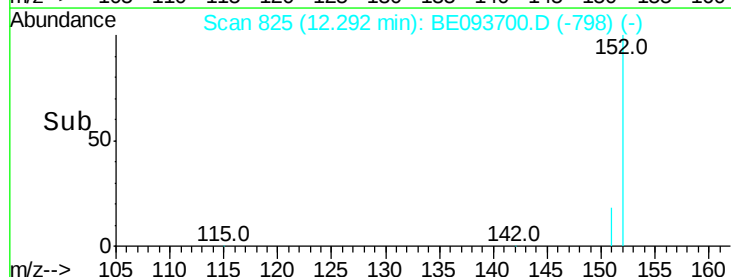
Ion Ratio Lower Upper

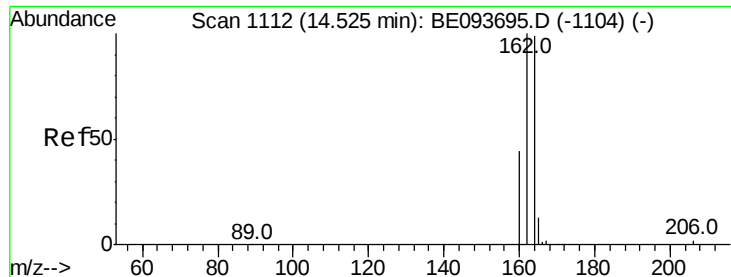
152 100

151 18.5 15.1 22.7



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: 14.53 min Scan# 1112

Delta R.T. 0.00 min

Lab File: BE093700.D

Acq: 7 Aug 2017 14:29

Instrument :

BNA_E

ClientSampleId :

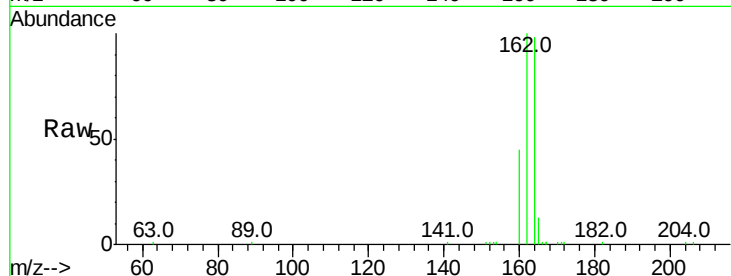
Tot Ion:164 Resp: 15016

Ion Ratio Lower Upper

164 100

162 102.4 84.6 127.0

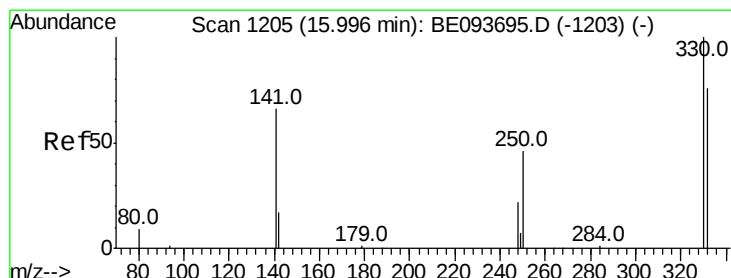
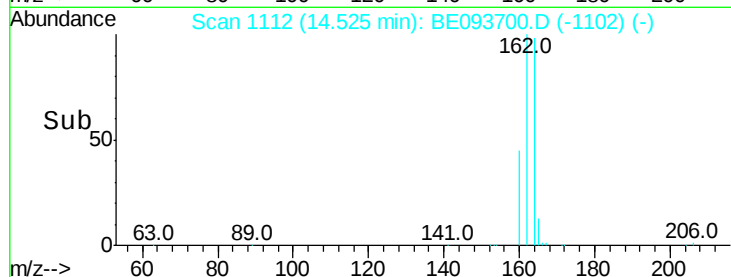
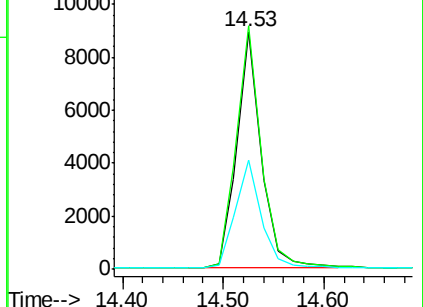
160 46.2 41.8 62.6



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: 0.107 ng

RT: 16.03 min Scan# 1206

Delta R.T. 0.03 min

Lab File: BE093700.D

Acq: 7 Aug 2017 14:29

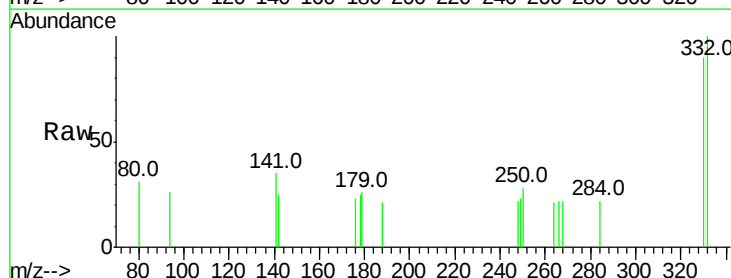
Tgt Ion:330 Resp: 442

Ion Ratio Lower Upper

330 100

332 102.3 77.7 116.5

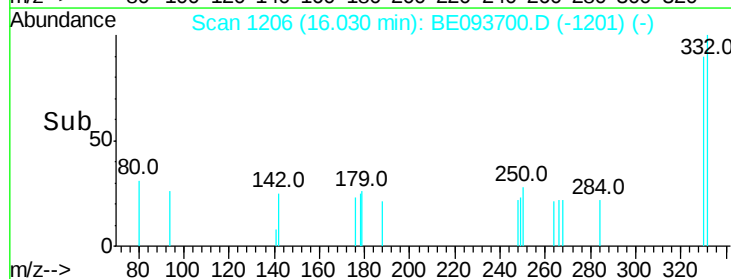
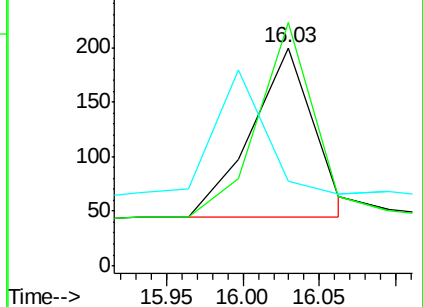
141 0.0 56.2 84.4#

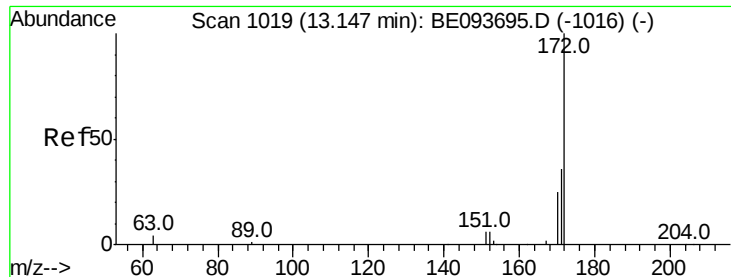


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

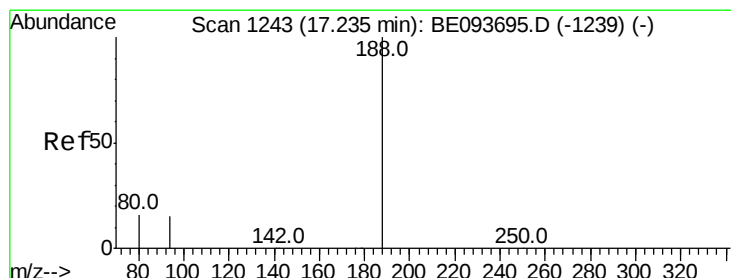
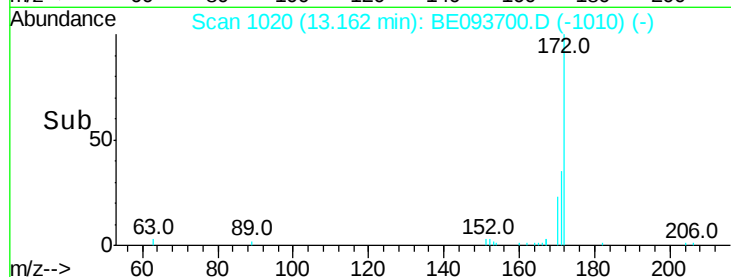
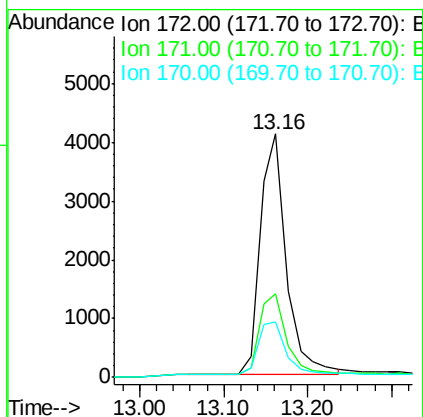
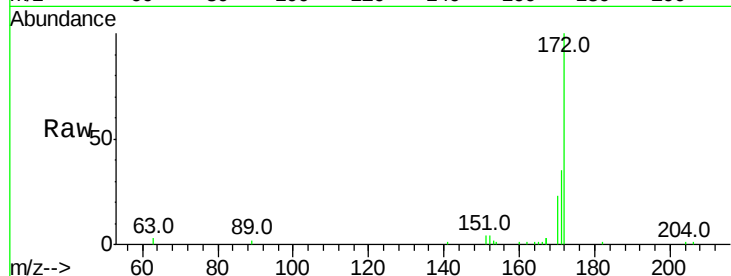




#15
2-Fluorobiphenyl
Concen: 0.150 ng
RT: 13.16 min Scan# 1020
Delta R.T. 0.02 min
Lab File: BE093700.D
Acq: 7 Aug 2017 14:29

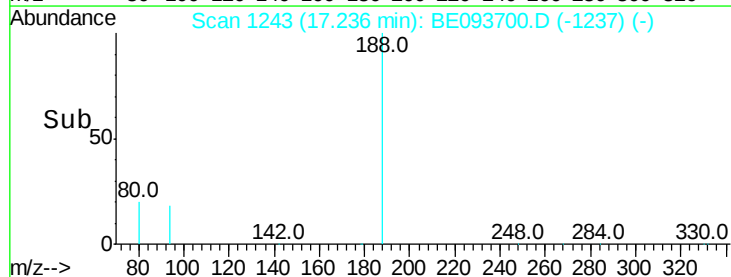
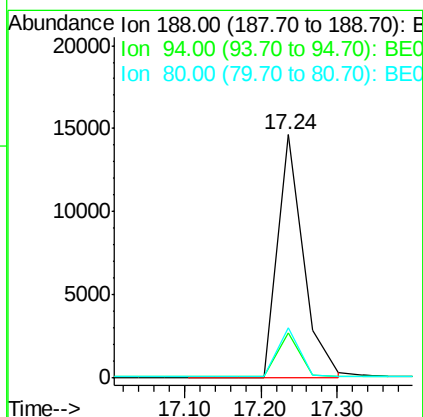
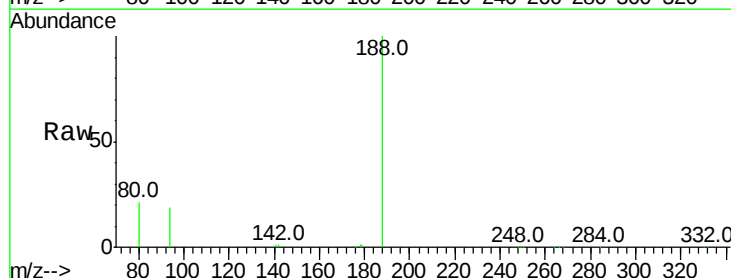
Instrument :
BNA_E
ClientSampled :

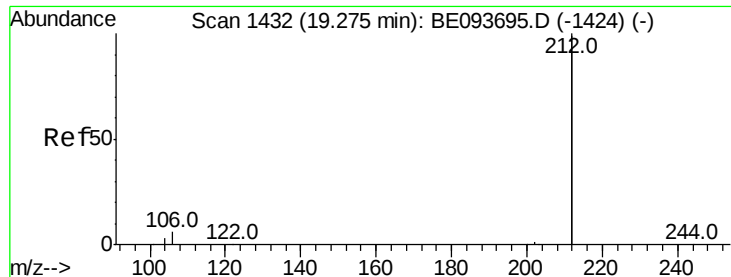
Tot Ion:172 Resp: 8870
Ion Ratio Lower Upper
172 100
171 34.5 29.8 44.6
170 22.8 20.7 31.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.24 min Scan# 1243
Delta R.T. 0.00 min
Lab File: BE093700.D
Acq: 7 Aug 2017 14:29

Tgt Ion:188 Resp: 34674
Ion Ratio Lower Upper
188 100
94 18.7 11.3 16.9#
80 20.6 11.7 17.5#





#25

Fluoranthene-d10

Concen: 0.171 ng

RT: 19.27 min Scan# 1432

Delta R.T. -0.00 min

Lab File: BE093700.D

Acq: 7 Aug 2017 14:29

Instrument :

BNA_E

ClientSampleId :

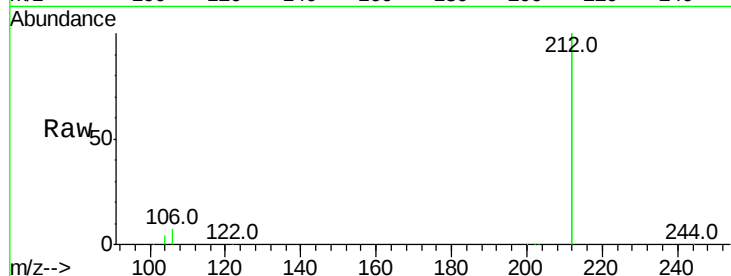
Tot Ion:212 Resp: 67493

Ion Ratio Lower Upper

212 100

106 3.4 2.4 3.6

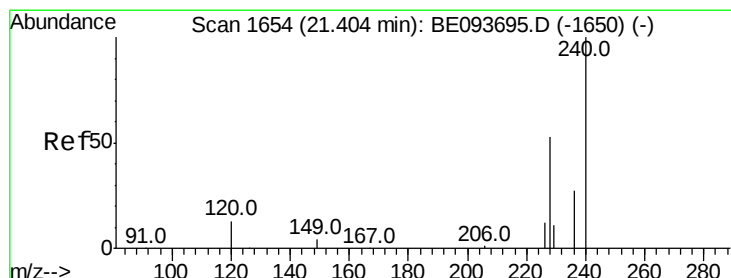
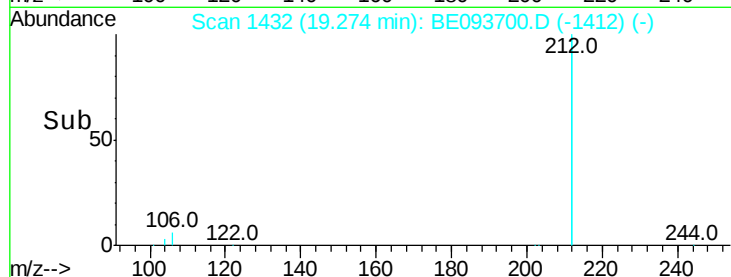
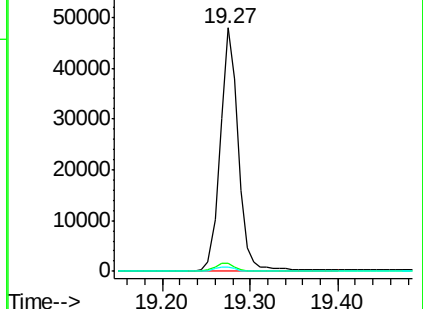
104 1.9 1.6 2.4



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: 21.42 min Scan# 1655

Delta R.T. 0.01 min

Lab File: BE093700.D

Acq: 7 Aug 2017 14:29

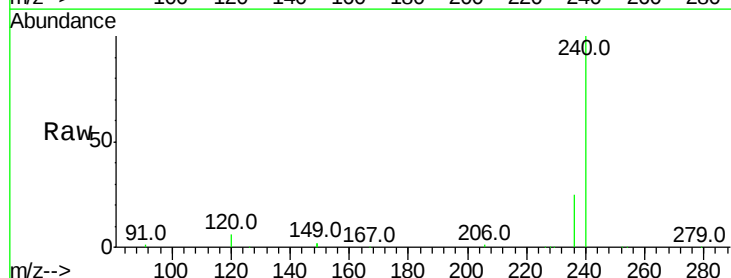
Tgt Ion:240 Resp: 40590

Ion Ratio Lower Upper

240 100

120 5.7 4.6 7.0

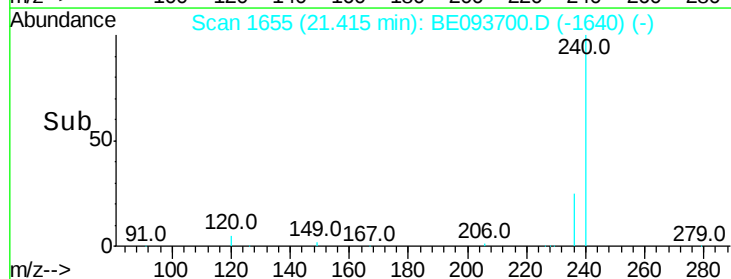
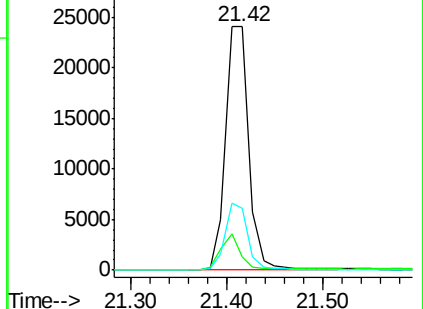
236 25.3 20.8 31.2

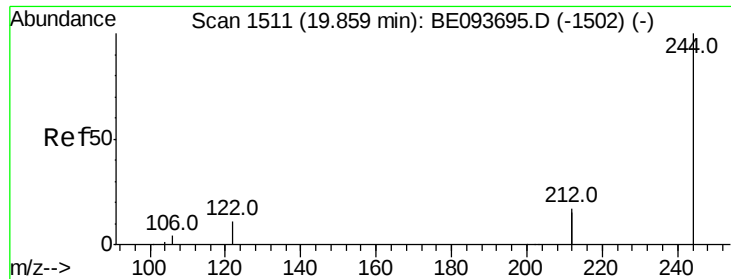


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.164 ng

RT: 19.86 min Scan# 1511

Delta R.T. -0.00 min

Lab File: BE093700.D

Acq: 7 Aug 2017 14:29

Instrument :

BNA_E

ClientSampleId :

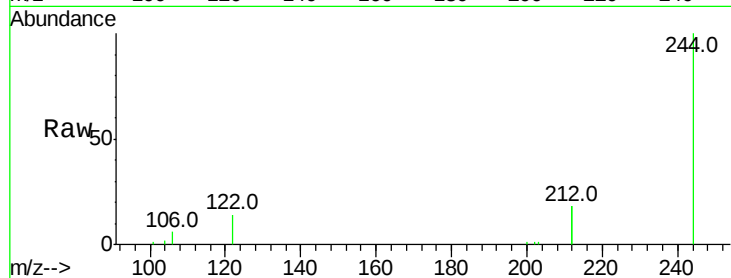
Tot Ion:244 Resp: 11880

Ion Ratio Lower Upper

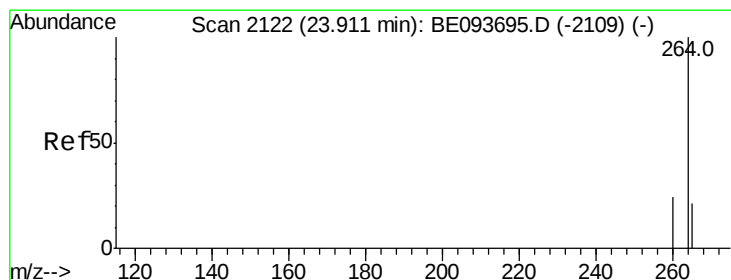
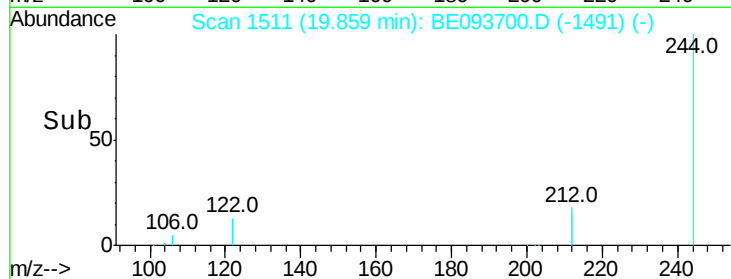
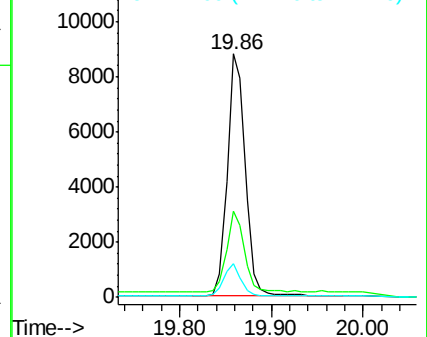
244 100

212 35.2 10.6 16.0#

122 13.8 15.4 23.0#



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: 23.92 min Scan# 2123

Delta R.T. 0.01 min

Lab File: BE093700.D

Acq: 7 Aug 2017 14:29

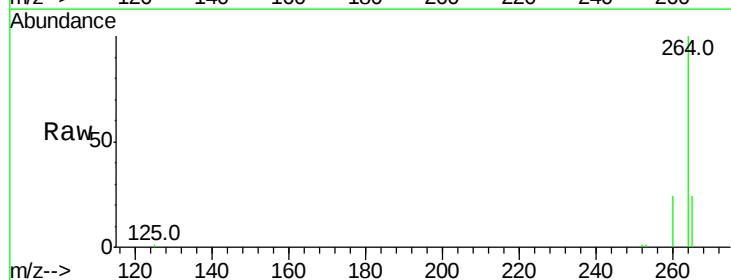
Tgt Ion:264 Resp: 37244

Ion Ratio Lower Upper

264 100

260 24.3 21.0 31.4

265 23.6 24.6 36.8#



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

