

Data Path : Z:\HPCHEM1\BNA E\DATA\BE040218\
 Data File : BE095923.D
 Acq On : 2 Apr 2018 12:34
 Operator : SJ/JU
 Sample : J2083-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Apr 03 03:49:08 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

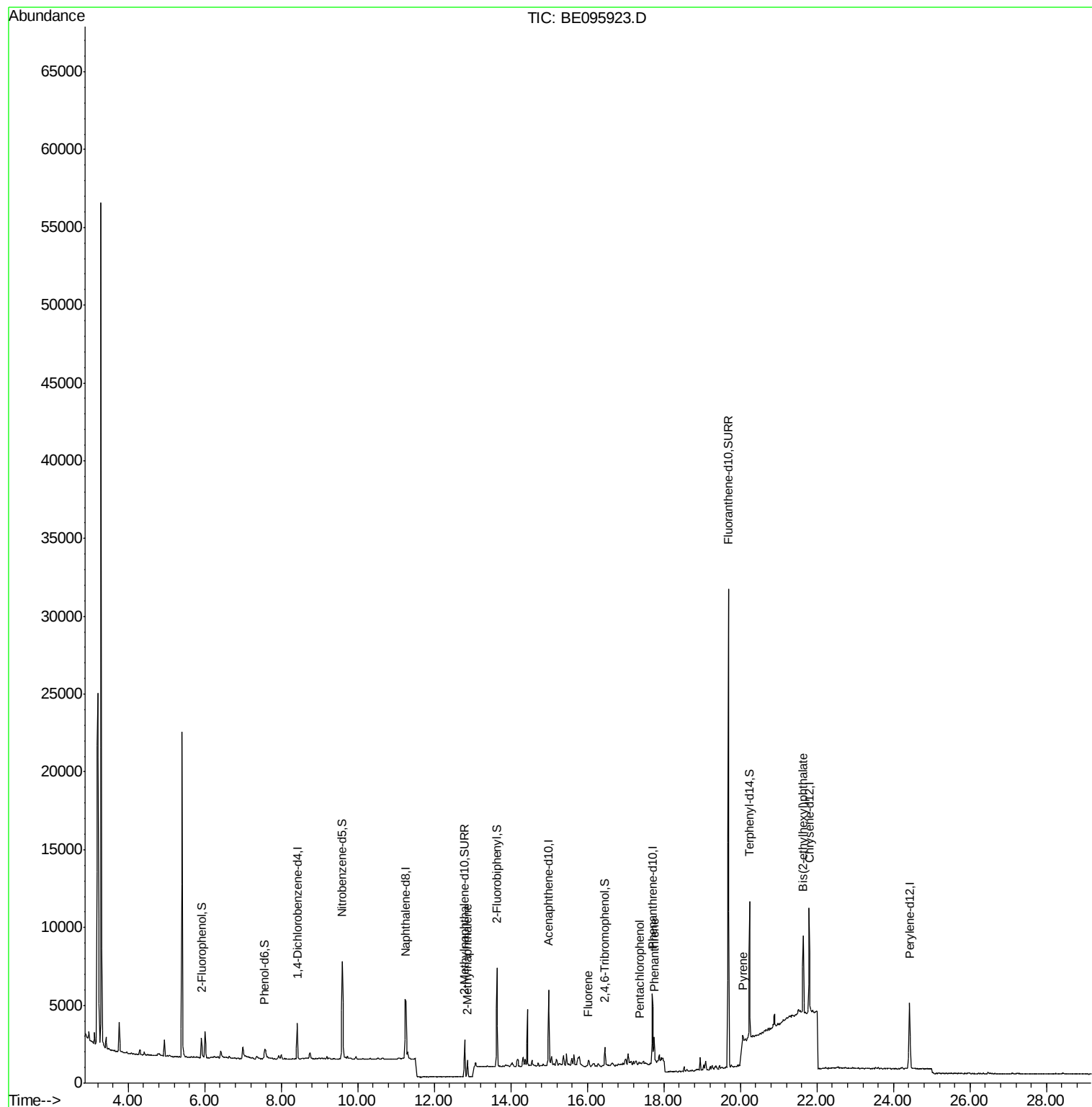
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.42	152	1148	0.40	ng	0.00
7) Naphthalene-d8	11.26	136	4668	0.40	ng	0.00
13) Acenaphthene-d10	14.99	164	2764	0.40	ng	-0.01
19) Phenanthrene-d10	17.70	188	6389	0.40	ng	-0.01
27) Chrysene-d12	21.79	240	6647	0.40	ng	-0.01
34) Perylene-d12	24.42	264	6500	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.91	112	595	0.16	ng	0.00
5) Phenol-d6	7.56	99	507	0.10	ng	0.00
8) Nitrobenzene-d5	9.59	82	2339	0.42	ng	0.00
11) 2-Methylnaphthalene-d10	12.79	152	3321	0.43	ng	0.00
14) 2,4,6-Tribromophenol	16.46	330	674	0.42	ng	-0.01
15) 2-Fluorobiphenyl	13.63	172	5435	0.47	ng	-0.01
25) Fluoranthene-d10	19.68	212	37893	0.40	ng	0.00
29) Terphenyl-d14	20.24	244	8107	0.57	ng	0.00
Target Compounds						
12) 2-Methylnaphthalene	12.86	142	744	0.082	ng	# 93
18) Fluorene	16.02	166	313	0.025	ng	# 69
22) Pentachlorophenol	17.36	266	47	0.163	ng	97
23) Phenanthrene	17.74	178	1746	0.091	ng	97
28) Pyrene	20.06	202	576	0.021	ng	# 64
32) Bis(2-ethylhexyl)phthalate	21.64	149	6052	0.086	ng	# 96

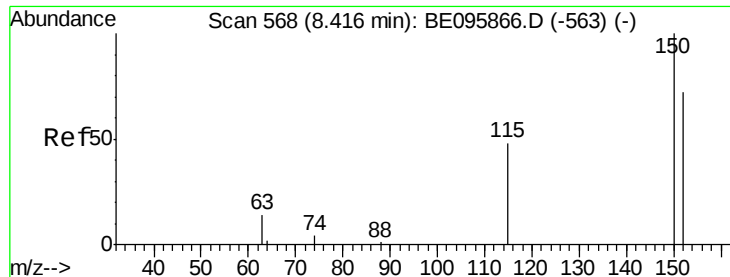
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA E\DATA\BE040218\
Data File : BE095923.D
Acq On : 2 Apr 2018 12:34
Operator : SJ/JU
Sample : J2083-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Apr 03 03:49:08 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



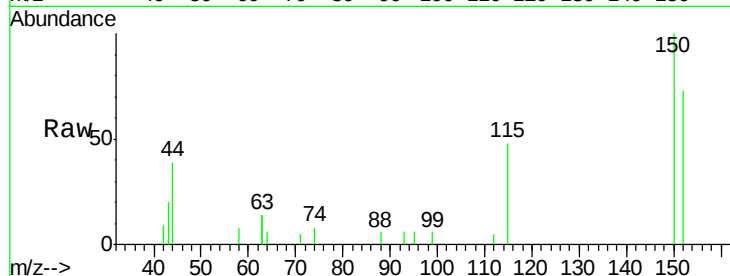


#1

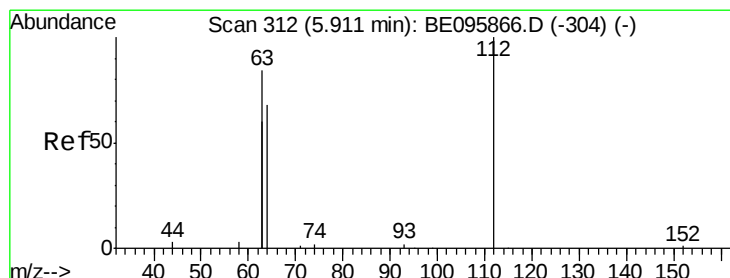
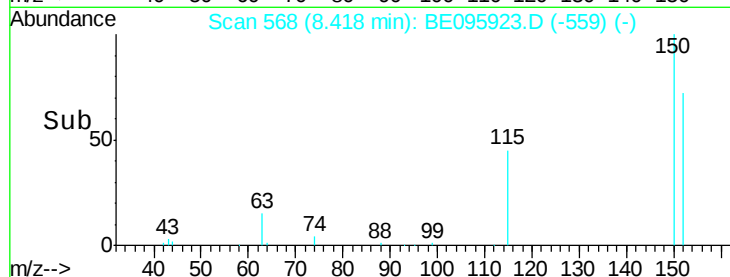
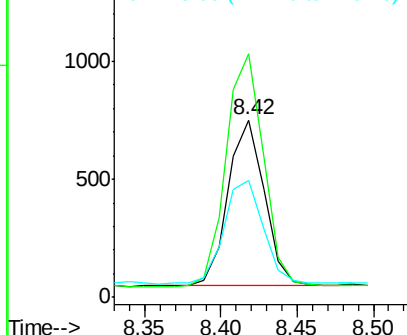
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.42 min Scan# 568
Delta R.T. -0.01 min
Lab File: BE095923.D
Acq: 2 Apr 2018 12:34

Instrument :
BNA_E
ClientSampled :

Tot Ion:152 Resp: 1148
Ion Ratio Lower Upper
152 100
150 137.2 117.2 175.8
115 66.2 57.0 85.6



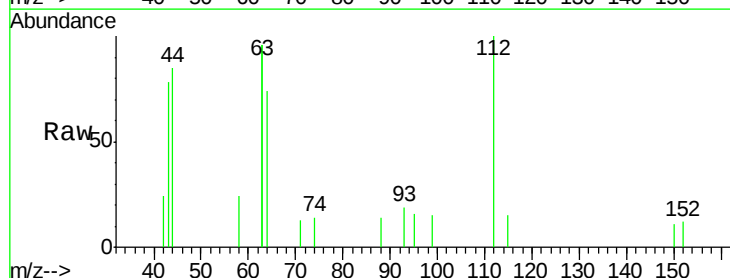
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



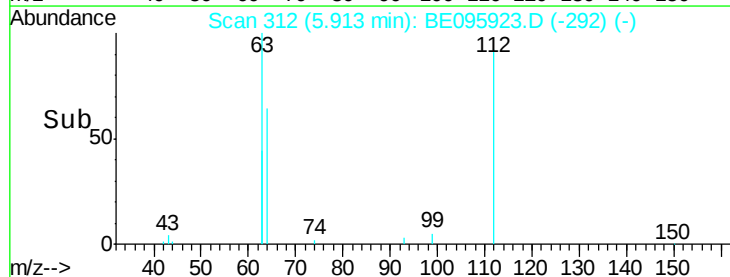
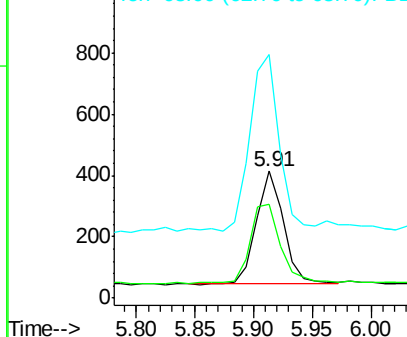
#4

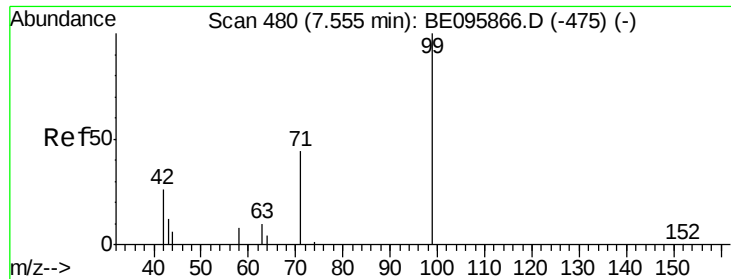
2-Fluorophenol
Concen: 0.157 ng
RT: 5.91 min Scan# 312
Delta R.T. -0.01 min
Lab File: BE095923.D
Acq: 2 Apr 2018 12:34

Tgt Ion:112 Resp: 595
Ion Ratio Lower Upper
112 100
64 80.0 60.1 90.1
63 166.7 116.8 175.2



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: 0.097 ng

RT: 7.56 min Scan# 480

Delta R.T. -0.01 min

Lab File: BE095923.D

Acq: 2 Apr 2018 12:34

Instrument :

BNA_E

ClientSampleId :

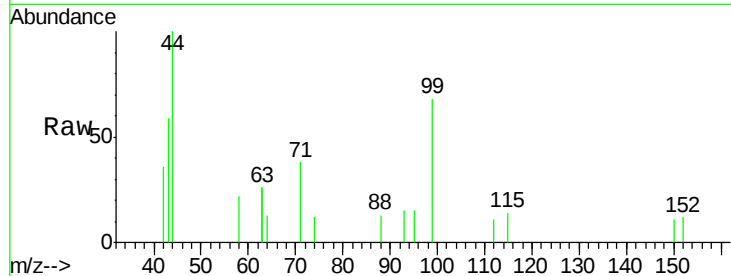
Tot Ion: 99 Resp: 507

Ion Ratio Lower Upper

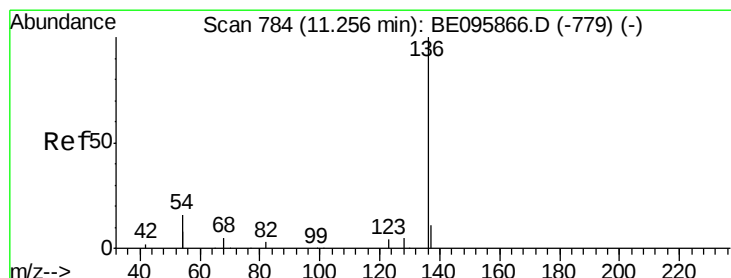
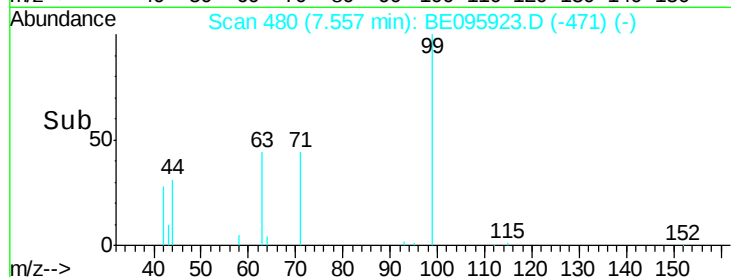
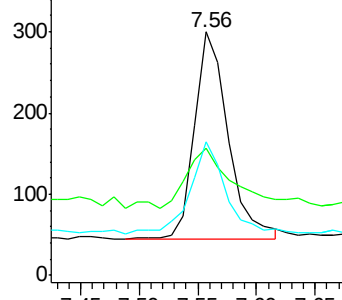
99 100

42 38.1 20.2 30.2#

71 46.4 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



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 11.26 min Scan# 784

Delta R.T. 0.00 min

Lab File: BE095923.D

Acq: 2 Apr 2018 12:34

Tgt Ion: 136 Resp: 4668

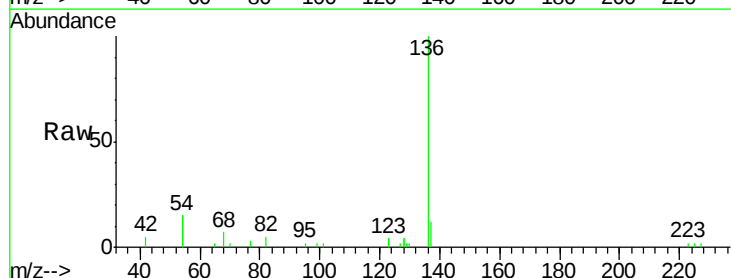
Ion Ratio Lower Upper

136 100

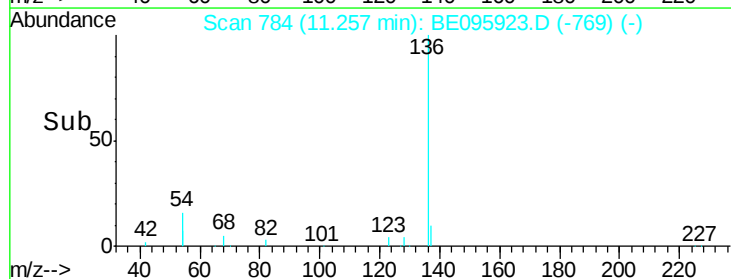
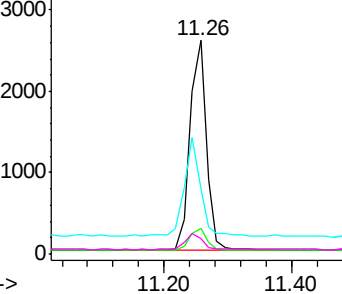
137 11.8 9.5 14.3

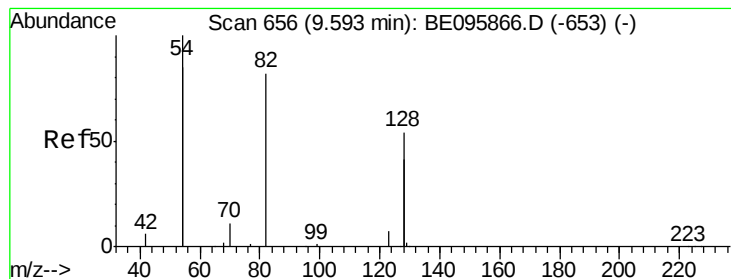
54 30.7 29.1 43.7

68 6.9 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: 0.424 ng

RT: 9.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: BE095923.D

Acq: 2 Apr 2018 12:34

Instrument :

BNA_E

ClientSampleId :

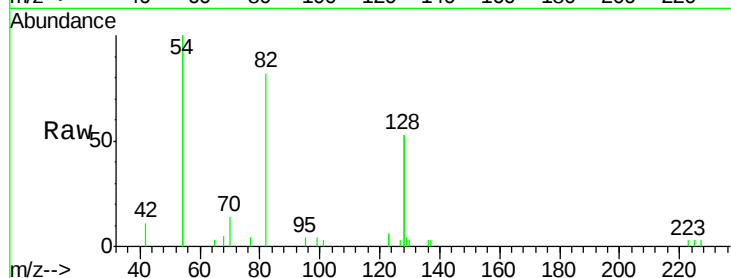
Tot Ion: 82 Resp: 2339

Ion Ratio Lower Upper

82 100

128 129.1 150.0 225.0#

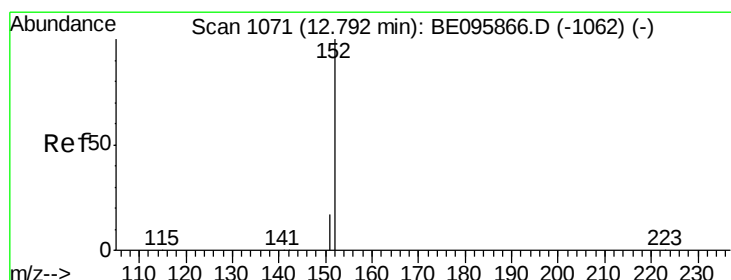
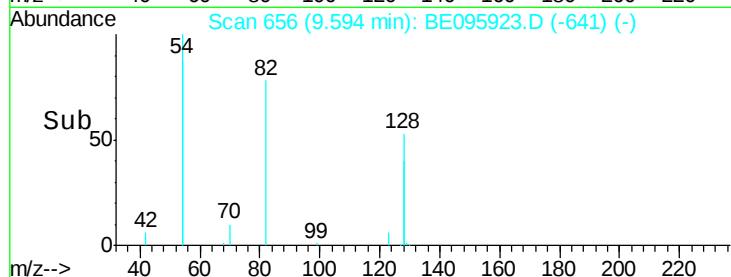
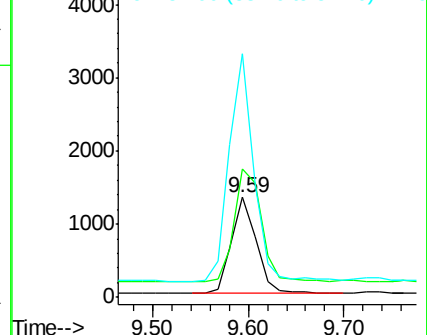
54 244.0 154.2 231.4#



Abundance Ion 82.00 (81.70 to 82.70): BE095866.D (-653) (-)

Ion 128.00 (127.70 to 128.70): BE095866.D (-653) (-)

Ion 54.00 (53.70 to 54.70): BE095866.D (-653) (-)



#11

2-Methylnaphthalene-d10

Concen: 0.426 ng

RT: 12.79 min Scan# 1071

Delta R.T. -0.01 min

Lab File: BE095923.D

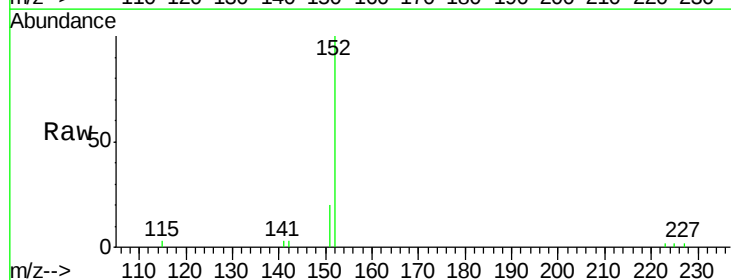
Acq: 2 Apr 2018 12:34

Tgt Ion: 152 Resp: 3321

Ion Ratio Lower Upper

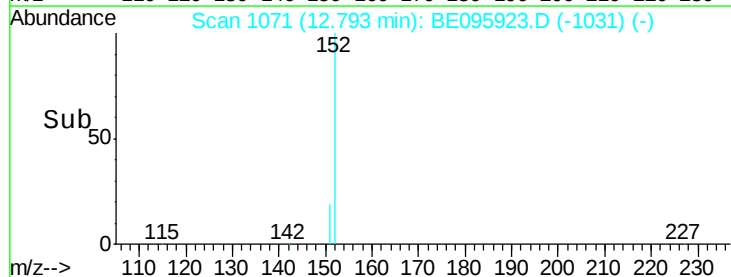
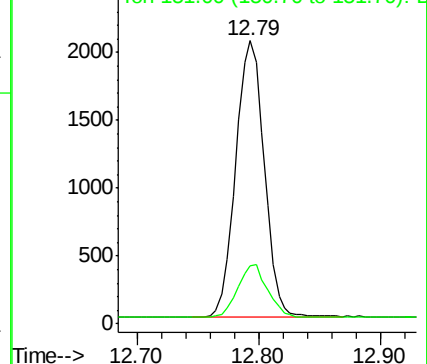
152 100

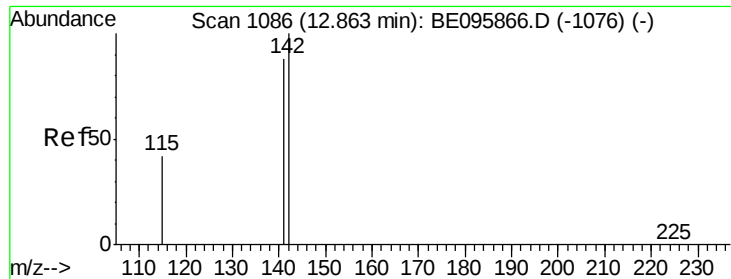
151 19.9 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): BE095866.D (-1062) (-)

Ion 151.00 (150.70 to 151.70): BE095866.D (-1062) (-)

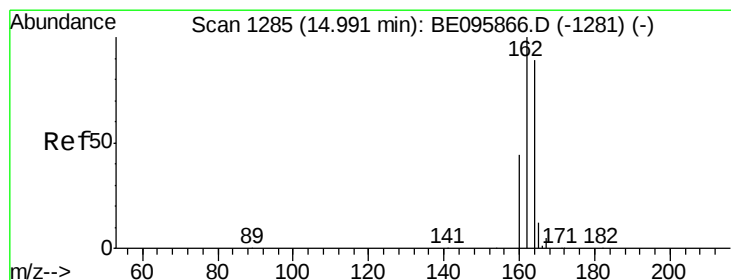
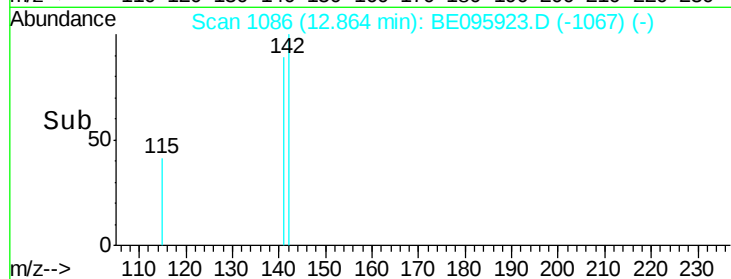
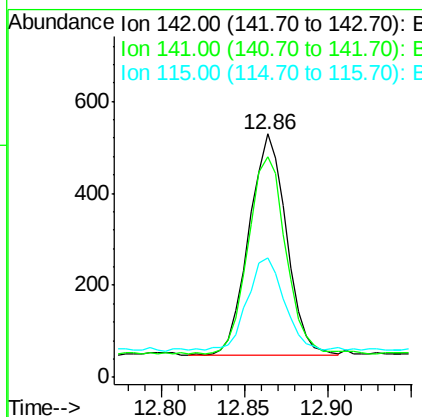
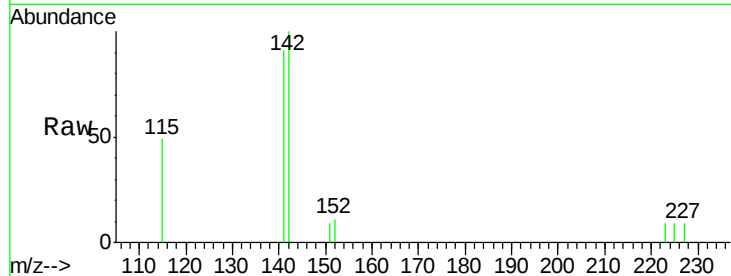




#12
2-Methylnaphthalene
Concen: 0.082 ng
RT: 12.86 min Scan# 1086
Delta R.T. -0.01 min
Lab File: BE095923.D
Acq: 2 Apr 2018 12:34

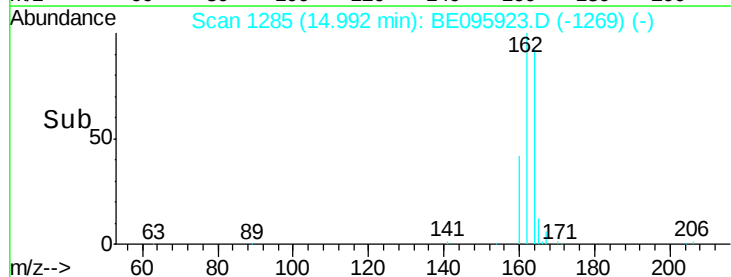
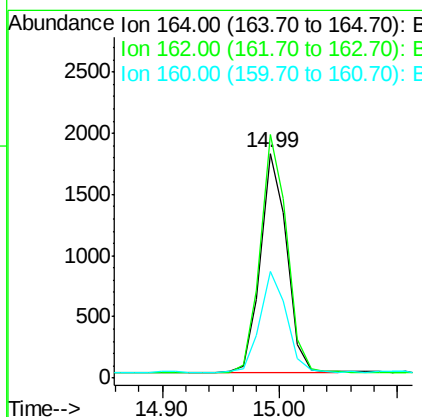
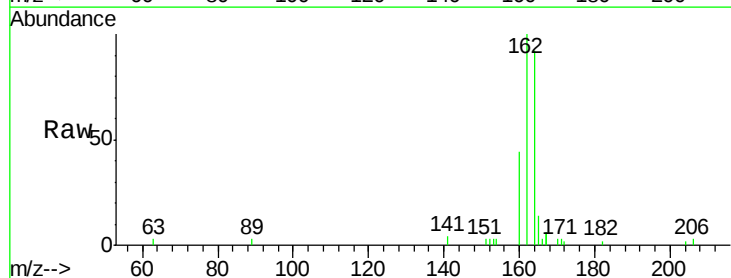
Instrument :
BNA_E
ClientSampleId :

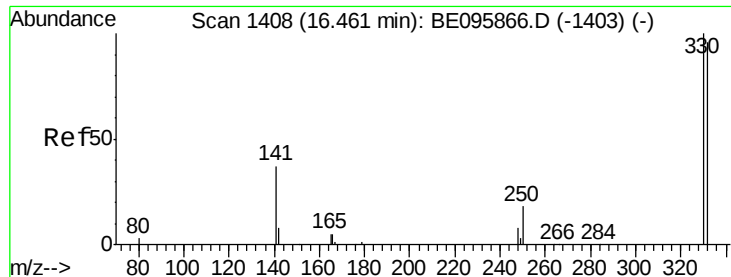
Tot Ion:142 Resp: 744
Ion Ratio Lower Upper
142 100
141 90.5 70.4 105.6
115 49.1 31.7 47.5#



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.99 min Scan# 1285
Delta R.T. -0.01 min
Lab File: BE095923.D
Acq: 2 Apr 2018 12:34

Tgt Ion:164 Resp: 2764
Ion Ratio Lower Upper
164 100
162 108.2 83.1 124.7
160 47.4 37.1 55.7

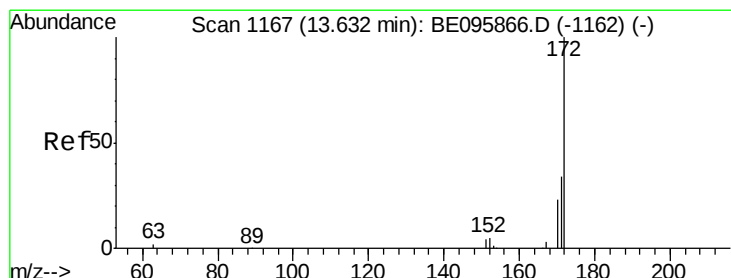
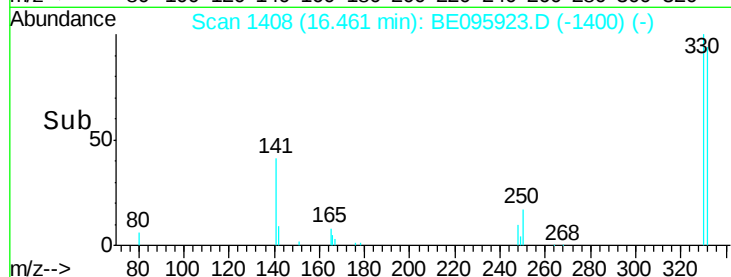
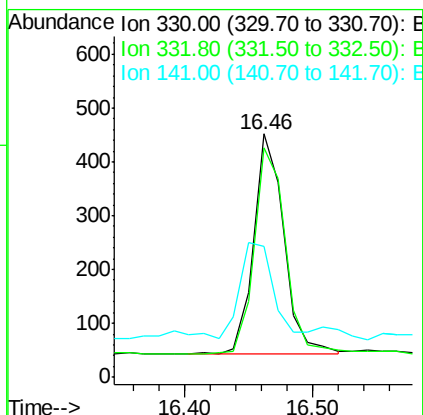
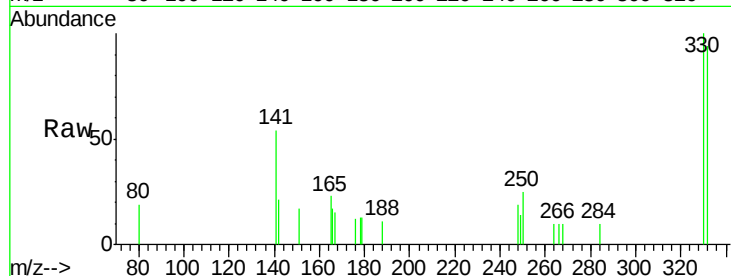




#14
 2,4,6-Tribromophenol
 Concen: 0.423 ng
 RT: 16.46 min Scan# 1408
 Delta R.T. -0.01 min
 Lab File: BE095923.D
 Acq: 2 Apr 2018 12:34

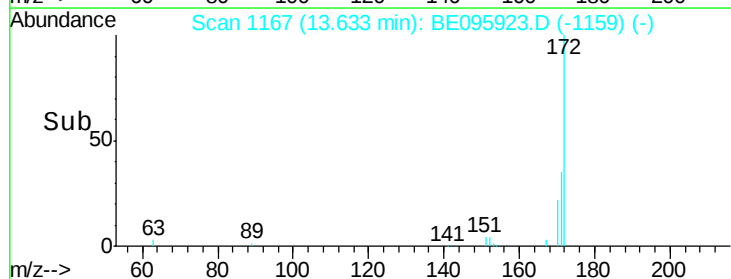
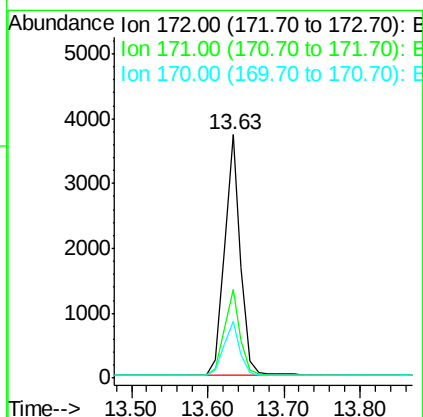
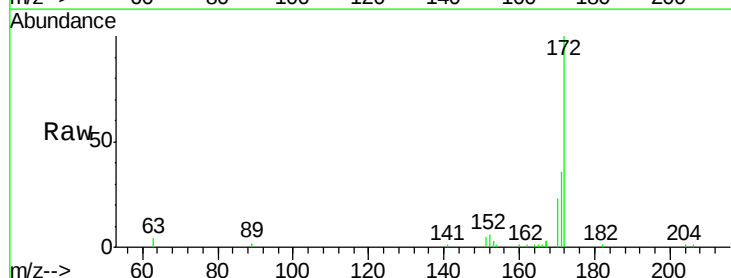
Instrument :
 BNA_E
 ClientSampleId :

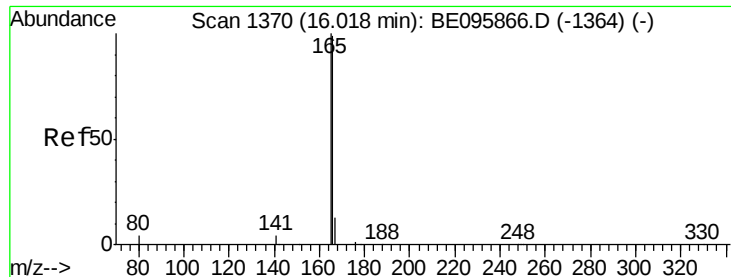
Tot Ion:330 Resp: 674
 Ion Ratio Lower Upper
 330 100
 332 97.0 152.7 229.1#
 141 43.3 33.7 50.5



#15
 2-Fluorobiphenyl
 Concen: 0.467 ng
 RT: 13.63 min Scan# 1167
 Delta R.T. -0.01 min
 Lab File: BE095923.D
 Acq: 2 Apr 2018 12:34

Tgt Ion:172 Resp: 5435
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.9 44.9
 170 23.1 21.8 32.8





#18

Fluorene

Concen: 0.025 ng

RT: 16.02 min Scan# 1370

Delta R.T. -0.01 min

Lab File: BE095923.D

Acq: 2 Apr 2018 12:34

Instrument :

BNA_E

ClientSampleId :

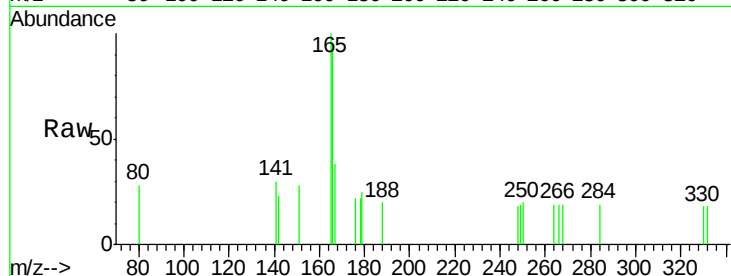
Tot Ion:166 Resp: 313

Ion Ratio Lower Upper

166 100

165 123.0 77.8 116.6#

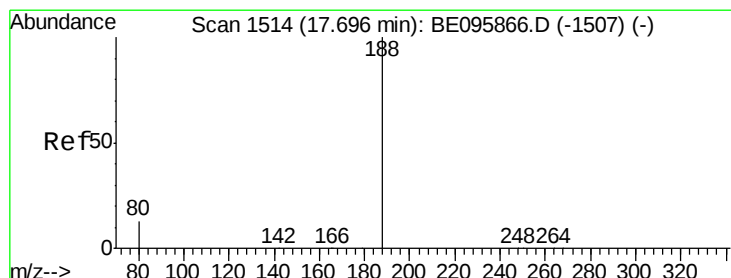
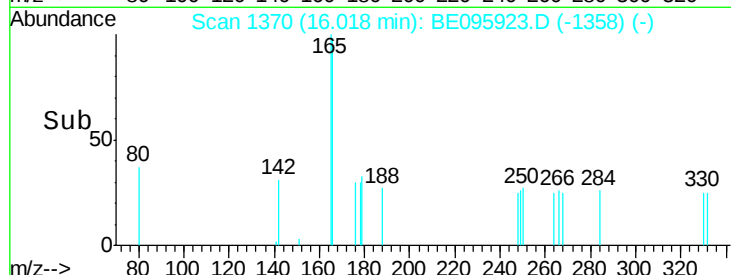
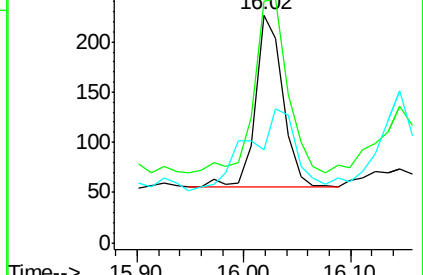
167 81.5 42.4 63.6#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.70 min Scan# 1514

Delta R.T. -0.01 min

Lab File: BE095923.D

Acq: 2 Apr 2018 12:34

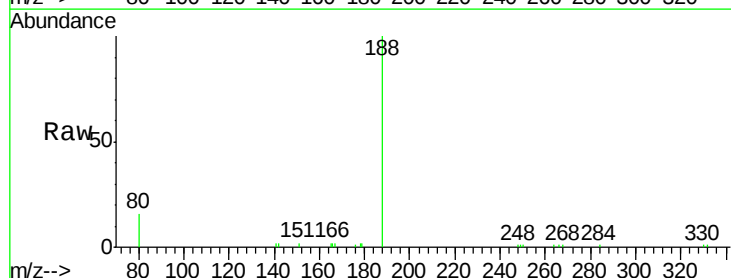
Tgt Ion:188 Resp: 6389

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

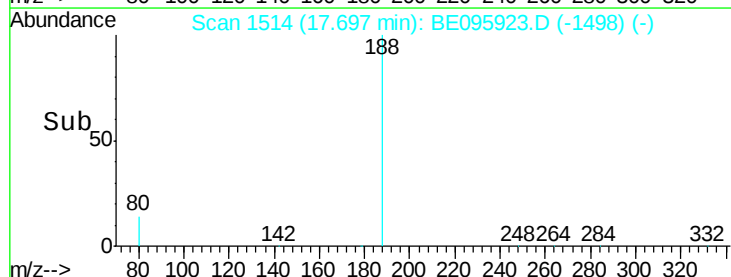
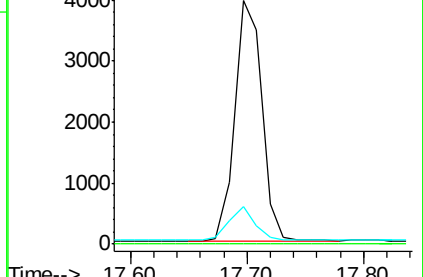
80 15.6 3.6 5.4#

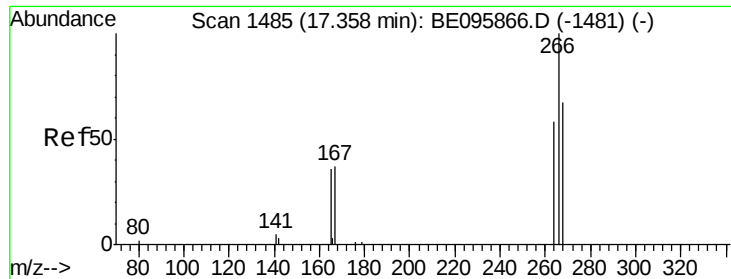


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0

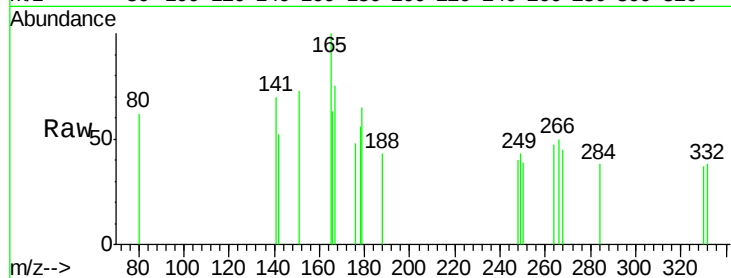




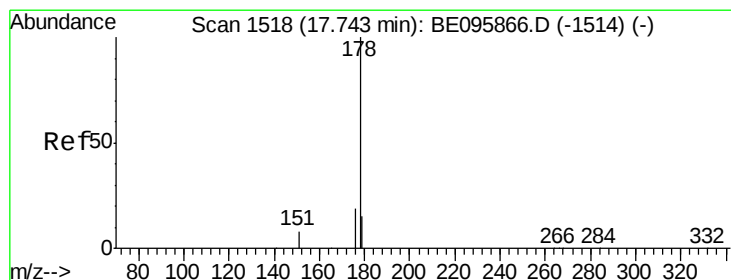
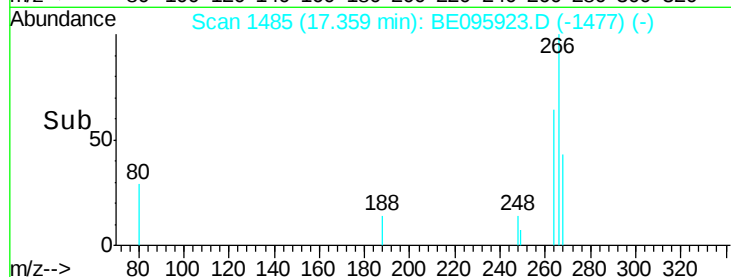
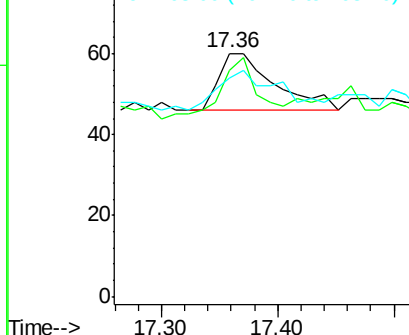
#22
 Pentachlorophenol
 Concen: 0.163 ng
 RT: 17.36 min Scan# 1485
 Delta R.T. -0.01 min
 Lab File: BE095923.D
 Acq: 2 Apr 2018 12:34

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
264	93.3	72.5	108.7
268	90.0	73.8	110.6

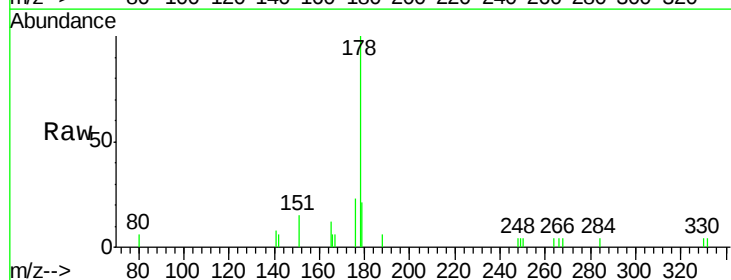


Abundance Ion 266.00 (265.70 to 266.70): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

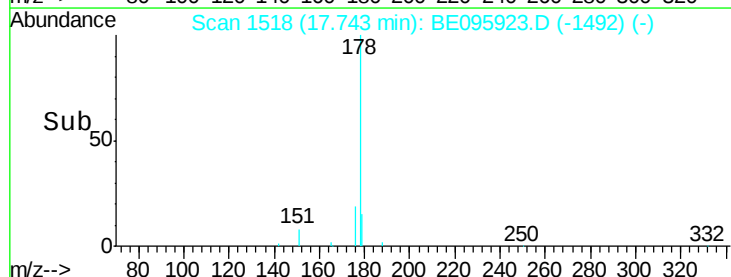
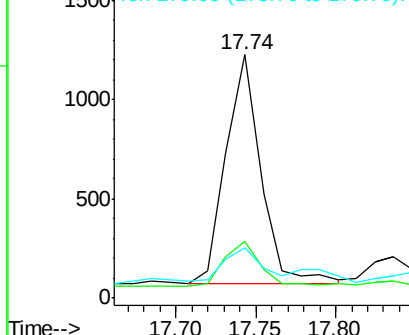


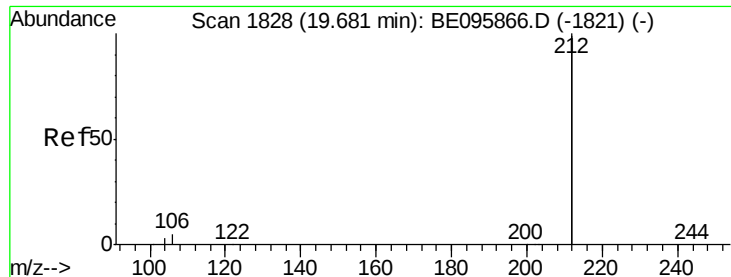
#23
 Phenanthrene
 Concen: 0.091 ng
 RT: 17.74 min Scan# 1518
 Delta R.T. 0.00 min
 Lab File: BE095923.D
 Acq: 2 Apr 2018 12:34

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.8	15.1	22.7
179	15.5	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: 0.399 ng

RT: 19.68 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BE095923.D

Acq: 2 Apr 2018 12:34

Instrument :

BNA_E

ClientSampleId :

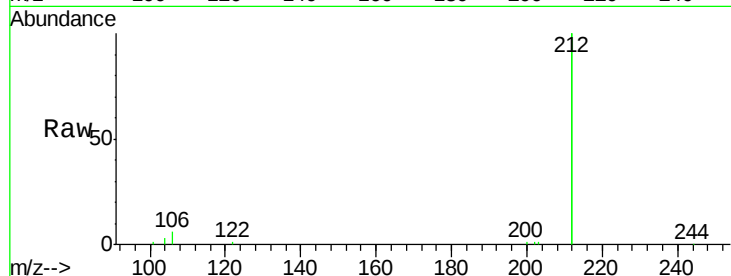
Tot Ion:212 Resp: 37893

Ion Ratio Lower Upper

212 100

106 3.0 2.8 4.2

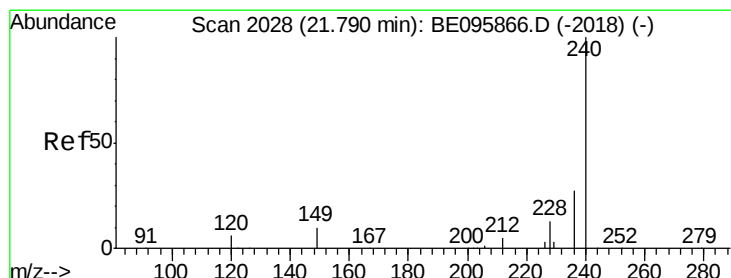
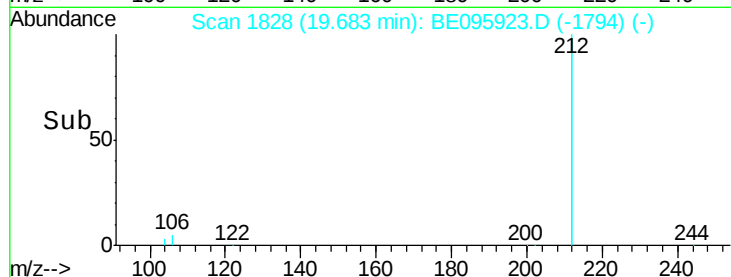
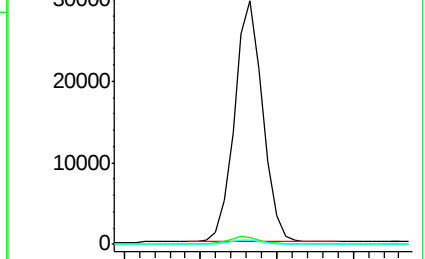
104 1.8 1.6 2.4



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: BE095923.D

Acq: 2 Apr 2018 12:34

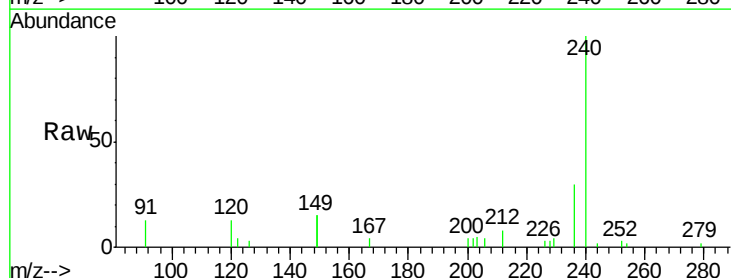
Tgt Ion:240 Resp: 6647

Ion Ratio Lower Upper

240 100

120 13.1 5.5 8.3#

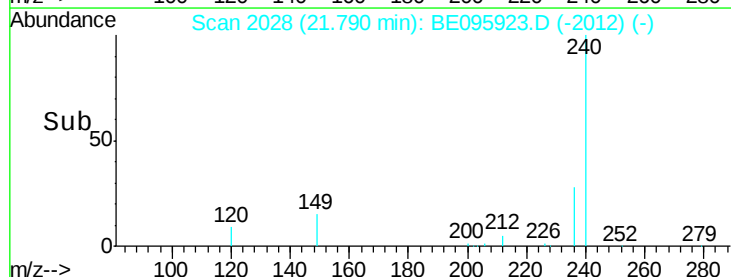
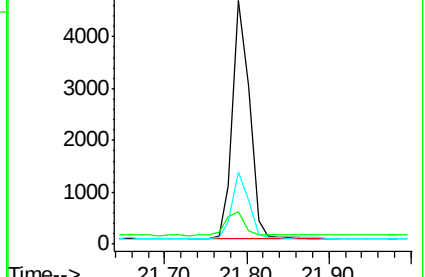
236 29.7 20.7 31.1

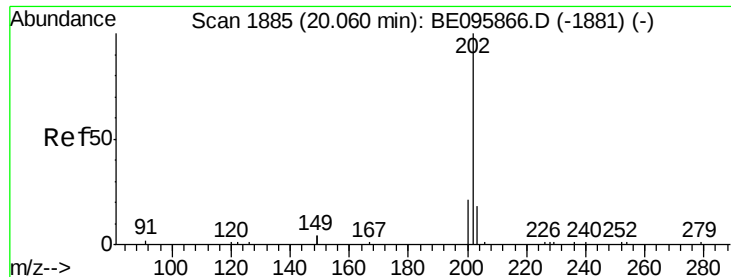


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#28

Pvrene

Concen: 0.021 ng

RT: 20.06 min Scan# 1885

Delta R.T. -0.01 min

Lab File: BE095923.D

Acq: 2 Apr 2018 12:34

Instrument :

BNA_E

ClientSampleId :

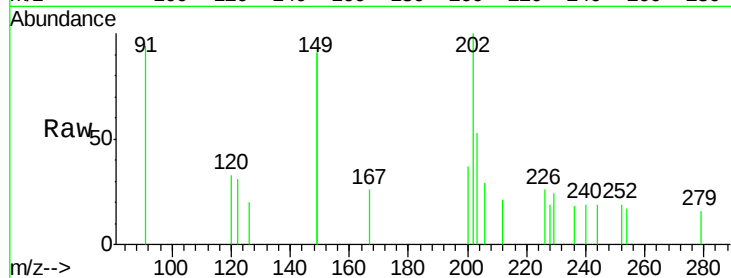
Tot Ion:202 Resp: 576

Ion Ratio Lower Upper

202 100

200 25.9 16.6 25.0#

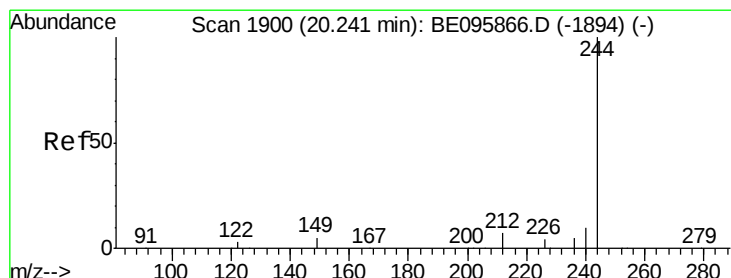
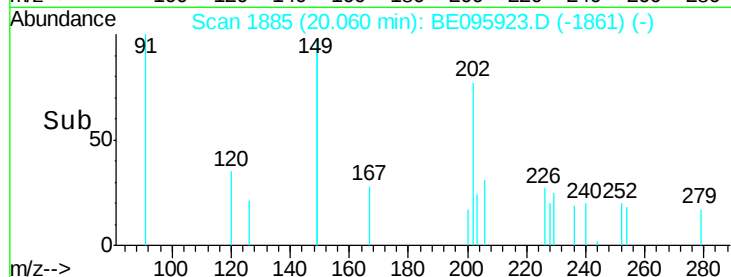
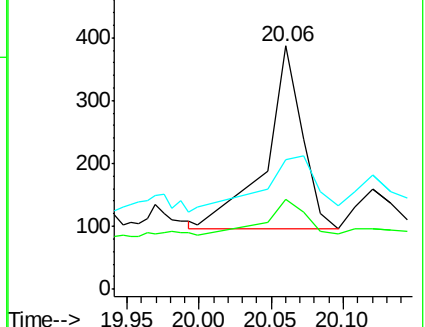
203 46.5 13.8 20.8#



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: 0.574 ng

RT: 20.24 min Scan# 1900

Delta R.T. 0.00 min

Lab File: BE095923.D

Acq: 2 Apr 2018 12:34

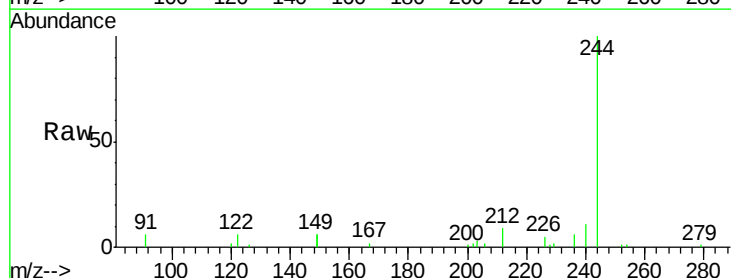
Tgt Ion:244 Resp: 8107

Ion Ratio Lower Upper

244 100

212 8.6 25.4 38.0#

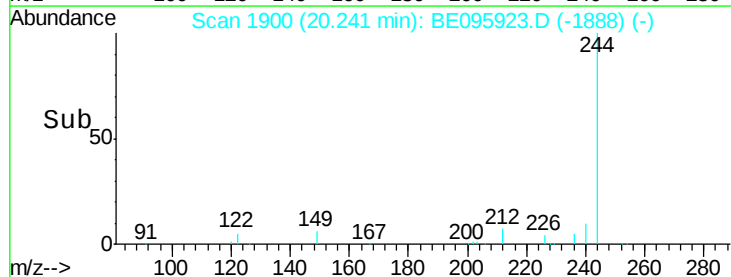
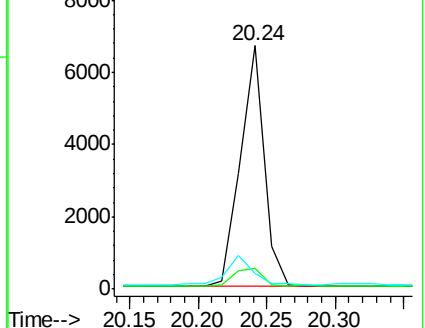
122 6.5 8.1 12.1#

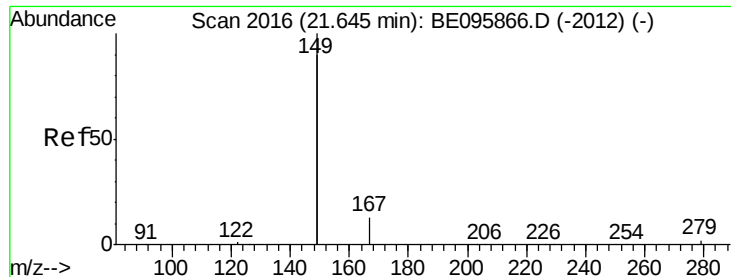


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.086 ng

RT: 21.64 min Scan# 2016

Delta R.T. 0.00 min

Lab File: BE095923.D

Acq: 2 Apr 2018 12:34

Instrument :

BNA_E

ClientSampleId :

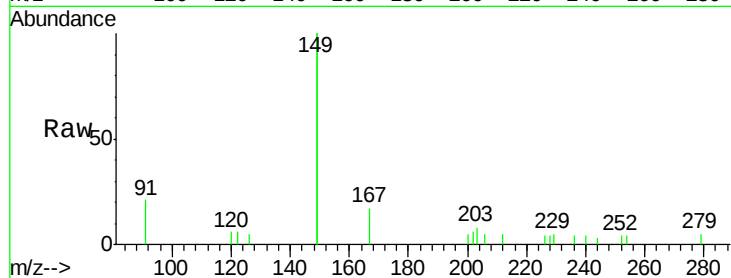
Tot Ion:149 Resp: 6052

Ion Ratio Lower Upper

149 100

167 8.0 5.4 8.0#

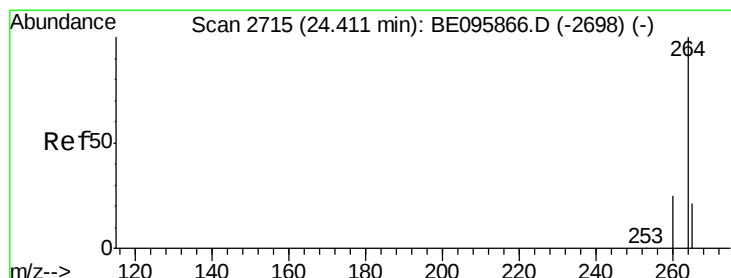
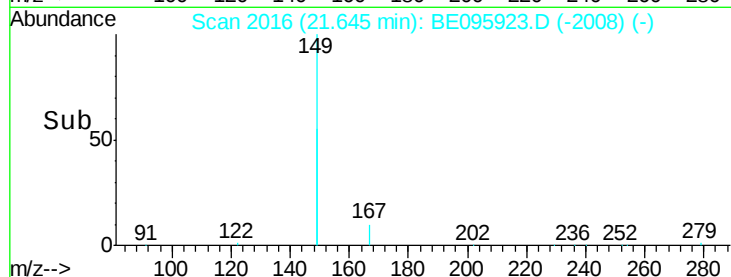
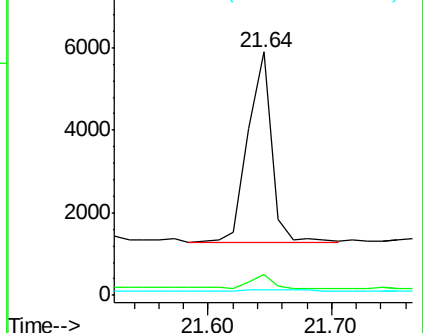
279 1.8 0.7 1.1#



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# 2717

Delta R.T. -0.02 min

Lab File: BE095923.D

Acq: 2 Apr 2018 12:34

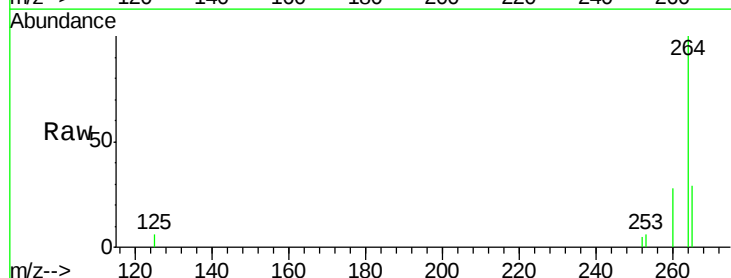
Tgt Ion:264 Resp: 6500

Ion Ratio Lower Upper

264 100

260 27.6 20.5 30.7

265 28.7 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

