

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE040218\
 Data File : BE095931.D
 Acq On : 2 Apr 2018 17:18
 Operator : SJ/JU
 Sample : J2116-07
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SY-2D-20180327

Quant Time: Apr 03 04:42:04 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

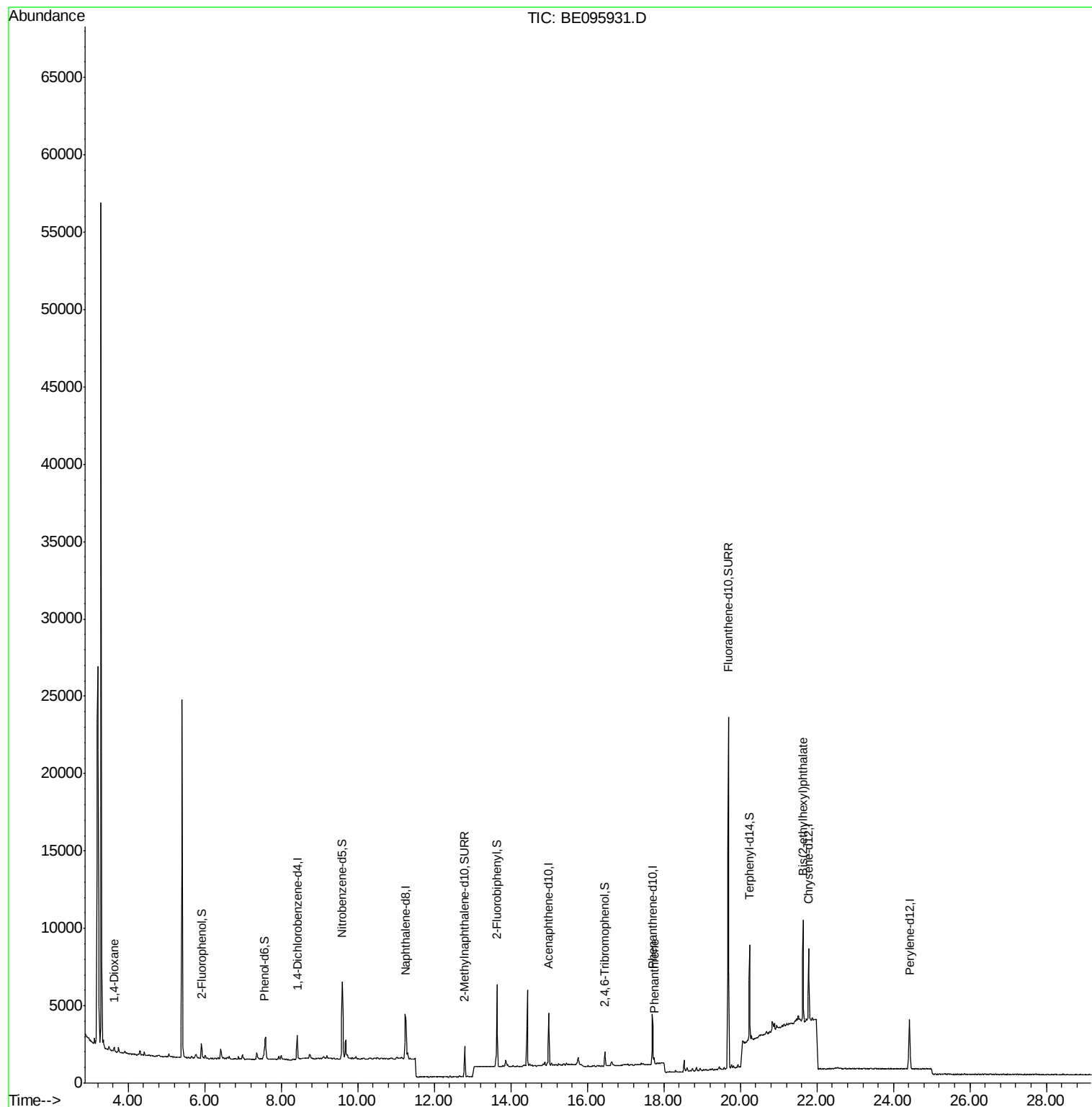
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.42	152	787	0.40	ng	0.00
7) Naphthalene-d8	11.26	136	3333	0.40	ng	0.00
13) Acenaphthene-d10	14.99	164	1942	0.40	ng	-0.01
19) Phenanthrene-d10	17.70	188	4452	0.40	ng	-0.01
27) Chrysene-d12	21.79	240	4731	0.40	ng	-0.01
34) Perylene-d12	24.42	264	4740	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.91	112	478	0.18	ng	0.00
5) Phenol-d6	7.56	99	413	0.12	ng	0.00
8) Nitrobenzene-d5	9.59	82	1855	0.47	ng	0.00
11) 2-Methylnaphthalene-d10	12.79	152	2636	0.47	ng	-0.01
14) 2,4,6-Tribromophenol	16.46	330	485	0.43	ng	-0.01
15) 2-Fluorobiphenyl	13.63	172	4497	0.55	ng	-0.01
25) Fluoranthene-d10	19.68	212	29861	0.45	ng	0.00
29) Terphenyl-d14	20.24	244	5909	0.59	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.63	88	203	0.158	ng	Qvalue # 61
23) Phenanthrene	17.74	178	348	0.026	ng	98
32) Bis(2-ethylhexyl)phthalate	21.64	149	8128	0.162	ng	Qvalue # 99

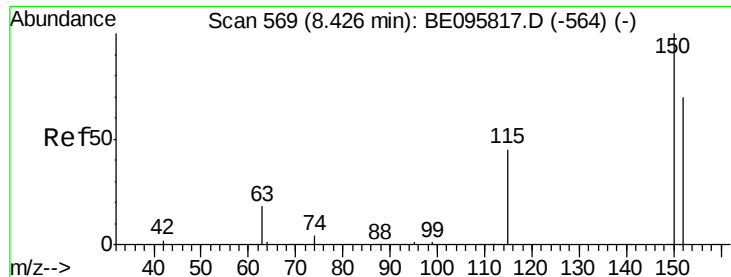
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE040218\
Data File : BE095931.D
Acq On : 2 Apr 2018 17:18
Operator : SJ/JU
Sample : J2116-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SY-2D-20180327

Quant Time: Apr 03 04:42:04 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



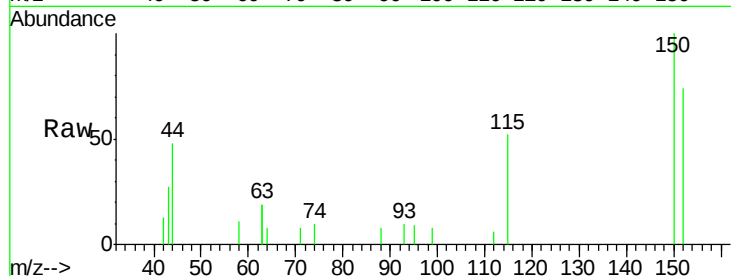


#1

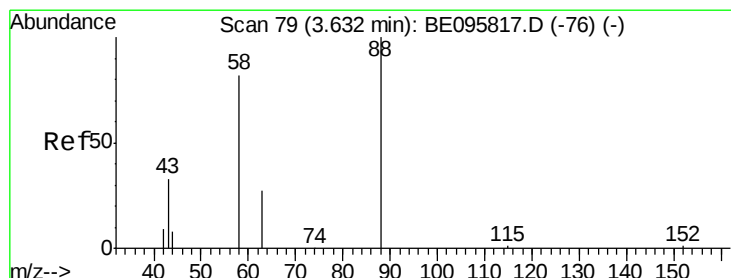
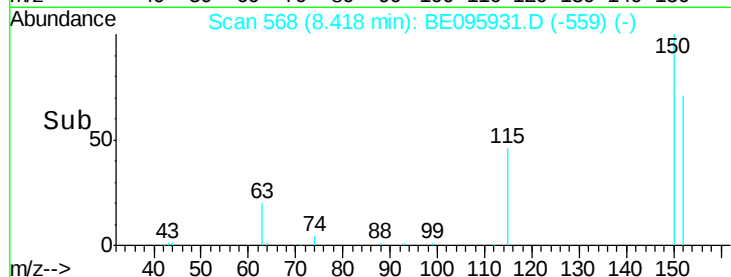
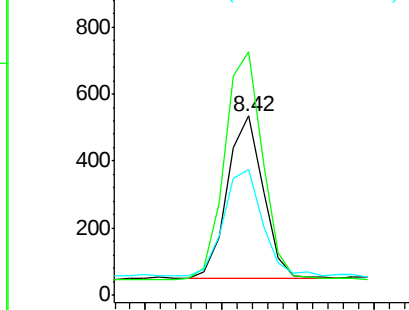
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.42 min Scan# 568
Delta R.T. -0.01 min
Lab File: BE095931.D
Acq: 2 Apr 2018 17:18

Instrument :
BNA_E
ClientSampleId :
SY-2D-20180327

Tot Ion:152 Resp: 787
Ion Ratio Lower Upper
152 100
150 136.0 117.2 175.8
115 70.2 57.0 85.6



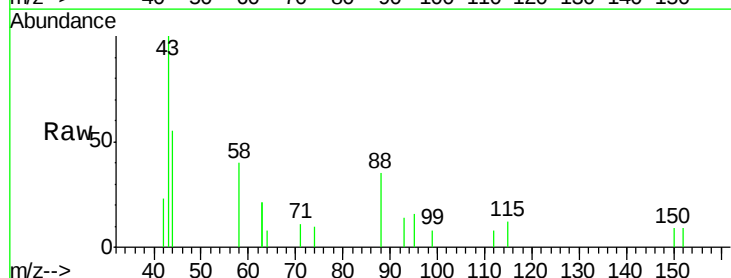
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



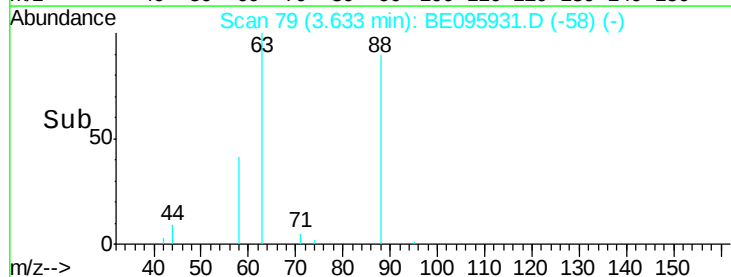
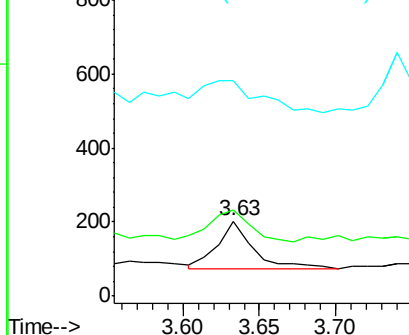
#2

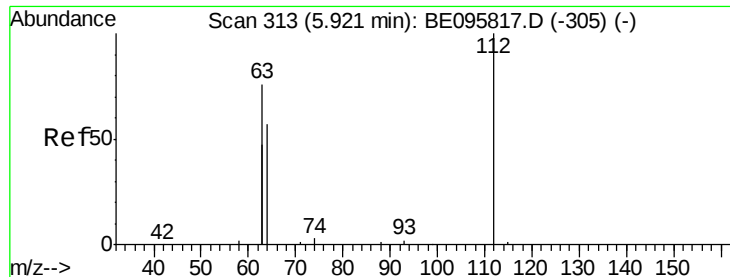
1,4-Dioxane
Concen: 0.158 ng
RT: 3.63 min Scan# 79
Delta R.T. 0.00 min
Lab File: BE095931.D
Acq: 2 Apr 2018 17:18

Tgt Ion: 88 Resp: 203
Ion Ratio Lower Upper
88 100
58 83.3 63.2 94.8
43 115.3 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: 0.184 ng

RT: 5.91 min Scan# 312

Delta R.T. -0.01 min

Lab File: BE095931.D

Acq: 2 Apr 2018 17:18

Instrument :

BNA_E

ClientSampleId :

SY-2D-20180327

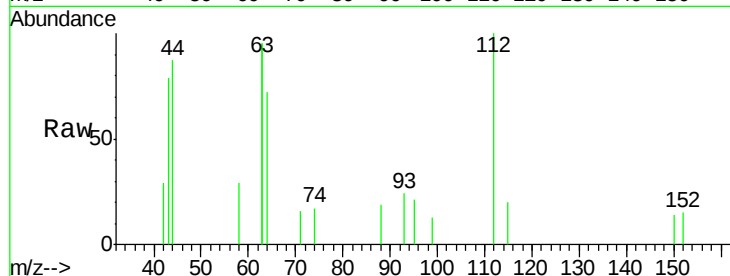
Tot Ion: 112 Resp: 478

Ion Ratio Lower Upper

112 100

64 73.2 60.1 90.1

63 161.9 116.8 175.2



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

800

600

400

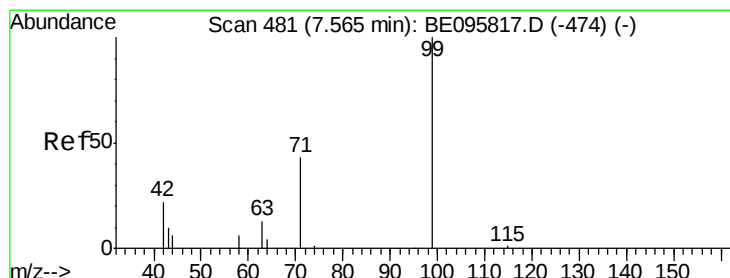
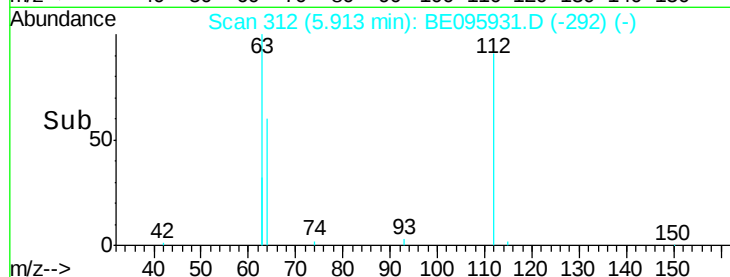
200

0

5.85 5.90 5.95 6.00

5.91

Time-->



#5

Phenol-d6

Concen: 0.116 ng

RT: 7.56 min Scan# 480

Delta R.T. -0.01 min

Lab File: BE095931.D

Acq: 2 Apr 2018 17:18

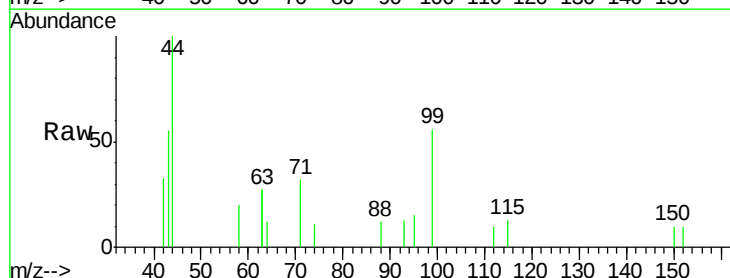
Tgt Ion: 99 Resp: 413

Ion Ratio Lower Upper

99 100

42 47.7 20.2 30.2#

71 45.5 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

300

200

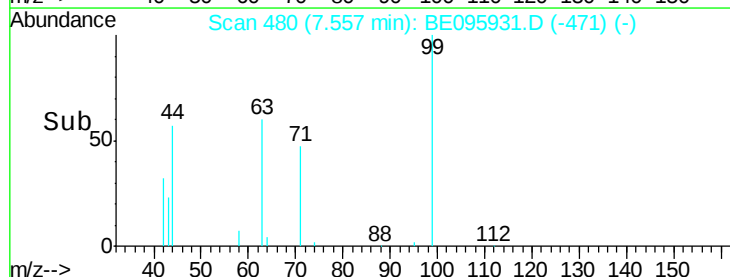
100

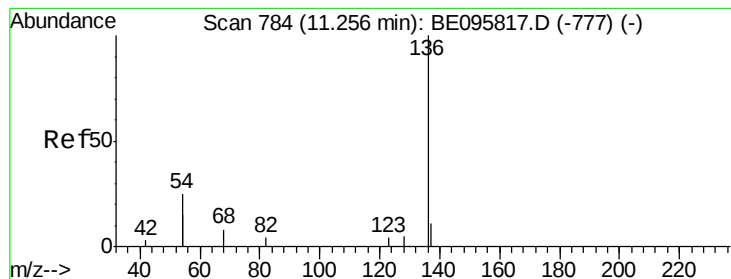
0

7.45 7.50 7.55 7.60 7.65

7.56

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 11.26 min Scan# 784

Delta R.T. 0.00 min

Lab File: BE095931.D

Acq: 2 Apr 2018 17:18

Instrument :

BNA_E

ClientSampleId :

SY-2D-20180327

Tot Ion:136 Resp: 3333

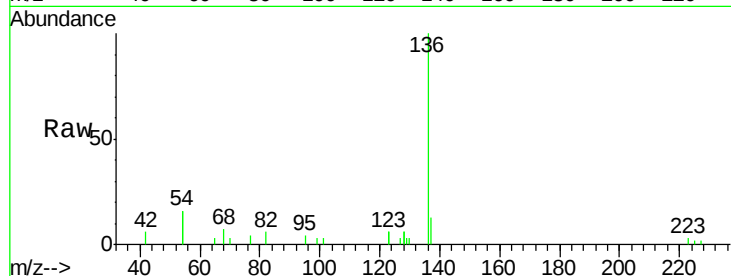
Ion Ratio Lower Upper

136 100

137 13.0 9.5 14.3

54 33.0 29.1 43.7

68 7.1 6.2 9.2

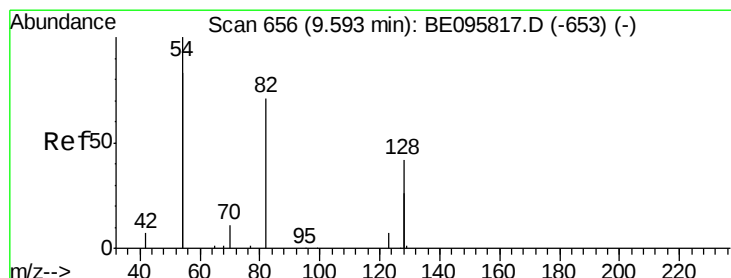
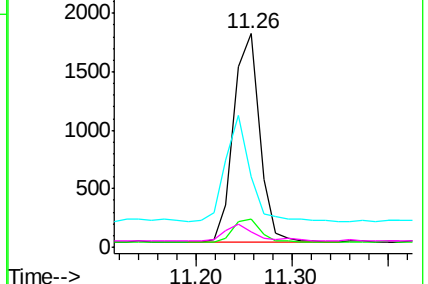
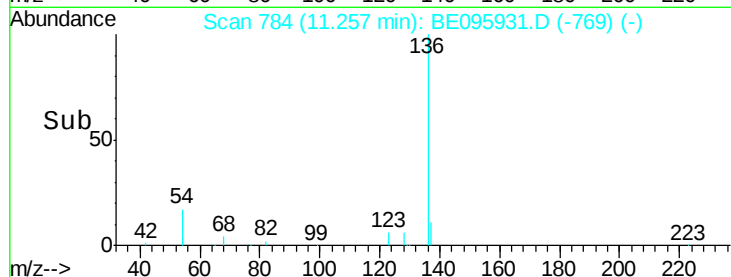


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.471 ng

RT: 9.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: BE095931.D

Acq: 2 Apr 2018 17:18

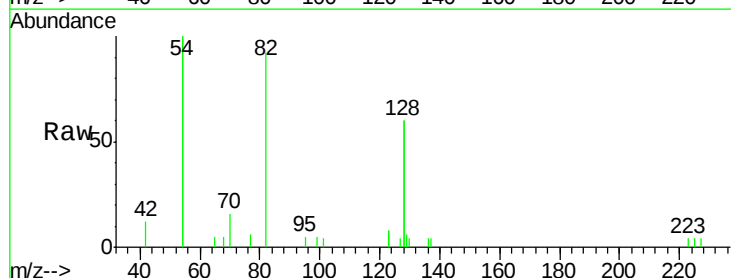
Tgt Ion: 82 Resp: 1855

Ion Ratio Lower Upper

82 100

128 131.6 150.0 225.0#

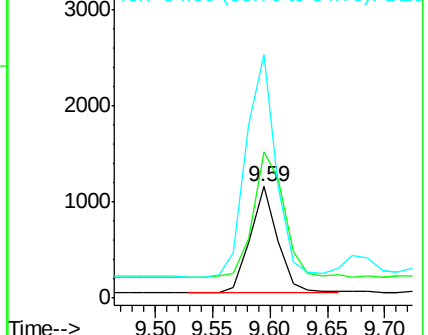
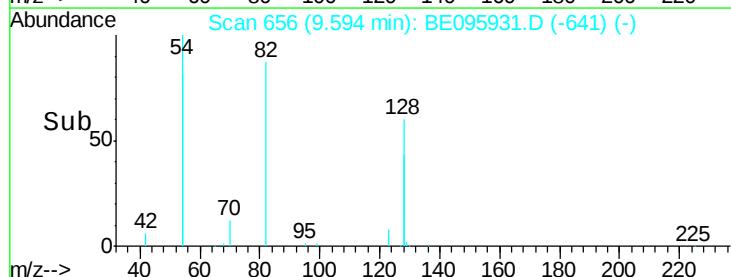
54 218.4 154.2 231.4

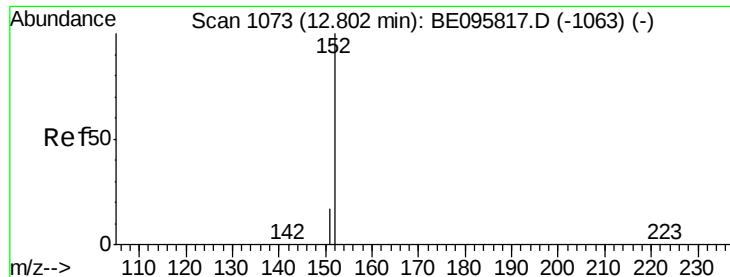


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

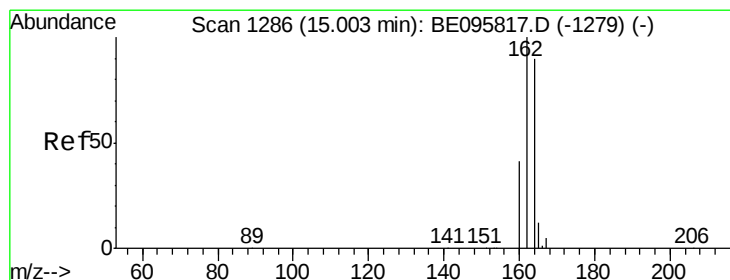
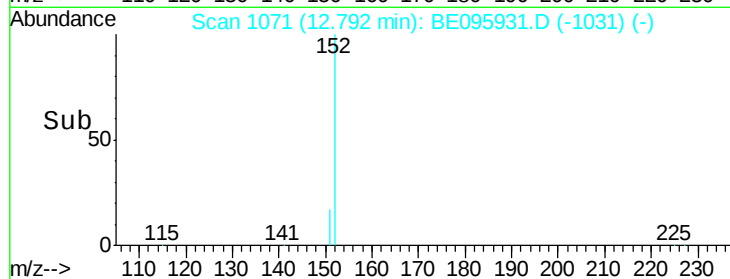
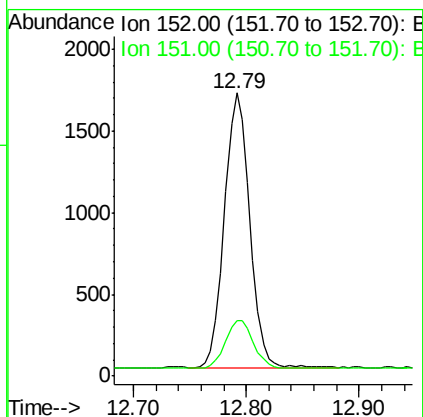
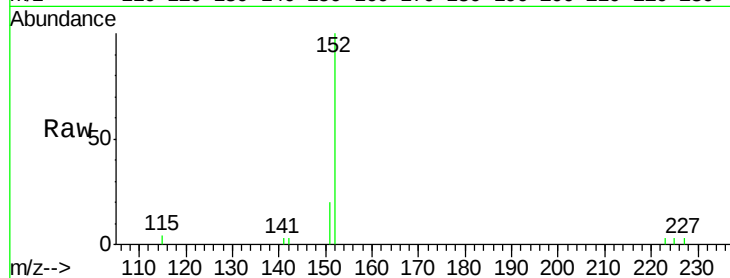




#11
2-Methylnaphthalene-d10
Concen: 0.474 ng
RT: 12.79 min Scan# 1071
Delta R.T. -0.01 min
Lab File: BE095931.D
Acq: 2 Apr 2018 17:18

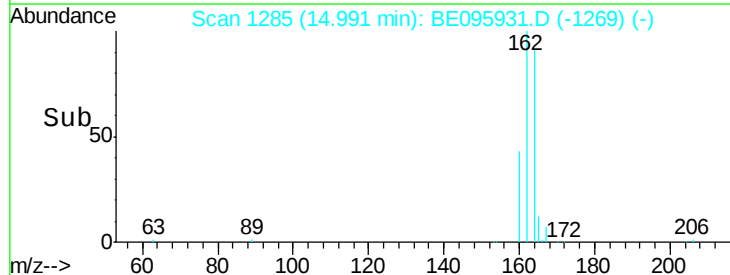
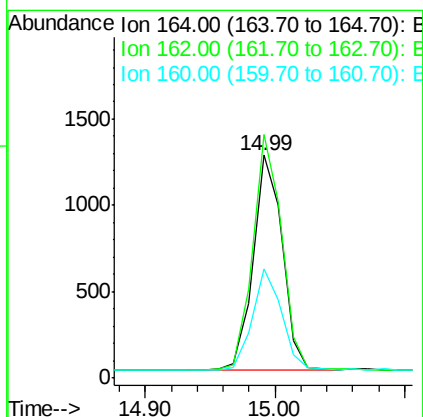
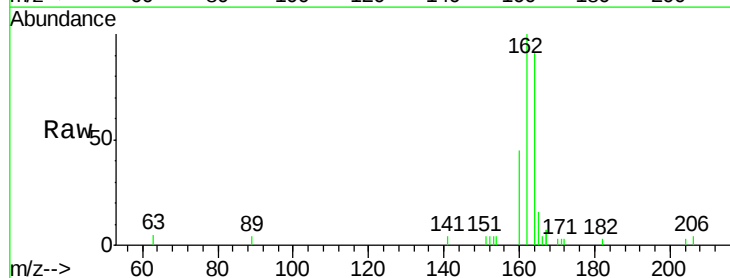
Instrument :
BNA_E
ClientSampleId :
SY-2D-20180327

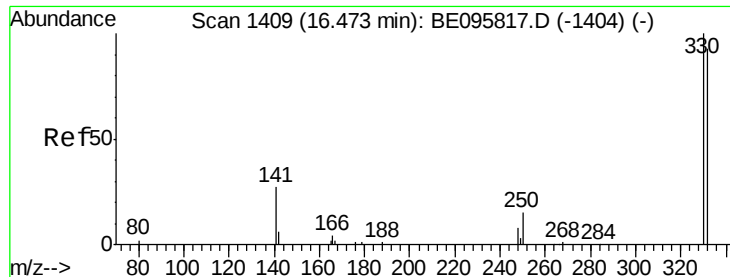
Tot Ion:152 Resp: 2636
Ion Ratio Lower Upper
152 100
151 19.1 15.4 23.0



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.99 min Scan# 1285
Delta R.T. -0.01 min
Lab File: BE095931.D
Acq: 2 Apr 2018 17:18

Tgt Ion:164 Resp: 1942
Ion Ratio Lower Upper
164 100
162 109.3 83.1 124.7
160 49.1 37.1 55.7

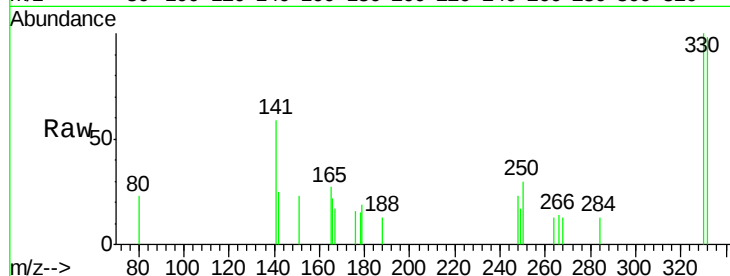




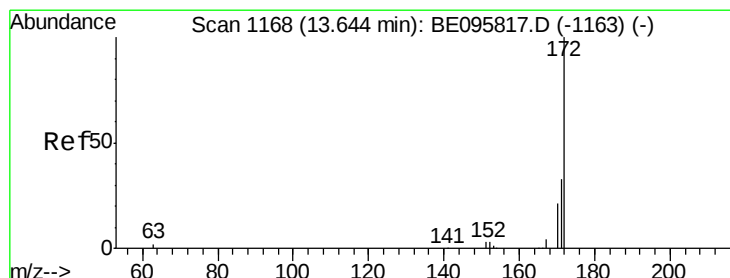
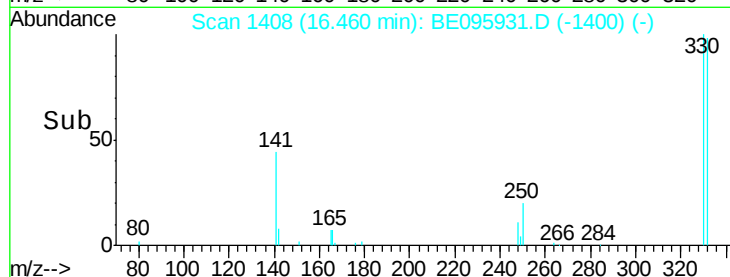
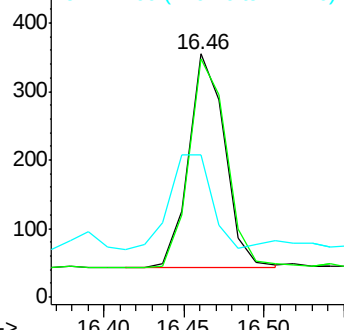
#14
2,4,6-Tribromophenol
Concen: 0.433 ng
RT: 16.46 min Scan# 1408
Delta R.T. -0.01 min
Lab File: BE095931.D
Acq: 2 Apr 2018 17:18

Instrument :
BNA_E
ClientSampleId :
SY-2D-20180327

Tot Ion:330 Resp: 485
Ion Ratio Lower Upper
330 100
332 101.4 152.7 229.1#
141 52.4 33.7 50.5#

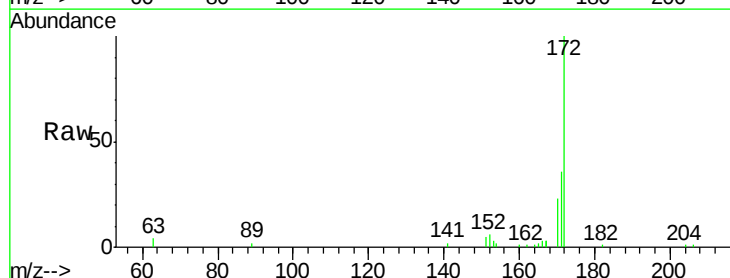


Abundance Ion 330.00 (329.70 to 330.70): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

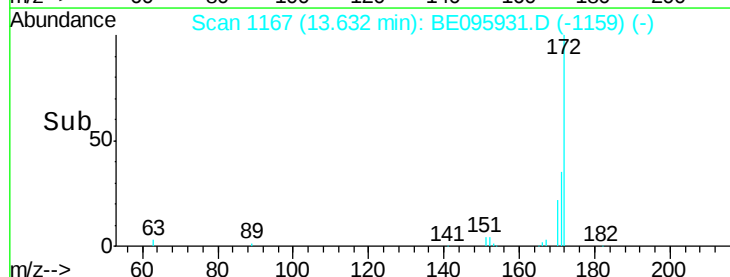
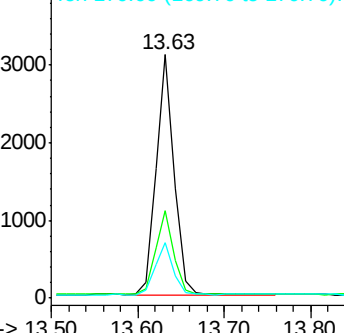


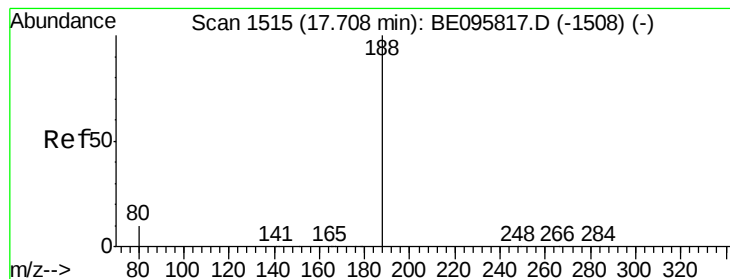
#15
2-Fluorobiphenyl
Concen: 0.549 ng
RT: 13.63 min Scan# 1167
Delta R.T. -0.01 min
Lab File: BE095931.D
Acq: 2 Apr 2018 17:18

Tgt Ion:172 Resp: 4497
Ion Ratio Lower Upper
172 100
171 35.8 29.9 44.9
170 22.8 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

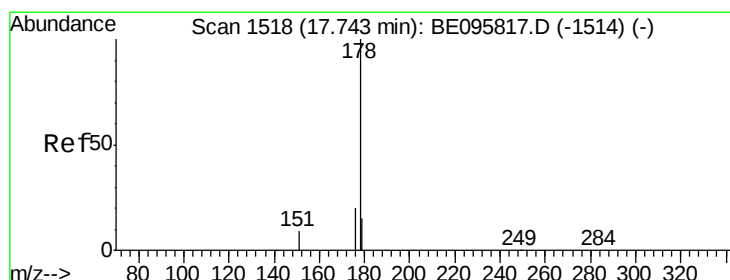
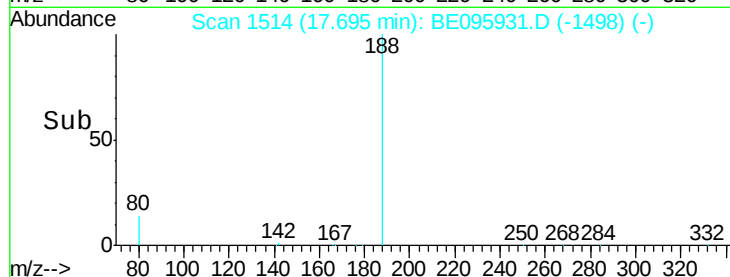
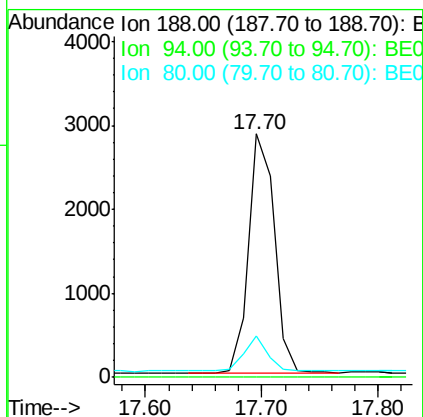
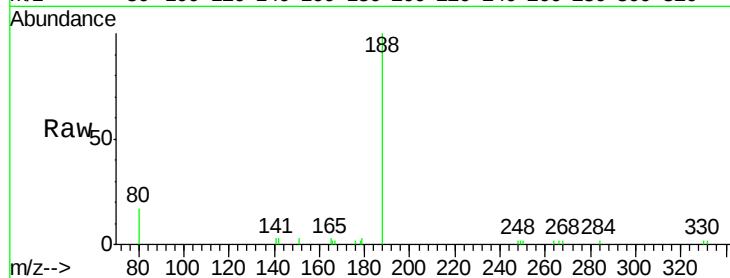




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.70 min Scan# 1514
Delta R.T. -0.01 min
Lab File: BE095931.D
Acq: 2 Apr 2018 17:18

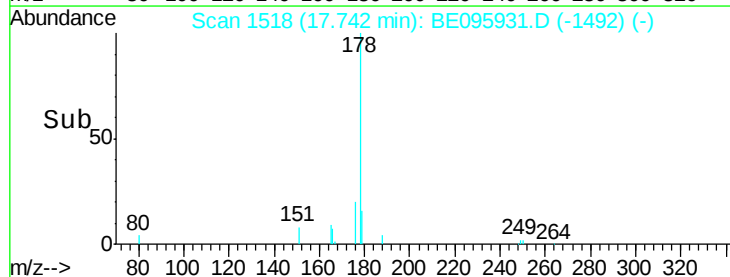
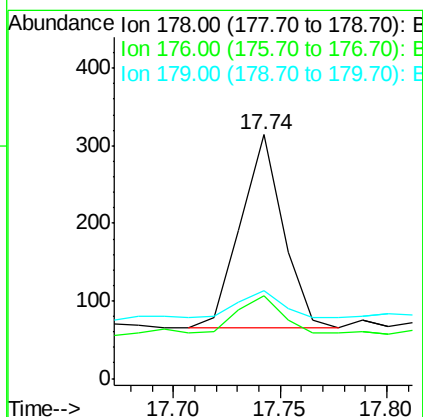
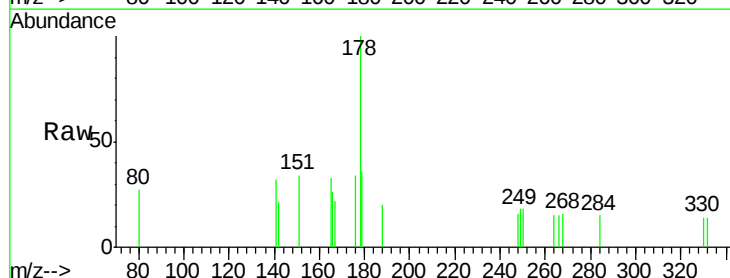
Instrument :
BNA_E
ClientSampleId :
SY-2D-20180327

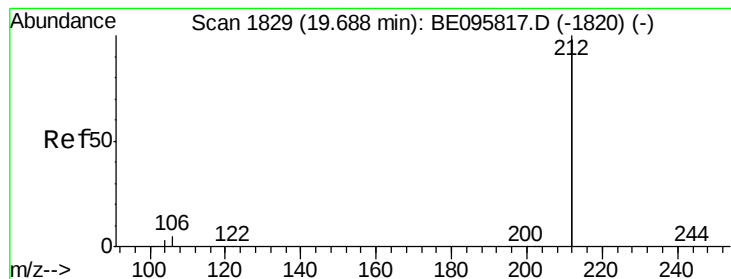
Tot Ion:188 Resp: 4452
Ion Ratio Lower Upper
188 100
94 0.0 3.9 5.9#
80 16.8 3.6 5.4#



#23
Phenanthrene
Concen: 0.026 ng
RT: 17.74 min Scan# 1518
Delta R.T. -0.00 min
Lab File: BE095931.D
Acq: 2 Apr 2018 17:18

Tgt Ion:178 Resp: 348
Ion Ratio Lower Upper
178 100
176 19.8 15.1 22.7
179 14.1 11.8 17.6





#25

Fluoranthene-d10

Concen: 0.452 ng

RT: 19.68 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BE095931.D

Acq: 2 Apr 2018 17:18

Instrument :

BNA_E

ClientSampleId :

SY-2D-20180327

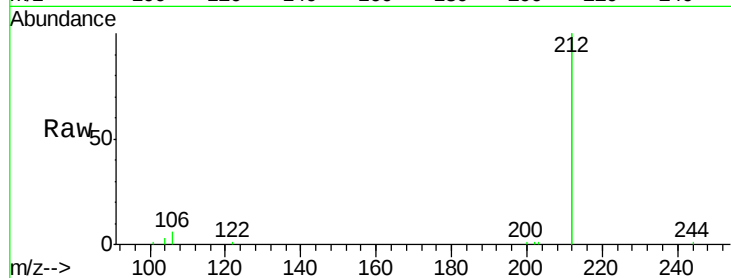
Tot Ion:212 Resp: 29861

Ion Ratio Lower Upper

212 100

106 3.1 2.8 4.2

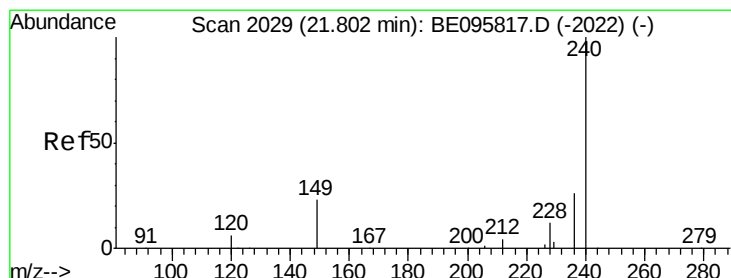
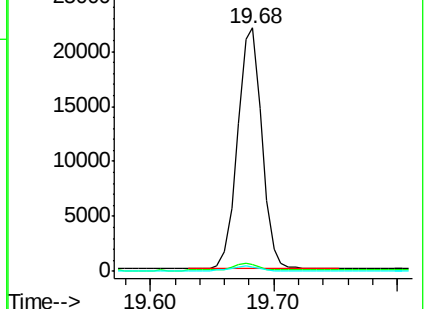
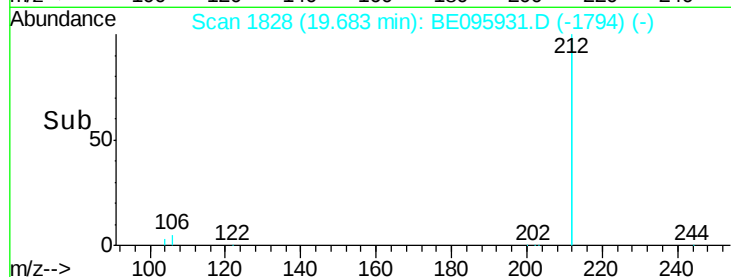
104 1.8 1.6 2.4



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: BE095931.D

Acq: 2 Apr 2018 17:18

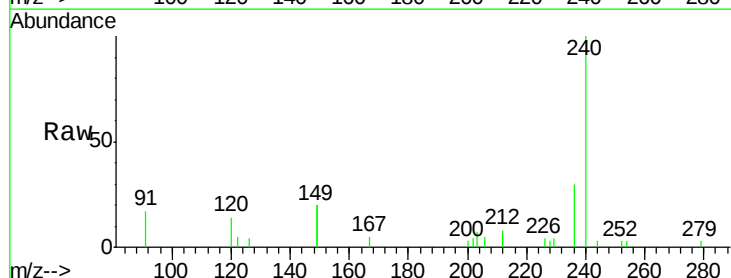
Tgt Ion:240 Resp: 4731

Ion Ratio Lower Upper

240 100

120 13.8 5.5 8.3#

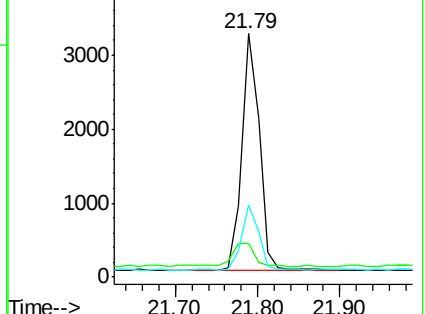
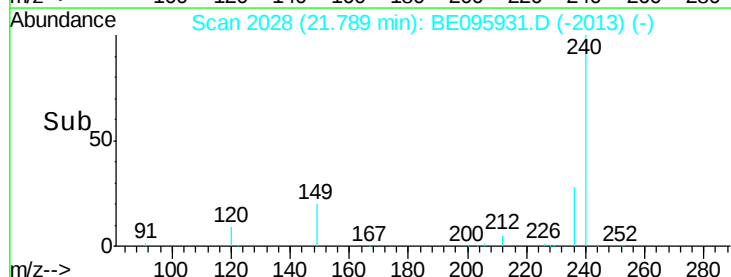
236 29.7 20.7 31.1

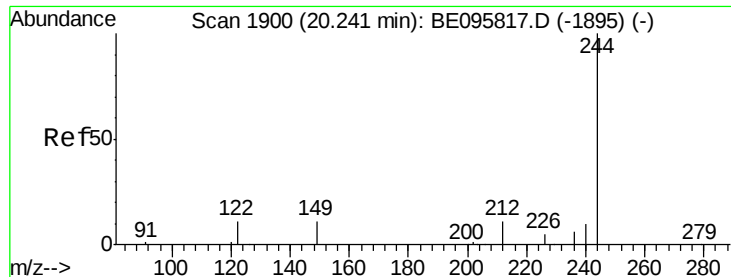


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.588 ng

RT: 20.24 min Scan# 1900

Delta R.T. -0.00 min

Lab File: BE095931.D

Acq: 2 Apr 2018 17:18

Instrument :

BNA_E

ClientSampleId :

SY-2D-20180327

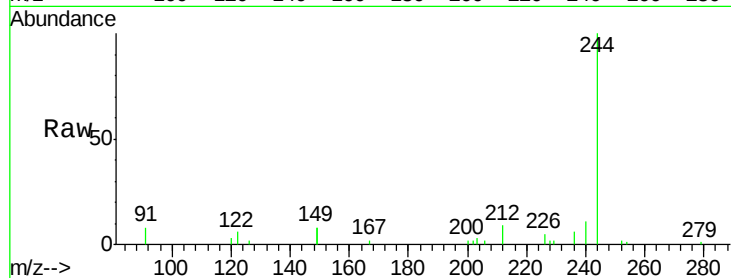
Tot Ion:244 Resp: 5909

Ion Ratio Lower Upper

244 100

212 8.6 25.4 38.0#

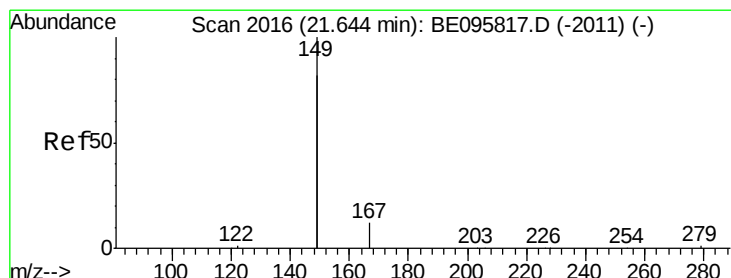
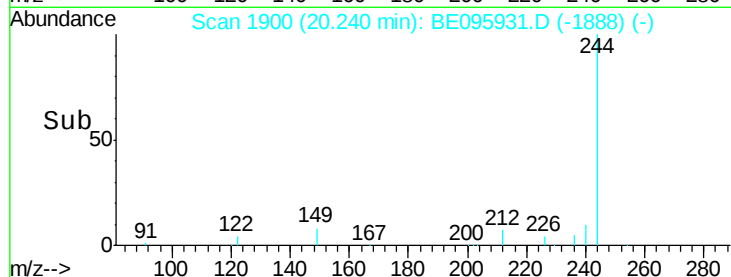
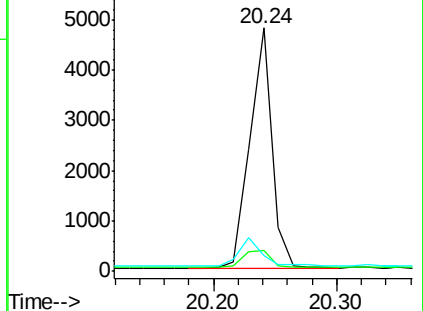
122 6.4 8.1 12.1#



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: 0.162 ng

RT: 21.64 min Scan# 2016

Delta R.T. -0.00 min

Lab File: BE095931.D

Acq: 2 Apr 2018 17:18

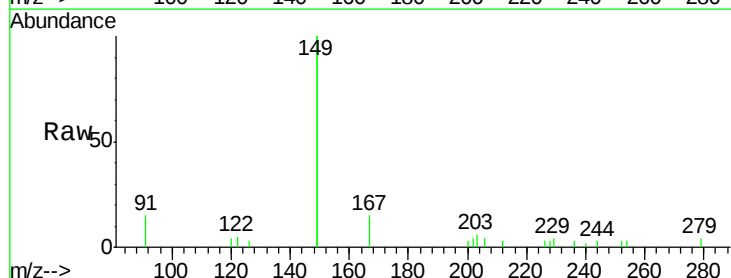
Tgt Ion:149 Resp: 8128

Ion Ratio Lower Upper

149 100

167 6.4 5.4 8.0

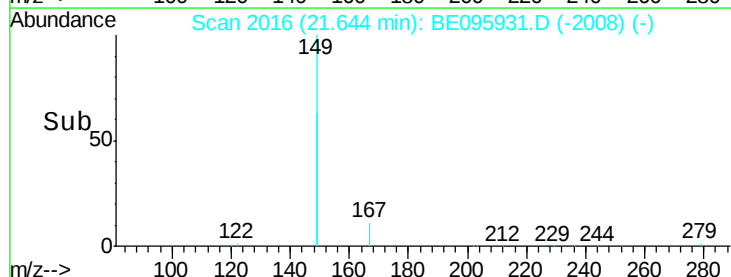
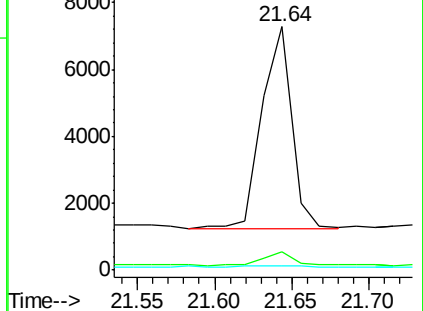
279 1.5 0.7 1.1#

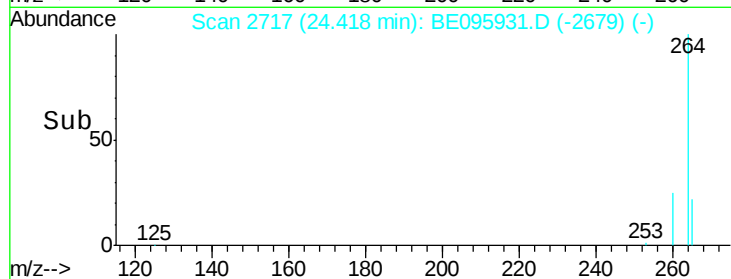
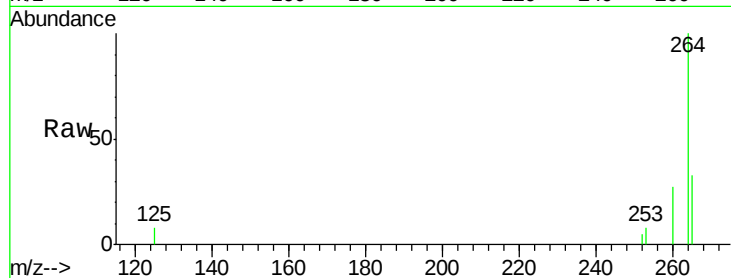
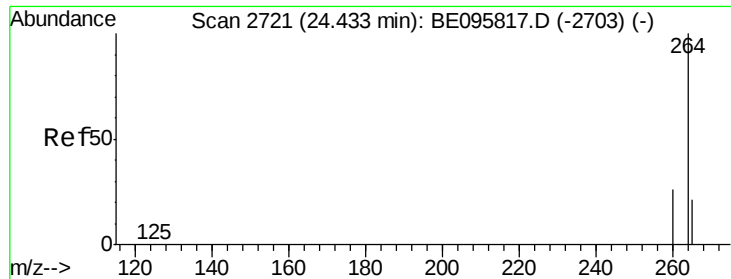


Abundance Ion 149.00 (148.70 to 149.70): E

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. -0.01 min

Lab File: BE095931.D

Acq: 2 Apr 2018 17:18

Instrument :

BNA_E

ClientSampleId :

SY-2D-20180327

Tot Ion:264 Resp: 4740

Ion Ratio Lower Upper

264 100

260 27.1 20.5 30.7

265 33.4 22.8 34.2

