

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE091117\
 Data File : BE093958.D
 Acq On : 11 Sep 2017 12:13
 Operator : SJ/JU
 Sample : PB102153BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB102153BL

Quant Time: Sep 12 08:00:59 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE090517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 05 13:34:56 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	2049	0.40	ng	0.00
7) Naphthalene-d8	10.74	136	9469	0.40	ng	0.03
13) Acenaphthene-d10	14.54	164	6072	0.40	ng	0.02
19) Phenanthrene-d10	17.27	188	16663	0.40	ng	0.00
27) Chrysene-d12	21.44	240	15877	0.40	ng	0.01
34) Perylene-d12	23.95	264	11709	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.53	112	1523	0.23	ng	0.00
5) Phenol-d6	7.13	99	1669	0.17	ng	0.01
8) Nitrobenzene-d5	9.09	82	1758	0.22	ng	0.02
11) 2-Methylnaphthalene-d10	12.34	152	3725	0.25	ng	0.04
14) 2,4,6-Tribromophenol	16.06	330	213	0.11	ng	0.03
15) 2-Fluorobiphenyl	13.19	172	4968	0.21	ng	0.03
25) Fluoranthene-d10	19.30	212	44128	0.18	ng	0.02
29) Terphenyl-d14	19.88	244	8061	0.28	ng	0.00

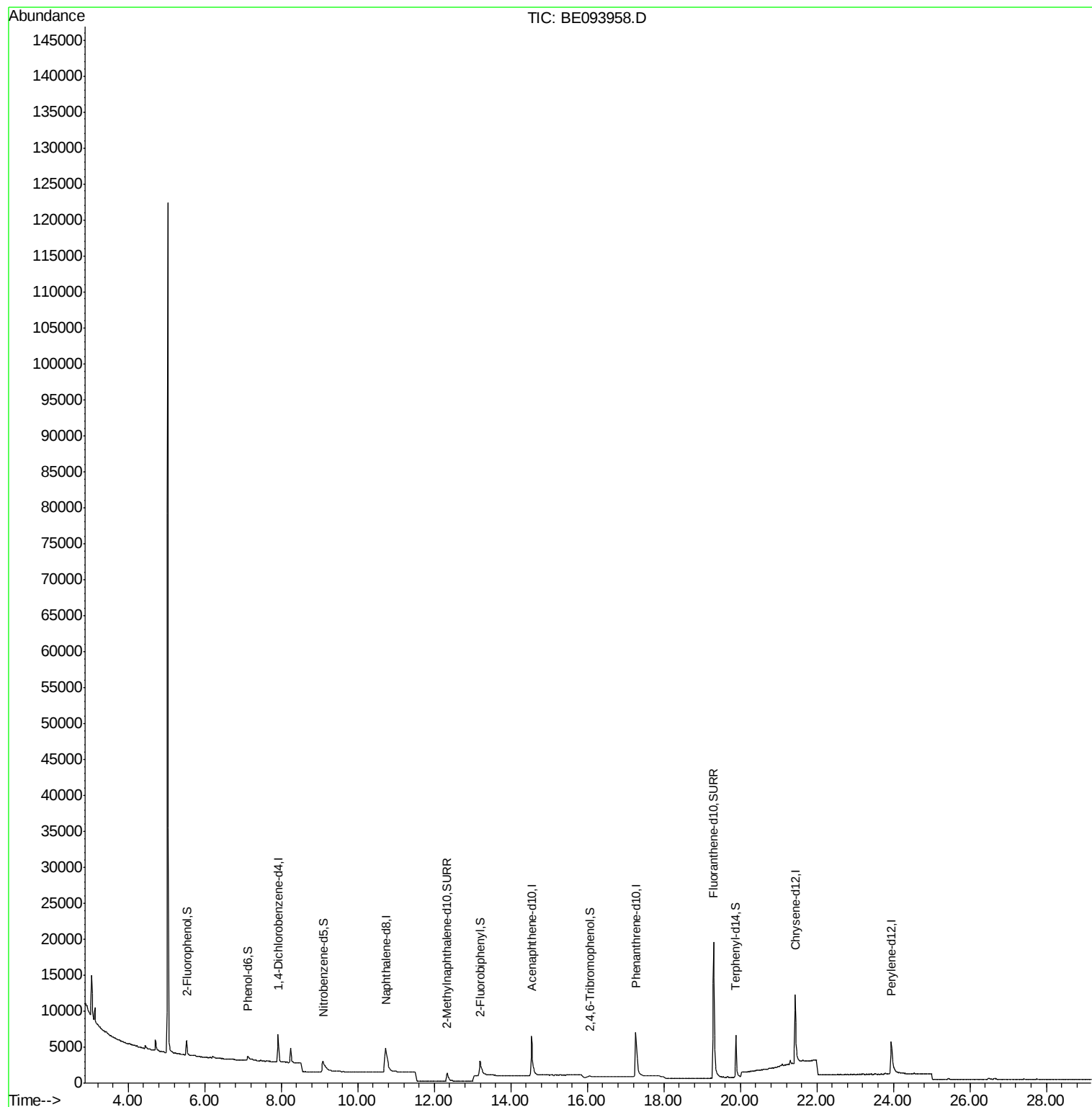
Target Compounds	Qvalue
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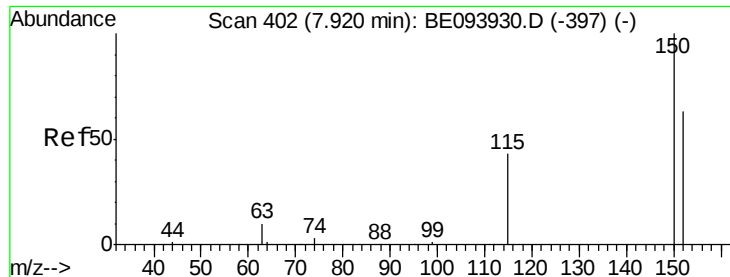
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.92 min Scan# 402

Delta R.T. 0.00 min

Lab File: BE093958.D

Acq: 11 Sep 2017 12:13

Instrument :

BNA_E

ClientSampleId :

PB102153BL

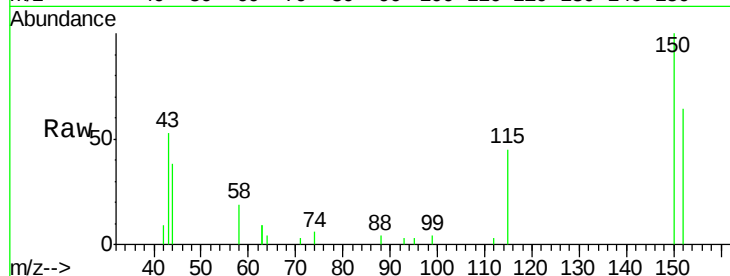
Tgt Ion:152 Resp: 2049

Ion Ratio Lower Upper

152 100

150 157.4 121.8 182.6

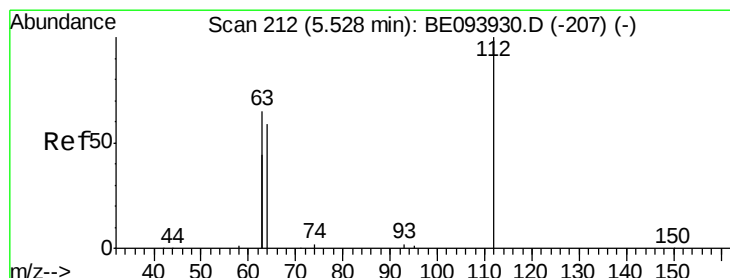
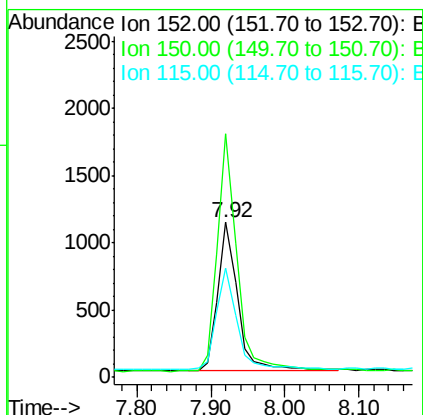
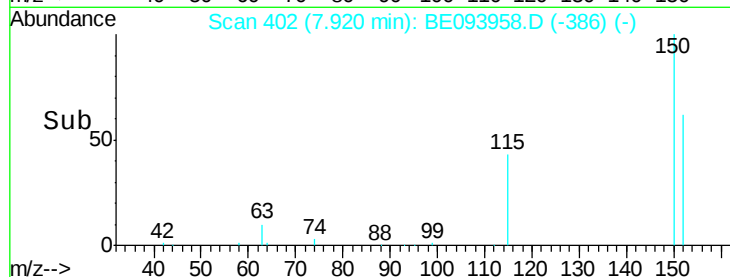
115 71.0 52.6 79.0



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: 0.230 ng

RT: 5.53 min Scan# 212

Delta R.T. 0.00 min

Lab File: BE093958.D

Acq: 11 Sep 2017 12:13

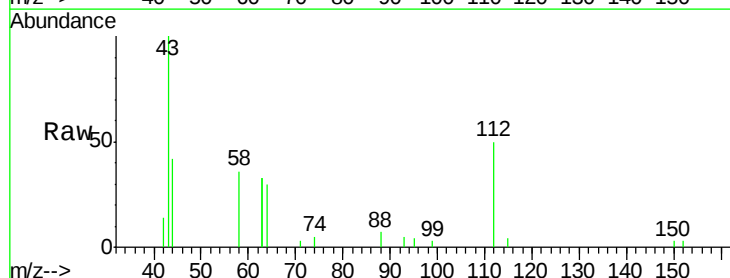
Tgt Ion:112 Resp: 1523

Ion Ratio Lower Upper

112 100

64 75.7 57.7 86.5

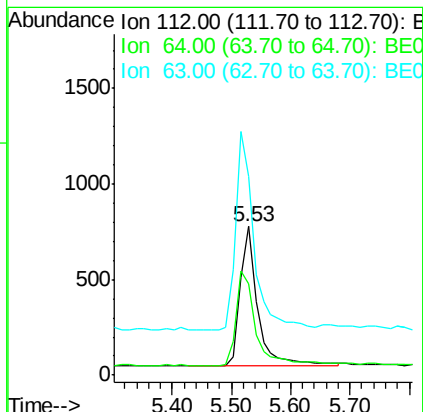
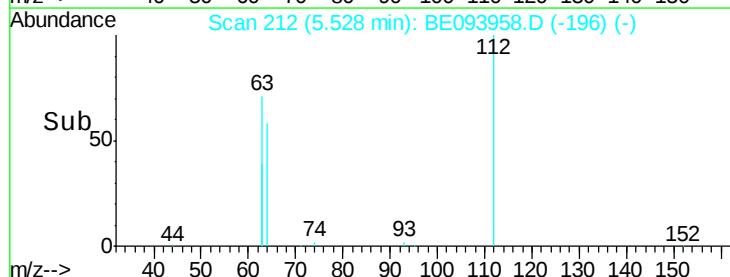
63 145.6 116.0 174.0

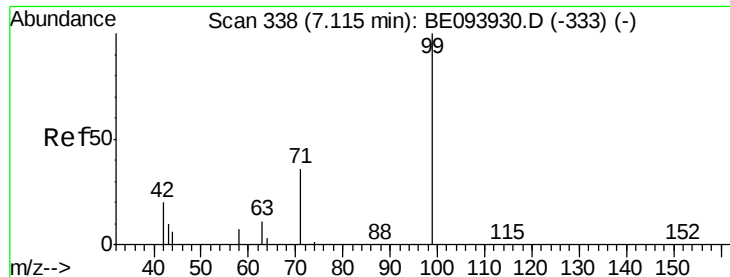


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.168 ng

RT: 7.13 min Scan# 339

Delta R.T. 0.01 min

Lab File: BE093958.D

Acq: 11 Sep 2017 12:13

Instrument :

BNA_E

ClientSampleId :

PB102153BL

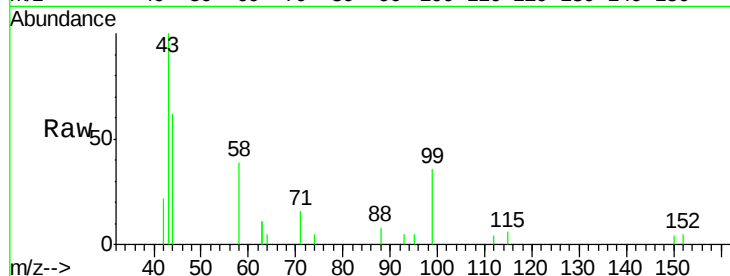
Tgt Ion: 99 Resp: 1669

Ion Ratio Lower Upper

99 100

42 22.0 17.1 25.7

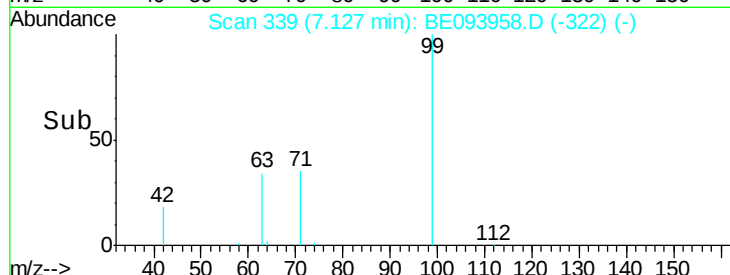
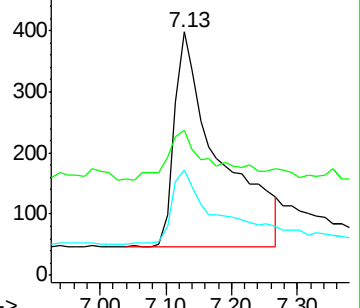
71 34.9 26.6 39.8



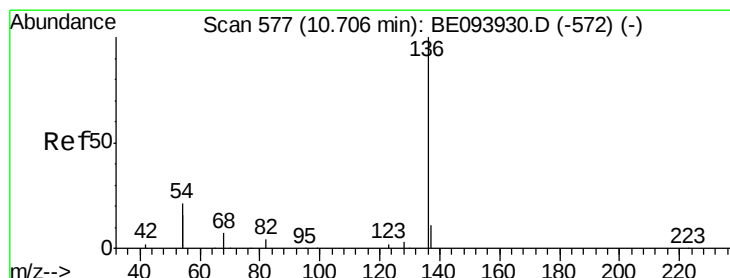
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.74 min Scan# 579

Delta R.T. 0.03 min

Lab File: BE093958.D

Acq: 11 Sep 2017 12:13

Tgt Ion: 136 Resp: 9469

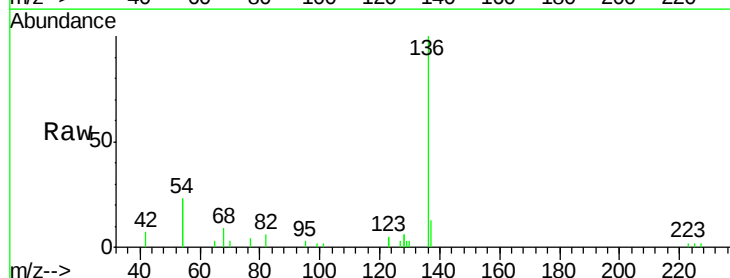
Ion Ratio Lower Upper

136 100

137 12.7 9.2 13.8

54 46.8 21.9 32.9#

68 9.3 4.6 7.0#

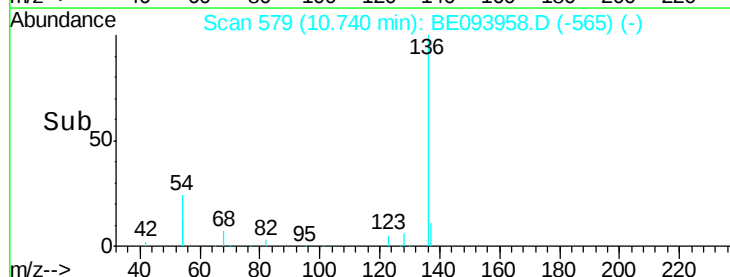
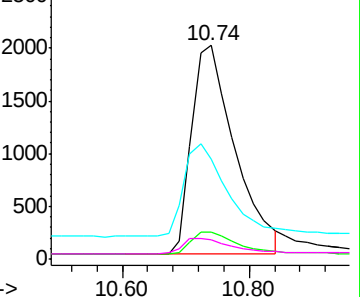


Abundance Ion 136.00 (135.70 to 136.70): E

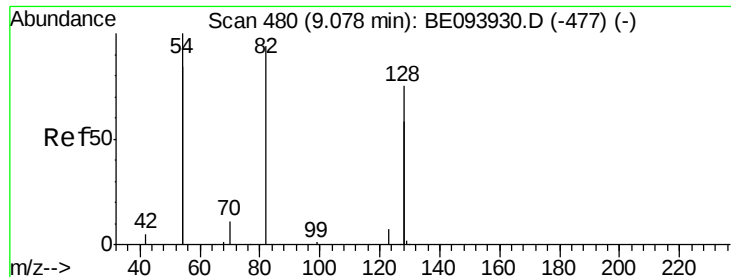
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



Time-->



#8

Nitrobenzene-d5

Concen: 0.219 ng

RT: 9.09 min Scan# 481

Delta R.T. 0.02 min

Lab File: BE093958.D

Acq: 11 Sep 2017 12:13

Instrument :

BNA_E

ClientSampleId :

PB102153BL

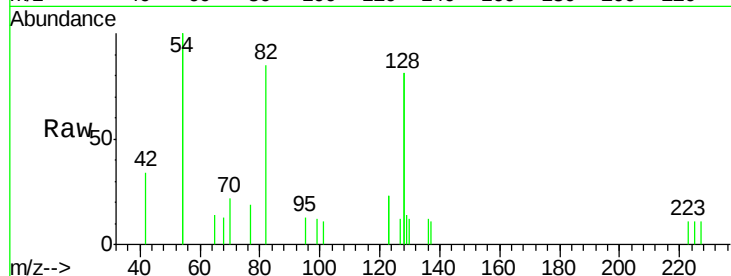
Tgt Ion: 82 Resp: 1758

Ion Ratio Lower Upper

82 100

128 190.4 91.4 137.0#

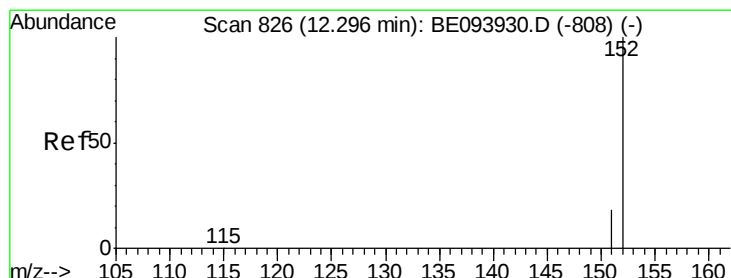
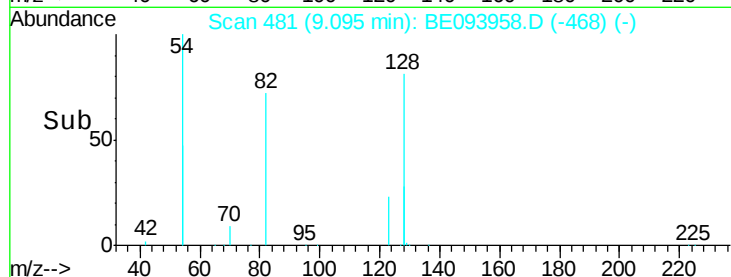
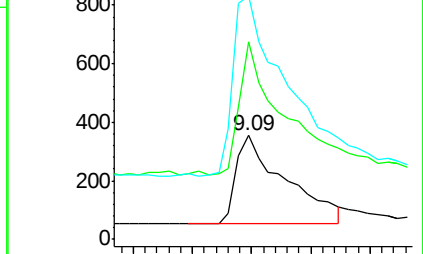
54 234.4 197.8 296.8



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: 0.246 ng

RT: 12.34 min Scan# 837

Delta R.T. 0.04 min

Lab File: BE093958.D

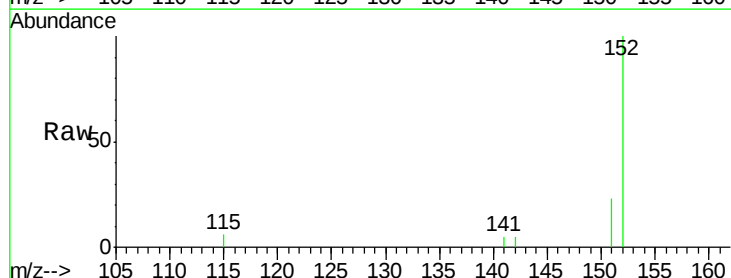
Acq: 11 Sep 2017 12:13

Tgt Ion: 152 Resp: 3725

Ion Ratio Lower Upper

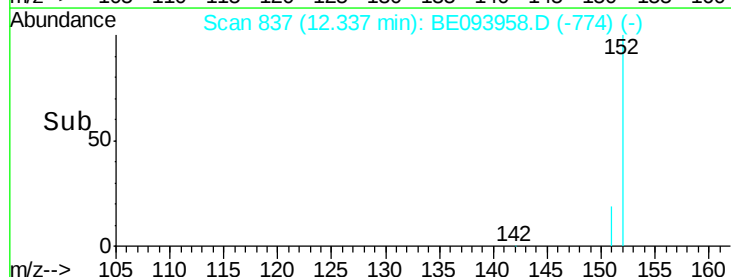
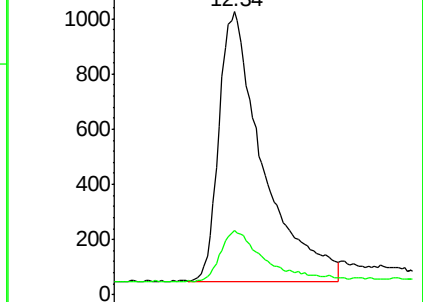
152 100

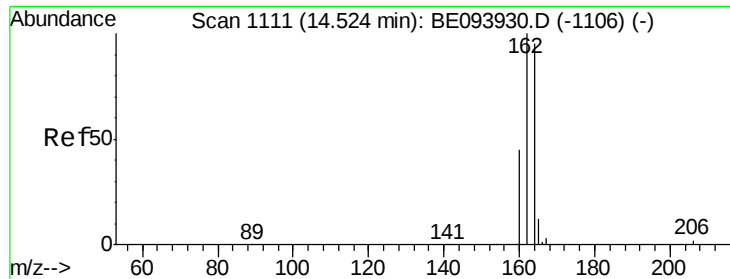
151 18.6 15.4 23.0



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: 14.54 min Scan# 1113

Delta R.T. 0.02 min

Lab File: BE093958.D

Acq: 11 Sep 2017 12:13

Instrument :

BNA_E

ClientSampleId :

PB102153BL

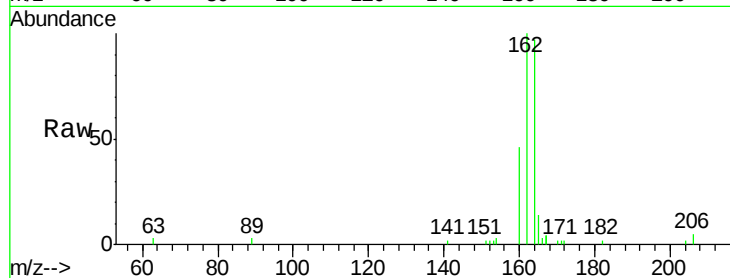
Tgt Ion:164 Resp: 6072

Ion Ratio Lower Upper

164 100

162 103.6 80.8 121.2

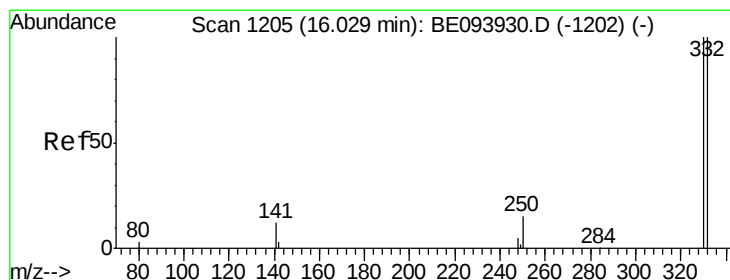
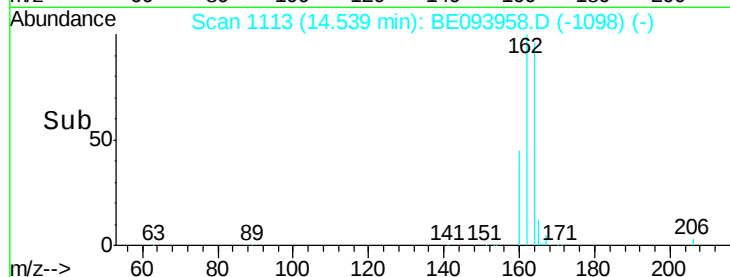
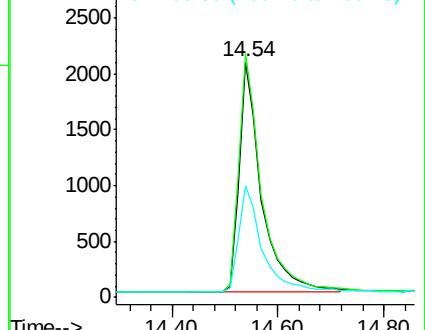
160 47.7 37.0 55.4



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: 0.113 ng

RT: 16.06 min Scan# 1207

Delta R.T. 0.03 min

Lab File: BE093958.D

Acq: 11 Sep 2017 12:13

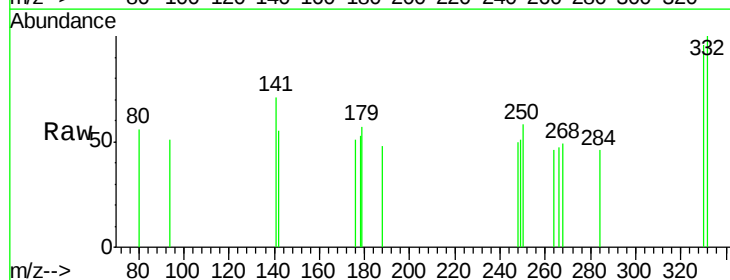
Tgt Ion:330 Resp: 213

Ion Ratio Lower Upper

330 100

332 102.8 76.9 115.3

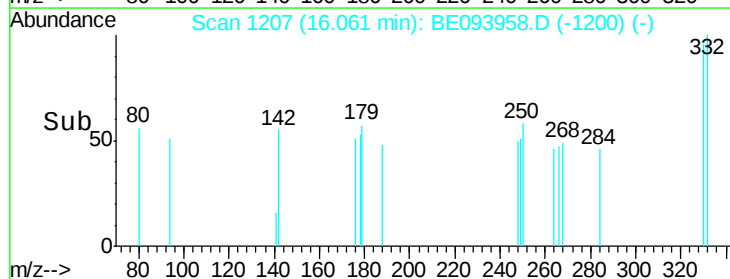
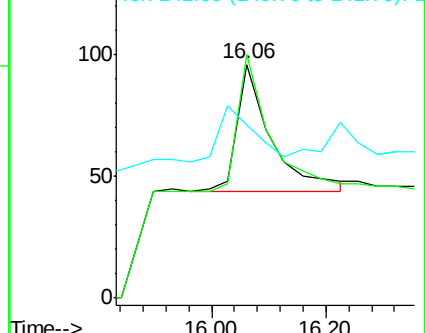
141 0.0 0.0 0.0

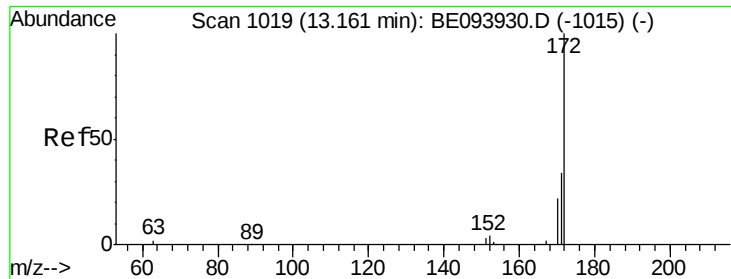


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

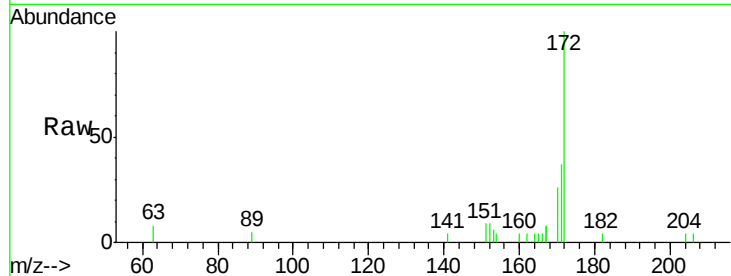




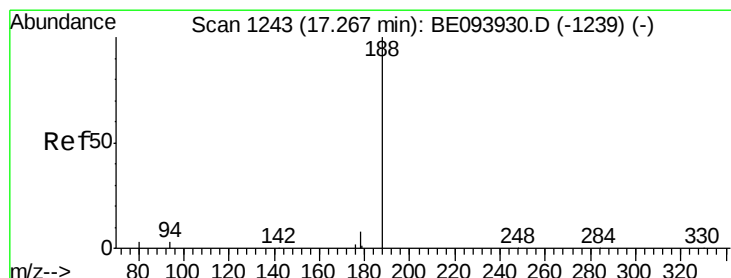
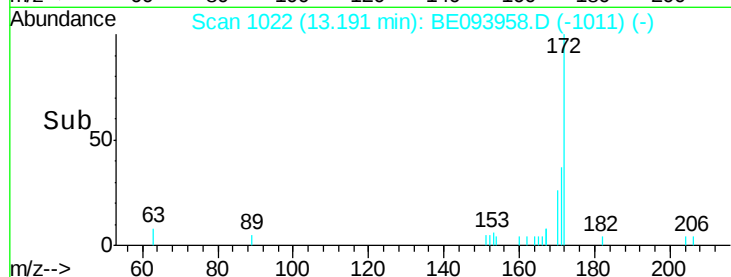
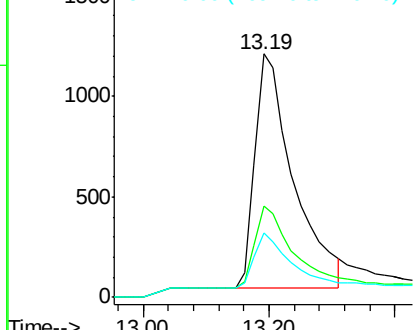
#15
2-Fluorobiphenyl
Concen: 0.207 ng
RT: 13.19 min Scan# 1022
Delta R.T. 0.03 min
Lab File: BE093958.D
Acq: 11 Sep 2017 12:13

Instrument :
BNA_E
ClientSampleId :
PB102153BL

Tgt Ion:172 Resp: 4968
Ion Ratio Lower Upper
172 100
171 37.5 26.9 40.3
170 26.3 17.3 25.9#

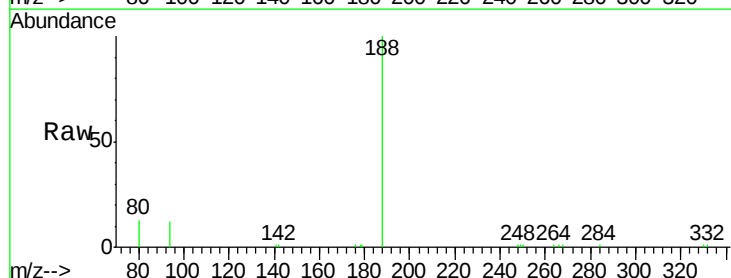


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

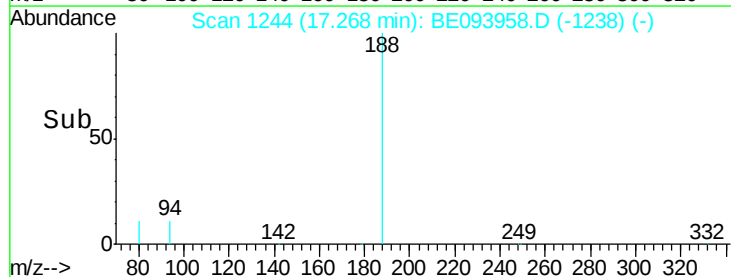
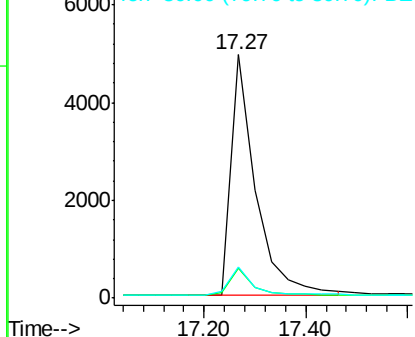


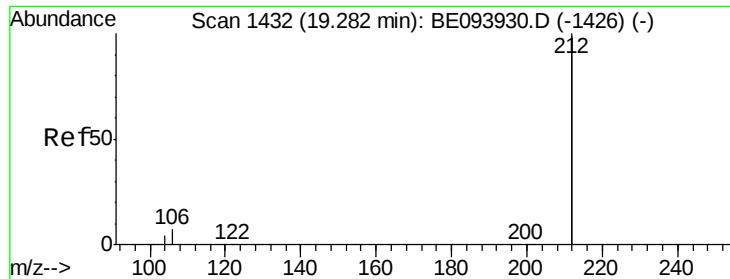
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.27 min Scan# 1244
Delta R.T. 0.00 min
Lab File: BE093958.D
Acq: 11 Sep 2017 12:13

Tgt Ion:188 Resp: 16663
Ion Ratio Lower Upper
188 100
94 12.1 16.1 24.1#
80 12.7 18.2 27.2#



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

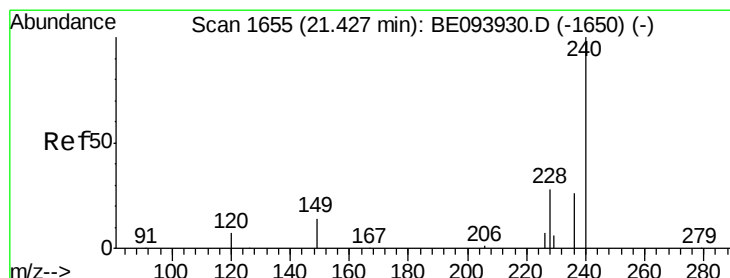
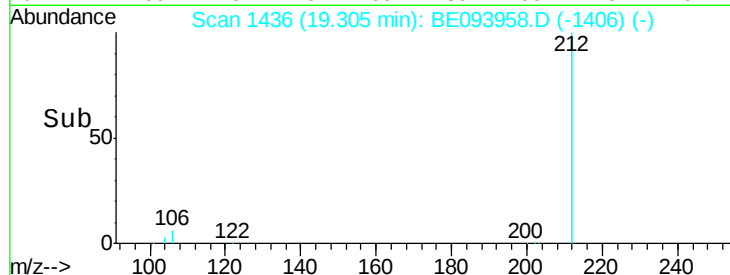
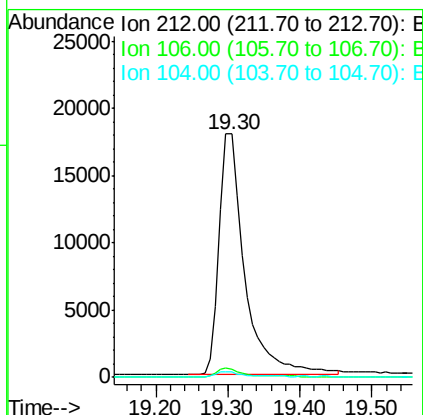
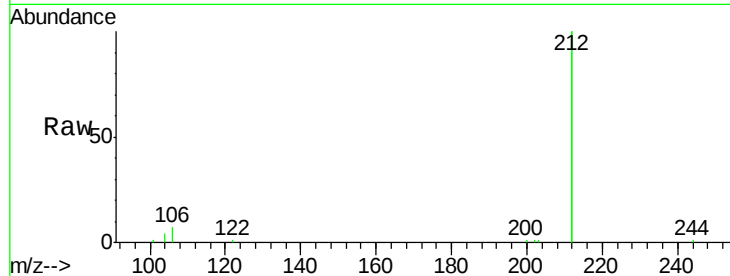




#25
 Fluoranthene-d10
 Concen: 0.178 ng
 RT: 19.30 min Scan# 1436
 Delta R.T. 0.02 min
 Lab File: BE093958.D
 Acq: 11 Sep 2017 12:13

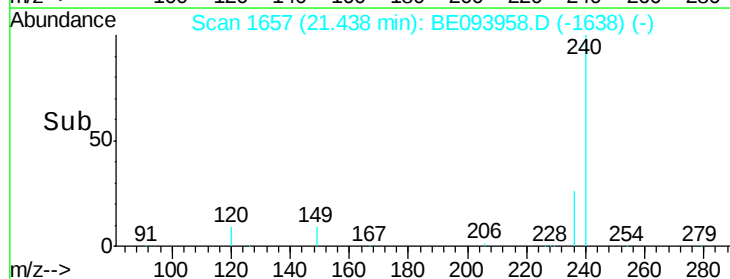
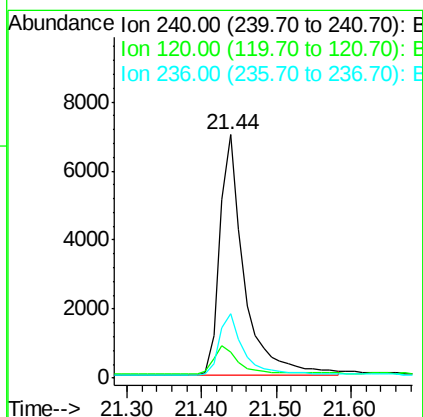
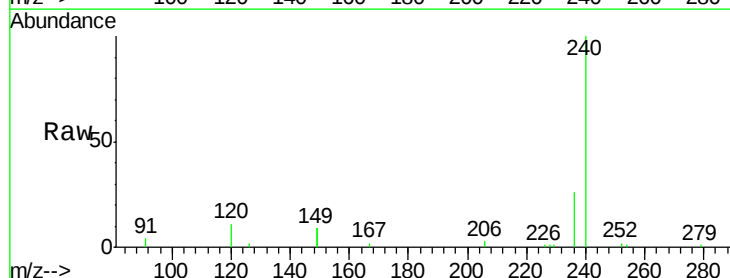
Instrument :
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 PB102153BL

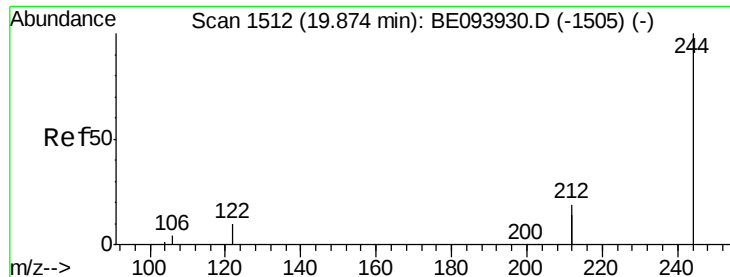
Tgt Ion:212 Resp: 44128
 Ion Ratio Lower Upper
 212 100
 106 3.5 2.7 4.1
 104 1.9 1.6 2.4



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.44 min Scan# 1657
 Delta R.T. 0.01 min
 Lab File: BE093958.D
 Acq: 11 Sep 2017 12:13

Tgt Ion:240 Resp: 15877
 Ion Ratio Lower Upper
 240 100
 120 10.8 8.7 13.1
 236 26.5 21.3 31.9





#29

Terphenyl-d14

Concen: 0.276 ng

RT: 19.88 min Scan# 1514

Delta R.T. 0.01 min

Lab File: BE093958.D

Acq: 11 Sep 2017 12:13

Instrument :

BNA_E

ClientSampleId :

PB102153BL

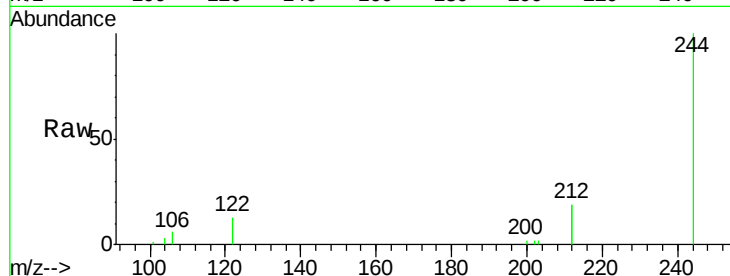
Tgt Ion:244 Resp: 8061

Ion Ratio Lower Upper

244 100

212 37.4 28.3 42.5

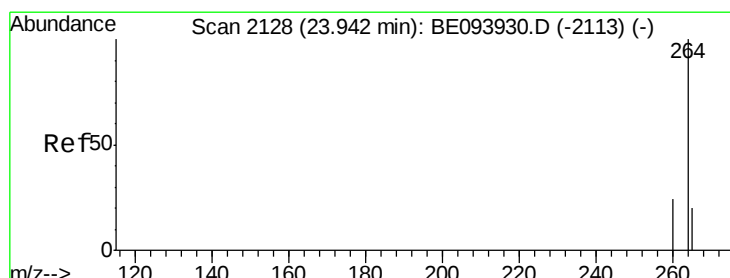
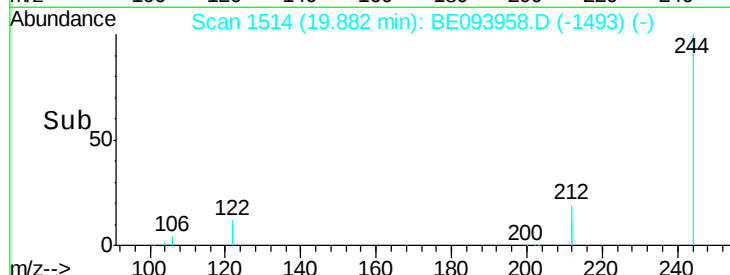
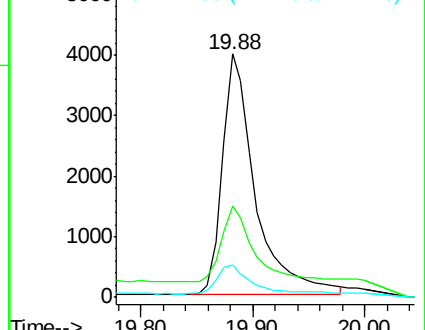
122 13.4 9.4 14.0



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: 23.95 min Scan# 2131

Delta R.T. 0.01 min

Lab File: BE093958.D

Acq: 11 Sep 2017 12:13

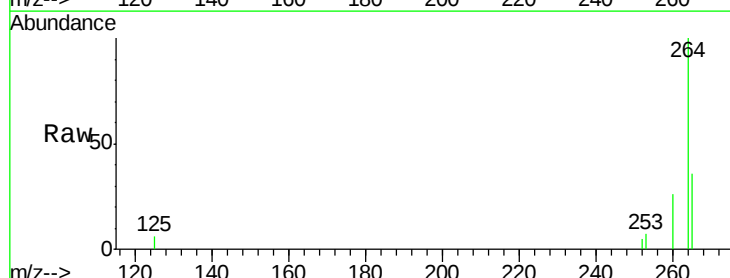
Tgt Ion:264 Resp: 11709

Ion Ratio Lower Upper

264 100

260 25.7 20.0 30.0

265 36.0 24.0 36.0#



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

