

Data Path : Z:\HPCHEM1\BNA E\DATA\BE040418\
 Data File : BE095942.D
 Acq On : 4 Apr 2018 12:02
 Operator : SJ/JU
 Sample : J2148-06
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SB-4B

Quant Time: Apr 05 02:57:49 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE032318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 23 12:41:11 2018
 Response via : Initial Calibration

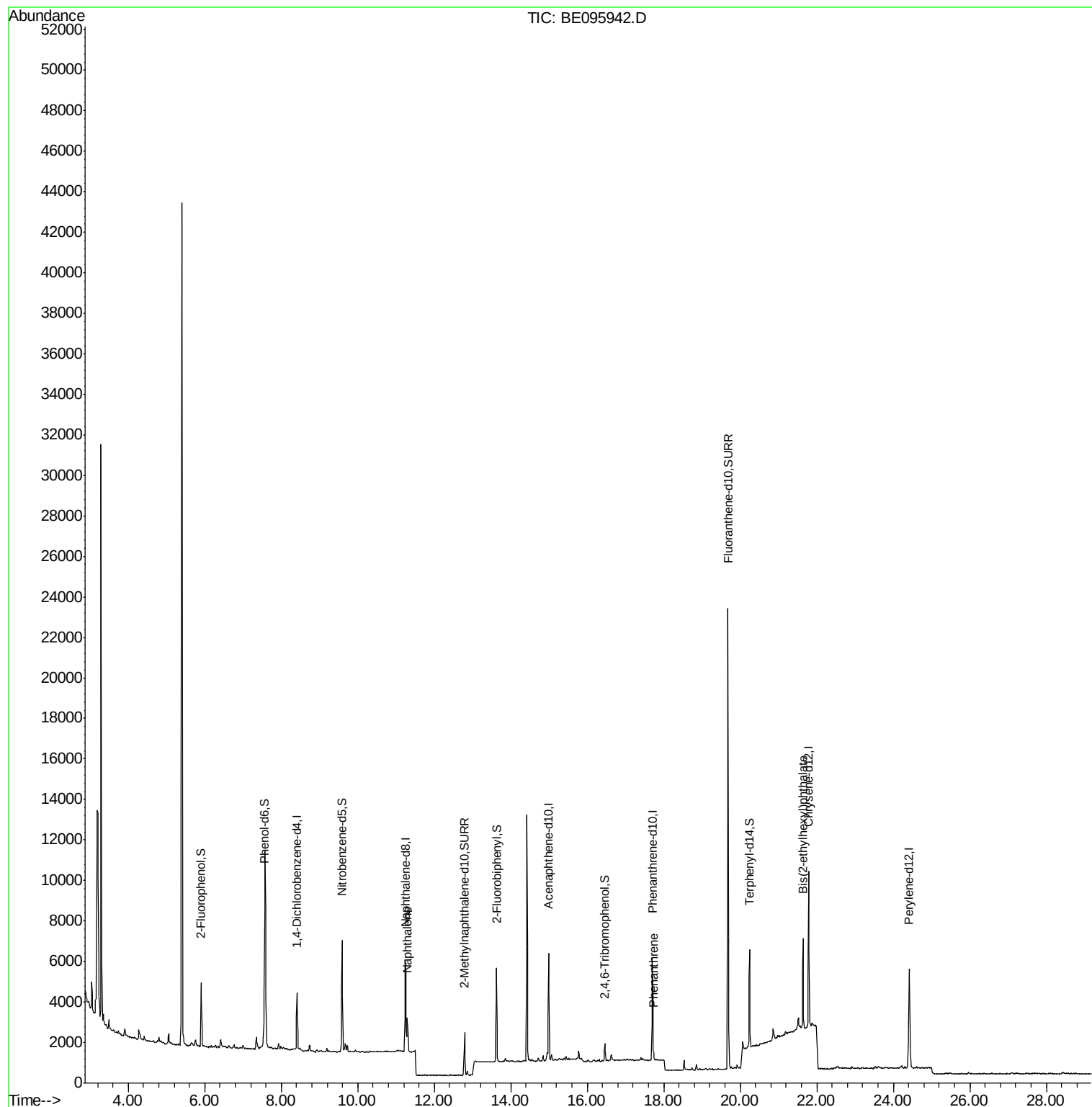
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.41	152	1351	0.40	ng	-0.02
7) Naphthalene-d8	11.26	136	5293	0.40	ng	0.00
13) Acenaphthene-d10	14.99	164	2962	0.40	ng	-0.01
19) Phenanthrene-d10	17.70	188	6617	0.40	ng	-0.01
27) Chrysene-d12	21.79	240	7281	0.40	ng	-0.01
34) Perylene-d12	24.41	264	7257	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.92	112	1515	0.34	ng	0.00
5) Phenol-d6	7.56	99	2175	0.36	ng	0.00
8) Nitrobenzene-d5	9.59	82	2087	0.33	ng	0.00
11) 2-Methylnaphthalene-d10	12.79	152	2929	0.33	ng	0.00
14) 2,4,6-Tribromophenol	16.46	330	466	0.27	ng	-0.01
15) 2-Fluorobiphenyl	13.63	172	4137	0.33	ng	-0.01
25) Fluoranthene-d10	19.68	212	28870	0.29	ng	0.00
29) Terphenyl-d14	20.24	244	4777	0.31	ng	0.00
Target Compounds						
9) Naphthalene	11.29	128	2528	0.042	ng	# 93
23) Phenanthrene	17.74	178	427	0.022	ng	# 98
32) Bis(2-ethylhexyl)phthalate	21.64	149	5499	0.071	ng	# 98

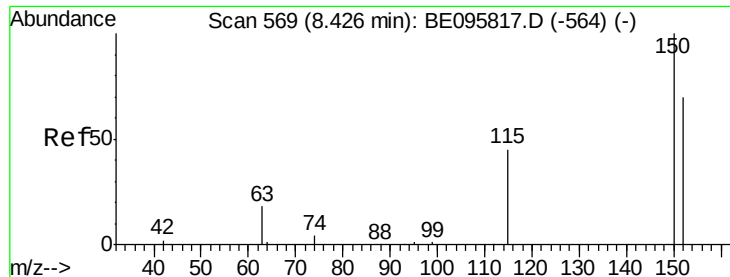
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 8.41 min Scan# 567

Delta R.T. -0.02 min

Lab File: BE095942.D

Acq: 4 Apr 2018 12:02

Instrument :

BNA_E

ClientSampleId :

SB-4B

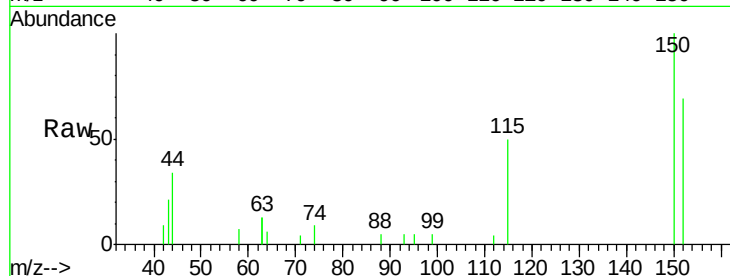
Tot Ion:152 Resp: 1351

Ion Ratio Lower Upper

152 100

150 145.0 117.2 175.8

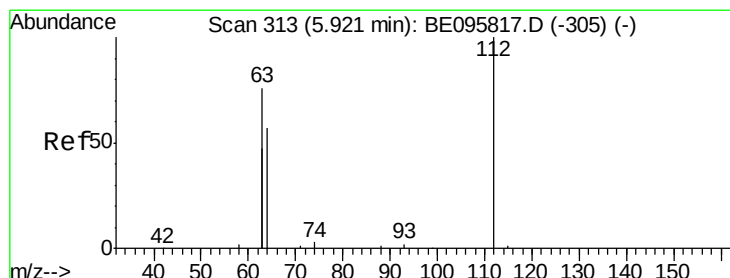
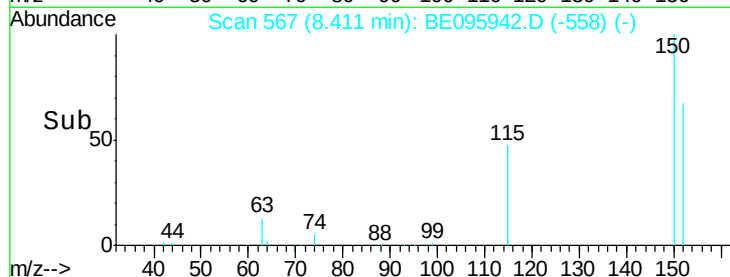
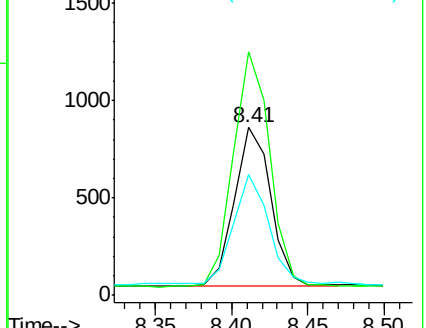
115 72.2 57.0 85.6



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: 0.340 ng

RT: 5.92 min Scan# 312

Delta R.T. -0.01 min

Lab File: BE095942.D

Acq: 4 Apr 2018 12:02

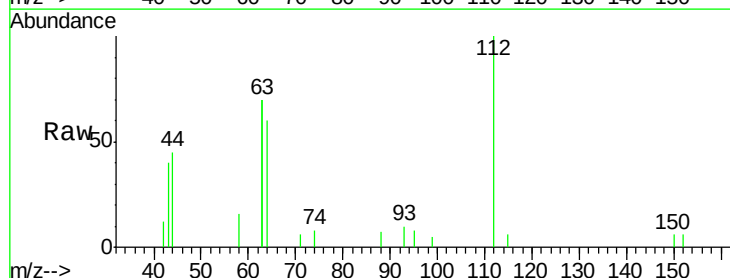
Tgt Ion:112 Resp: 1515

Ion Ratio Lower Upper

112 100

64 77.2 60.1 90.1

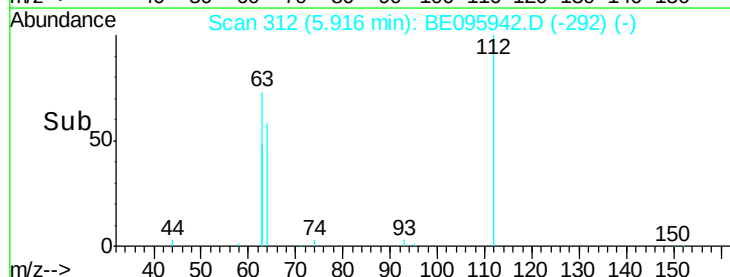
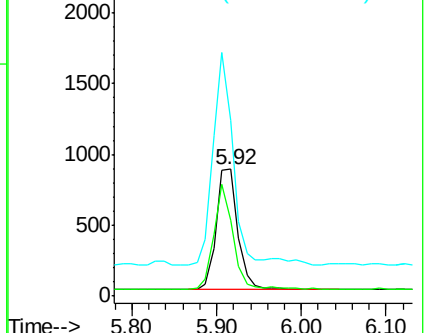
63 159.4 116.8 175.2

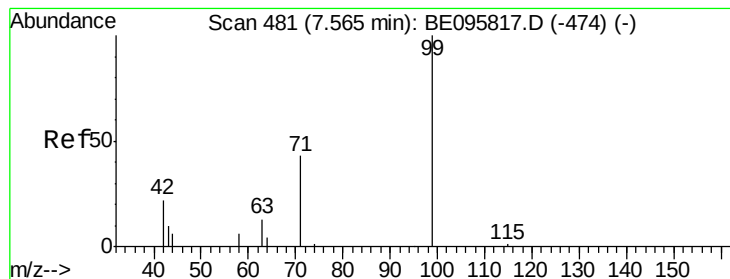


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.355 ng

RT: 7.56 min Scan# 480

Delta R.T. -0.01 min

Lab File: BE095942.D

Acq: 4 Apr 2018 12:02

Instrument :

BNA_E

ClientSampleId :

SB-4B

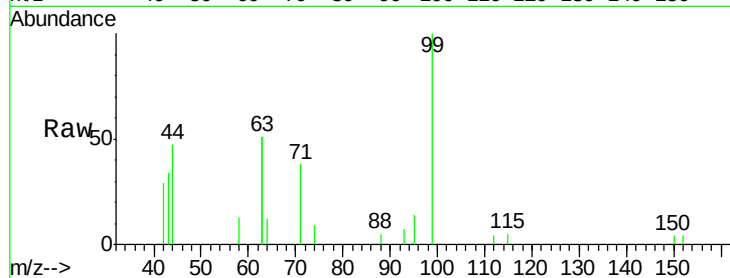
Tot Ion: 99 Resp: 2175

Ion Ratio Lower Upper

99 100

42 42.0 20.2 30.2#

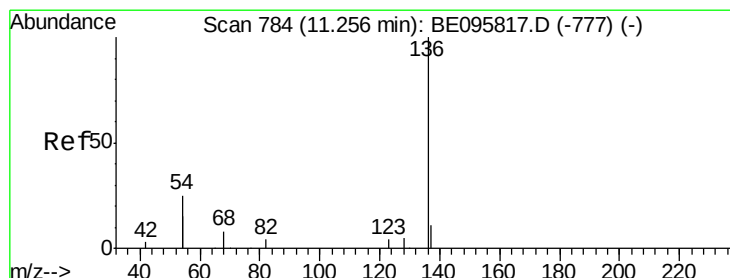
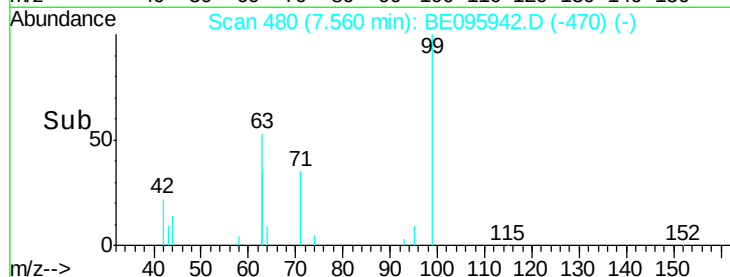
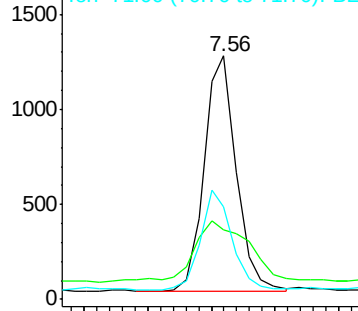
71 40.9 28.4 42.6



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: 11.26 min Scan# 784

Delta R.T. -0.00 min

Lab File: BE095942.D

Acq: 4 Apr 2018 12:02

Tgt Ion: 136 Resp: 5293

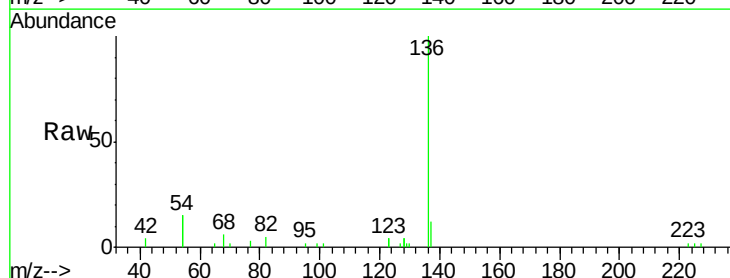
Ion Ratio Lower Upper

136 100

137 12.3 9.5 14.3

54 29.6 29.1 43.7

68 5.7 6.2 9.2#

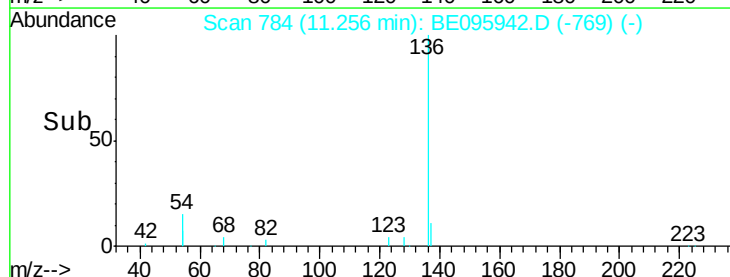
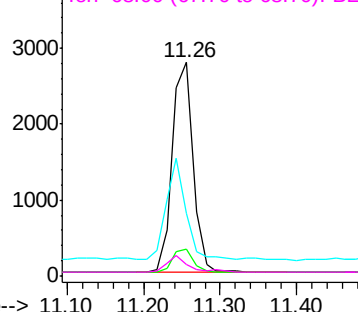


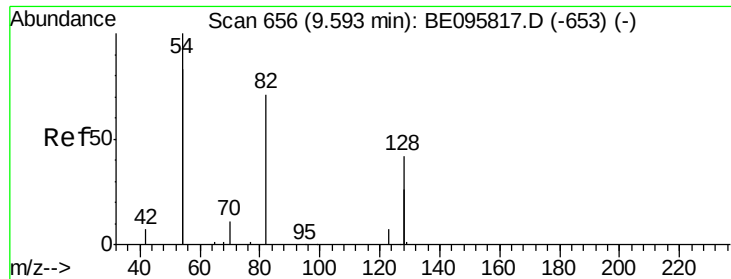
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.334 ng

RT: 9.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: BE095942.D

Acq: 4 Apr 2018 12:02

Instrument :

BNA_E

ClientSampled :

SB-4B

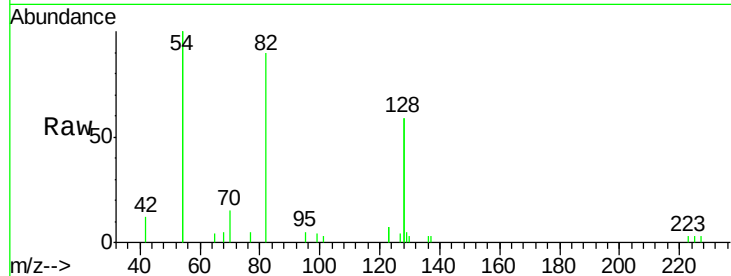
Tot Ion: 82 Resp: 2087

Ion Ratio Lower Upper

82 100

128 131.5 150.0 225.0#

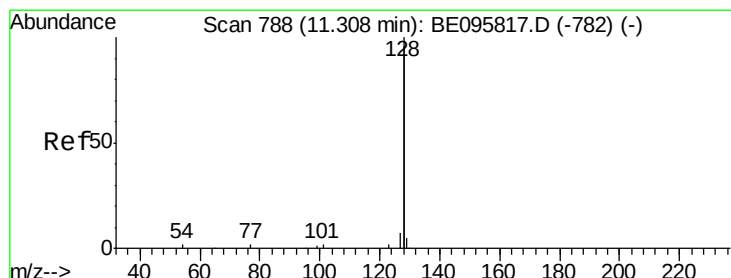
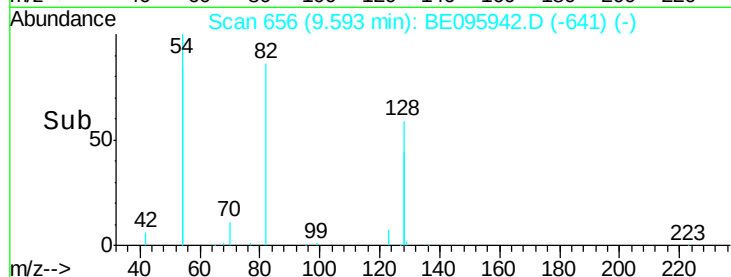
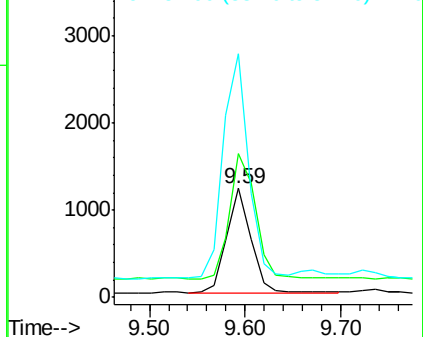
54 223.4 154.2 231.4



Abundance Ion 82.00 (81.70 to 82.70): BE095817.D (-653) (-)

Ion 128.00 (127.70 to 128.70): BE095817.D (-653) (-)

Ion 54.00 (53.70 to 54.70): BE095817.D (-653) (-)



#9

Naphthalene

Concen: 0.042 ng

RT: 11.29 min Scan# 787

Delta R.T. -0.01 min

Lab File: BE095942.D

Acq: 4 Apr 2018 12:02

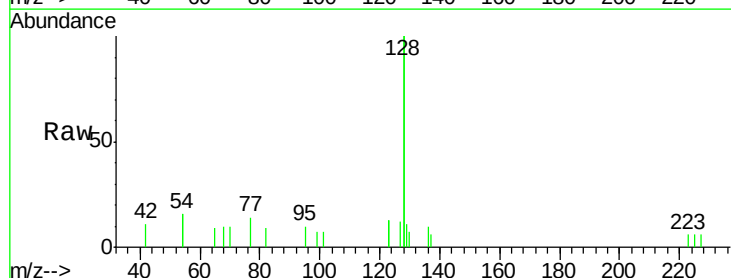
Tgt Ion:128 Resp: 2528

Ion Ratio Lower Upper

128 100

129 5.3 2.6 3.8#

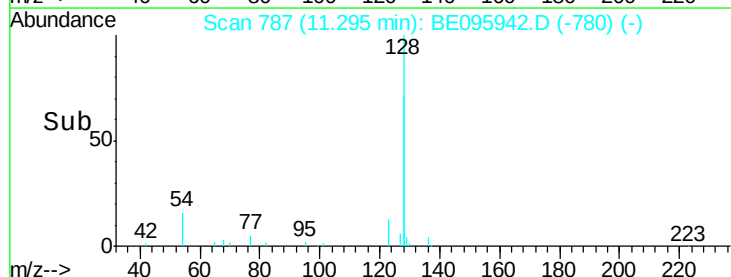
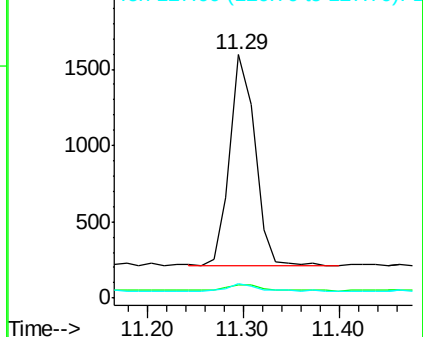
127 5.8 2.8 4.2#

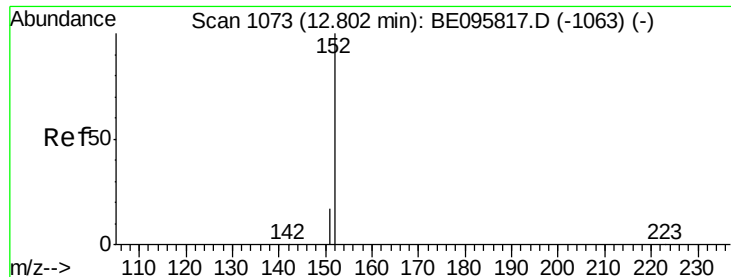


Abundance Ion 128.00 (127.70 to 128.70): BE095817.D (-782) (-)

Ion 129.00 (128.70 to 129.70): BE095817.D (-782) (-)

Ion 127.00 (126.70 to 127.70): BE095817.D (-782) (-)

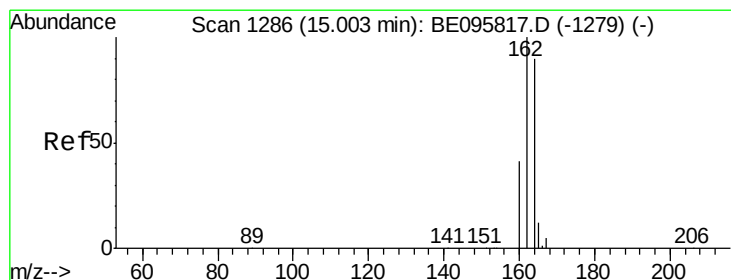
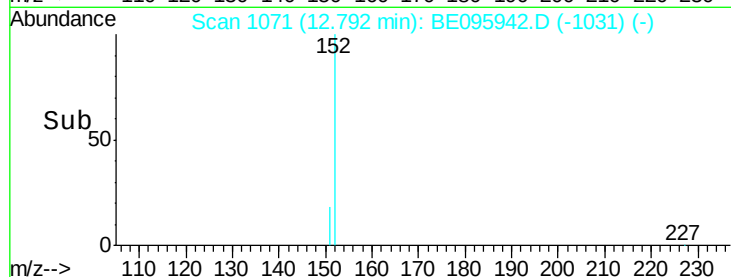
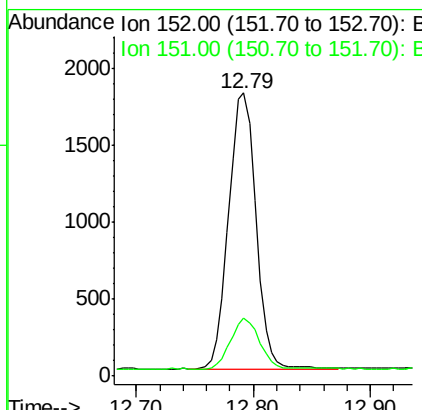
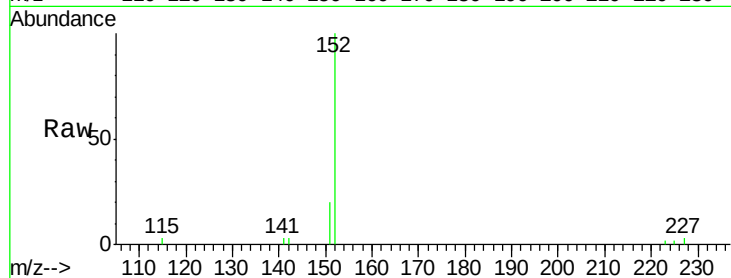




#11
 2-Methylnaphthalene-d10
 Concen: 0.332 ng
 RT: 12.79 min Scan# 1071
 Delta R.T. -0.01 min
 Lab File: BE095942.D
 Acq: 4 Apr 2018 12:02

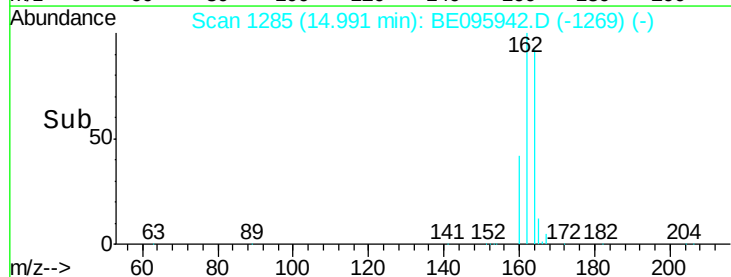
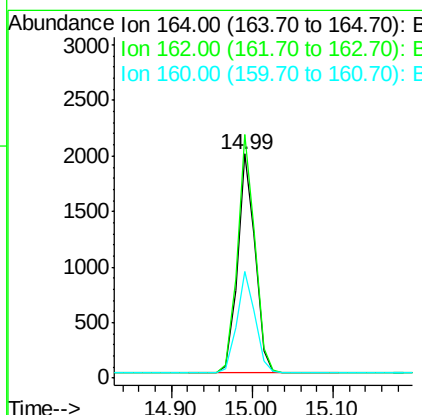
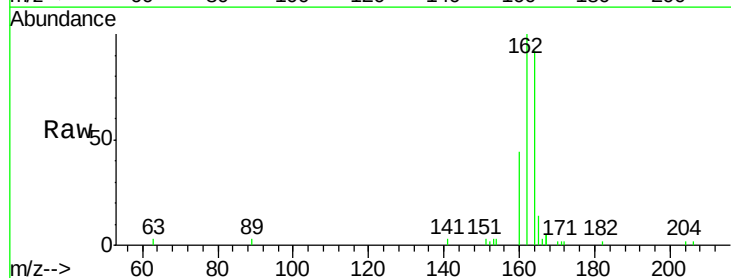
Instrument :
 BNA_E
 ClientSampleId :
 SB-4B

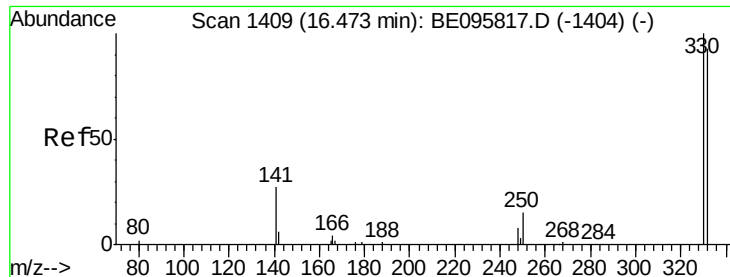
Tot Ion:152 Resp: 2929
 Ion Ratio Lower Upper
 152 100
 151 19.1 15.4 23.0



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.99 min Scan# 1285
 Delta R.T. -0.01 min
 Lab File: BE095942.D
 Acq: 4 Apr 2018 12:02

Tgt Ion:164 Resp: 2962
 Ion Ratio Lower Upper
 164 100
 162 108.6 83.1 124.7
 160 47.4 37.1 55.7

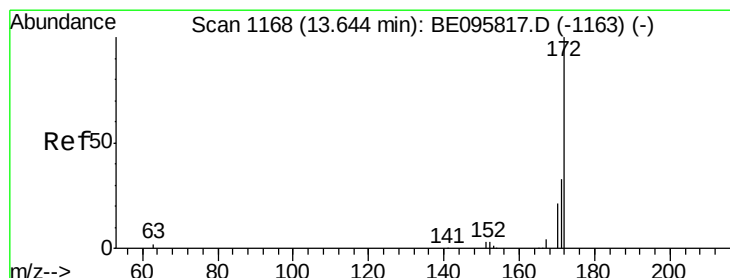
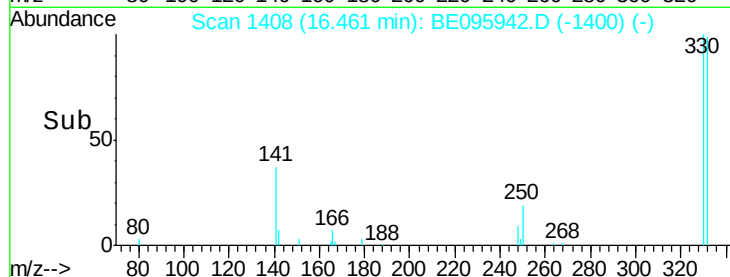
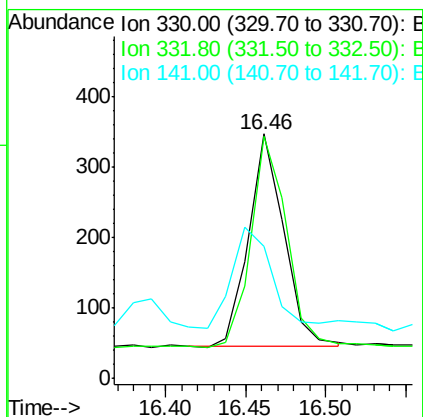
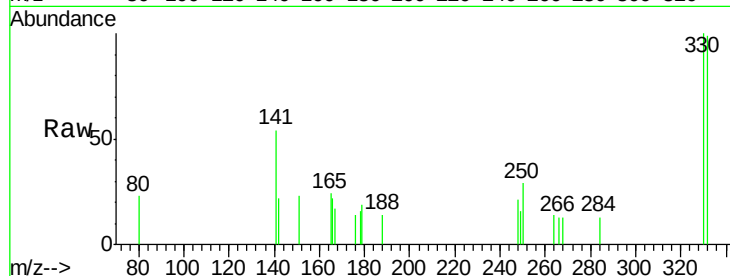




#14
 2,4,6-Tribromophenol
 Concen: 0.273 ng
 RT: 16.46 min Scan# 1408
 Delta R.T. -0.01 min
 Lab File: BE095942.D
 Acq: 4 Apr 2018 12:02

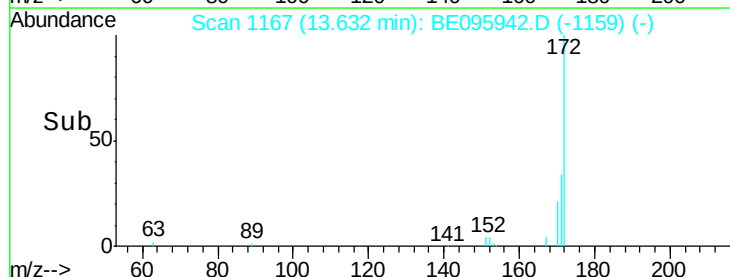
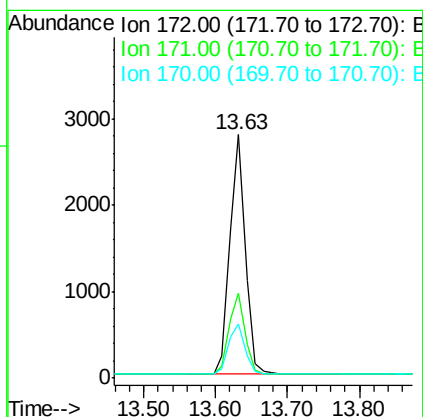
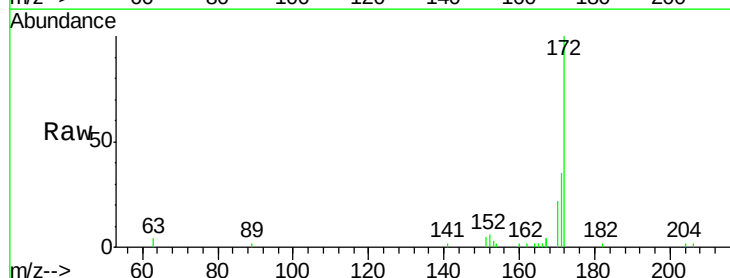
Instrument :
 BNA_E
 ClientSampleId :
 SB-4B

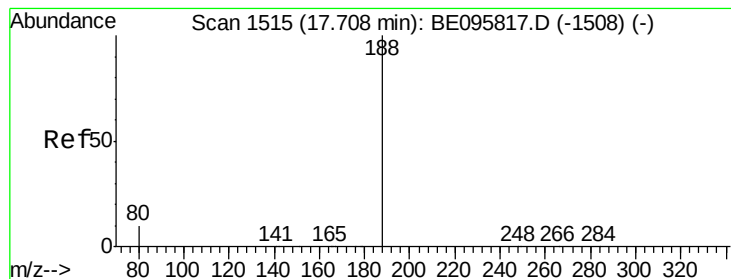
Tot Ion:330 Resp: 466
 Ion Ratio Lower Upper
 330 100
 332 99.1 152.7 229.1#
 141 53.2 33.7 50.5#



#15
 2-Fluorobiphenyl
 Concen: 0.331 ng
 RT: 13.63 min Scan# 1167
 Delta R.T. -0.01 min
 Lab File: BE095942.D
 Acq: 4 Apr 2018 12:02

Tgt Ion:172 Resp: 4137
 Ion Ratio Lower Upper
 172 100
 171 35.0 29.9 44.9
 170 22.4 21.8 32.8





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.70 min Scan# 1514

Delta R.T. -0.01 min

Lab File: BE095942.D

Acq: 4 Apr 2018 12:02

Instrument :

BNA_E

ClientSampleId :

SB-4B

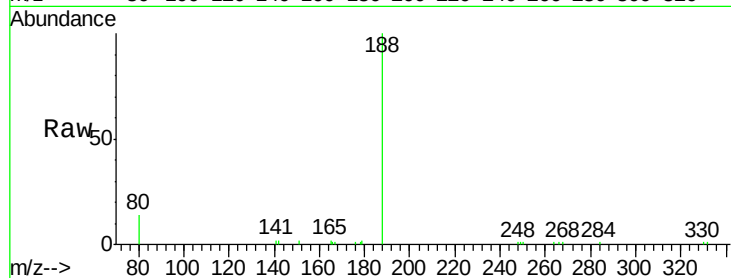
Tot Ion:188 Resp: 6617

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

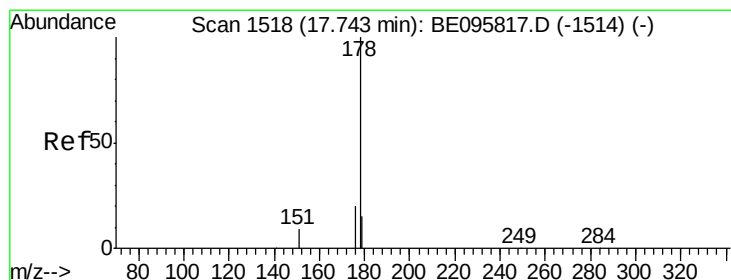
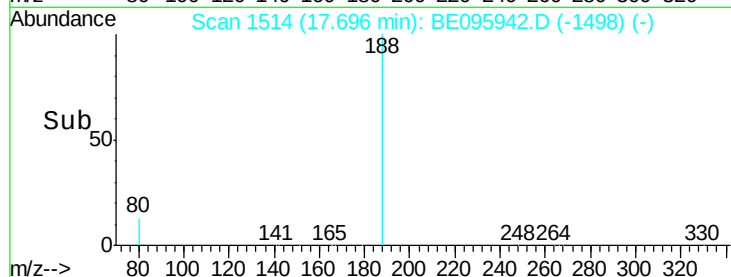
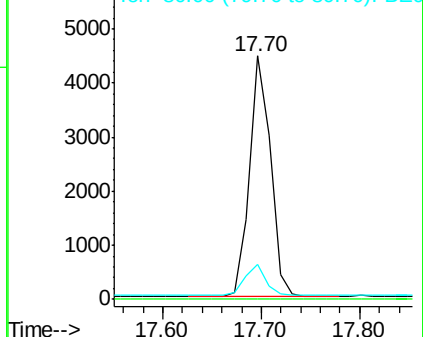
80 14.2 3.6 5.4#



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



#23

Phenanthrene

Concen: 0.022 ng

RT: 17.74 min Scan# 1518

Delta R.T. -0.00 min

Lab File: BE095942.D

Acq: 4 Apr 2018 12:02

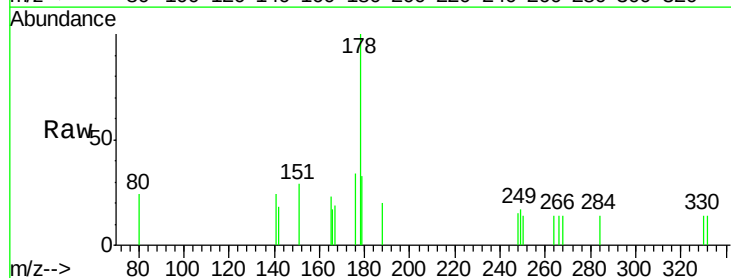
Tgt Ion:178 Resp: 427

Ion Ratio Lower Upper

178 100

176 20.6 15.1 22.7

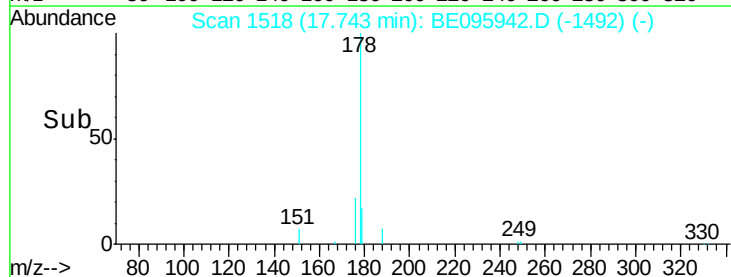
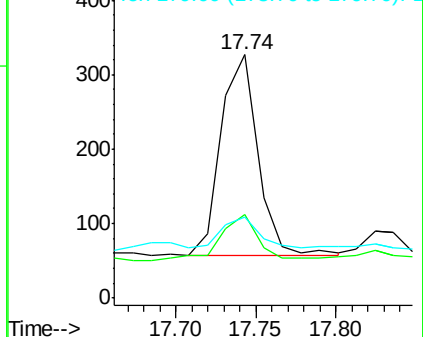
179 14.5 11.8 17.6

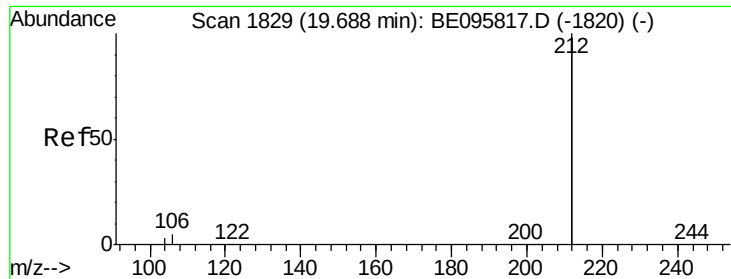


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

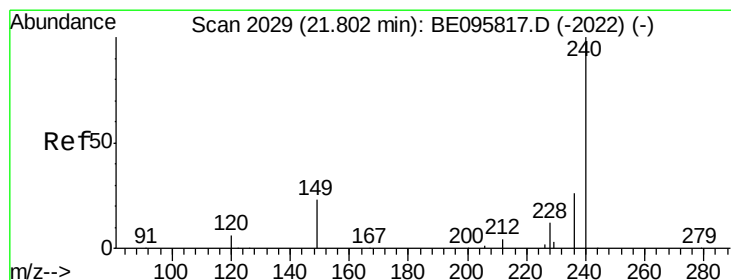
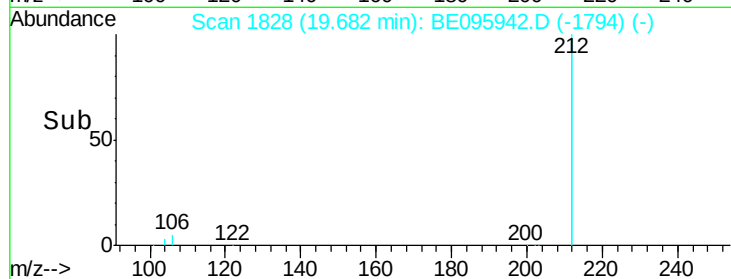
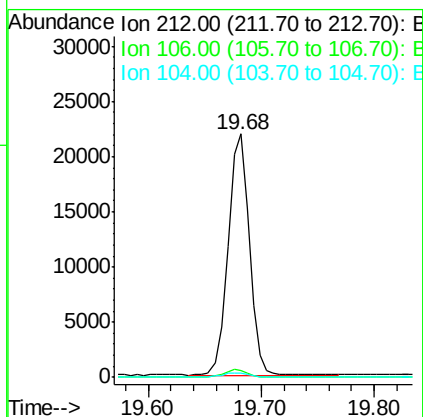
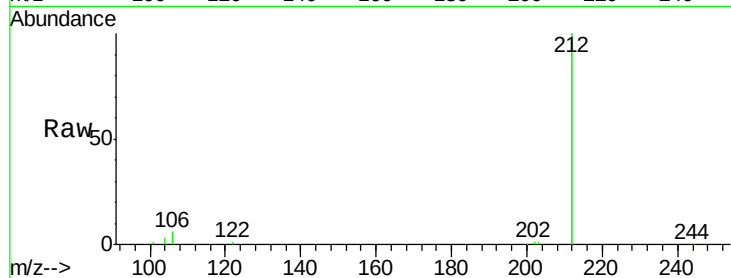




#25
Fluoranthene-d10
Concen: 0.294 ng
RT: 19.68 min Scan# 1828
Delta R.T. -0.01 min
Lab File: BE095942.D
Acq: 4 Apr 2018 12:02

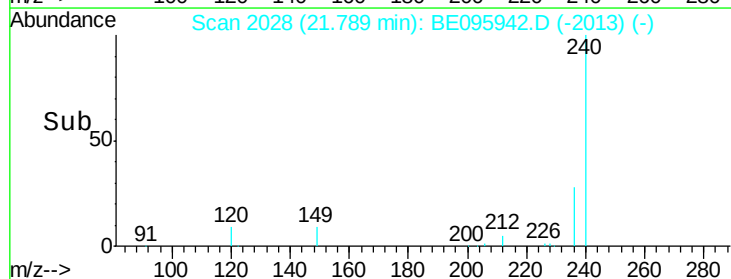
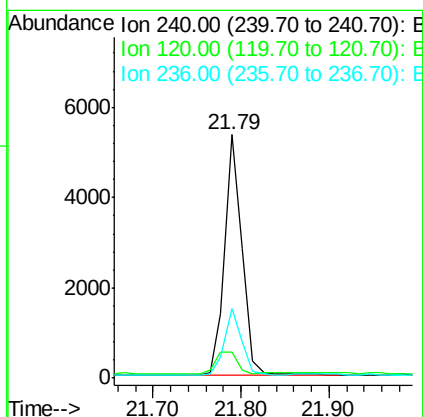
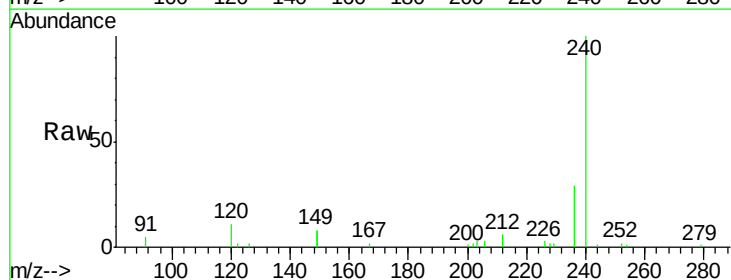
Instrument :
BNA_E
ClientSampleId :
SB-4B

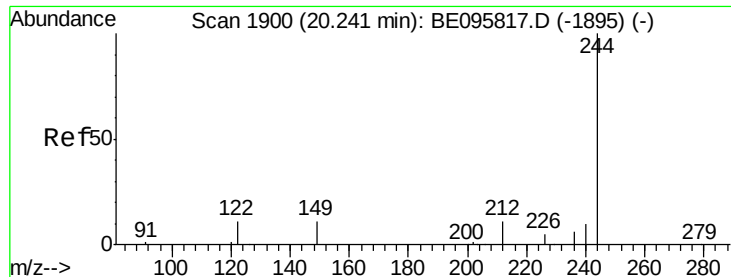
Tot Ion:212 Resp: 28870
Ion Ratio Lower Upper
212 100
106 2.9 2.8 4.2
104 1.8 1.6 2.4



#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.79 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BE095942.D
Acq: 4 Apr 2018 12:02

Tgt Ion:240 Resp: 7281
Ion Ratio Lower Upper
240 100
120 10.6 5.5 8.3#
236 28.5 20.7 31.1





#29

Terphenyl-d14

Concen: 0.309 ng

RT: 20.24 min Scan# 1900

Delta R.T. -0.00 min

Lab File: BE095942.D

Acq: 4 Apr 2018 12:02

Instrument :

BNA_E

ClientSampled :

SB-4B

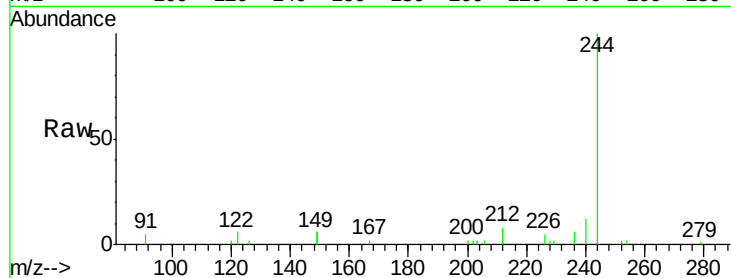
Tot Ion:244 Resp: 4777

Ion Ratio Lower Upper

244 100

212 8.1 25.4 38.0#

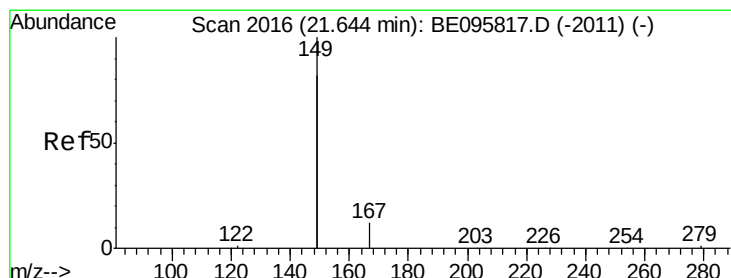
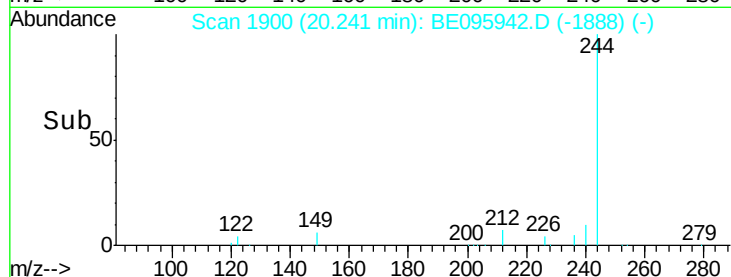
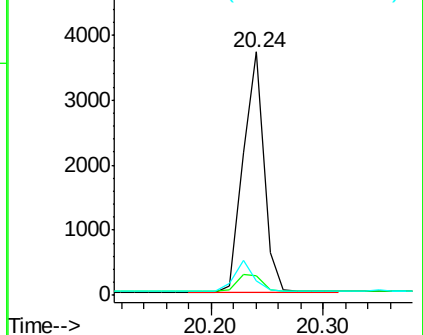
122 6.1 8.1 12.1#



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.071 ng

RT: 21.64 min Scan# 2016

Delta R.T. -0.00 min

Lab File: BE095942.D

Acq: 4 Apr 2018 12:02

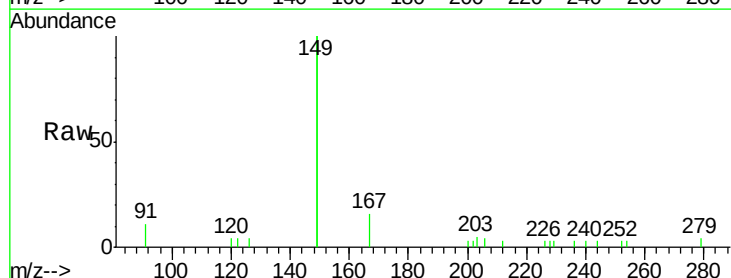
Tgt Ion:149 Resp: 5499

Ion Ratio Lower Upper

149 100

167 7.3 5.4 8.0

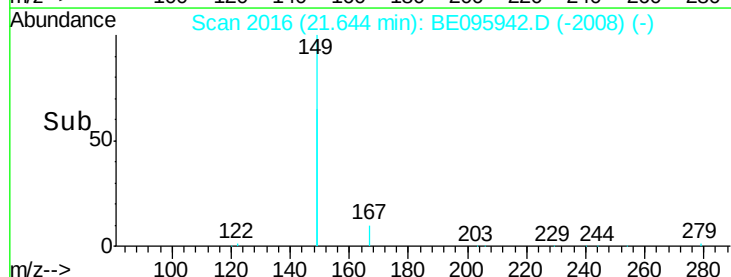
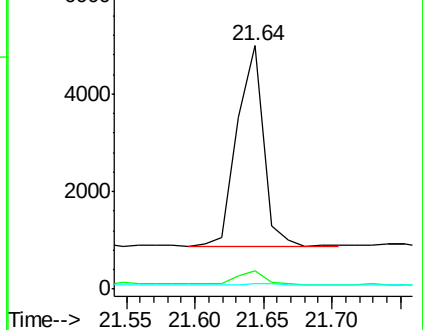
279 1.2 0.7 1.1#

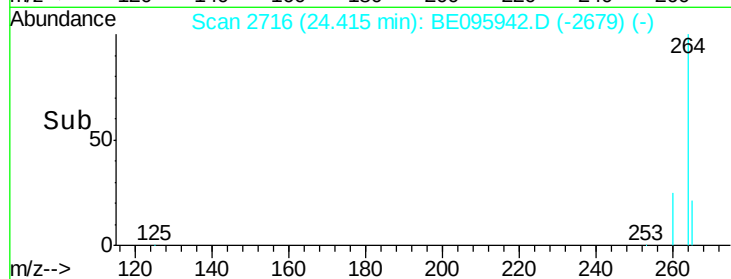
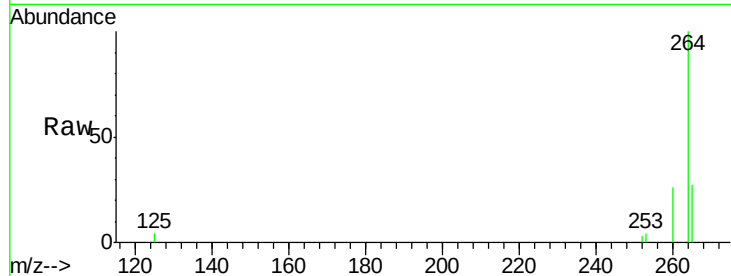
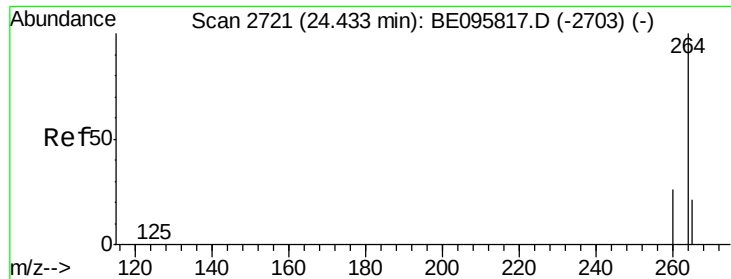


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34

Pervlene-d12

Concen: 0.400 ng

RT: 24.41 min Scan# 2716

Delta R.T. -0.02 min

Lab File: BE095942.D

Acq: 4 Apr 2018 12:02

Instrument :

BNA_E

ClientSampleId :

SB-4B

Tot Ion:264 Resp: 7257

Ion Ratio Lower Upper

264 100

260 25.9 20.5 30.7

265 27.4 22.8 34.2

