

Data Path : Z:\HPCHEM1\BNA E\DATA\BE040218\
 Data File : BE095932.D
 Acq On : 2 Apr 2018 17:54
 Operator : SJ/JU
 Sample : J2136-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Apr 03 03:51:49 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

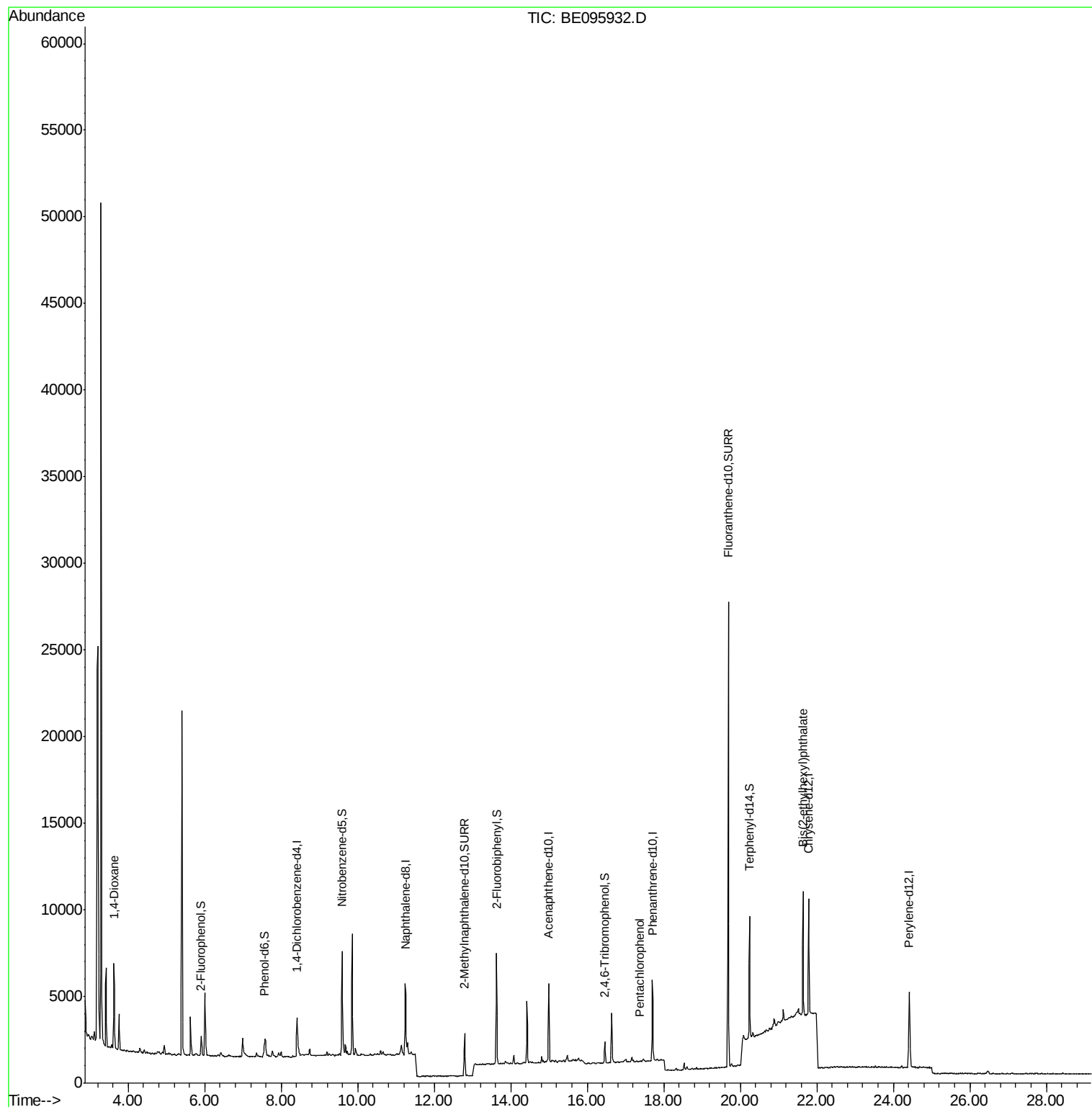
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.41	152	1151	0.40	ng	-0.02
7) Naphthalene-d8	11.26	136	4757	0.40	ng	0.00
13) Acenaphthene-d10	14.99	164	2738	0.40	ng	-0.01
19) Phenanthrene-d10	17.70	188	6401	0.40	ng	-0.01
27) Chrysene-d12	21.79	240	6740	0.40	ng	-0.01
34) Perylene-d12	24.42	264	6611	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.92	112	565	0.15	ng	0.00
5) Phenol-d6	7.56	99	460	0.09	ng	0.00
8) Nitrobenzene-d5	9.59	82	2302	0.41	ng	0.00
11) 2-Methylnaphthalene-d10	12.79	152	3259	0.41	ng	-0.01
14) 2,4,6-Tribromophenol	16.46	330	622	0.39	ng	-0.01
15) 2-Fluorobiphenyl	13.63	172	5395	0.47	ng	-0.01
25) Fluoranthene-d10	19.68	212	35396	0.37	ng	0.00
29) Terphenyl-d14	20.24	244	6655	0.46	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.63	88	2889	1.533	ng	Qvalue # 89
22) Pentachlorophenol	17.36	266	20	0.145	ng	99
32) Bis(2-ethylhexyl)phthalate	21.64	149	8418	0.118	ng	98

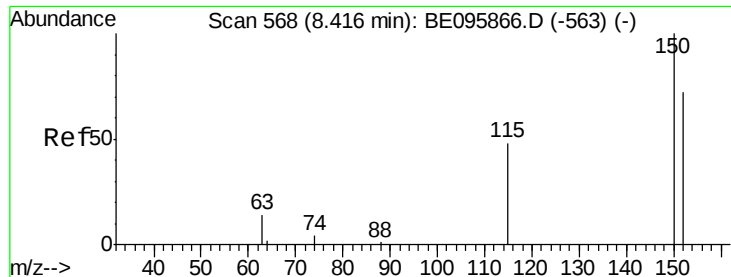
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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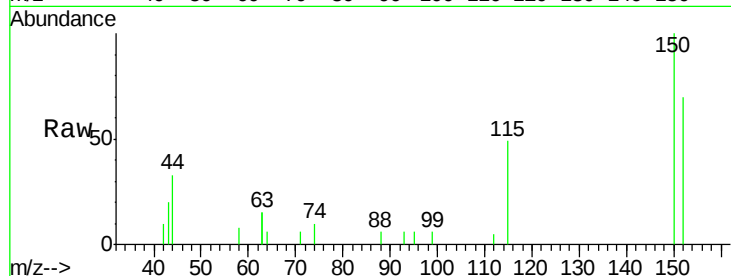


#1

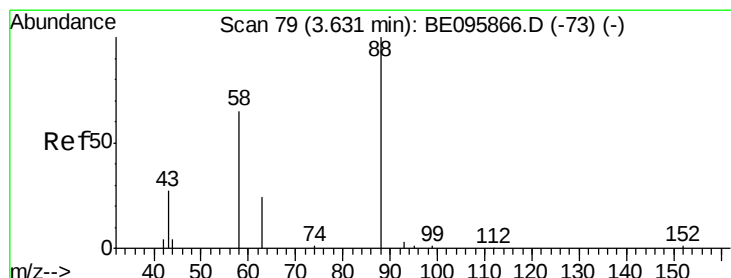
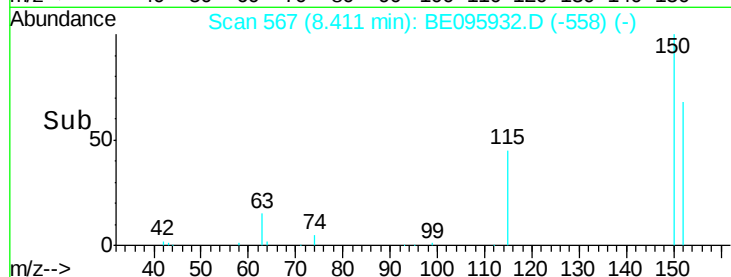
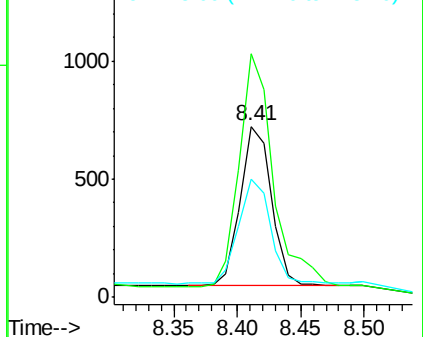
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.41 min Scan# 567
Delta R.T. -0.02 min
Lab File: BE095932.D
Acq: 2 Apr 2018 17:54

Instrument :
BNA_E
ClientSampled :

Tot Ion:152 Resp: 1151
Ion Ratio Lower Upper
152 100
150 142.2 117.2 175.8
115 69.2 57.0 85.6



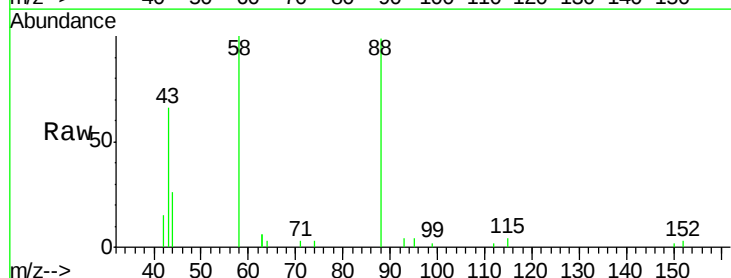
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



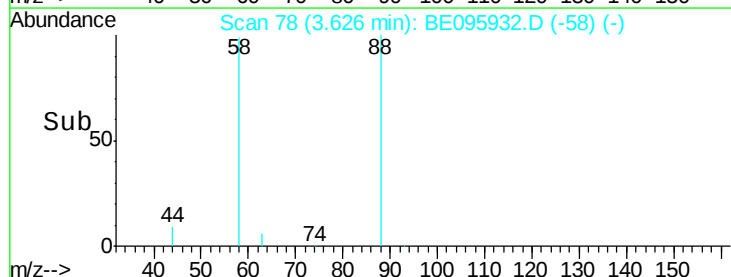
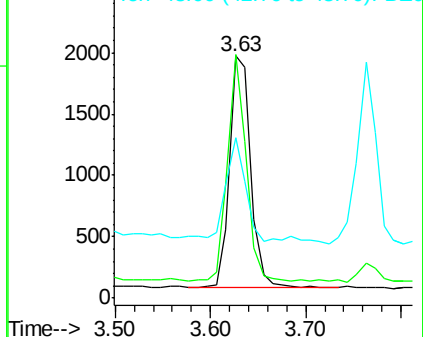
#2

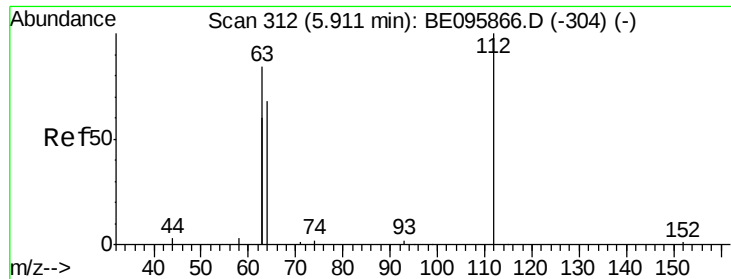
1,4-Dioxane
Concen: 1.533 ng
RT: 3.63 min Scan# 78
Delta R.T. -0.01 min
Lab File: BE095932.D
Acq: 2 Apr 2018 17:54

Tgt Ion: 88 Resp: 2889
Ion Ratio Lower Upper
88 100
58 84.6 63.2 94.8
43 39.3 41.2 61.8#



Abundance Ion 88.00 (87.70 to 88.70): BE0
Ion 58.00 (57.70 to 58.70): BE0
Ion 43.00 (42.70 to 43.70): BE0





#4

2-Fluorophenol

Concen: 0.149 ng

RT: 5.92 min Scan# 312

Delta R.T. -0.01 min

Lab File: BE095932.D

Acq: 2 Apr 2018 17:54

Instrument :

BNA_E

ClientSampled :

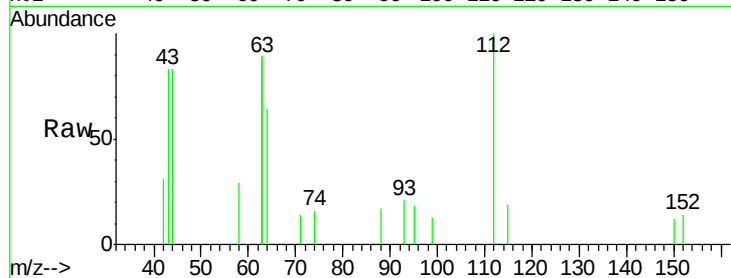
Tot Ion: 112 Resp: 565

Ion Ratio Lower Upper

112 100

64 75.8 60.1 90.1

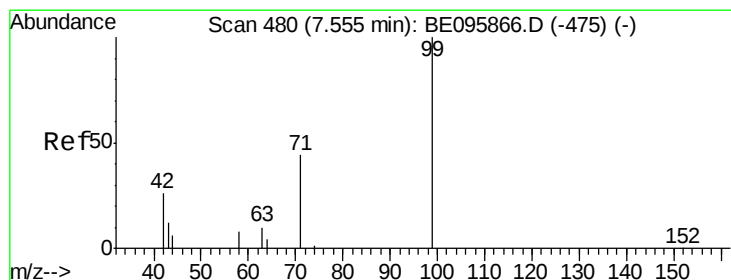
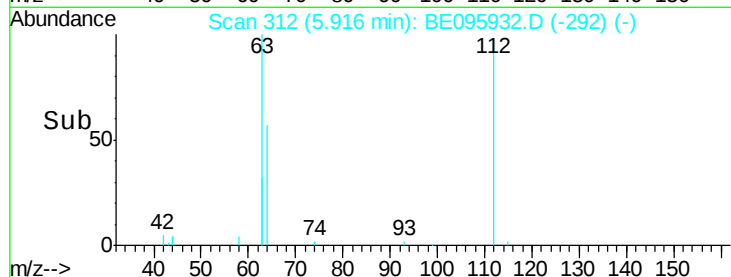
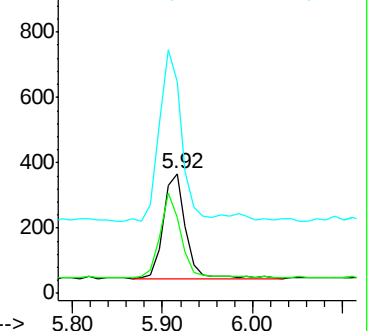
63 161.2 116.8 175.2



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: 0.088 ng

RT: 7.56 min Scan# 480

Delta R.T. -0.01 min

Lab File: BE095932.D

Acq: 2 Apr 2018 17:54

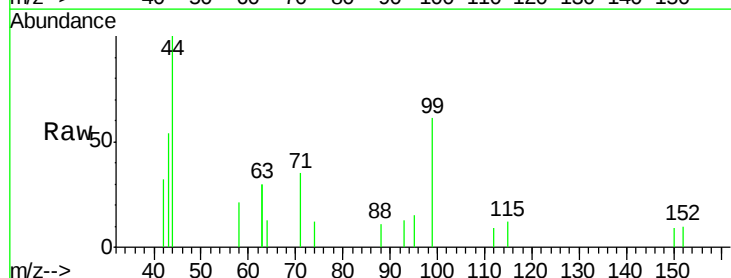
Tgt Ion: 99 Resp: 460

Ion Ratio Lower Upper

99 100

42 53.5 20.2 30.2#

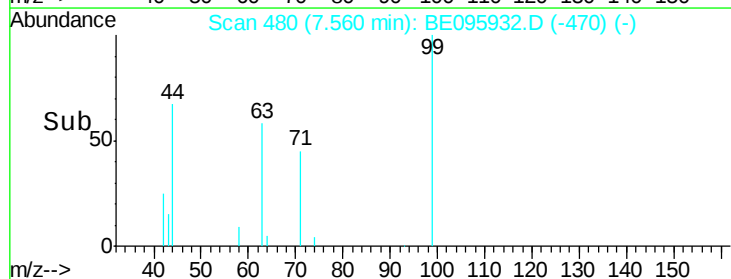
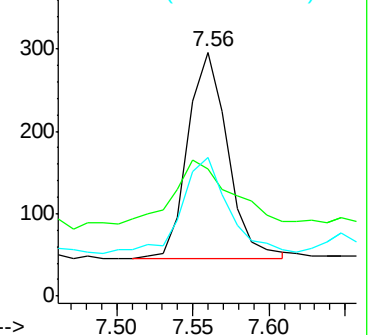
71 53.9 28.4 42.6#

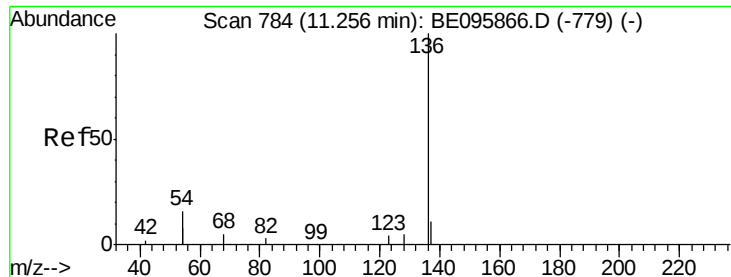


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: BE095932.D

Acq: 2 Apr 2018 17:54

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 4757

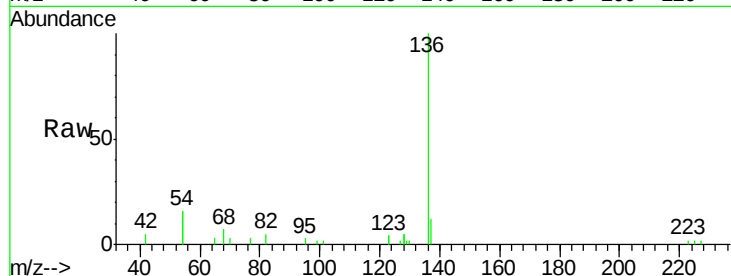
Ion Ratio Lower Upper

136 100

137 12.1 9.5 14.3

54 32.1 29.1 43.7

68 7.1 6.2 9.2

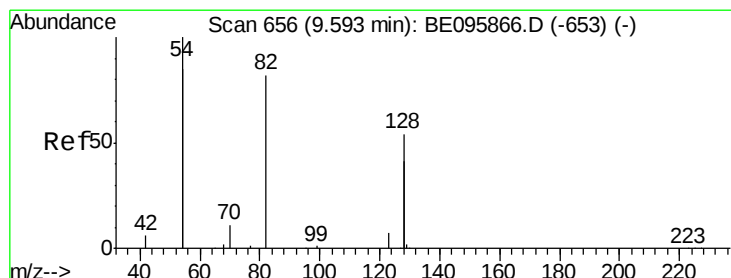
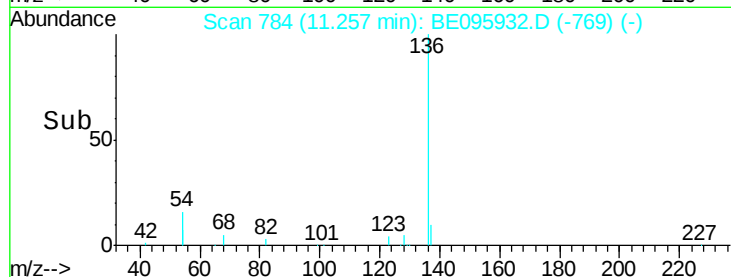
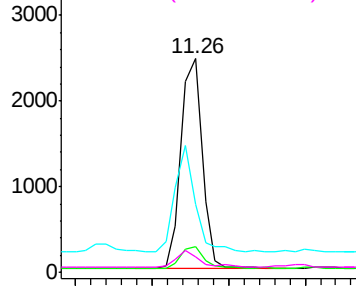


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.410 ng

RT: 9.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: BE095932.D

Acq: 2 Apr 2018 17:54

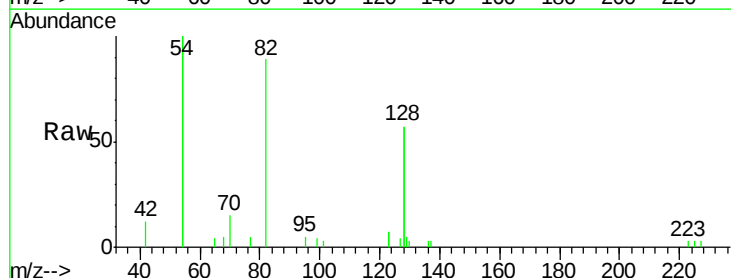
Tgt Ion: 82 Resp: 2302

Ion Ratio Lower Upper

82 100

128 127.7 150.0 225.0#

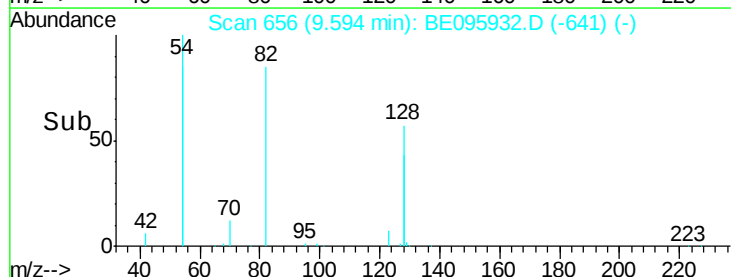
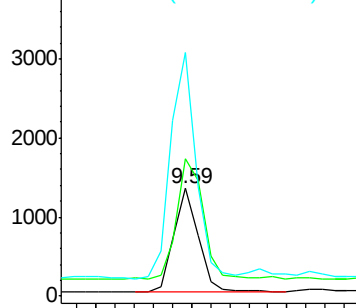
54 225.8 154.2 231.4

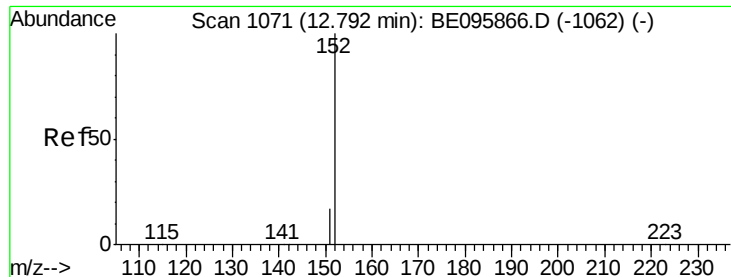


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

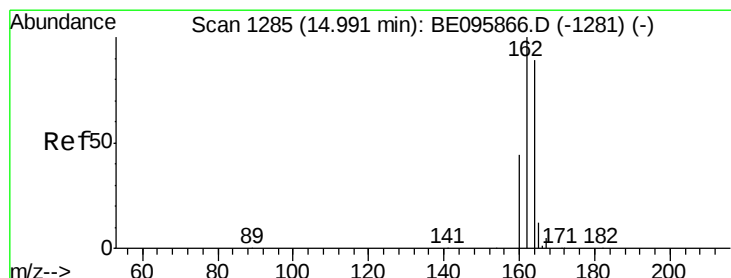
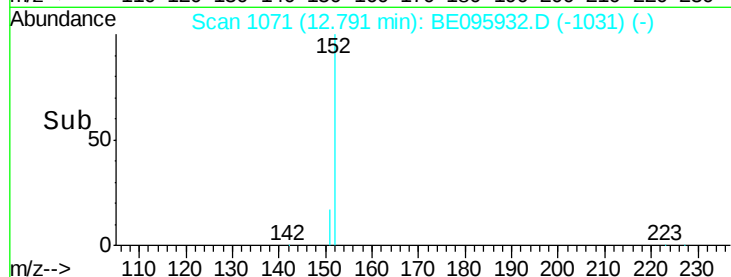
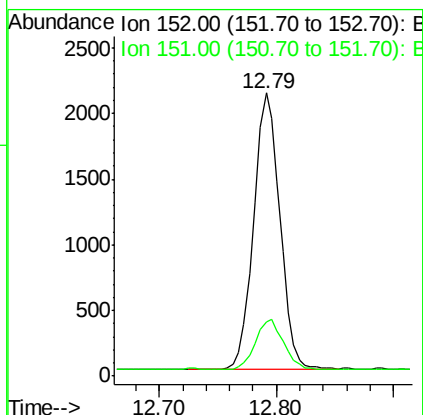
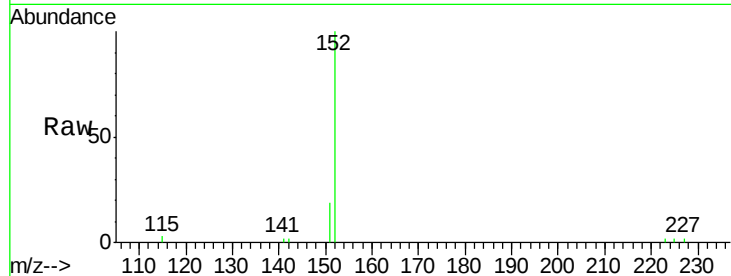




#11
 2-Methylnaphthalene-d10
 Concen: 0.410 ng
 RT: 12.79 min Scan# 1071
 Delta R.T. -0.01 min
 Lab File: BE095932.D
 Acq: 2 Apr 2018 17:54

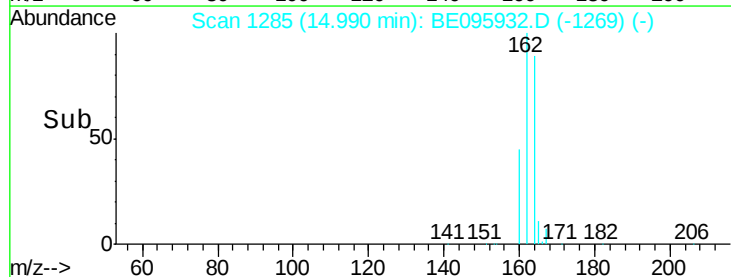
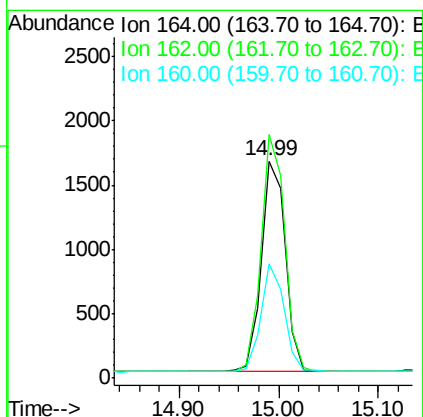
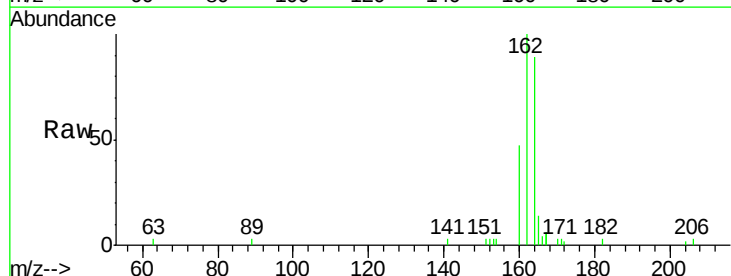
Instrument :
 BNA_E
 ClientSampleID :

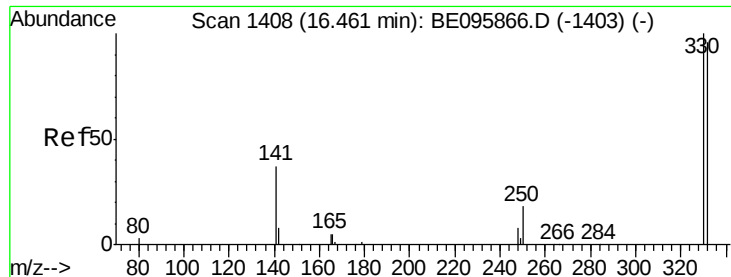
Tot Ion:152 Resp: 3259
 Ion Ratio Lower Upper
 152 100
 151 19.6 15.4 23.0



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.99 min Scan# 1285
 Delta R.T. -0.01 min
 Lab File: BE095932.D
 Acq: 2 Apr 2018 17:54

Tgt Ion:164 Resp: 2738
 Ion Ratio Lower Upper
 164 100
 162 112.2 83.1 124.7
 160 52.7 37.1 55.7

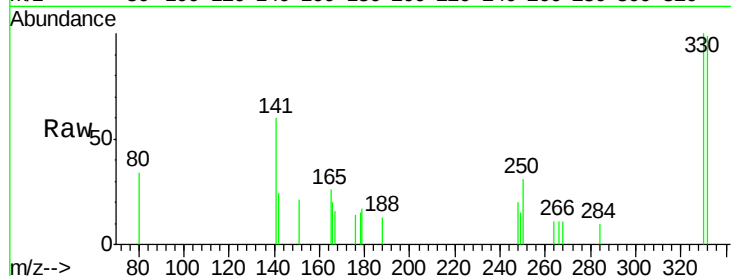




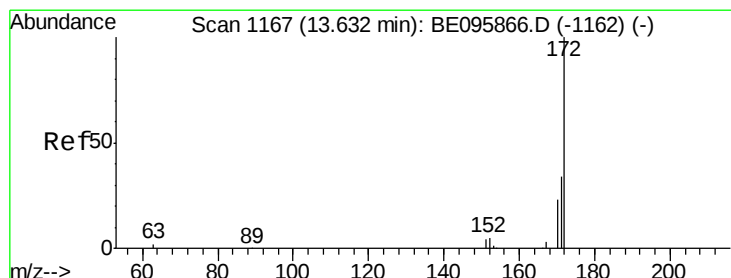
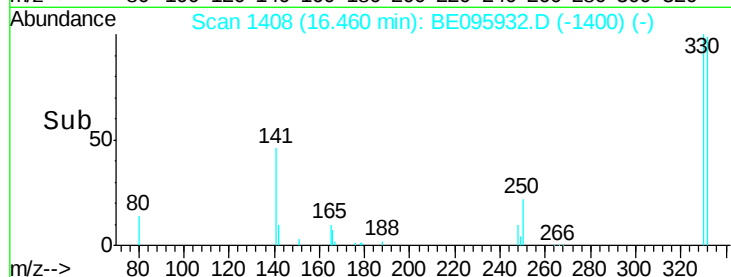
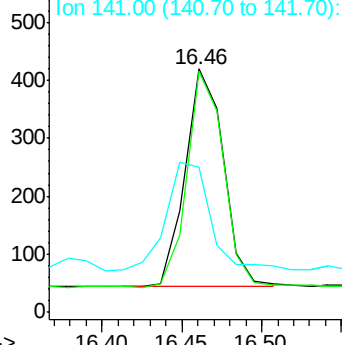
#14
2,4,6-Tribromophenol
Concen: 0.394 ng
RT: 16.46 min Scan# 1408
Delta R.T. -0.01 min
Lab File: BE095932.D
Acq: 2 Apr 2018 17:54

Instrument :
BNA_E
ClientSampled :

Tot Ion:330 Resp: 622
Ion Ratio Lower Upper
330 100
332 95.3 152.7 229.1#
141 57.2 33.7 50.5#

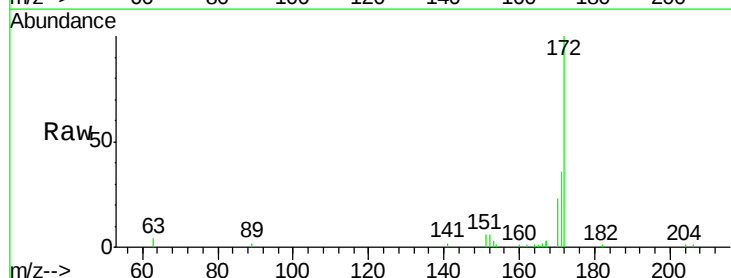


Abundance Ion 330.00 (329.70 to 330.70): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

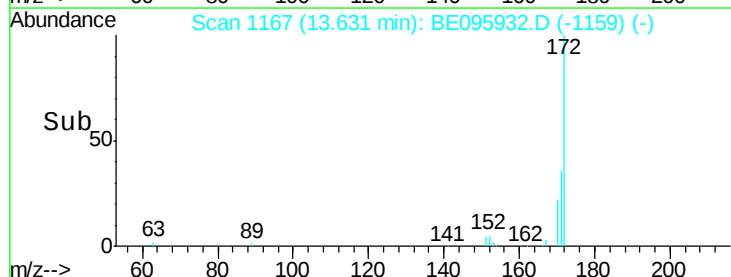
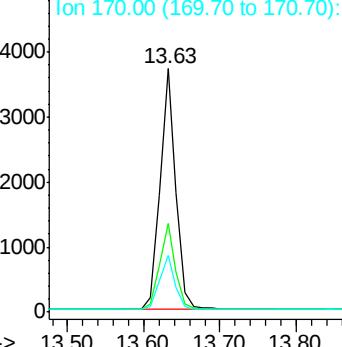


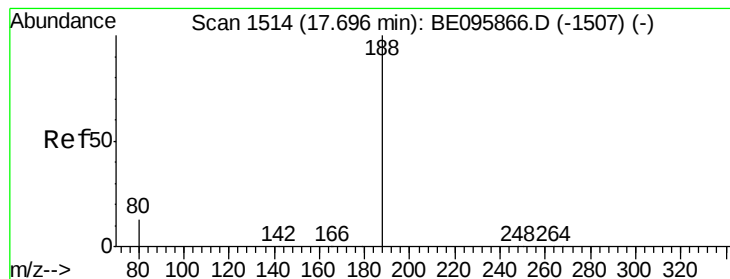
#15
2-Fluorobiphenyl
Concen: 0.468 ng
RT: 13.63 min Scan# 1167
Delta R.T. -0.01 min
Lab File: BE095932.D
Acq: 2 Apr 2018 17:54

Tgt Ion:172 Resp: 5395
Ion Ratio Lower Upper
172 100
171 36.4 29.9 44.9
170 23.3 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: BE095932.D

Acq: 2 Apr 2018 17:54

Instrument :

BNA_E

ClientSampled :

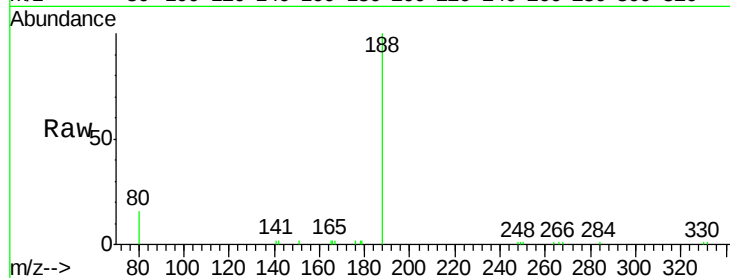
Tot Ion:188 Resp: 6401

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

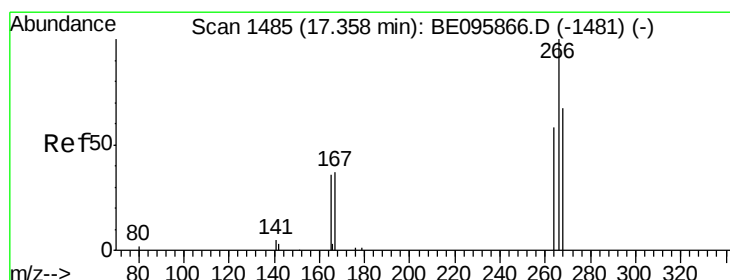
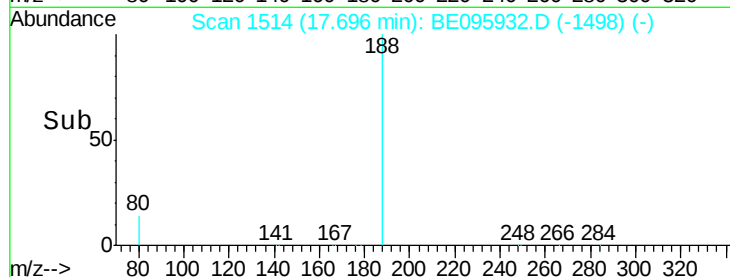
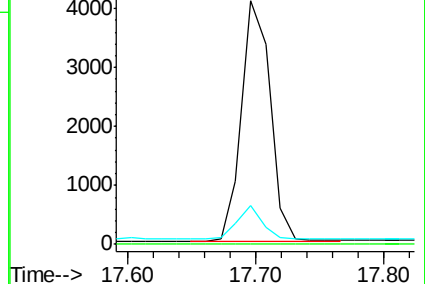
80 16.0 3.6 5.4#



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: 0.145 ng

RT: 17.36 min Scan# 1485

Delta R.T. -0.01 min

Lab File: BE095932.D

Acq: 2 Apr 2018 17:54

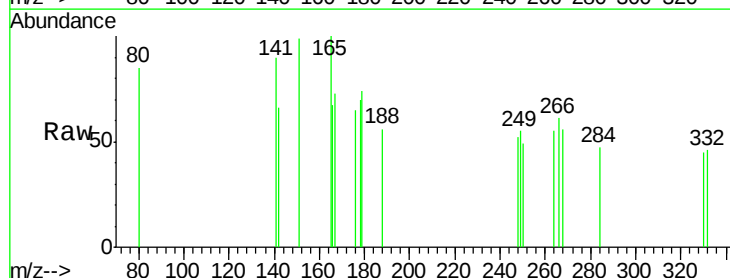
Tgt Ion:266 Resp: 20

Ion Ratio Lower Upper

266 100

264 89.8 72.5 108.7

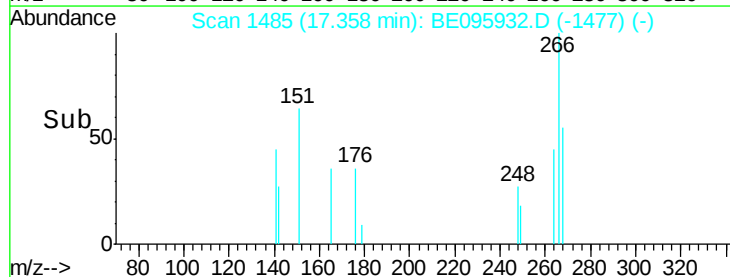
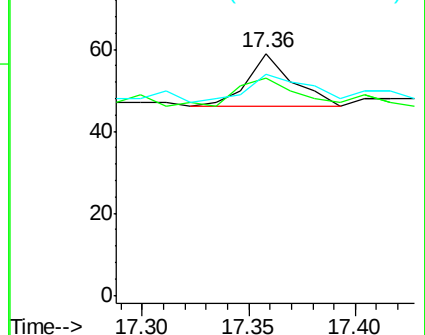
268 91.5 73.8 110.6

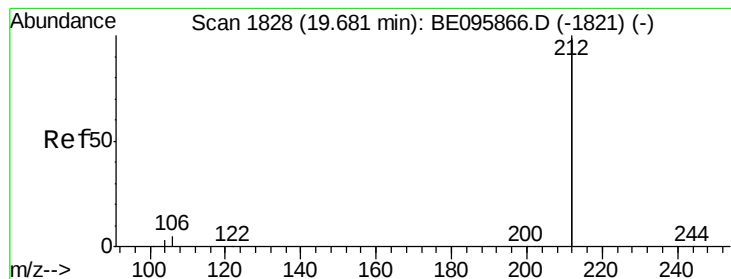


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.372 ng

RT: 19.68 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BE095932.D

Acq: 2 Apr 2018 17:54

Instrument :

BNA_E

ClientSampleId :

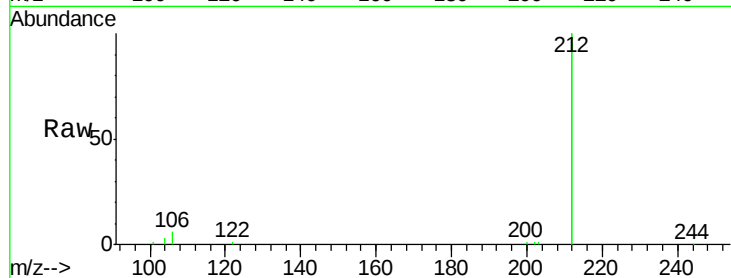
Tot Ion:212 Resp: 35396

Ion Ratio Lower Upper

212 100

106 2.9 2.8 4.2

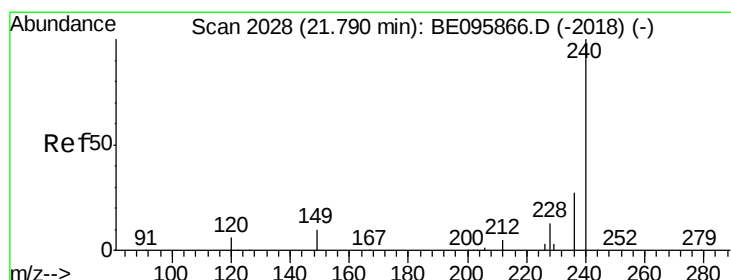
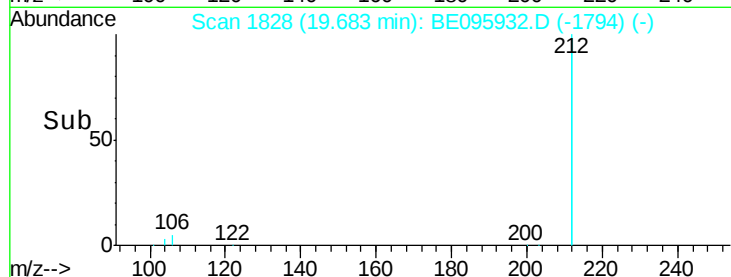
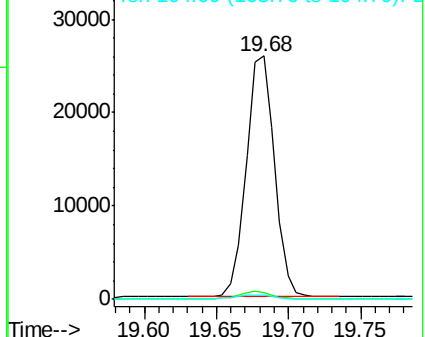
104 1.8 1.6 2.4



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: 21.79 min Scan# 2028

Delta R.T. -0.01 min

Lab File: BE095932.D

Acq: 2 Apr 2018 17:54

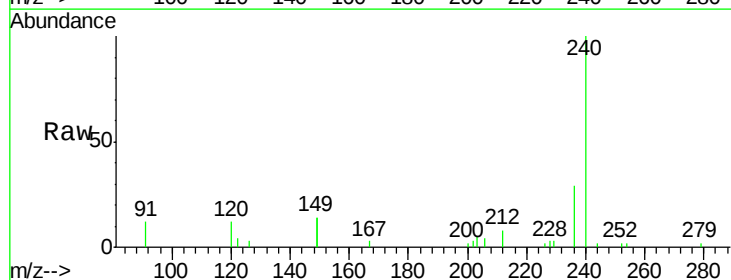
Tgt Ion:240 Resp: 6740

Ion Ratio Lower Upper

240 100

120 12.5 5.5 8.3#

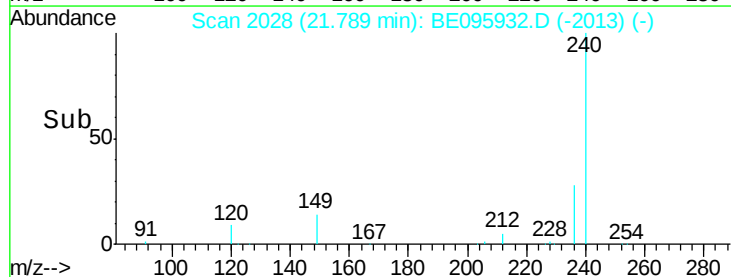
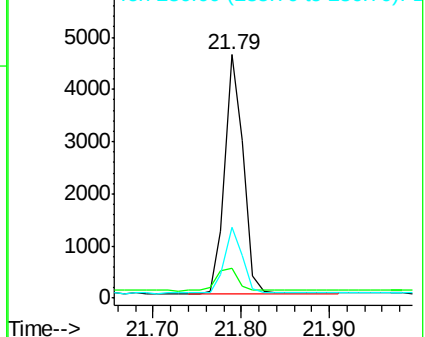
236 29.1 20.7 31.1

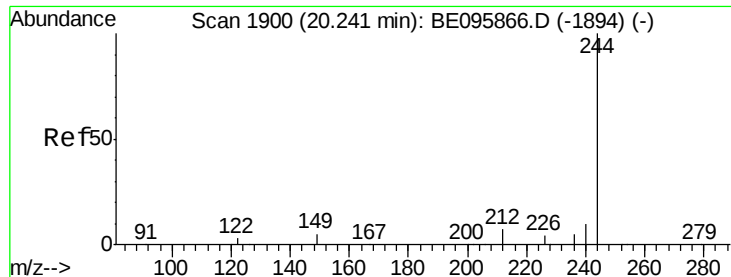


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.465 ng

RT: 20.24 min Scan# 1900

Delta R.T. -0.00 min

Lab File: BE095932.D

Acq: 2 Apr 2018 17:54

Instrument :

BNA_E

ClientSampleId :

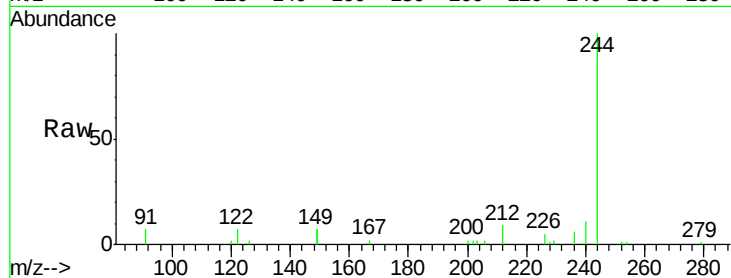
Tot Ion:244 Resp: 6655

Ion Ratio Lower Upper

244 100

212 8.7 25.4 38.0#

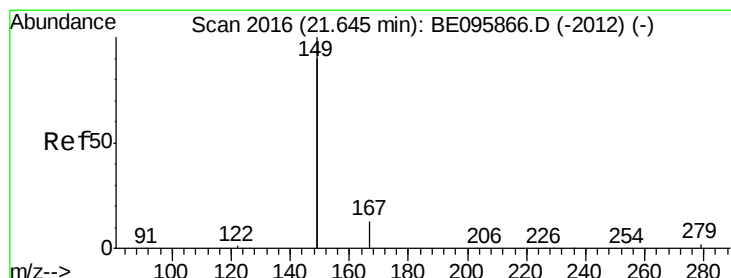
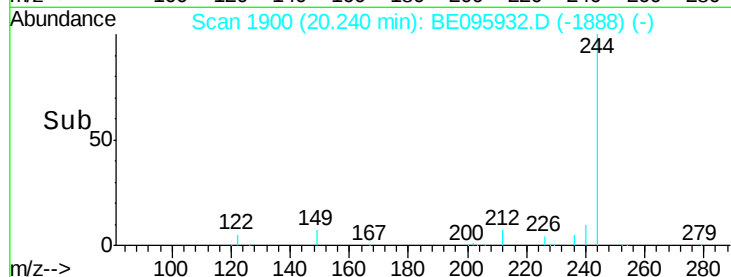
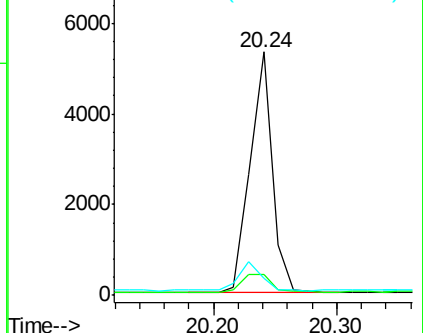
122 7.0 8.1 12.1#



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: 0.118 ng

RT: 21.64 min Scan# 2016

Delta R.T. -0.00 min

Lab File: BE095932.D

Acq: 2 Apr 2018 17:54

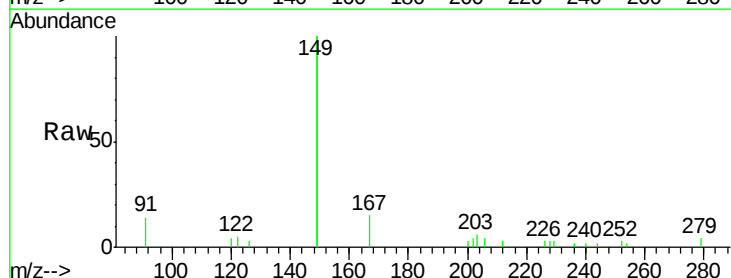
Tgt Ion:149 Resp: 8418

Ion Ratio Lower Upper

149 100

167 6.1 5.4 8.0

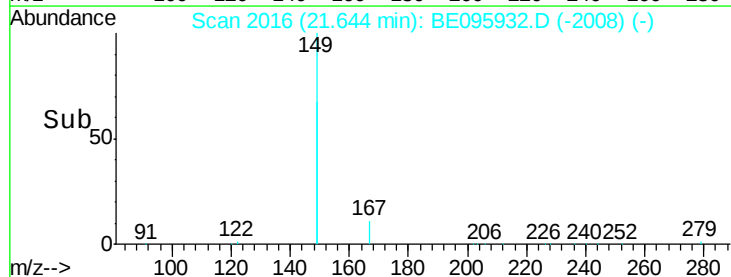
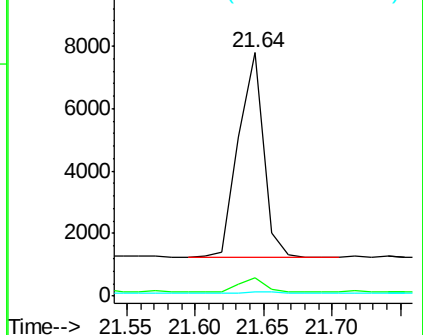
279 1.1 0.7 1.1

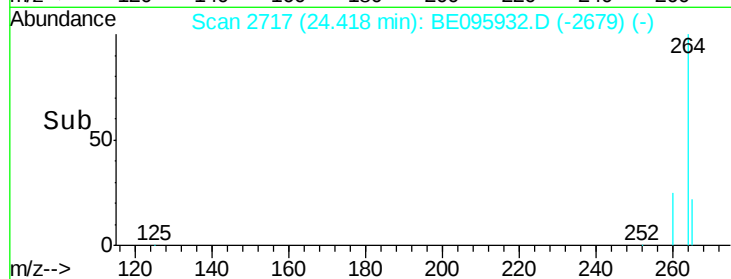
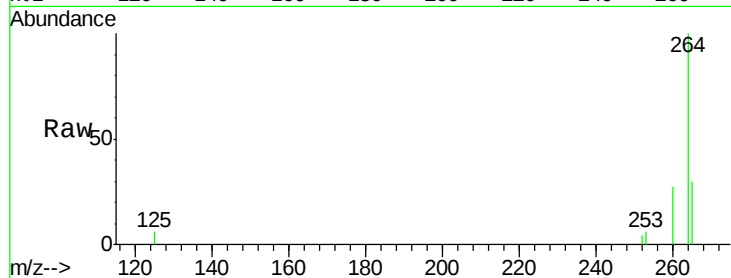
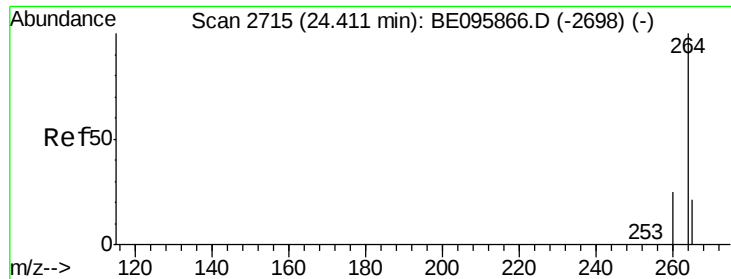


Abundance Ion 149.00 (148.70 to 149.70): E

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: 24.42 min Scan# 2717

Delta R.T. -0.01 min

Lab File: BE095932.D

Acq: 2 Apr 2018 17:54

Instrument :

BNA_E

ClientSampleId :

Tot Ion:264 Resp: 6611

Ion Ratio Lower Upper

264 100

260 26.7 20.5 30.7

265 30.2 22.8 34.2

