

Data Path : Z:\HPCHEM1\BNA E\DATA\BE032618\
 Data File : BE095859.D
 Acq On : 27 Mar 2018 3:31
 Operator : SJ/JU
 Sample : J1994-11
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Mar 27 05:45:38 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

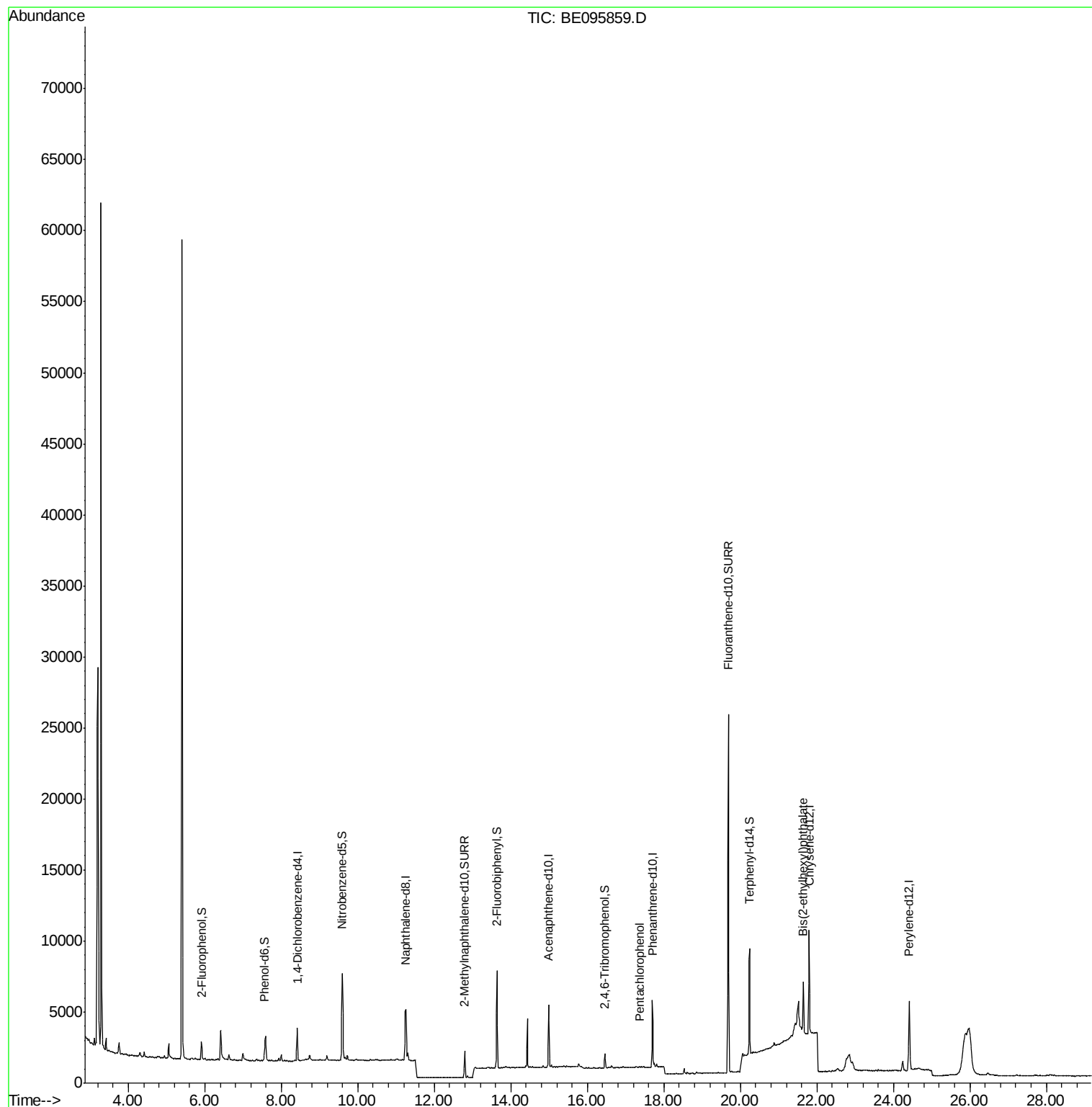
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.42	152	1150	0.40	ng	0.00
7) Naphthalene-d8	11.26	136	4420	0.40	ng	0.00
13) Acenaphthene-d10	14.99	164	2521	0.40	ng	-0.01
19) Phenanthrene-d10	17.70	188	6215	0.40	ng	-0.01
27) Chrysene-d12	21.79	240	7217	0.40	ng	-0.01
34) Perylene-d12	24.42	264	7110	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.91	112	638	0.17	ng	0.00
5) Phenol-d6	7.56	99	582	0.11	ng	0.00
8) Nitrobenzene-d5	9.59	82	2305	0.44	ng	0.00
11) 2-Methylnaphthalene-d10	12.79	152	2584	0.35	ng	0.00
14) 2,4,6-Tribromophenol	16.46	330	561	0.39	ng	-0.01
15) 2-Fluorobiphenyl	13.63	172	5804	0.55	ng	-0.01
25) Fluoranthene-d10	19.68	212	32284	0.35	ng	0.00
29) Terphenyl-d14	20.24	244	8116	0.53	ng	0.00
Target Compounds						
22) Pentachlorophenol	17.36	266	40	0.159	ng	Qvalue 96
32) Bis(2-ethylhexyl)phthalate	21.65	149	5496	0.072	ng	# 99

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

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QLast Update : Fri Mar 23 12:41:11 2018
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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: BE095859.D

Acq: 27 Mar 2018 3:31

Instrument :

BNA_E

ClientSampled :

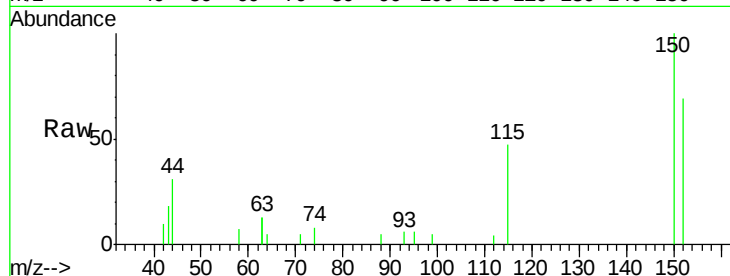
Tot Ion:152 Resp: 1150

Ion Ratio Lower Upper

152 100

150 144.8 117.2 175.8

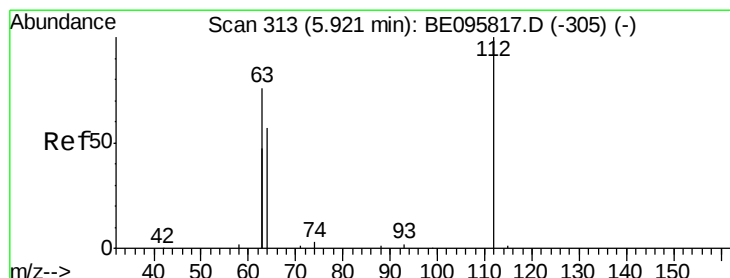
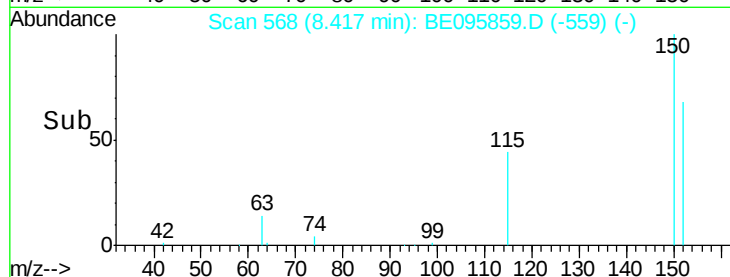
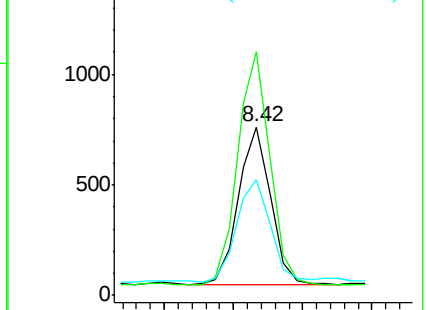
115 68.5 57.0 85.6



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: 0.168 ng

RT: 5.91 min Scan# 312

Delta R.T. -0.01 min

Lab File: BE095859.D

Acq: 27 Mar 2018 3:31

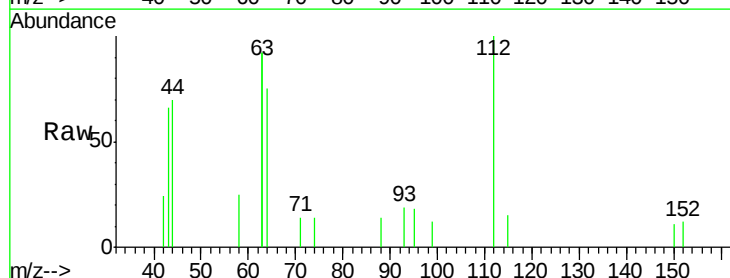
Tgt Ion:112 Resp: 638

Ion Ratio Lower Upper

112 100

64 73.0 60.1 90.1

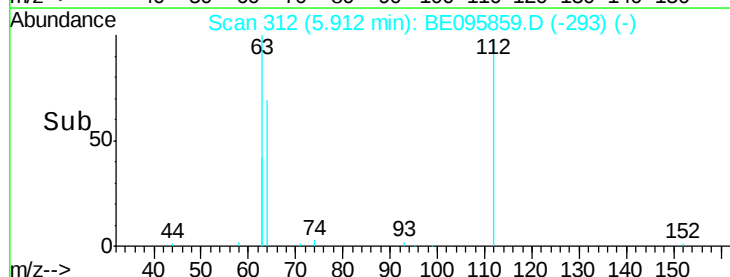
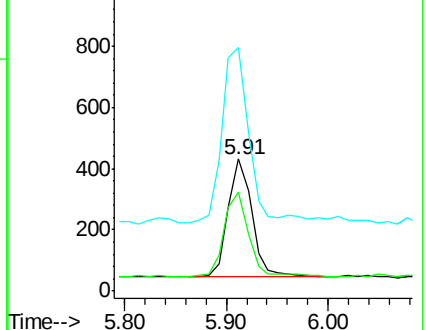
63 162.5 116.8 175.2

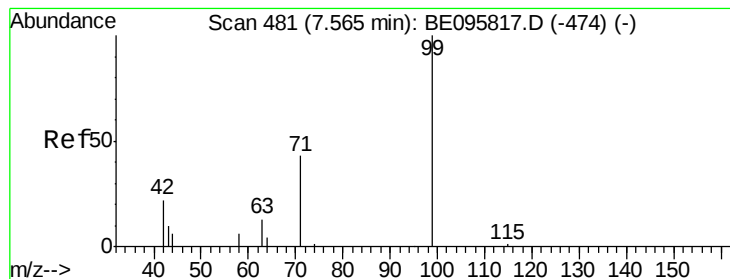


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.112 ng

RT: 7.56 min Scan# 480

Delta R.T. -0.01 min

Lab File: BE095859.D

Acq: 27 Mar 2018 3:31

Instrument :

BNA_E

ClientSampleId :

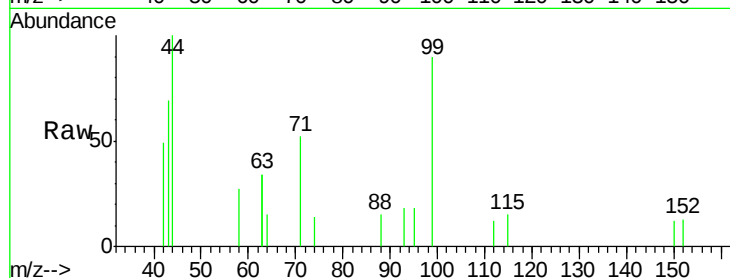
Tot Ion: 99 Resp: 582

Ion Ratio Lower Upper

99 100

42 44.0 20.2 30.2#

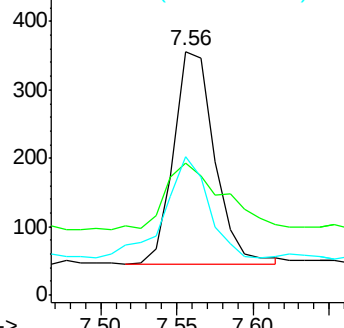
71 51.4 28.4 42.6#



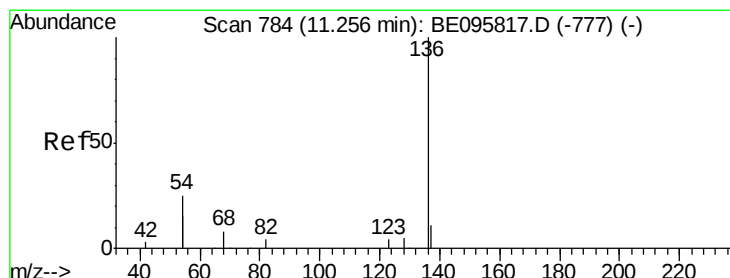
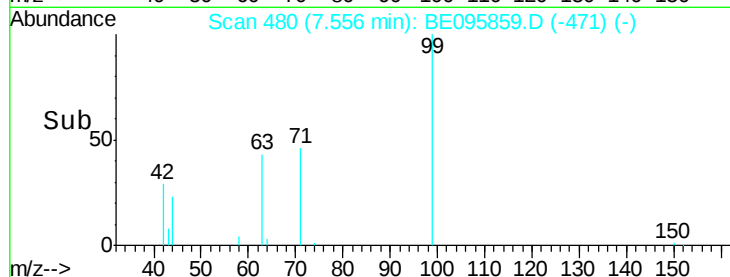
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 11.26 min Scan# 784

Delta R.T. 0.00 min

Lab File: BE095859.D

Acq: 27 Mar 2018 3:31

Tgt Ion: 136 Resp: 4420

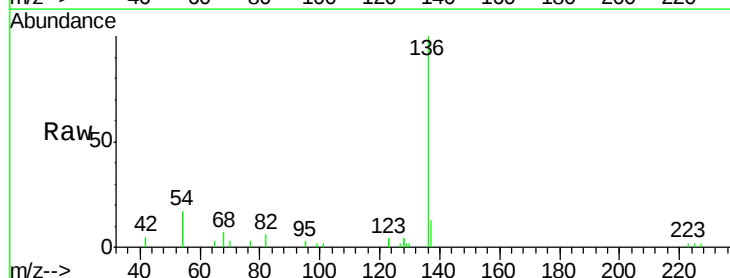
Ion Ratio Lower Upper

136 100

137 12.9 9.5 14.3

54 33.4 29.1 43.7

68 6.6 6.2 9.2

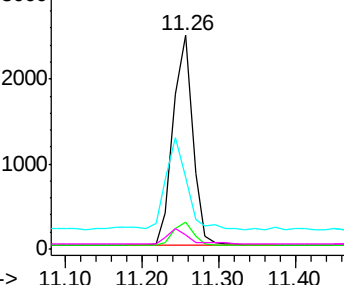


Abundance Ion 136.00 (135.70 to 136.70): E

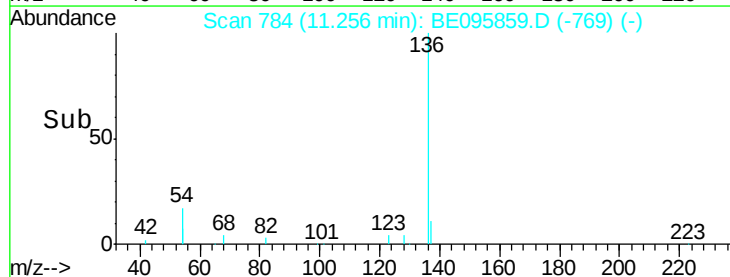
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



Time-->





#8

Nitrobenzene-d5

Concen: 0.441 ng

RT: 9.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: BE095859.D

Acq: 27 Mar 2018 3:31

Instrument :

BNA_E

ClientSampleId :

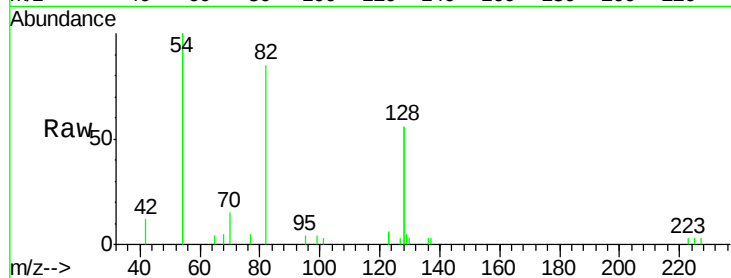
Tot Ion: 82 Resp: 2305

Ion Ratio Lower Upper

82 100

128 131.0 150.0 225.0#

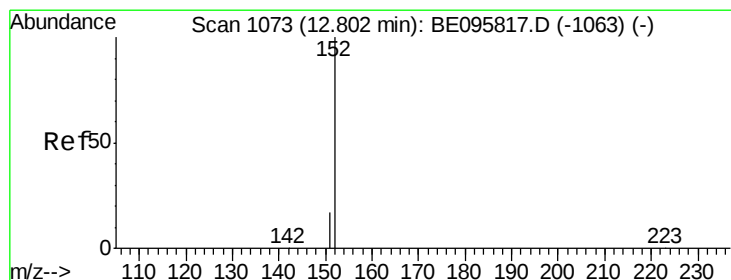
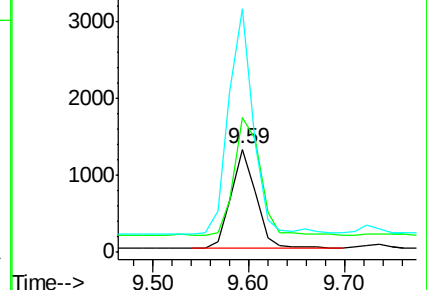
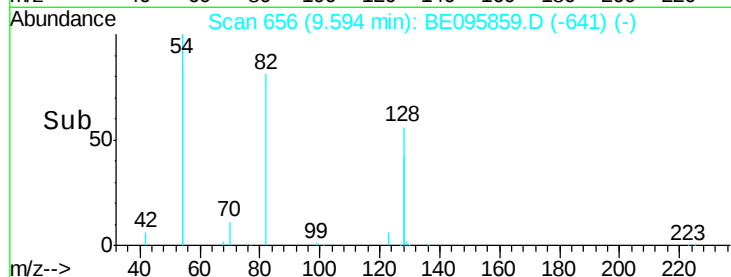
54 235.6 154.2 231.4#



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: 0.350 ng

RT: 12.79 min Scan# 1071

Delta R.T. -0.01 min

Lab File: BE095859.D

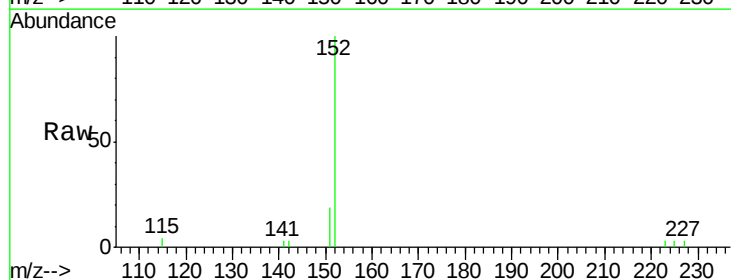
Acq: 27 Mar 2018 3:31

Tgt Ion: 152 Resp: 2584

Ion Ratio Lower Upper

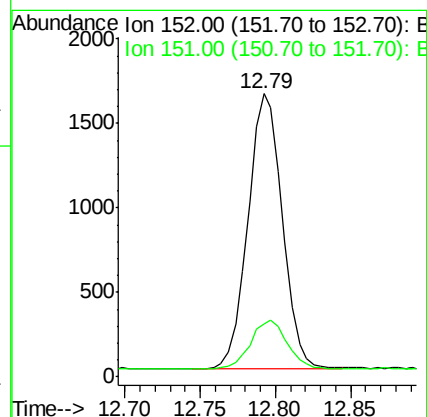
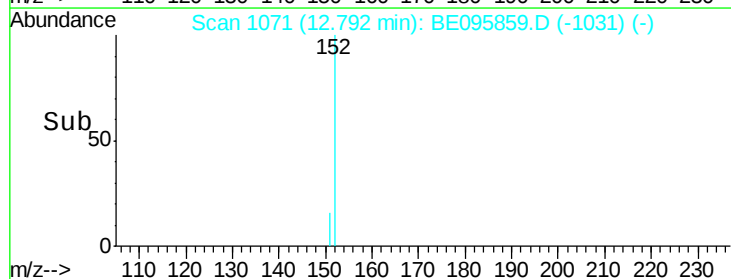
152 100

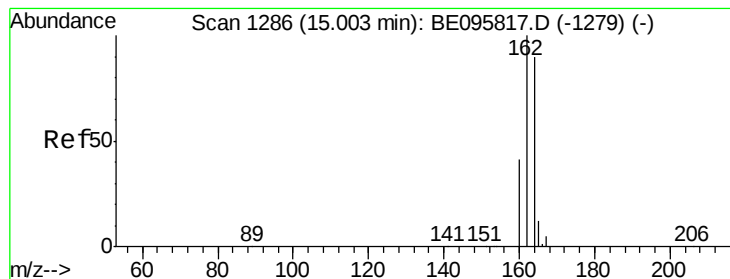
151 18.6 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): BE0

Ion 151.00 (150.70 to 151.70): BE0





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.99 min Scan# 1285

Delta R.T. -0.01 min

Lab File: BE095859.D

Acq: 27 Mar 2018 3:31

Instrument :

BNA_E

ClientSampleId :

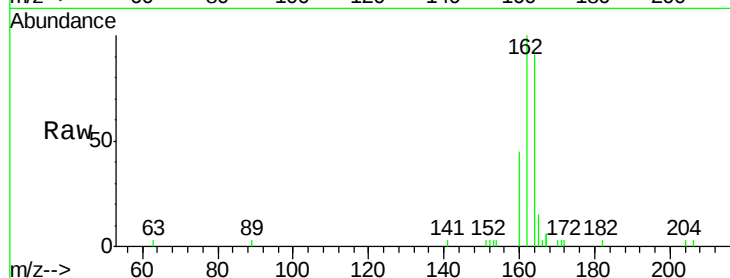
Tot Ion:164 Resp: 2521

Ion Ratio Lower Upper

164 100

162 109.6 83.1 124.7

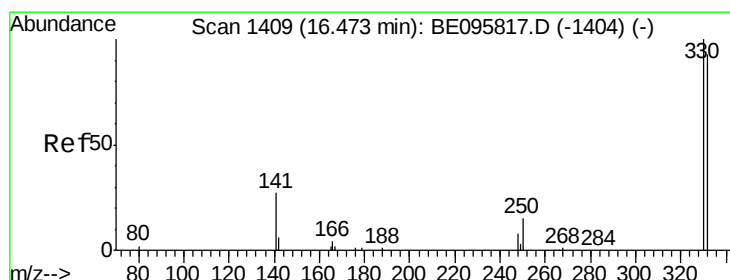
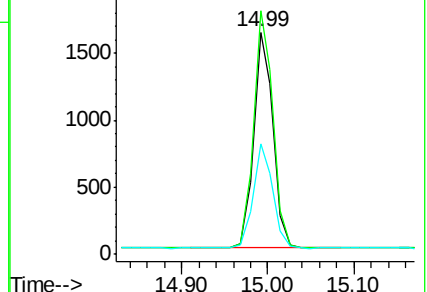
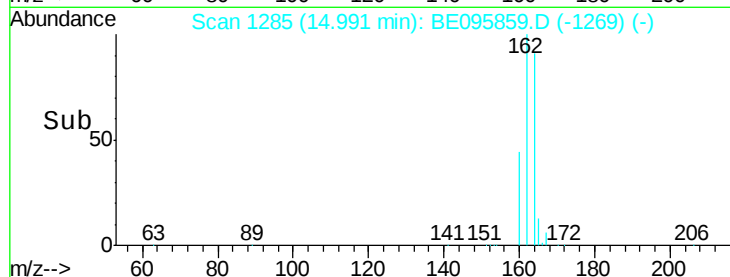
160 49.7 37.1 55.7



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: 0.386 ng

RT: 16.46 min Scan# 1408

Delta R.T. -0.01 min

Lab File: BE095859.D

Acq: 27 Mar 2018 3:31

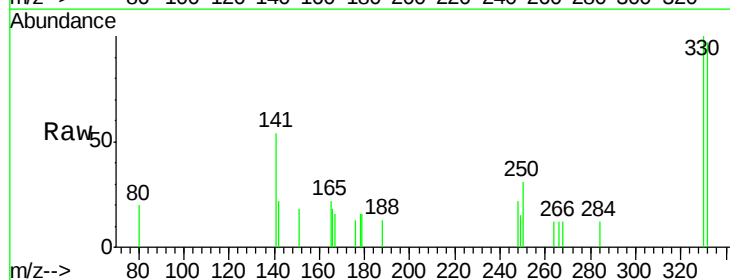
Tgt Ion:330 Resp: 561

Ion Ratio Lower Upper

330 100

332 96.1 152.7 229.1#

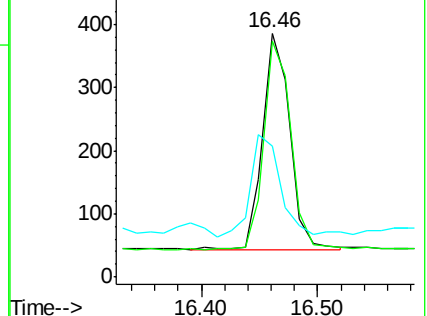
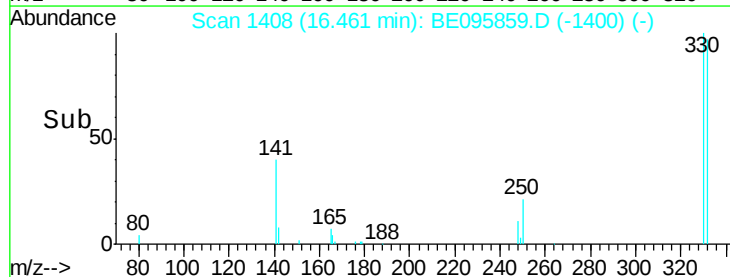
141 52.9 33.7 50.5#

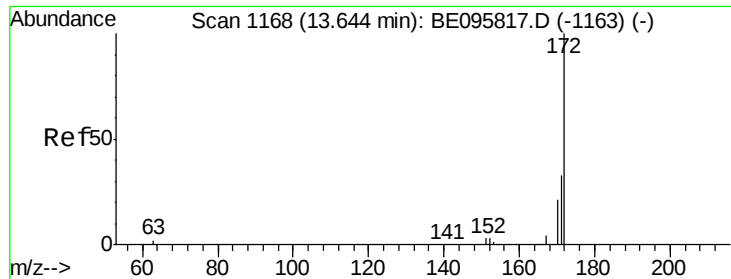


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

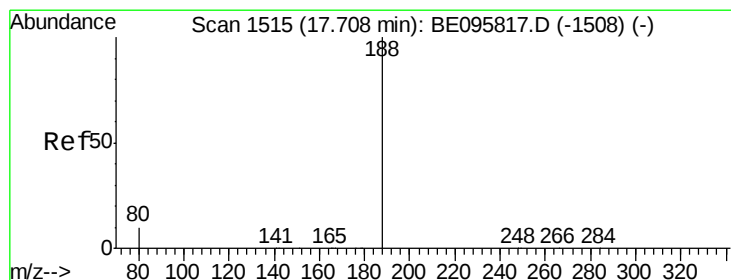
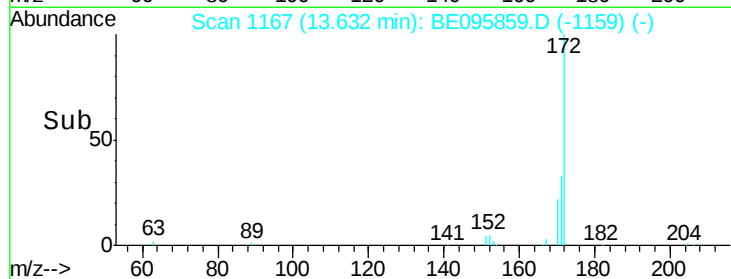
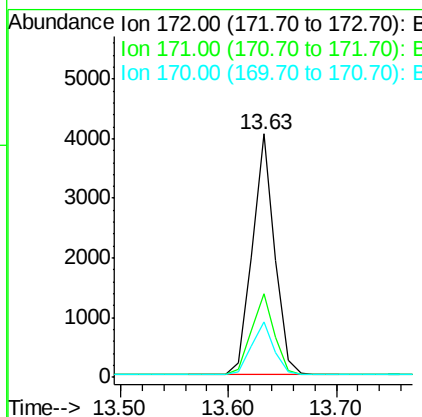
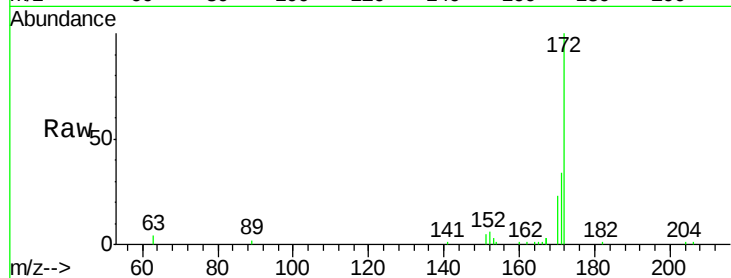




#15
2-Fluorobiphenyl
Concen: 0.546 ng
RT: 13.63 min Scan# 1167
Delta R.T. -0.01 min
Lab File: BE095859.D
Acq: 27 Mar 2018 3:31

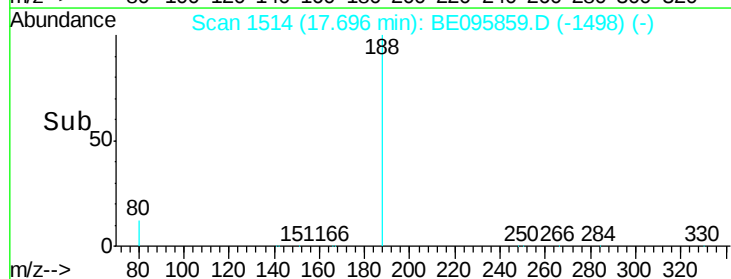
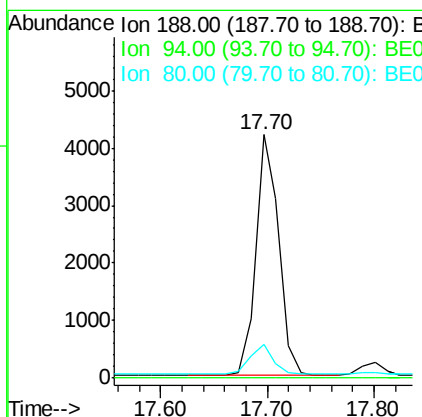
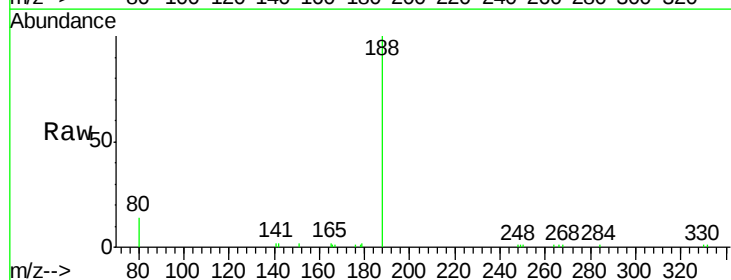
Instrument :
BNA_E
ClientSampled :

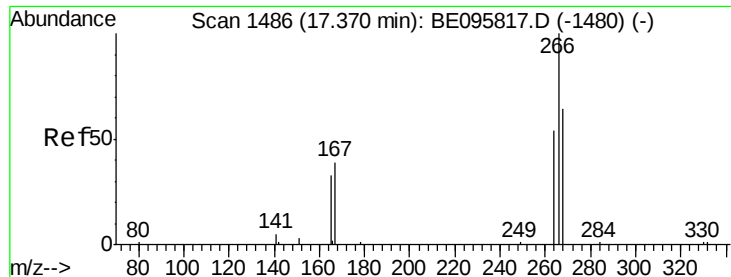
Tot Ion:172 Resp: 5804
Ion Ratio Lower Upper
172 100
171 34.2 29.9 44.9
170 22.7 21.8 32.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.70 min Scan# 1514
Delta R.T. -0.01 min
Lab File: BE095859.D
Acq: 27 Mar 2018 3:31

Tgt Ion:188 Resp: 6215
Ion Ratio Lower Upper
188 100
94 0.0 3.9 5.9#
80 13.6 3.6 5.4#

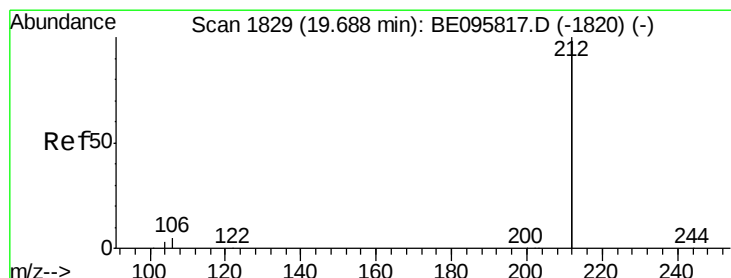
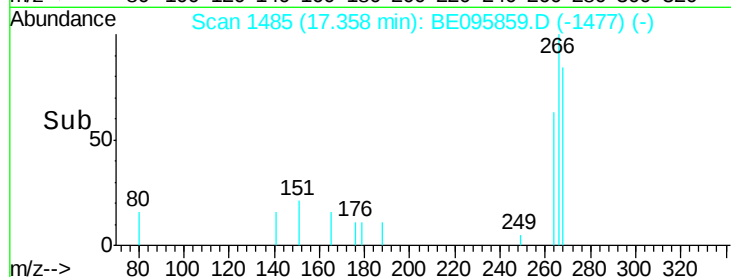
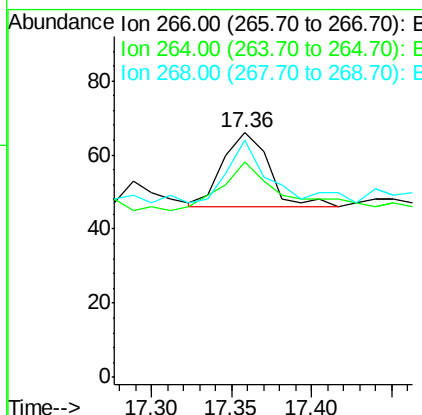
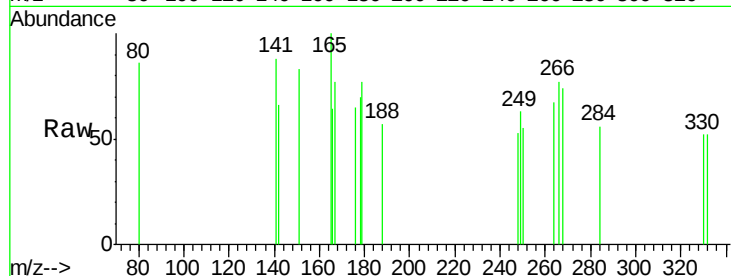




#22
 Pentachlorophenol
 Concen: 0.159 ng
 RT: 17.36 min Scan# 1485
 Delta R.T. -0.01 min
 Lab File: BE095859.D
 Acq: 27 Mar 2018 3:31

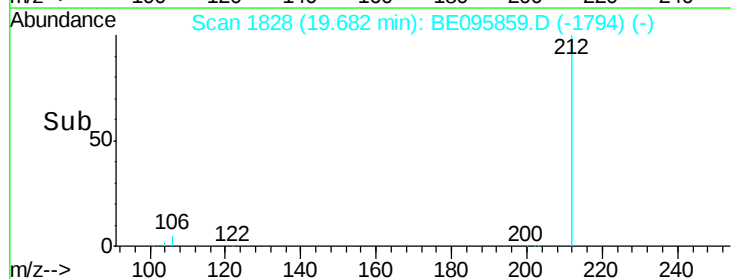
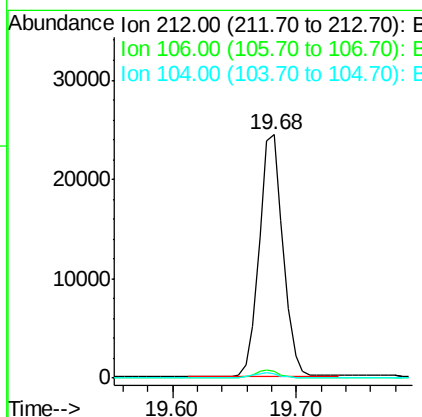
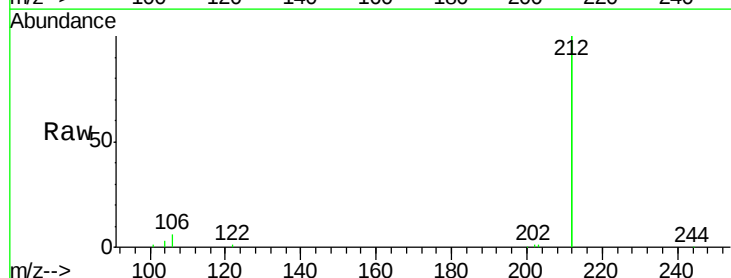
Instrument :
 BNA_E
 ClientSampleId :

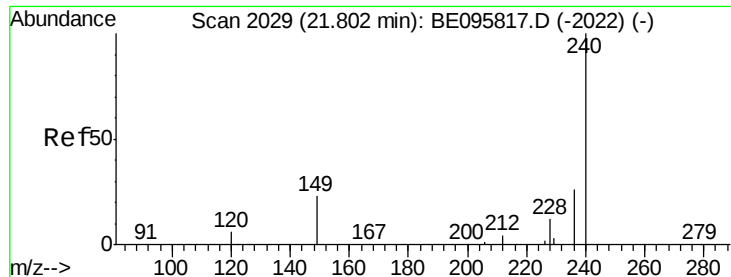
Tot Ion:266 Resp: 40
 Ion Ratio Lower Upper
 266 100
 264 87.9 72.5 108.7
 268 97.0 73.8 110.6



#25
 Fluoranthene-d10
 Concen: 0.350 ng
 RT: 19.68 min Scan# 1828
 Delta R.T. -0.01 min
 Lab File: BE095859.D
 Acq: 27 Mar 2018 3:31

Tgt Ion:212 Resp: 32284
 Ion Ratio Lower Upper
 212 100
 106 3.0 2.8 4.2
 104 1.7 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: BE095859.D

Acq: 27 Mar 2018 3:31

Instrument :

BNA_E

ClientSampleId :

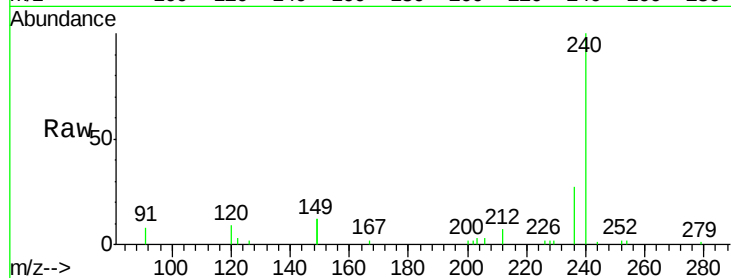
Tot Ion:240 Resp: 7217

Ion Ratio Lower Upper

240 100

120 9.0 5.5 8.3#

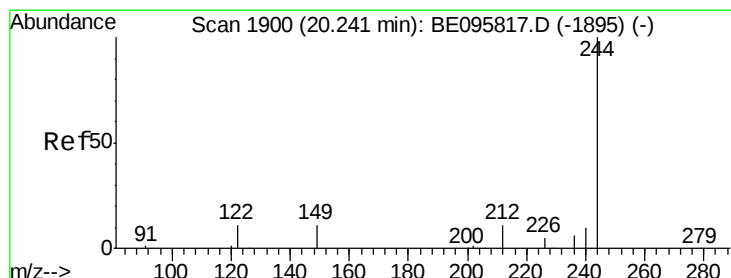
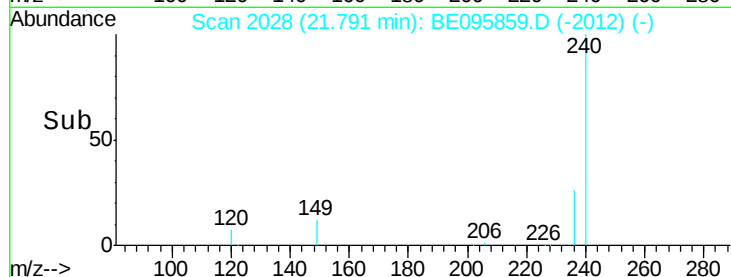
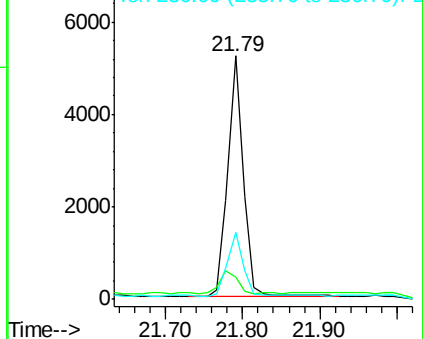
236 27.5 20.7 31.1



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: 0.530 ng

RT: 20.24 min Scan# 1900

Delta R.T. 0.00 min

Lab File: BE095859.D

Acq: 27 Mar 2018 3:31

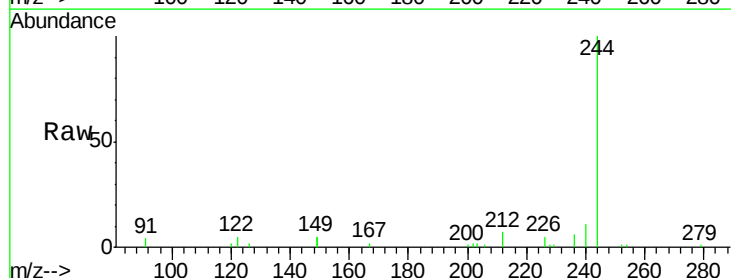
Tgt Ion:244 Resp: 8116

Ion Ratio Lower Upper

244 100

212 7.0 25.4 38.0#

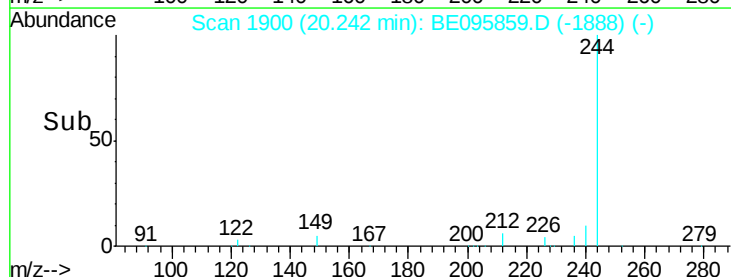
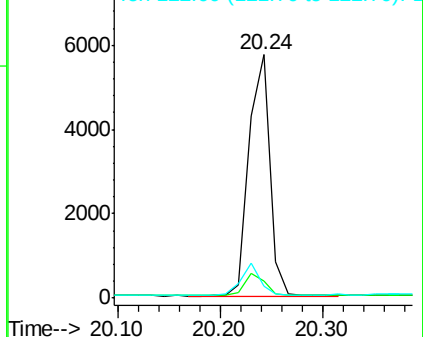
122 4.8 8.1 12.1#

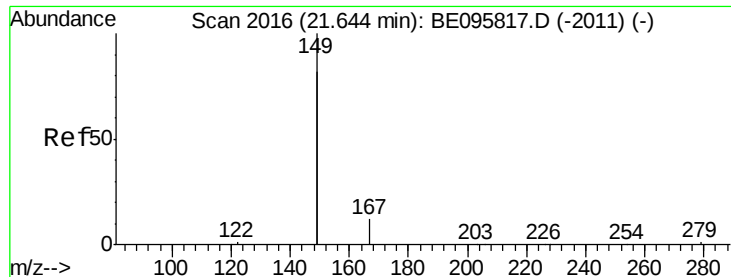


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.072 ng

RT: 21.65 min Scan# 2016

Delta R.T. 0.00 min

Lab File: BE095859.D

Acq: 27 Mar 2018 3:31

Instrument :

BNA_E

ClientSampleId :

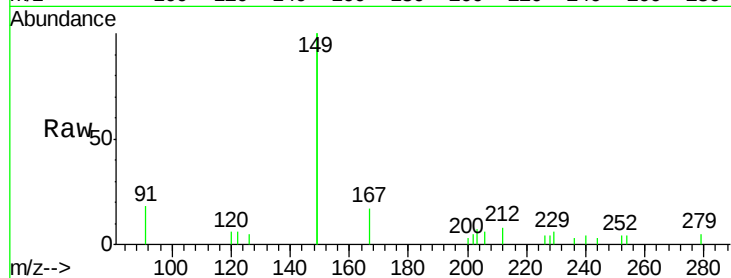
Tot Ion:149 Resp: 5496

Ion Ratio Lower Upper

149 100

167 7.2 5.4 8.0

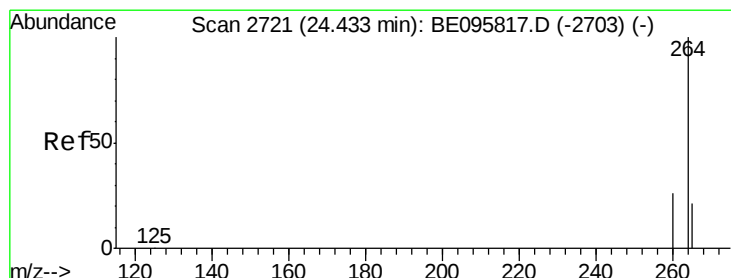
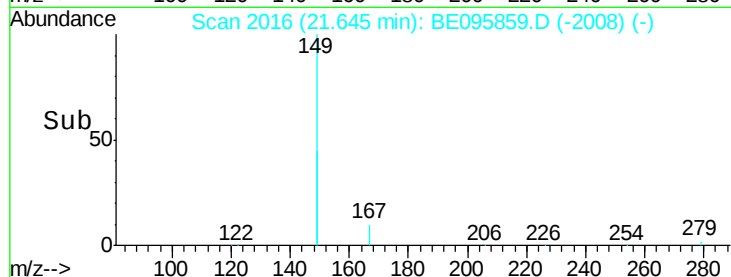
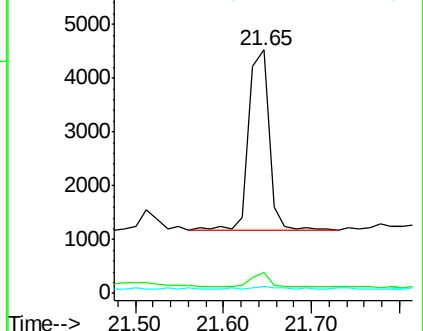
279 1.5 0.7 1.1#



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# 2716

Delta R.T. -0.02 min

Lab File: BE095859.D

Acq: 27 Mar 2018 3:31

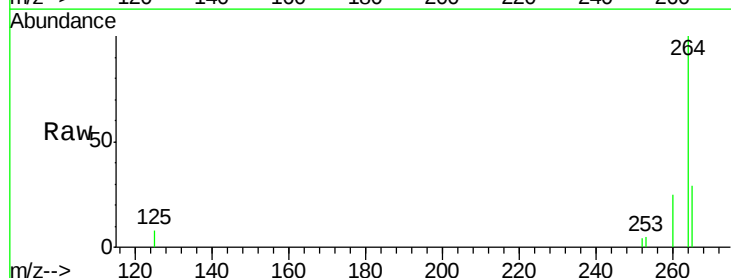
Tgt Ion:264 Resp: 7110

Ion Ratio Lower Upper

264 100

260 25.3 20.5 30.7

265 29.4 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

