

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072617\
 Data File : BE093601.D
 Acq On : 26 Jul 2017 12:19
 Operator : SJ/JU
 Sample : PB100785BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB100785BL

Quant Time: Jul 27 08:19:17 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE072117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 21 16:13:20 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	2287	0.40	ng	0.00
7) Naphthalene-d8	10.71	136	10256	0.40	ng	0.00
13) Acenaphthene-d10	14.52	164	5717	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	12625	0.40	ng	0.00
27) Chrysene-d12	21.41	240	16263	0.40	ng	0.00
34) Perylene-d12	23.92	264	14032	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.51	112	1969	0.25	ng	0.00
5) Phenol-d6	7.10	99	2706	0.24	ng	0.00
8) Nitrobenzene-d5	9.06	82	1989	0.24	ng	0.00
11) 2-Methylnaphthalene-d10	12.29	152	3960	0.24	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	331	0.16	ng	0.03
15) 2-Fluorobiphenyl	13.16	172	5676	0.25	ng	0.00
25) Fluoranthene-d10	19.28	212	42877	0.21	ng	0.00
29) Terphenyl-d14	19.86	244	7557	0.26	ng	0.00

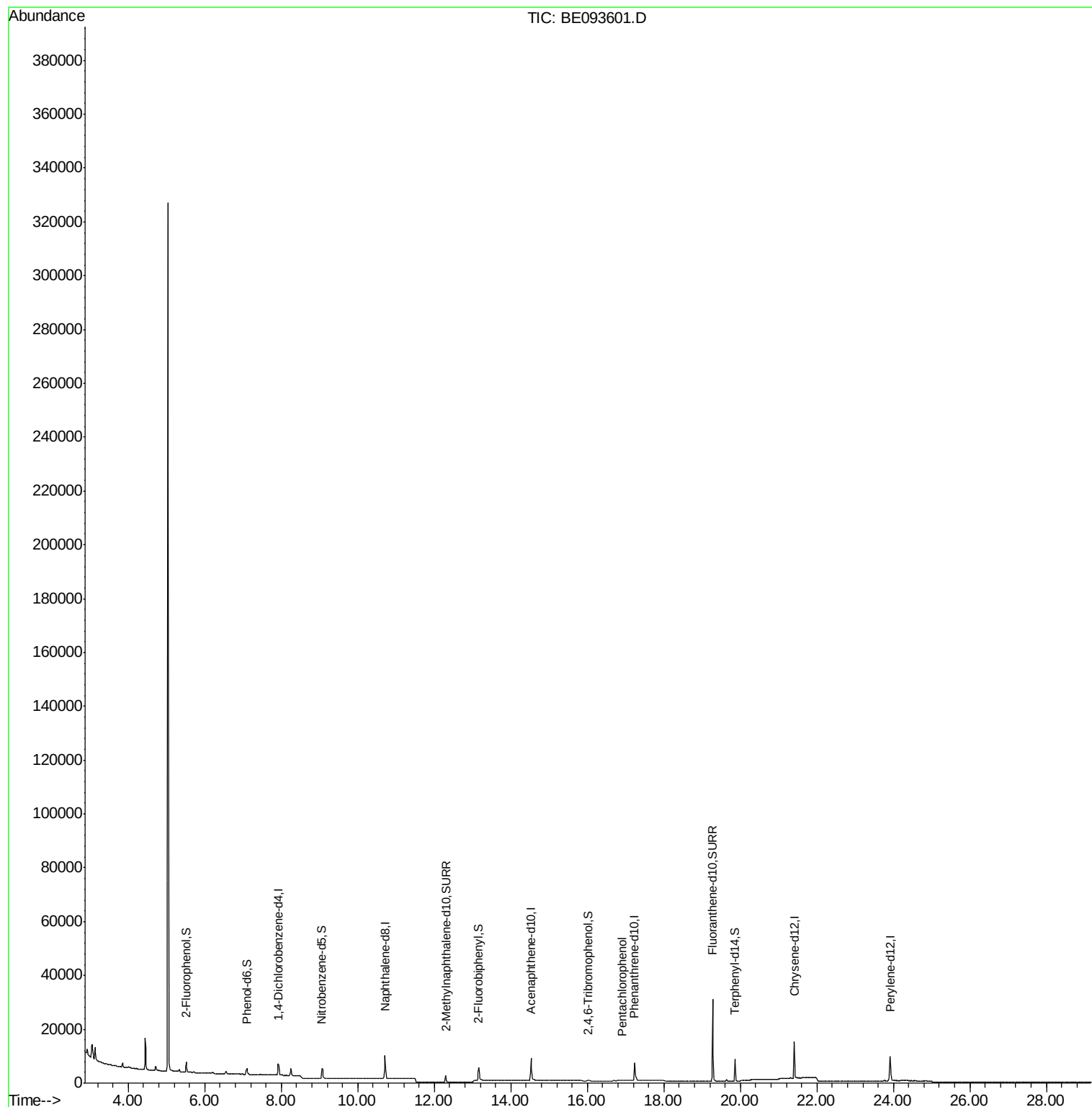
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
22) Pentachlorophenol	16.91	266	37	0.198	ng	# 66
32) Bis(2-ethylhexyl)phthalate	21.30	149	535	Below Cal		# 85

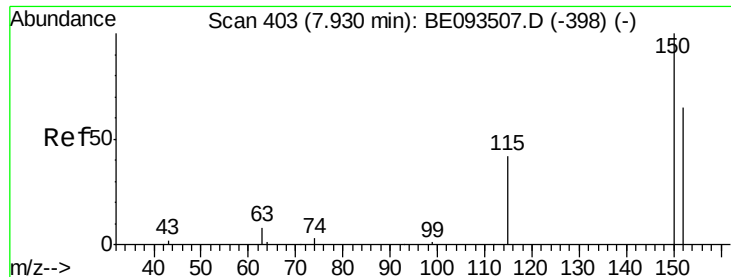
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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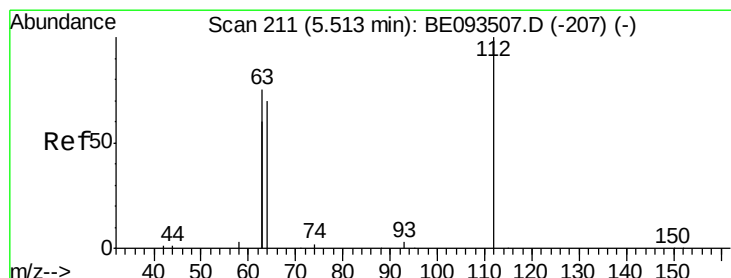
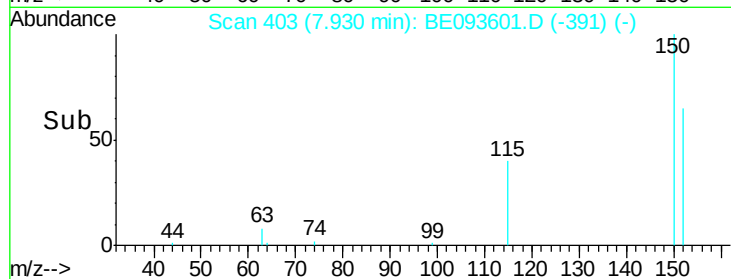
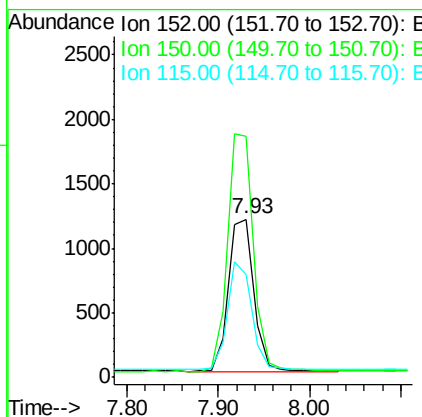
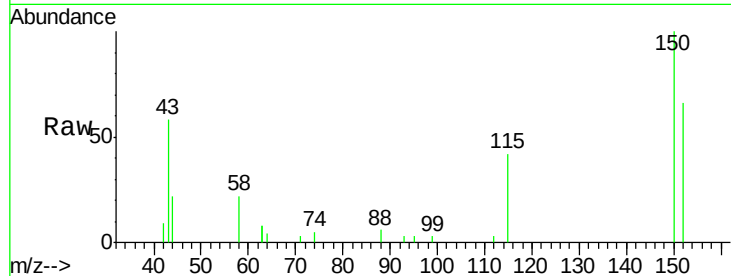




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.93 min Scan# 403
 Delta R.T. 0.00 min
 Lab File: BE093601.D
 Acq: 26 Jul 2017 12:19

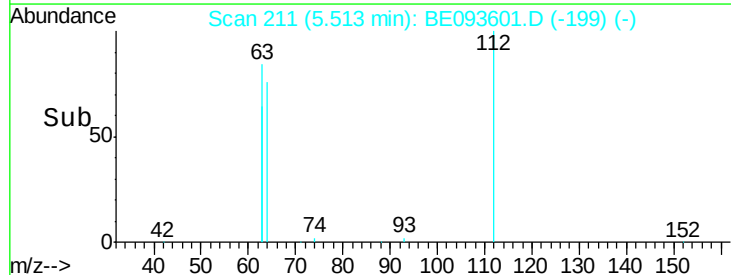
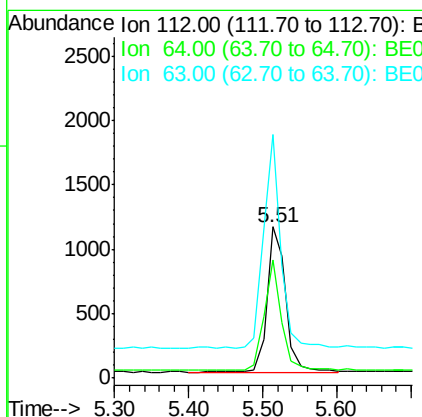
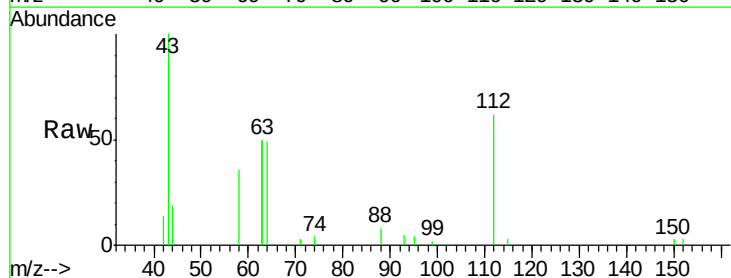
Instrument :
 BNA_E
 ClientSampleId :
 PB100785BL

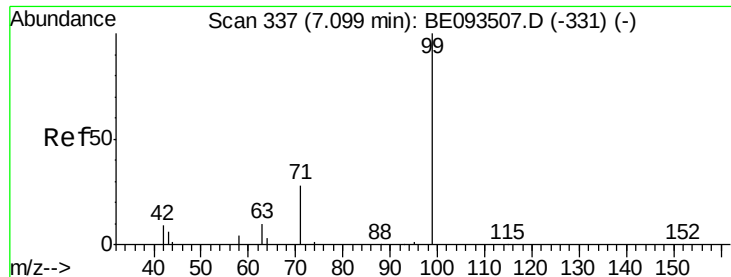
Tgt Ion:152 Resp: 2287
 Ion Ratio Lower Upper
 152 100
 150 152.1 125.1 187.7
 115 64.6 55.7 83.5



#4
 2-Fluorophenol
 Concen: 0.248 ng
 RT: 5.51 min Scan# 211
 Delta R.T. 0.00 min
 Lab File: BE093601.D
 Acq: 26 Jul 2017 12:19

Tgt Ion:112 Resp: 1969
 Ion Ratio Lower Upper
 112 100
 64 68.8 56.4 84.6
 63 135.9 29.3 43.9#





#5

Phenol-d6

Concen: 0.243 ng

RT: 7.10 min Scan# 337

Delta R.T. 0.00 min

Lab File: BE093601.D

Acq: 26 Jul 2017 12:19

Instrument :

BNA_E

ClientSampleId :

PB100785BL

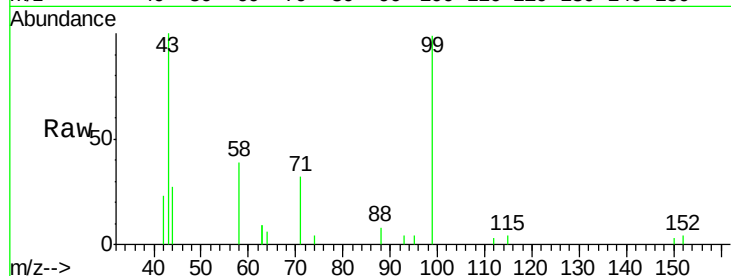
Tgt Ion: 99 Resp: 2706

Ion Ratio Lower Upper

99 100

42 19.1 0.0 0.0#

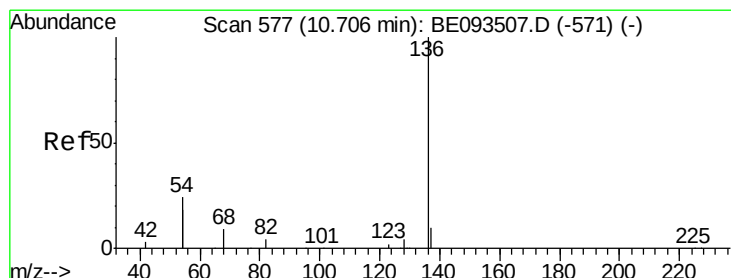
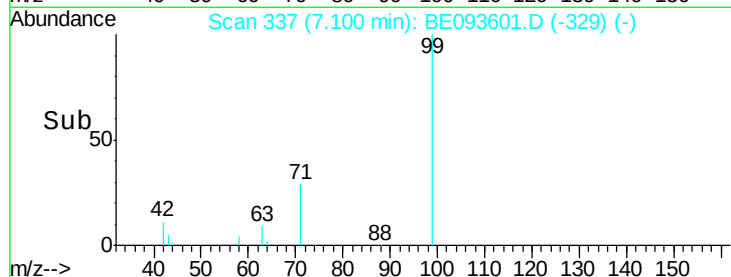
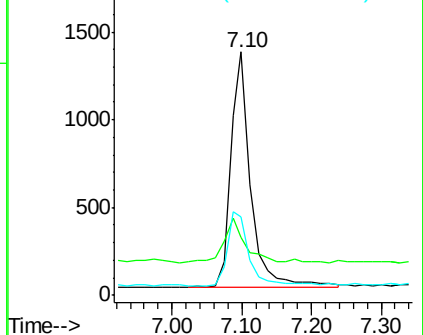
71 34.8 0.0 0.0#



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: BE093601.D

Acq: 26 Jul 2017 12:19

Tgt Ion: 136 Resp: 10256

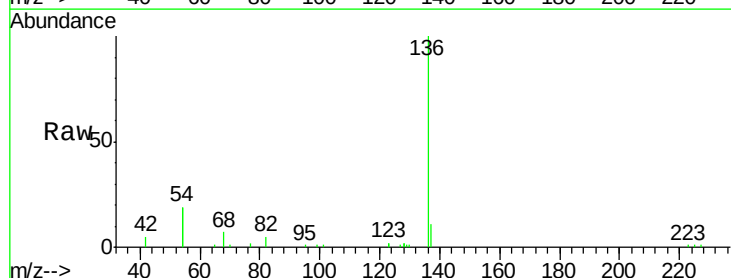
Ion Ratio Lower Upper

136 100

137 11.3 9.8 14.8

54 37.1 10.3 15.5#

68 7.4 9.0 13.4#

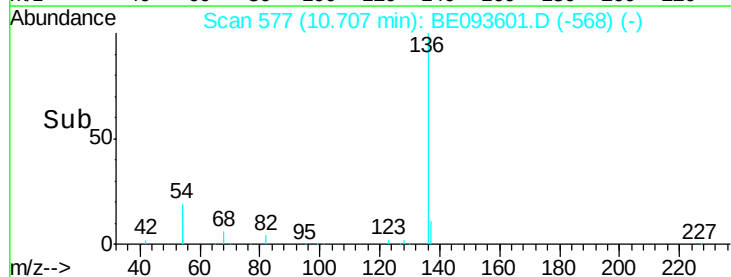
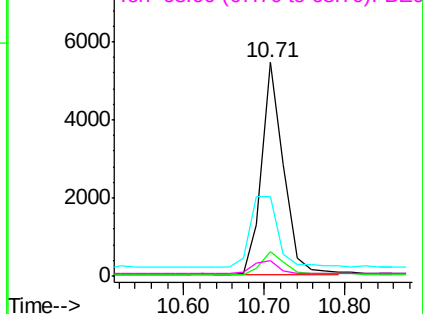


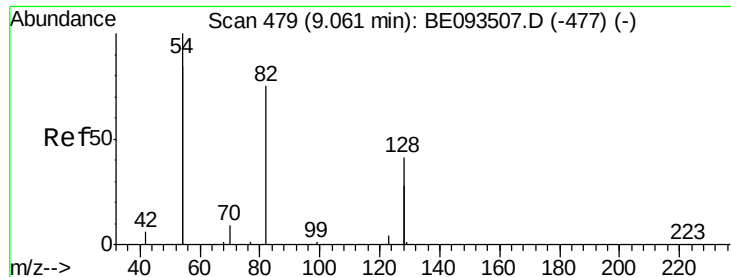
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.244 ng

RT: 9.06 min Scan# 479

Delta R.T. 0.00 min

Lab File: BE093601.D

Acq: 26 Jul 2017 12:19

Instrument :

BNA_E

ClientSampleId :

PB100785BL

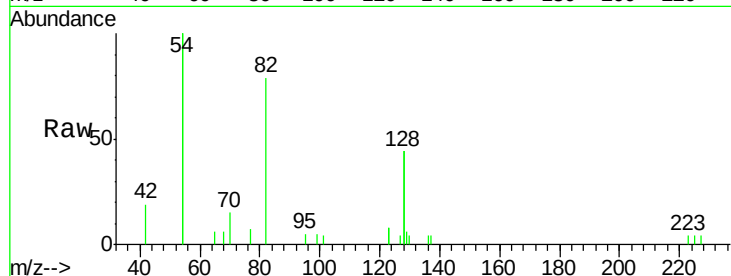
Tgt Ion: 82 Resp: 1989

Ion Ratio Lower Upper

82 100

128 110.8 17.0 25.4#

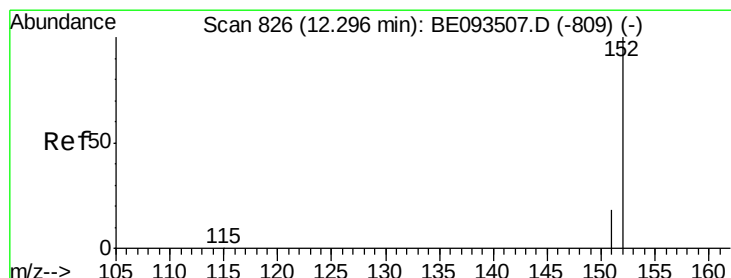
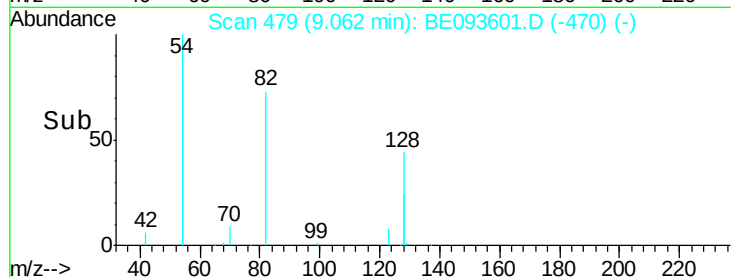
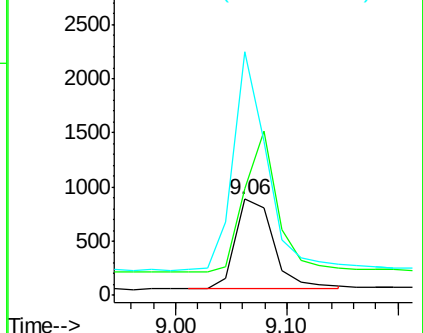
54 253.2 53.8 80.6#



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: 0.239 ng

RT: 12.29 min Scan# 826

Delta R.T. -0.00 min

Lab File: BE093601.D

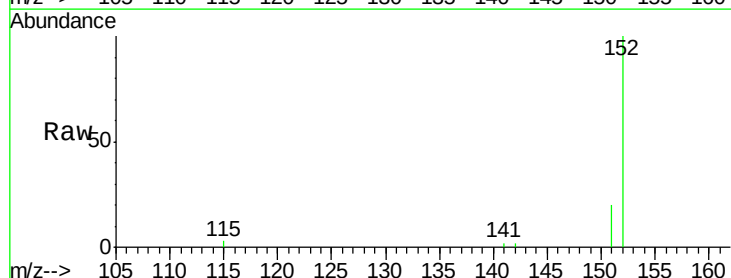
Acq: 26 Jul 2017 12:19

Tgt Ion: 152 Resp: 3960

Ion Ratio Lower Upper

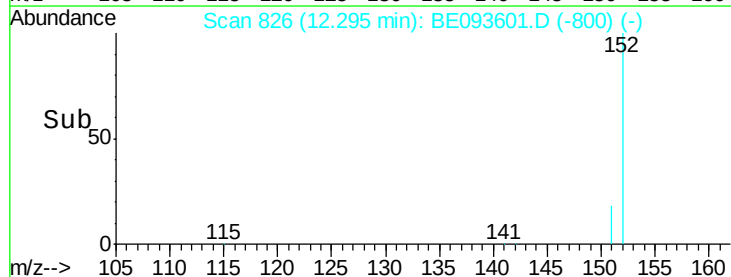
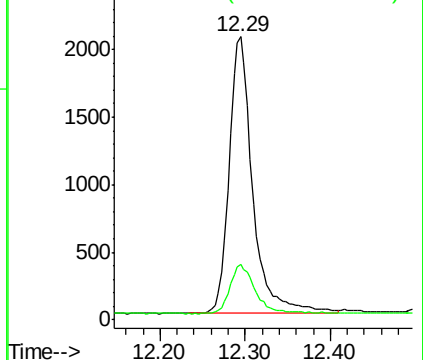
152 100

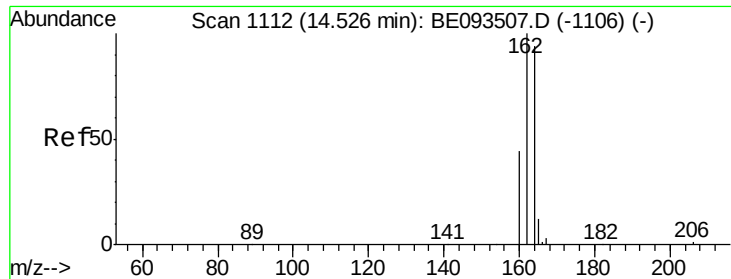
151 19.1 15.1 22.7



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: 14.52 min Scan# 1112

Delta R.T. -0.00 min

Lab File: BE093601.D

Acq: 26 Jul 2017 12:19

Instrument :

BNA_E

ClientSampleId :

PB100785BL

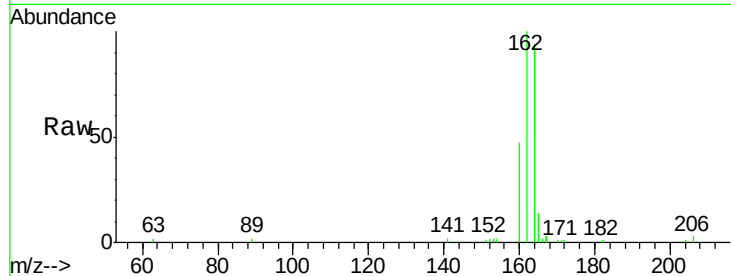
Tgt Ion:164 Resp: 5717

Ion Ratio Lower Upper

164 100

162 106.2 84.6 127.0

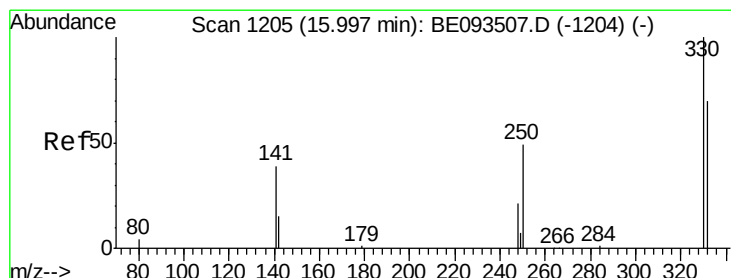
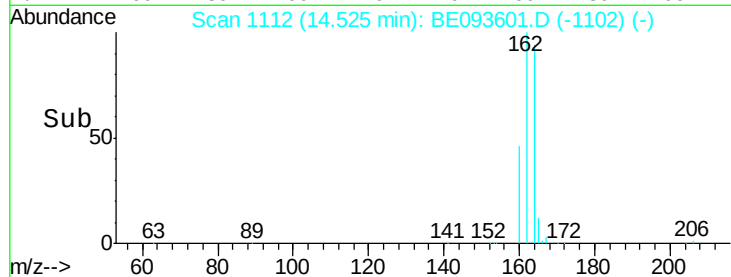
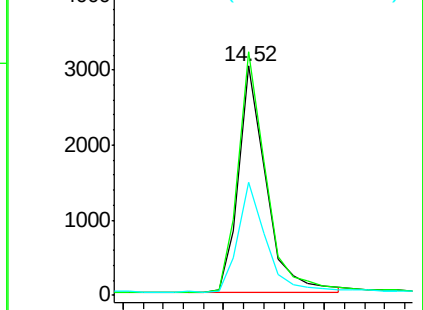
160 49.5 41.8 62.6



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: 0.159 ng

RT: 16.03 min Scan# 1206

Delta R.T. 0.03 min

Lab File: BE093601.D

Acq: 26 Jul 2017 12:19

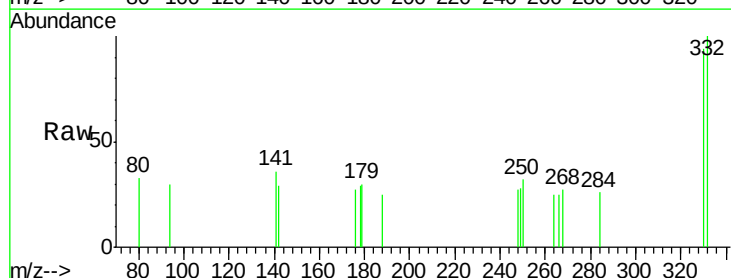
Tgt Ion:330 Resp: 331

Ion Ratio Lower Upper

330 100

332 102.7 77.7 116.5

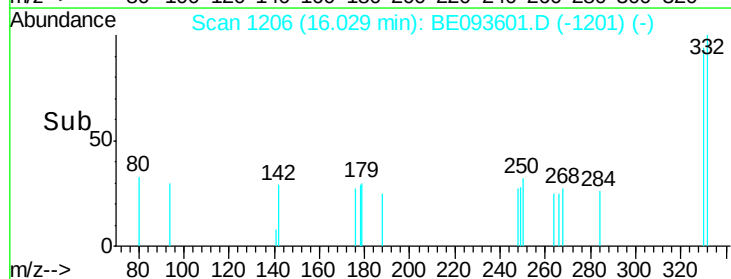
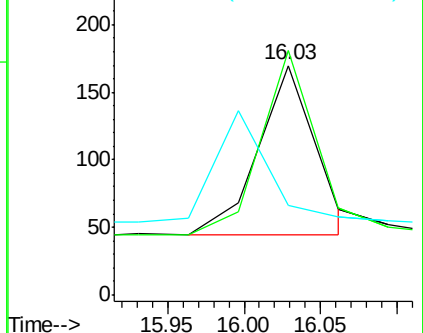
141 0.0 56.2 84.4#

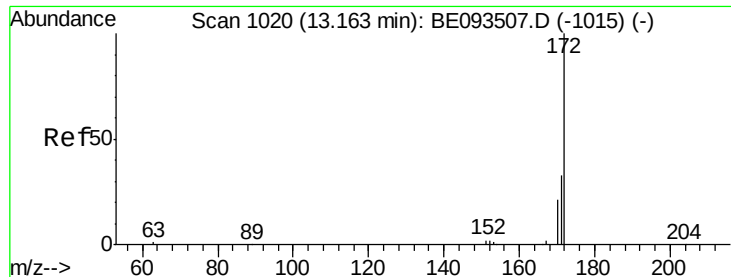


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

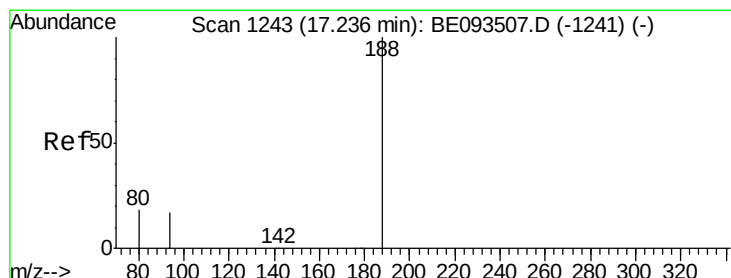
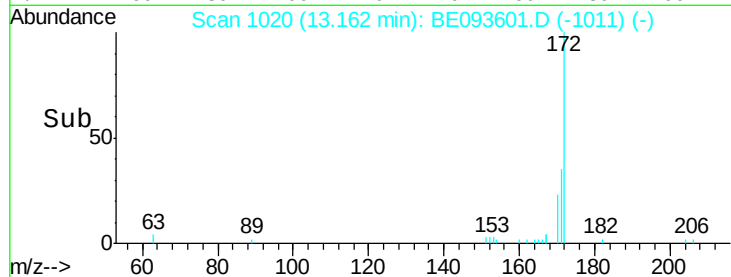
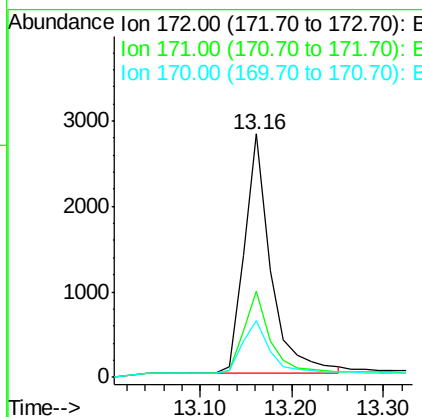
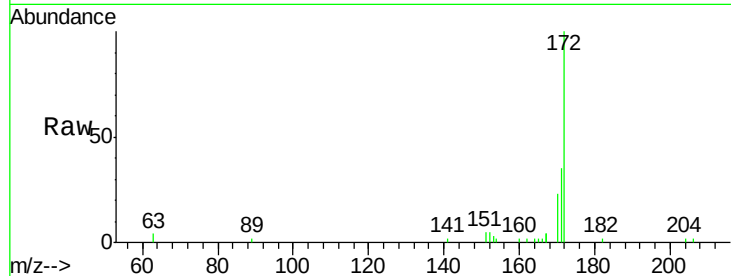




#15
2-Fluorobiphenyl
Concen: 0.252 ng
RT: 13.16 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BE093601.D
Acq: 26 Jul 2017 12:19

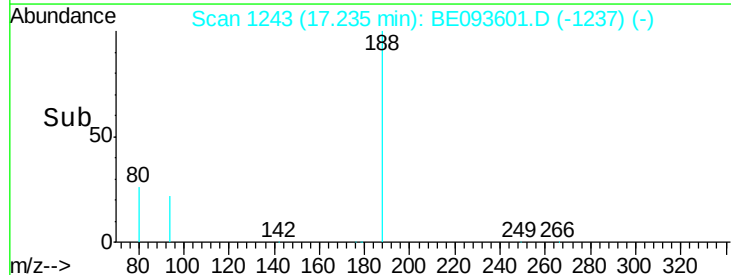
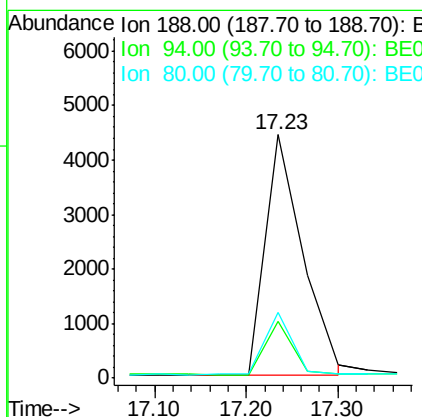
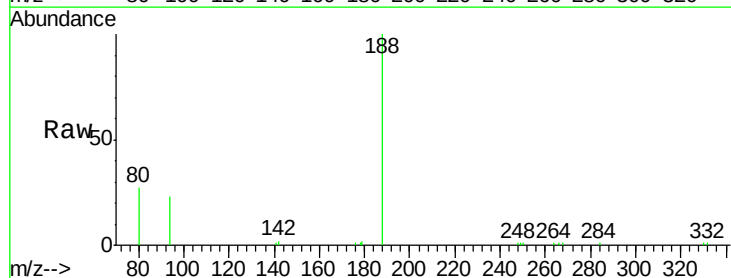
Instrument :
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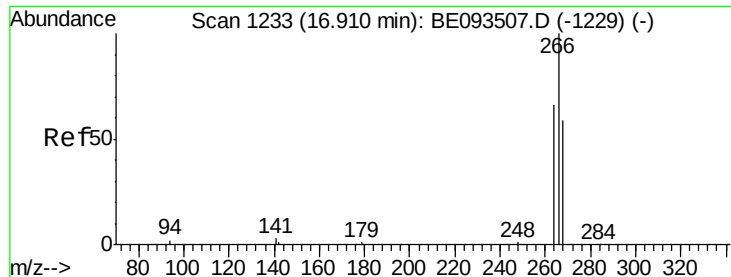
Tgt Ion:172 Resp: 5676
Ion Ratio Lower Upper
172 100
171 35.4 29.8 44.6
170 23.1 20.7 31.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.23 min Scan# 1243
Delta R.T. -0.00 min
Lab File: BE093601.D
Acq: 26 Jul 2017 12:19

Tgt Ion:188 Resp: 12625
Ion Ratio Lower Upper
188 100
94 23.3 11.3 16.9#
80 27.0 11.7 17.5#





#22

Pentachlorophenol

Concen: 0.198 ng

RT: 16.91 min Scan# 1233

Delta R.T. -0.00 min

Lab File: BE093601.D

Acq: 26 Jul 2017 12:19

Instrument :

BNA_E

ClientSampleId :

PB100785BL

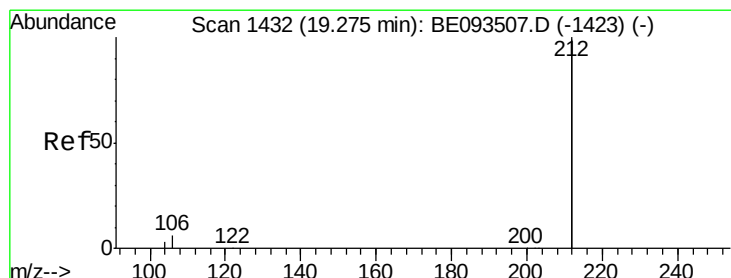
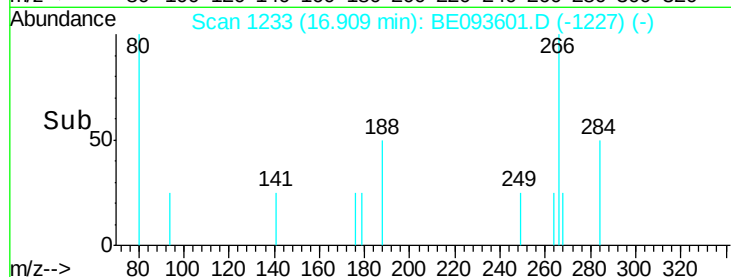
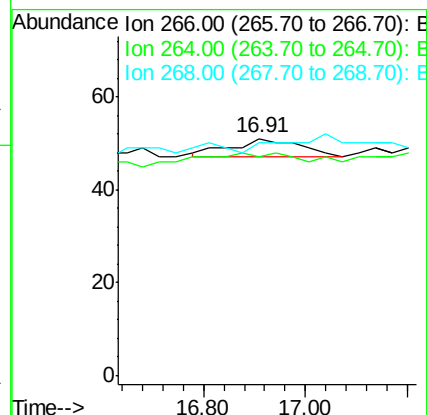
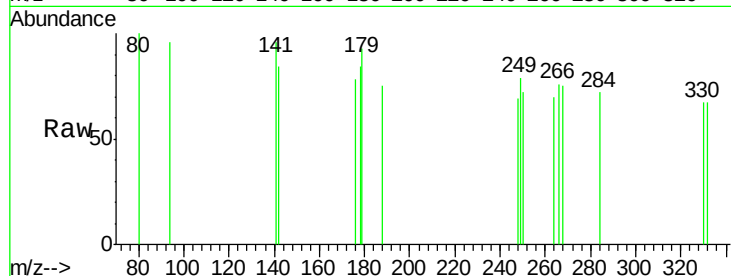
Tgt Ion:266 Resp: 37

Ion Ratio Lower Upper

266 100

264 92.2 56.0 84.0#

268 98.0 52.0 78.0#



#25

Fluoranthene-d10

Concen: 0.213 ng

RT: 19.28 min Scan# 1432

Delta R.T. 0.00 min

Lab File: BE093601.D

Acq: 26 Jul 2017 12:19

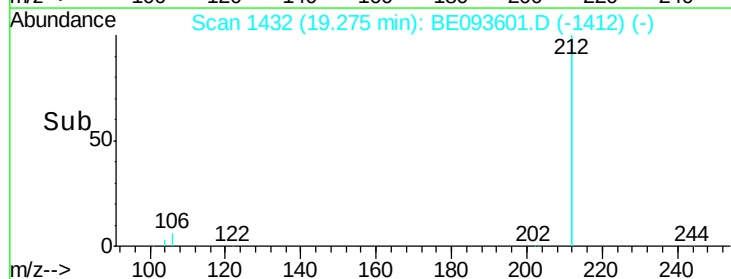
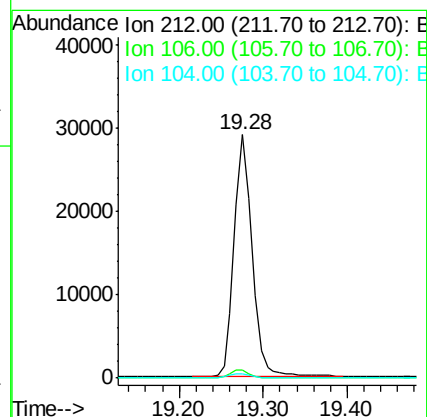
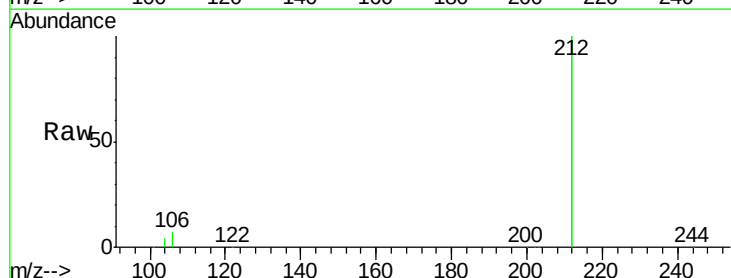
Tgt Ion:212 Resp: 42877

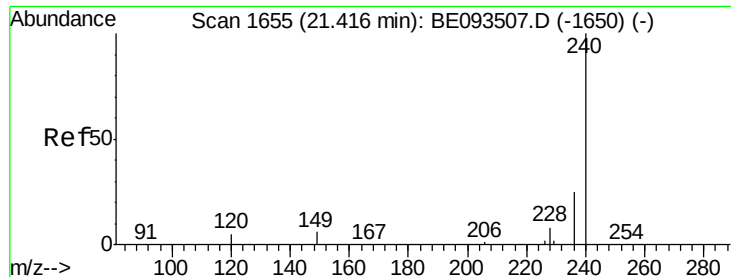
Ion Ratio Lower Upper

212 100

106 3.4 2.4 3.6

104 1.9 1.6 2.4





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.41 min Scan# 1655

Delta R.T. -0.00 min

Lab File: BE093601.D

Acq: 26 Jul 2017 12:19

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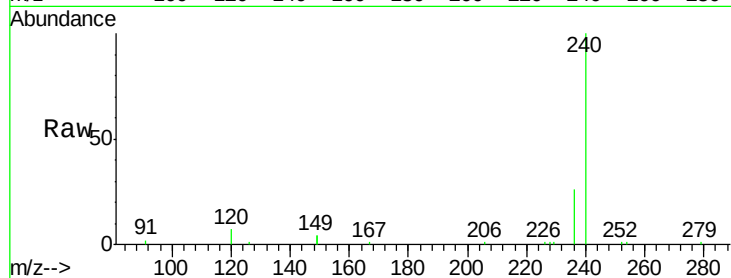
Tgt Ion:240 Resp: 16263

Ion Ratio Lower Upper

240 100

120 6.7 4.6 7.0

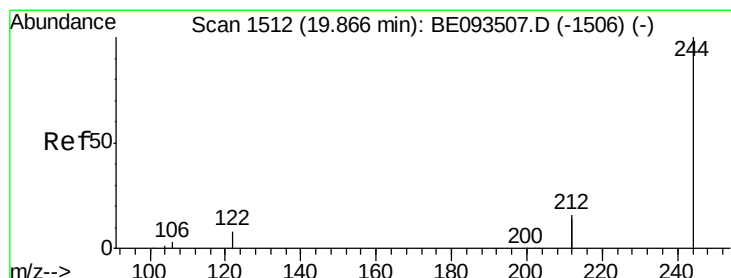
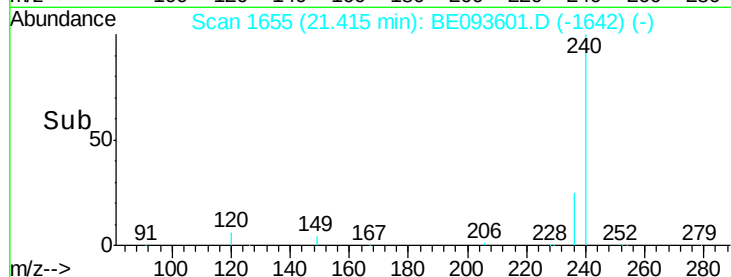
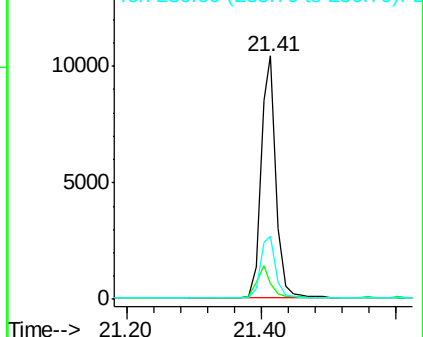
236 25.9 20.8 31.2



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: 0.255 ng

RT: 19.86 min Scan# 1511

Delta R.T. -0.01 min

Lab File: BE093601.D

Acq: 26 Jul 2017 12:19

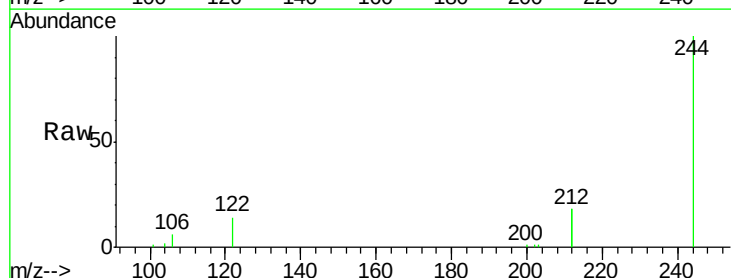
Tgt Ion:244 Resp: 7557

Ion Ratio Lower Upper

244 100

212 36.1 10.6 16.0#

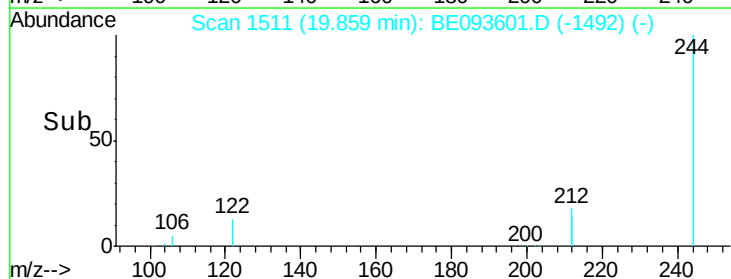
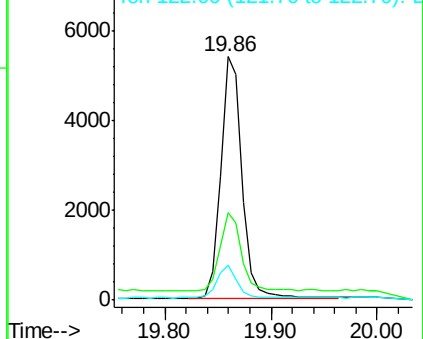
122 14.1 15.4 23.0#

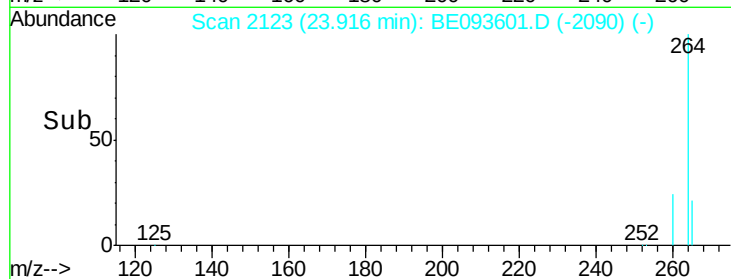
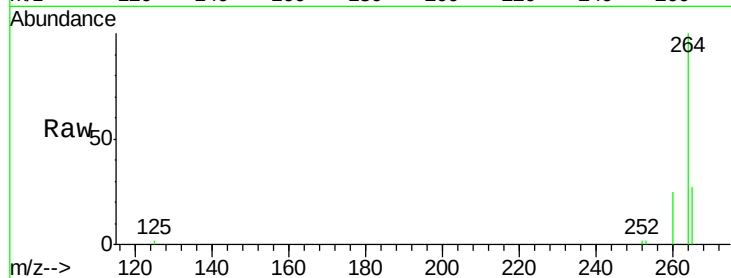
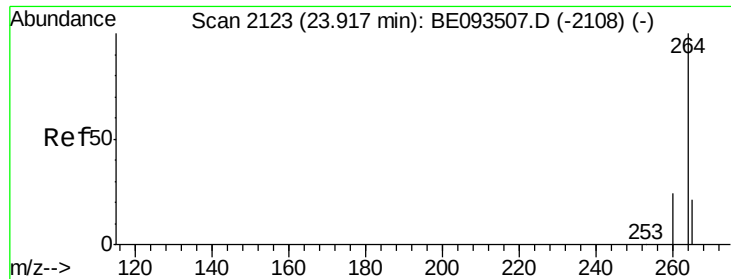


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#34

Perylene-d12

Concen: 0.400 ng

RT: 23.92 min Scan# 2123

Delta R.T. -0.00 min

Lab File: BE093601.D

Acq: 26 Jul 2017 12:19

Instrument :

BNA_E

ClientSampleId :

PB100785BL

Tgt Ion: 264 Resp: 14032

Ion Ratio Lower Upper

264 100

260 24.7 21.0 31.4

265 26.8 24.6 36.8

