

Data Path : Z:\HPCHEM1\BNA E\DATA\BE032618\
 Data File : BE095851.D
 Acq On : 26 Mar 2018 22:48
 Operator : SJ/JU
 Sample : J1980-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Mar 27 05:43:39 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

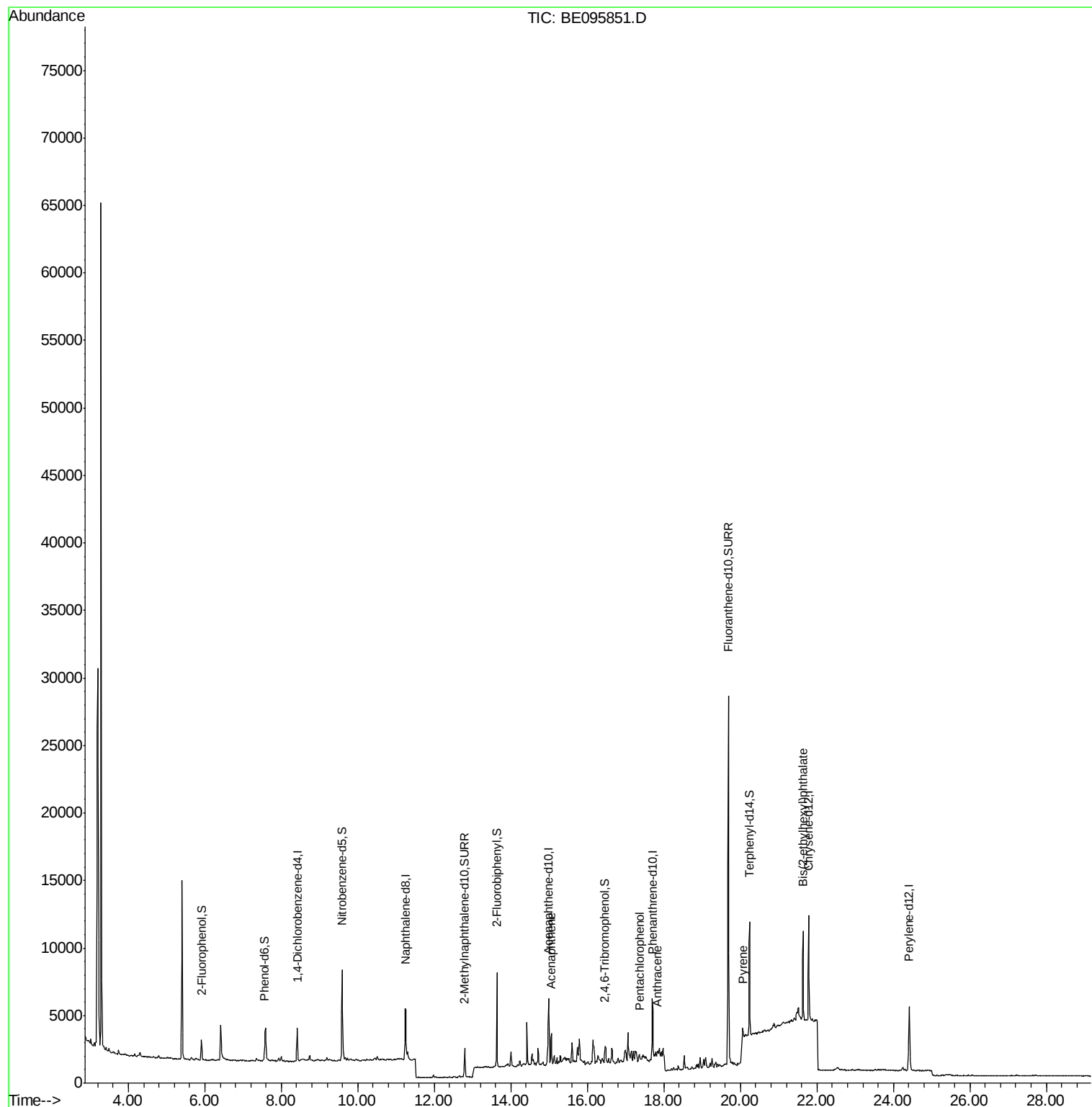
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.42	152	1206	0.40	ng	0.00
7) Naphthalene-d8	11.26	136	4545	0.40	ng	0.00
13) Acenaphthene-d10	14.99	164	2734	0.40	ng	-0.01
19) Phenanthrene-d10	17.70	188	6436	0.40	ng	-0.01
27) Chrysene-d12	21.79	240	7431	0.40	ng	-0.01
34) Perylene-d12	24.42	264	7305	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.91	112	676	0.17	ng	0.00
5) Phenol-d6	7.56	99	572	0.10	ng	0.00
8) Nitrobenzene-d5	9.59	82	2440	0.45	ng	0.00
11) 2-Methylnaphthalene-d10	12.79	152	2781	0.37	ng	0.00
14) 2,4,6-Tribromophenol	16.46	330	636	0.40	ng	-0.01
15) 2-Fluorobiphenyl	13.63	172	5997	0.52	ng	-0.01
25) Fluoranthene-d10	19.68	212	33962	0.36	ng	0.00
29) Terphenyl-d14	20.24	244	8646	0.55	ng	0.00
Target Compounds						
17) Acenaphthene	15.06	154	869	0.091	ng	Qvalue # 86
22) Pentachlorophenol	17.36	266	45	0.162	ng	# 97
24) Anthracene	17.83	178	505	0.026	ng	# 62
28) Pyrene	20.06	202	719	0.024	ng	# 73
32) Bis(2-ethylhexyl)phthalate	21.64	149	8418	0.107	ng	# 97

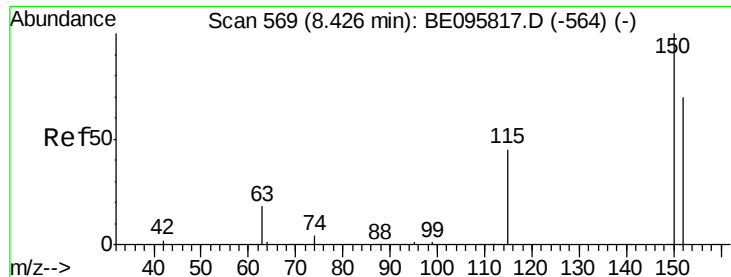
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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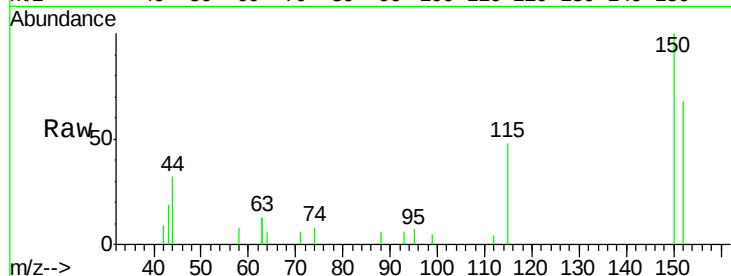


#1

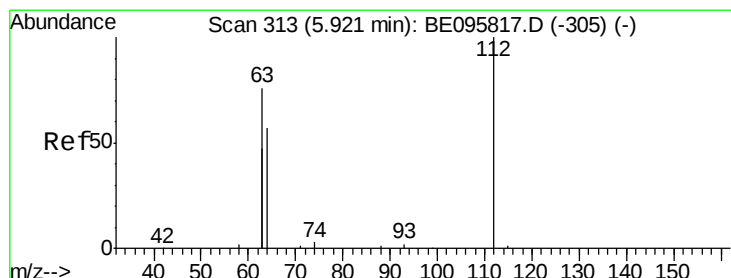
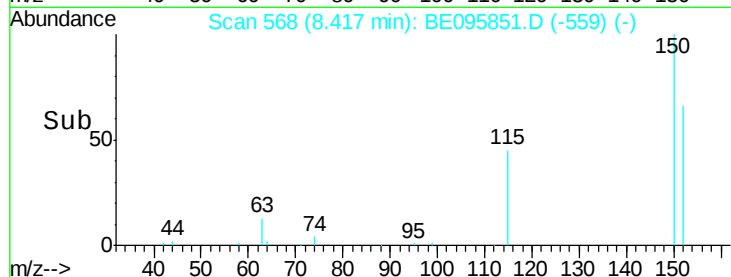
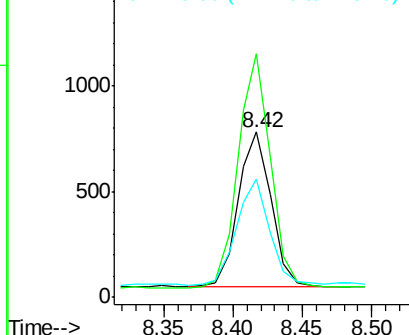
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.42 min Scan# 568
Delta R.T. -0.01 min
Lab File: BE095851.D
Acq: 26 Mar 2018 22:48

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 1206
Ion Ratio Lower Upper
152 100
150 147.6 117.2 175.8
115 71.6 57.0 85.6



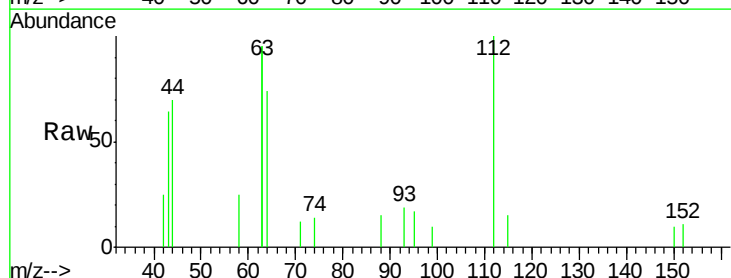
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



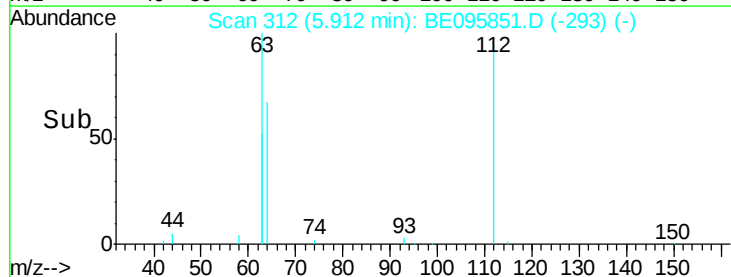
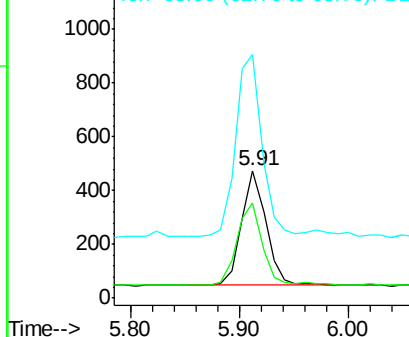
#4

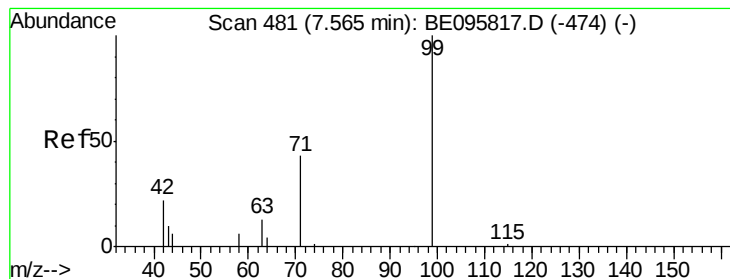
2-Fluorophenol
Concen: 0.170 ng
RT: 5.91 min Scan# 312
Delta R.T. -0.01 min
Lab File: BE095851.D
Acq: 26 Mar 2018 22:48

Tgt Ion:112 Resp: 676
Ion Ratio Lower Upper
112 100
64 75.7 60.1 90.1
63 168.5 116.8 175.2



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: 0.105 ng

RT: 7.56 min Scan# 480

Delta R.T. -0.01 min

Lab File: BE095851.D

Acq: 26 Mar 2018 22:48

Instrument :

BNA_E

ClientSampleId :

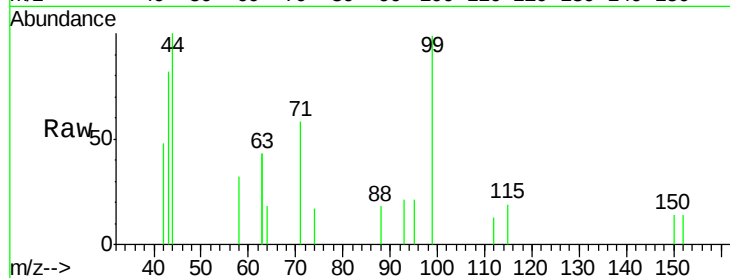
Tot Ion: 99 Resp: 572

Ion Ratio Lower Upper

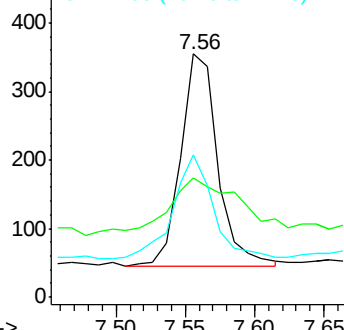
99 100

42 52.1 20.2 30.2#

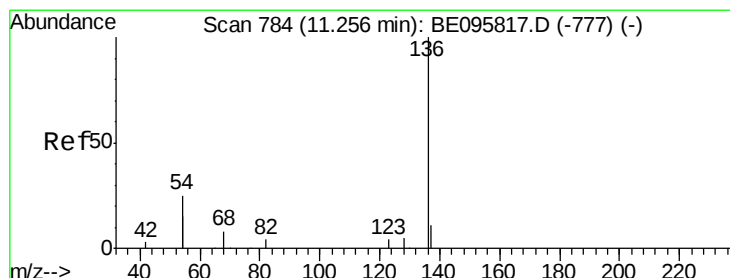
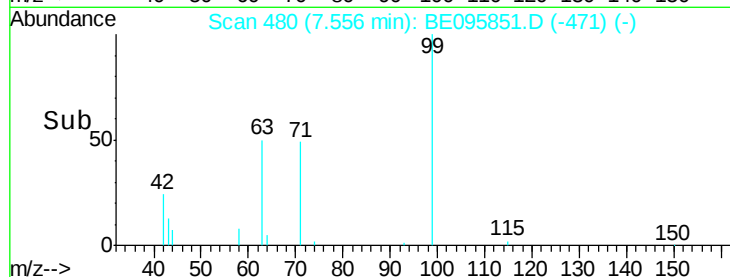
71 52.1 28.4 42.6#



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: BE095851.D

Acq: 26 Mar 2018 22:48

Tgt Ion: 136 Resp: 4545

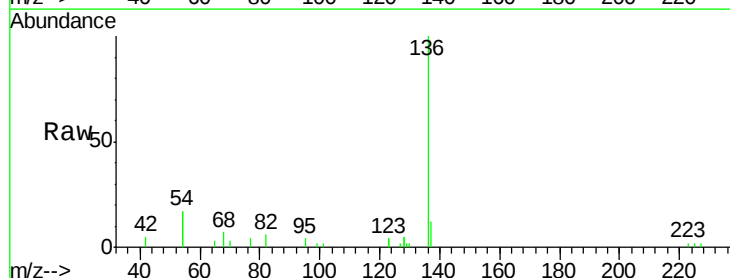
Ion Ratio Lower Upper

136 100

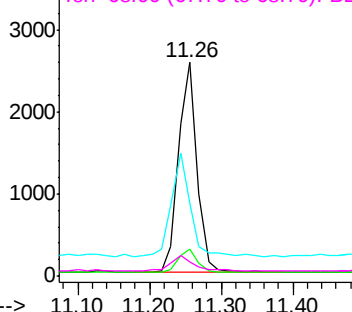
137 12.4 9.5 14.3

54 34.2 29.1 43.7

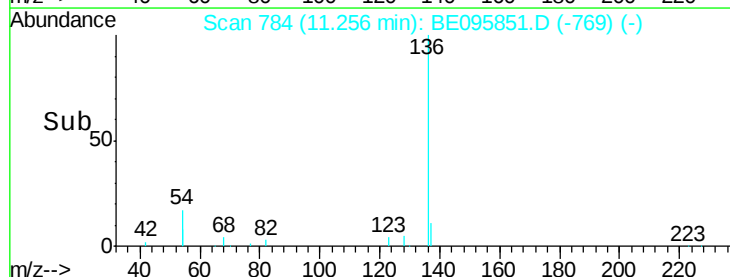
68 6.8 6.2 9.2



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: 0.454 ng

RT: 9.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: BE095851.D

Acq: 26 Mar 2018 22:48

Instrument :

BNA_E

ClientSampleId :

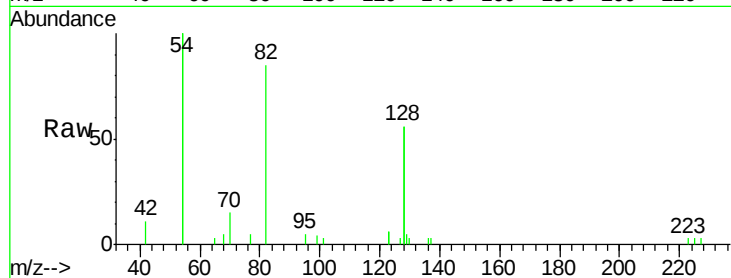
Tot Ion: 82 Resp: 2440

Ion Ratio Lower Upper

82 100

128 132.5 150.0 225.0#

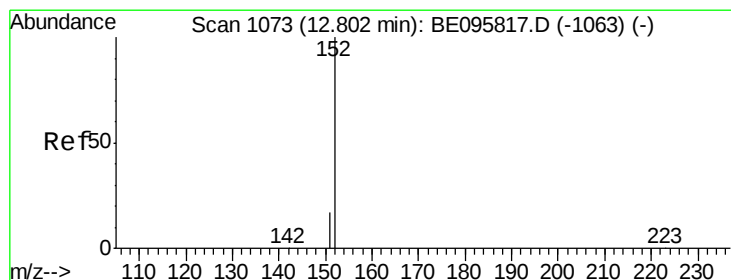
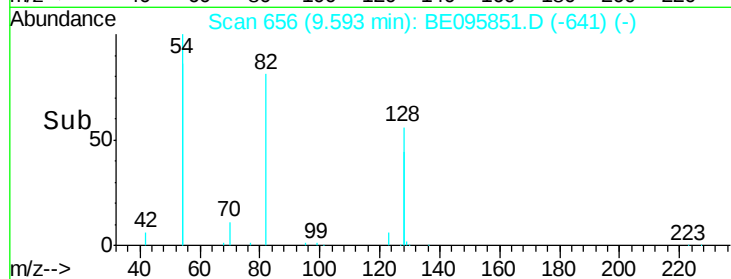
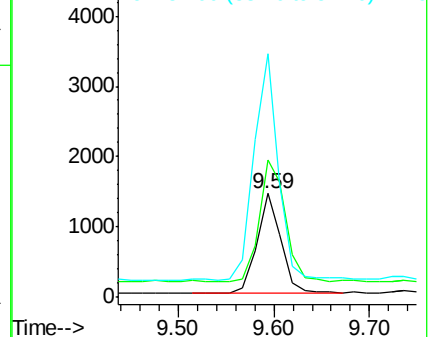
54 235.2 154.2 231.4#



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: 0.367 ng

RT: 12.79 min Scan# 1071

Delta R.T. -0.01 min

Lab File: BE095851.D

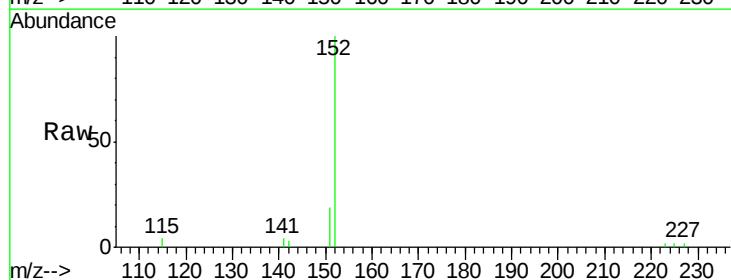
Acq: 26 Mar 2018 22:48

Tgt Ion: 152 Resp: 2781

Ion Ratio Lower Upper

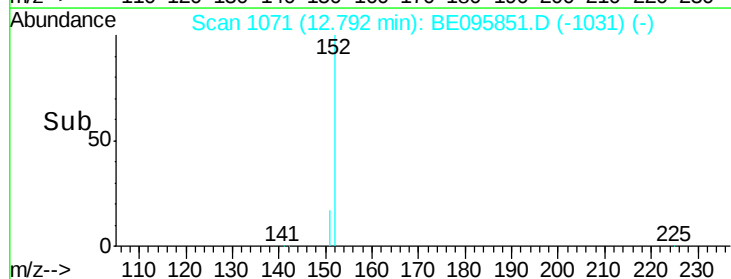
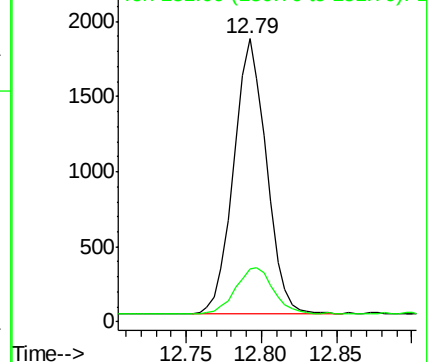
152 100

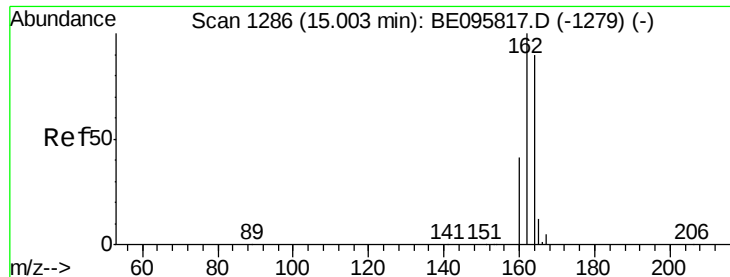
151 19.2 15.4 23.0



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: BE095851.D

Acq: 26 Mar 2018 22:48

Instrument :

BNA_E

ClientSampled :

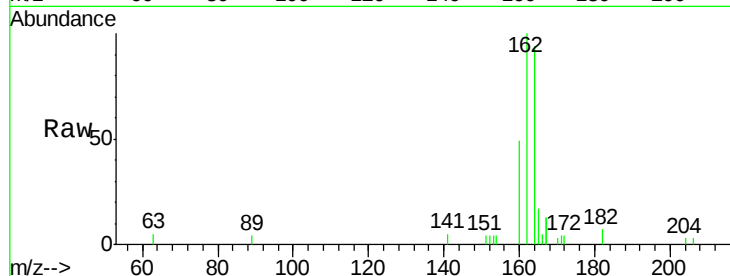
Tot Ion:164 Resp: 2734

Ion Ratio Lower Upper

164 100

162 106.9 83.1 124.7

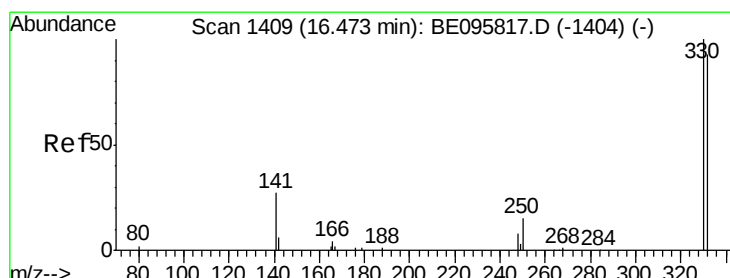
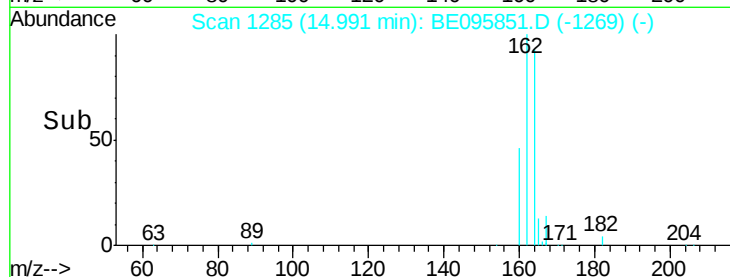
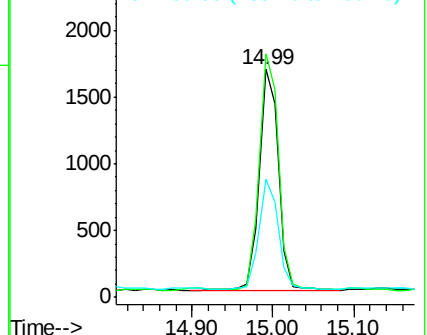
160 52.1 37.1 55.7



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: 0.403 ng

RT: 16.46 min Scan# 1408

Delta R.T. -0.01 min

Lab File: BE095851.D

Acq: 26 Mar 2018 22:48

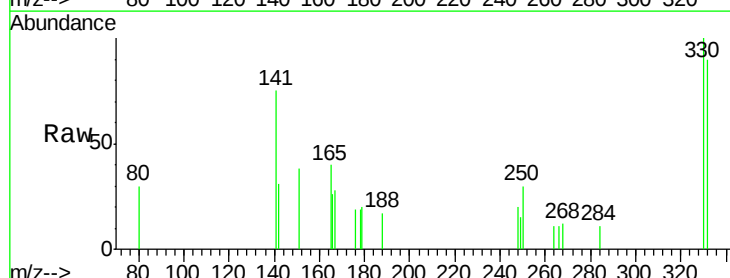
Tgt Ion:330 Resp: 636

Ion Ratio Lower Upper

330 100

332 90.9 152.7 229.1#

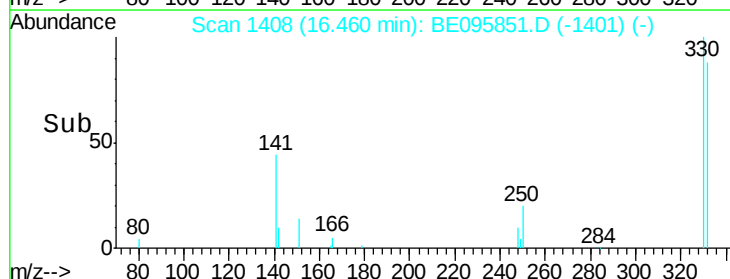
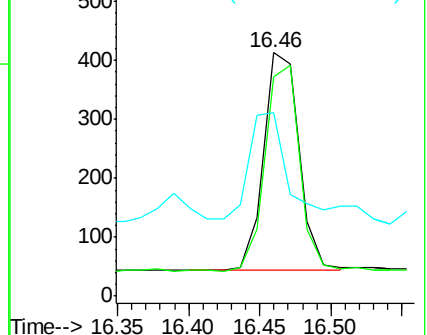
141 52.7 33.7 50.5#

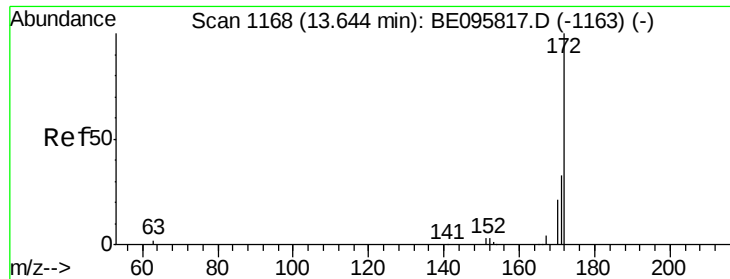


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

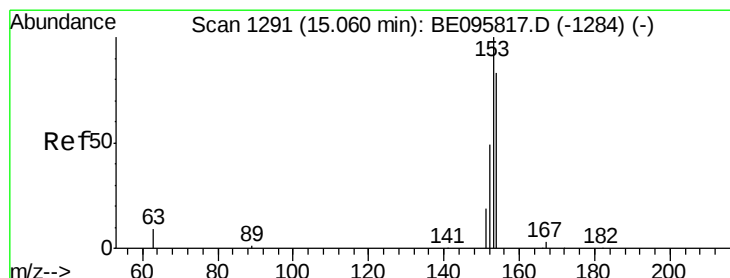
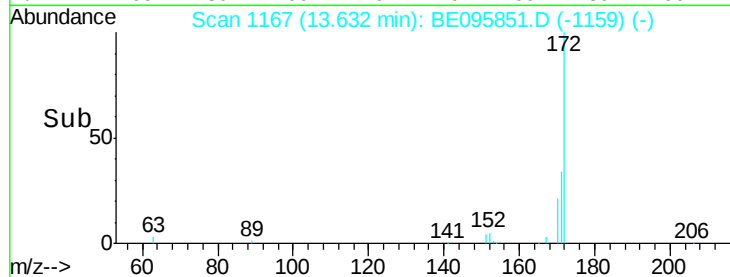
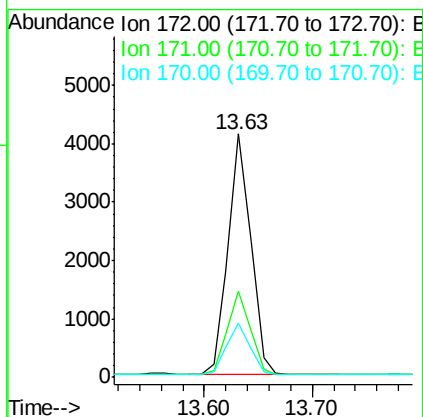
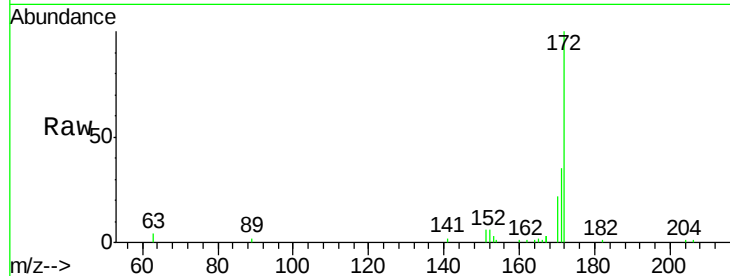




#15
2-Fluorobiphenyl
Concen: 0.520 ng
RT: 13.63 min Scan# 1167
Delta R.T. -0.01 min
Lab File: BE095851.D
Acq: 26 Mar 2018 22:48

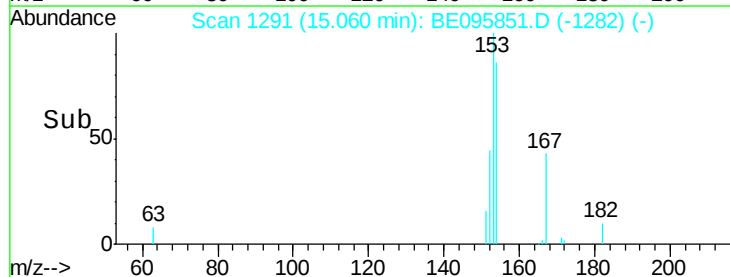
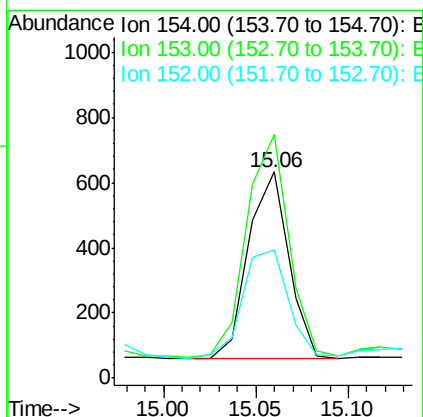
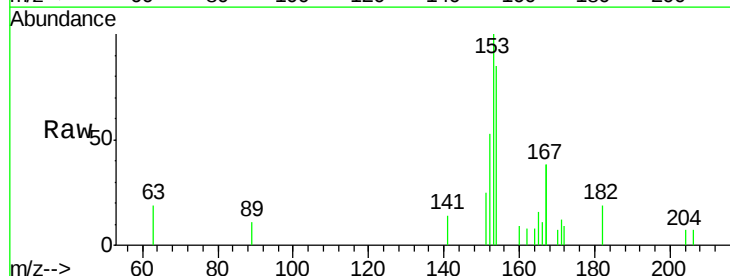
Instrument :
BNA_E
ClientSampleId :

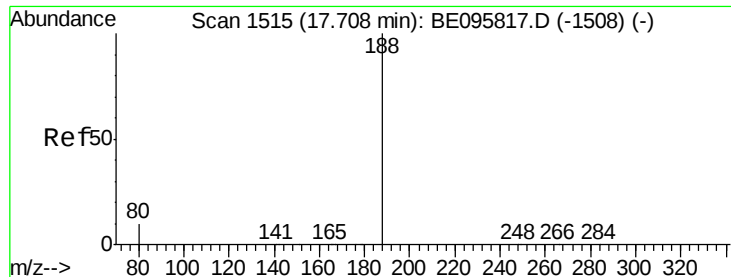
Tot Ion:172 Resp: 5997
Ion Ratio Lower Upper
172 100
171 35.2 29.9 44.9
170 22.1 21.8 32.8



#17
Acenaphthene
Concen: 0.091 ng
RT: 15.06 min Scan# 1291
Delta R.T. -0.00 min
Lab File: BE095851.D
Acq: 26 Mar 2018 22:48

Tgt Ion:154 Resp: 869
Ion Ratio Lower Upper
154 100
153 123.5 89.2 133.8
152 66.2 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: BE095851.D

Acq: 26 Mar 2018 22:48

Instrument :

BNA_E

ClientSampled :

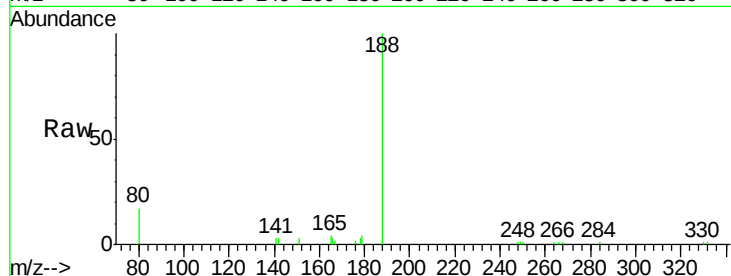
Tot Ion:188 Resp: 6436

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

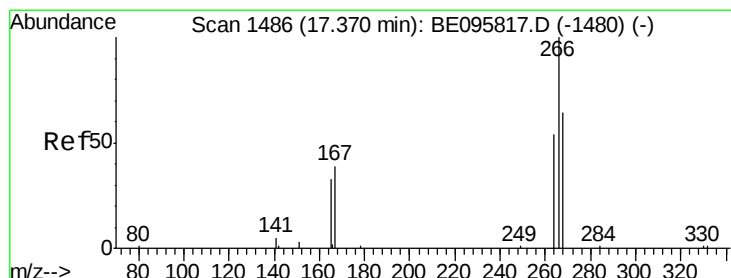
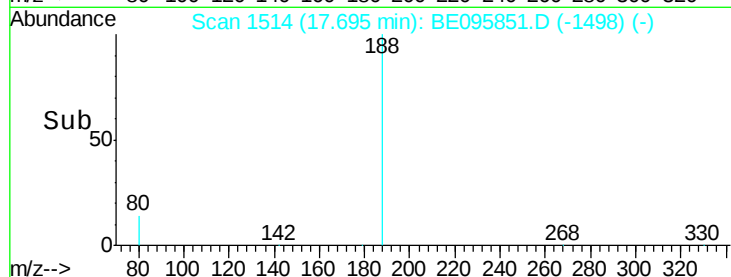
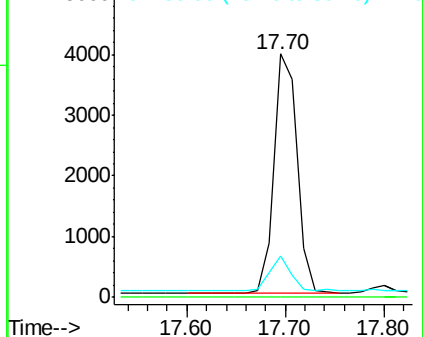
80 16.9 3.6 5.4#



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: 0.162 ng

RT: 17.36 min Scan# 1485

Delta R.T. -0.01 min

Lab File: BE095851.D

Acq: 26 Mar 2018 22:48

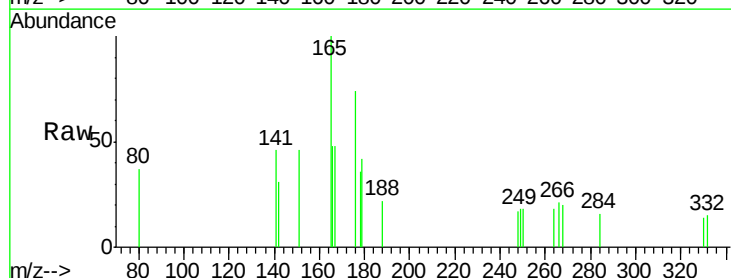
Tgt Ion:266 Resp: 45

Ion Ratio Lower Upper

266 100

264 88.9 72.5 108.7

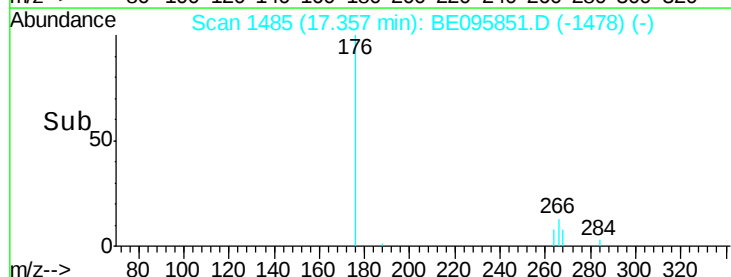
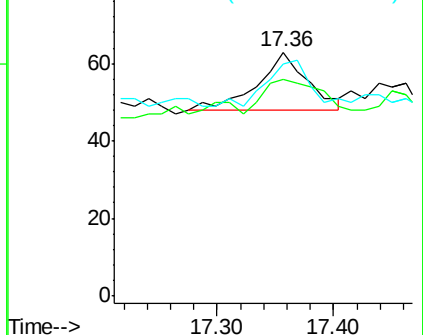
268 95.2 73.8 110.6

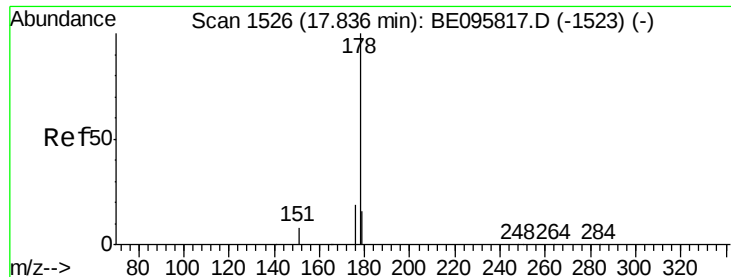


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#24

Anthracene

Concen: 0.026 ng

RT: 17.83 min Scan# 1526

Delta R.T. -0.00 min

Lab File: BE095851.D

Acq: 26 Mar 2018 22:48

Instrument :

BNA_E

ClientSampled :

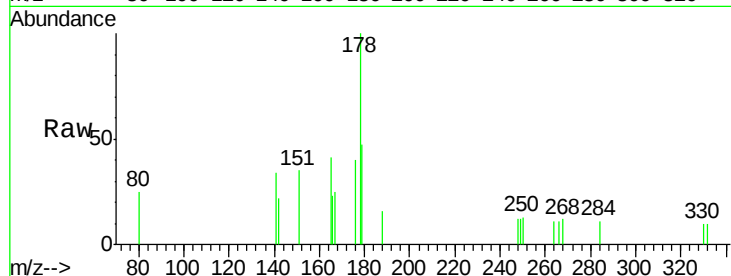
Tot Ion:178 Resp: 505

Ion Ratio Lower Upper

178 100

176 0.0 12.8 19.2#

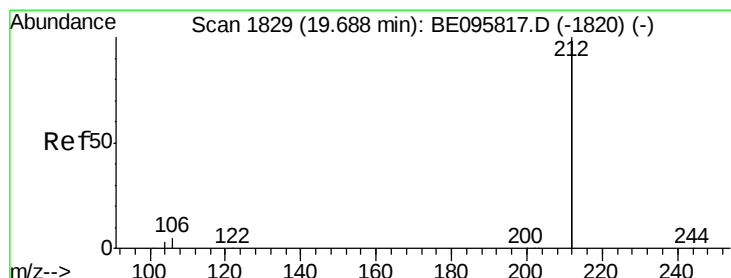
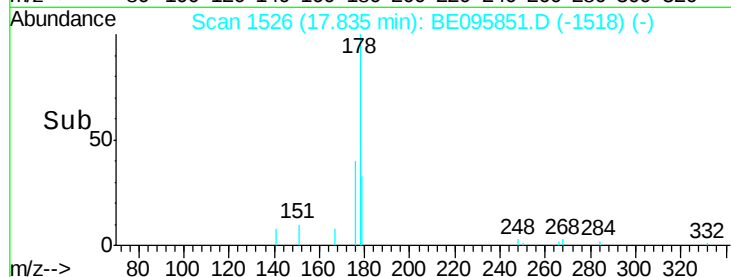
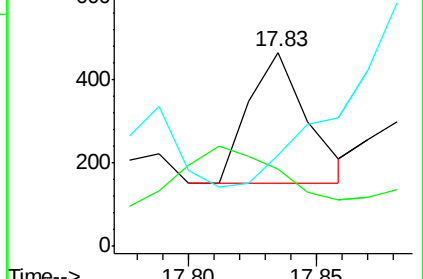
179 0.0 13.0 19.6#



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: 0.355 ng

RT: 19.68 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BE095851.D

Acq: 26 Mar 2018 22:48

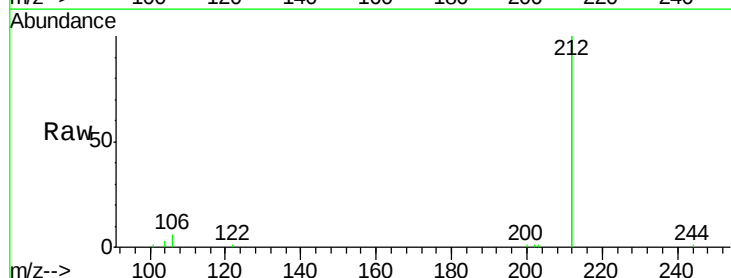
Tgt Ion:212 Resp: 33962

Ion Ratio Lower Upper

212 100

106 2.9 2.8 4.2

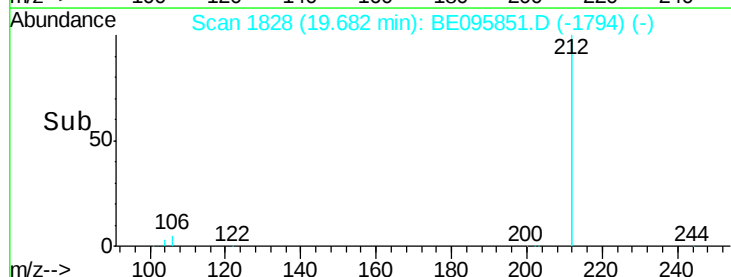
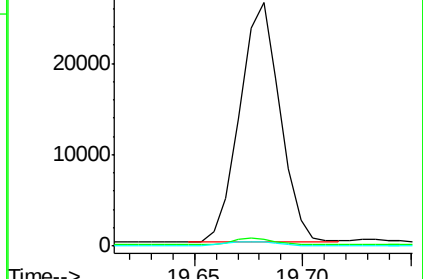
104 1.7 1.6 2.4

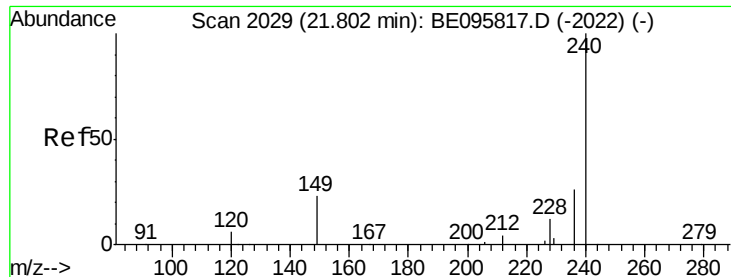


Abundance Ion 212.00 (211.70 to 212.70): E

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: BE095851.D

Acq: 26 Mar 2018 22:48

Instrument :

BNA_E

ClientSampleId :

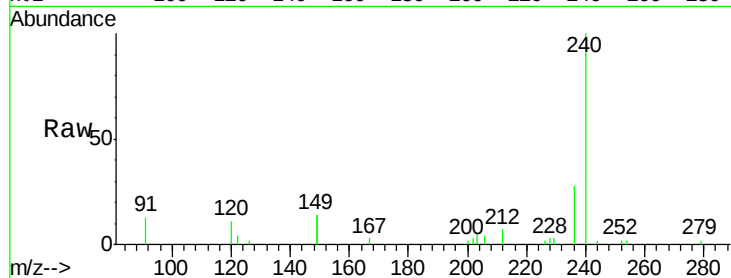
Tot Ion:240 Resp: 7431

Ion Ratio Lower Upper

240 100

120 10.8 5.5 8.3#

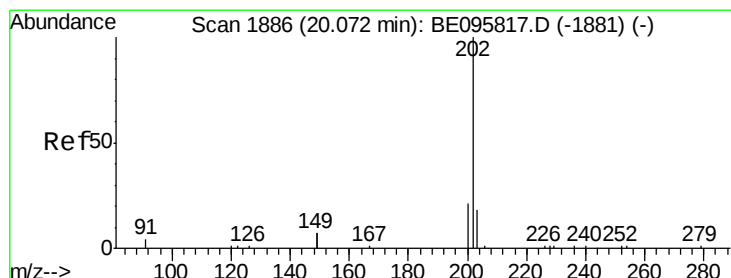
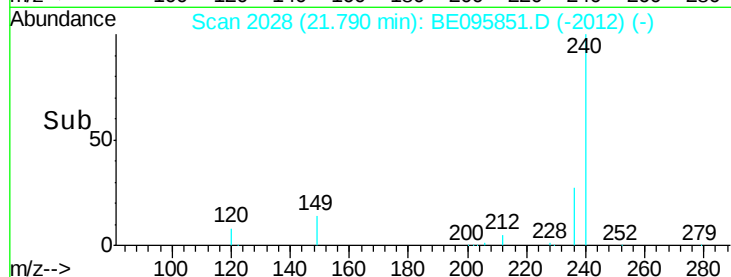
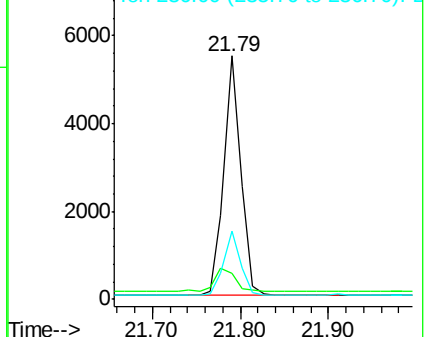
236 28.2 20.7 31.1



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



#28

Pyrene

Concen: 0.024 ng

RT: 20.06 min Scan# 1885

Delta R.T. -0.01 min

Lab File: BE095851.D

Acq: 26 Mar 2018 22:48

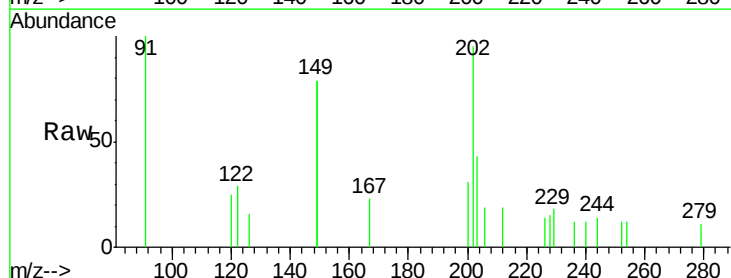
Tgt Ion:202 Resp: 719

Ion Ratio Lower Upper

202 100

200 22.1 16.6 25.0

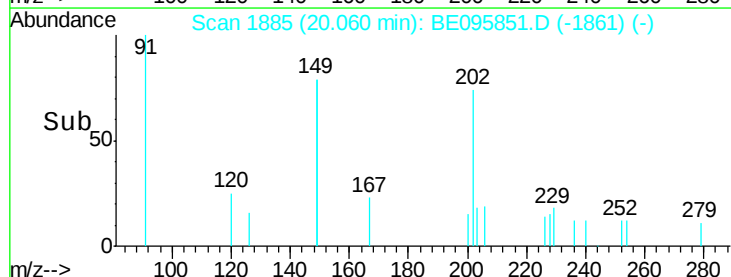
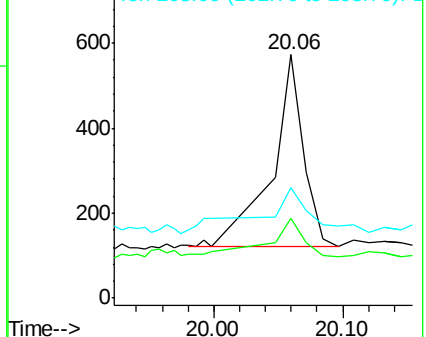
203 41.3 13.8 20.8#

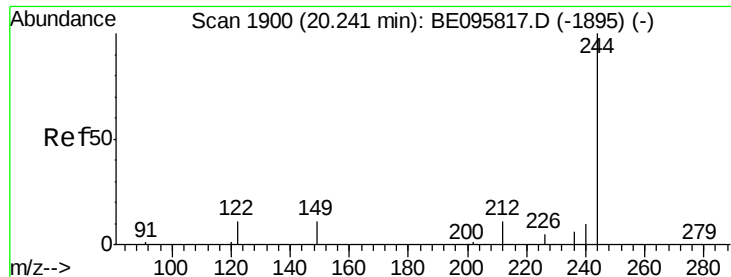


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.548 ng

RT: 20.24 min Scan# 1900

Delta R.T. 0.00 min

Lab File: BE095851.D

Acq: 26 Mar 2018 22:48

Instrument :

BNA_E

ClientSampleId :

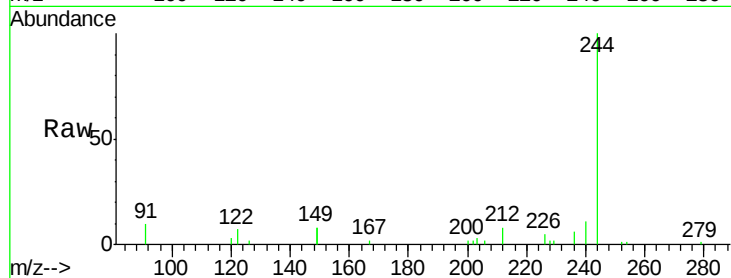
Tot Ion:244 Resp: 8646

Ion Ratio Lower Upper

244 100

212 8.0 25.4 38.0#

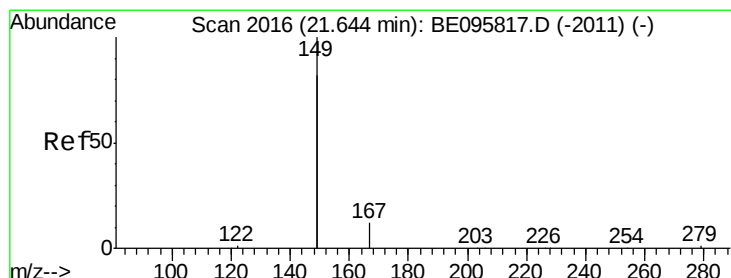
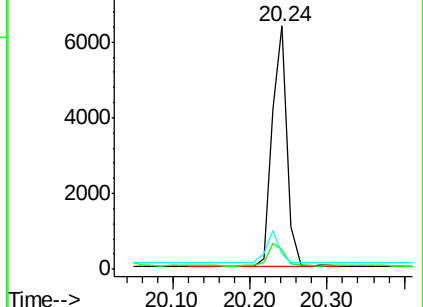
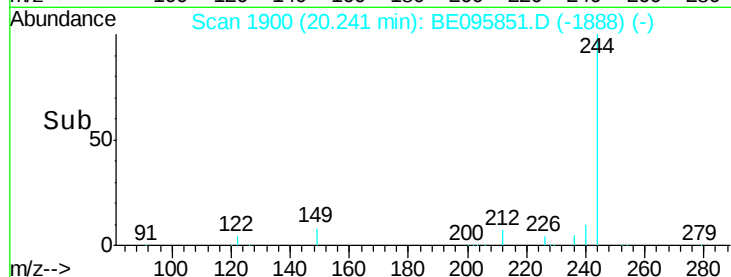
122 6.7 8.1 12.1#



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: 0.107 ng

RT: 21.64 min Scan# 2016

Delta R.T. 0.00 min

Lab File: BE095851.D

Acq: 26 Mar 2018 22:48

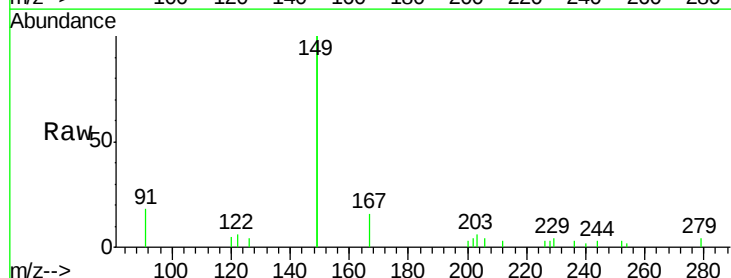
Tgt Ion:149 Resp: 8418

Ion Ratio Lower Upper

149 100

167 7.7 5.4 8.0

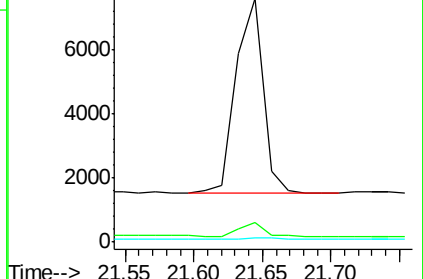
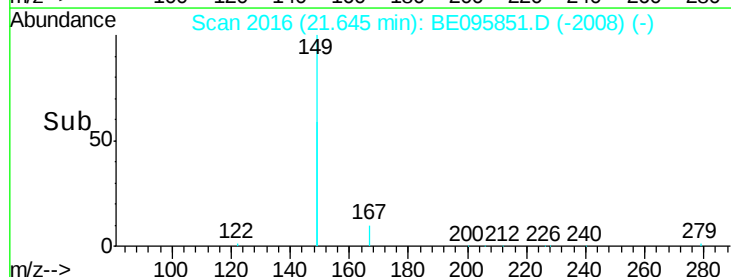
279 1.1 0.7 1.1#

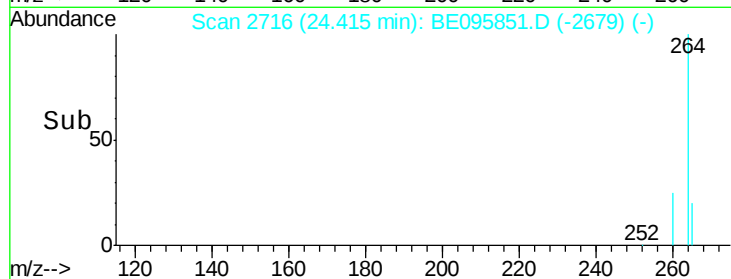
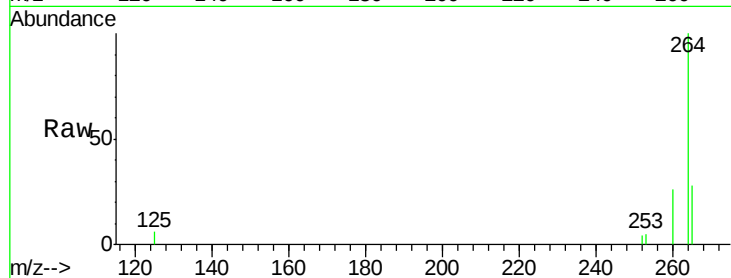
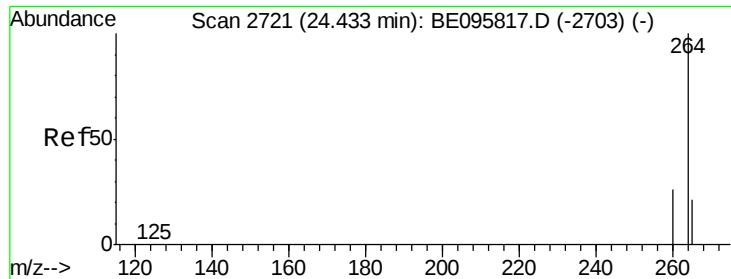


Abundance Ion 149.00 (148.70 to 149.70): E

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# 2716

Delta R.T. -0.02 min

Lab File: BE095851.D

Acq: 26 Mar 2018 22:48

Instrument :

BNA_E

ClientSampleId :

Tot Ion: 264 Resp: 7305

Ion Ratio Lower Upper

264 100

260 26.4 20.5 30.7

265 28.1 22.8 34.2

