

Data Path : \\74.0.250.170\SV0ASRV\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 :
 SY-6-20180326

Quant Time: Apr 03 04:17:22 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

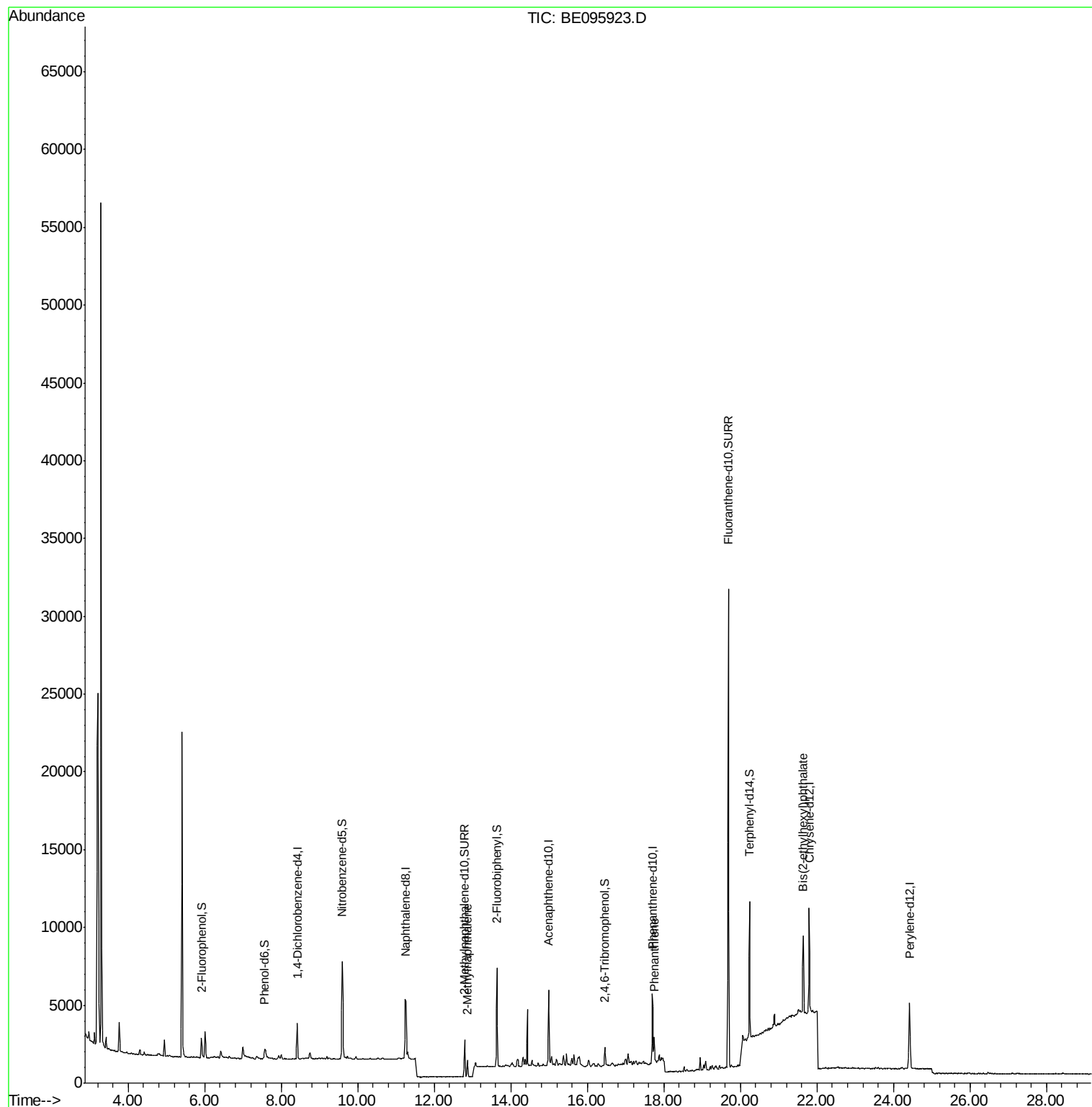
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.42	152	1148	0.40	ng	0.00
7) Naphthalene-d8	11.26	136	4668	0.40	ng	0.00
13) Acenaphthene-d10	14.99	164	2764	0.40	ng	-0.01
19) Phenanthrene-d10	17.70	188	6389	0.40	ng	-0.01
27) Chrysene-d12	21.79	240	6647	0.40	ng	-0.01
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	Qvalue # 93
23) Phenanthrene	17.74	178	1746	0.091	ng	# 97
32) Bis(2-ethylhexyl)phthalate	21.64	149	6052	0.086	ng	# 96

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

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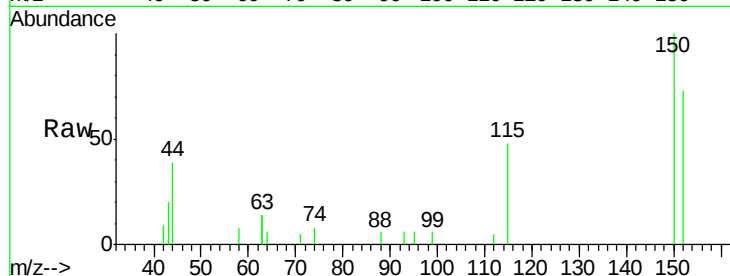


#1

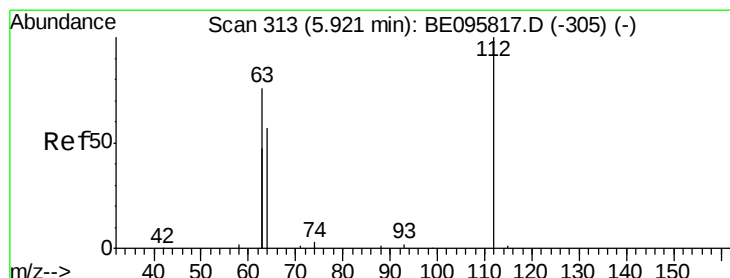
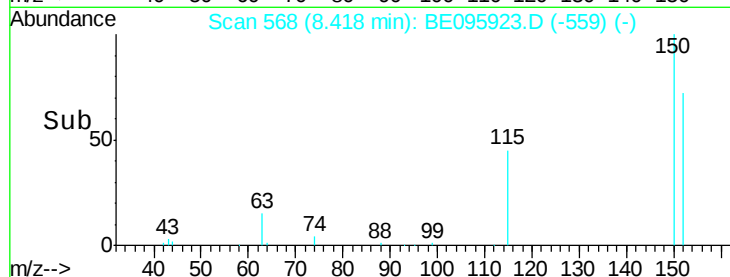
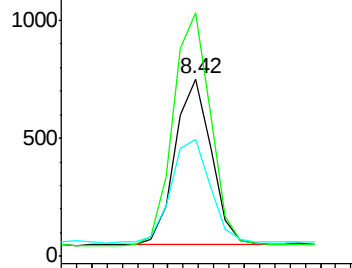
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.42 min Scan# 568
Delta R.T. -0.01 min
Lab File: BE095923.D
Acq: 2 Apr 2018 12:34

Instrument :
BNA_E
ClientSampleId :
SY-6-20180326

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



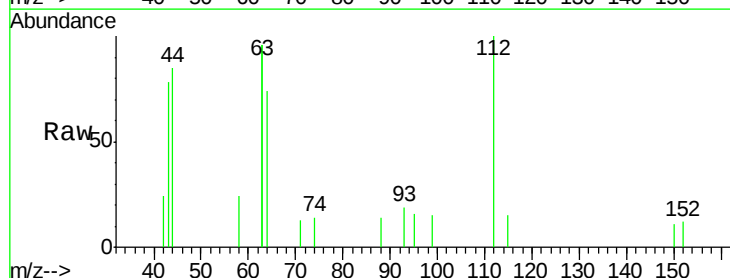
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



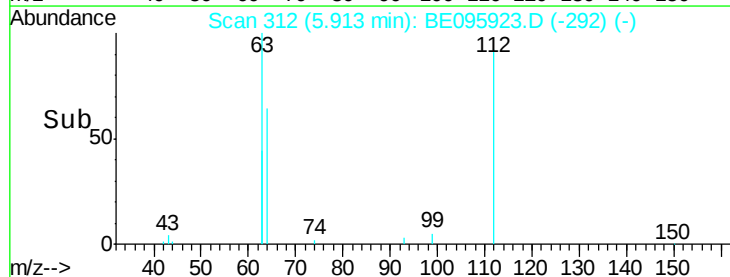
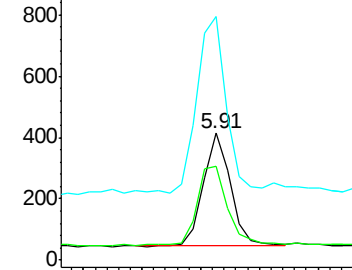
#4

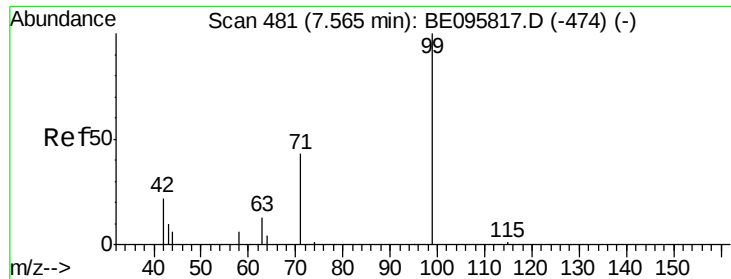
2-Fluorophenol
Concen: 0.157 ng
RT: 5.91 min Scan# 312
Delta R.T. -0.01 min
Lab File: BE095923.D
Acq: 2 Apr 2018 12:34

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 :

SY-6-20180326

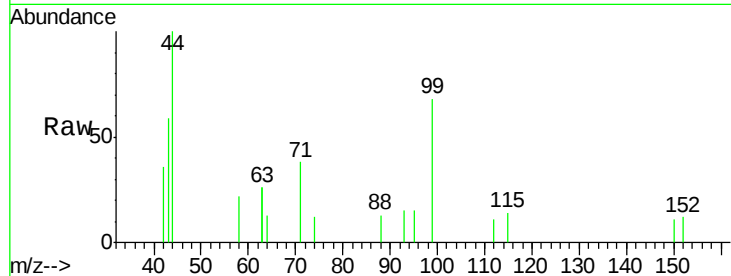
Tot Ion: 99 Resp: 507

Ion Ratio Lower Upper

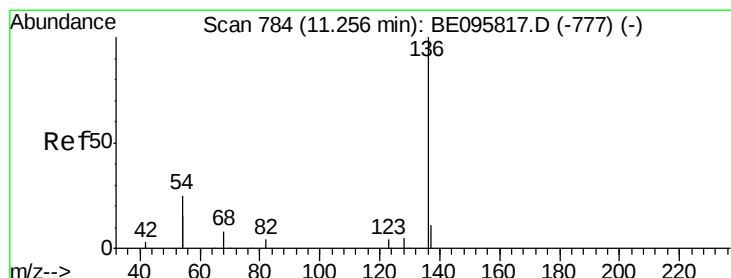
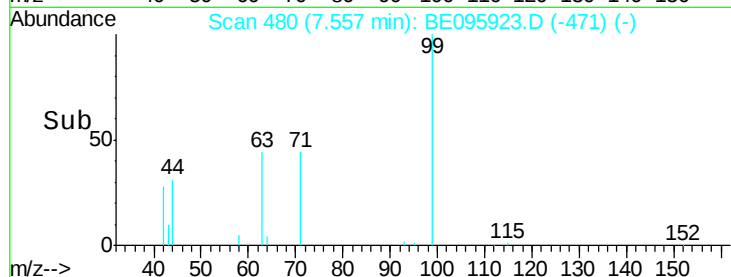
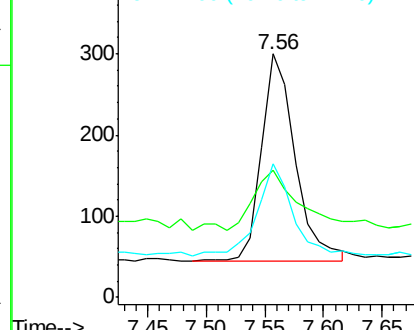
99 100

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

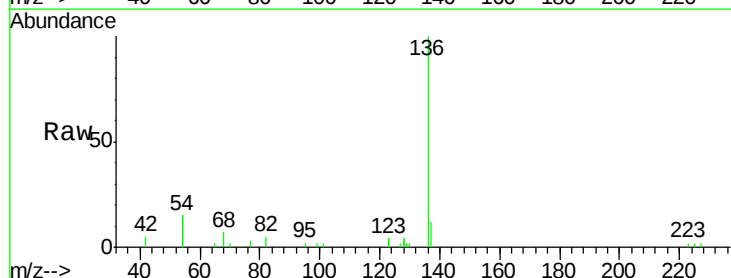
Ion Ratio Lower Upper

136 100

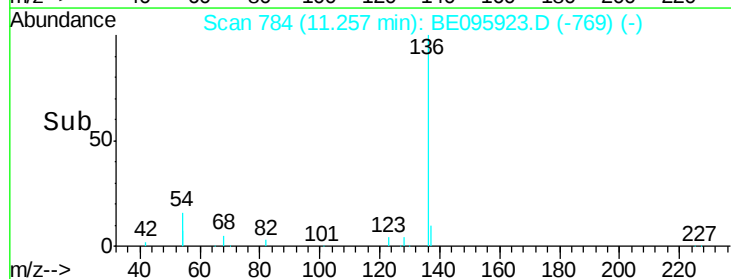
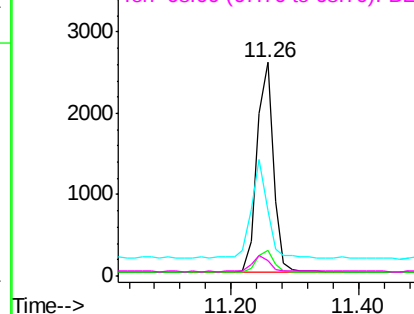
137 11.8 9.5 14.3

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 :

SY-6-20180326

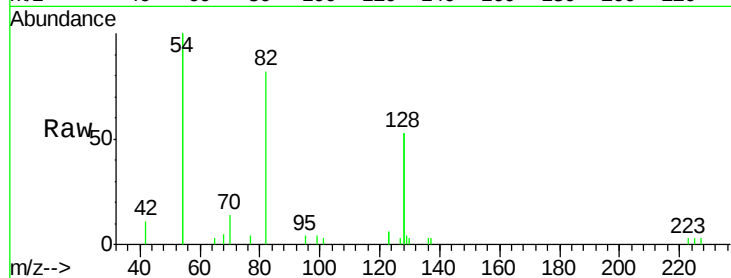
Tot Ion: 82 Resp: 2339

Ion Ratio Lower Upper

82 100

128 129.1 150.0 225.0#

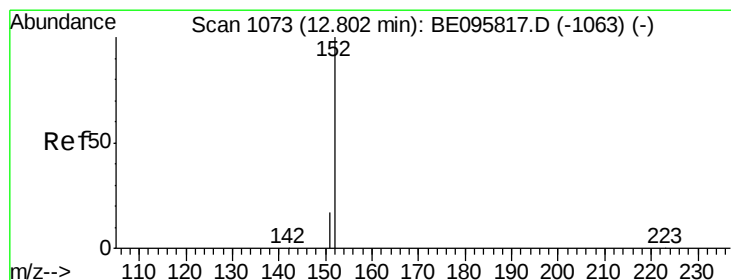
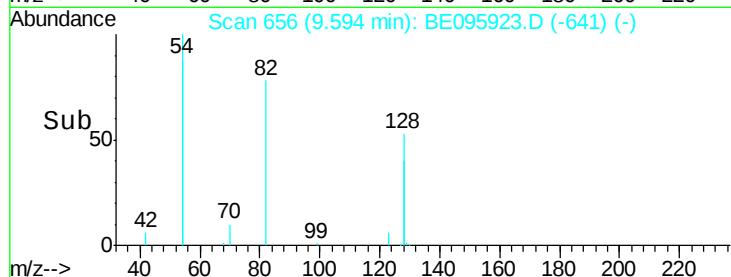
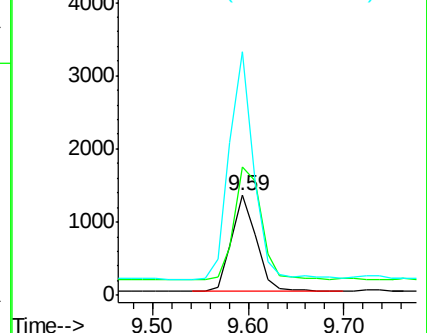
54 244.0 154.2 231.4#



Abundance Ion 82.00 (81.70 to 82.70): 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: 0.426 ng

RT: 12.79 min Scan# 1071

Delta R.T. -0.01 min

Lab File: BE095923.D

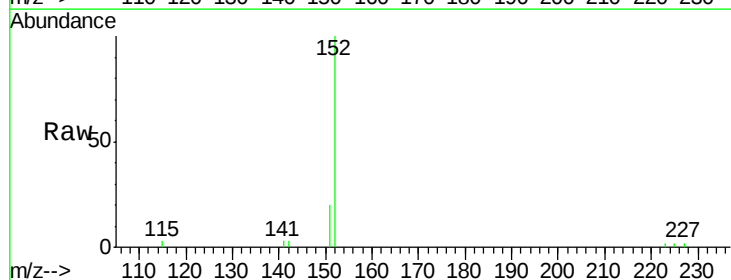
Acq: 2 Apr 2018 12:34

Tgt Ion: 152 Resp: 3321

Ion Ratio Lower Upper

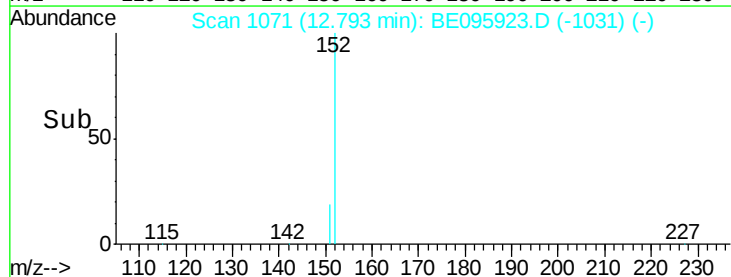
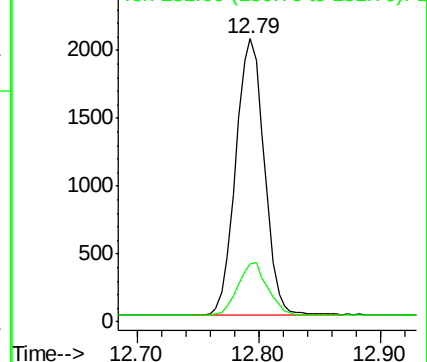
152 100

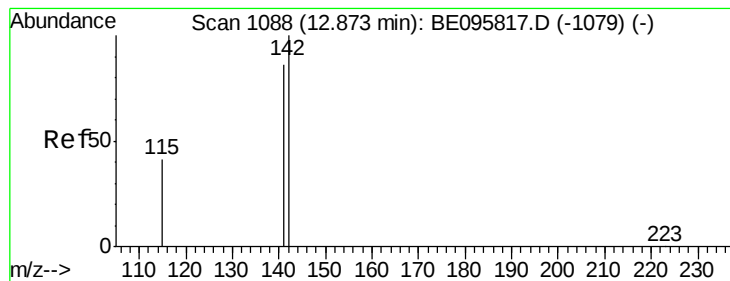
151 19.9 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): BE095817.D (-1063) (-)

Ion 151.00 (150.70 to 151.70): BE095817.D (-1063) (-)





#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 :

SY-6-20180326

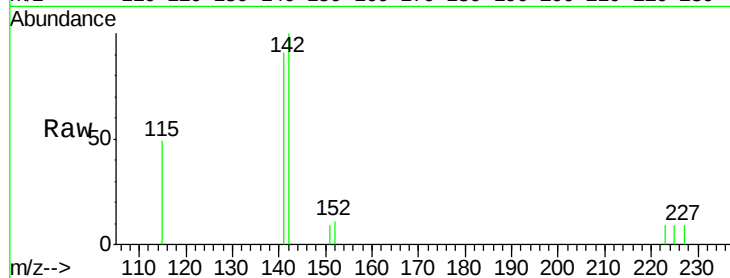
Tot Ion:142 Resp: 744

Ion Ratio Lower Upper

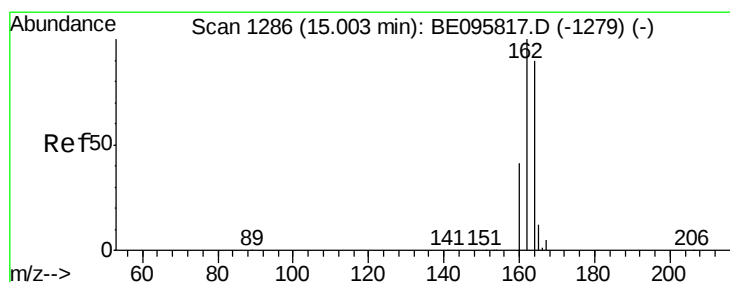
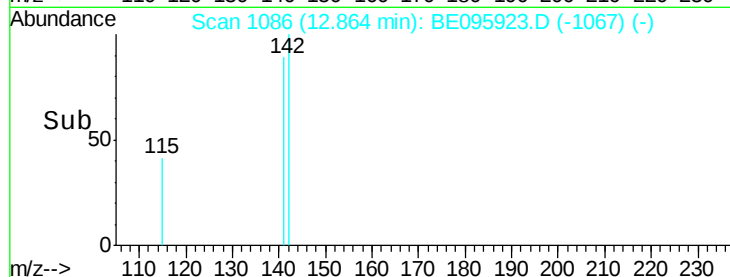
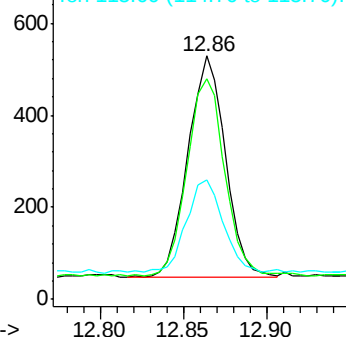
142 100

141 90.5 70.4 105.6

115 49.1 31.7 47.5#



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#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

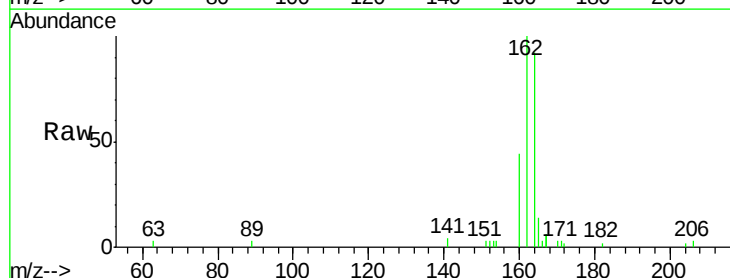
Tgt Ion:164 Resp: 2764

Ion Ratio Lower Upper

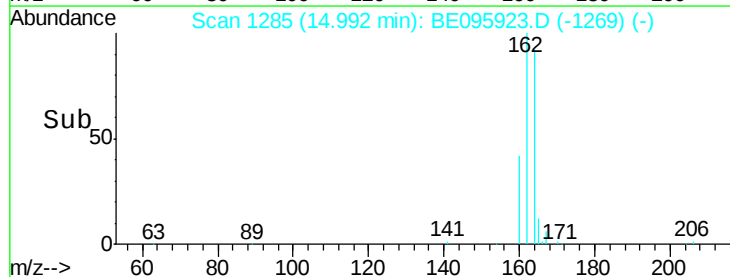
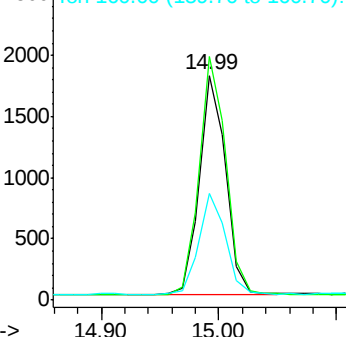
164 100

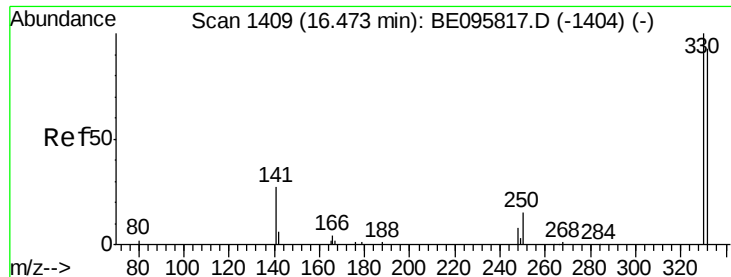
162 108.2 83.1 124.7

160 47.4 37.1 55.7



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

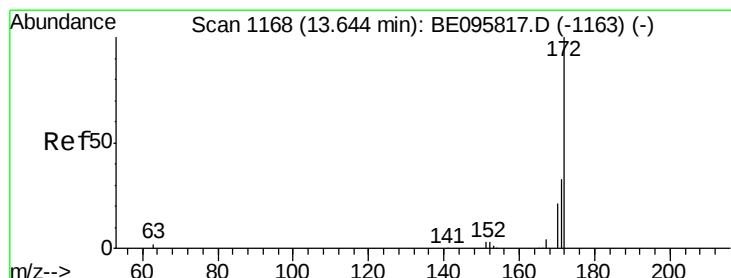
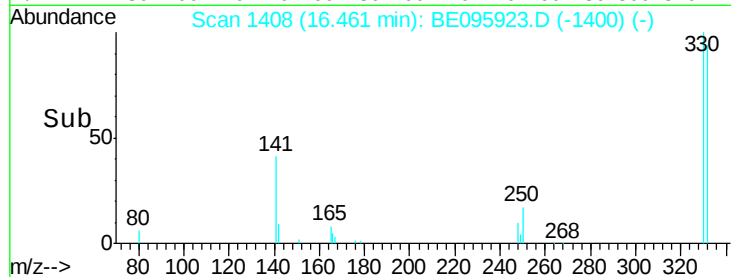
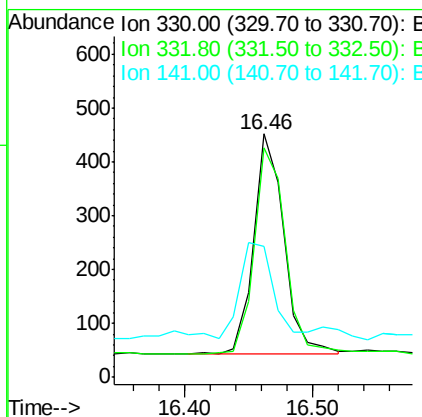
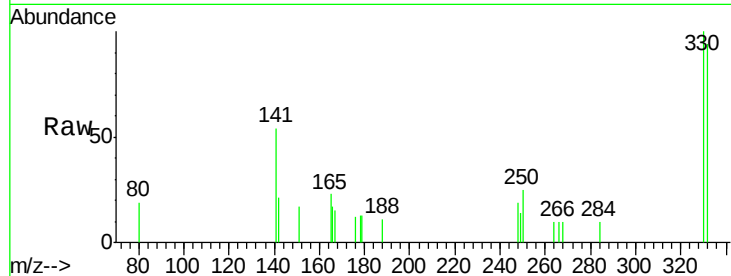




#14
 2,4,6-Tribromophenol
 Concen: 0.423 ng
 RT: 16.46 min Scan# 1408
 Delta R.T. -0.01 min
 Lab File: BE095923.D
 Acq: 2 Apr 2018 12:34

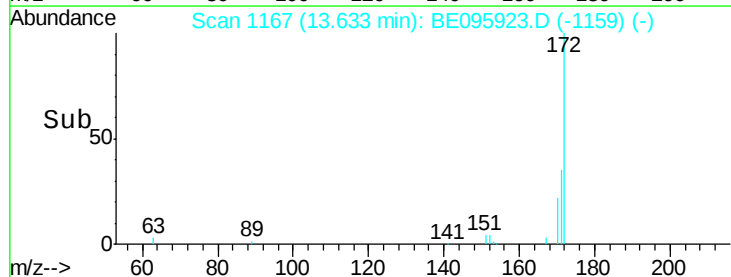
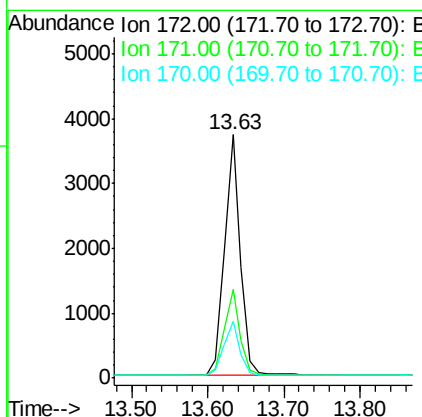
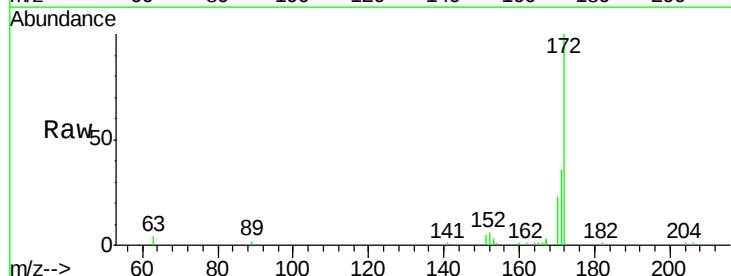
Instrument :
 BNA_E
 ClientSampleId :
 SY-6-20180326

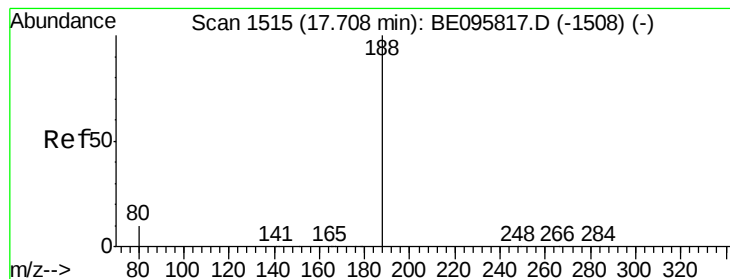
Tot Ion:330 Resp: 674
 Ion Ratio Lower Upper
 330 100
 332 97.0 152.7 229.1#
 141 43.3 33.7 50.5



#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





#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

Instrument :

BNA_E

ClientSampleId :

SY-6-20180326

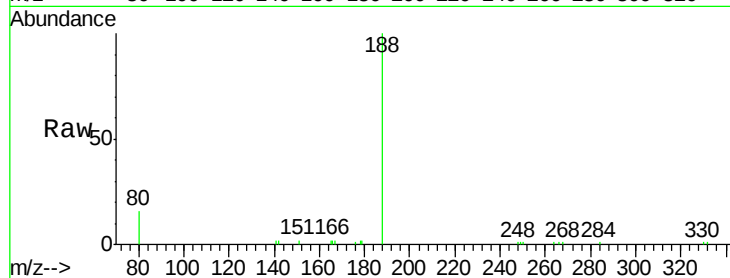
Tot Ion:188 Resp: 6389

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

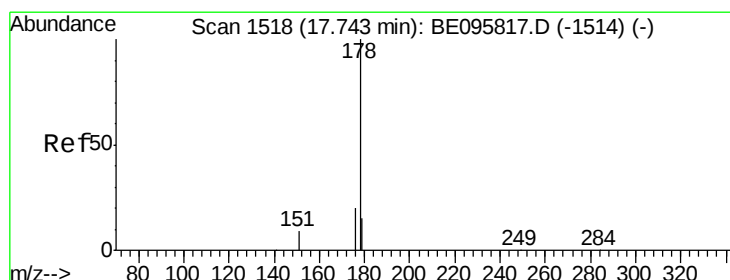
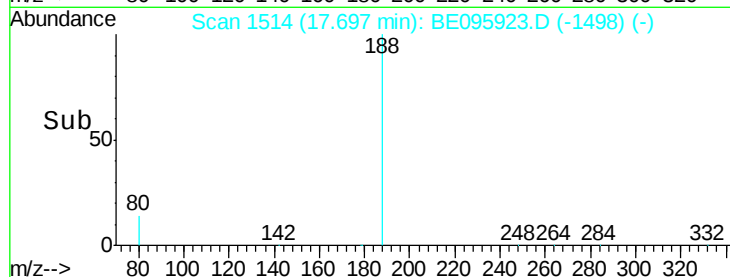
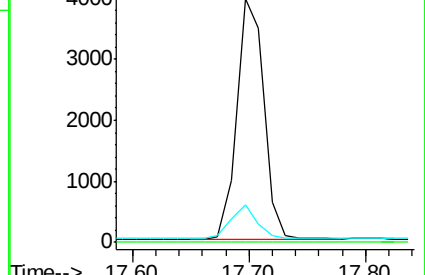
80 15.6 3.6 5.4#



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



#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

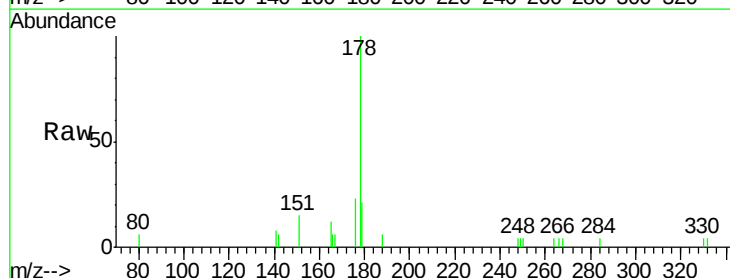
Tgt Ion:178 Resp: 1746

Ion Ratio Lower Upper

178 100

176 20.8 15.1 22.7

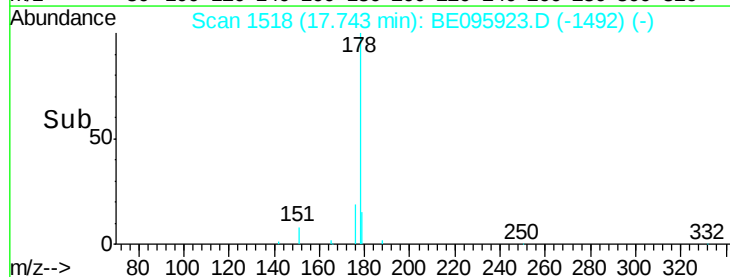
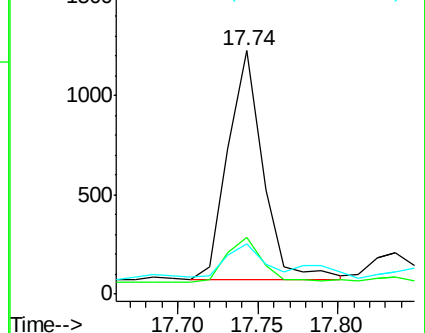
179 15.5 11.8 17.6

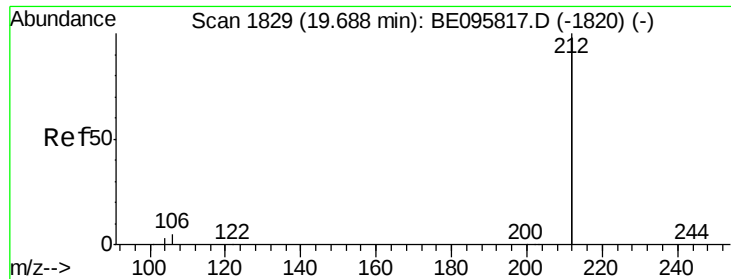


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

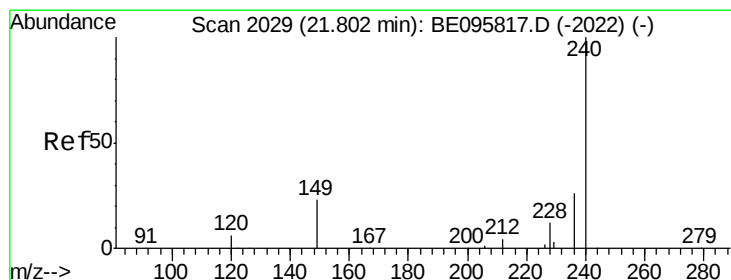
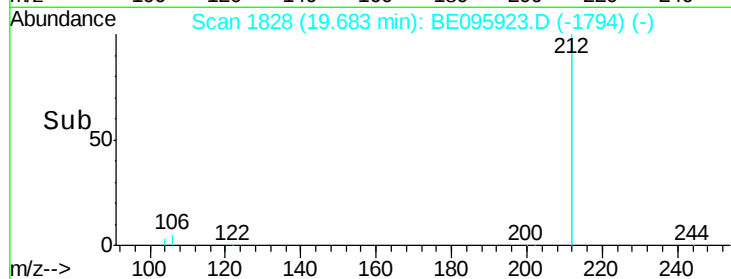
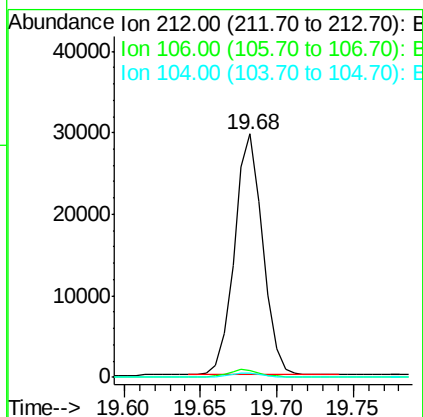
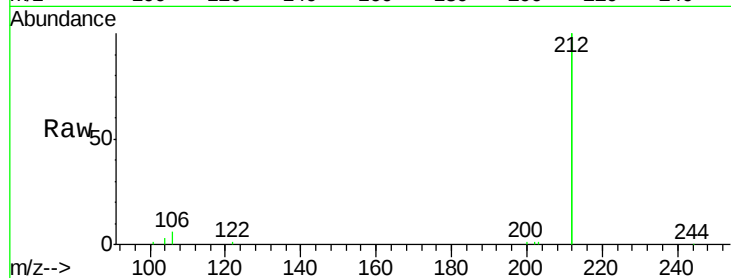




#25
 Fluoranthene-d10
 Concen: 0.399 ng
 RT: 19.68 min Scan# 1828
 Delta R.T. -0.01 min
 Lab File: BE095923.D
 Acq: 2 Apr 2018 12:34

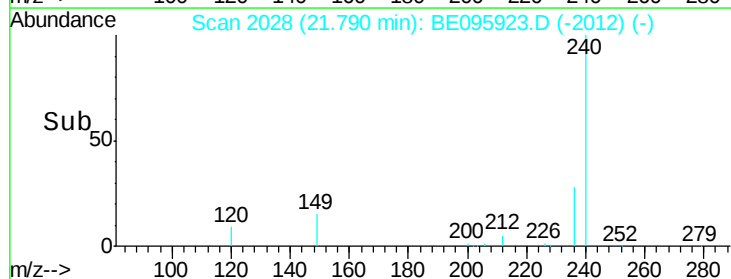
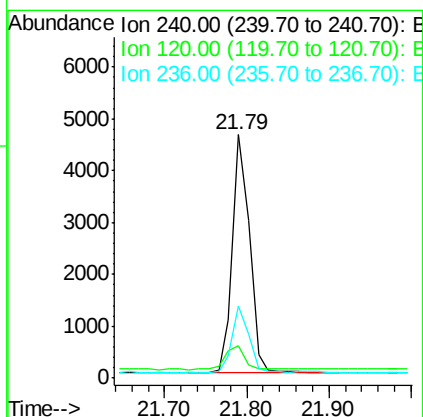
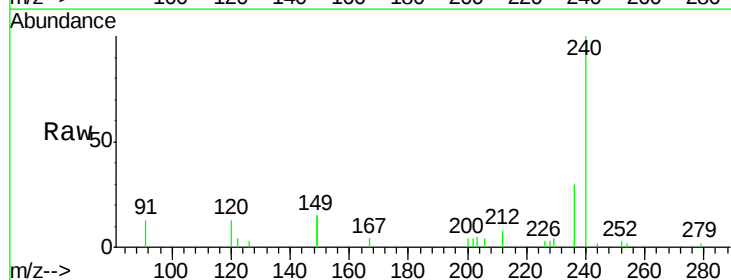
Instrument :
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 SY-6-20180326

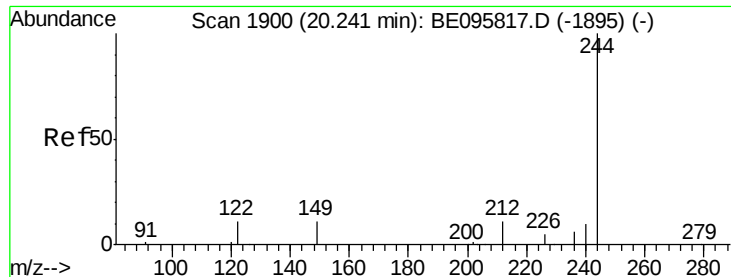
Tot Ion:212 Resp: 37893
 Ion Ratio Lower Upper
 212 100
 106 3.0 2.8 4.2
 104 1.8 1.6 2.4



#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





#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

Instrument :

BNA_E

ClientSampleId :

SY-6-20180326

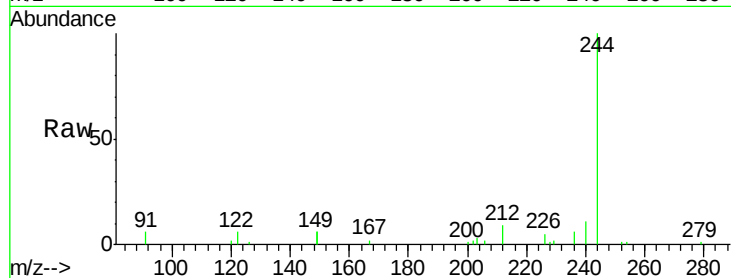
Tot Ion:244 Resp: 8107

Ion Ratio Lower Upper

244 100

212 8.6 25.4 38.0#

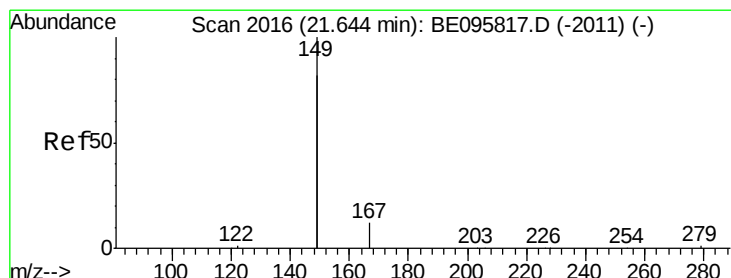
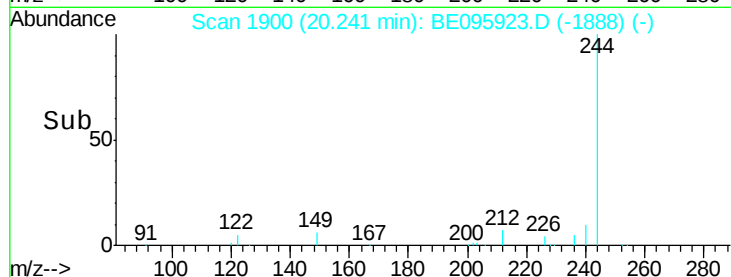
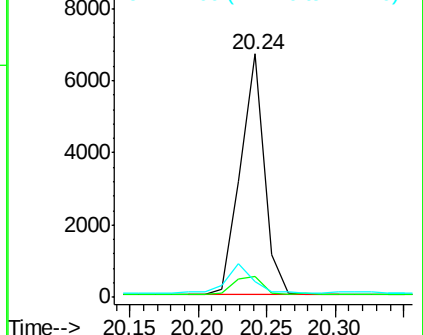
122 6.5 8.1 12.1#



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

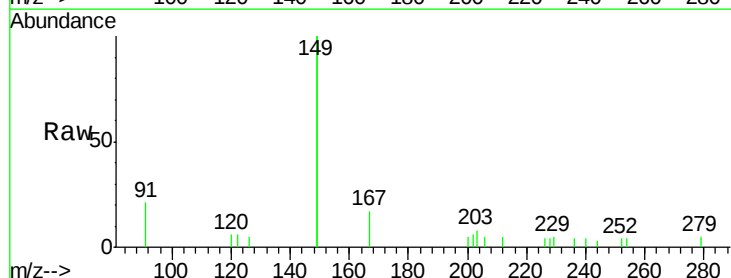
Tgt Ion:149 Resp: 6052

Ion Ratio Lower Upper

149 100

167 8.0 5.4 8.0#

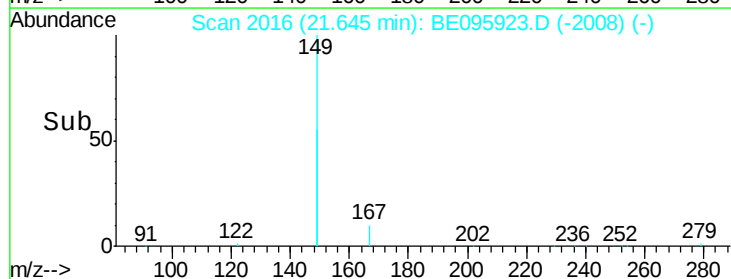
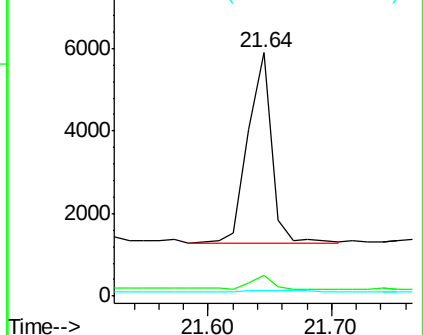
279 1.8 0.7 1.1#

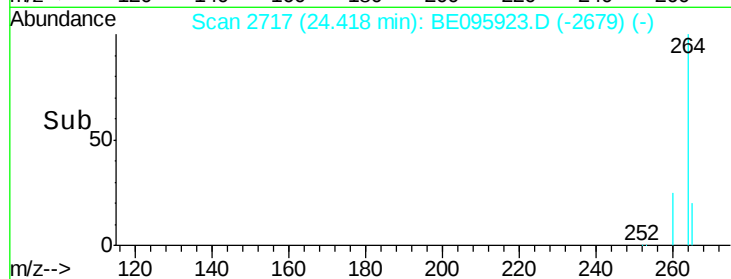
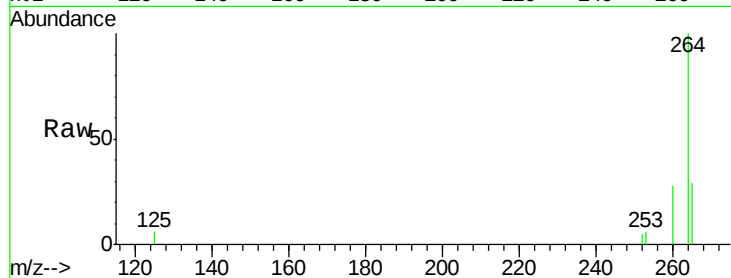
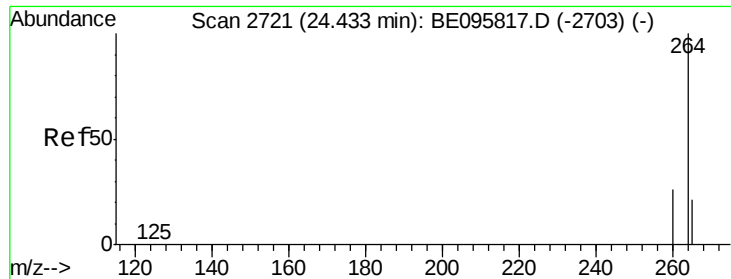


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34

Pervlene-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

Instrument :

BNA_E

ClientSampleId :

SY-6-20180326

Tot Ion:264 Resp: 6500

Ion Ratio Lower Upper

264 100

260 27.6 20.5 30.7

265 28.7 22.8 34.2

