

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031218\
 Data File : BE095744.D
 Acq On : 13 Mar 2018 00:43
 Operator : SJ/JU
 Sample : J1867-03DL 100X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 CPS093071DL

Quant Time: Mar 13 10:50:23 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE022318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 23 12:12:42 2018
 Response via : Initial Calibration

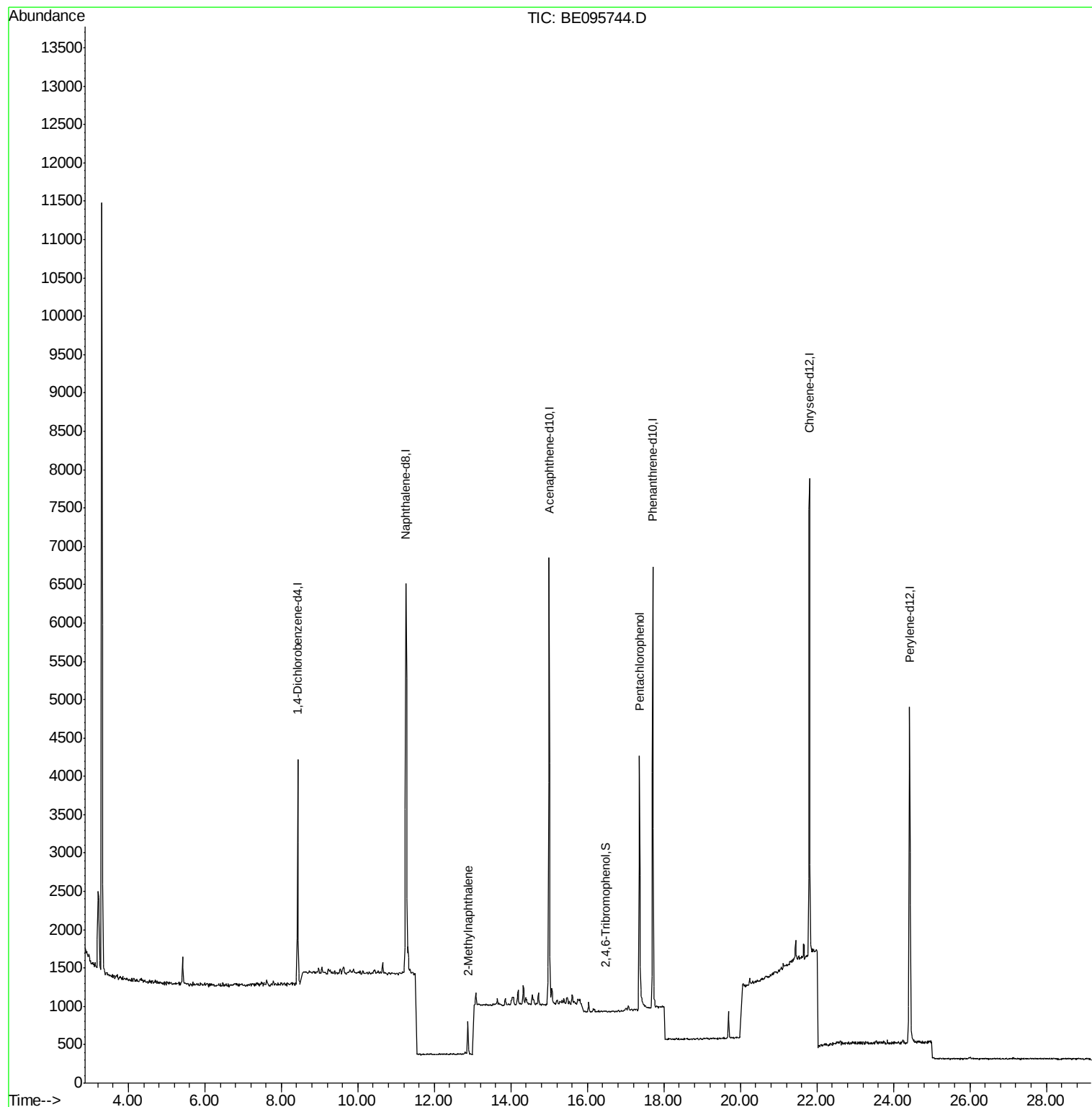
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.43	152	1406	0.40	ng	0.00
7) Naphthalene-d8	11.26	136	5702	0.40	ng	-0.02
13) Acenaphthene-d10	15.00	164	3292	0.40	ng	0.00
19) Phenanthrene-d10	17.71	188	7410	0.40	ng	0.00
27) Chrysene-d12	21.80	240	7273	0.40	ng	0.01
34) Perylene-d12	24.42	264	6815	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.93	112	10	0.00	ng	0.02
5) Phenol-d6	7.57	99	15	0.00	ng	0.01
8) Nitrobenzene-d5	9.61	82	46	0.01	ng	0.00
11) 2-Methylnaphthalene-d10	12.80	152	57	0.01	ng	0.00
14) 2,4,6-Tribromophenol	16.47	330	13	0.12	ng	0.00
15) 2-Fluorobiphenyl	13.64	172	90	0.01	ng	0.00
25) Fluoranthene-d10	19.69	212	487	0.01	ng	0.00
29) Terphenyl-d14	20.24	244	105	0.01	ng	0.00
Target Compounds						
12) 2-Methylnaphthalene	12.87	142	306	0.027	ng	# 87
22) Pentachlorophenol	17.36	266	1789	1.190	ng	# 73

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

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 8.43 min Scan# 569

Delta R.T. -0.01 min

Lab File: BE095744.D

Acq: 13 Mar 2018 00:43

Instrument :

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ClientSampleId :

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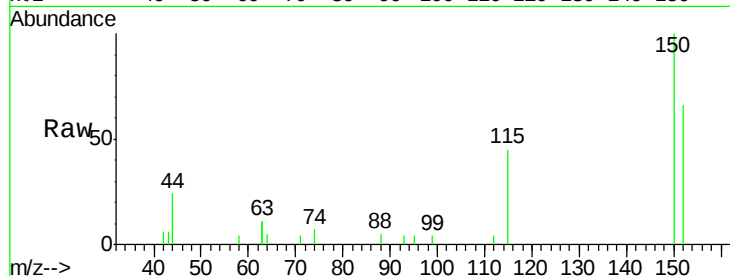
Tot Ion:152 Resp: 1406

Ion Ratio Lower Upper

152 100

150 151.8 117.2 175.8

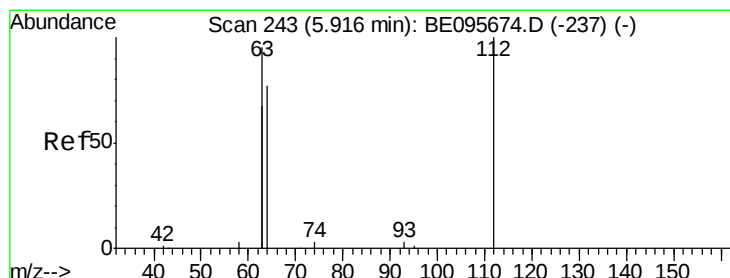
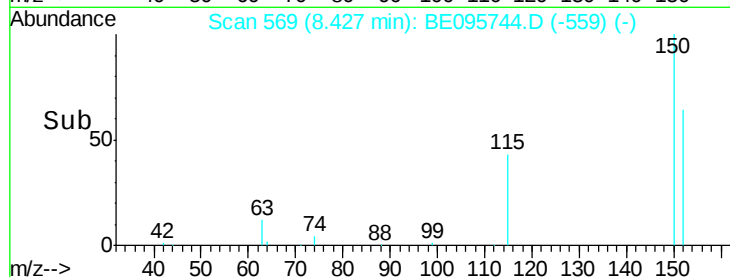
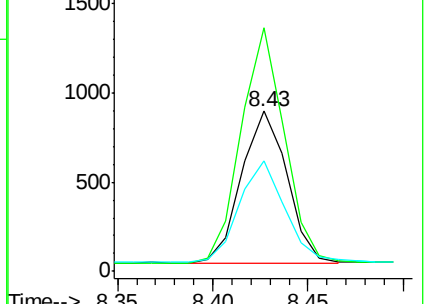
115 68.6 57.0 85.6



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: 0.003 ng

RT: 5.93 min Scan# 314

Delta R.T. 0.02 min

Lab File: BE095744.D

Acq: 13 Mar 2018 00:43

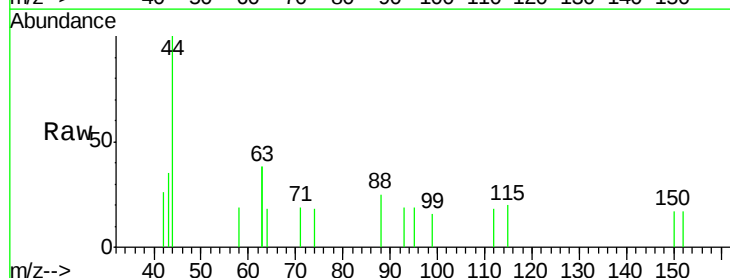
Tgt Ion:112 Resp: 10

Ion Ratio Lower Upper

112 100

64 110.0 60.1 90.1#

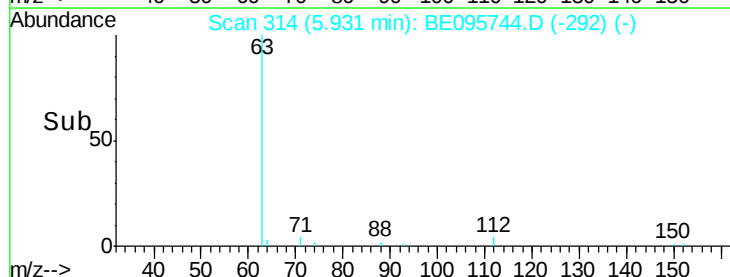
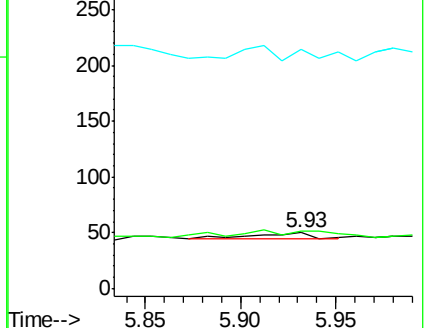
63 140.0 116.8 175.2



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: 0.003 ng

RT: 7.57 min Scan# 481

Delta R.T. 0.01 min

Lab File: BE095744.D

Acq: 13 Mar 2018 00:43

Instrument :

BNA_E

ClientSampleId :

CPS093071DL

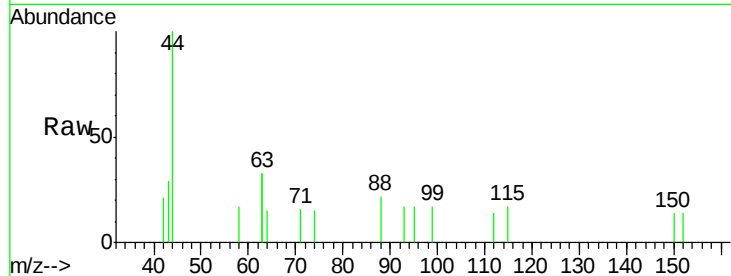
Tot Ion: 99 Resp: 15

Ion Ratio Lower Upper

99 100

42 140.0 20.2 30.2#

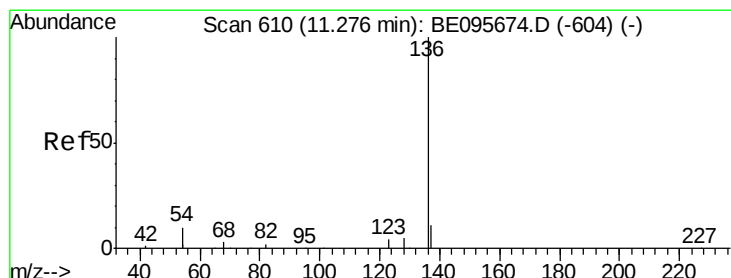
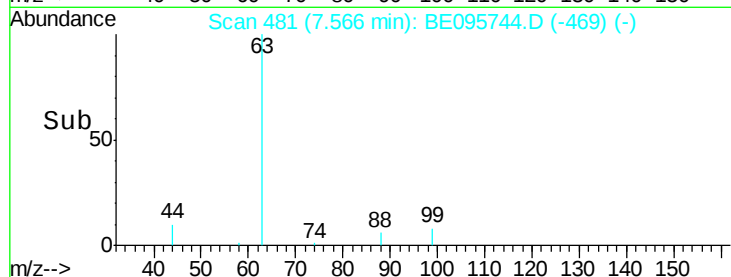
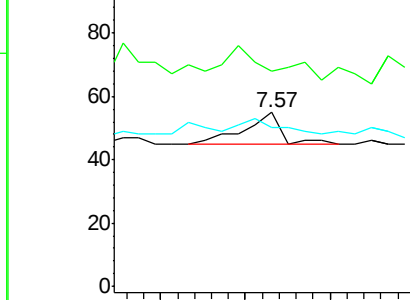
71 53.3 28.4 42.6#



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. -0.02 min

Lab File: BE095744.D

Acq: 13 Mar 2018 00:43

Tgt Ion: 136 Resp: 5702

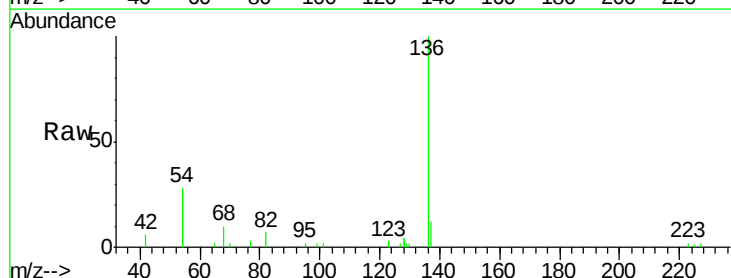
Ion Ratio Lower Upper

136 100

137 12.2 9.5 14.3

54 56.0 29.1 43.7#

68 10.0 6.2 9.2#

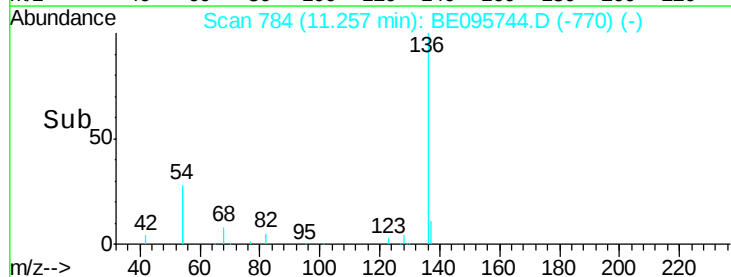
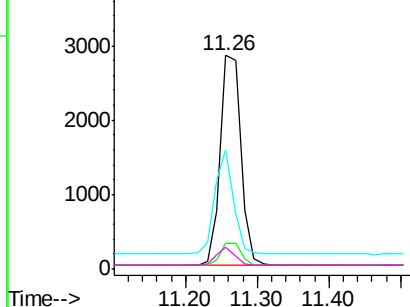


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.008 ng

RT: 9.61 min Scan# 657

Delta R.T. -0.01 min

Lab File: BE095744.D

Acq: 13 Mar 2018 00:43

Instrument :

BNA_E

ClientSampleId :

CPS093071DL

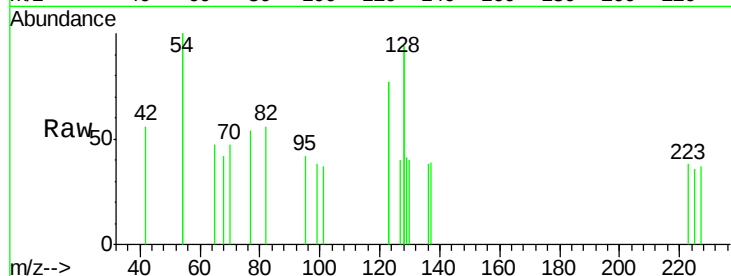
Tot Ion: 82 Resp: 46

Ion Ratio Lower Upper

82 100

128 336.4 150.0 225.0#

54 357.6 154.2 231.4#

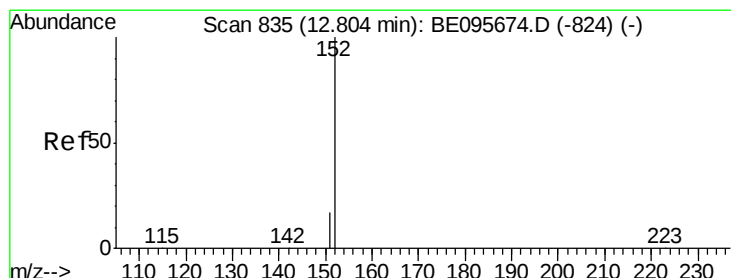
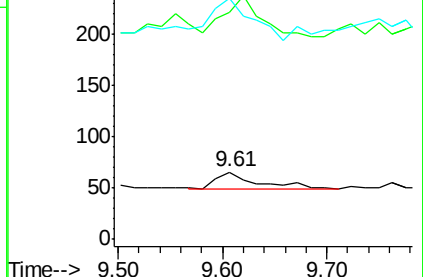
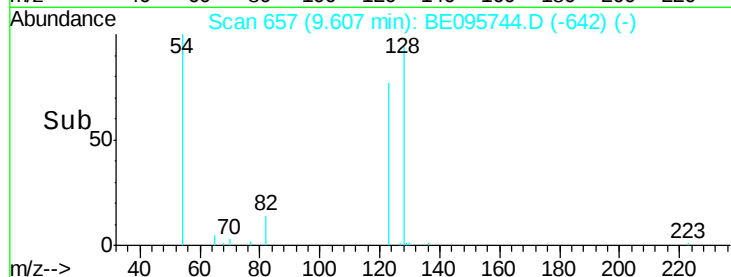


Abundance Ion 82.00 (81.70 to 82.70): BE095744.D (-642) (-)

Ion 128.00 (127.70 to 128.70): BE095744.D (-642) (-)

Ion 54.00 (53.70 to 54.70): BE095744.D (-642) (-)

Time-->



#11

2-Methylnaphthalene-d10

Concen: 0.006 ng

RT: 12.80 min Scan# 1073

Delta R.T. -0.00 min

Lab File: BE095744.D

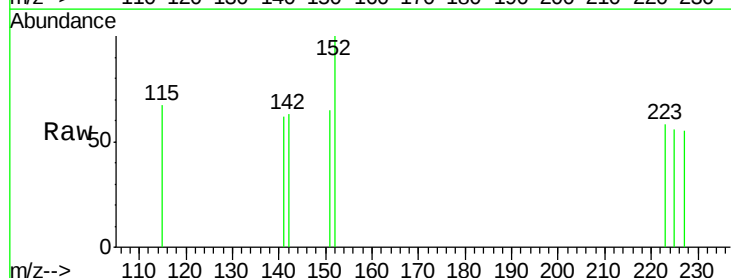
Acq: 13 Mar 2018 00:43

Tgt Ion: 152 Resp: 57

Ion Ratio Lower Upper

152 100

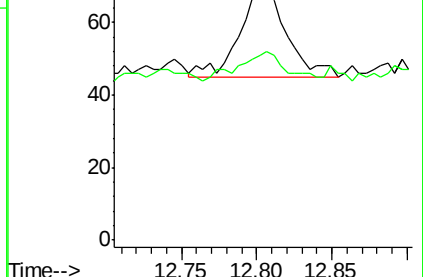
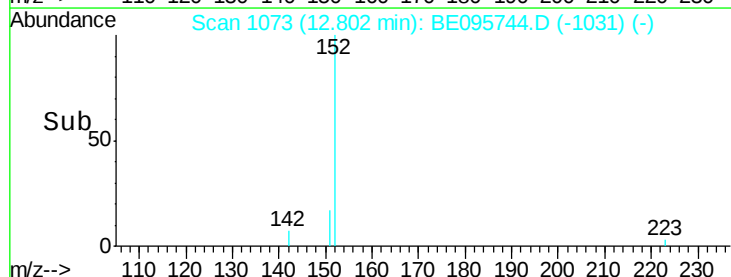
151 29.8 15.4 23.0#

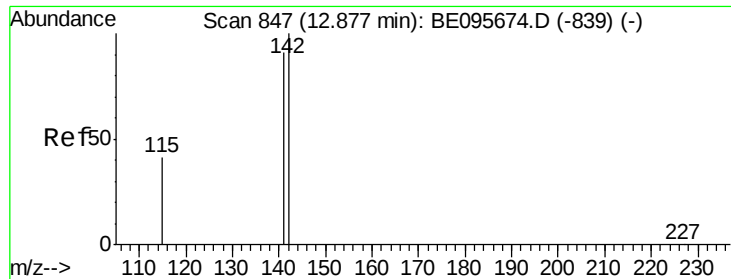


Abundance Ion 152.00 (151.70 to 152.70): BE095744.D (-1031) (-)

Ion 151.00 (150.70 to 151.70): BE095744.D (-1031) (-)

Time-->

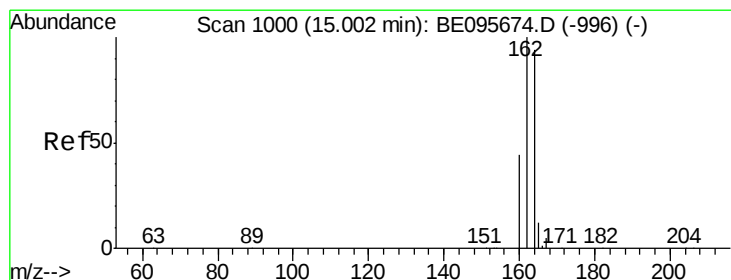
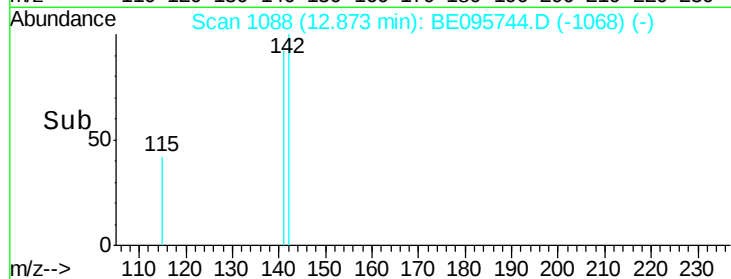
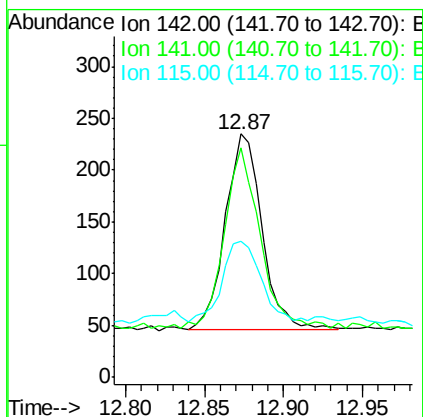
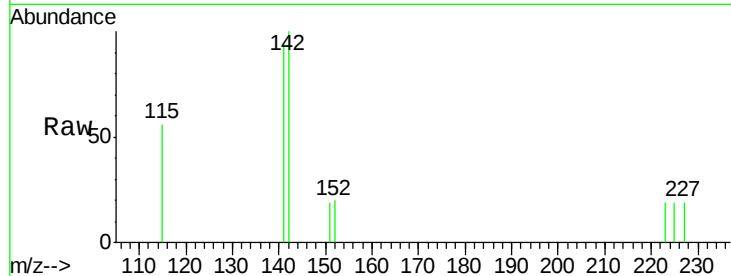




#12
2-Methylnaphthalene
Concen: 0.027 ng
RT: 12.87 min Scan# 1088
Delta R.T. -0.00 min
Lab File: BE095744.D
Acq: 13 Mar 2018 00:43

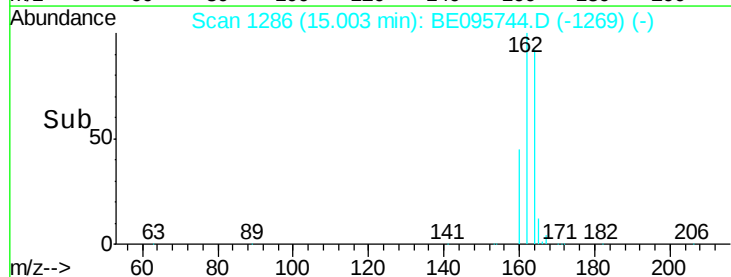
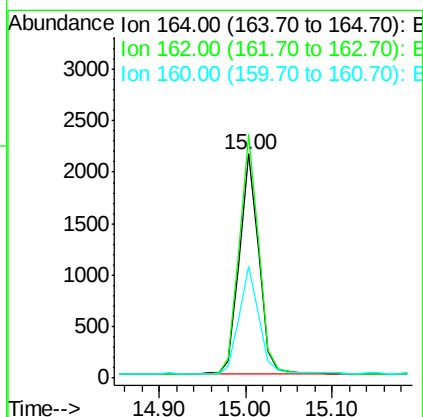
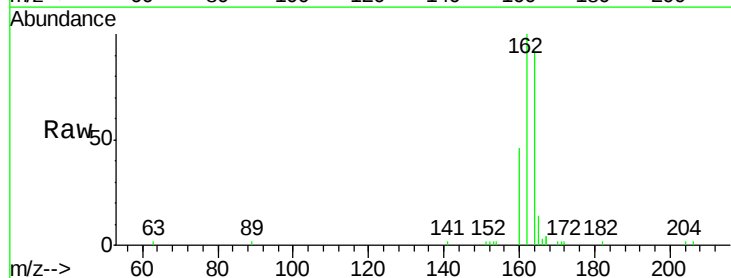
Instrument :
BNA_E
ClientSampleId :
CPS093071DL

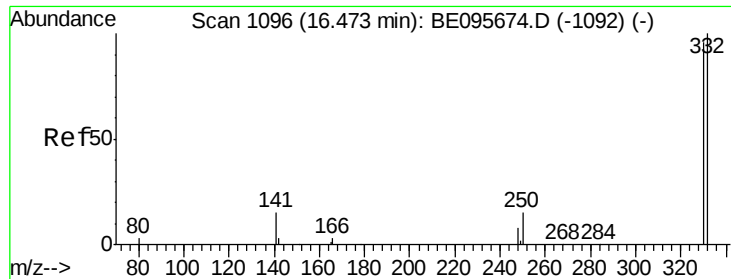
Tot Ion:142 Resp: 306
Ion Ratio Lower Upper
142 100
141 94.0 70.4 105.6
115 56.2 31.7 47.5#



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 15.00 min Scan# 1286
Delta R.T. 0.00 min
Lab File: BE095744.D
Acq: 13 Mar 2018 00:43

Tgt Ion:164 Resp: 3292
Ion Ratio Lower Upper
164 100
162 108.6 83.1 124.7
160 49.7 37.1 55.7





#14

2,4,6-Tribromophenol

Concen: 0.124 ng

RT: 16.47 min Scan# 1409

Delta R.T. -0.00 min

Lab File: BE095744.D

Acq: 13 Mar 2018 00:43

Instrument :

BNA_E

ClientSampleId :

CPS093071DL

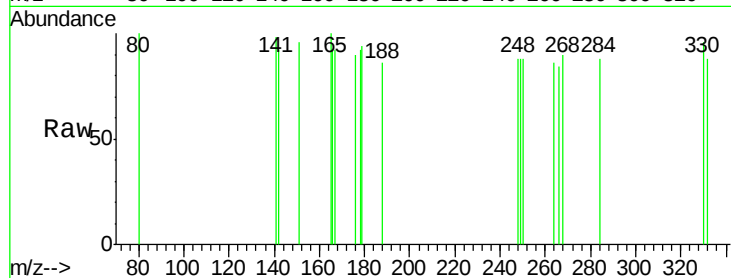
Tot Ion:330 Resp: 13

Ion Ratio Lower Upper

330 100

332 76.9 152.7 229.1#

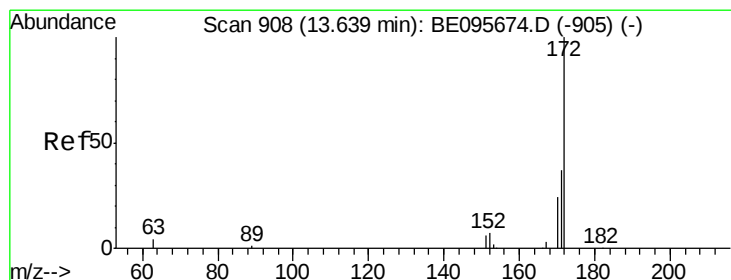
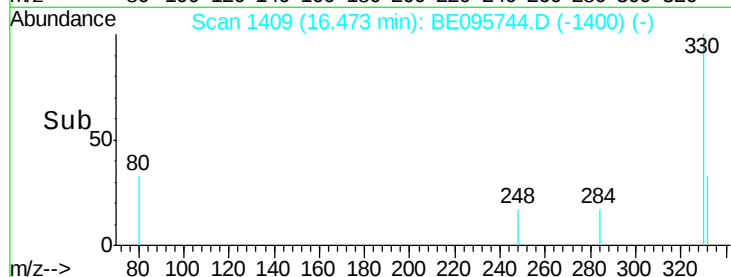
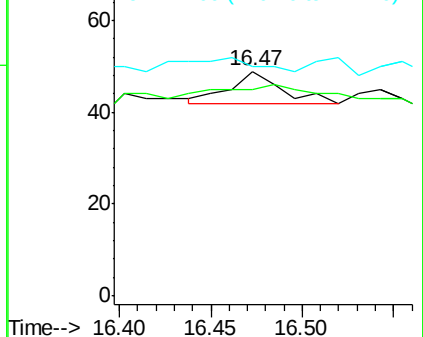
141 0.0 33.7 50.5#



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: 0.006 ng

RT: 13.64 min Scan# 1168

Delta R.T. 0.00 min

Lab File: BE095744.D

Acq: 13 Mar 2018 00:43

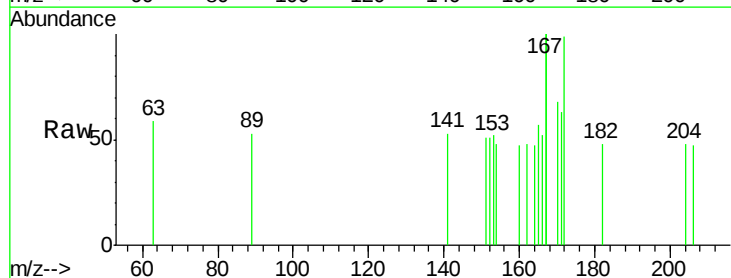
Tgt Ion:172 Resp: 90

Ion Ratio Lower Upper

172 100

171 64.1 29.9 44.9#

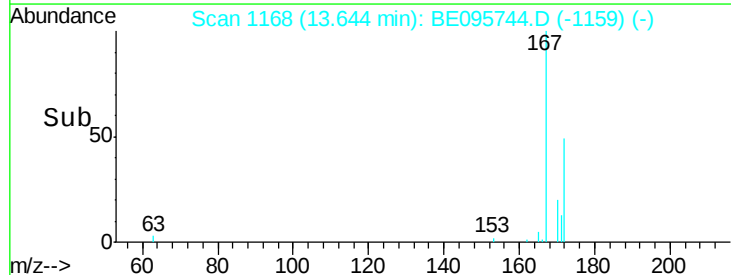
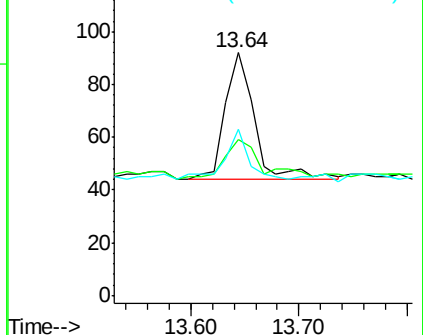
170 68.5 21.8 32.8#

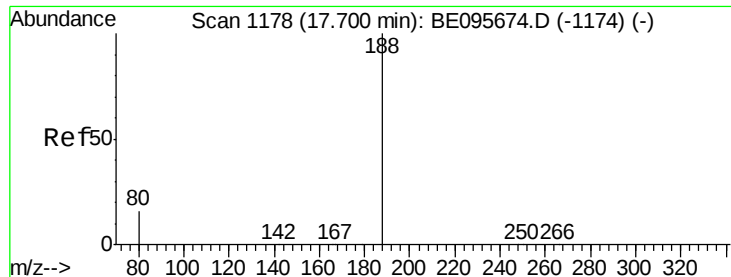


Abundance Ion 172.00 (171.70 to 172.70): E

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: 17.71 min Scan# 1515

Delta R.T. 0.01 min

Lab File: BE095744.D

Acq: 13 Mar 2018 00:43

Instrument :

BNA_E

ClientSampleId :

CPS093071DL

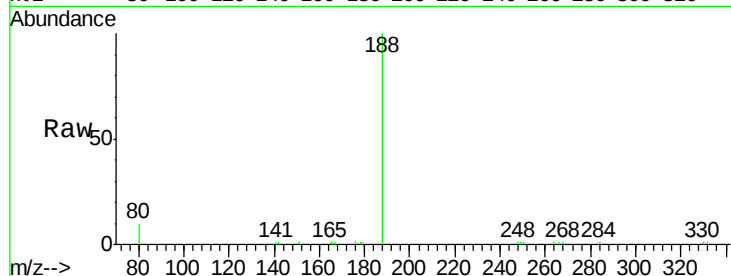
Tot Ion:188 Resp: 7410

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

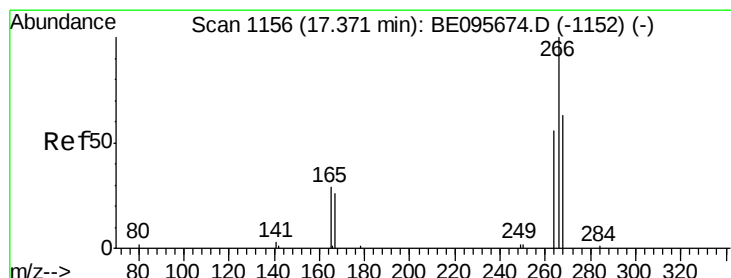
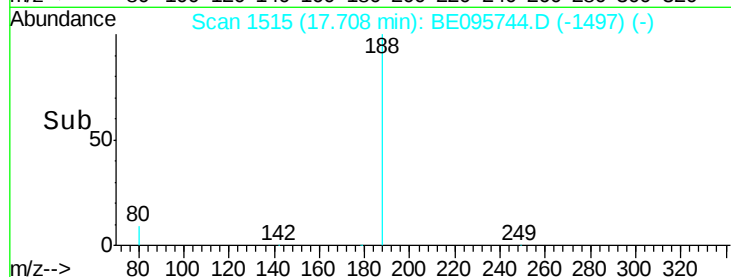
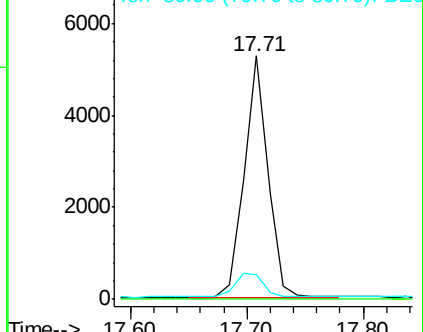
80 10.1 3.6 5.4#



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: 1.190 ng

RT: 17.36 min Scan# 1485

Delta R.T. -0.01 min

Lab File: BE095744.D

Acq: 13 Mar 2018 00:43

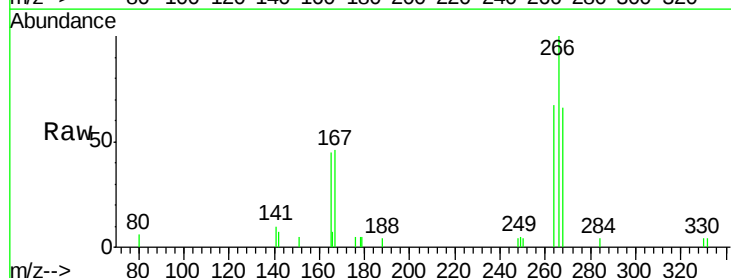
Tgt Ion:266 Resp: 1789

Ion Ratio Lower Upper

266 100

264 66.7 72.5 108.7#

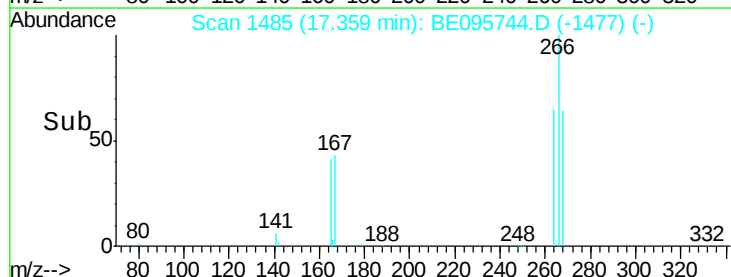
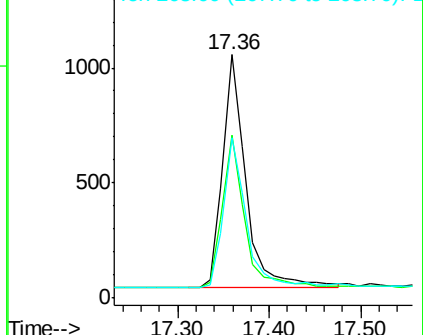
268 65.7 73.8 110.6#

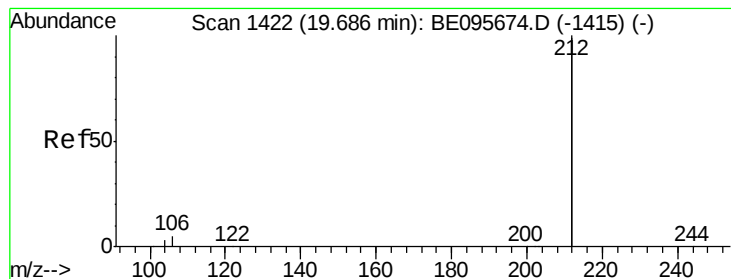


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.005 ng

RT: 19.69 min Scan# 1829

Delta R.T. 0.00 min

Lab File: BE095744.D

Acq: 13 Mar 2018 00:43

Instrument :

BNA_E

ClientSampleId :

CPS093071DL

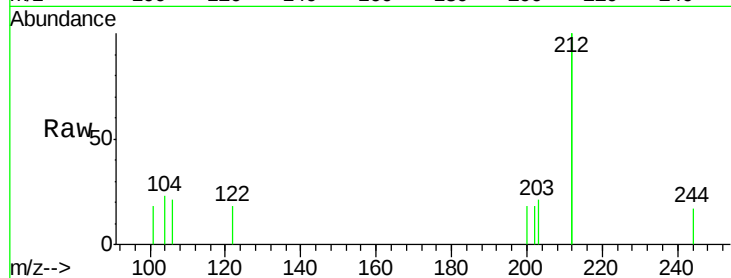
Tot Ion:212 Resp: 487

Ion Ratio Lower Upper

212 100

106 3.5 2.8 4.2

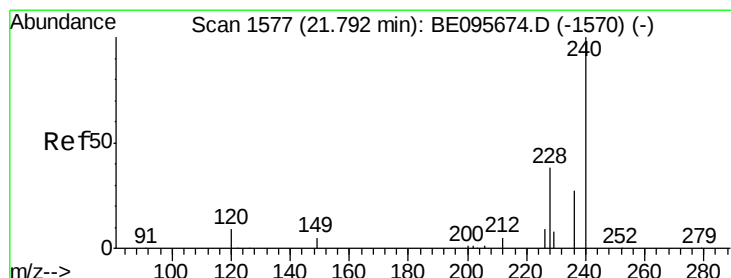
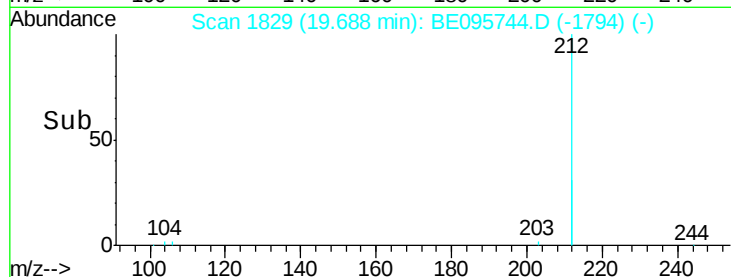
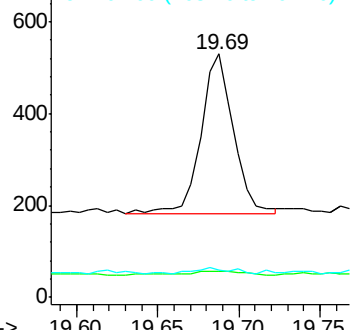
104 4.7 1.6 2.4#



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: 21.80 min Scan# 2029

Delta R.T. 0.01 min

Lab File: BE095744.D

Acq: 13 Mar 2018 00:43

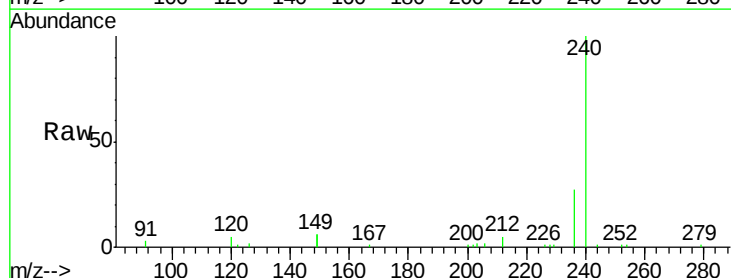
Tgt Ion:240 Resp: 7273

Ion Ratio Lower Upper

240 100

120 5.0 5.5 8.3#

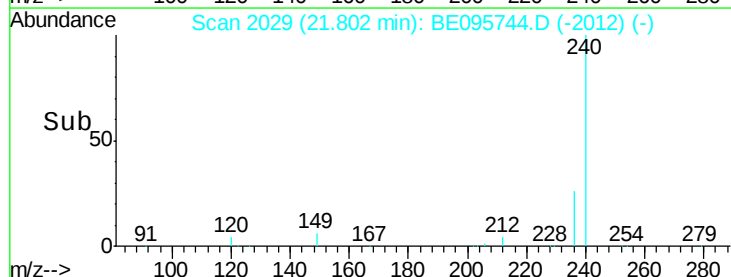
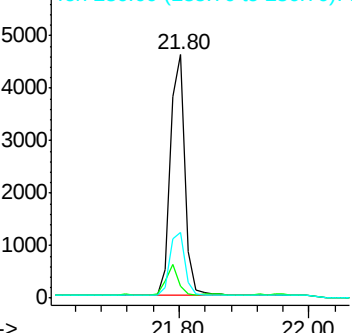
236 26.9 20.7 31.1

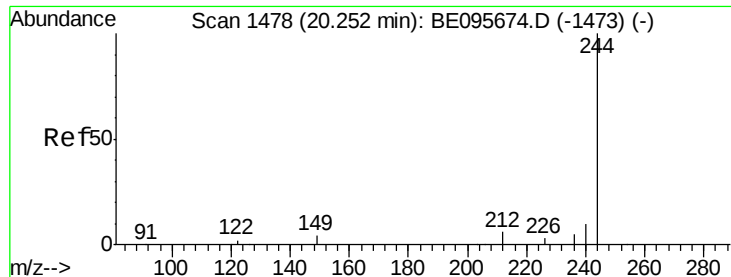


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.007 ng

RT: 20.24 min Scan# 1900

Delta R.T. -0.01 min

Lab File: BE095744.D

Acq: 13 Mar 2018 00:43

Instrument :

BNA_E

ClientSampleId :

CPS093071DL

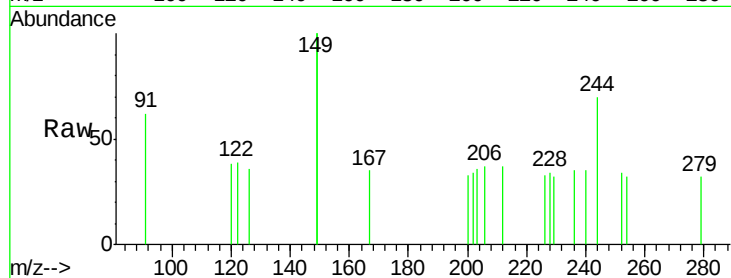
Tot Ion:244 Resp: 105

Ion Ratio Lower Upper

244 100

212 52.9 25.4 38.0#

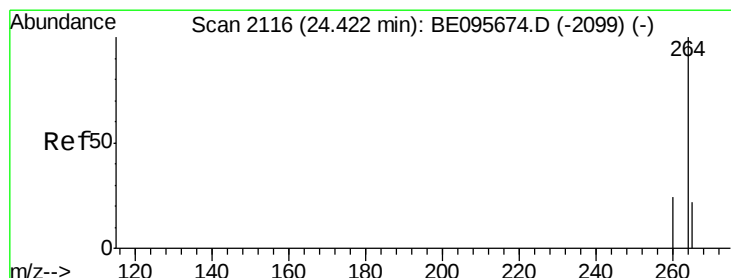
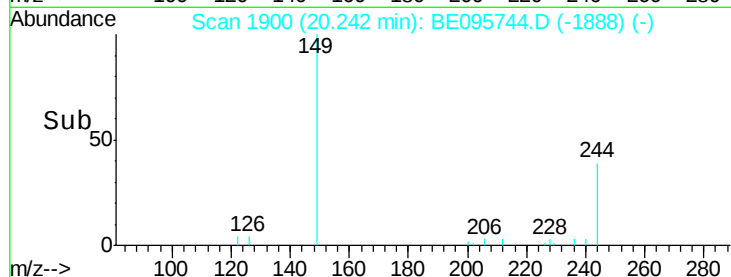
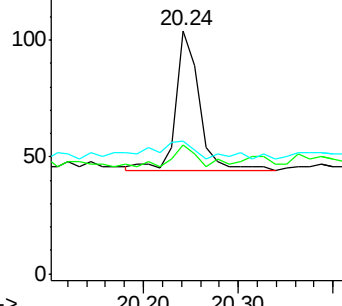
122 54.8 8.1 12.1#



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



#34

Perylene-d12

Concen: 0.400 ng

RT: 24.42 min Scan# 2718

Delta R.T. 0.00 min

Lab File: BE095744.D

Acq: 13 Mar 2018 00:43

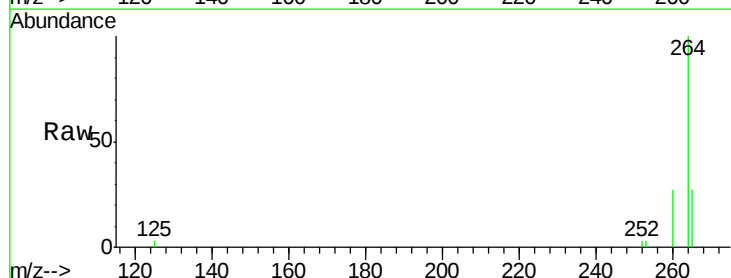
Tgt Ion:264 Resp: 6815

Ion Ratio Lower Upper

264 100

260 26.6 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

