

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 :

Quant Time: Apr 05 02:47:12 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

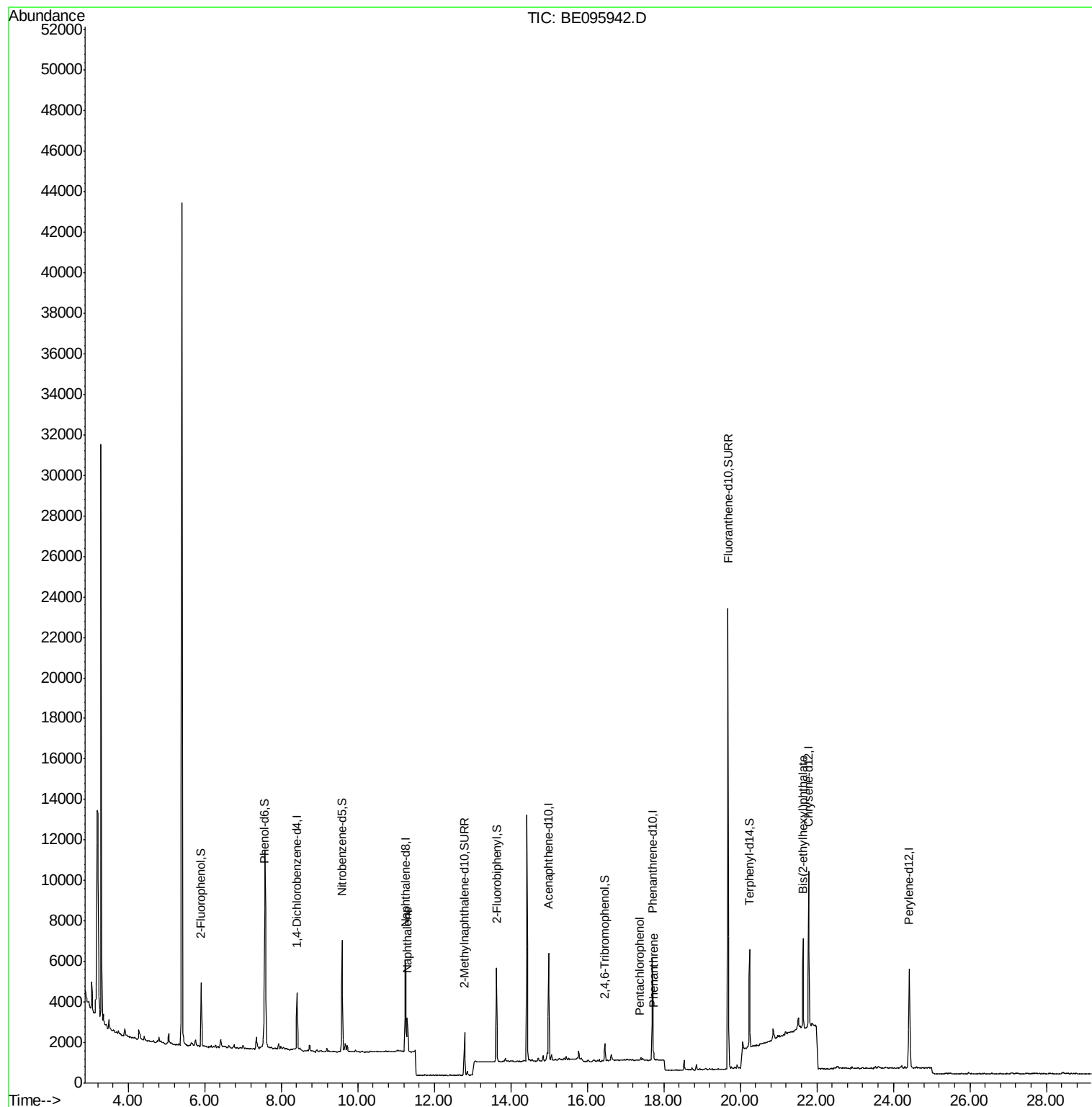
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.41	152	1351	0.40	ng	-0.02
7) Naphthalene-d8	11.26	136	5293	0.40	ng	0.00
13) Acenaphthene-d10	14.99	164	2962	0.40	ng	-0.01
19) Phenanthrene-d10	17.70	188	6617	0.40	ng	-0.01
27) Chrysene-d12	21.79	240	7281	0.40	ng	-0.01
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	Qvalue # 93
22) Pentachlorophenol	17.37	266	17	0.142	ng	99
23) Phenanthrene	17.74	178	427	0.022	ng	98
32) Bis(2-ethylhexyl)phthalate	21.64	149	5499	0.071	ng	# 98

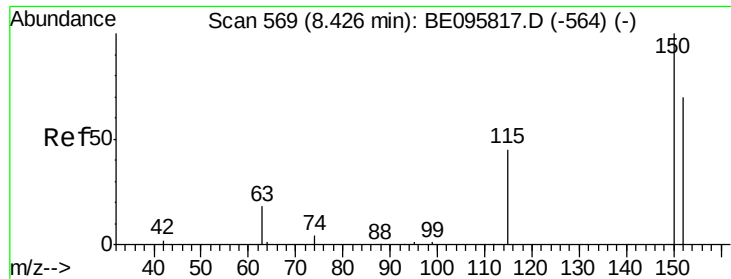
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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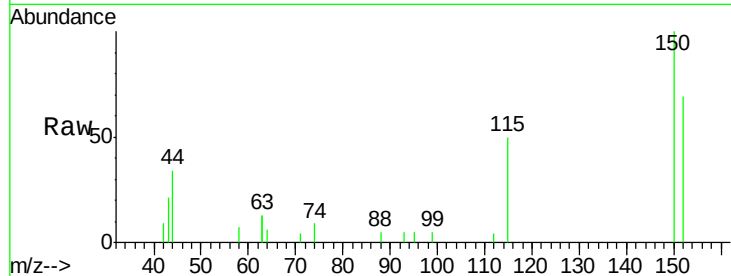


#1

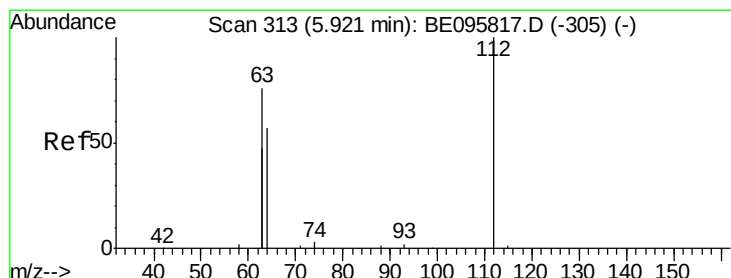
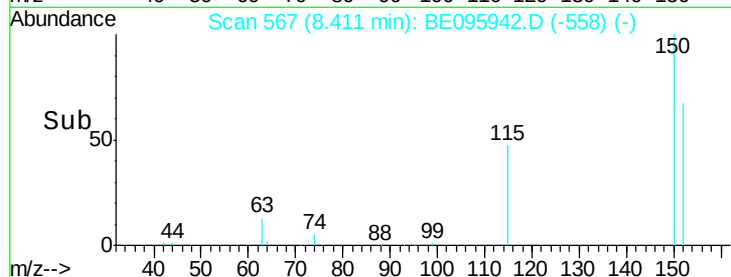
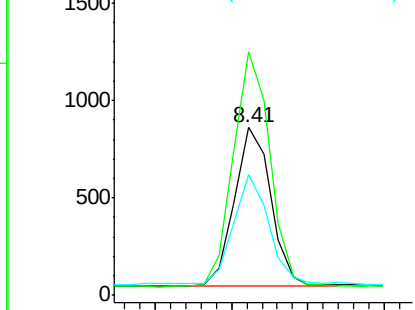
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.41 min Scan# 567
Delta R.T. -0.02 min
Lab File: BE095942.D
Acq: 4 Apr 2018 12:02

Instrument :
BNA_E
ClientSampleId :

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



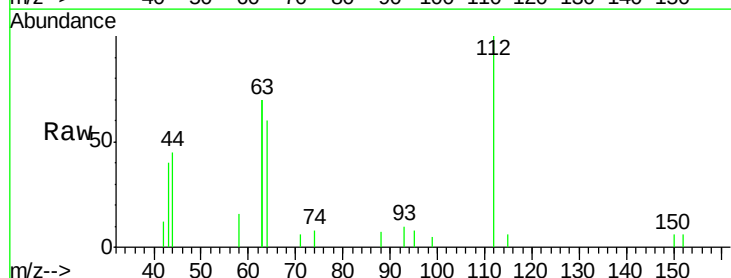
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



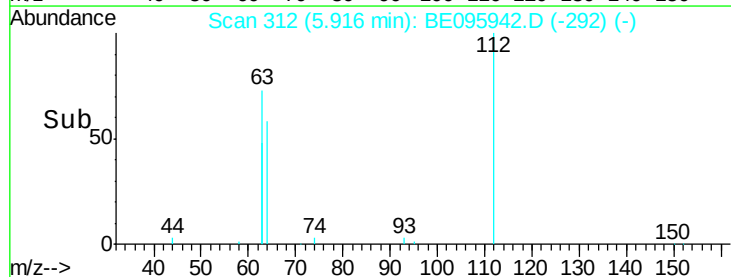
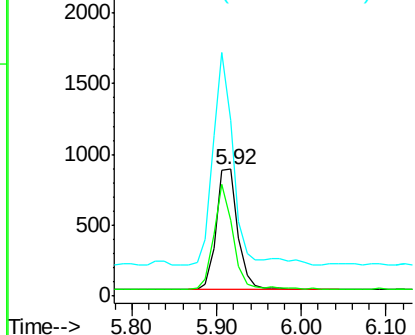
#4

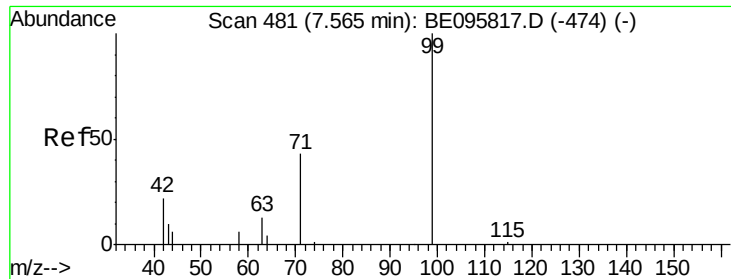
2-Fluorophenol
Concen: 0.340 ng
RT: 5.92 min Scan# 312
Delta R.T. -0.01 min
Lab File: BE095942.D
Acq: 4 Apr 2018 12:02

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

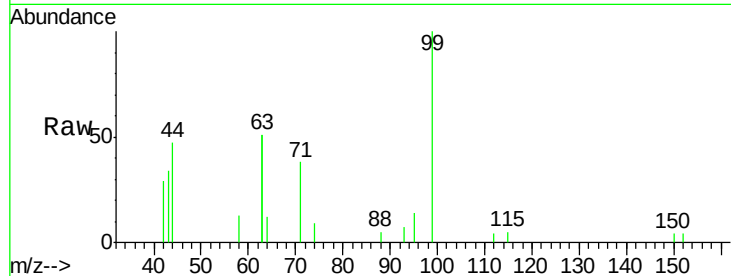
Instrument :

BNA_E

ClientSampleId :

Tot Ion: 99 Resp: 2175

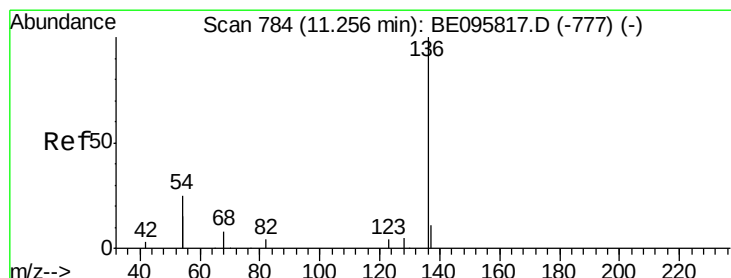
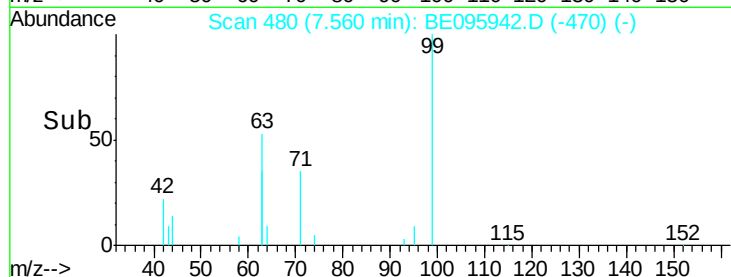
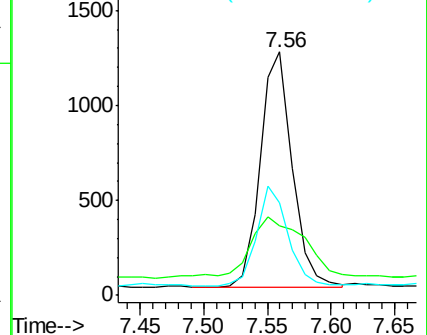
Ion	Ratio	Lower	Upper
99	100		
42	42.0	20.2	30.2#
71	40.9	28.4	42.6



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

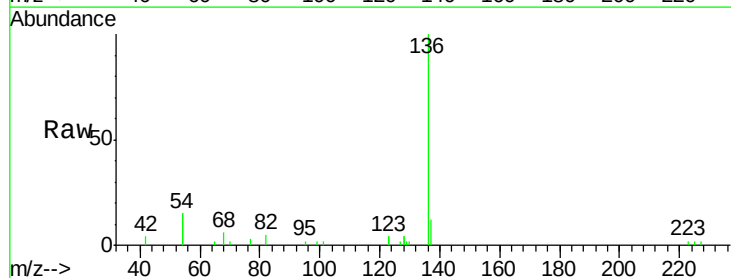
Delta R.T. -0.00 min

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#

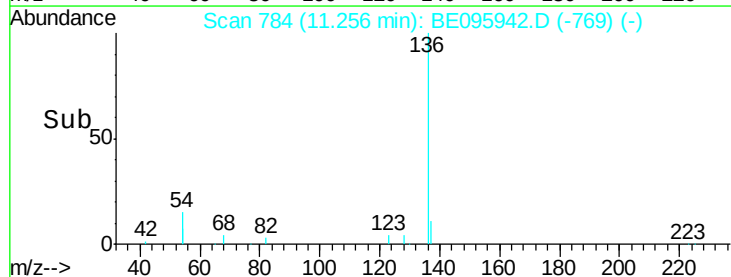
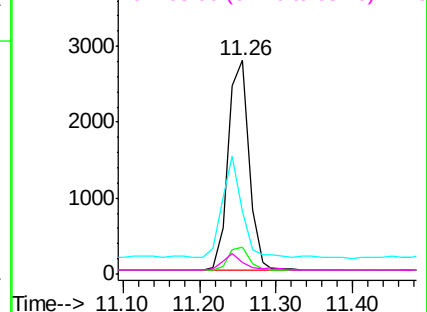


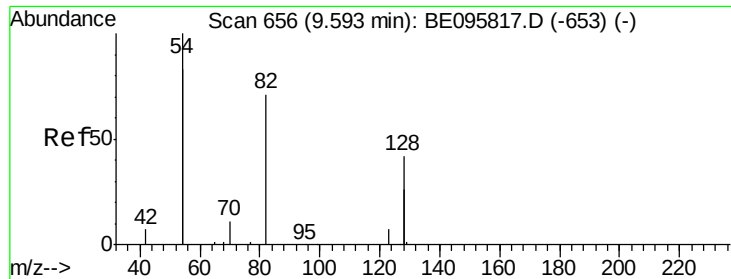
Abundance Ion 136.00 (135.70 to 136.70): E

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

ClientSampleId :

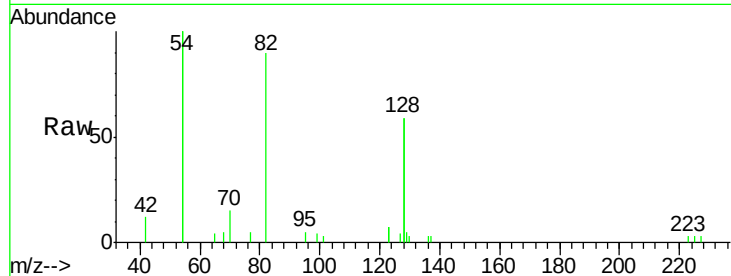
Tot Ion: 82 Resp: 2087

Ion Ratio Lower Upper

82 100

128 131.5 150.0 225.0#

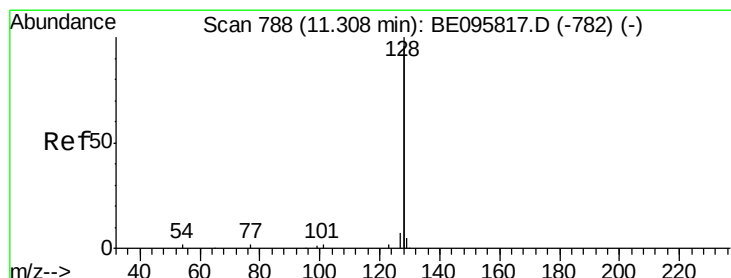
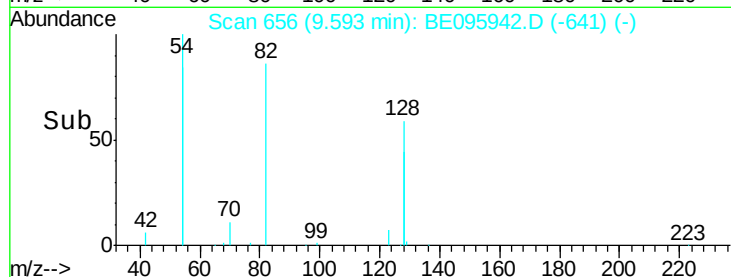
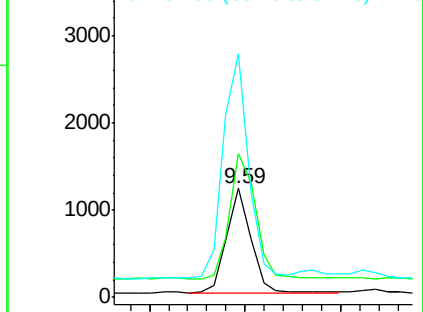
54 223.4 154.2 231.4



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

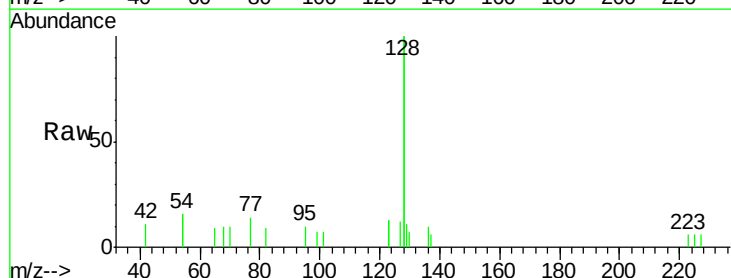
Tgt Ion: 128 Resp: 2528

Ion Ratio Lower Upper

128 100

129 5.3 2.6 3.8#

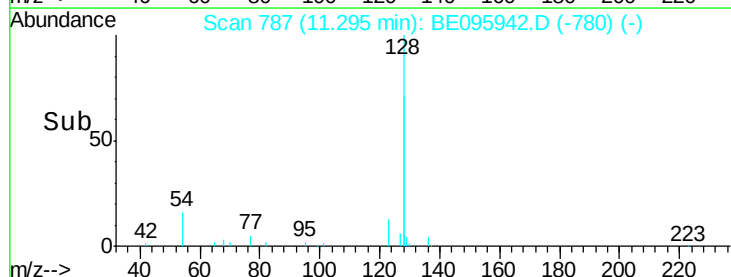
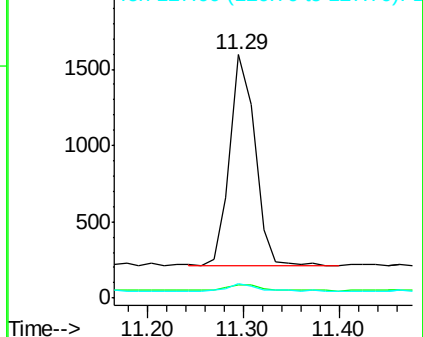
127 5.8 2.8 4.2#

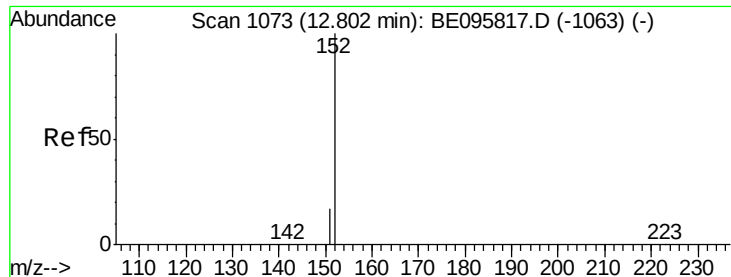


Abundance Ion 128.00 (127.70 to 128.70): BE095817.D (-782) (-)

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

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

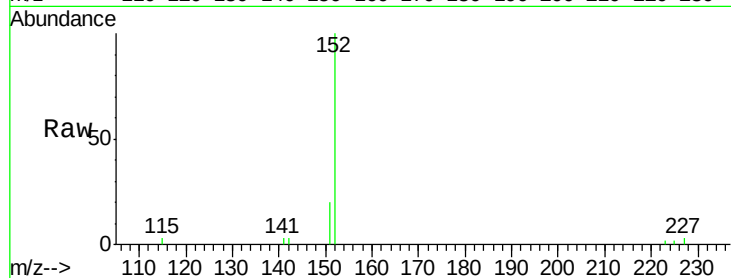




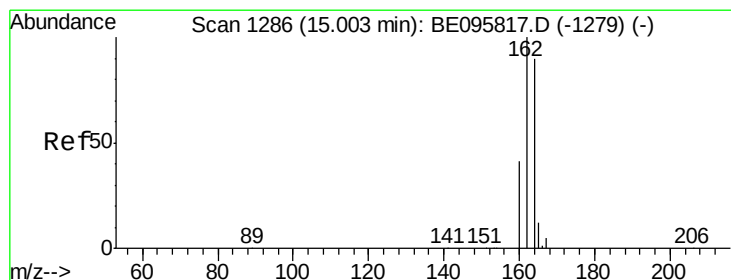
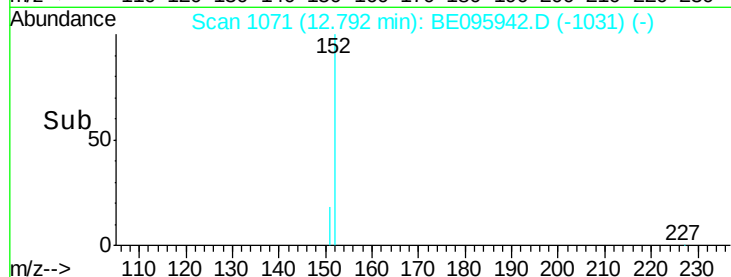
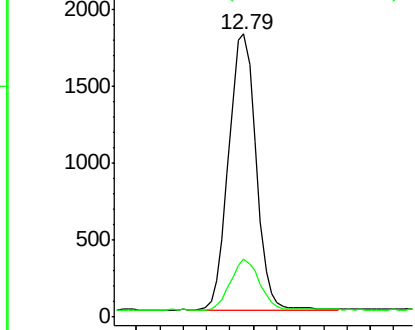
#11
2-Methylnaphthalene-d10
Concen: 0.332 ng
RT: 12.79 min Scan# 1071
Delta R.T. -0.01 min
Lab File: BE095942.D
Acq: 4 Apr 2018 12:02

Instrument :
BNA_E
ClientSampleId :

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

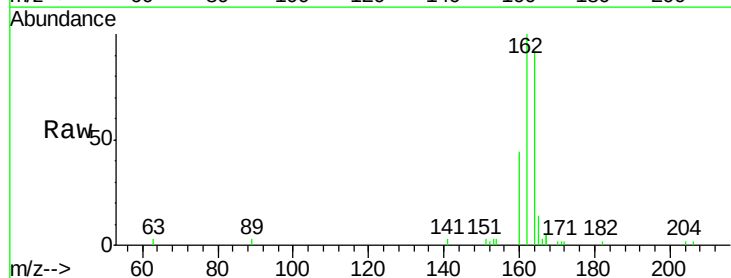


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E

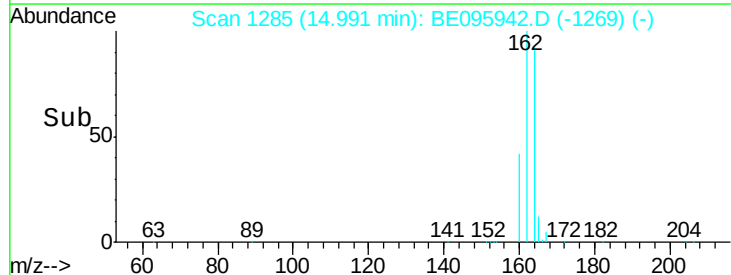
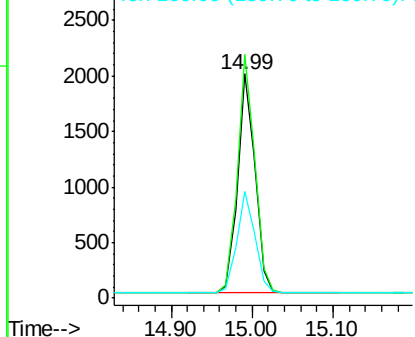


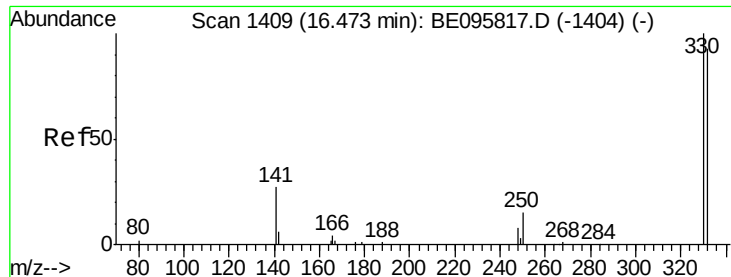
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.99 min Scan# 1285
Delta R.T. -0.01 min
Lab File: BE095942.D
Acq: 4 Apr 2018 12:02

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



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: 0.273 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 :

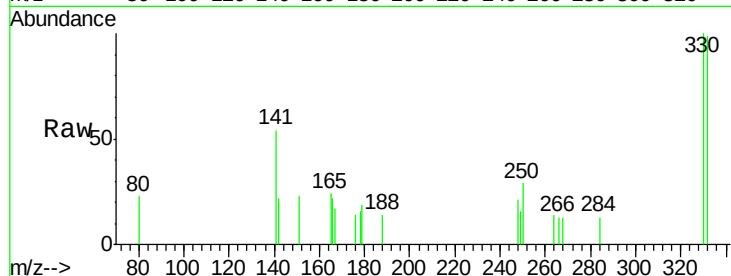
Tot Ion:330 Resp: 466

Ion Ratio Lower Upper

330 100

332 99.1 152.7 229.1#

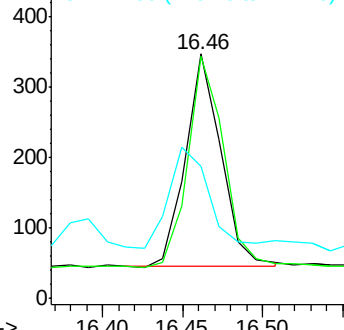
141 53.2 33.7 50.5#



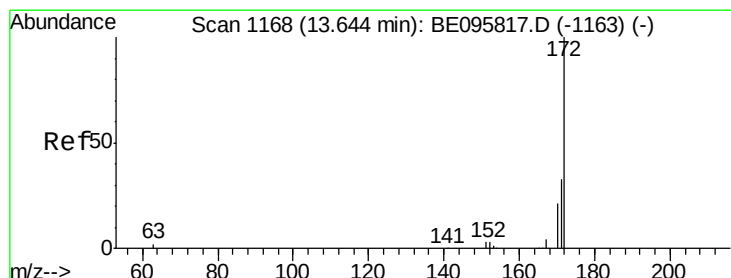
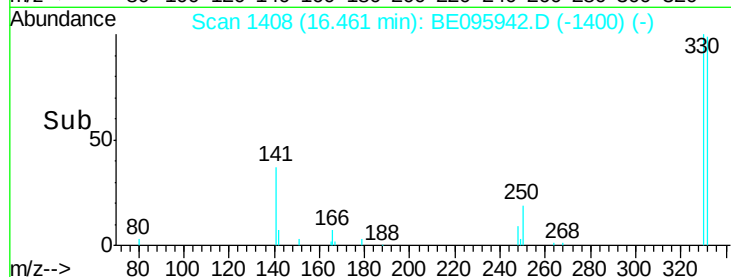
Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



Time-->



#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

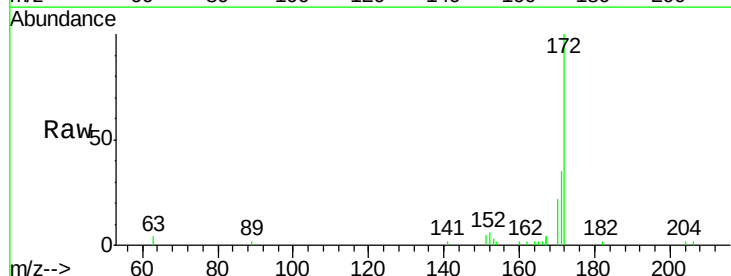
Tgt Ion:172 Resp: 4137

Ion Ratio Lower Upper

172 100

171 35.0 29.9 44.9

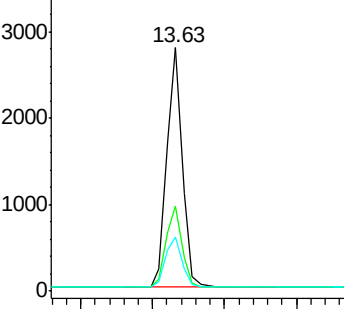
170 22.4 21.8 32.8



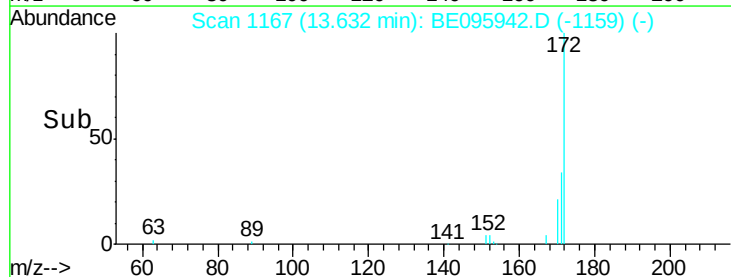
Abundance Ion 172.00 (171.70 to 172.70): E

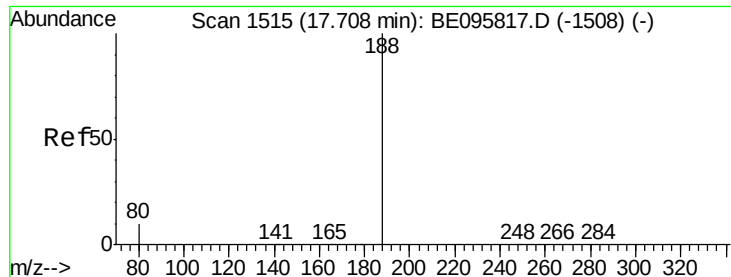
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



Time-->





#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 :

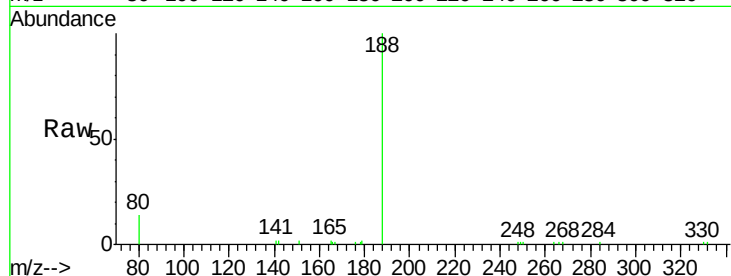
Tot Ion:188 Resp: 6617

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

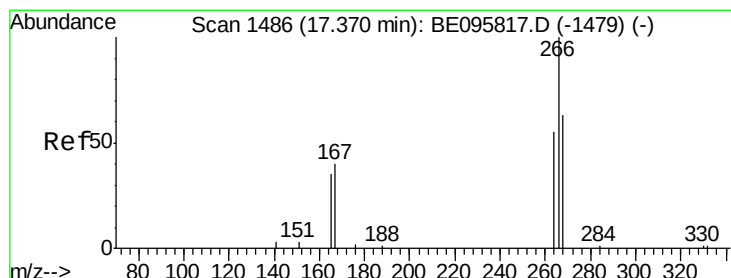
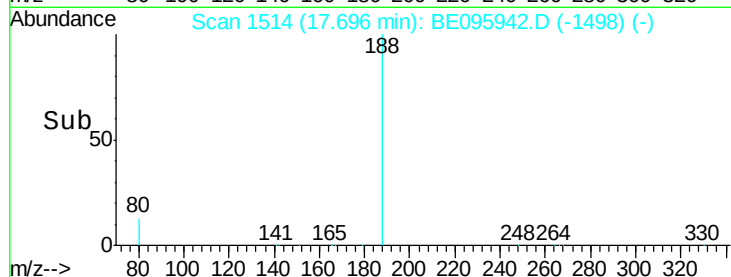
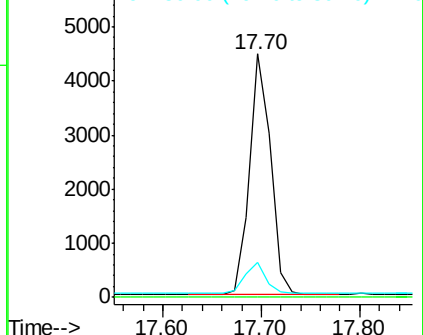
80 14.2 3.6 5.4#



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



#22

Pentachlorophenol

Concen: 0.142 ng

RT: 17.37 min Scan# 1486

Delta R.T. 0.00 min

Lab File: BE095942.D

Acq: 4 Apr 2018 12:02

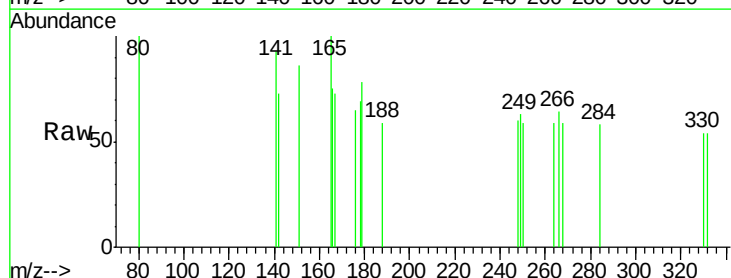
Tgt Ion:266 Resp: 17

Ion Ratio Lower Upper

266 100

264 92.3 72.5 108.7

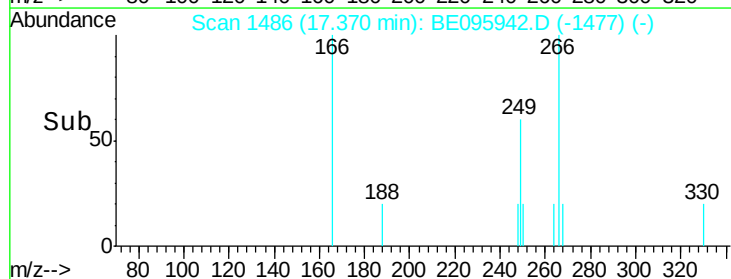
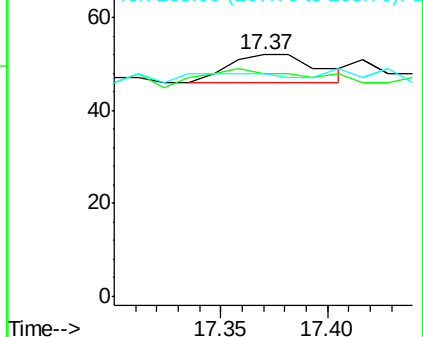
268 92.3 73.8 110.6

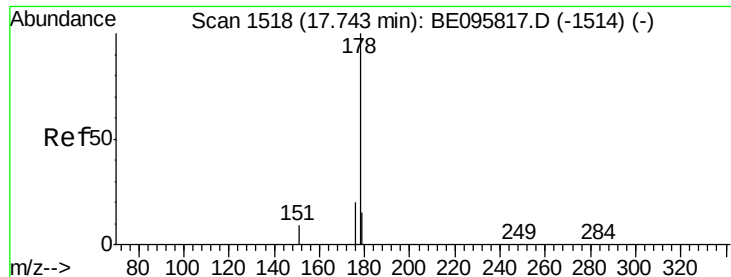


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#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

Instrument :

BNA_E

ClientSampleId :

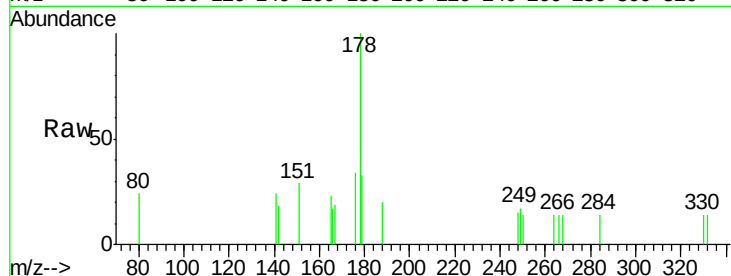
Tot Ion:178 Resp: 427

Ion Ratio Lower Upper

178 100

176 20.6 15.1 22.7

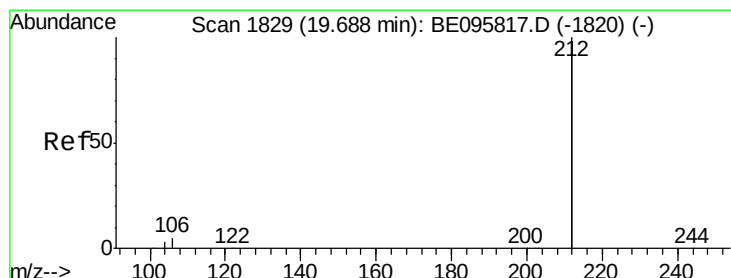
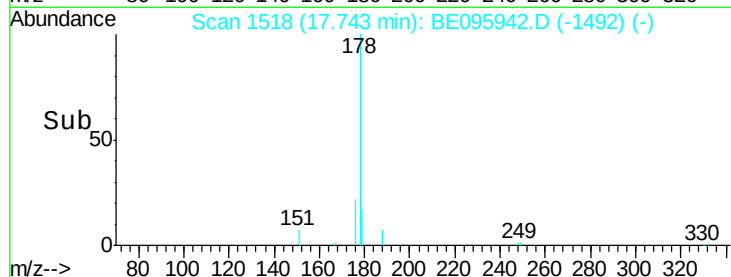
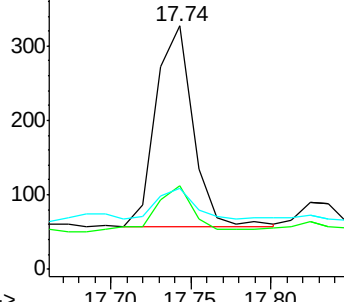
179 14.5 11.8 17.6



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

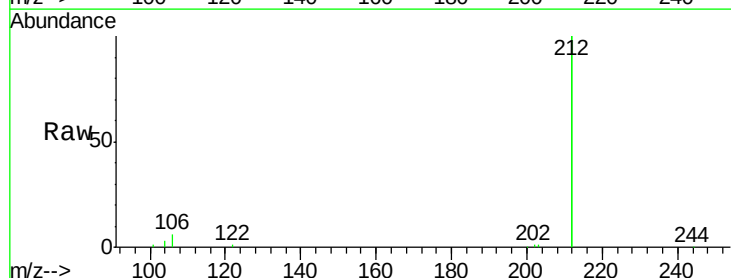
Tgt Ion:212 Resp: 28870

Ion Ratio Lower Upper

212 100

106 2.9 2.8 4.2

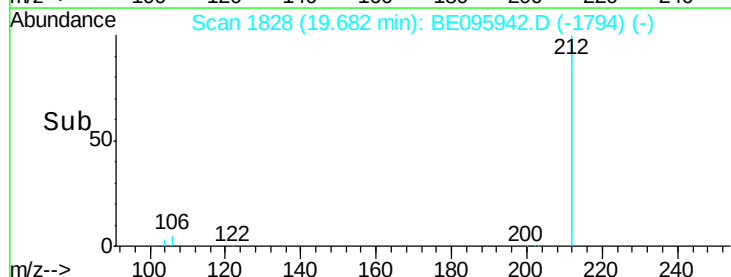
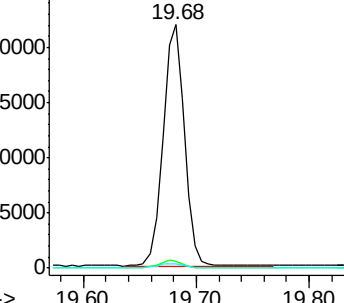
104 1.8 1.6 2.4

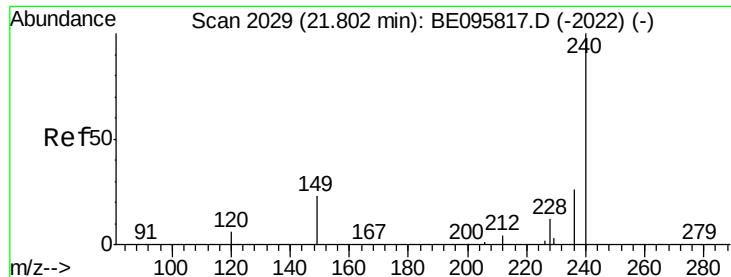


Abundance Ion 212.00 (211.70 to 212.70): E

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: BE095942.D

Acq: 4 Apr 2018 12:02

Instrument :

BNA_E

ClientSampleId :

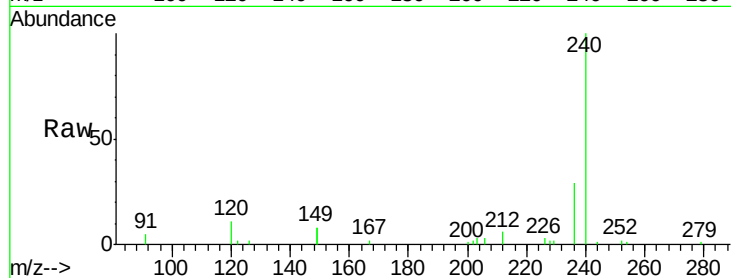
Tot Ion:240 Resp: 7281

Ion Ratio Lower Upper

240 100

120 10.6 5.5 8.3#

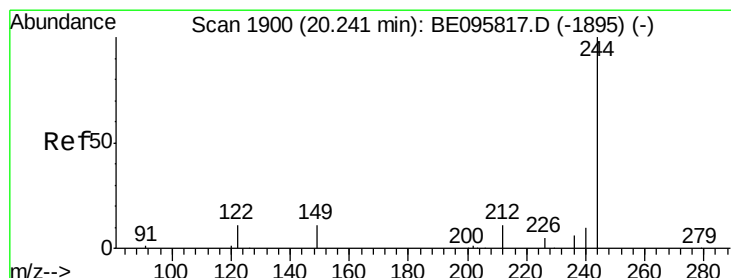
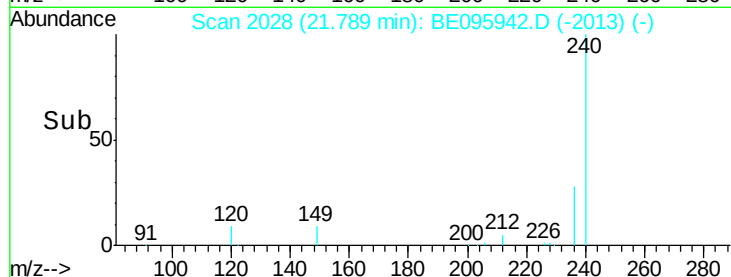
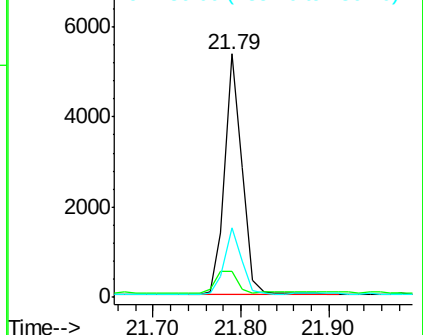
236 28.5 20.7 31.1



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: 0.309 ng

RT: 20.24 min Scan# 1900

Delta R.T. -0.00 min

Lab File: BE095942.D

Acq: 4 Apr 2018 12:02

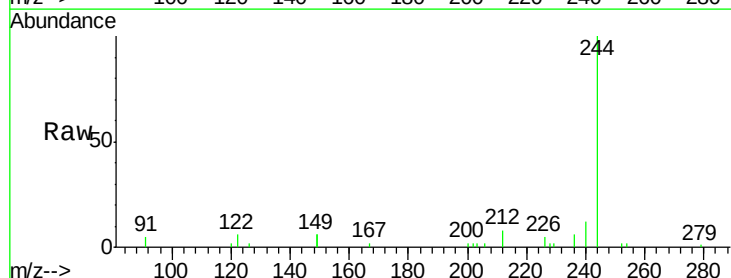
Tgt Ion:244 Resp: 4777

Ion Ratio Lower Upper

244 100

212 8.1 25.4 38.0#

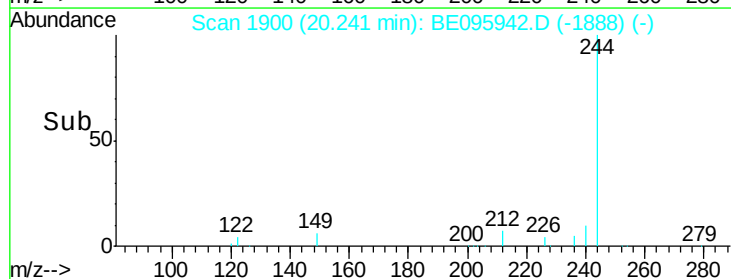
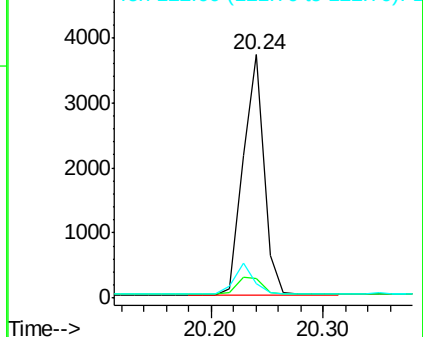
122 6.1 8.1 12.1#

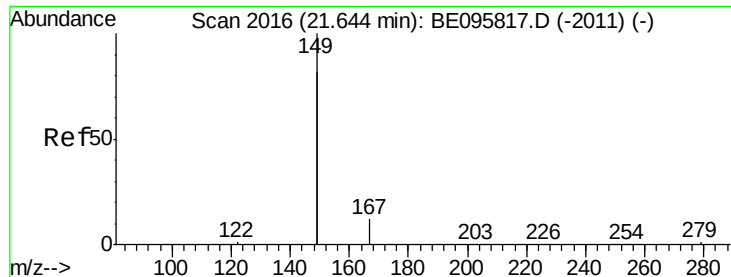


Abundance Ion 244.00 (243.70 to 244.70): E

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

Instrument :

BNA_E

ClientSampleId :

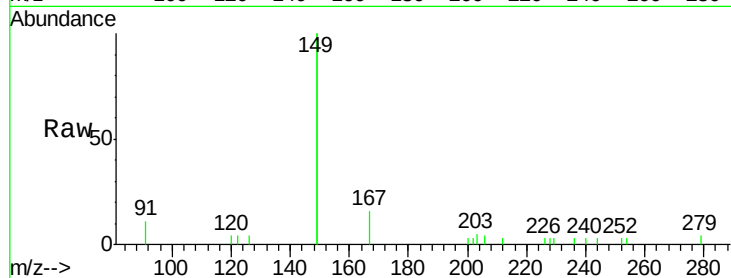
Tot Ion:149 Resp: 5499

Ion Ratio Lower Upper

149 100

167 7.3 5.4 8.0

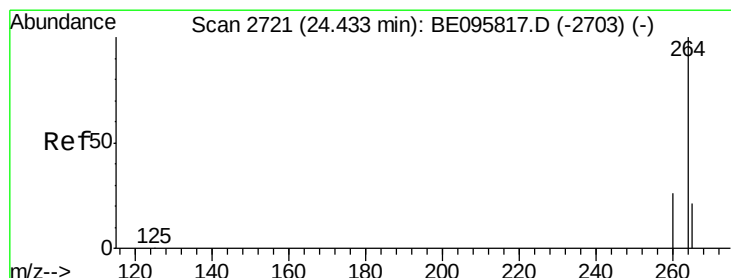
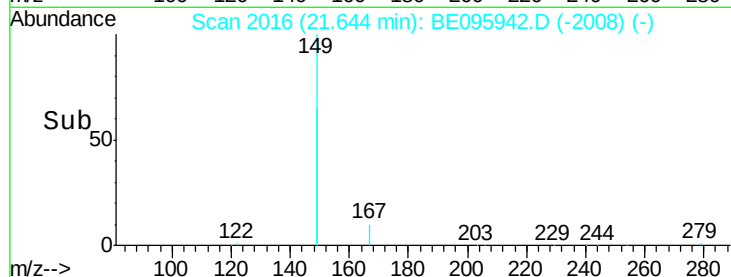
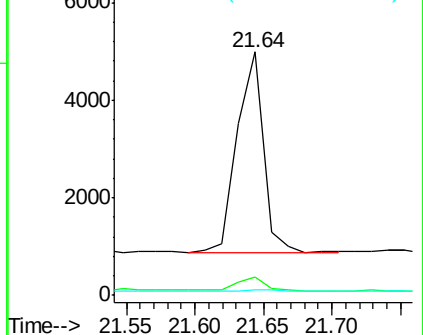
279 1.2 0.7 1.1#



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

Perylene-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

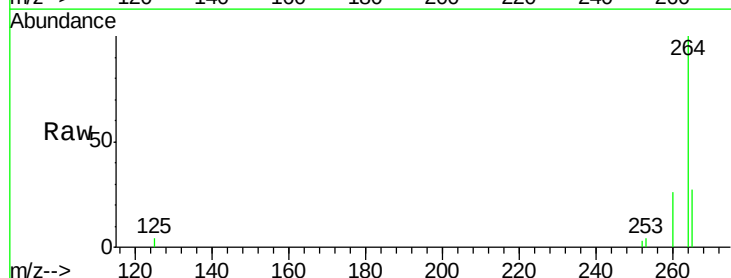
Tgt Ion:264 Resp: 7257

Ion Ratio Lower Upper

264 100

260 25.9 20.5 30.7

265 27.4 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

