

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE122617\
 Data File : BE095050.D
 Acq On : 26 Dec 2017 11:40
 Operator : SJ/JU
 Sample : PB105315BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB105315BL

Quant Time: Dec 26 12:22:45 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 26 11:07:17 2017
 Response via : Initial Calibration

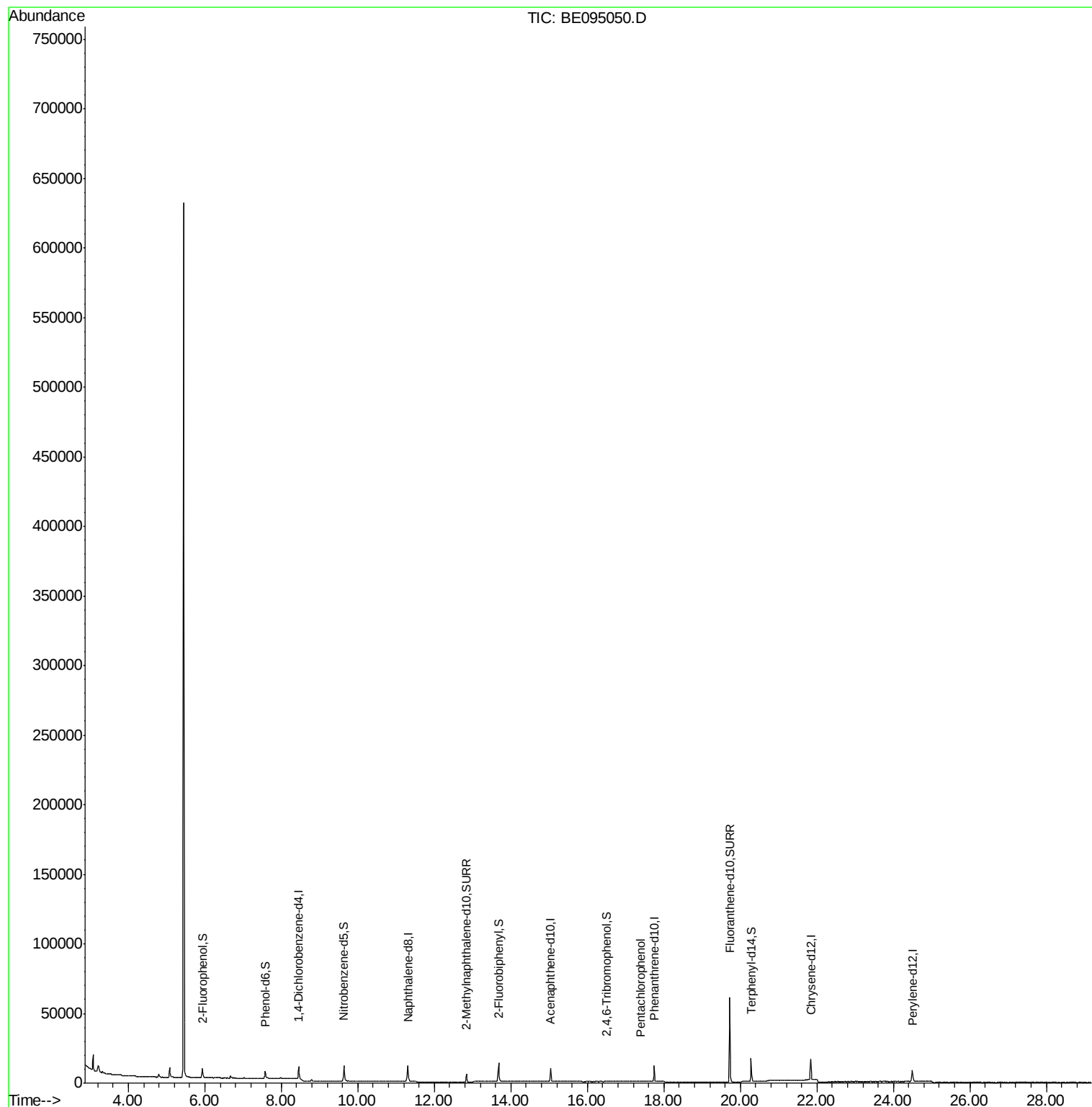
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.46	152	6777	0.40	ng	-0.01
7) Naphthalene-d8	11.31	136	14782	0.40	ng	-0.02
13) Acenaphthene-d10	15.03	164	7051	0.40	ng	-0.03
19) Phenanthrene-d10	17.74	188	16183	0.40	ng	-0.03
27) Chrysene-d12	21.84	240	15880	0.40	ng	-0.03
34) Perylene-d12	24.50	264	14120	0.40	ng	-0.05
System Monitoring Compounds						
4) 2-Fluorophenol	5.94	112	3755	0.36	ng	-0.01
5) Phenol-d6	7.58	99	5044	0.32	ng	-0.01
8) Nitrobenzene-d5	9.63	82	5039	0.42	ng	-0.02
11) 2-Methylnaphthalene-d10	12.84	152	8844	0.37	ng	-0.02
14) 2,4,6-Tribromophenol	16.50	330	430	0.26	ng	-0.03
15) 2-Fluorobiphenyl	13.68	172	13956	0.45	ng	-0.01
25) Fluoranthene-d10	19.72	212	78415	0.37	ng	-0.03
29) Terphenyl-d14	20.28	244	15784	0.53	ng	-0.03
Target Compounds						
22) Pentachlorophenol	17.39	266	31	0.092	ng	Qvalue 96

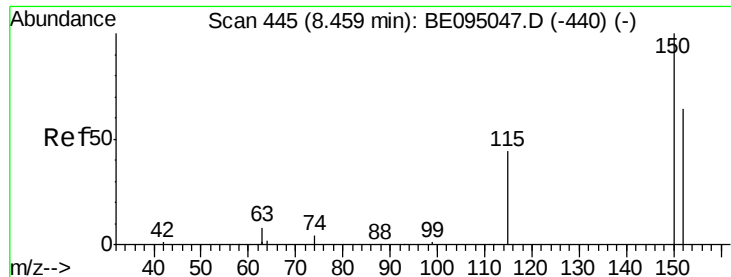
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 8.46 min Scan# 445

Delta R.T. -0.01 min

Lab File: BE095050.D

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Instrument :

BNA_E

ClientSampleId :

PB105315BL

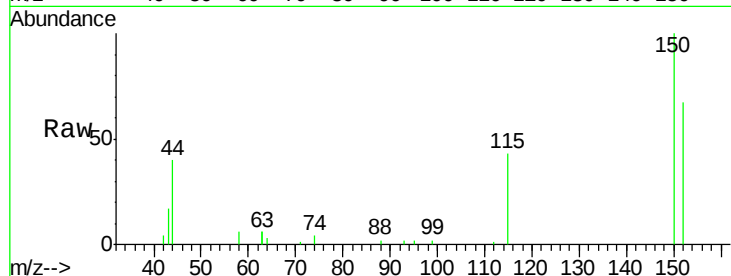
Tgt Ion:152 Resp: 6777

Ion Ratio Lower Upper

152 100

150 148.5 117.2 175.8

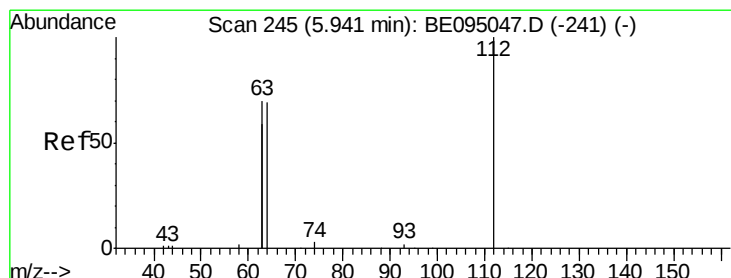
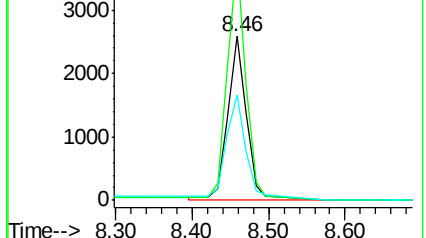
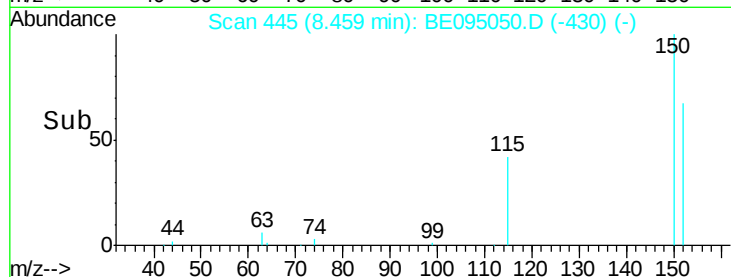
115 64.3 57.0 85.6



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: 0.357 ng

RT: 5.94 min Scan# 245

Delta R.T. -0.01 min

Lab File: BE095050.D

Acq: 26 Dec 2017 11:40

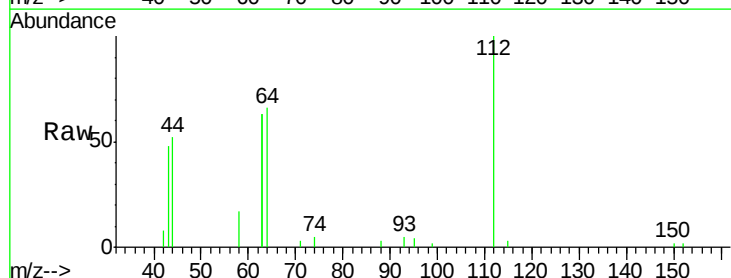
Tgt Ion:112 Resp: 3755

Ion Ratio Lower Upper

112 100

64 74.3 60.1 90.1

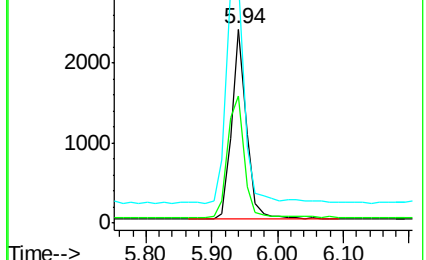
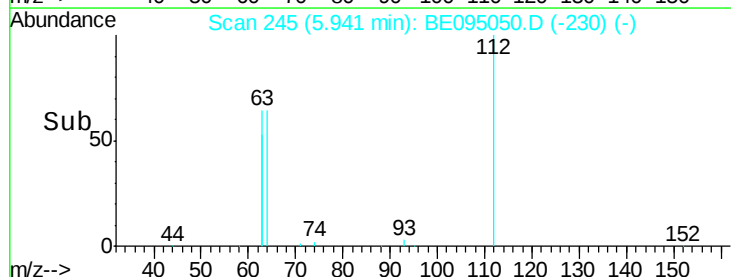
63 145.5 116.8 175.2

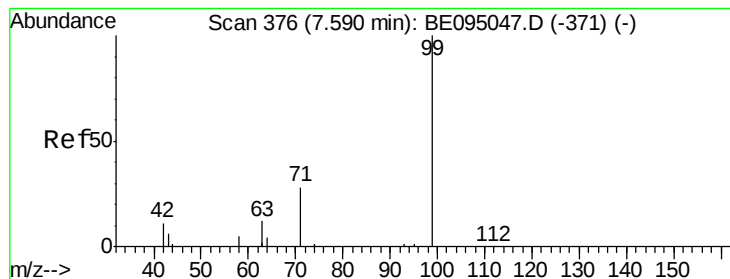


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.323 ng

RT: 7.58 min Scan# 375

Delta R.T. -0.01 min

Lab File: BE095050.D

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Instrument :

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ClientSampleId :

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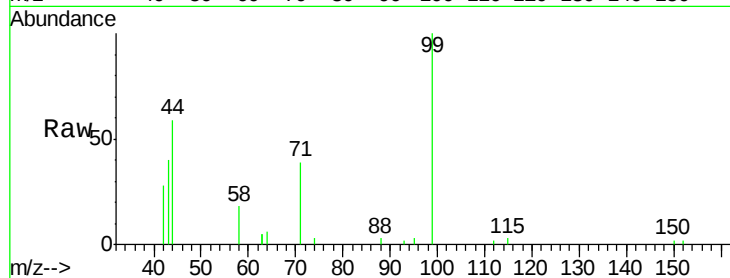
Tgt Ion: 99 Resp: 5044

Ion Ratio Lower Upper

99 100

42 23.9 20.2 30.2

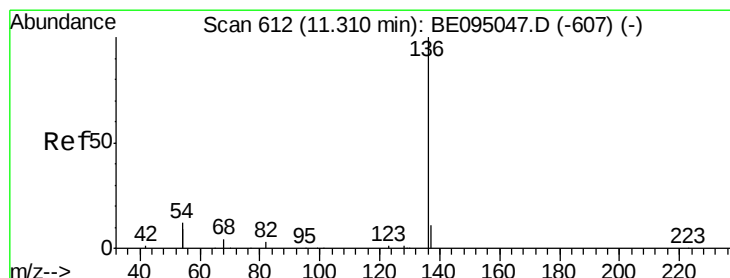
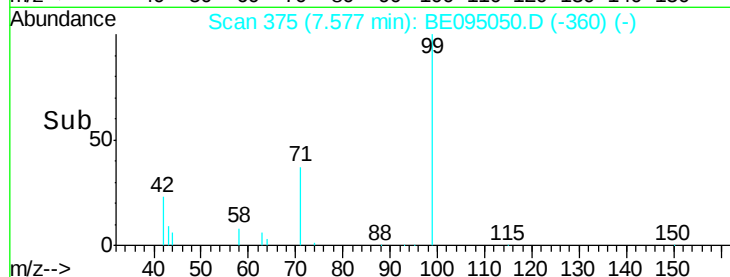
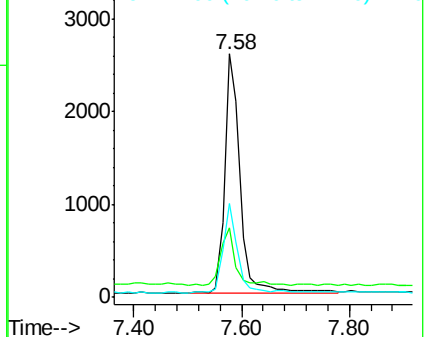
71 33.7 28.4 42.6



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: 11.31 min Scan# 612

Delta R.T. -0.02 min

Lab File: BE095050.D

Acq: 26 Dec 2017 11:40

Tgt Ion: 136 Resp: 14782

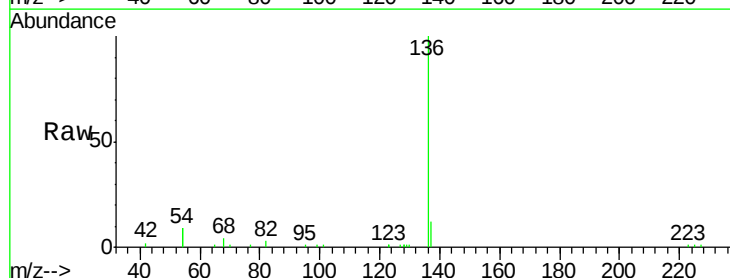
Ion Ratio Lower Upper

136 100

137 11.6 9.5 14.3

54 17.3 29.1 43.7#

68 4.3 6.2 9.2#

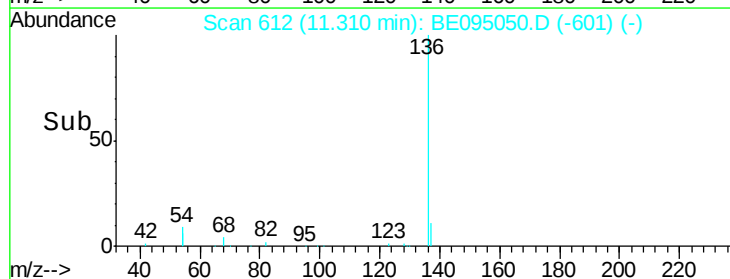
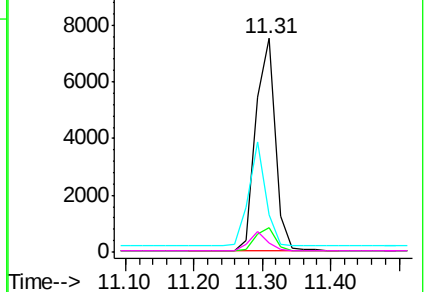


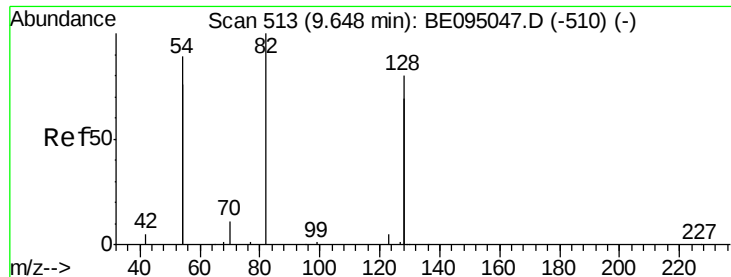
Abundance Ion 136.00 (135.70 to 136.70): BE0

Ion 137.00 (136.70 to 137.70): BE0

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0





#8

Nitrobenzene-d5

Concen: 0.415 ng

RT: 9.63 min Scan# 512

Delta R.T. -0.02 min

Lab File: BE095050.D

Acq: 26 Dec 2017 11:40

Instrument :

BNA_E

ClientSampleId :

PB105315BL

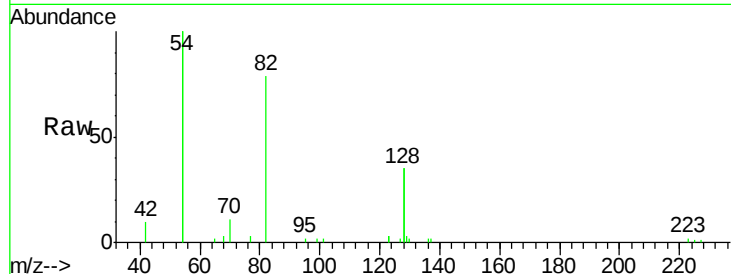
Tgt Ion: 82 Resp: 5039

Ion Ratio Lower Upper

82 100

128 87.9 150.0 225.0#

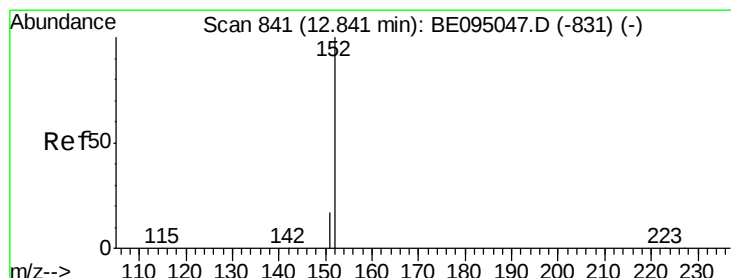
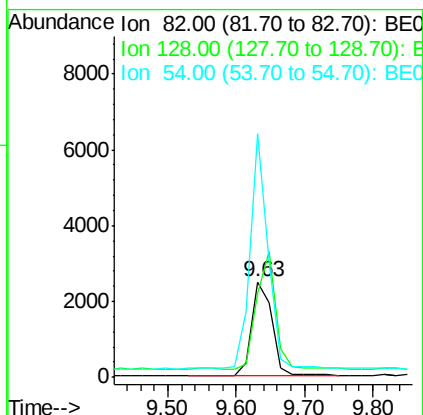
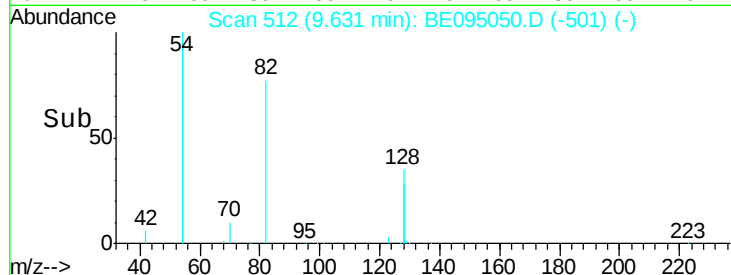
54 254.6 154.2 231.4#



Abundance Ion 82.00 (81.70 to 82.70): BE095050.D (-501) (-)

Ion 128.00 (127.70 to 128.70): BE095050.D (-501) (-)

Ion 54.00 (53.70 to 54.70): BE095050.D (-501) (-)



#11

2-Methylnaphthalene-d10

Concen: 0.365 ng

RT: 12.84 min Scan# 841

Delta R.T. -0.02 min

Lab File: BE095050.D

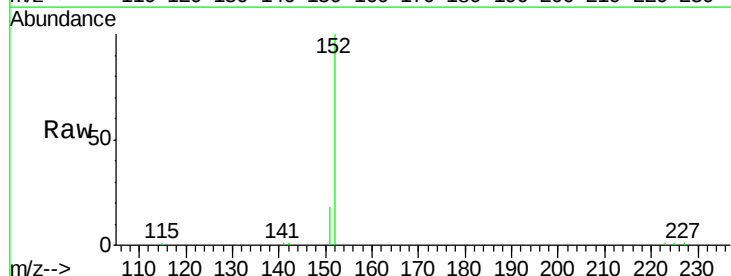
Acq: 26 Dec 2017 11:40

Tgt Ion: 152 Resp: 8844

Ion Ratio Lower Upper

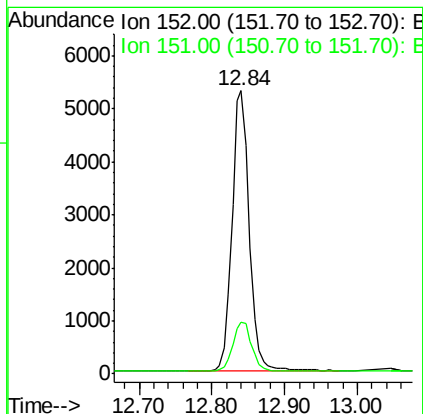
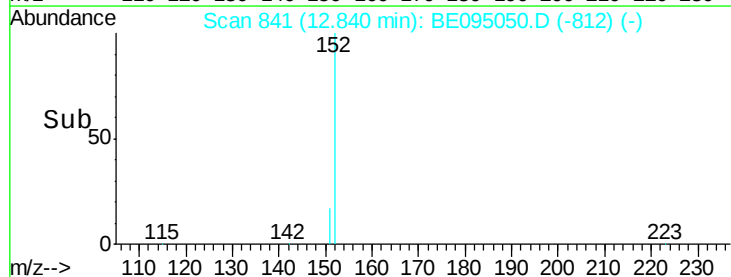
152 100

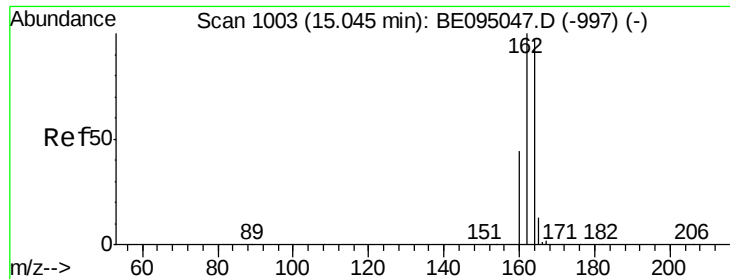
151 19.5 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): BE095050.D (-812) (-)

Ion 151.00 (150.70 to 151.70): BE095050.D (-812) (-)





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 15.03 min Scan# 1002

Delta R.T. -0.03 min

Lab File: BE095050.D

Acq: 26 Dec 2017 11:40

Instrument :

BNA_E

ClientSampleId :

PB105315BL

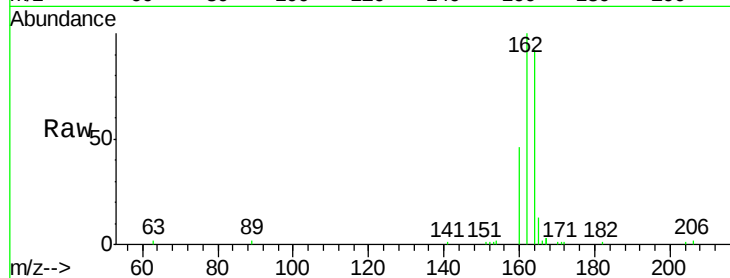
Tgt Ion:164 Resp: 7051

Ion Ratio Lower Upper

164 100

162 108.4 83.1 124.7

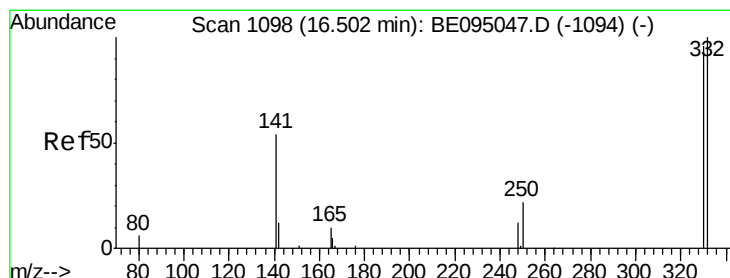
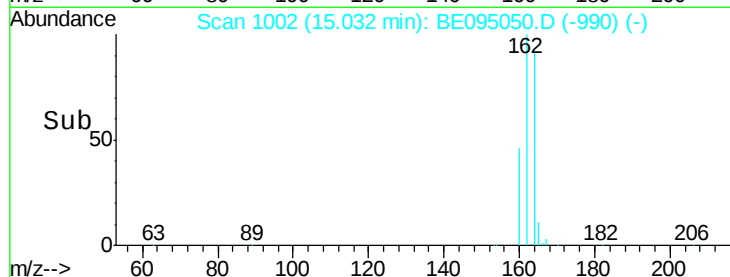
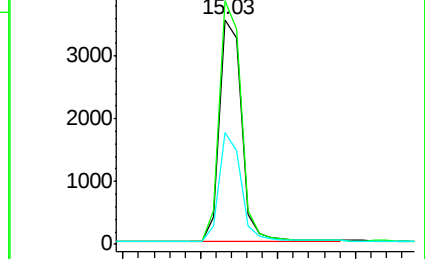
160 50.0 37.1 55.7



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: 0.262 ng

RT: 16.50 min Scan# 1098

Delta R.T. -0.03 min

Lab File: BE095050.D

Acq: 26 Dec 2017 11:40

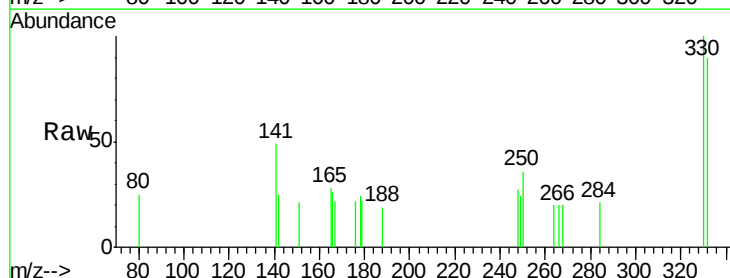
Tgt Ion:330 Resp: 430

Ion Ratio Lower Upper

330 100

332 92.8 152.7 229.1#

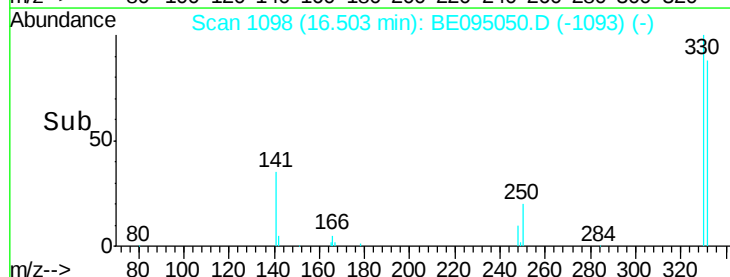
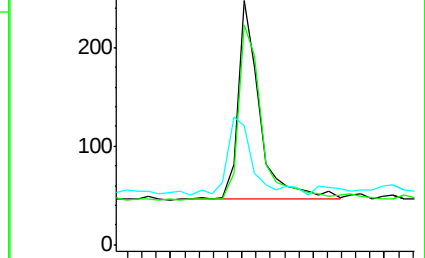
141 47.7 33.7 50.5

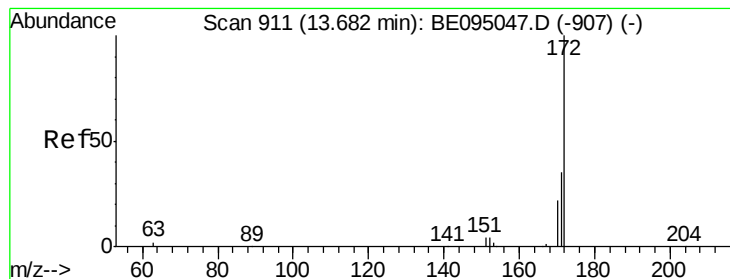


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.447 ng

RT: 13.68 min Scan# 911

Delta R.T. -0.01 min

Lab File: BE095050.D

Acq: 26 Dec 2017 11:40

Instrument :

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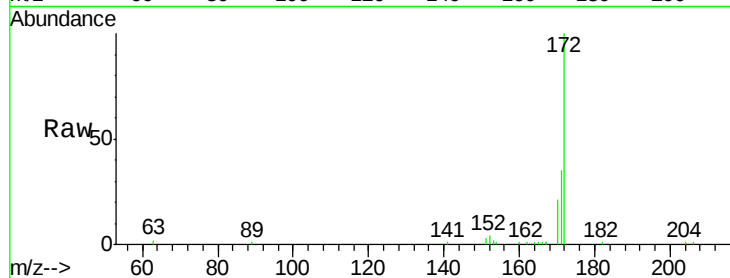
Tgt Ion:172 Resp: 13956

Ion Ratio Lower Upper

172 100

171 34.6 29.9 44.9

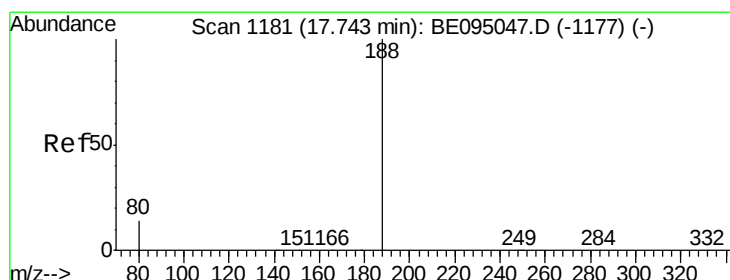
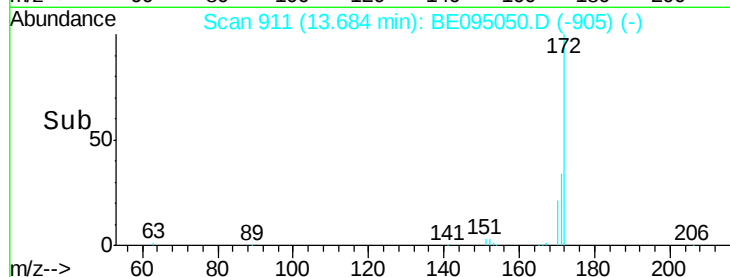
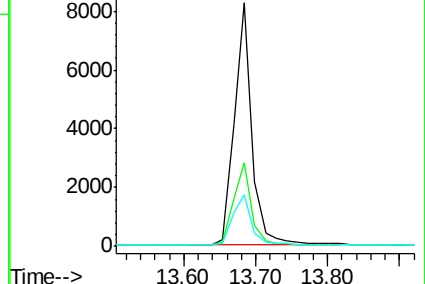
170 21.4 21.8 32.8#



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: 17.74 min Scan# 1181

Delta R.T. -0.03 min

Lab File: BE095050.D

Acq: 26 Dec 2017 11:40

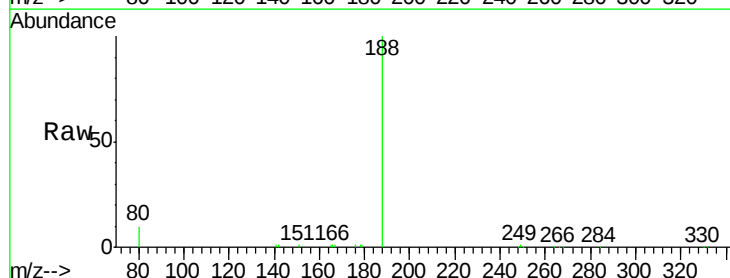
Tgt Ion:188 Resp: 16183

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

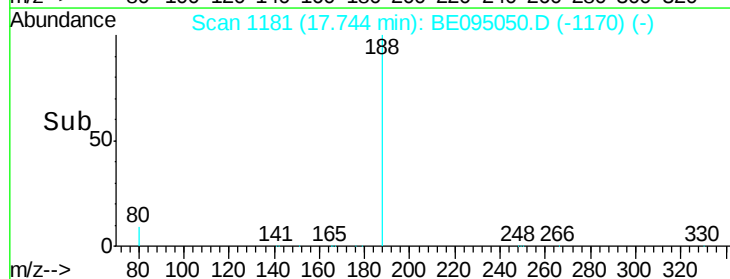
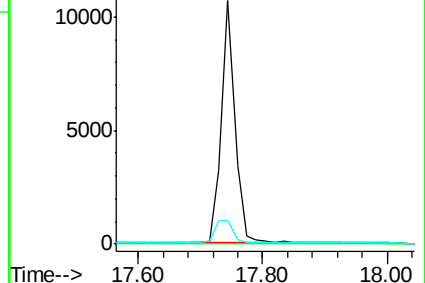
80 9.9 3.6 5.4#

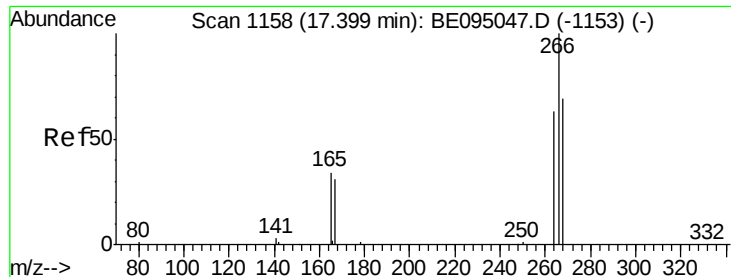


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0





#22

Pentachlorophenol

Concen: 0.092 ng

RT: 17.39 min Scan# 1157

Delta R.T. -0.03 min

Lab File: BE095050.D

Acq: 26 Dec 2017 11:40

Instrument :

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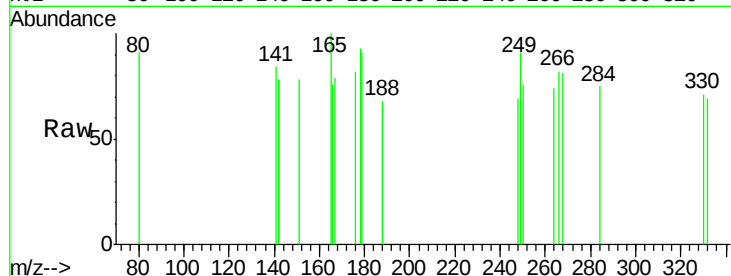
Tgt Ion:266 Resp: 31

Ion Ratio Lower Upper

266 100

264 89.3 72.5 108.7

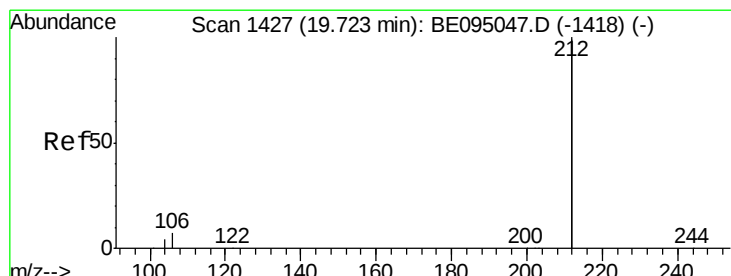
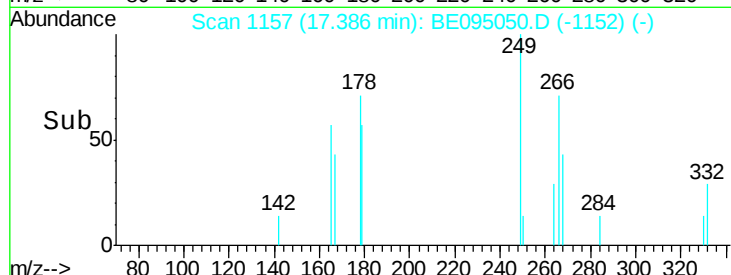
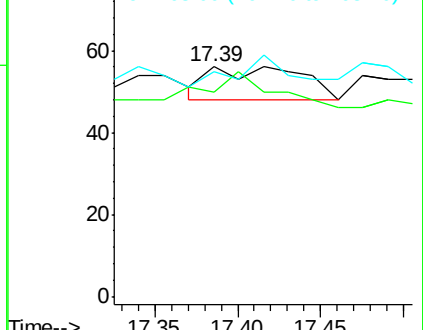
268 98.2 73.8 110.6



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: 0.374 ng

RT: 19.72 min Scan# 1427

Delta R.T. -0.03 min

Lab File: BE095050.D

Acq: 26 Dec 2017 11:40

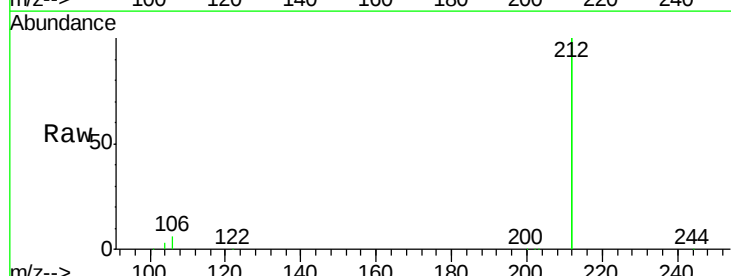
Tgt Ion:212 Resp: 78415

Ion Ratio Lower Upper

212 100

106 3.1 2.8 4.2

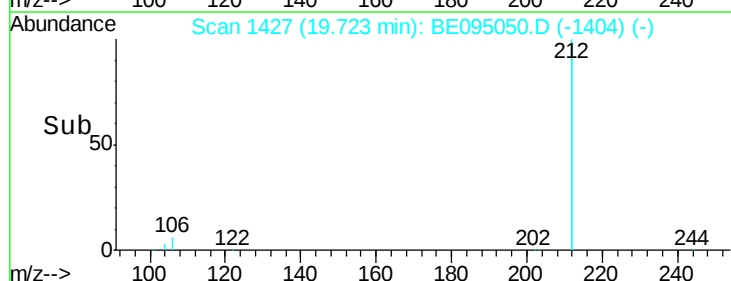
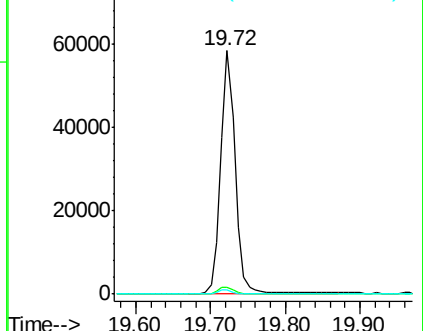
104 1.8 1.6 2.4

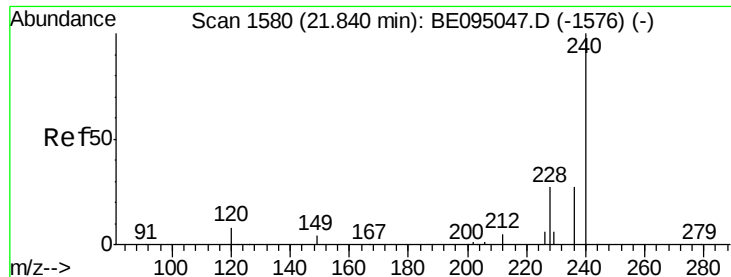


Abundance Ion 212.00 (211.70 to 212.70): E

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: 21.84 min Scan# 1580

Delta R.T. -0.03 min

Lab File: BE095050.D

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PB105315BL

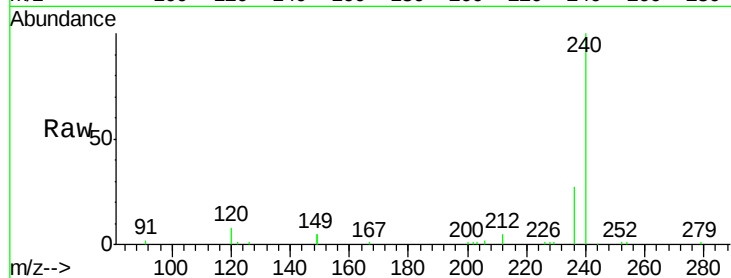
Tgt Ion:240 Resp: 15880

Ion Ratio Lower Upper

240 100

120 7.9 5.5 8.3

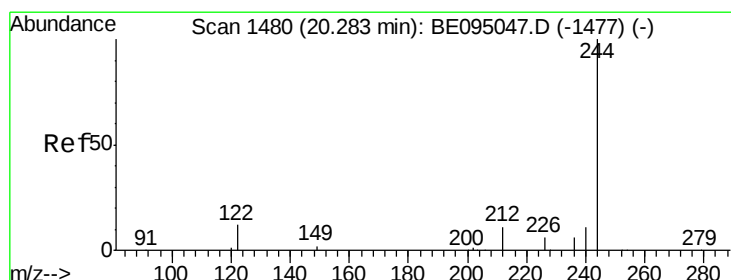
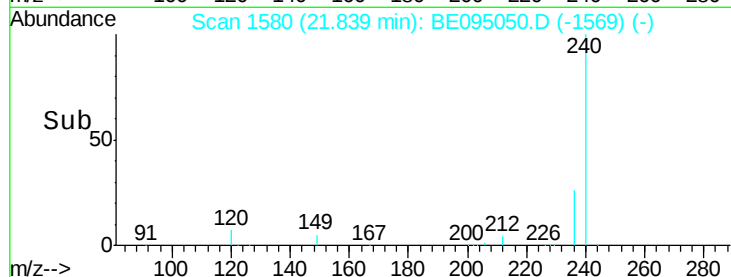
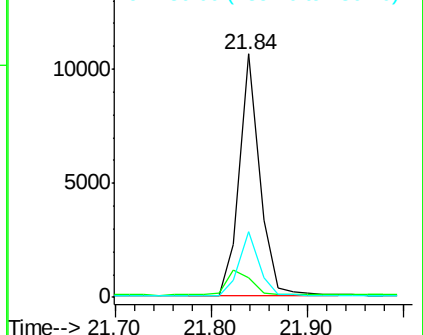
236 26.7 20.7 31.1



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: 0.528 ng

RT: 20.28 min Scan# 1480

Delta R.T. -0.03 min

Lab File: BE095050.D

Acq: 26 Dec 2017 11:40

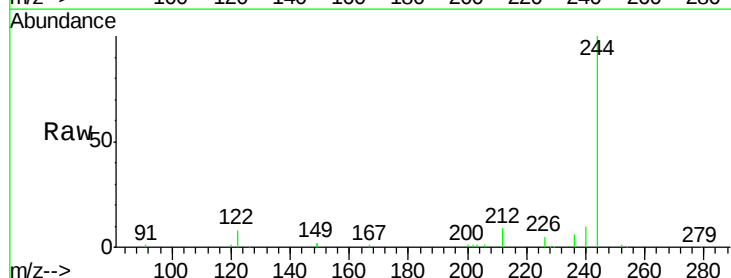
Tgt Ion:244 Resp: 15784

Ion Ratio Lower Upper

244 100

212 9.3 25.4 38.0#

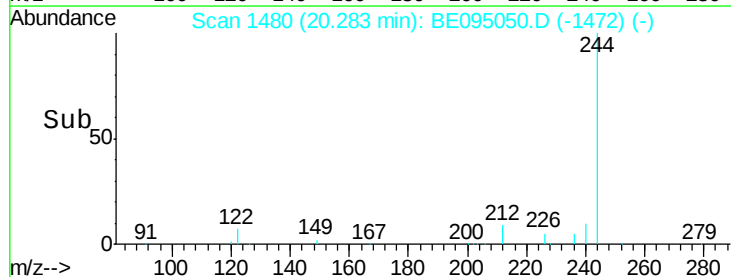
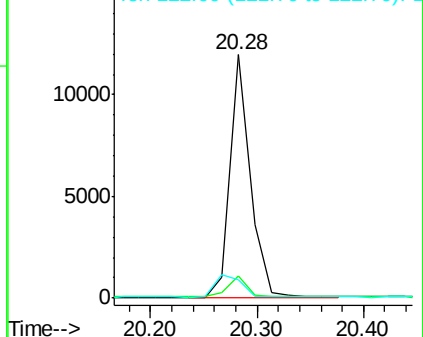
122 7.7 8.1 12.1#

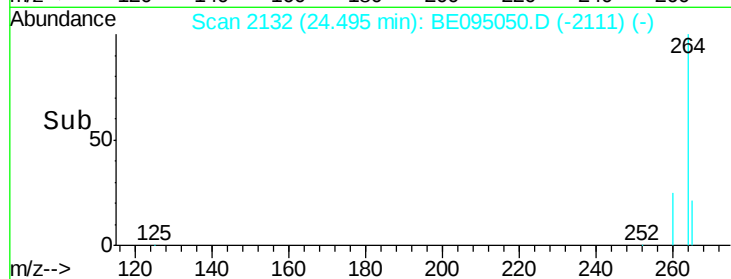
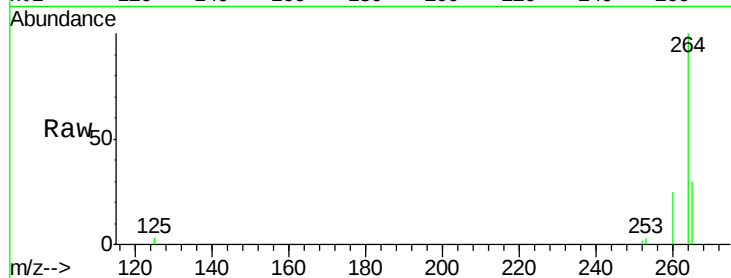
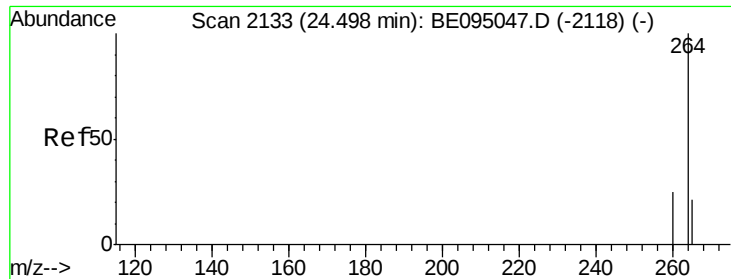


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.50 min Scan# 2132

Delta R.T. -0.05 min

Lab File: BE095050.D

Acq: 26 Dec 2017 11:40

Instrument :

BNA_E

ClientSampleId :

PB105315BL

Tgt Ion: 264 Resp: 14120

Ion Ratio Lower Upper

264 100

260 25.2 20.5 30.7

265 30.1 22.8 34.2

