

Data Path : Z:\HPCHEM1\BNA E\DATA\BE071917\
 Data File : BE093494.D
 Acq On : 19 Jul 2017 20:57
 Operator : SJ/JU
 Sample : I4199-12
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 3574-PA4

Quant Time: Jul 20 14:23:25 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

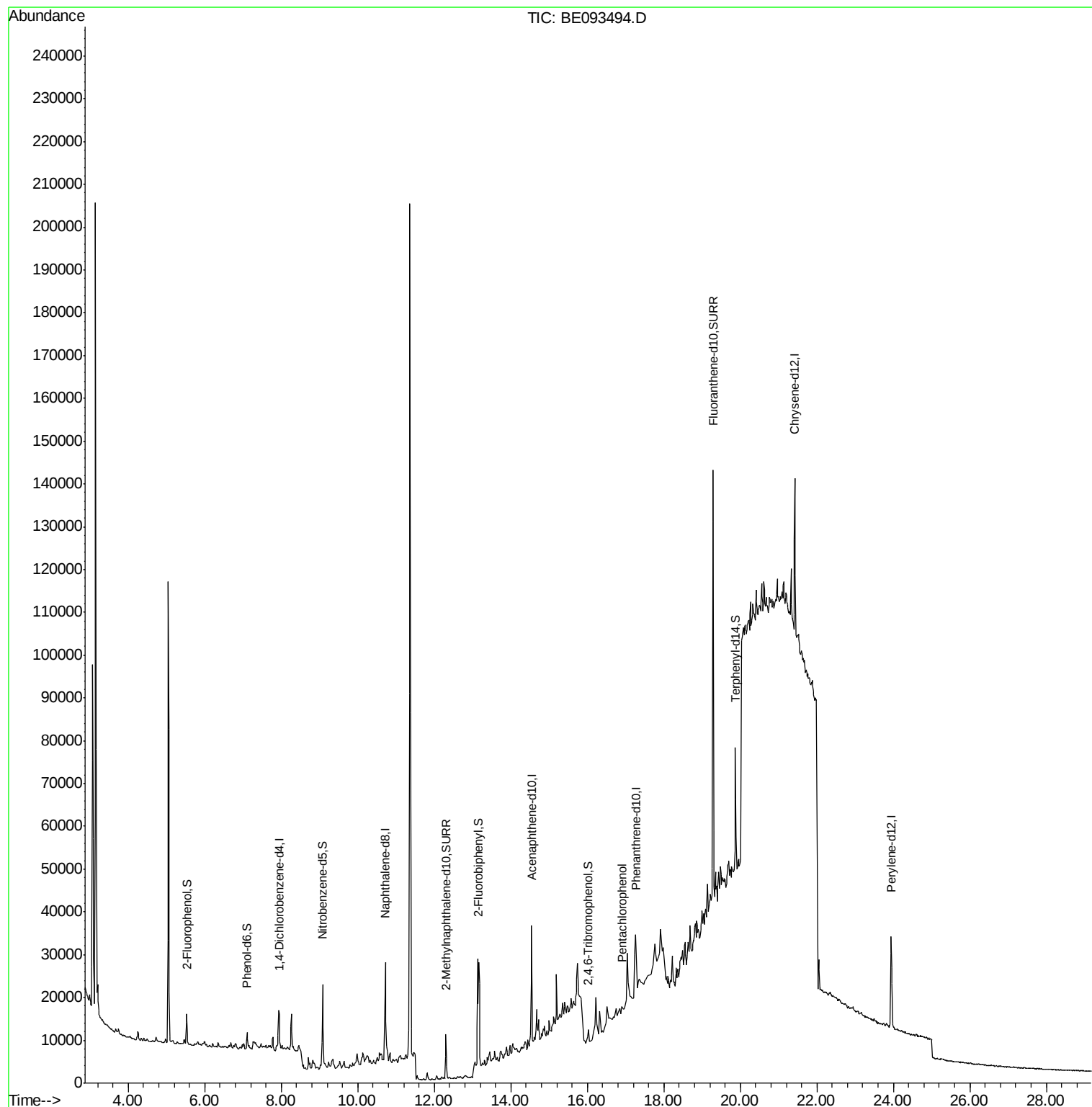
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	4702	0.40	ng	0.00
7) Naphthalene-d8	10.72	136	26287	0.40	ng	0.00
13) Acenaphthene-d10	14.54	164	16733	0.40	ng	0.00
19) Phenanthrene-d10	17.27	188	28320	0.40	ng	0.00
27) Chrysene-d12	21.43	240	38231	0.40	ng	0.00
34) Perylene-d12	23.94	264	31393	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.53	112	3738	0.26	ng	0.00
5) Phenol-d6	7.10	99	3661	0.17	ng	0.00
8) Nitrobenzene-d5	9.08	82	7742	0.46	ng	0.00
11) 2-Methylnaphthalene-d10	12.30	152	13879	0.33	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	2304	0.44	ng	0.00
15) 2-Fluorobiphenyl	13.16	172	24601	0.38	ng	-0.01
25) Fluoranthene-d10	19.29	212	140457	0.41	ng	0.00
29) Terphenyl-d14	19.87	244	24113	0.35	ng	0.00
Target Compounds						
22) Pentachlorophenol	16.91	266	698	0.314	ng	Qvalue 86

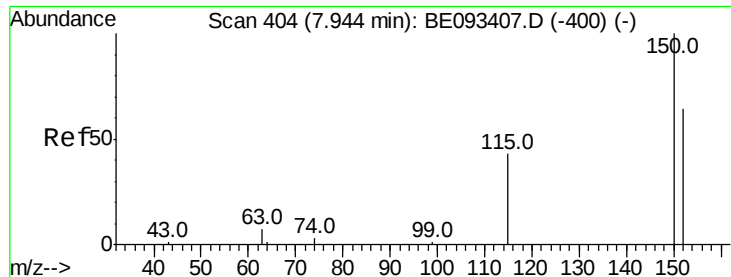
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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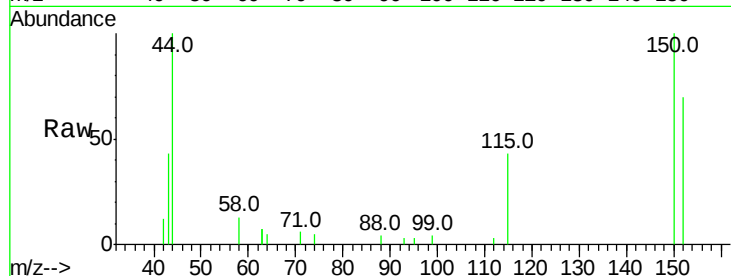


#1

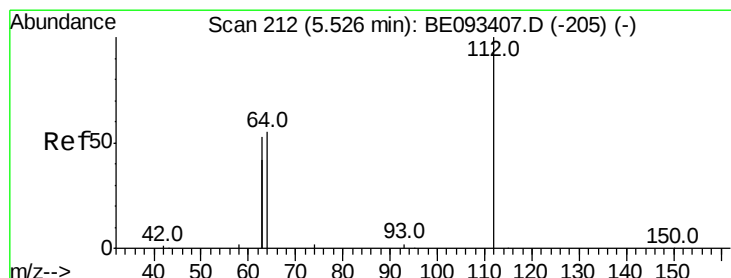
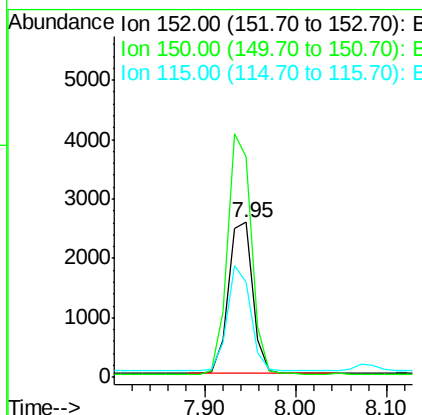
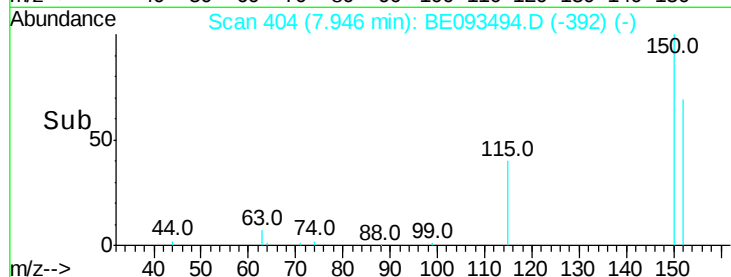
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.95 min Scan# 404
Delta R.T. 0.00 min
Lab File: BE093494.D
Acq: 19 Jul 2017 20:57

Instrument :
BNA_E
ClientSampleId :
3574-PA4

Tot Ion:152 Resp: 4702
Ion Ratio Lower Upper
152 100
150 142.8 125.1 187.7
115 61.2 55.7 83.5



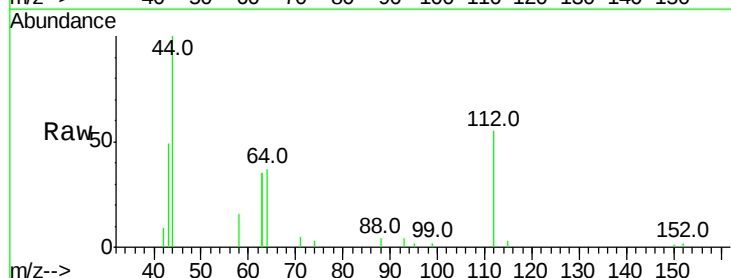
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



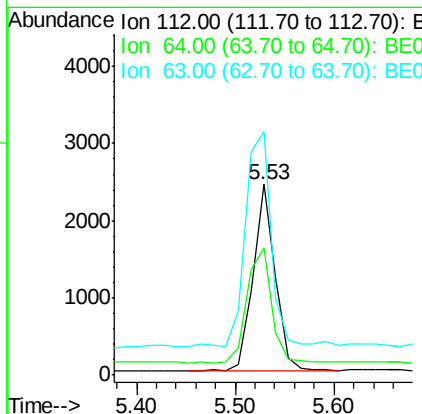
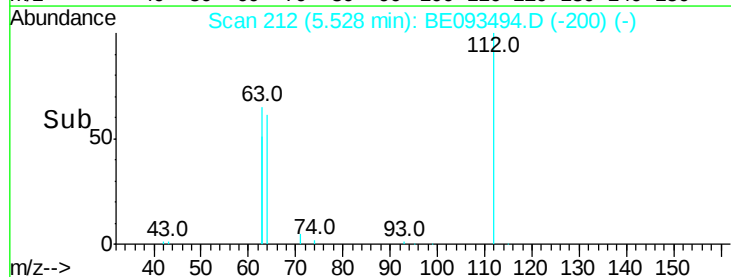
#4

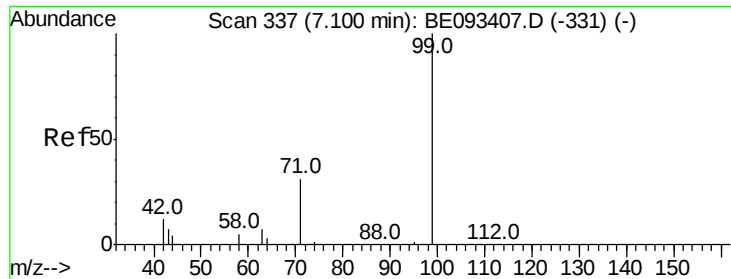
2-Fluorophenol
Concen: 0.263 ng
RT: 5.53 min Scan# 212
Delta R.T. 0.00 min
Lab File: BE093494.D
Acq: 19 Jul 2017 20:57

Tgt Ion:112 Resp: 3738
Ion Ratio Lower Upper
112 100
64 69.4 56.4 84.6
63 132.0 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: 0.175 ng

RT: 7.10 min Scan# 337

Delta R.T. 0.00 min

Lab File: BE093494.D

Acq: 19 Jul 2017 20:57

Instrument :

BNA_E

ClientSampleId :

3574-PA4

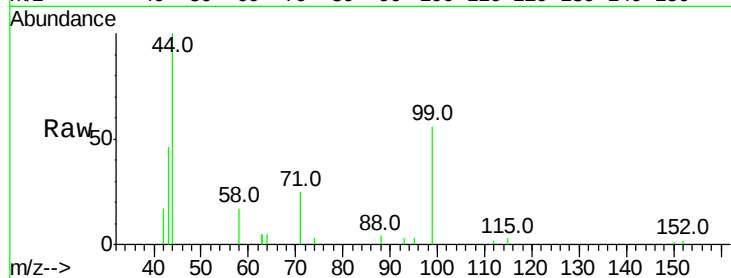
Tot Ion: 99 Resp: 3661

Ion Ratio Lower Upper

99 100

42 17.6 0.0 0.0#

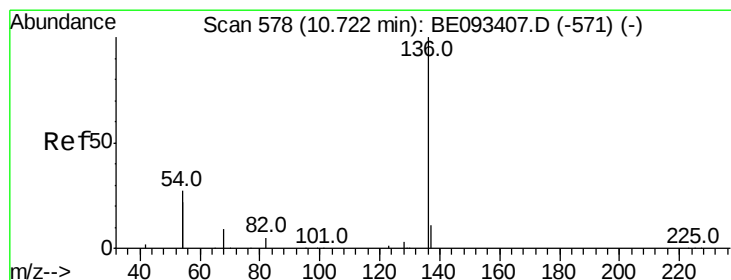
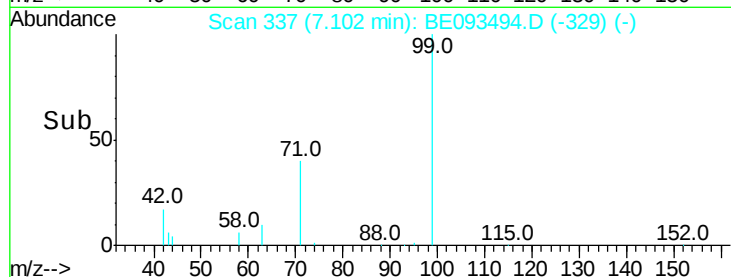
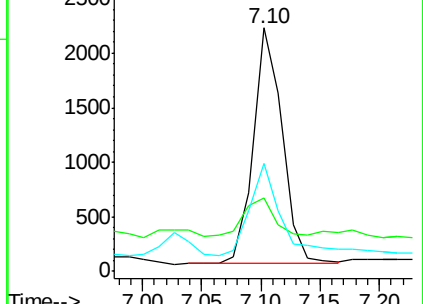
71 46.5 0.0 0.0#



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: BE093494.D

Acq: 19 Jul 2017 20:57

Tgt Ion: 136 Resp: 26287

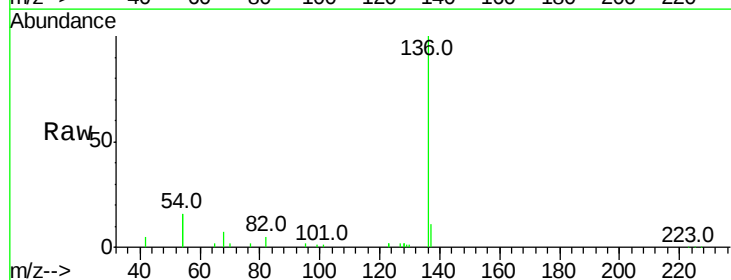
Ion Ratio Lower Upper

136 100

137 11.4 9.8 14.8

54 32.7 10.3 15.5#

68 6.8 9.0 13.4#

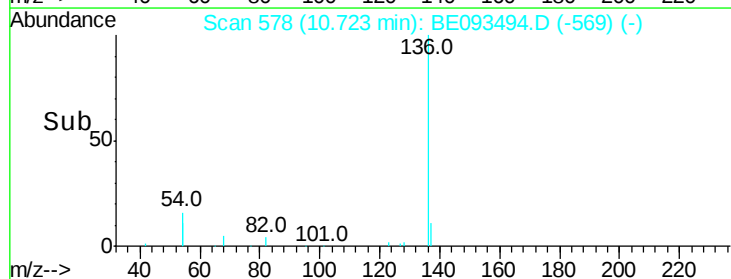
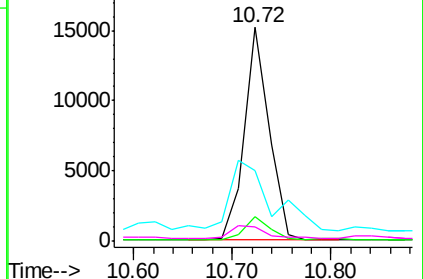


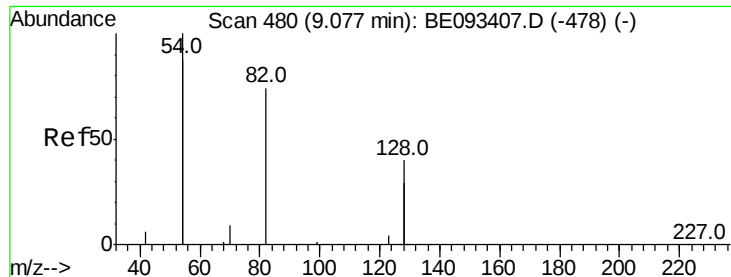
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.461 ng

RT: 9.08 min Scan# 480

Delta R.T. 0.00 min

Lab File: BE093494.D

Acq: 19 Jul 2017 20:57

Instrument :

BNA_E

ClientSampleId :

3574-PA4

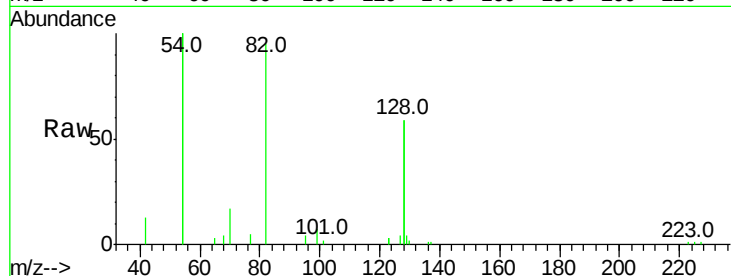
Tot Ion: 82 Resp: 7742

Ion Ratio Lower Upper

82 100

128 124.6 17.0 25.4#

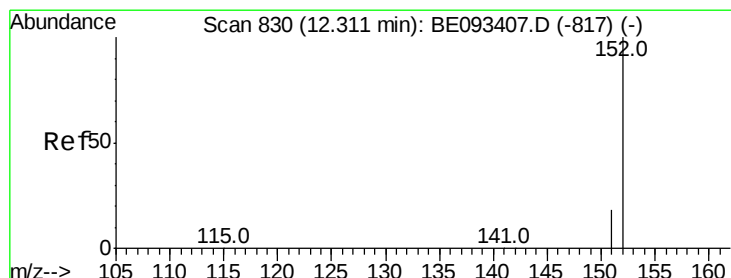
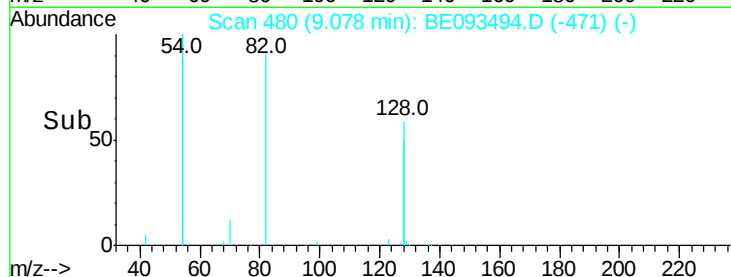
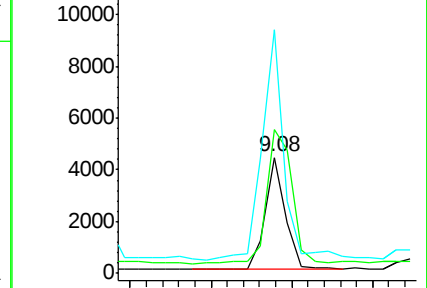
54 210.5 53.8 80.6#



Abundance Ion 82.00 (81.70 to 82.70): BE093407.D (-478) (-)

Ion 128.00 (127.70 to 128.70): BE093407.D (-478) (-)

Ion 54.00 (53.70 to 54.70): BE093407.D (-478) (-)



#11

2-Methylnaphthalene-d10

Concen: 0.331 ng

RT: 12.30 min Scan# 828

Delta R.T. -0.01 min

Lab File: BE093494.D

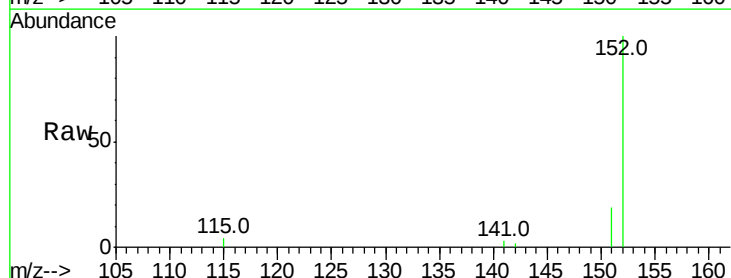
Acq: 19 Jul 2017 20:57

Tgt Ion: 152 Resp: 13879

Ion Ratio Lower Upper

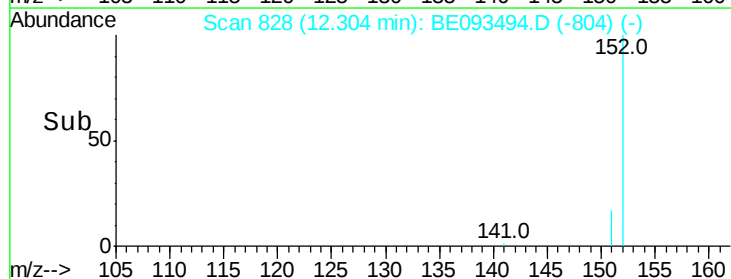
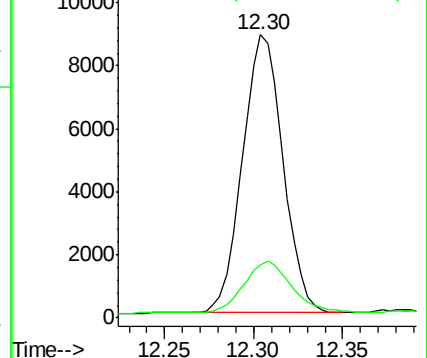
152 100

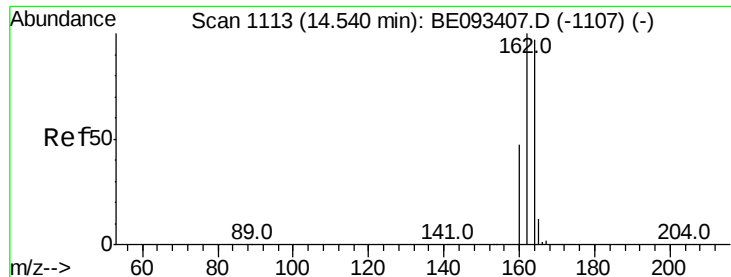
151 22.2 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): BE093407.D (-817) (-)

Ion 151.00 (150.70 to 151.70): BE093407.D (-817) (-)





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.54 min Scan# 1113

Delta R.T. 0.00 min

Lab File: BE093494.D

Acq: 19 Jul 2017 20:57

Instrument :

BNA_E

ClientSampleId :

3574-PA4

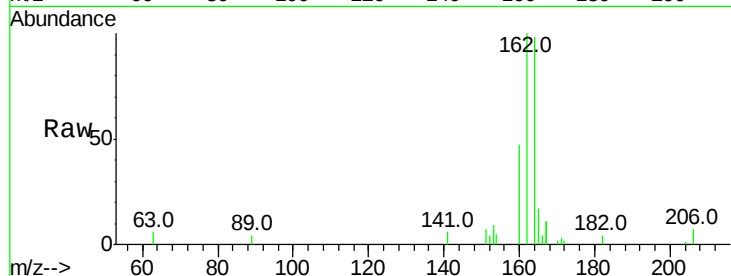
Tot Ion:164 Resp: 16733

Ion Ratio Lower Upper

164 100

162 102.5 84.6 127.0

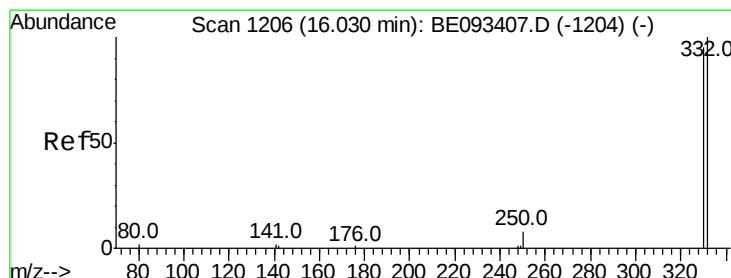
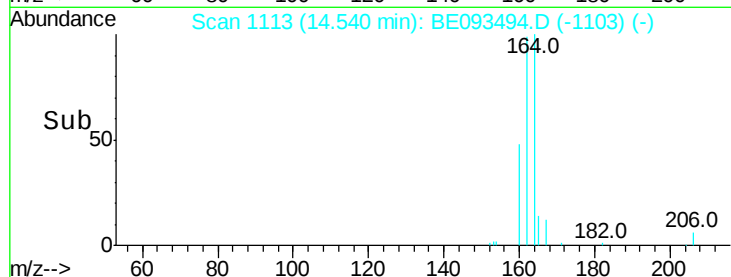
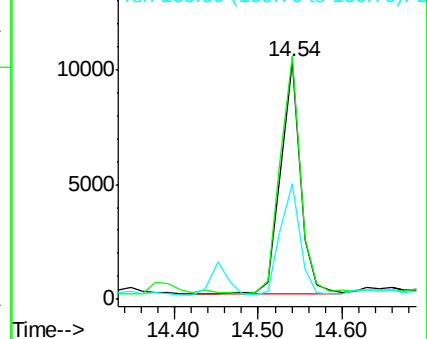
160 48.4 41.8 62.6



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: 0.438 ng

RT: 16.03 min Scan# 1206

Delta R.T. 0.00 min

Lab File: BE093494.D

Acq: 19 Jul 2017 20:57

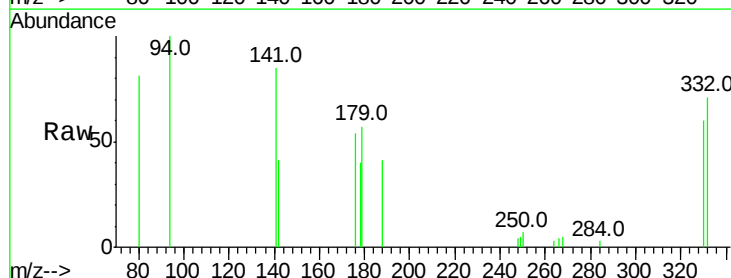
Tgt Ion:330 Resp: 2304

Ion Ratio Lower Upper

330 100

332 113.8 77.7 116.5

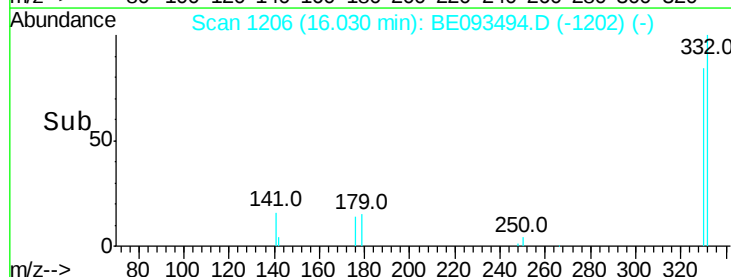
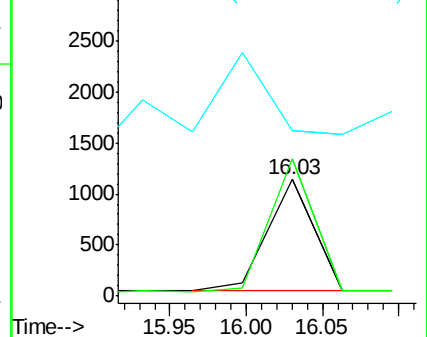
141 0.0 56.2 84.4#

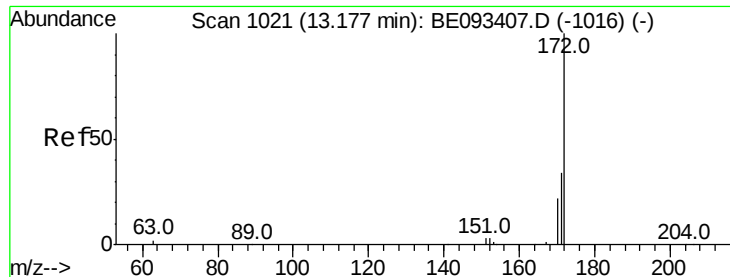


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

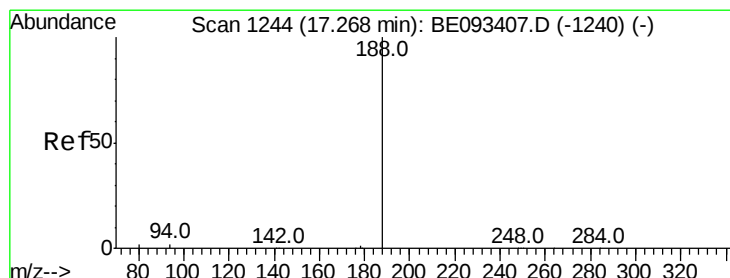
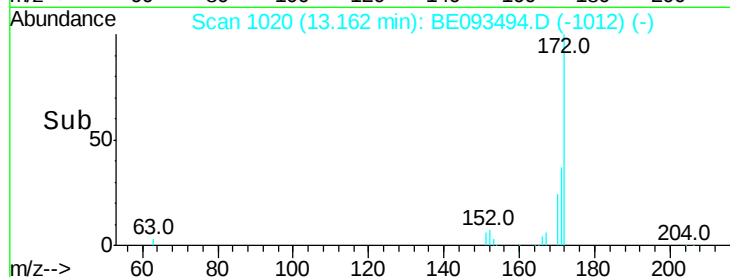
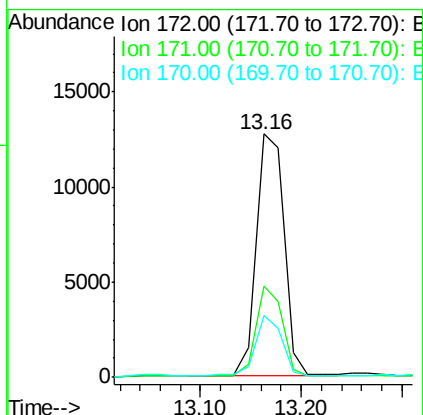
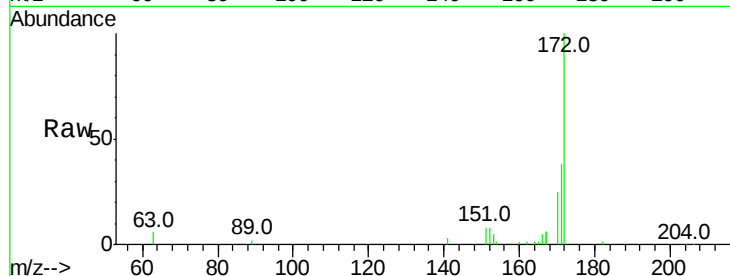




#15
2-Fluorobiphenyl
Concen: 0.379 ng
RT: 13.16 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BE093494.D
Acq: 19 Jul 2017 20:57

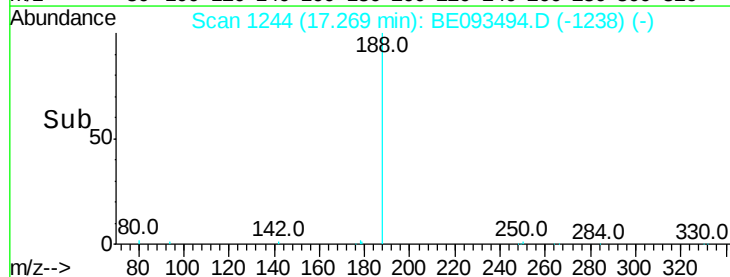
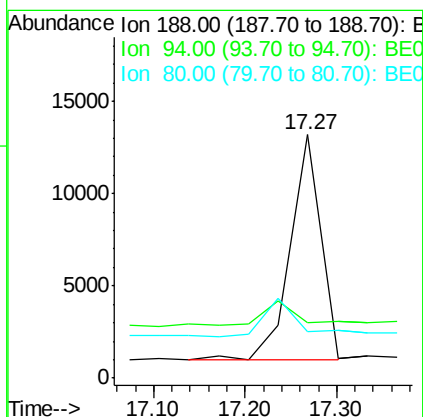
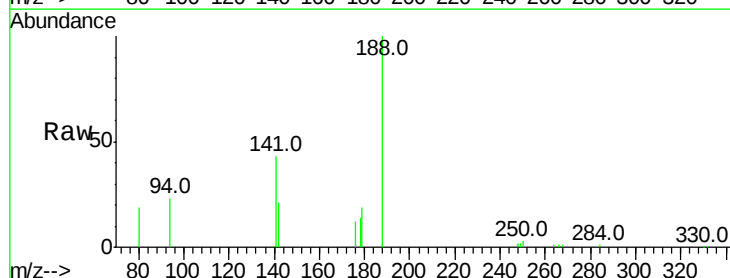
Instrument :
BNA_E
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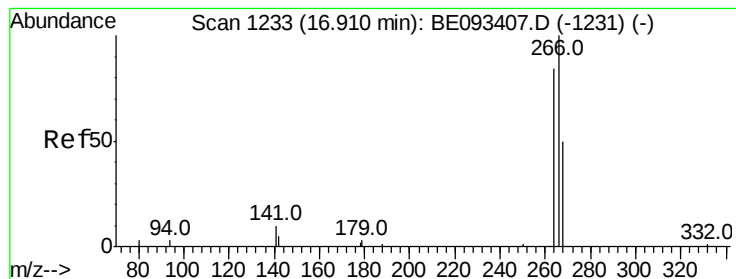
Tot Ion:172 Resp: 24601
Ion Ratio Lower Upper
172 100
171 37.7 29.8 44.6
170 25.5 20.7 31.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.27 min Scan# 1244
Delta R.T. 0.00 min
Lab File: BE093494.D
Acq: 19 Jul 2017 20:57

Tgt Ion:188 Resp: 28320
Ion Ratio Lower Upper
188 100
94 22.9 11.3 16.9#
80 19.3 11.7 17.5#





#22

Pentachlorophenol

Concen: 0.314 ng

RT: 16.91 min Scan# 1233

Delta R.T. 0.00 min

Lab File: BE093494.D

Acq: 19 Jul 2017 20:57

Instrument :

BNA_E

ClientSampleId :

3574-PA4

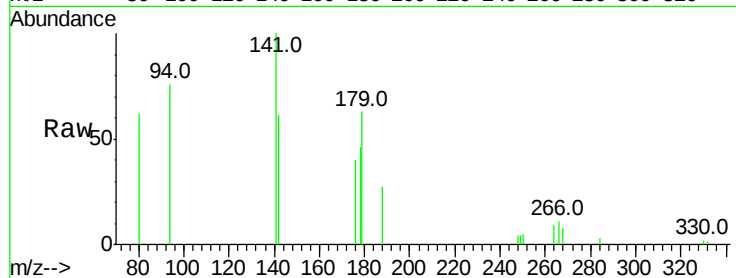
Tot Ion:266 Resp: 698

Ion Ratio Lower Upper

266 100

264 78.9 58.2 87.2

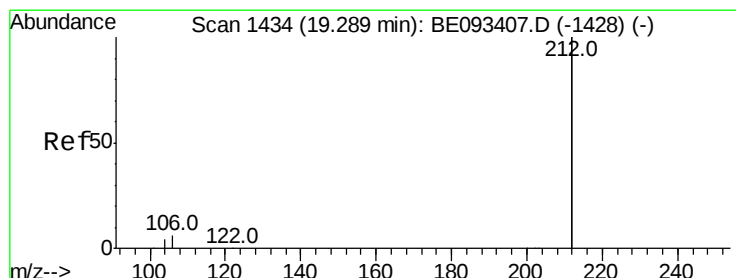
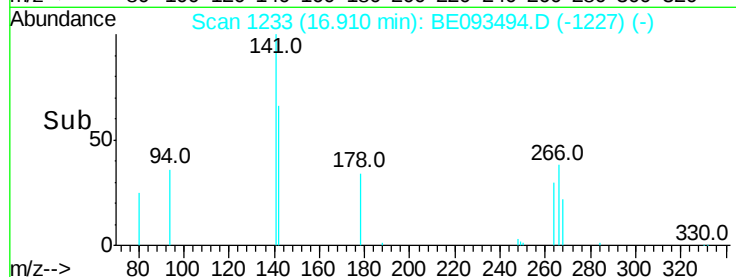
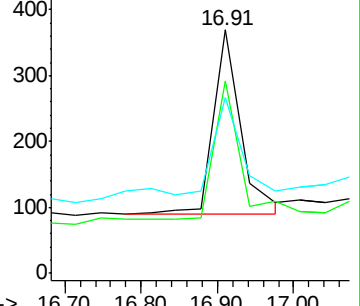
268 72.1 71.9 107.9



Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



#25

Fluoranthene-d10

Concen: 0.411 ng

RT: 19.29 min Scan# 1434

Delta R.T. 0.00 min

Lab File: BE093494.D

Acq: 19 Jul 2017 20:57

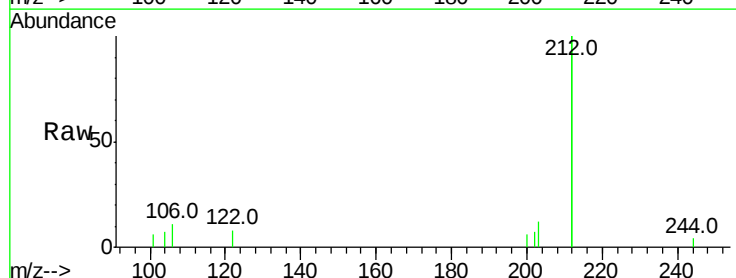
Tgt Ion:212 Resp: 140457

Ion Ratio Lower Upper

212 100

106 3.6 2.4 3.6

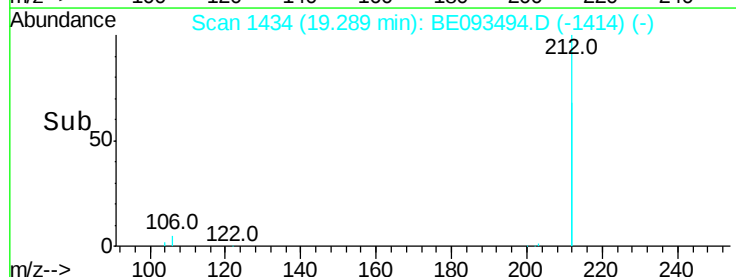
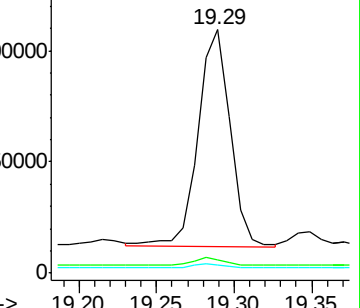
104 2.0 1.6 2.4

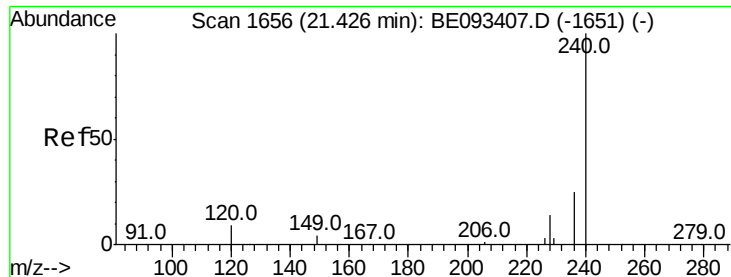


Abundance Ion 212.00 (211.70 to 212.70): E

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: 21.43 min Scan# 1656

Delta R.T. 0.00 min

Lab File: BE093494.D

Acq: 19 Jul 2017 20:57

Instrument :

BNA_E

ClientSampleId :

3574-PA4

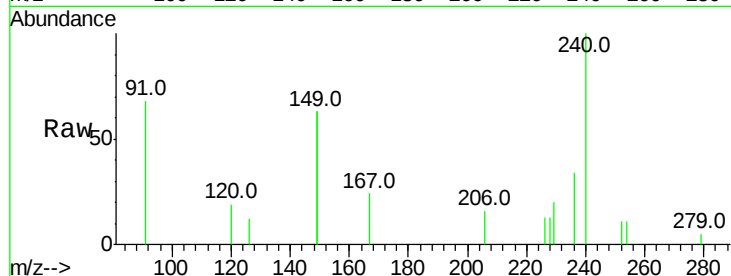
Tot Ion:240 Resp: 38231

Ion Ratio Lower Upper

240 100

120 18.7 4.6 7.0#

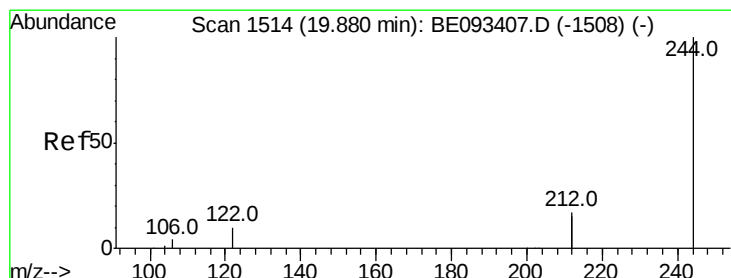
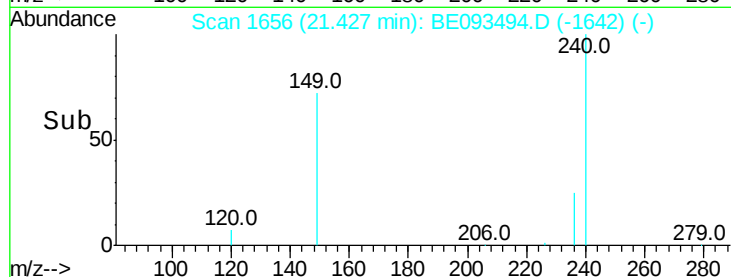
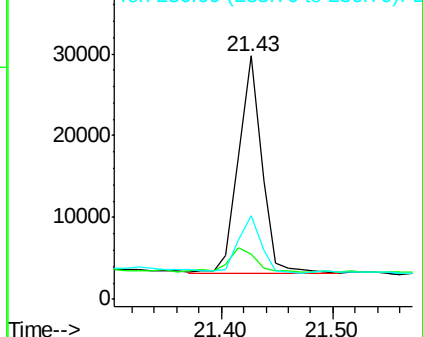
236 34.5 20.8 31.2#



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: 0.353 ng

RT: 19.87 min Scan# 1513

Delta R.T. -0.01 min

Lab File: BE093494.D

Acq: 19 Jul 2017 20:57

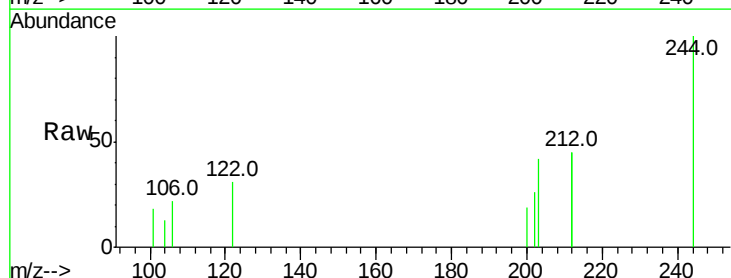
Tgt Ion:244 Resp: 24113

Ion Ratio Lower Upper

244 100

212 90.7 10.6 16.0#

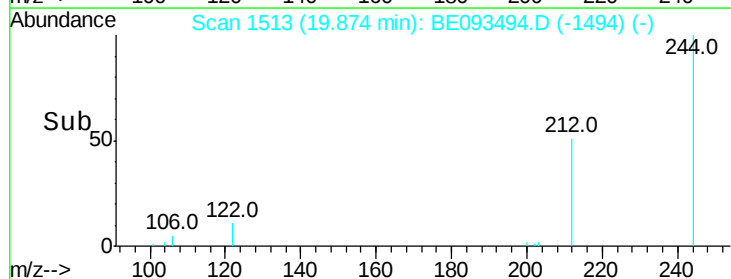
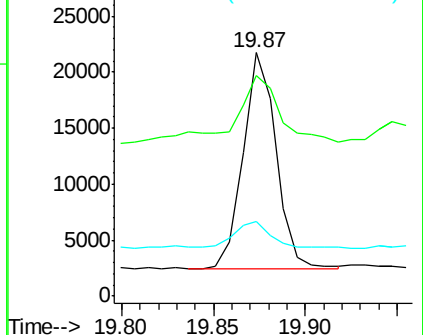
122 30.8 15.4 23.0#

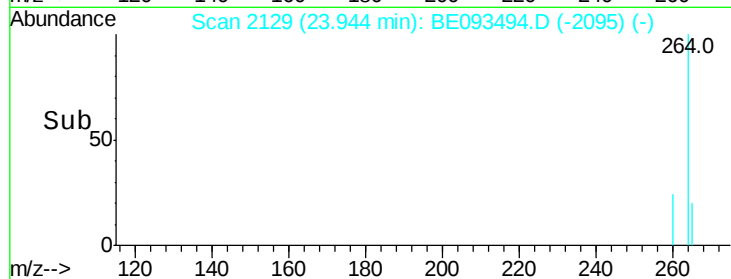
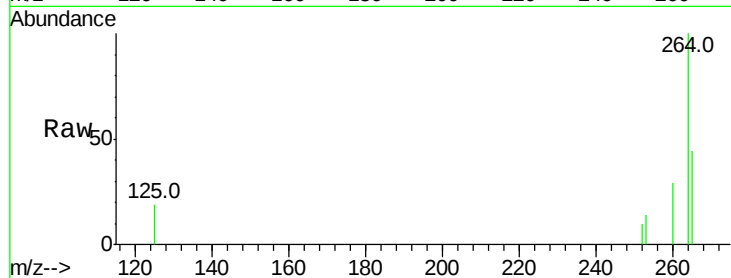
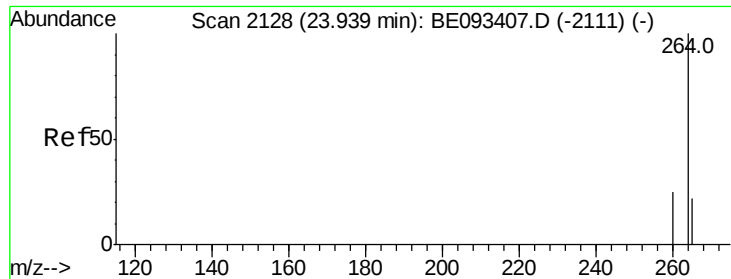


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#34

Pervlene-d12

Concen: 0.400 ng

RT: 23.94 min Scan# 2129

Delta R.T. 0.01 min

Lab File: BE093494.D

Acq: 19 Jul 2017 20:57

Instrument :

BNA_E

ClientSampleId :

3574-PA4

Tot Ion:264 Resp: 31393

Ion Ratio Lower Upper

264 100

260 28.5 21.0 31.4

265 43.9 24.6 36.8#

