

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE071317\
 Data File : BE093451.D
 Acq On : 13 Jul 2017 9:42
 Operator : SJ/JU
 Sample : PB100553BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB100553BL

Quant Time: Jul 13 15:36:31 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE070217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 03 06:40:23 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	4726	0.40	ng	0.00
7) Naphthalene-d8	10.72	136	20799	0.40	ng	0.00
13) Acenaphthene-d10	14.54	164	11290	0.40	ng	0.00
19) Phenanthrene-d10	17.27	188	28715	0.40	ng	0.00
27) Chrysene-d12	21.42	240	39122	0.40	ng	-0.01
34) Perylene-d12	23.93	264	34692	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.53	112	4635	0.32	ng	0.00
5) Phenol-d6	7.10	99	6570	0.31	ng	0.00
8) Nitrobenzene-d5	9.08	82	4361	0.33	ng	0.00
11) 2-Methylnaphthalene-d10	12.31	152	9982	0.30	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	829	0.23	ng	0.00
15) 2-Fluorobiphenyl	13.18	172	14057	0.32	ng	0.00
25) Fluoranthene-d10	19.28	212	130915	0.38	ng	0.00
29) Terphenyl-d14	19.87	244	23595	0.34	ng	0.00

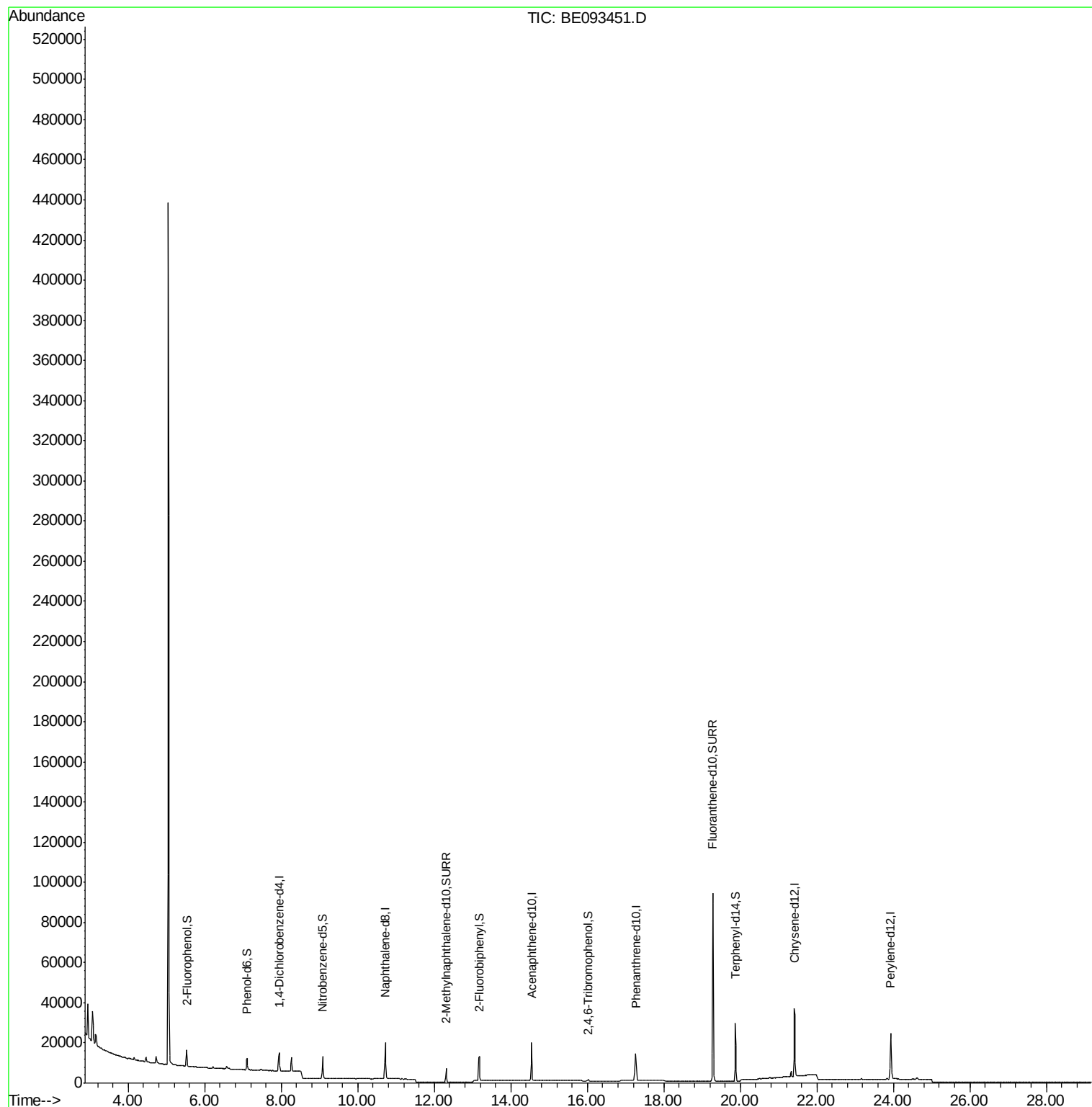
Target Compounds	Qvalue
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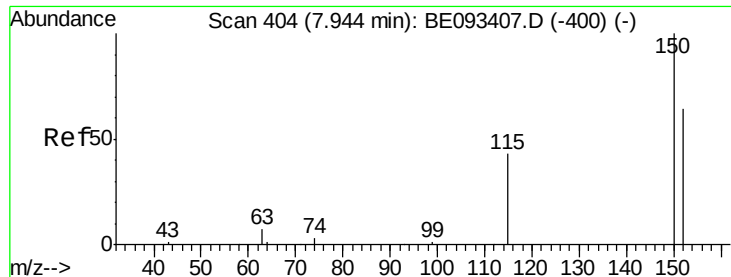
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.95 min Scan# 404

Delta R.T. 0.00 min

Lab File: BE093451.D

Acq: 13 Jul 2017 9:42

Instrument :

BNA_E

ClientSampleId :

PB100553BL

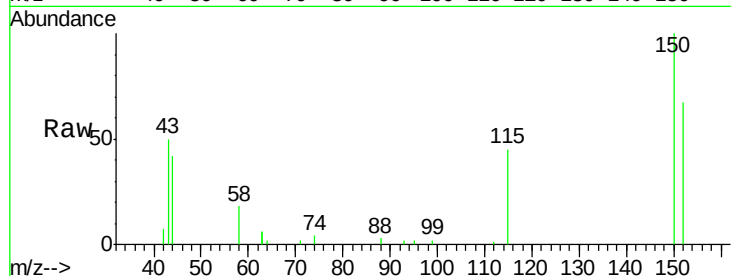
Tgt Ion:152 Resp: 4726

Ion Ratio Lower Upper

152 100

150 148.6 125.1 187.7

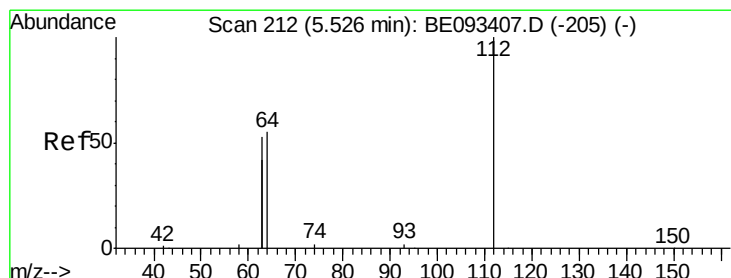
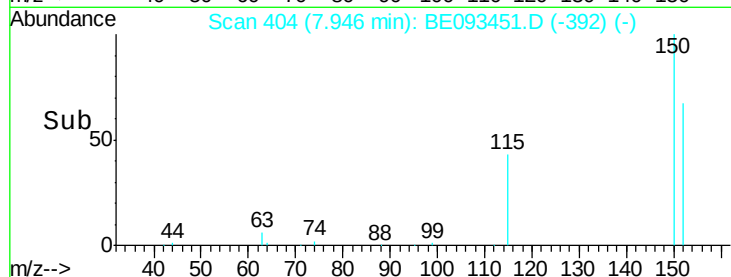
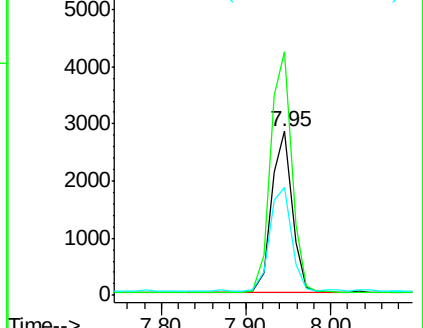
115 66.1 55.7 83.5



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: 0.325 ng

RT: 5.53 min Scan# 212

Delta R.T. 0.00 min

Lab File: BE093451.D

Acq: 13 Jul 2017 9:42

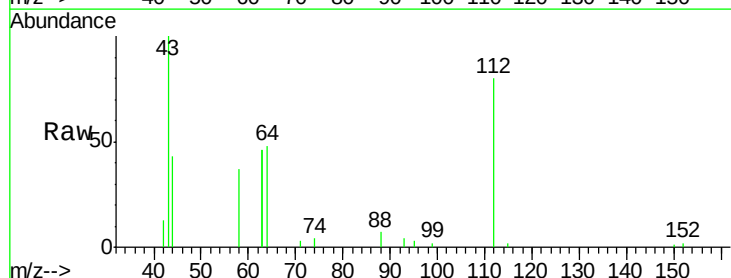
Tgt Ion:112 Resp: 4635

Ion Ratio Lower Upper

112 100

64 71.8 56.4 84.6

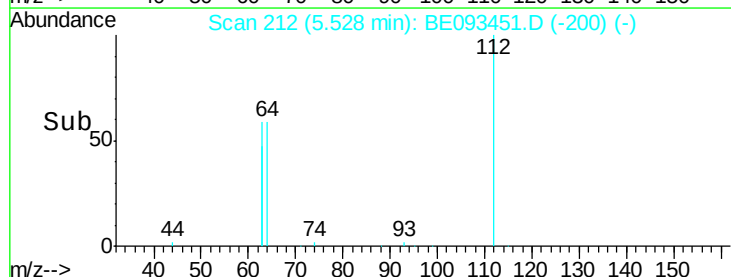
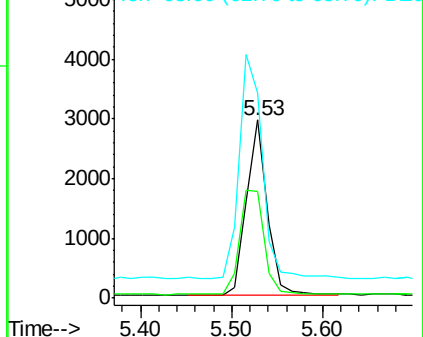
63 142.8 29.3 43.9#

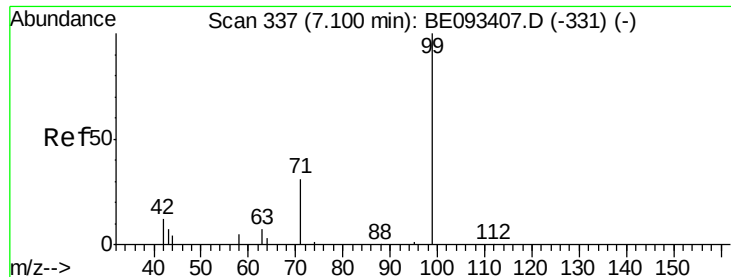


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.312 ng

RT: 7.10 min Scan# 337

Delta R.T. 0.00 min

Lab File: BE093451.D

Acq: 13 Jul 2017 9:42

Instrument :

BNA_E

ClientSampleId :

PB100553BL

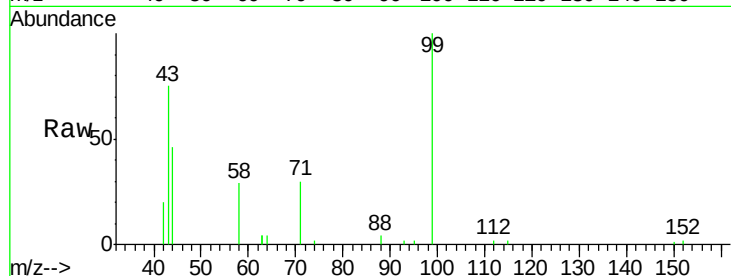
Tgt Ion: 99 Resp: 6570

Ion Ratio Lower Upper

99 100

42 19.2 0.0 0.0#

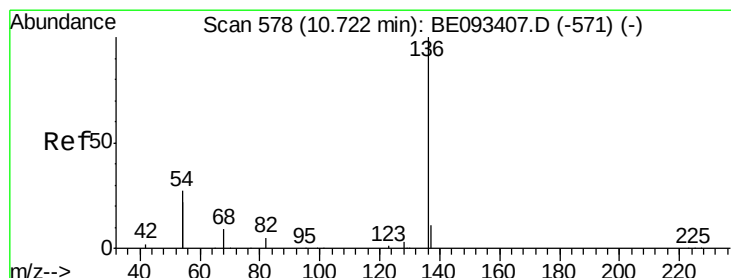
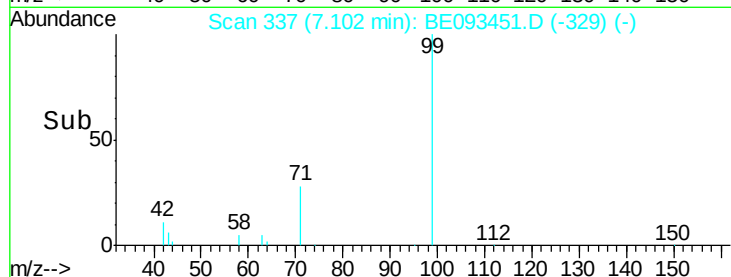
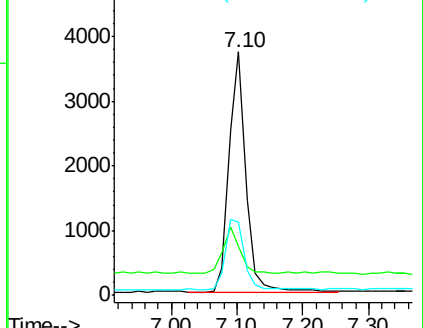
71 34.1 0.0 0.0#



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: 10.72 min Scan# 578

Delta R.T. 0.00 min

Lab File: BE093451.D

Acq: 13 Jul 2017 9:42

Tgt Ion: 136 Resp: 20799

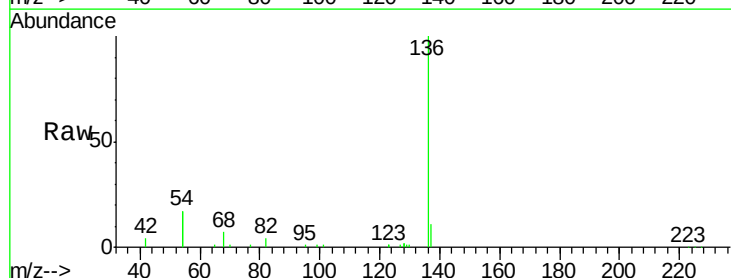
Ion Ratio Lower Upper

136 100

137 11.2 9.8 14.8

54 35.0 10.3 15.5#

68 7.4 9.0 13.4#

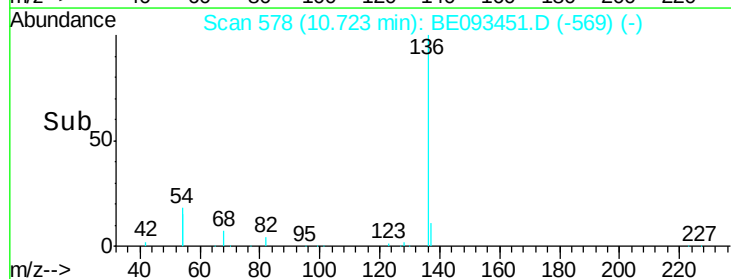
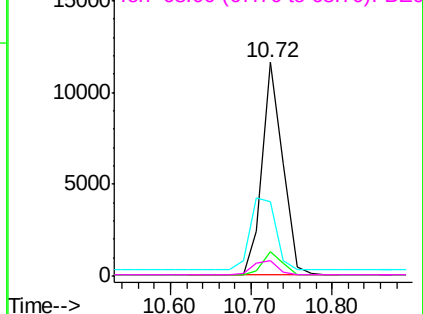


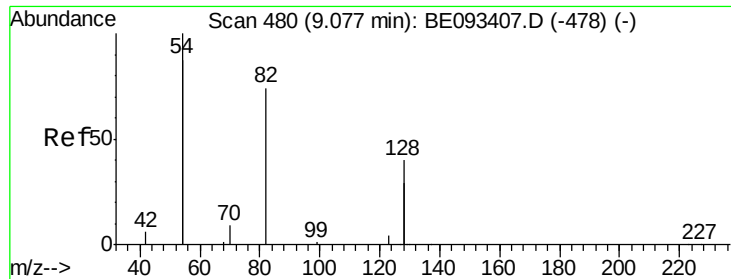
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.328 ng

RT: 9.08 min Scan# 480

Delta R.T. 0.00 min

Lab File: BE093451.D

Acq: 13 Jul 2017 9:42

Instrument :

BNA_E

ClientSampleId :

PB100553BL

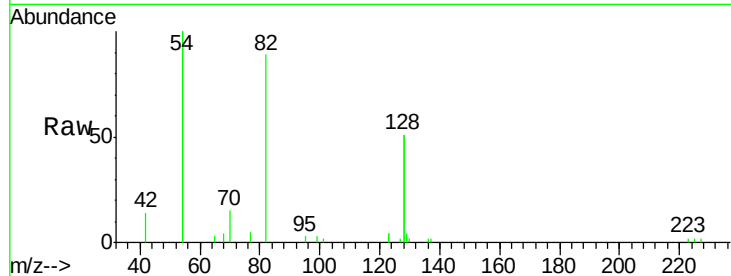
Tgt Ion: 82 Resp: 4361

Ion Ratio Lower Upper

82 100

128 115.1 17.0 25.4#

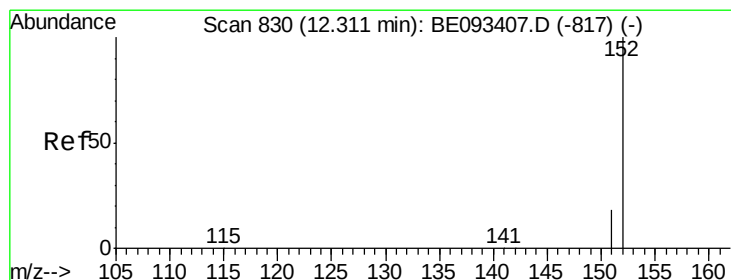
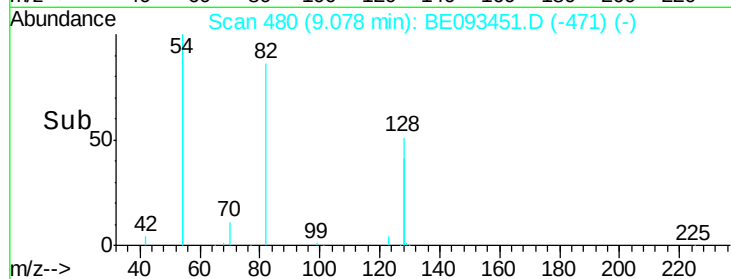
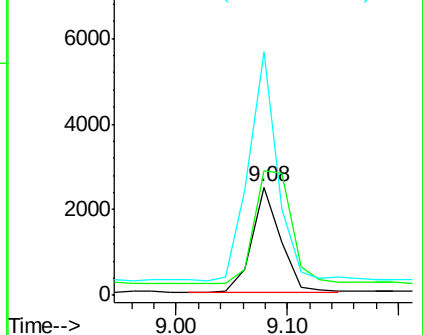
54 224.6 53.8 80.6#



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: 0.301 ng

RT: 12.31 min Scan# 829

Delta R.T. -0.00 min

Lab File: BE093451.D

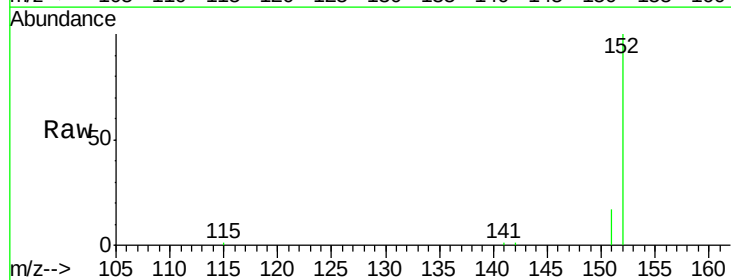
Acq: 13 Jul 2017 9:42

Tgt Ion: 152 Resp: 9982

Ion Ratio Lower Upper

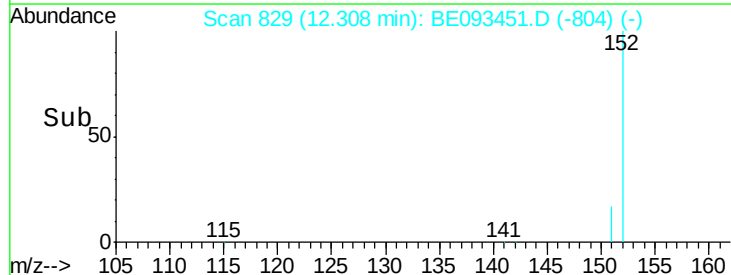
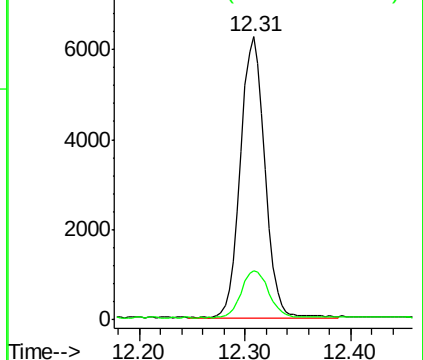
152 100

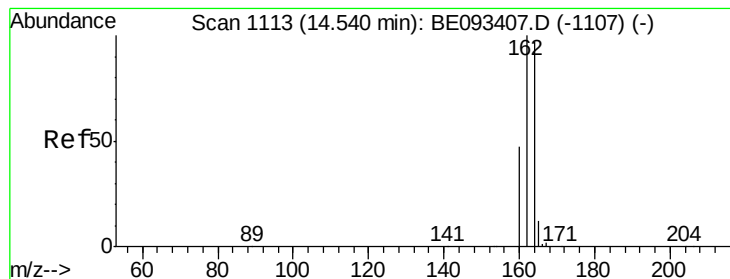
151 18.8 15.1 22.7



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: 14.54 min Scan# 1113

Delta R.T. 0.00 min

Lab File: BE093451.D

Acq: 13 Jul 2017 9:42

Instrument :

BNA_E

ClientSampleId :

PB100553BL

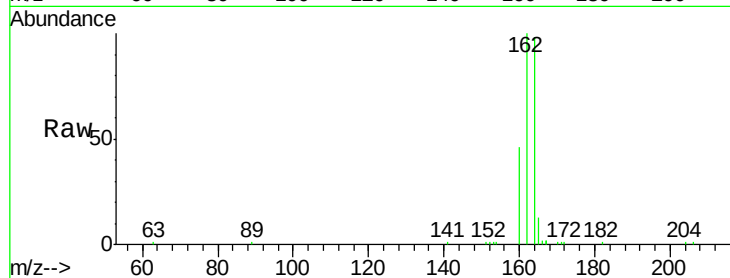
Tgt Ion:164 Resp: 11290

Ion Ratio Lower Upper

164 100

162 102.4 84.6 127.0

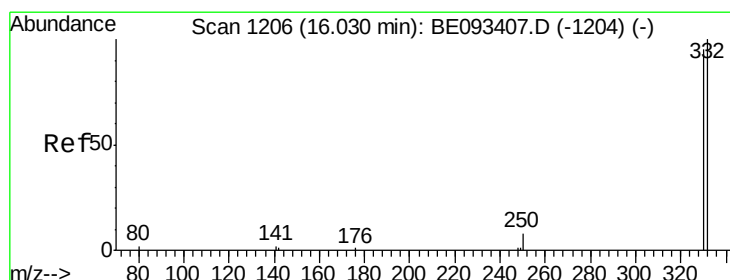
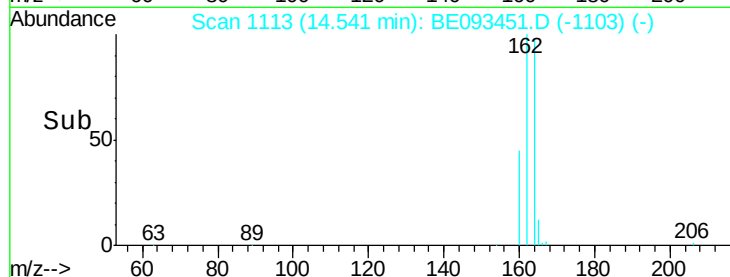
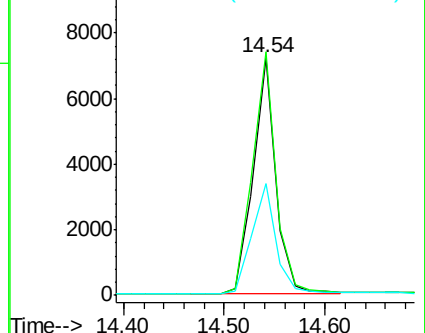
160 46.7 41.8 62.6



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: 0.234 ng

RT: 16.03 min Scan# 1206

Delta R.T. -0.00 min

Lab File: BE093451.D

Acq: 13 Jul 2017 9:42

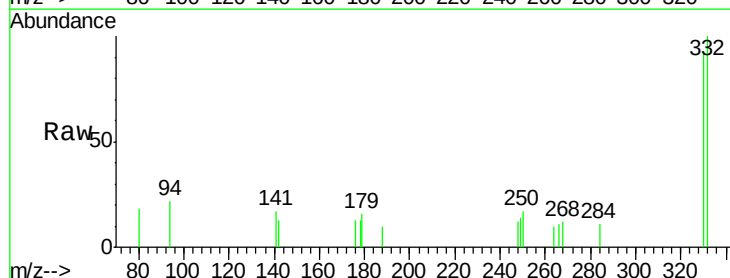
Tgt Ion:330 Resp: 829

Ion Ratio Lower Upper

330 100

332 105.7 77.7 116.5

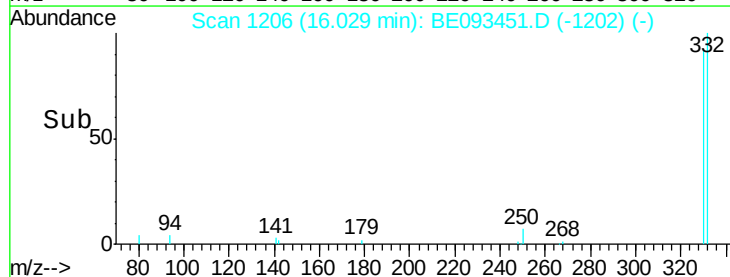
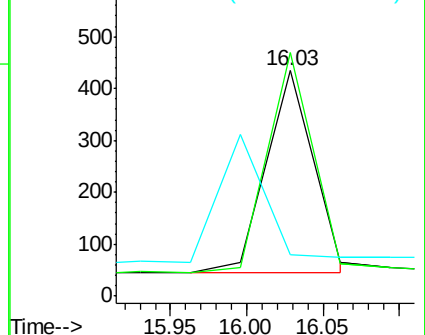
141 0.0 56.2 84.4#

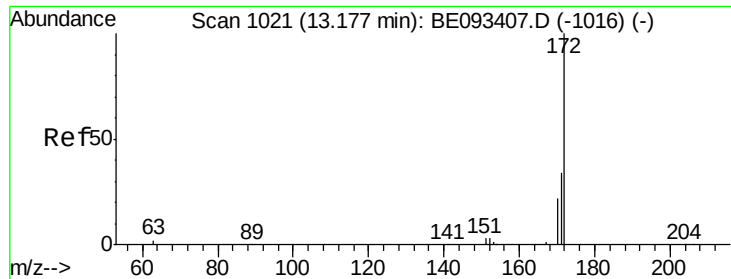


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

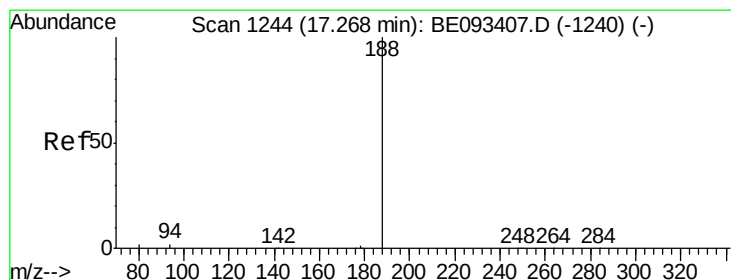
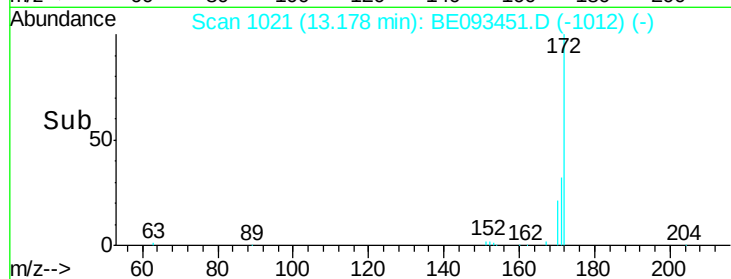
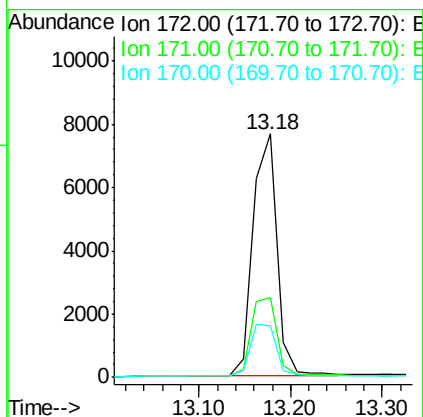
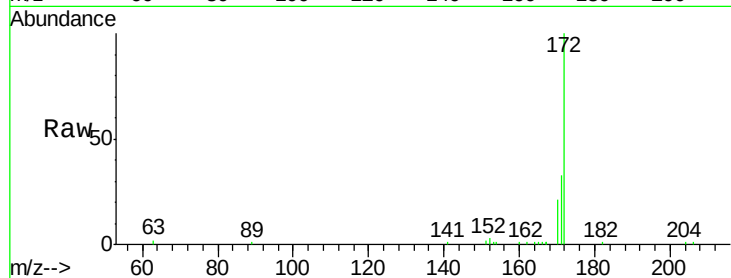




#15
 2-Fluorobiphenyl
 Concen: 0.321 ng
 RT: 13.18 min Scan# 1021
 Delta R.T. 0.00 min
 Lab File: BE093451.D
 Acq: 13 Jul 2017 9:42

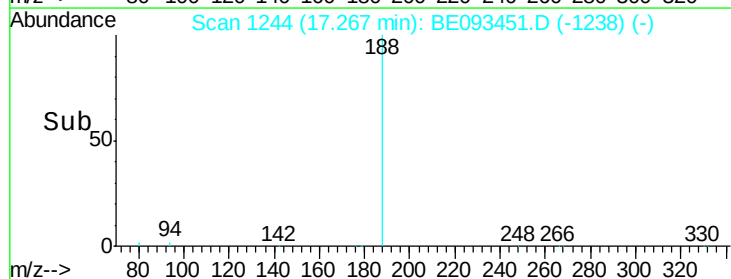
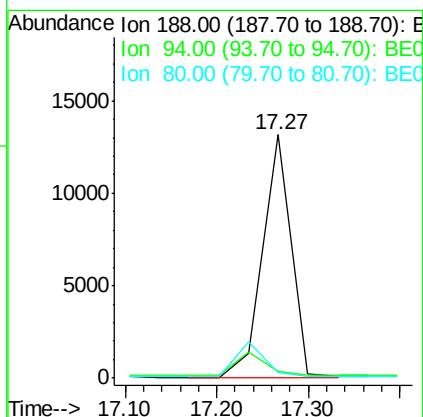
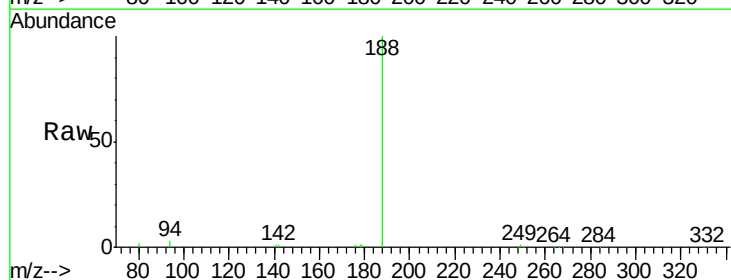
Instrument :
 BNA_E
 ClientSampleId :
 PB100553BL

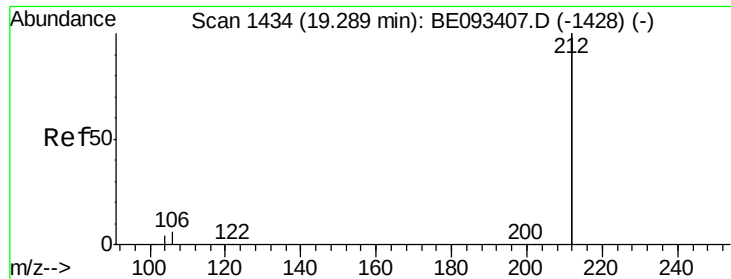
Tgt Ion:172 Resp: 14057
 Ion Ratio Lower Upper
 172 100
 171 32.9 29.8 44.6
 170 21.2 20.7 31.1



#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.27 min Scan# 1244
 Delta R.T. -0.00 min
 Lab File: BE093451.D
 Acq: 13 Jul 2017 9:42

Tgt Ion:188 Resp: 28715
 Ion Ratio Lower Upper
 188 100
 94 3.0 11.3 16.9#
 80 2.3 11.7 17.5#





#25

Fluoranthene-d10

Concen: 0.378 ng

RT: 19.28 min Scan# 1433

Delta R.T. -0.01 min

Lab File: BE093451.D

Acq: 13 Jul 2017 9:42

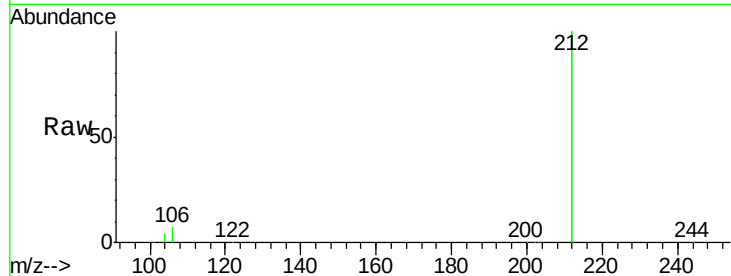
Instrument :

BNA_E

ClientSampleId :

PB100553BL

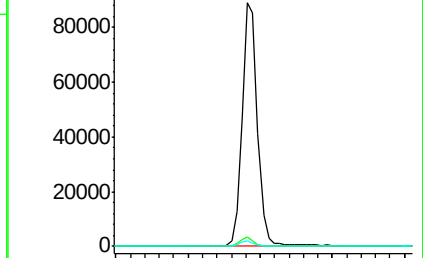
Tgt Ion:	212	Resp:	130915
Ion	Ratio	Lower	Upper
212	100		
106	3.5	2.4	3.6
104	1.9	1.6	2.4



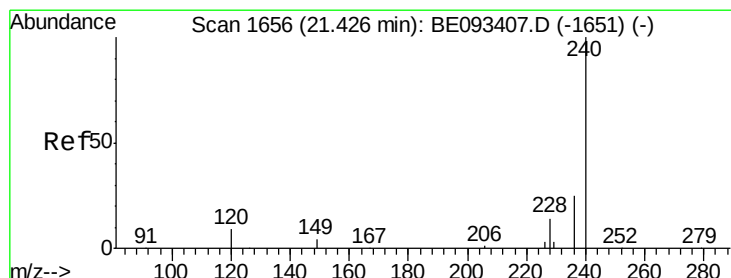
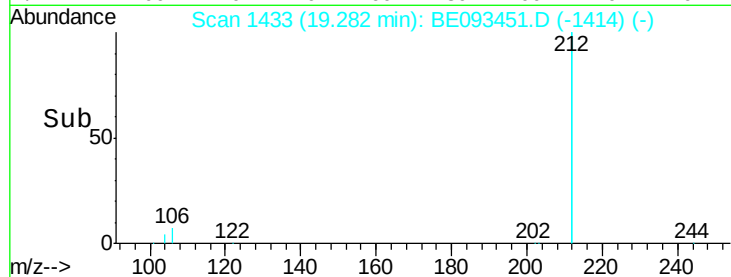
Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



Time--> 19.10 19.20 19.30 19.40



#27

Chrysene-d12

Concen: 0.400 ng

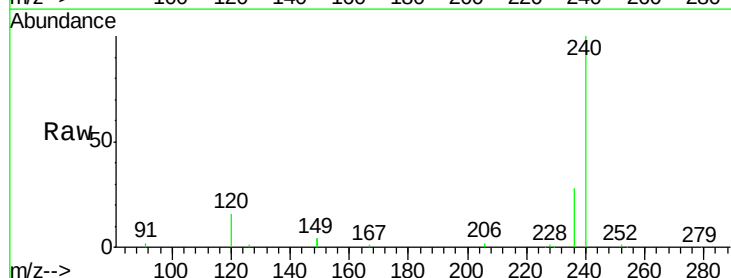
RT: 21.42 min Scan# 1655

Delta R.T. -0.01 min

Lab File: BE093451.D

Acq: 13 Jul 2017 9:42

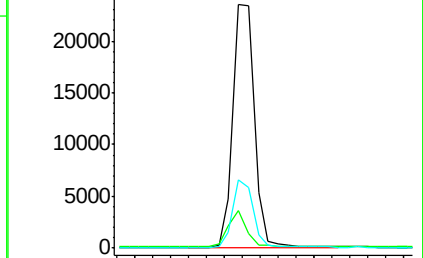
Tgt Ion:	240	Resp:	39122
Ion	Ratio	Lower	Upper
240	100		
120	15.6	4.6	7.0#
236	28.1	20.8	31.2



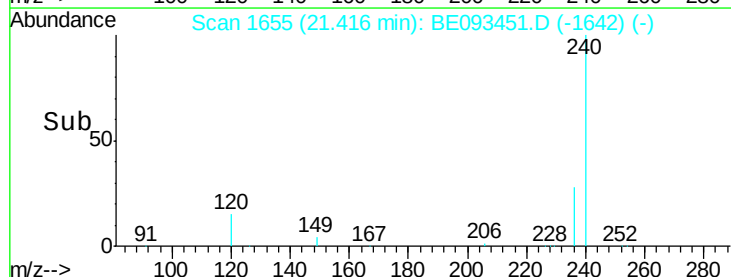
Abundance Ion 240.00 (239.70 to 240.70): E

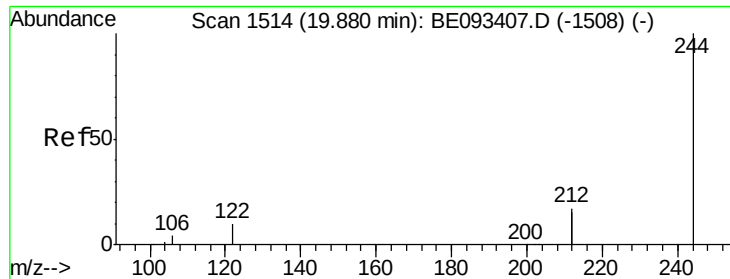
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time--> 21.30 21.40 21.50





#29

Terphenyl-d14

Concen: 0.338 ng

RT: 19.87 min Scan# 1513

Delta R.T. -0.01 min

Lab File: BE093451.D

Acq: 13 Jul 2017 9:42

Instrument :

BNA_E

ClientSampleId :

PB100553BL

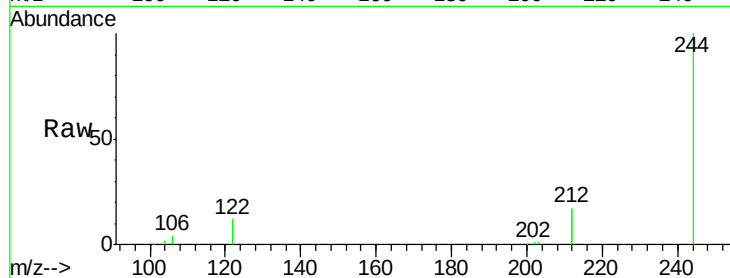
Tgt Ion:244 Resp: 23595

Ion Ratio Lower Upper

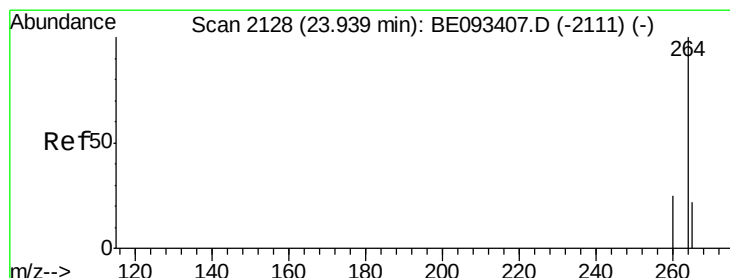
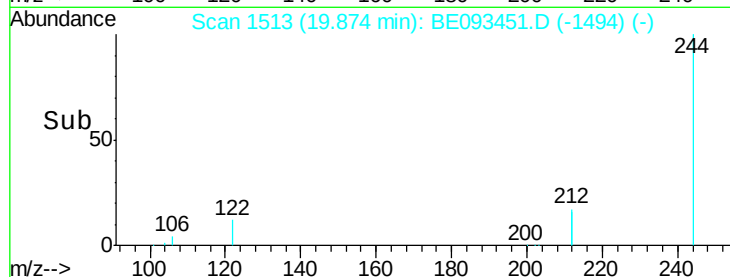
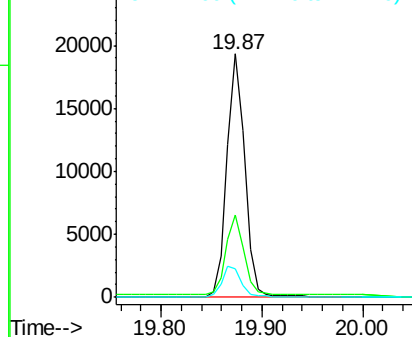
244 100

212 33.7 10.6 16.0#

122 12.0 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: 23.93 min Scan# 2126

Delta R.T. -0.01 min

Lab File: BE093451.D

Acq: 13 Jul 2017 9:42

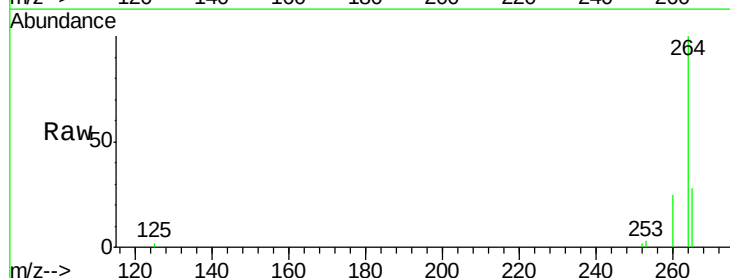
Tgt Ion:264 Resp: 34692

Ion Ratio Lower Upper

264 100

260 24.8 21.0 31.4

265 27.6 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

