

Data Path : Z:\HPCHEM1\BNA E\DATA\BE040418\
 Data File : BE095947.D
 Acq On : 4 Apr 2018 15:01
 Operator : SJ/JU
 Sample : J2148-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SB-4A

Quant Time: Apr 05 03:47:34 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

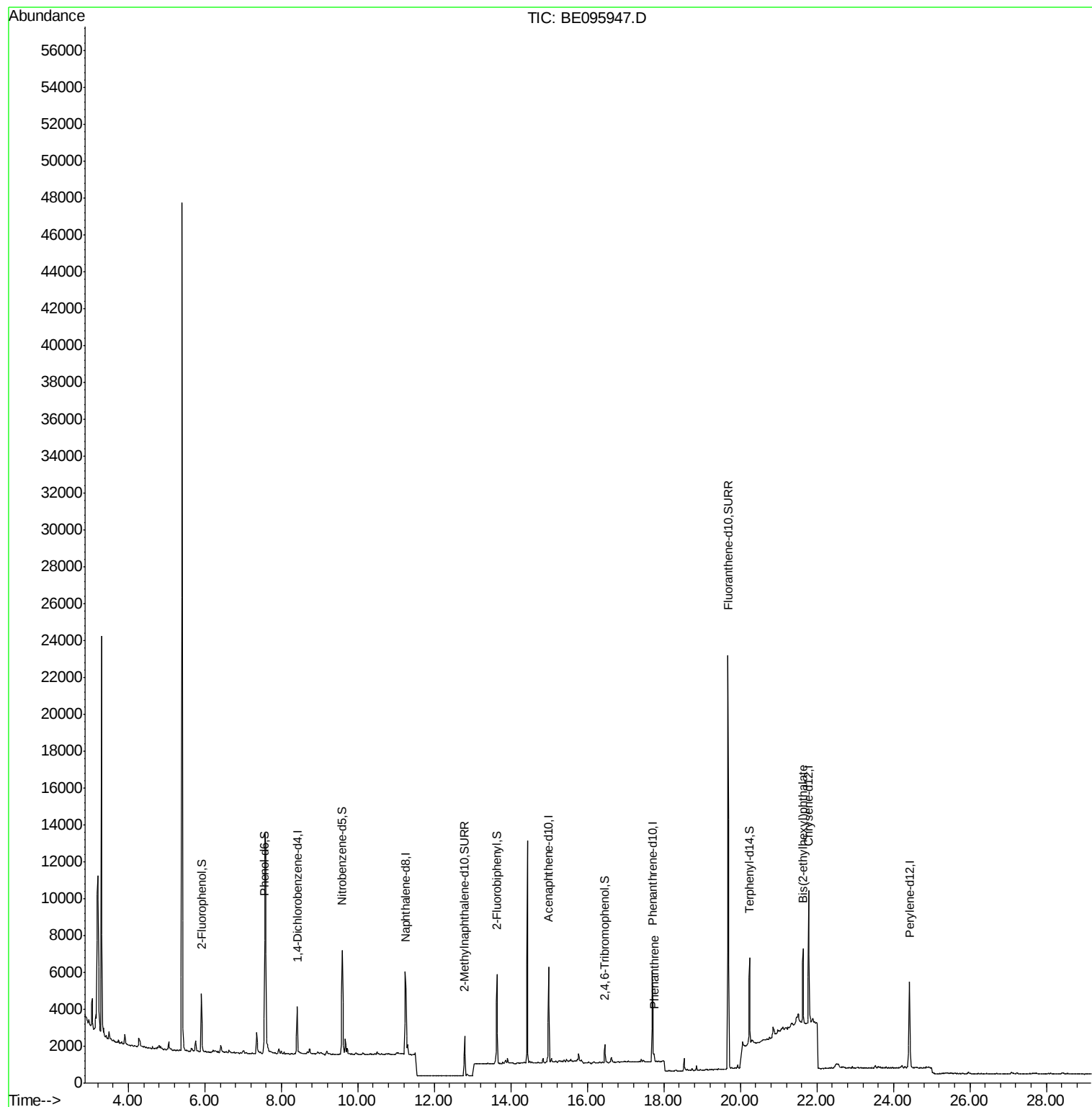
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.42	152	1303	0.40	ng	0.00
7) Naphthalene-d8	11.26	136	5077	0.40	ng	0.00
13) Acenaphthene-d10	14.99	164	2875	0.40	ng	-0.01
19) Phenanthrene-d10	17.70	188	6429	0.40	ng	-0.01
27) Chrysene-d12	21.79	240	6991	0.40	ng	-0.01
34) Perylene-d12	24.42	264	6999	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.91	112	1484	0.35	ng	0.00
5) Phenol-d6	7.56	99	2185	0.37	ng	0.00
8) Nitrobenzene-d5	9.59	82	2114	0.35	ng	0.00
11) 2-Methylnaphthalene-d10	12.79	152	2920	0.34	ng	0.00
14) 2,4,6-Tribromophenol	16.46	330	511	0.31	ng	-0.01
15) 2-Fluorobiphenyl	13.63	172	4230	0.35	ng	-0.01
25) Fluoranthene-d10	19.68	212	29341	0.31	ng	-0.01
29) Terphenyl-d14	20.24	244	4712	0.32	ng	0.00
Target Compounds						
23) Phenanthrene	17.74	178	448	0.023	ng	Qvalue # 84
32) Bis(2-ethylhexyl)phthalate	21.64	149	5449	0.073	ng	98

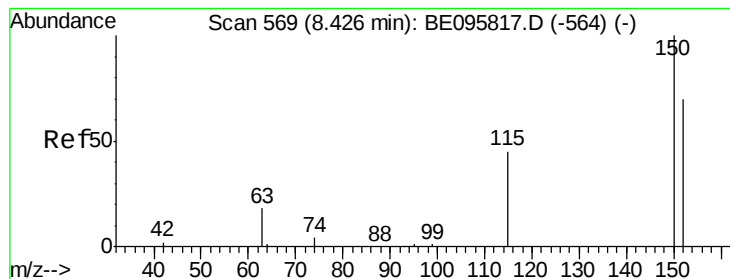
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 8.42 min Scan# 568

Delta R.T. -0.01 min

Lab File: BE095947.D

Acq: 4 Apr 2018 15:01

Instrument :

BNA_E

ClientSampleId :

SB-4A

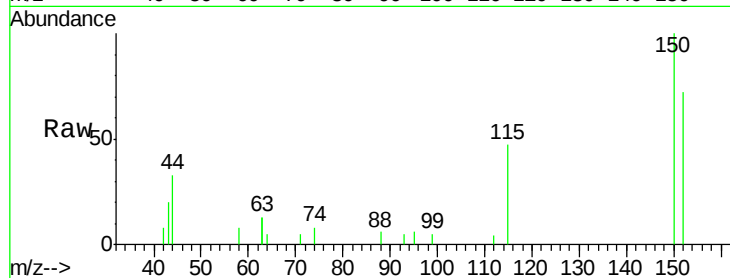
Tot Ion:152 Resp: 1303

Ion Ratio Lower Upper

152 100

150 139.5 117.2 175.8

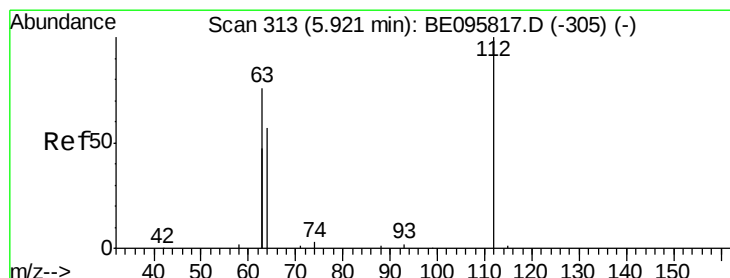
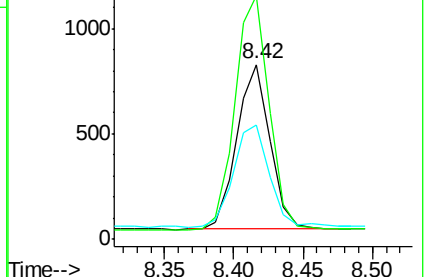
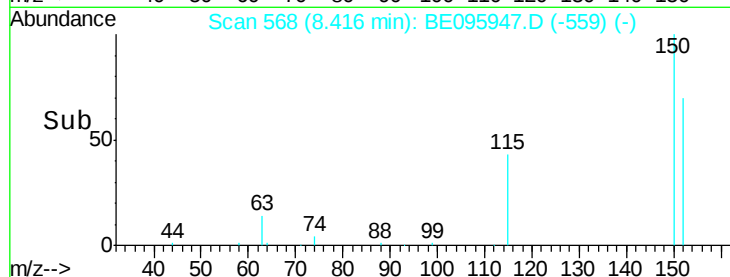
115 65.3 57.0 85.6



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: 0.345 ng

RT: 5.91 min Scan# 312

Delta R.T. -0.01 min

Lab File: BE095947.D

Acq: 4 Apr 2018 15:01

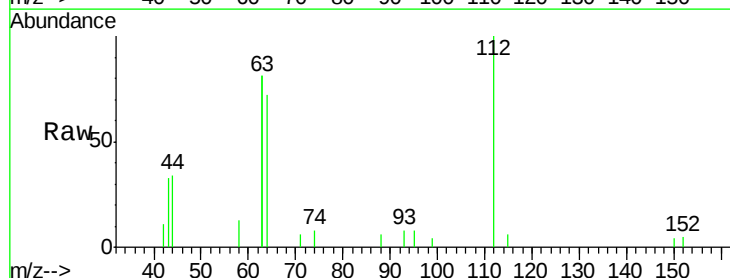
Tgt Ion:112 Resp: 1484

Ion Ratio Lower Upper

112 100

64 78.2 60.1 90.1

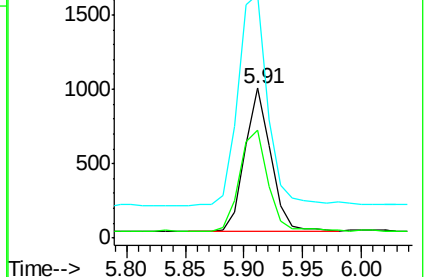
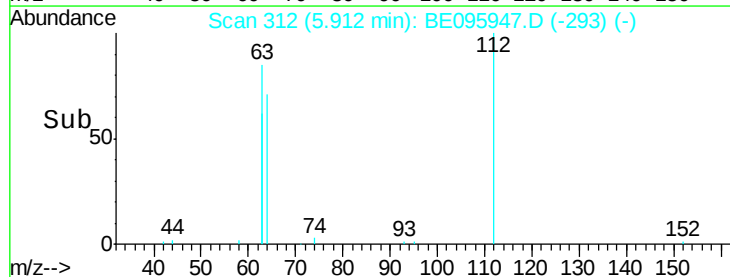
63 168.9 116.8 175.2

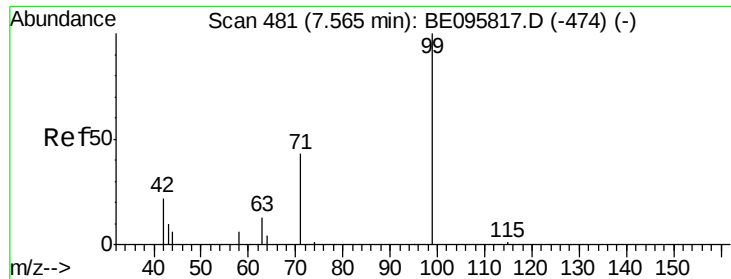


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.370 ng

RT: 7.56 min Scan# 480

Delta R.T. -0.01 min

Lab File: BE095947.D

Acq: 4 Apr 2018 15:01

Instrument :

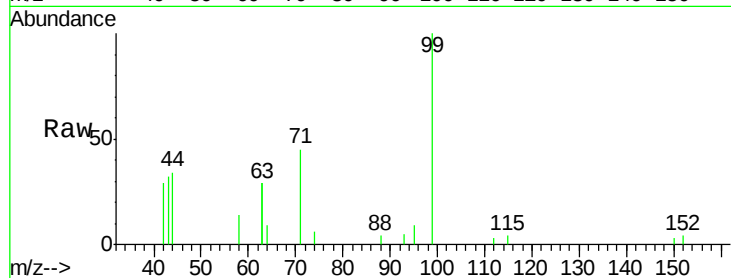
BNA_E

ClientSampleId :

SB-4A

Tot Ion: 99 Resp: 2185

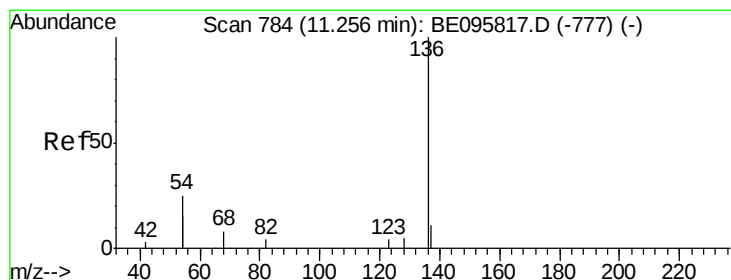
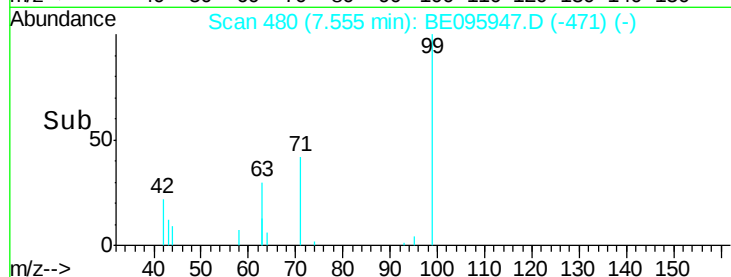
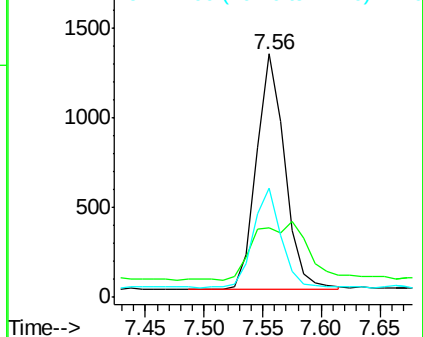
Ion	Ratio	Lower	Upper
99	100		
42	48.2	20.2	30.2#
71	41.9	28.4	42.6



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: BE095947.D

Acq: 4 Apr 2018 15:01

Tgt Ion: 136 Resp: 5077

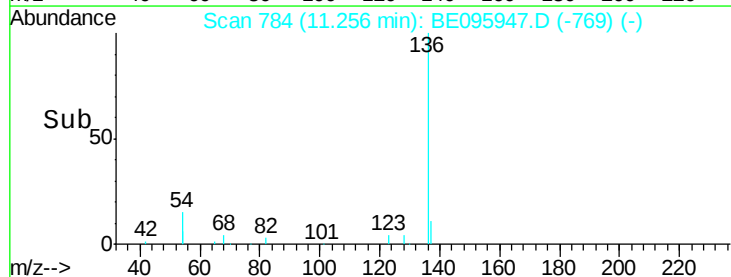
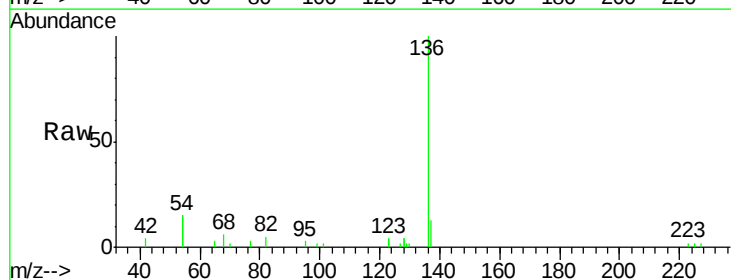
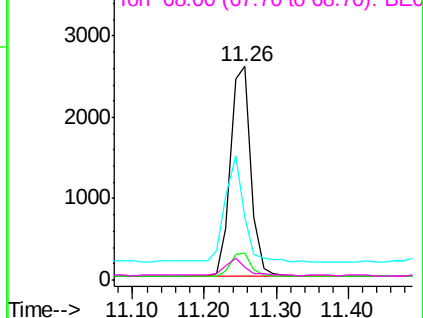
Ion	Ratio	Lower	Upper
136	100		
137	12.6	9.5	14.3
54	29.3	29.1	43.7
68	6.3	6.2	9.2

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: 0.352 ng

RT: 9.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: BE095947.D

Acq: 4 Apr 2018 15:01

Instrument :

BNA_E

ClientSampleId :

SB-4A

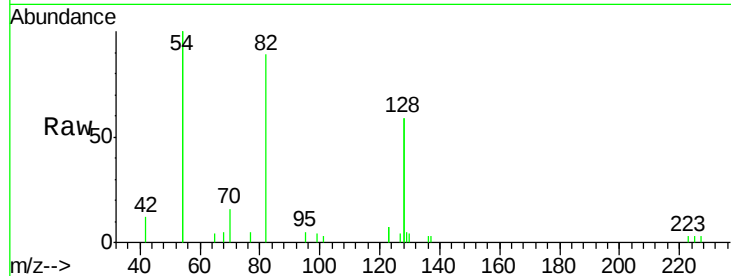
Tot Ion: 82 Resp: 2114

Ion Ratio Lower Upper

82 100

128 133.1 150.0 225.0#

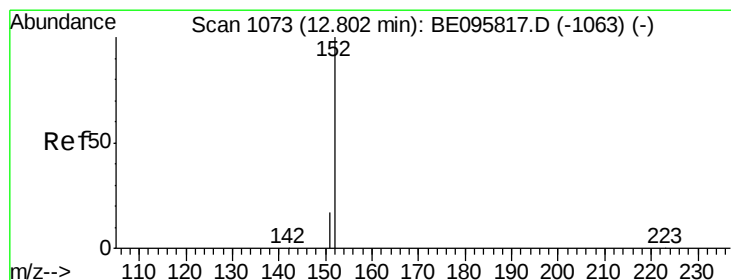
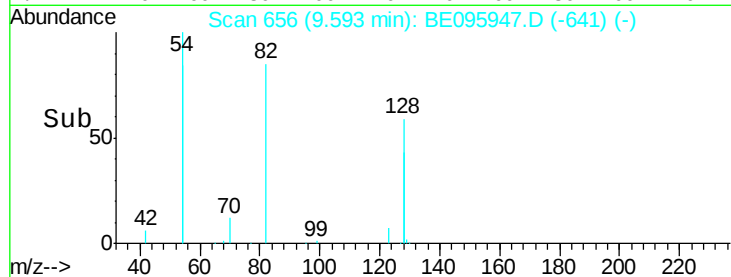
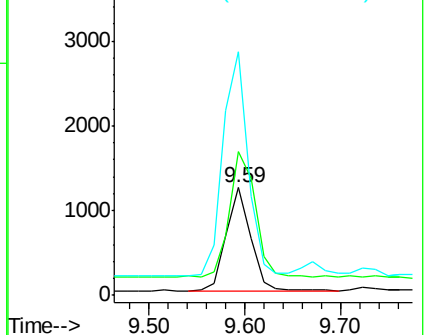
54 226.0 154.2 231.4



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) (-)



#11

2-Methylnaphthalene-d10

Concen: 0.345 ng

RT: 12.79 min Scan# 1071

Delta R.T. -0.01 min

Lab File: BE095947.D

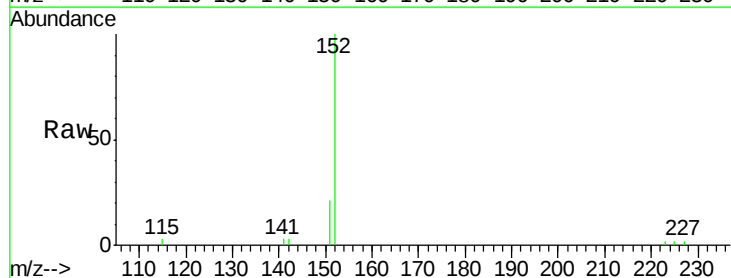
Acq: 4 Apr 2018 15:01

Tgt Ion: 152 Resp: 2920

Ion Ratio Lower Upper

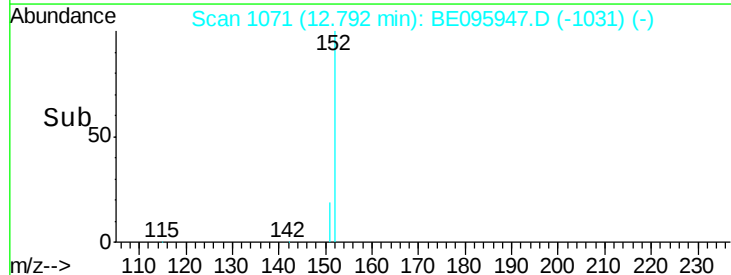
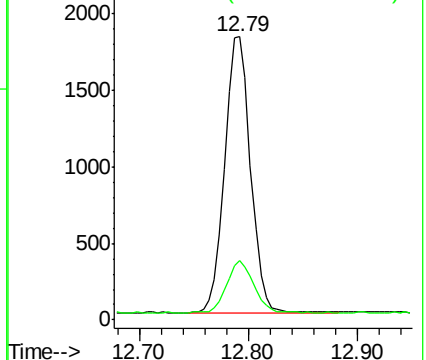
152 100

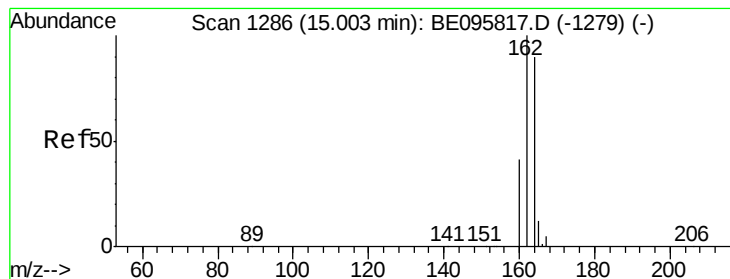
151 19.7 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): BE095817.D (-1063) (-)

Ion 151.00 (150.70 to 151.70): BE095817.D (-1063) (-)





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.99 min Scan# 1285

Delta R.T. -0.01 min

Lab File: BE095947.D

Acq: 4 Apr 2018 15:01

Instrument :

BNA_E

ClientSampleId :

SB-4A

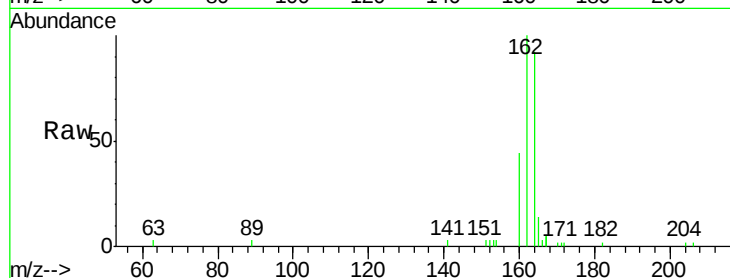
Tot Ion:164 Resp: 2875

Ion Ratio Lower Upper

164 100

162 108.7 83.1 124.7

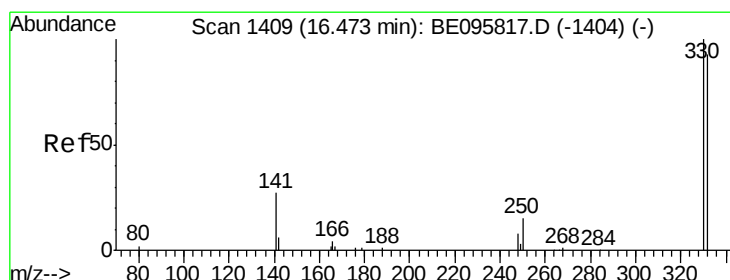
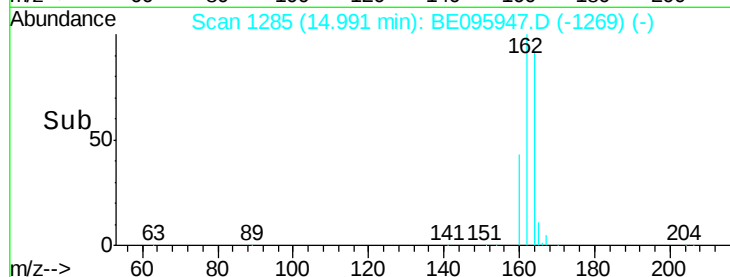
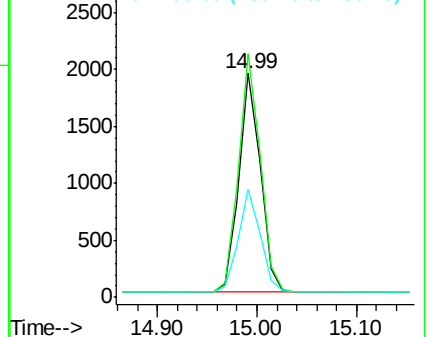
160 48.3 37.1 55.7



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: 0.308 ng

RT: 16.46 min Scan# 1408

Delta R.T. -0.01 min

Lab File: BE095947.D

Acq: 4 Apr 2018 15:01

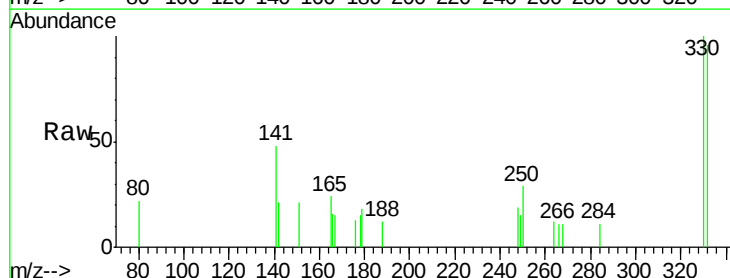
Tgt Ion:330 Resp: 511

Ion Ratio Lower Upper

330 100

332 99.4 152.7 229.1#

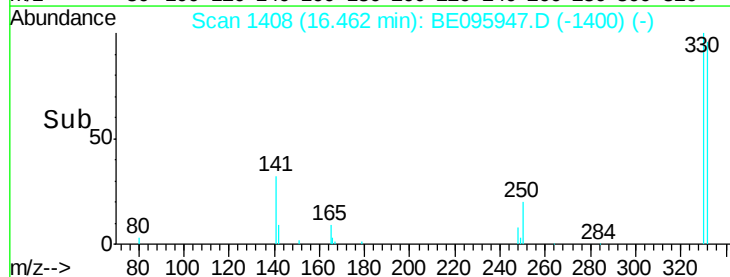
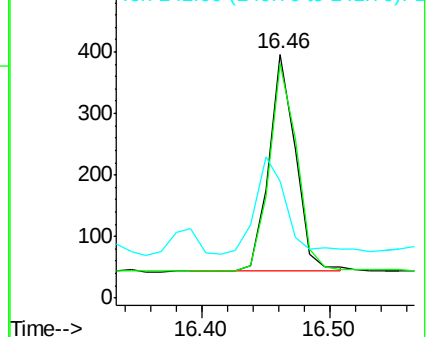
141 52.6 33.7 50.5#

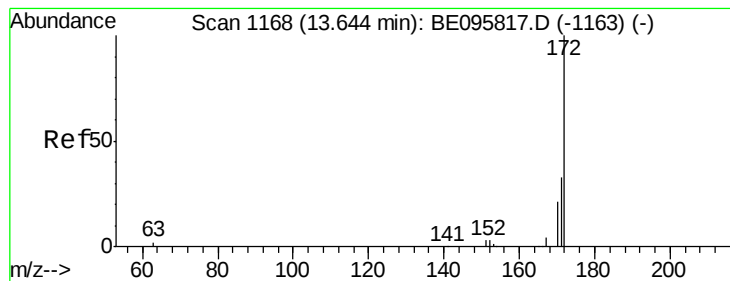


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.349 ng

RT: 13.63 min Scan# 1167

Delta R.T. -0.01 min

Lab File: BE095947.D

Acq: 4 Apr 2018 15:01

Instrument :

BNA_E

ClientSampleId :

SB-4A

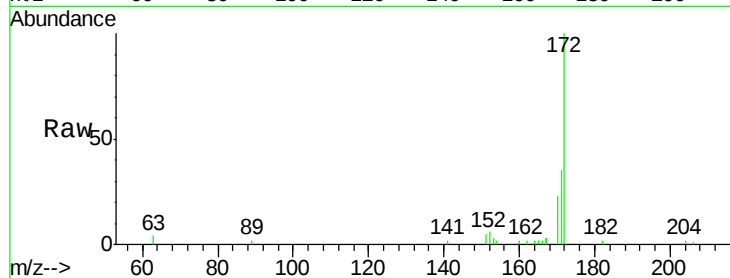
Tot Ion:172 Resp: 4230

Ion Ratio Lower Upper

172 100

171 35.4 29.9 44.9

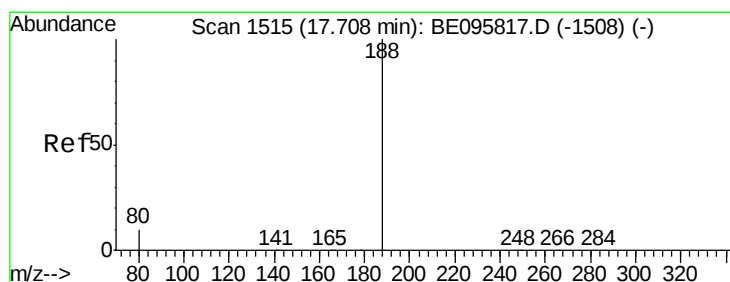
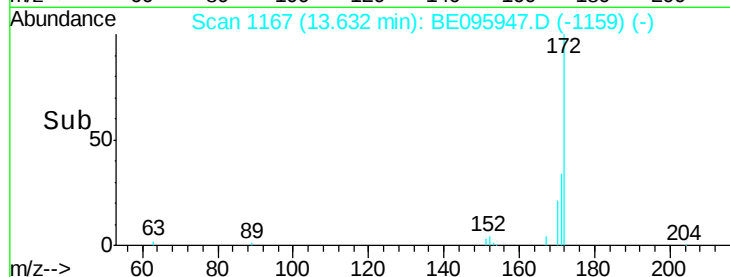
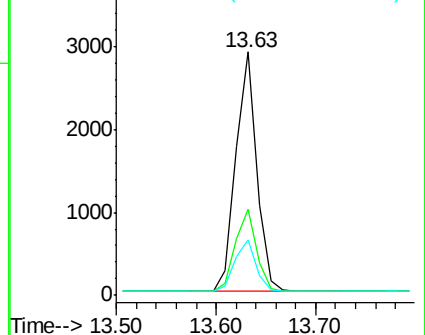
170 22.6 21.8 32.8



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: 17.70 min Scan# 1514

Delta R.T. -0.01 min

Lab File: BE095947.D

Acq: 4 Apr 2018 15:01

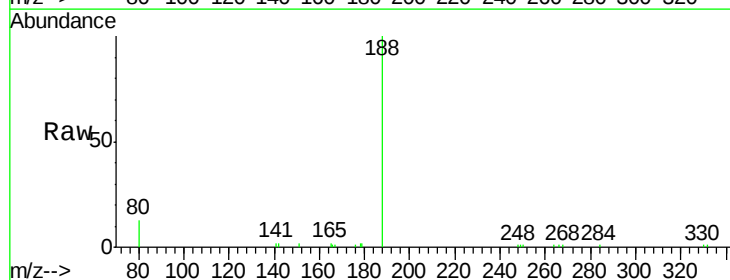
Tgt Ion:188 Resp: 6429

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

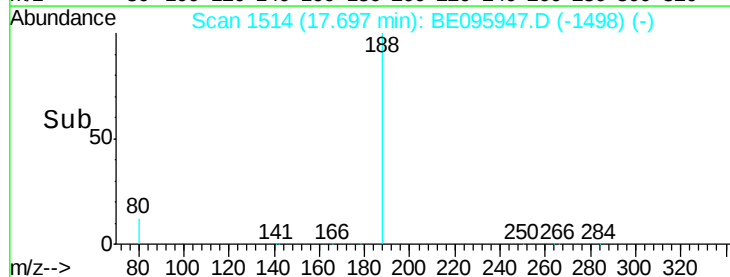
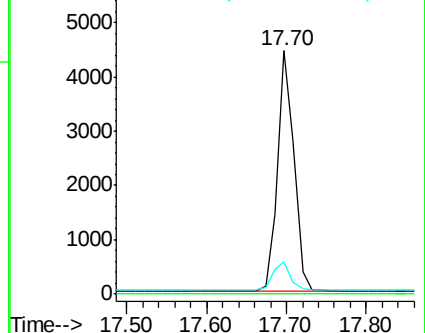
80 13.2 3.6 5.4#

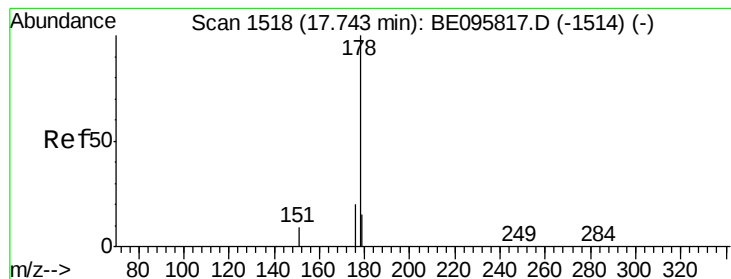


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0





#23

Phenanthrene

Concen: 0.023 ng

RT: 17.74 min Scan# 1518

Delta R.T. 0.00 min

Lab File: BE095947.D

Acq: 4 Apr 2018 15:01

Instrument :

BNA_E

ClientSampleId :

SB-4A

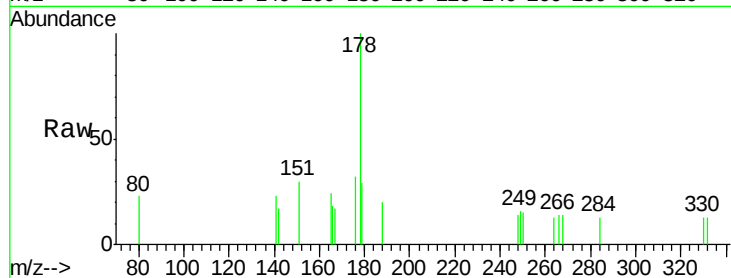
Tot Ion:178 Resp: 448

Ion Ratio Lower Upper

178 100

176 26.1 15.1 22.7#

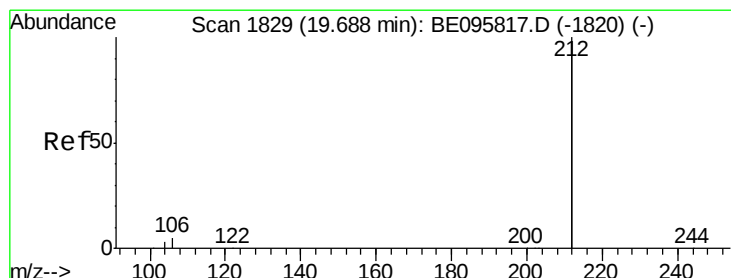
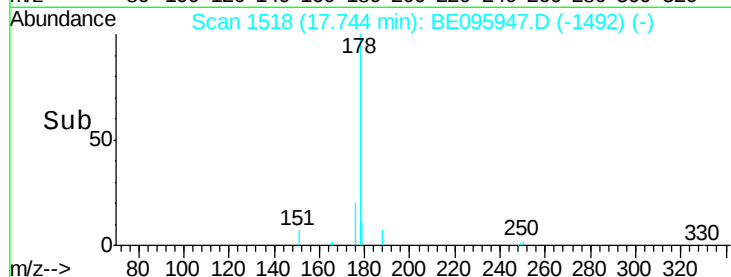
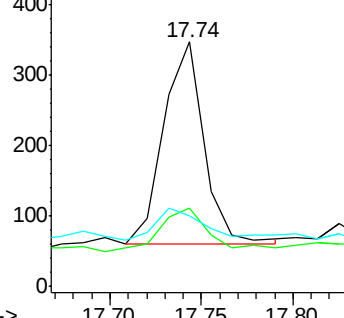
179 21.4 11.8 17.6#



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: 0.307 ng

RT: 19.68 min Scan# 1827

Delta R.T. -0.01 min

Lab File: BE095947.D

Acq: 4 Apr 2018 15:01

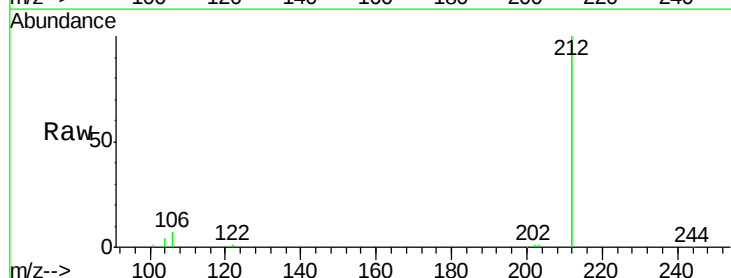
Tgt Ion:212 Resp: 29341

Ion Ratio Lower Upper

212 100

106 3.0 2.8 4.2

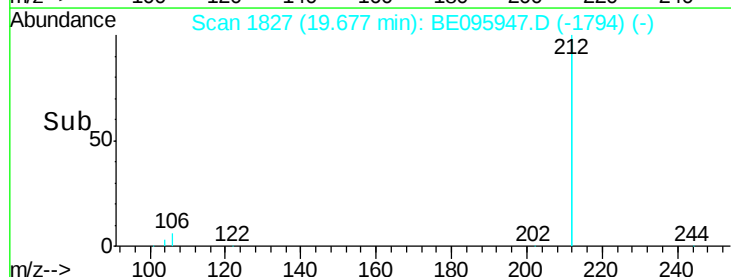
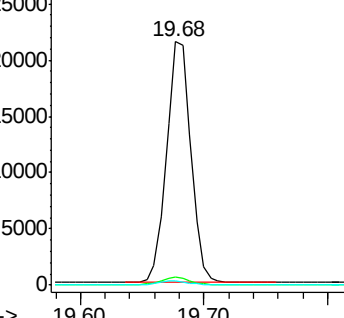
104 1.7 1.6 2.4

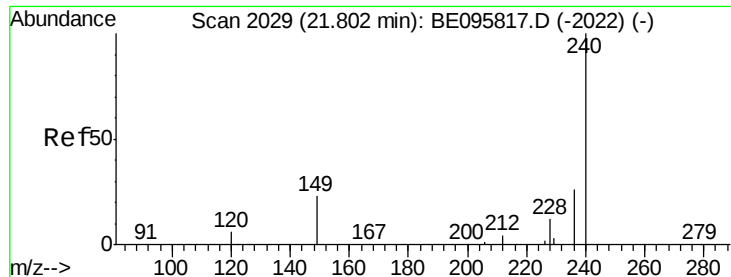


Abundance Ion 212.00 (211.70 to 212.70): E

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: 21.79 min Scan# 2028

Delta R.T. -0.01 min

Lab File: BE095947.D

Acq: 4 Apr 2018 15:01

Instrument :

BNA_E

ClientSampleId :

SB-4A

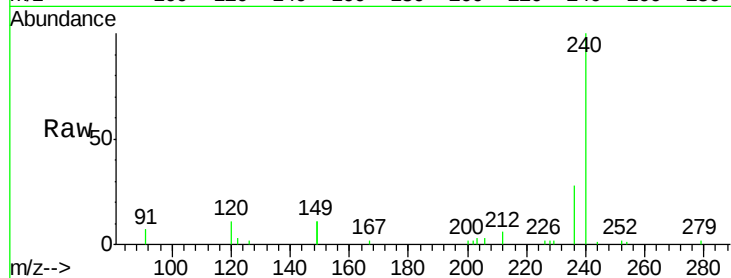
Tot Ion:240 Resp: 6991

Ion Ratio Lower Upper

240 100

120 11.4 5.5 8.3#

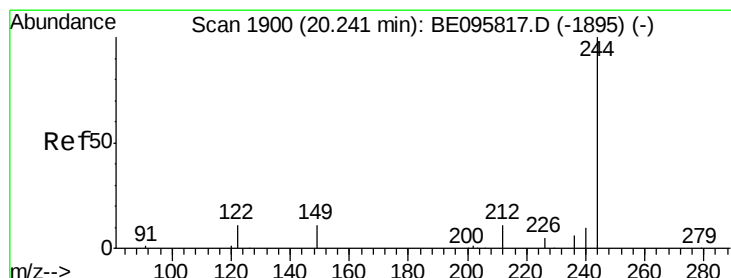
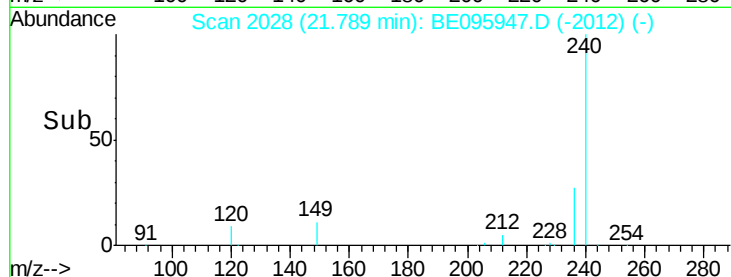
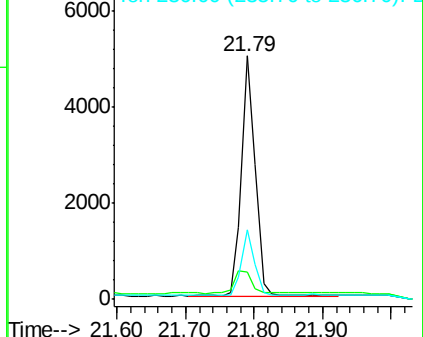
236 28.4 20.7 31.1



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: 0.317 ng

RT: 20.24 min Scan# 1900

Delta R.T. -0.00 min

Lab File: BE095947.D

Acq: 4 Apr 2018 15:01

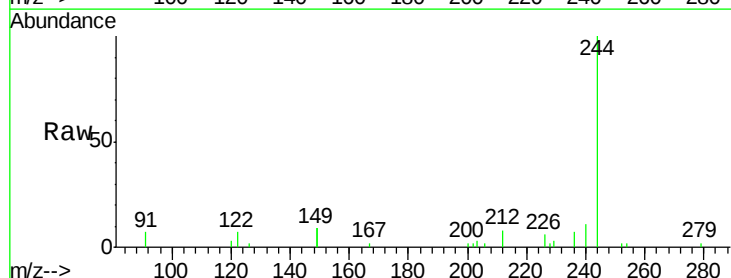
Tgt Ion:244 Resp: 4712

Ion Ratio Lower Upper

244 100

212 8.3 25.4 38.0#

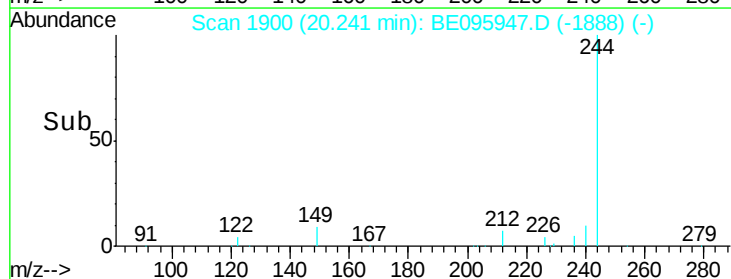
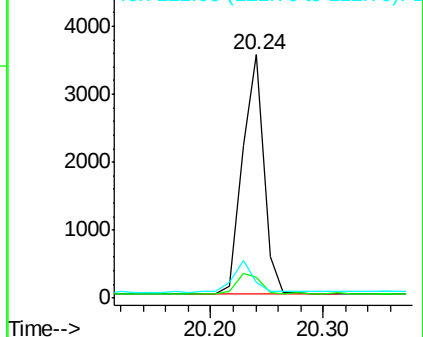
122 6.6 8.1 12.1#

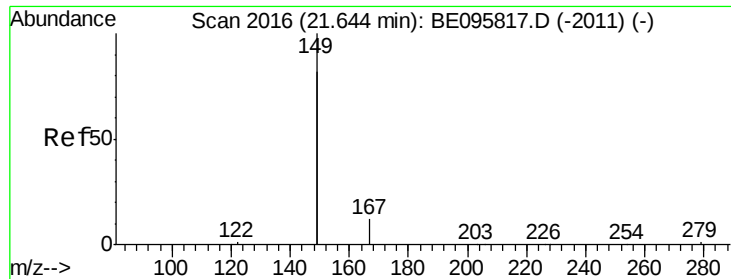


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.073 ng

RT: 21.64 min Scan# 2016

Delta R.T. 0.00 min

Lab File: BE095947.D

Acq: 4 Apr 2018 15:01

Instrument :

BNA_E

ClientSampleId :

SB-4A

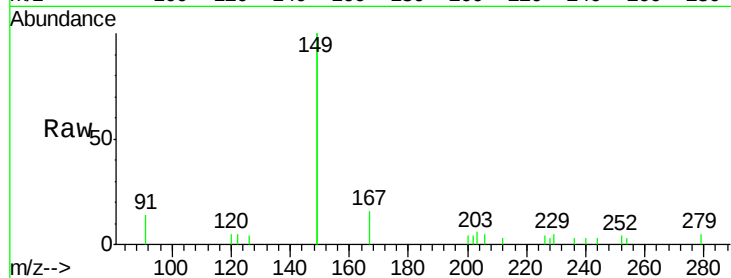
Tot Ion:149 Resp: 5449

Ion Ratio Lower Upper

149 100

167 7.3 5.4 8.0

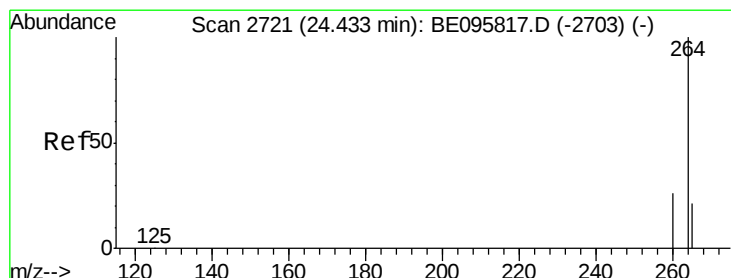
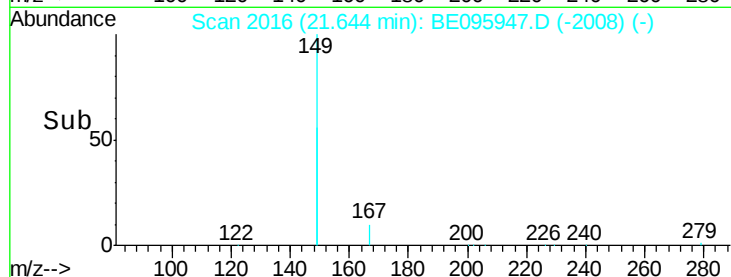
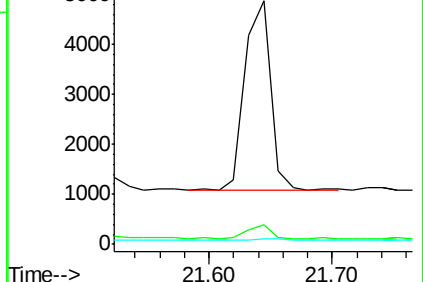
279 1.0 0.7 1.1



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

Perylene-d12

Concen: 0.400 ng

RT: 24.42 min Scan# 2717

Delta R.T. -0.01 min

Lab File: BE095947.D

Acq: 4 Apr 2018 15:01

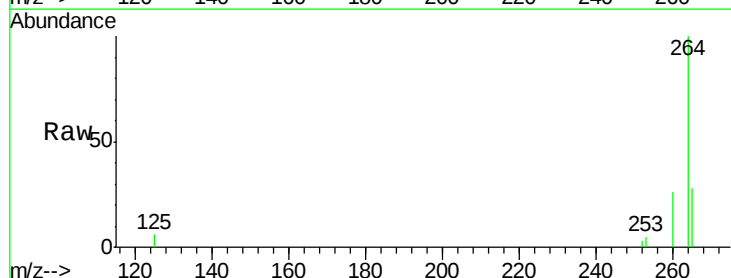
Tgt Ion:264 Resp: 6999

Ion Ratio Lower Upper

264 100

260 26.3 20.5 30.7

265 28.1 22.8 34.2



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

