

Data Path : Z:\HPCHEM1\BNA E\DATA\BE032618\
 Data File : BE095849.D
 Acq On : 26 Mar 2018 21:36
 Operator : SJ/JU
 Sample : J1980-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Mar 27 05:43:08 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	1294	0.40	ng	0.00
7) Naphthalene-d8	11.26	136	5001	0.40	ng	0.00
13) Acenaphthene-d10	14.99	164	3027	0.40	ng	-0.01
19) Phenanthrene-d10	17.70	188	7045	0.40	ng	-0.01
27) Chrysene-d12	21.79	240	8051	0.40	ng	-0.01
34) Perylene-d12	24.41	264	7894	0.40	ng	-0.02

System Monitoring Compounds						
4) 2-Fluorophenol	5.91	112	675	0.16	ng	0.00
5) Phenol-d6	7.56	99	568	0.10	ng	0.00
8) Nitrobenzene-d5	9.59	82	2530	0.43	ng	0.00
11) 2-Methylnaphthalene-d10	12.79	152	2900	0.35	ng	-0.01
14) 2,4,6-Tribromophenol	16.46	330	655	0.37	ng	-0.01
15) 2-Fluorobiphenyl	13.63	172	5950	0.47	ng	-0.01
25) Fluoranthene-d10	19.68	212	36324	0.35	ng	0.00
29) Terphenyl-d14	20.24	244	9073	0.53	ng	0.00

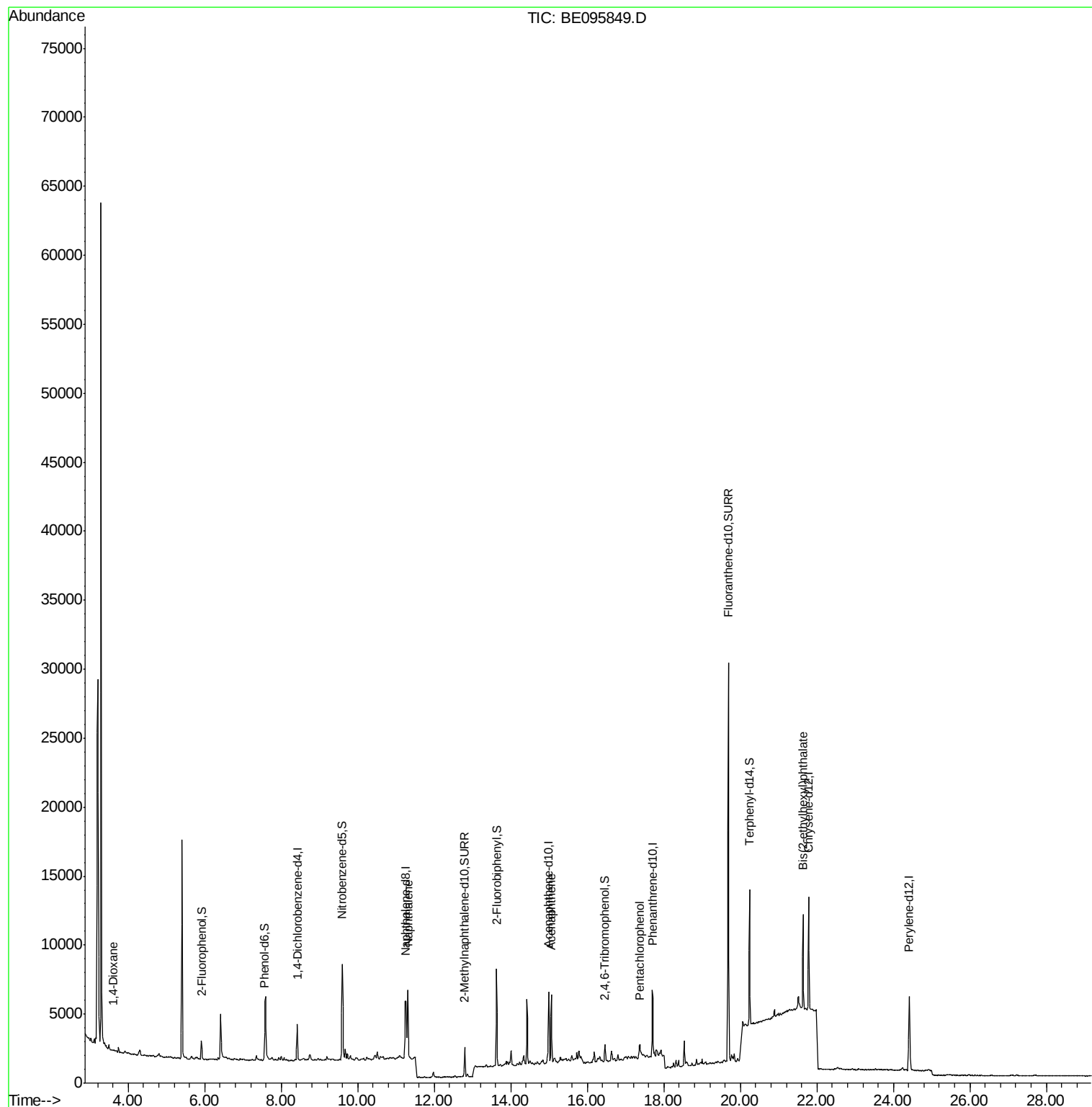
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.62	88	43	0.020	ng	# 1
9) Naphthalene	11.31	128	8748	0.153	ng	# 98
17) Acenaphthene	15.06	154	2262	0.214	ng	# 93
22) Pentachlorophenol	17.36	266	627	0.523	ng	# 81
32) Bis(2-ethylhexyl)phthalate	21.64	149	8724	0.102	ng	# 100

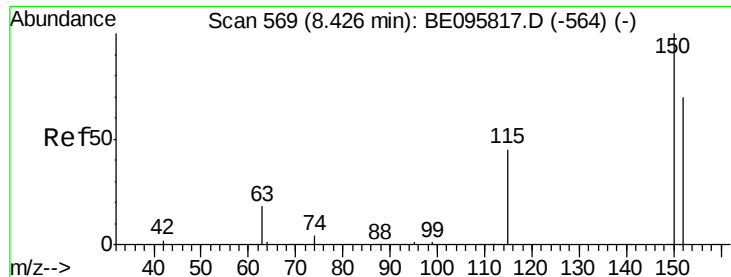
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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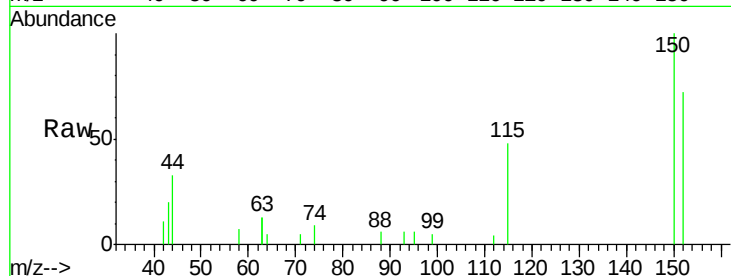


#1

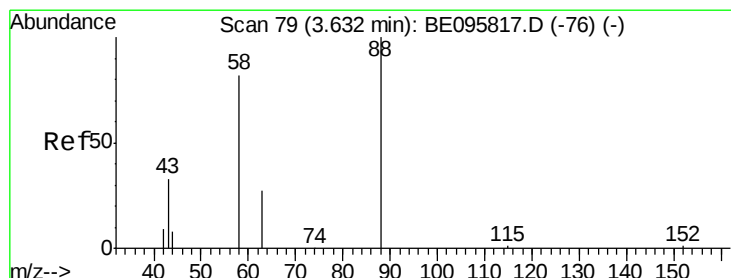
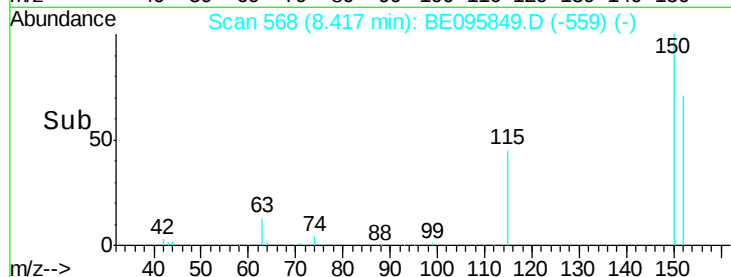
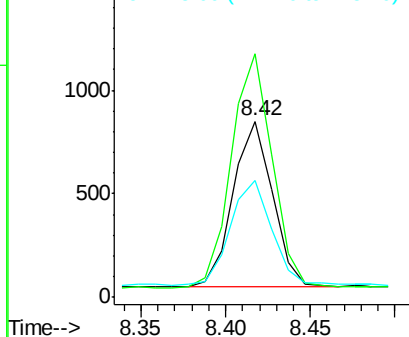
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.42 min Scan# 568
Delta R.T. -0.01 min
Lab File: BE095849.D
Acq: 26 Mar 2018 21:36

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 1294
Ion Ratio Lower Upper
152 100
150 138.2 117.2 175.8
115 66.4 57.0 85.6



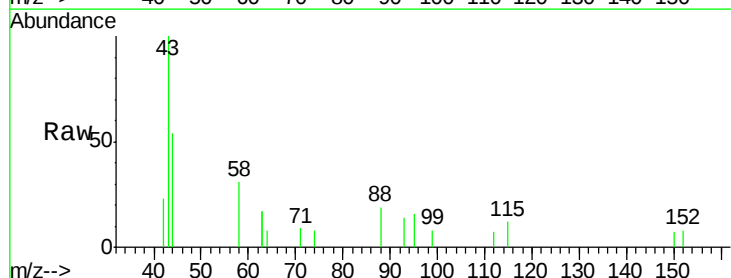
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



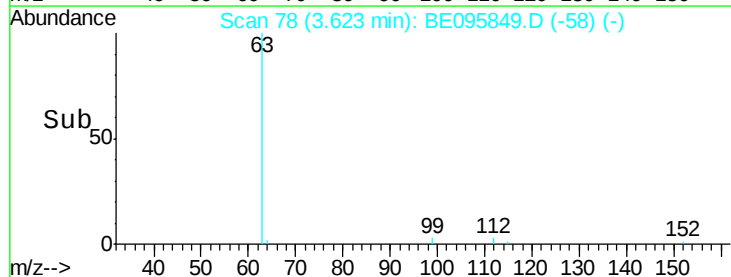
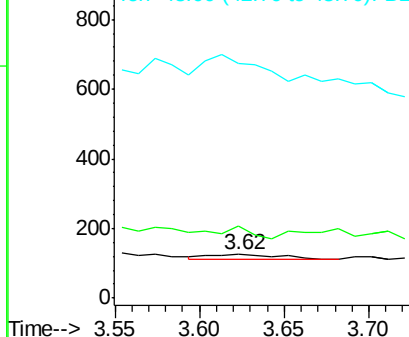
#2

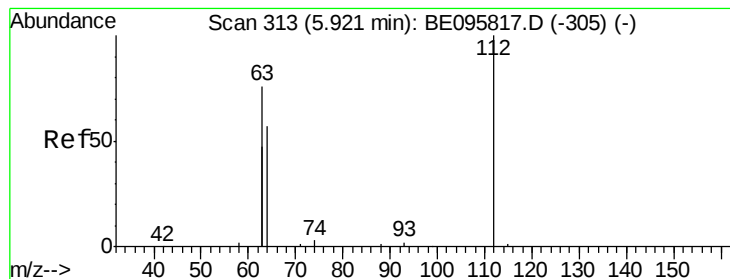
1,4-Dioxane
Concen: 0.020 ng
RT: 3.62 min Scan# 78
Delta R.T. -0.01 min
Lab File: BE095849.D
Acq: 26 Mar 2018 21:36

Tgt Ion: 88 Resp: 43
Ion Ratio Lower Upper
88 100
58 0.0 63.2 94.8#
43 1067.4 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: 0.158 ng

RT: 5.91 min Scan# 312

Delta R.T. -0.01 min

Lab File: BE095849.D

Acq: 26 Mar 2018 21:36

Instrument :

BNA_E

ClientSampled :

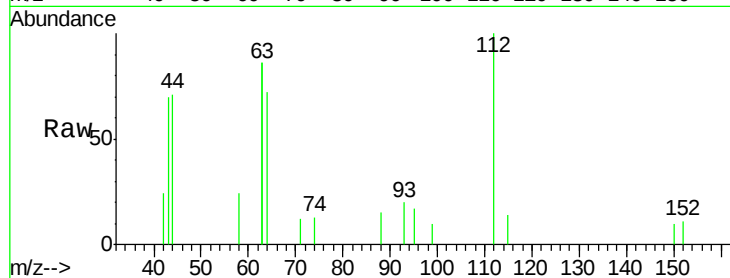
Tot Ion: 112 Resp: 675

Ion Ratio Lower Upper

112 100

64 77.2 60.1 90.1

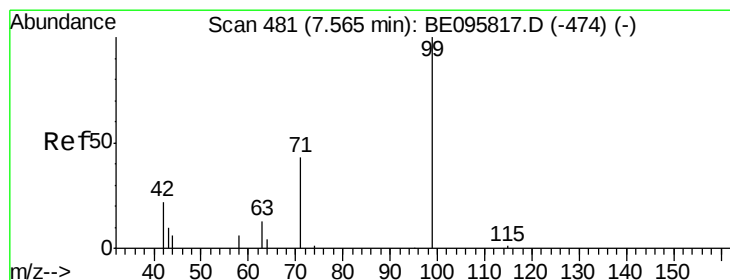
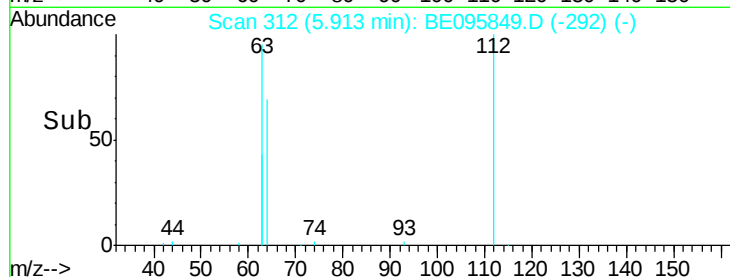
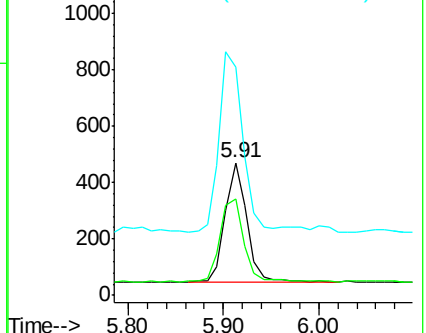
63 159.9 116.8 175.2



Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



#5

Phenol-d6

Concen: 0.097 ng

RT: 7.56 min Scan# 480

Delta R.T. -0.01 min

Lab File: BE095849.D

Acq: 26 Mar 2018 21:36

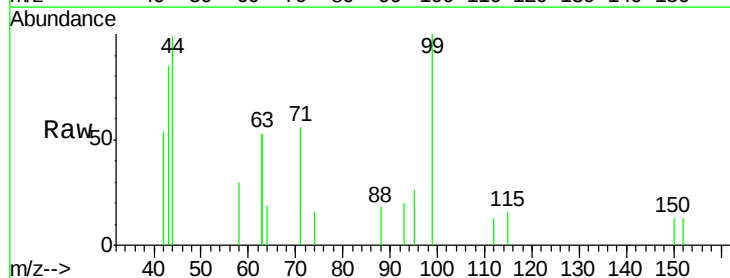
Tgt Ion: 99 Resp: 568

Ion Ratio Lower Upper

99 100

42 61.4 20.2 30.2#

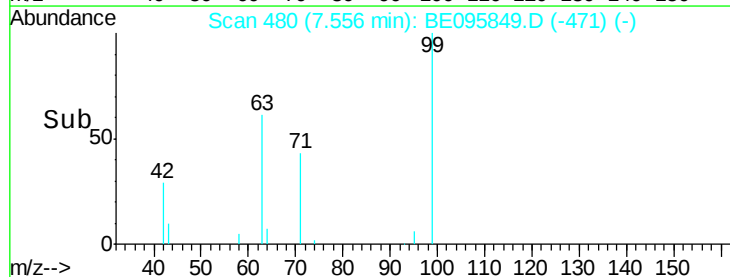
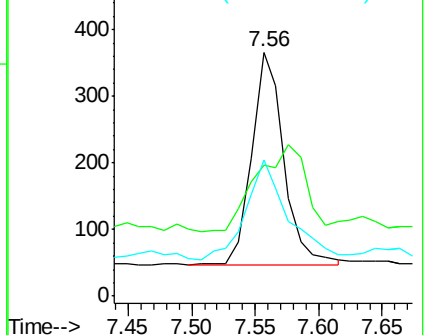
71 60.2 28.4 42.6#

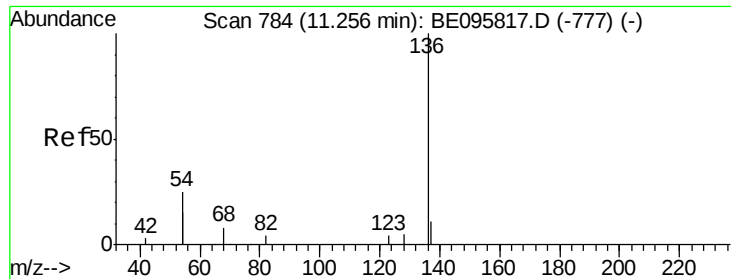


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: BE095849.D

Acq: 26 Mar 2018 21:36

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 5001

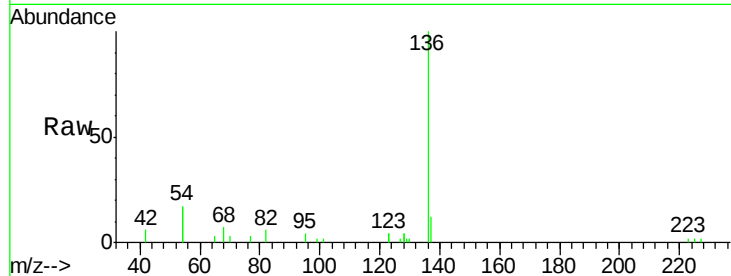
Ion Ratio Lower Upper

136 100

137 12.2 9.5 14.3

54 34.0 29.1 43.7

68 7.4 6.2 9.2

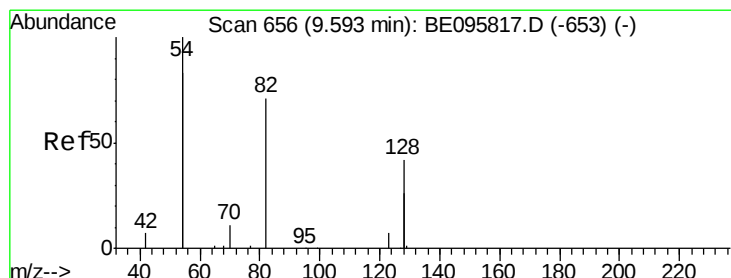
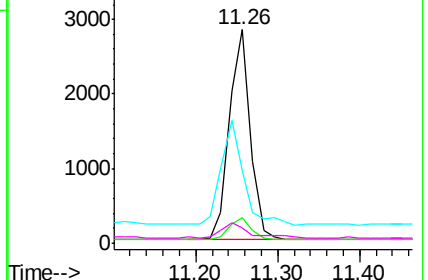
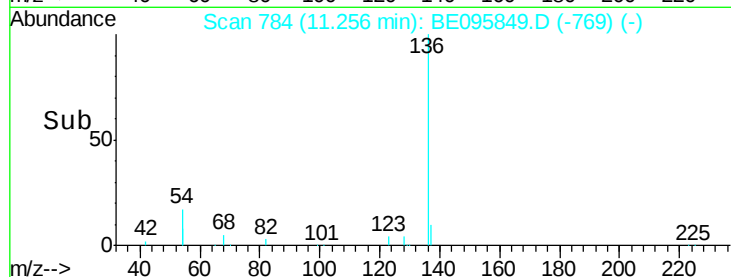


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.428 ng

RT: 9.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: BE095849.D

Acq: 26 Mar 2018 21:36

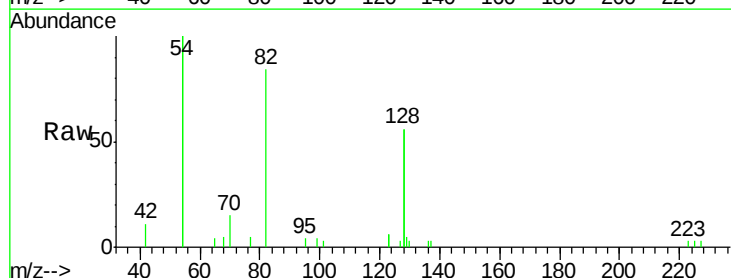
Tgt Ion: 82 Resp: 2530

Ion Ratio Lower Upper

82 100

128 133.2 150.0 225.0#

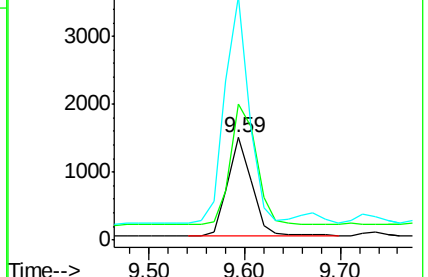
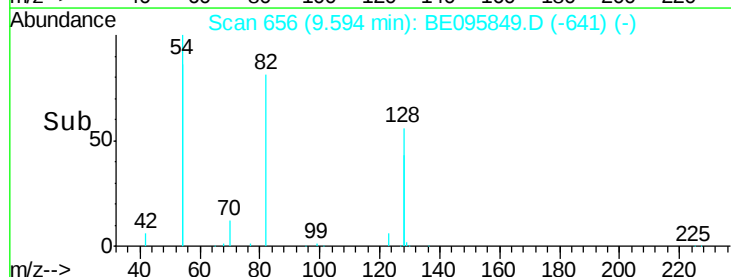
54 237.9 154.2 231.4#

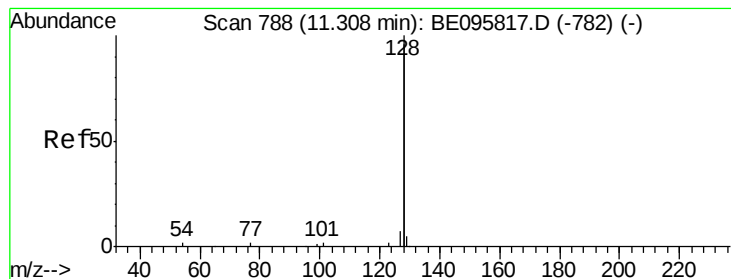


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.153 ng

RT: 11.31 min Scan# 788

Delta R.T. 0.00 min

Lab File: BE095849.D

Acq: 26 Mar 2018 21:36

Instrument :

BNA_E

ClientSampleId :

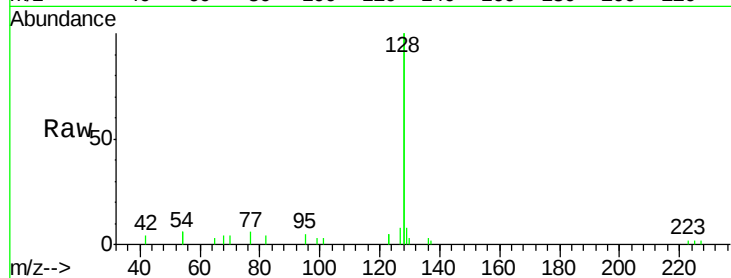
Tot Ion:128 Resp: 8748

Ion Ratio Lower Upper

128 100

129 4.1 2.6 3.8#

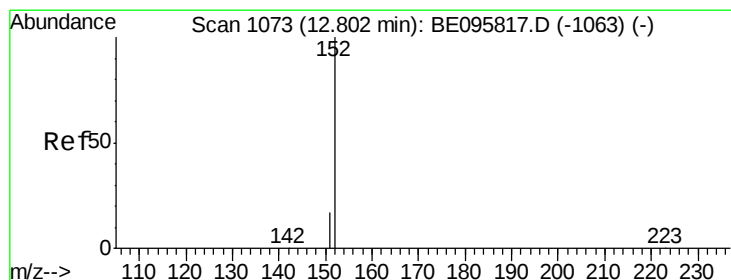
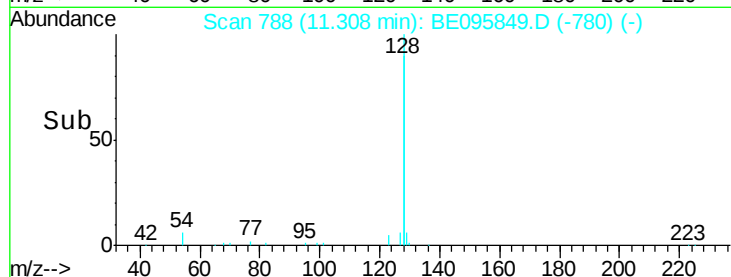
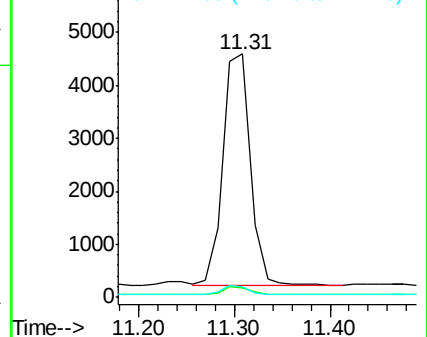
127 4.2 2.8 4.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#11

2-Methylnaphthalene-d10

Concen: 0.347 ng

RT: 12.79 min Scan# 1071

Delta R.T. -0.01 min

Lab File: BE095849.D

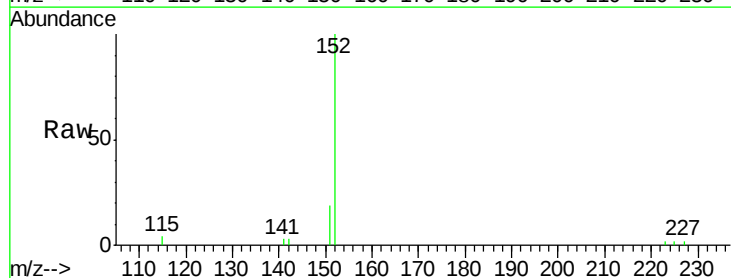
Acq: 26 Mar 2018 21:36

Tgt Ion:152 Resp: 2900

Ion Ratio Lower Upper

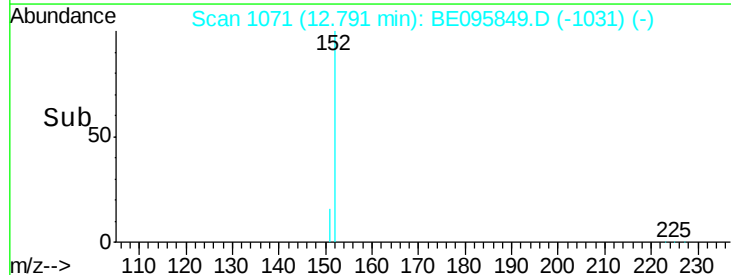
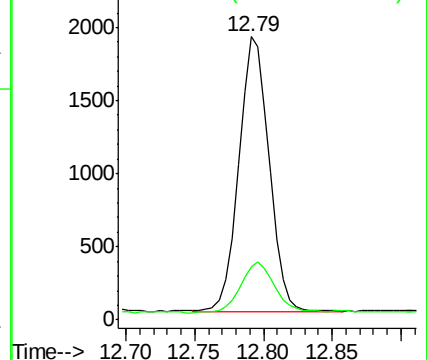
152 100

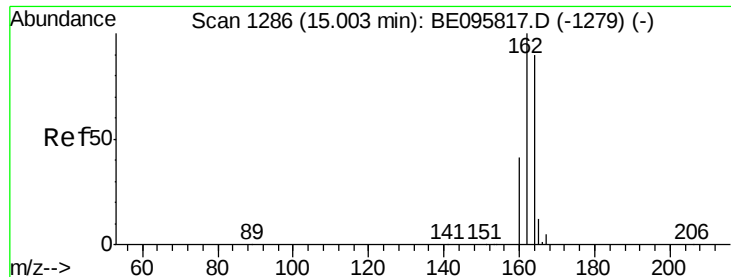
151 20.6 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.99 min Scan# 1285

Delta R.T. -0.01 min

Lab File: BE095849.D

Acq: 26 Mar 2018 21:36

Instrument :

BNA_E

ClientSampleId :

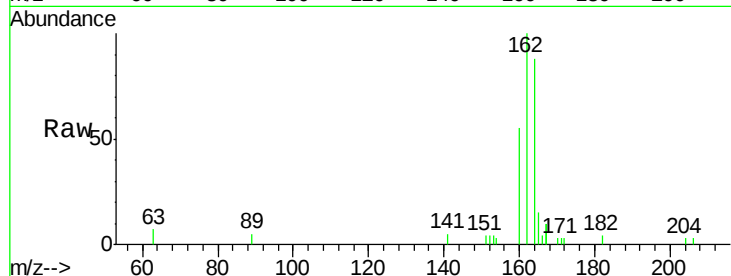
Tot Ion:164 Resp: 3027

Ion Ratio Lower Upper

164 100

162 113.5 83.1 124.7

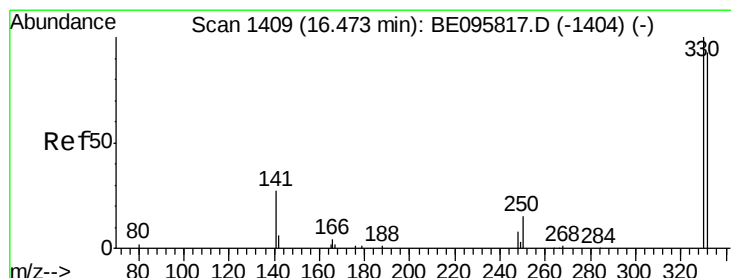
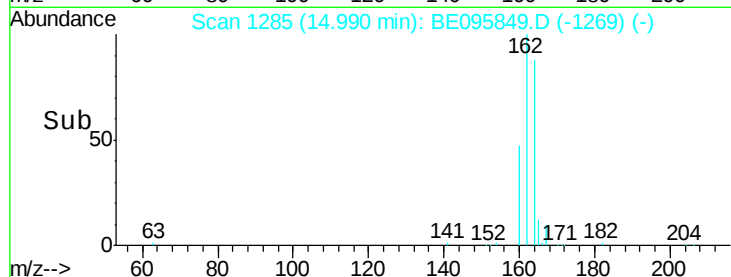
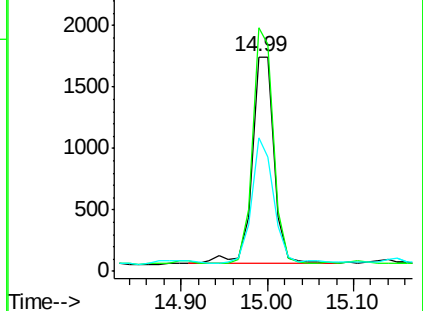
160 62.0 37.1 55.7#



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: 0.375 ng

RT: 16.46 min Scan# 1408

Delta R.T. -0.01 min

Lab File: BE095849.D

Acq: 26 Mar 2018 21:36

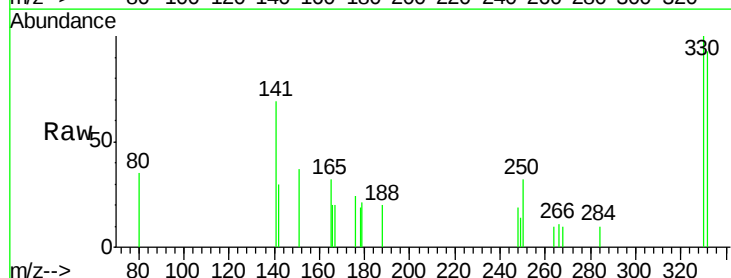
Tgt Ion:330 Resp: 655

Ion Ratio Lower Upper

330 100

332 97.1 152.7 229.1#

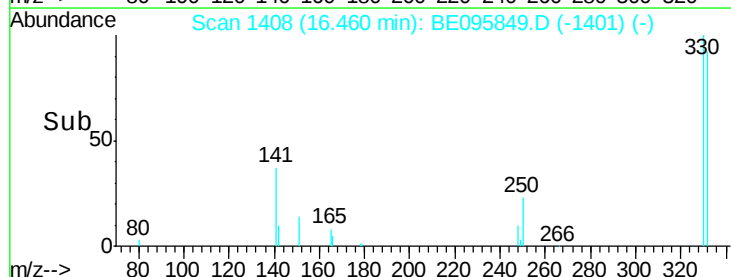
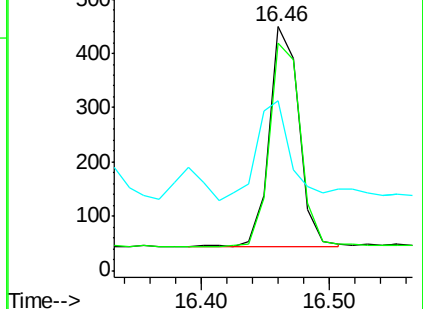
141 52.7 33.7 50.5#

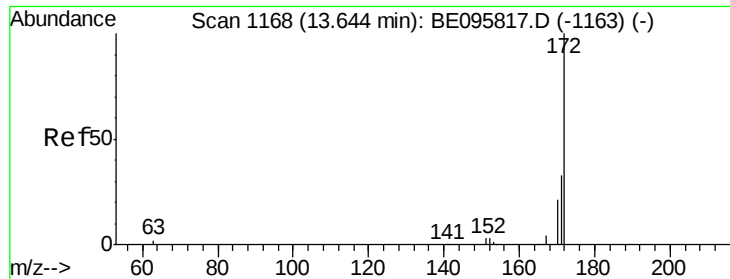


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

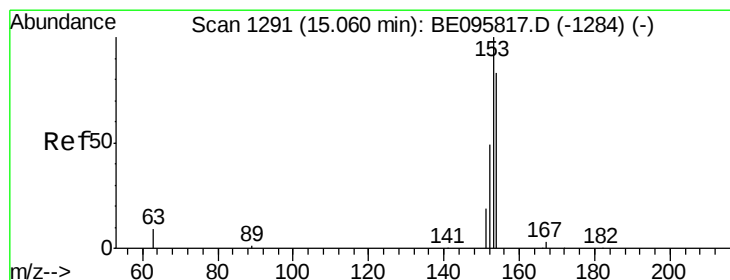
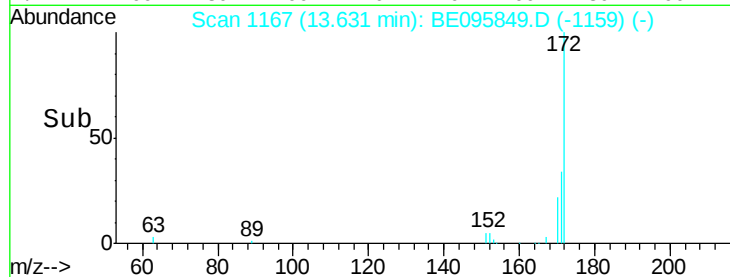
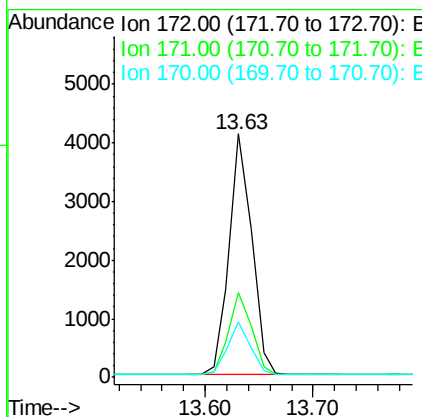
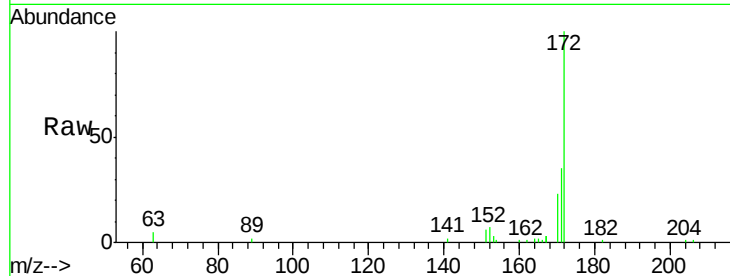




#15
2-Fluorobiphenyl
Concen: 0.466 ng
RT: 13.63 min Scan# 1167
Delta R.T. -0.01 min
Lab File: BE095849.D
Acq: 26 Mar 2018 21:36

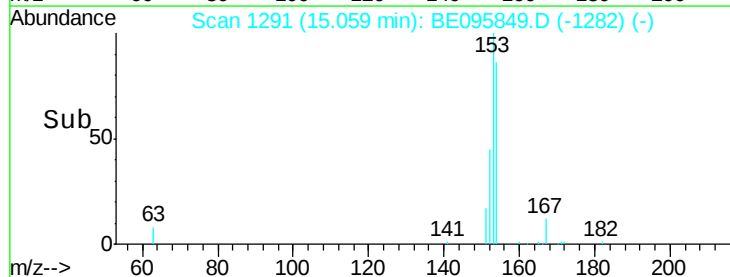
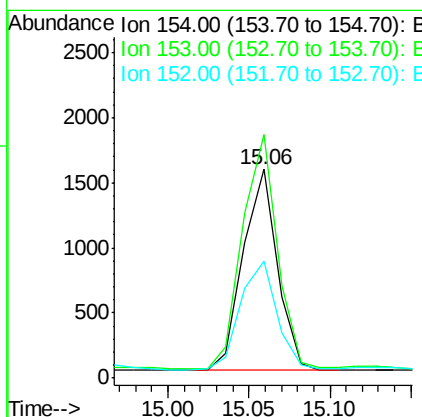
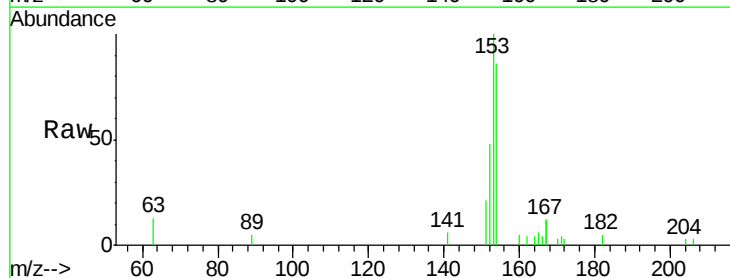
Instrument :
BNA_E
ClientSampleId :

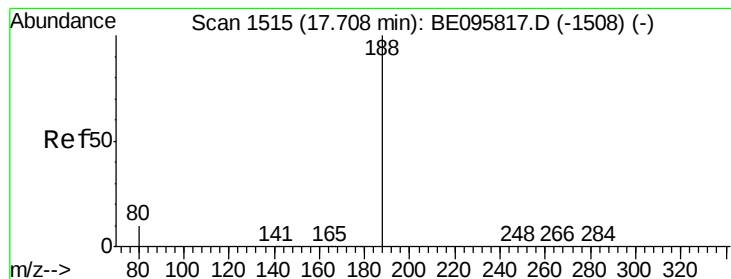
Tot Ion:172 Resp: 5950
Ion Ratio Lower Upper
172 100
171 34.9 29.9 44.9
170 22.8 21.8 32.8



#17
Acenaphthene
Concen: 0.214 ng
RT: 15.06 min Scan# 1291
Delta R.T. -0.00 min
Lab File: BE095849.D
Acq: 26 Mar 2018 21:36

Tgt Ion:154 Resp: 2262
Ion Ratio Lower Upper
154 100
153 119.1 89.2 133.8
152 57.3 42.0 63.0





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.70 min Scan# 1514

Delta R.T. -0.01 min

Lab File: BE095849.D

Acq: 26 Mar 2018 21:36

Instrument :

BNA_E

ClientSampleId :

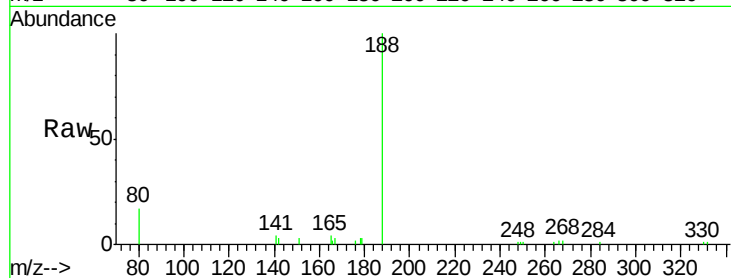
Tot Ion:188 Resp: 7045

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

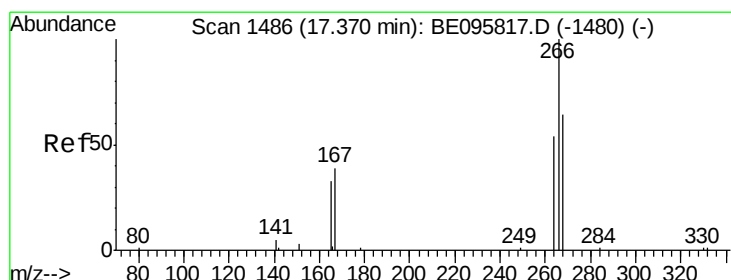
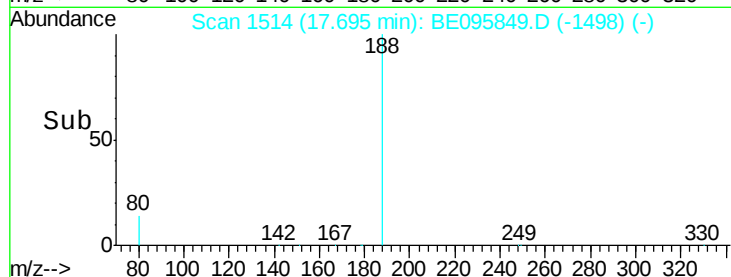
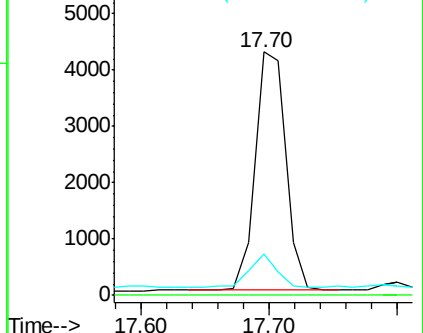
80 17.1 3.6 5.4#



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: 0.523 ng

RT: 17.36 min Scan# 1485

Delta R.T. -0.01 min

Lab File: BE095849.D

Acq: 26 Mar 2018 21:36

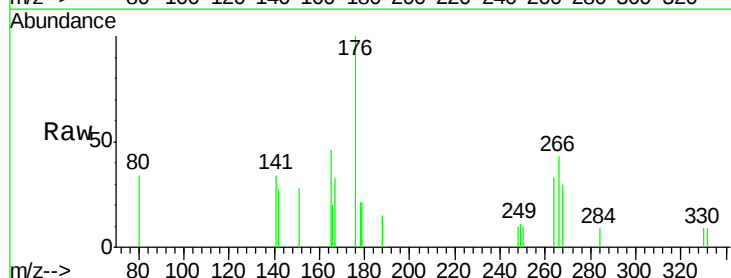
Tgt Ion:266 Resp: 627

Ion Ratio Lower Upper

266 100

264 76.9 72.5 108.7

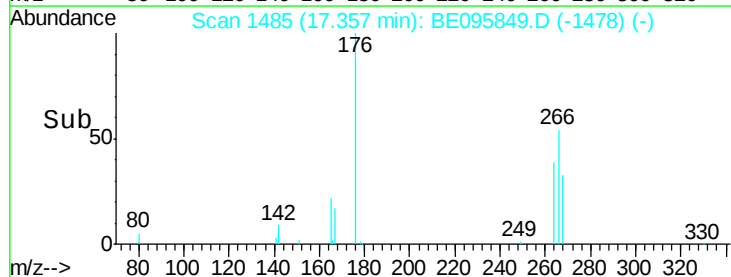
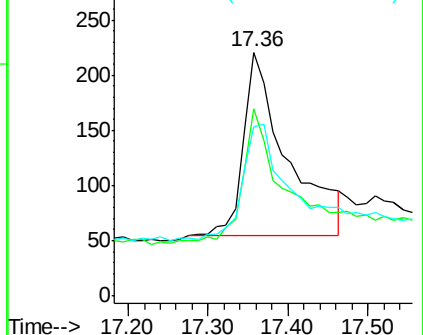
268 69.2 73.8 110.6#

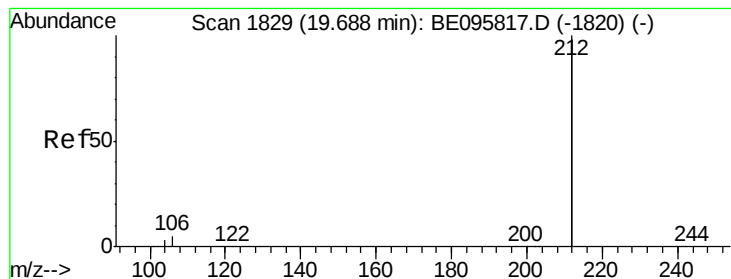


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.347 ng

RT: 19.68 min Scan# 1828

Delta R.T. -0.00 min

Lab File: BE095849.D

Acq: 26 Mar 2018 21:36

Instrument :

BNA_E

ClientSampleId :

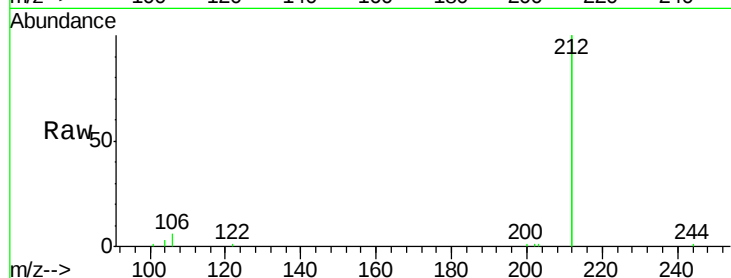
Tot Ion:212 Resp: 36324

Ion Ratio Lower Upper

212 100

106 2.9 2.8 4.2

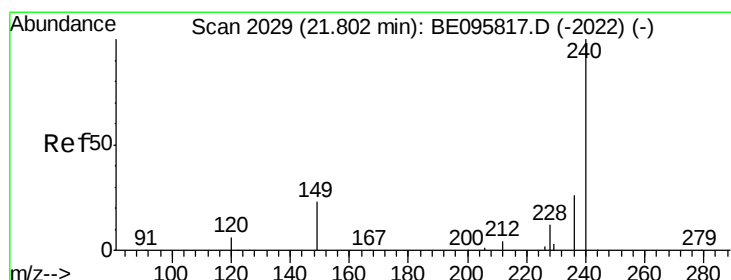
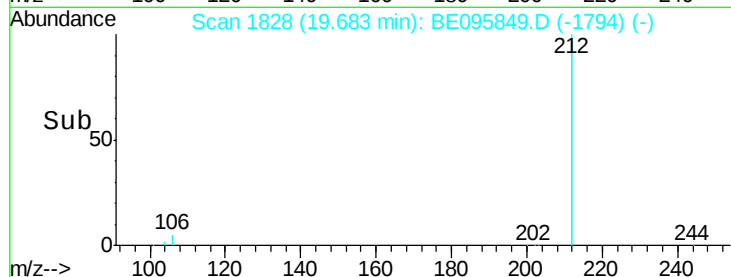
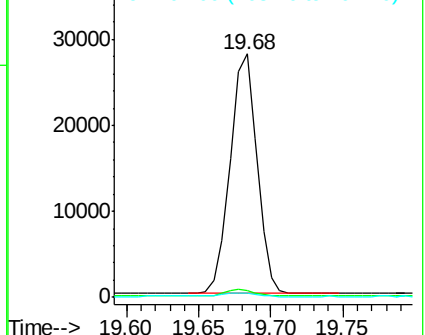
104 1.8 1.6 2.4



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: BE095849.D

Acq: 26 Mar 2018 21:36

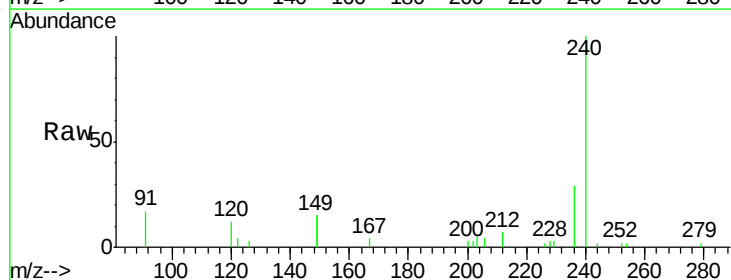
Tgt Ion:240 Resp: 8051

Ion Ratio Lower Upper

240 100

120 12.0 5.5 8.3#

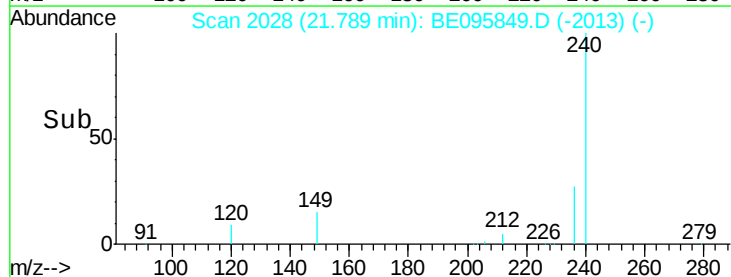
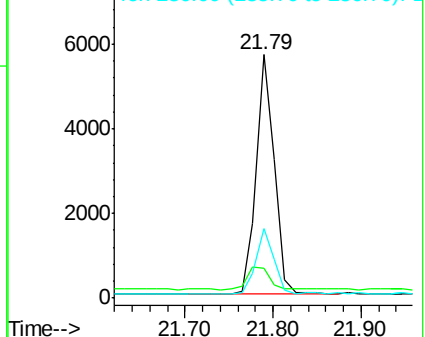
236 28.7 20.7 31.1

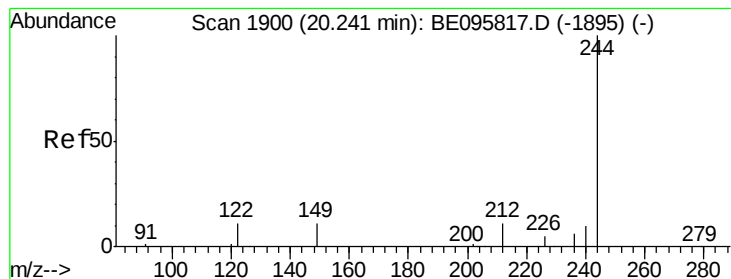


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.531 ng

RT: 20.24 min Scan# 1900

Delta R.T. -0.00 min

Lab File: BE095849.D

Acq: 26 Mar 2018 21:36

Instrument :

BNA_E

ClientSampleId :

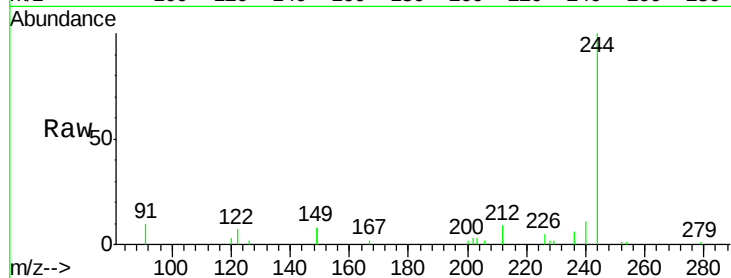
Tot Ion:244 Resp: 9073

Ion Ratio Lower Upper

244 100

212 9.0 25.4 38.0#

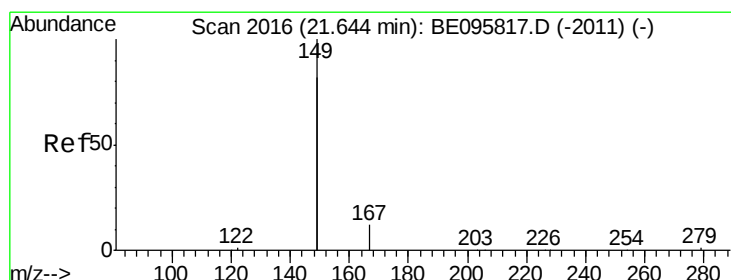
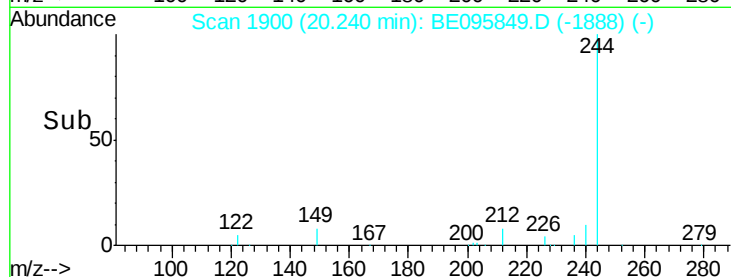
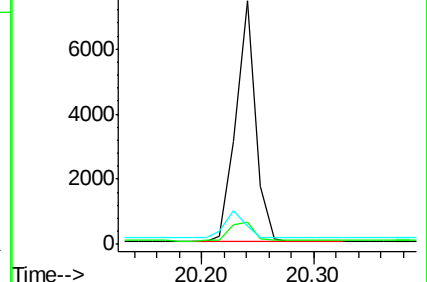
122 7.4 8.1 12.1#



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: 0.102 ng

RT: 21.64 min Scan# 2016

Delta R.T. -0.00 min

Lab File: BE095849.D

Acq: 26 Mar 2018 21:36

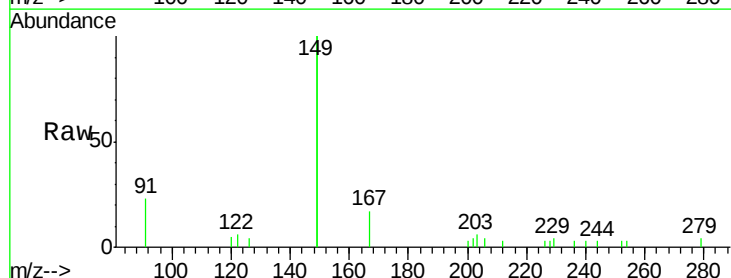
Tgt Ion:149 Resp: 8724

Ion Ratio Lower Upper

149 100

167 6.8 5.4 8.0

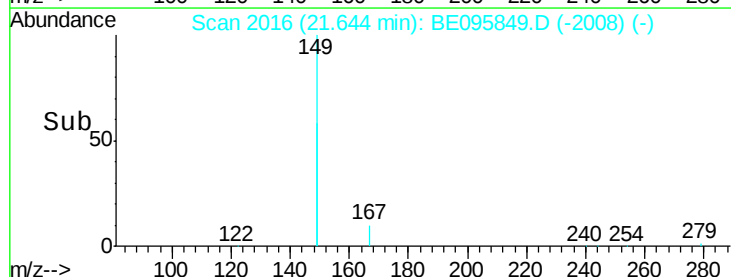
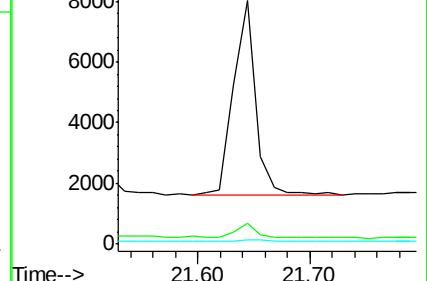
279 1.4 0.7 1.1#

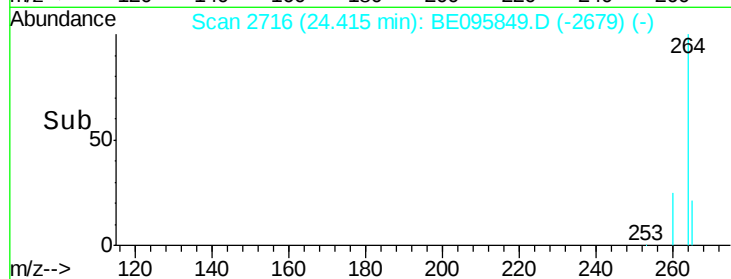
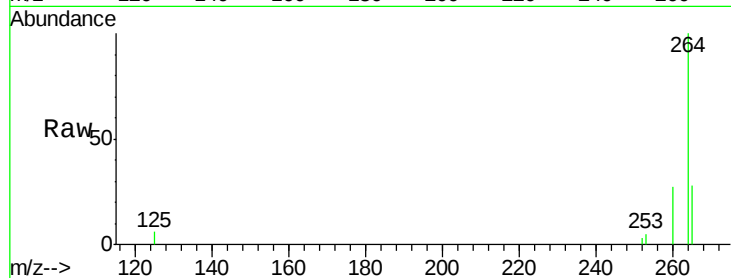
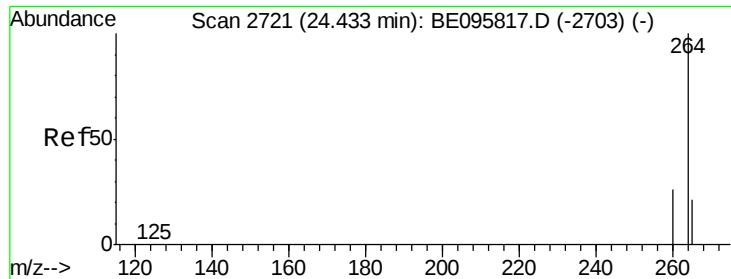


Abundance Ion 149.00 (148.70 to 149.70): E

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: BE095849.D

Acq: 26 Mar 2018 21:36

Instrument :

BNA_E

ClientSampleId :

Tot Ion: 264 Resp: 7894

Ion Ratio Lower Upper

264 100

260 26.8 20.5 30.7

265 27.9 22.8 34.2

