

Data Path : Z:\HPCHEM1\BNA E\DATA\BE051517\
 Data File : BE093034.D
 Acq On : 15 May 2017 14:58
 Operator : SJ/MA
 Sample : PB98886BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB98886BL

Quant Time: May 16 01:47:17 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE051517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 15 13:35:57 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	1042	0.40	ng	0.00
7) Naphthalene-d8	10.52	136	3889	0.40	ng	0.00
13) Acenaphthene-d10	14.39	164	1639	0.40	ng	0.00
19) Phenanthrene-d10	17.13	188	4452	0.40	ng	0.00
27) Chrysene-d12	21.28	240	5023	0.40	ng	0.00
34) Perylene-d12	23.69	264	4391	0.40	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.36	112	850	0.27	ng	0.00
5) Phenol-d6	6.92	99	1038	0.24	ng	0.00
8) Nitrobenzene-d5	8.88	82	793	0.23	ng	0.00
11) 2-Methylnaphthalene-d10	12.11	152	1360	0.24	ng	0.00
14) 2,4,6-Tribromophenol	15.87	330	120	0.25	ng	-0.01
15) 2-Fluorobiphenyl	13.01	172	1870	0.28	ng	0.00
25) Fluoranthene-d10	19.14	212	2956	0.25	ng	0.00
29) Terphenyl-d14	19.74	244	3200	0.34	ng	0.00

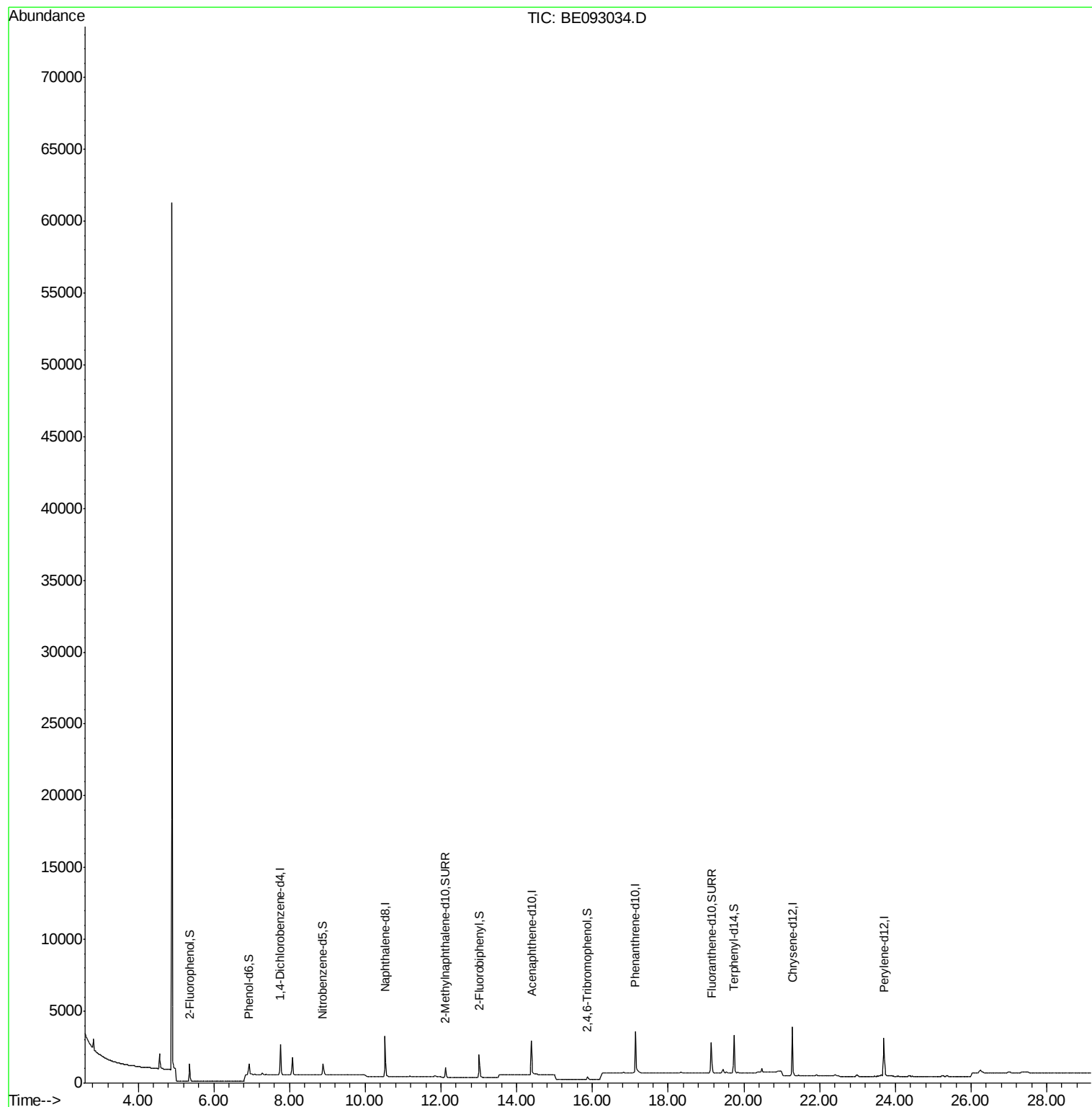
Target Compounds	Qvalue

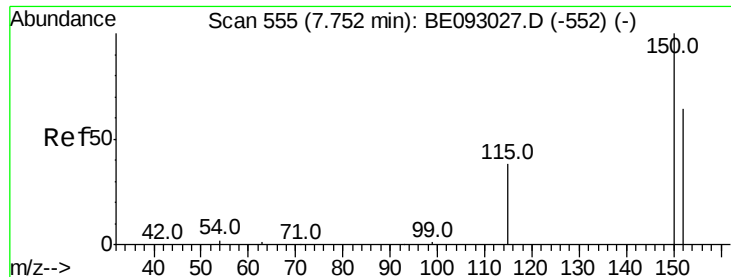
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA E\DATA\BE051517\
Data File : BE093034.D
Acq On : 15 May 2017 14:58
Operator : SJ/MA
Sample : PB98886BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB98886BL

Quant Time: May 16 01:47:17 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE051517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 15 13:35:57 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.40 ng

RT: 7.75 min Scan# 555

Delta R.T. 0.00 min

Lab File: BE093034.D

Acq: 15 May 2017 14:58

Instrument :

BNA_E

ClientSampleId :

PB98886BL

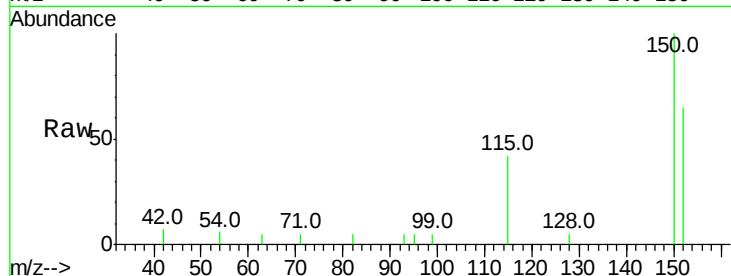
Tot Ion:152 Resp: 1042

Ion Ratio Lower Upper

152 100

150 154.0 125.1 187.7

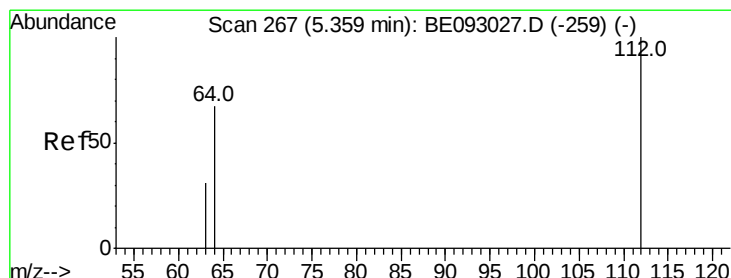
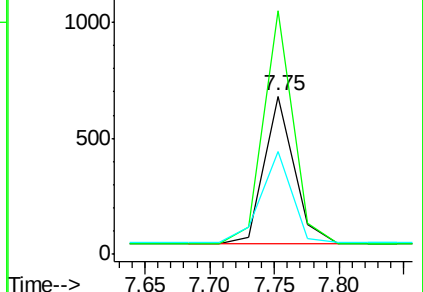
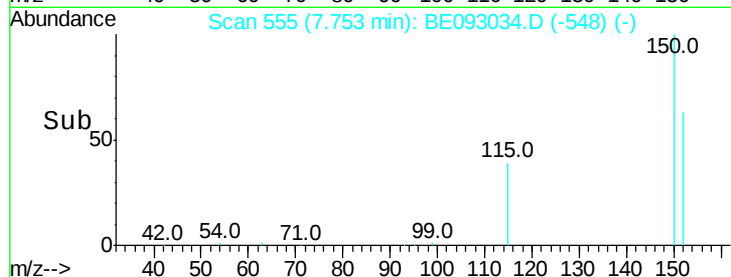
115 65.1 55.7 83.5



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: 0.27 ng

RT: 5.36 min Scan# 267

Delta R.T. 0.00 min

Lab File: BE093034.D

Acq: 15 May 2017 14:58

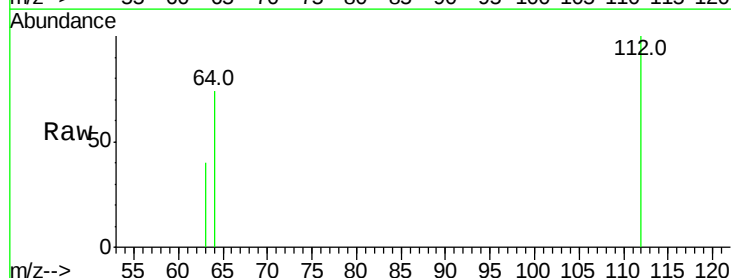
Tgt Ion:112 Resp: 850

Ion Ratio Lower Upper

112 100

64 72.1 56.4 84.6

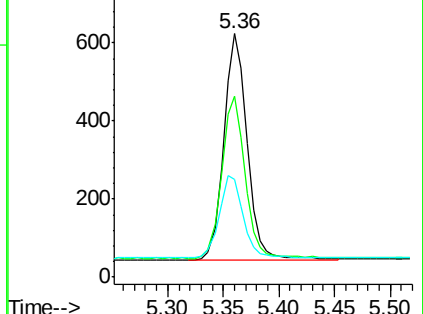
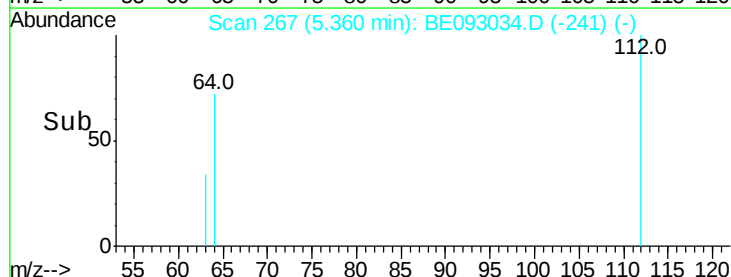
63 36.9 29.3 43.9

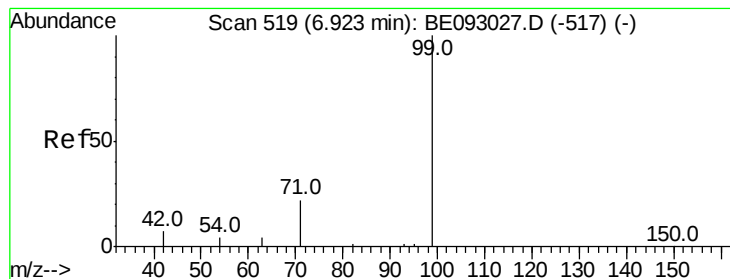


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.24 ng

RT: 6.92 min Scan# 519

Delta R.T. 0.00 min

Lab File: BE093034.D

Acq: 15 May 2017 14:58

Instrument :

BNA_E

ClientSampleId :

PB98886BL

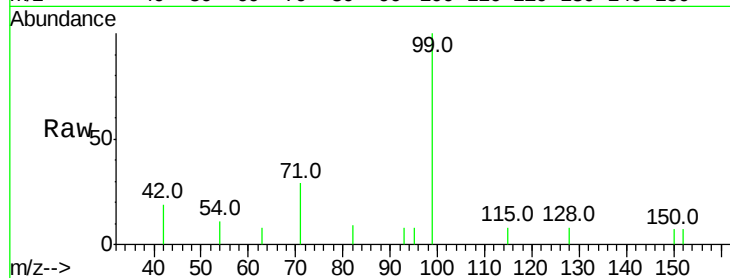
Tot Ion: 99 Resp: 1038

Ion Ratio Lower Upper

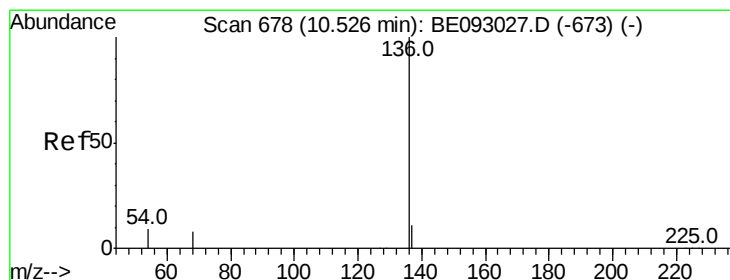
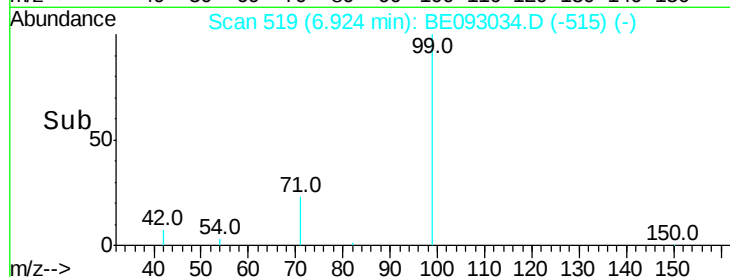
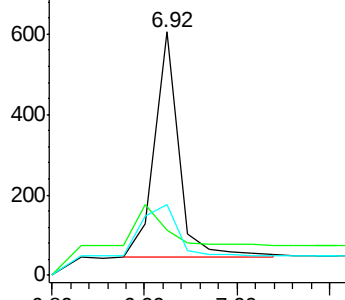
99 100

42 0.0 0.0 0.0

71 33.4 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: 0.40 ng

RT: 10.52 min Scan# 678

Delta R.T. -0.00 min

Lab File: BE093034.D

Acq: 15 May 2017 14:58

Tgt Ion: 136 Resp: 3889

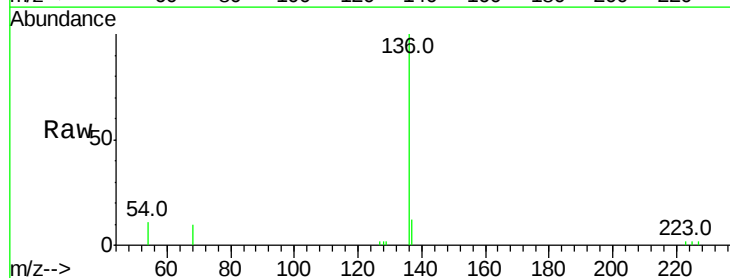
Ion Ratio Lower Upper

136 100

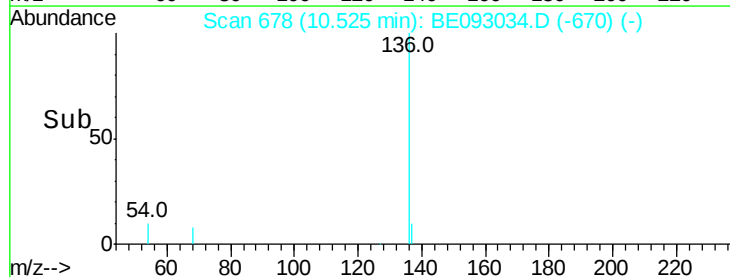
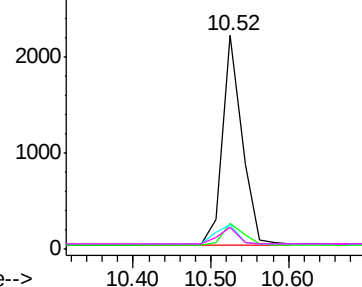
137 12.1 9.8 14.8

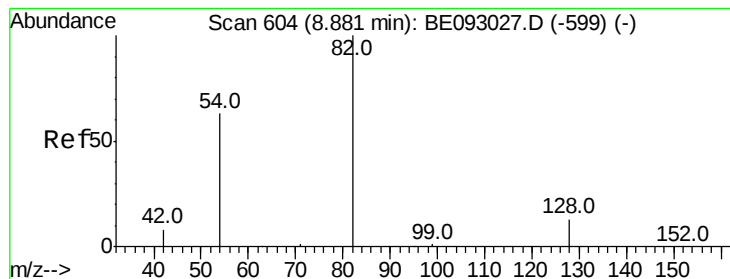
54 11.5 10.3 15.5

68 10.4 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: 0.23 ng

RT: 8.88 min Scan# 604

Delta R.T. 0.00 min

Lab File: BE093034.D

Acq: 15 May 2017 14:58

Instrument :

BNA_E

ClientSampleId :

PB98886BL

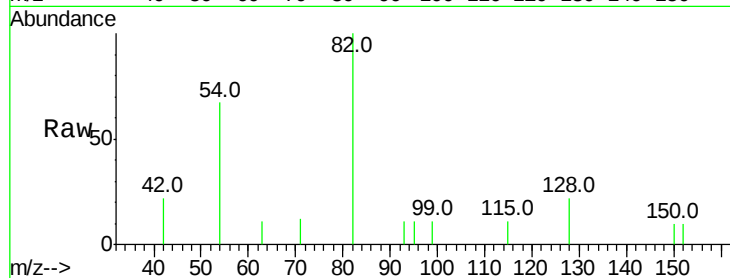
Tot Ion: 82 Resp: 793

Ion Ratio Lower Upper

82 100

128 22.2 17.0 25.4

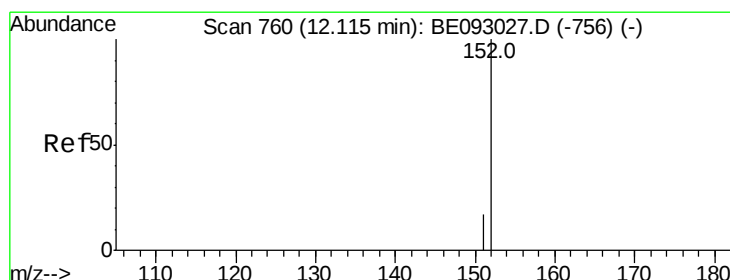
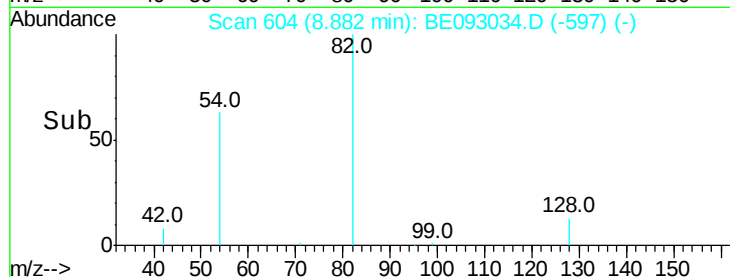
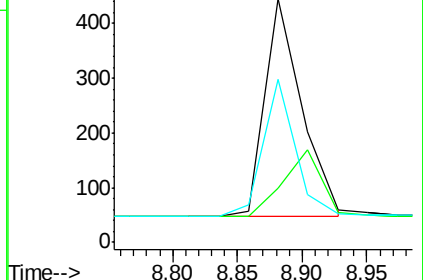
54 67.0 53.8 80.6



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: 0.24 ng

RT: 12.11 min Scan# 760

Delta R.T. -0.00 min

Lab File: BE093034.D

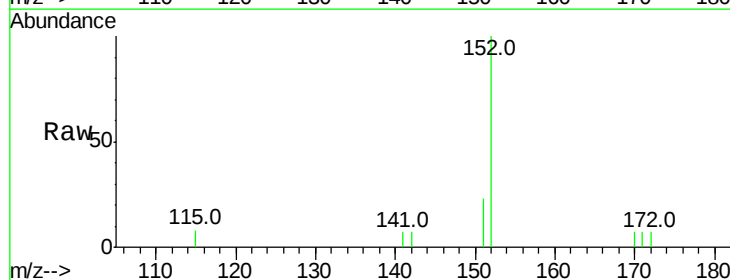
Acq: 15 May 2017 14:58

Tgt Ion: 152 Resp: 1360

Ion Ratio Lower Upper

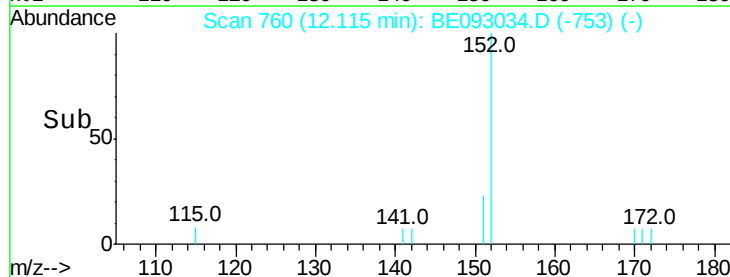
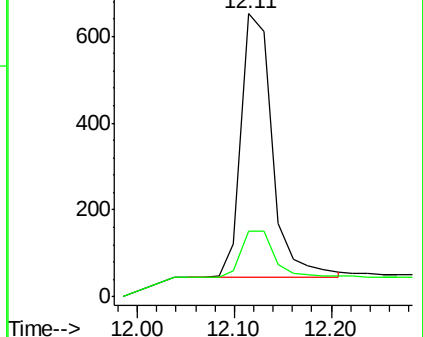
152 100

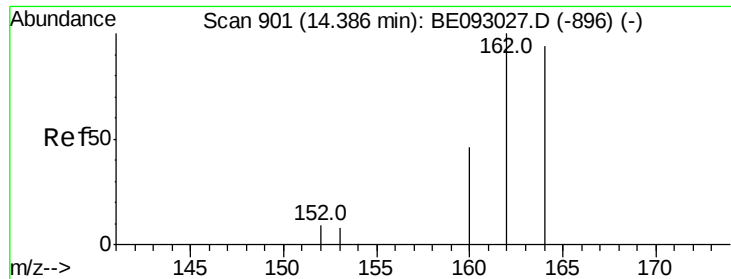
151 18.6 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): BE0

Ion 151.00 (150.70 to 151.70): BE0





#13

Acenaphthene-d10

Concen: 0.40 ng

RT: 14.39 min Scan# 901

Delta R.T. 0.00 min

Lab File: BE093034.D

Acq: 15 May 2017 14:58

Instrument :

BNA_E

ClientSampleId :

PB98886BL

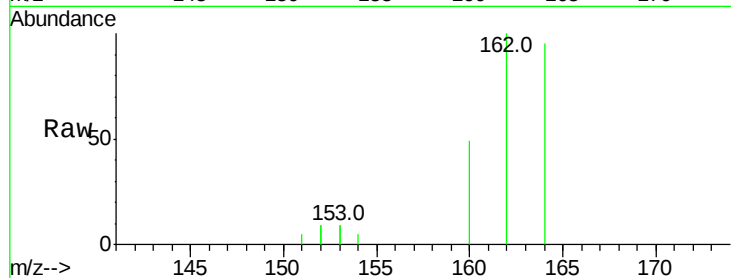
Tot Ion:164 Resp: 1639

Ion Ratio Lower Upper

164 100

162 105.1 84.6 127.0

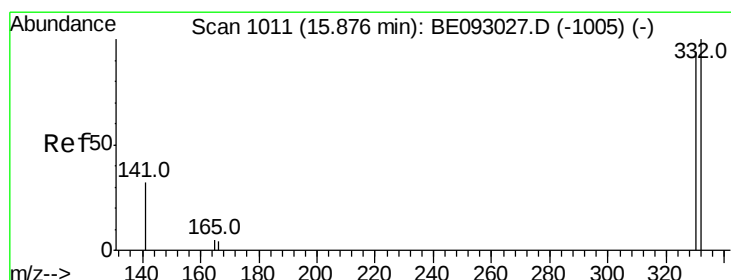
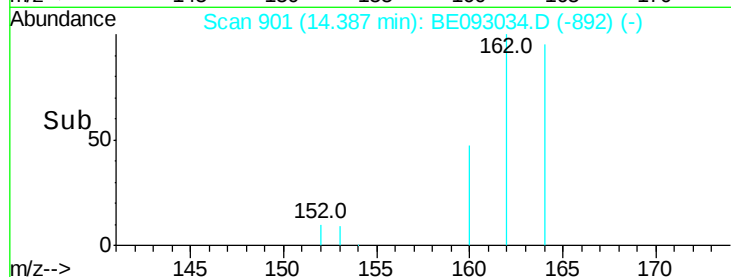
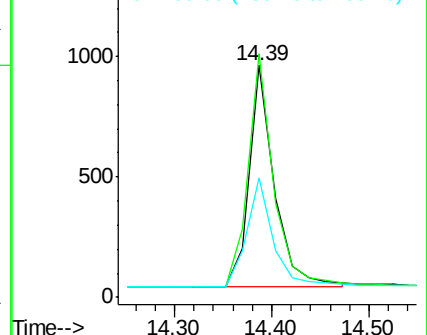
160 51.8 41.8 62.6



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: 0.25 ng

RT: 15.87 min Scan# 1010

Delta R.T. -0.01 min

Lab File: BE093034.D

Acq: 15 May 2017 14:58

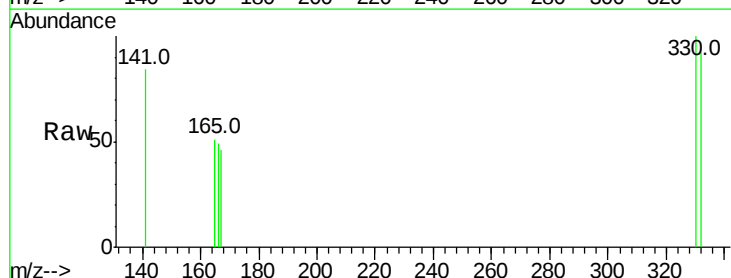
Tgt Ion:330 Resp: 120

Ion Ratio Lower Upper

330 100

332 94.2 77.7 116.5

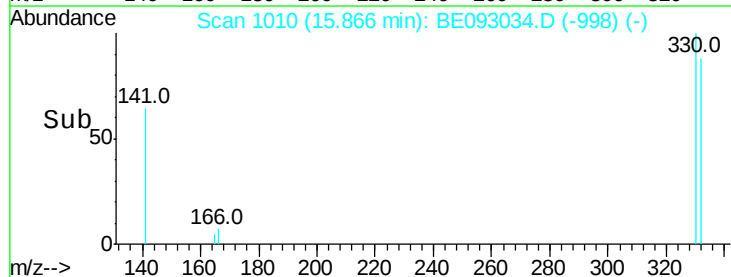
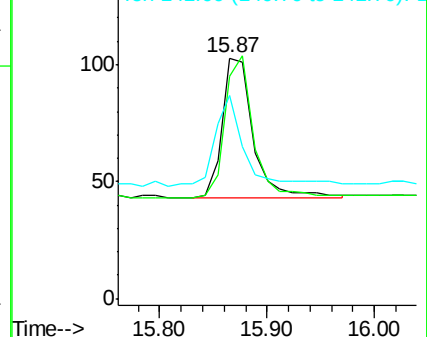
141 62.5 56.2 84.4

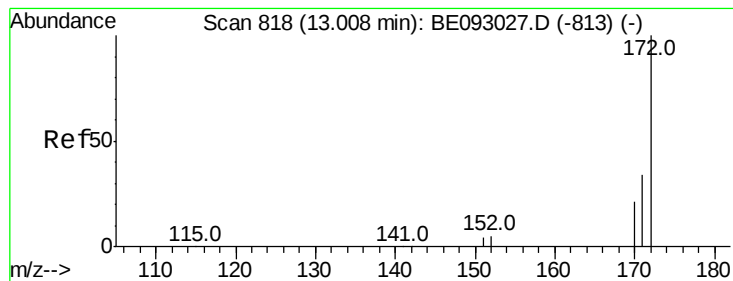


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.28 ng

RT: 13.01 min Scan# 818

Delta R.T. -0.00 min

Lab File: BE093034.D

Acq: 15 May 2017 14:58

Instrument :

BNA_E

ClientSampleId :

PB98886BL

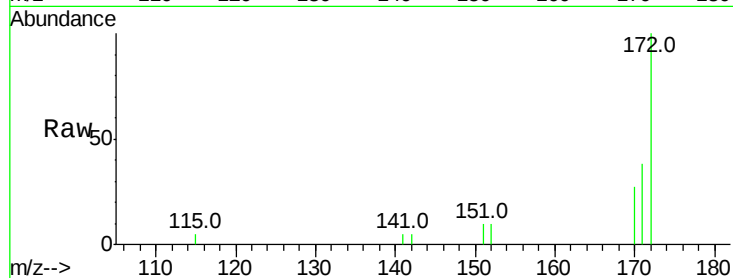
Tot Ion:172 Resp: 1870

Ion Ratio Lower Upper

172 100

171 38.1 29.8 44.6

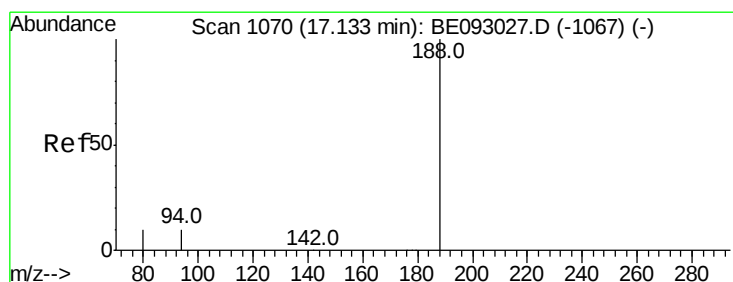
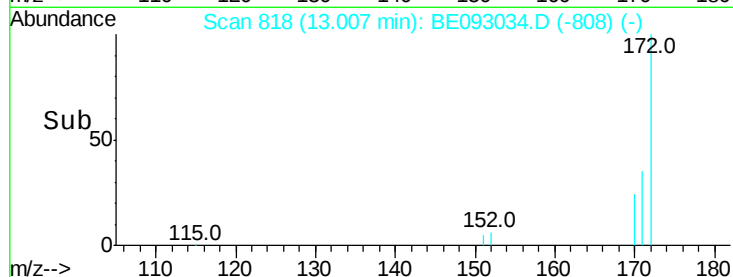
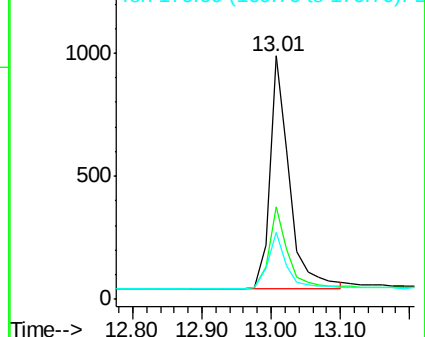
170 27.4 20.7 31.1



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: 0.40 ng

RT: 17.13 min Scan# 1069

Delta R.T. -0.00 min

Lab File: BE093034.D

Acq: 15 May 2017 14:58

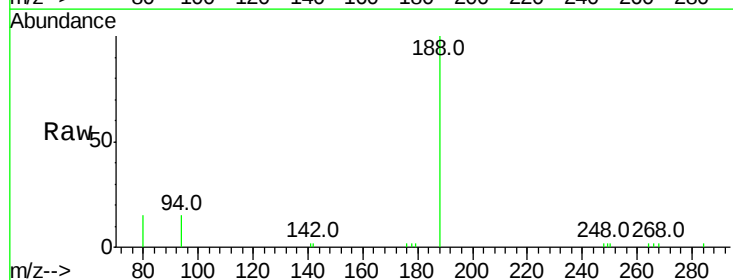
Tgt Ion:188 Resp: 4452

Ion Ratio Lower Upper

188 100

94 15.0 11.3 16.9

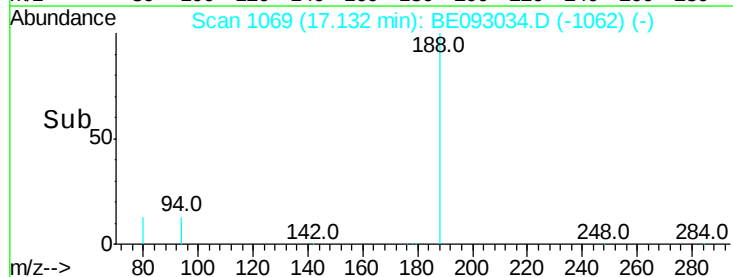
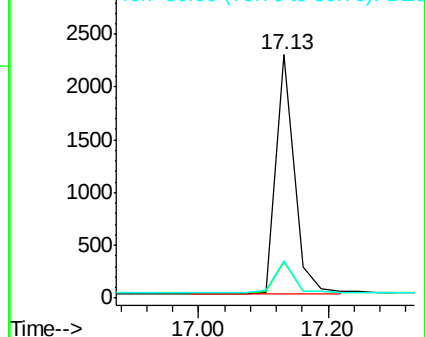
80 15.2 11.7 17.5

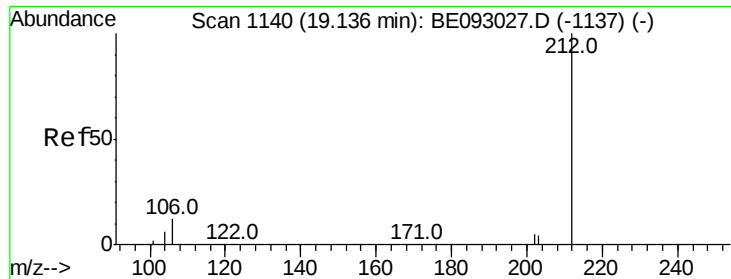


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0





#25

Fluoranthene-d10

Concen: 0.25 ng

RT: 19.14 min Scan# 1139

Delta R.T. -0.00 min

Lab File: BE093034.D

Acq: 15 May 2017 14:58

Instrument :

BNA_E

ClientSampleId :

PB98886BL

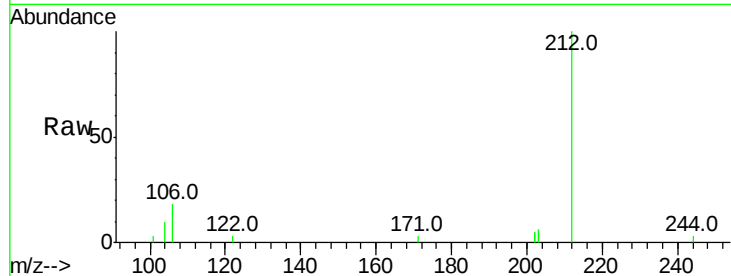
Tot Ion:212 Resp: 2956

Ion Ratio Lower Upper

212 100

106 16.3 0.0 0.0#

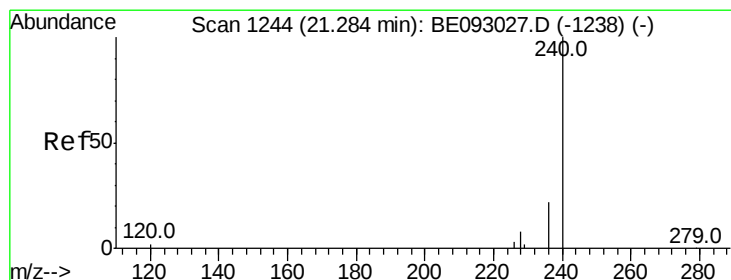
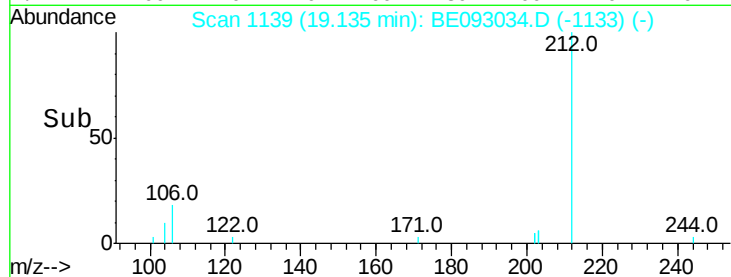
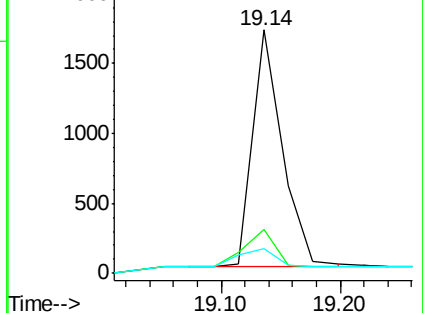
104 8.9 0.0 0.0#



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: 0.40 ng

RT: 21.28 min Scan# 1243

Delta R.T. -0.00 min

Lab File: BE093034.D

Acq: 15 May 2017 14:58

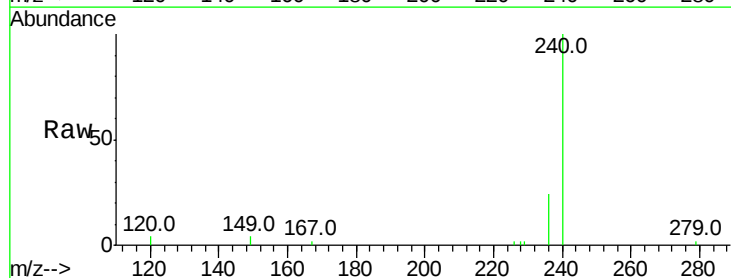
Tgt Ion:240 Resp: 5023

Ion Ratio Lower Upper

240 100

120 4.1 4.6 7.0#

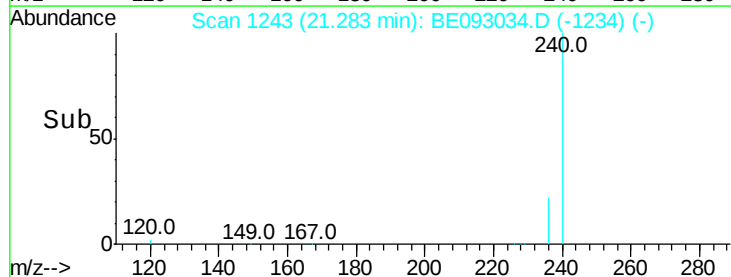
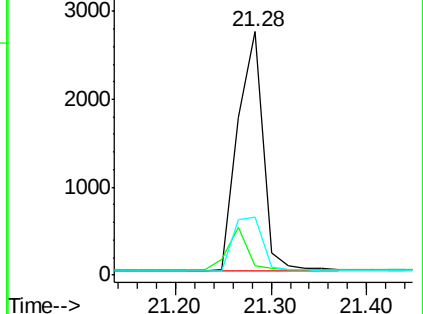
236 23.7 20.8 31.2

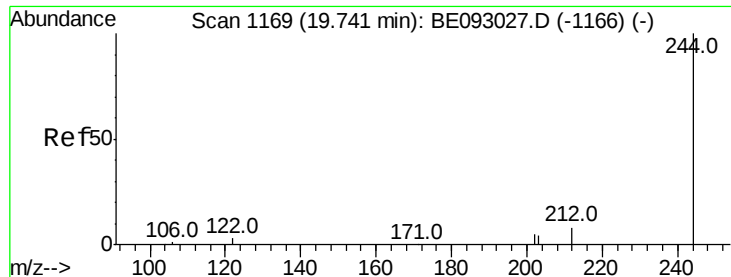


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.34 ng

RT: 19.74 min Scan# 1168

Delta R.T. -0.00 min

Lab File: BE093034.D

Acq: 15 May 2017 14:58

Instrument :

BNA_E

ClientSampleId :

PB98886BL

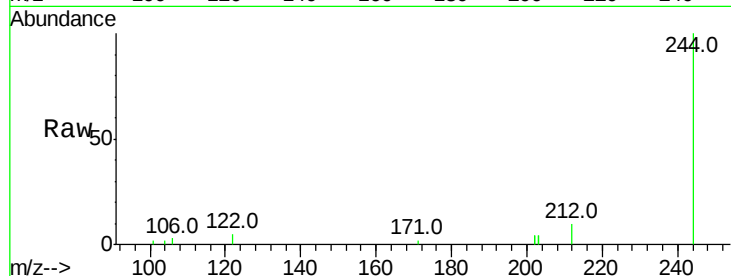
Tot Ion:244 Resp: 3200

Ion Ratio Lower Upper

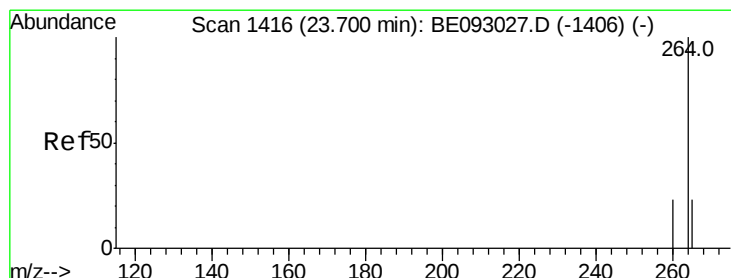
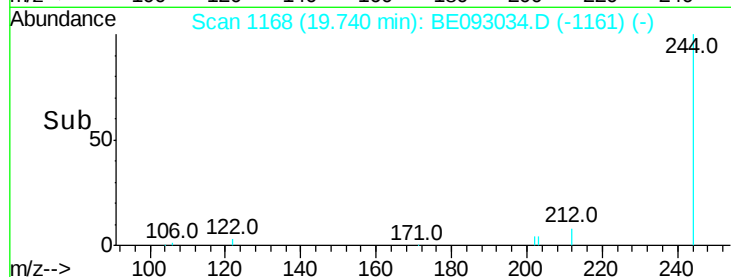
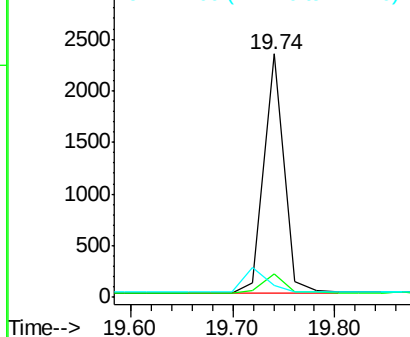
244 100

212 9.9 10.6 16.0#

122 5.1 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: 0.40 ng

RT: 23.69 min Scan# 1414

Delta R.T. -0.01 min

Lab File: BE093034.D

Acq: 15 May 2017 14:58

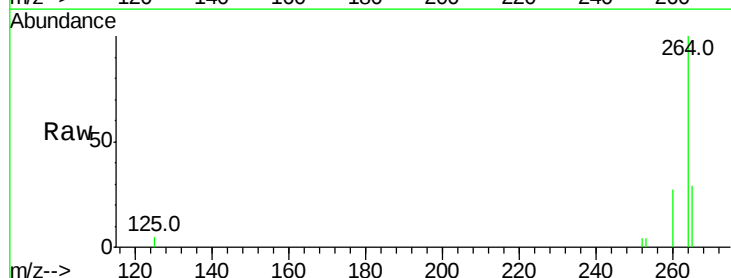
Tgt Ion:264 Resp: 4391

Ion Ratio Lower Upper

264 100

260 27.0 21.0 31.4

265 28.7 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

