

Data Path : Z:\HPCHEM1\BNA E\DATA\BE032718\
 Data File : BE095867.D
 Acq On : 27 Mar 2018 14:07
 Operator : SJ/JU
 Sample : J1994-07RE
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Mar 27 17:39:17 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

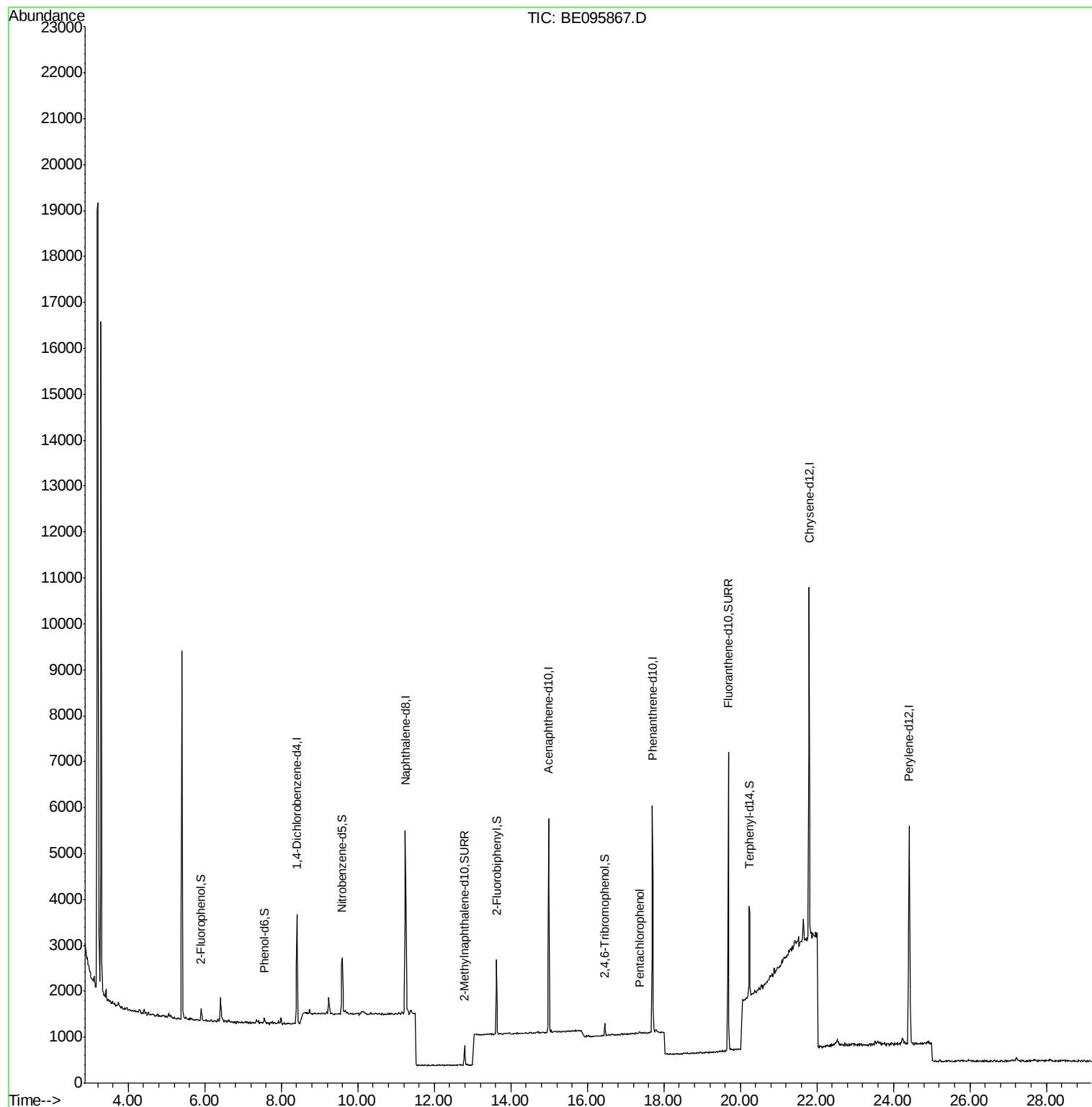
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.41	152	1128	0.40	ng	-0.02
7) Naphthalene-d8	11.24	136	4277	0.40	ng	-0.01
13) Acenaphthene-d10	14.99	164	2615	0.40	ng	-0.01
19) Phenanthrene-d10	17.70	188	6648	0.40	ng	-0.01
27) Chrysene-d12	21.79	240	7580	0.40	ng	-0.01
34) Perylene-d12	24.41	264	7298	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.90	112	133	0.04	ng	-0.02
5) Phenol-d6	7.56	99	124	0.02	ng	0.00
8) Nitrobenzene-d5	9.59	82	522	0.10	ng	0.00
11) 2-Methylnaphthalene-d10	12.79	152	607	0.09	ng	-0.02
14) 2,4,6-Tribromophenol	16.46	330	155	0.10	ng	-0.01
15) 2-Fluorobiphenyl	13.63	172	1433	0.13	ng	-0.01
25) Fluoranthene-d10	19.68	212	8559	0.09	ng	0.00
29) Terphenyl-d14	20.24	244	2109	0.13	ng	0.00
Target Compounds						
22) Pentachlorophenol	17.36	266	37	0.156	ng	Qvalue 94

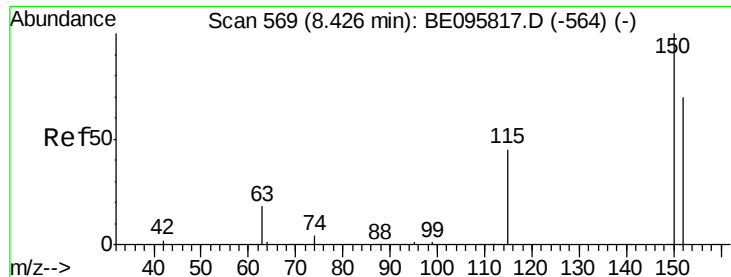
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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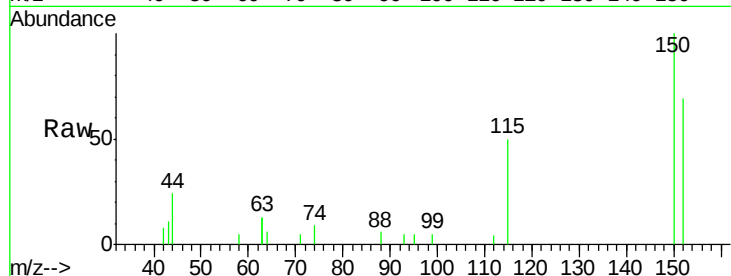


#1

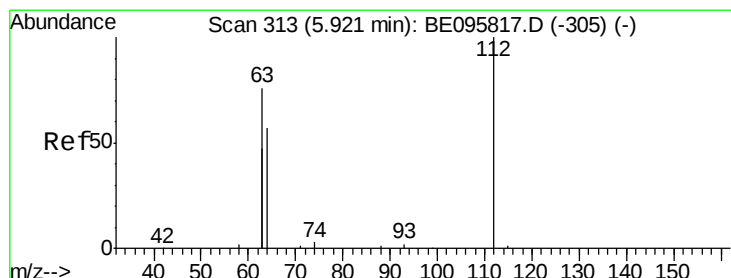
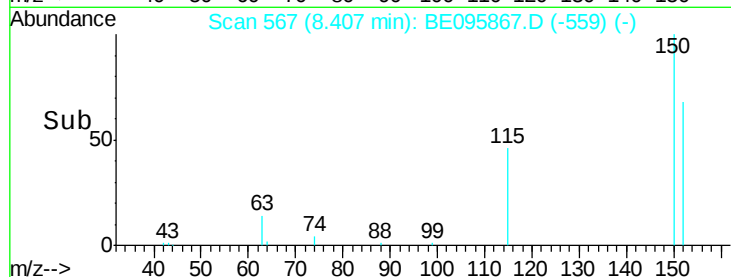
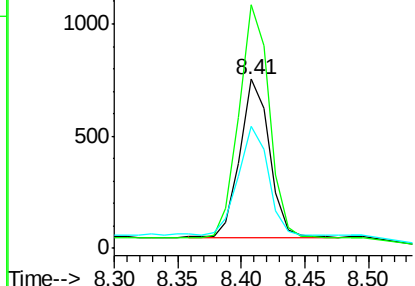
1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.41 min Scan# 567
 Delta R.T. -0.02 min
 Lab File: BE095867.D
 Acq: 27 Mar 2018 14:07

Instrument :
 BNA_E
 ClientSampled :

Tot Ion:152 Resp: 1128
 Ion Ratio Lower Upper
 152 100
 150 144.3 117.2 175.8
 115 72.3 57.0 85.6



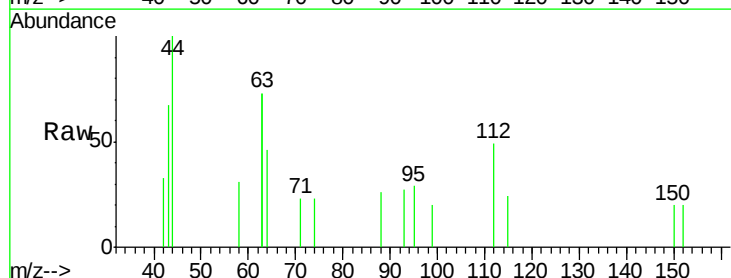
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



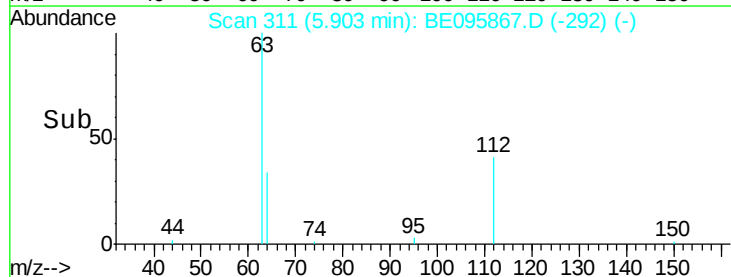
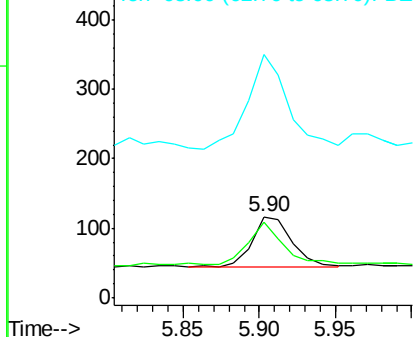
#4

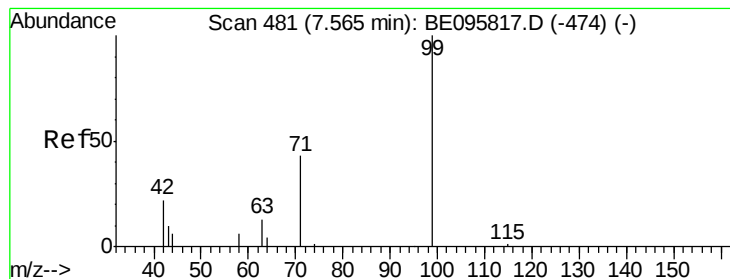
2-Fluorophenol
 Concen: 0.036 ng
 RT: 5.90 min Scan# 311
 Delta R.T. -0.02 min
 Lab File: BE095867.D
 Acq: 27 Mar 2018 14:07

Tgt Ion:112 Resp: 133
 Ion Ratio Lower Upper
 112 100
 64 72.9 60.1 90.1
 63 188.7 116.8 175.2#



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: 0.024 ng

RT: 7.56 min Scan# 480

Delta R.T. -0.01 min

Lab File: BE095867.D

Acq: 27 Mar 2018 14:07

Instrument :

BNA_E

ClientSampled :

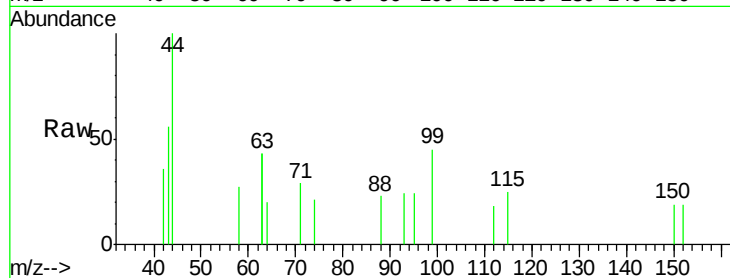
Tot Ion: 99 Resp: 124

Ion Ratio Lower Upper

99 100

42 36.3 20.2 30.2#

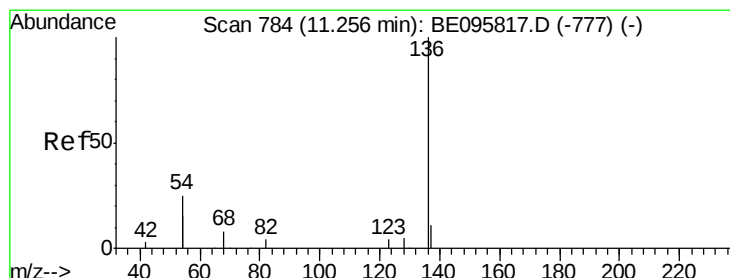
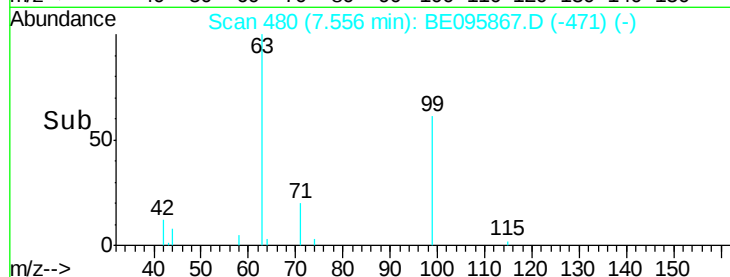
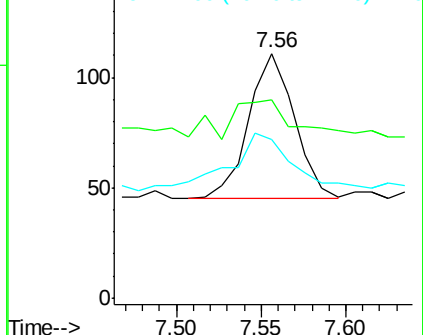
71 53.2 28.4 42.6#



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: 11.24 min Scan# 783

Delta R.T. -0.01 min

Lab File: BE095867.D

Acq: 27 Mar 2018 14:07

Tgt Ion: 136 Resp: 4277

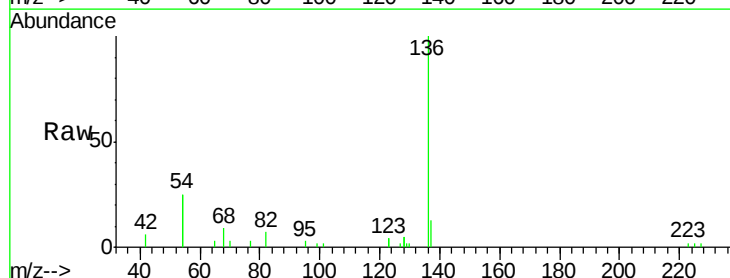
Ion Ratio Lower Upper

136 100

137 12.7 9.5 14.3

54 49.2 29.1 43.7#

68 9.2 6.2 9.2

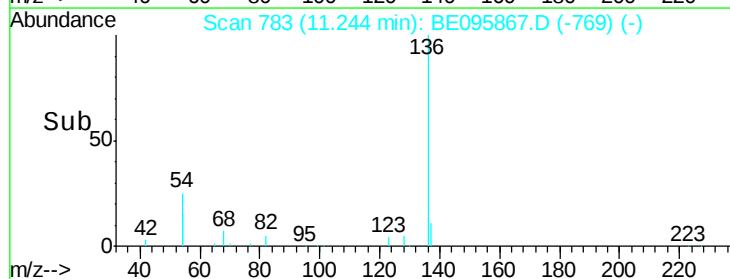
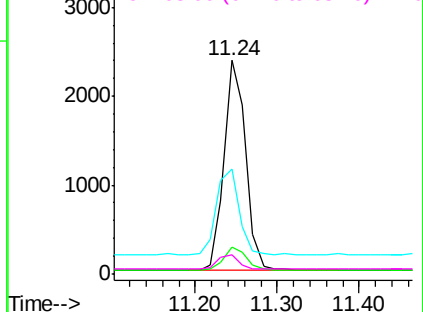


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.103 ng

RT: 9.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: BE095867.D

Acq: 27 Mar 2018 14:07

Instrument :

BNA_E

ClientSampleId :

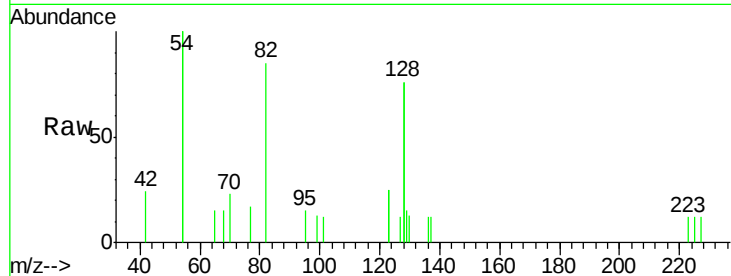
Tot Ion: 82 Resp: 522

Ion Ratio Lower Upper

82 100

128 179.4 150.0 225.0

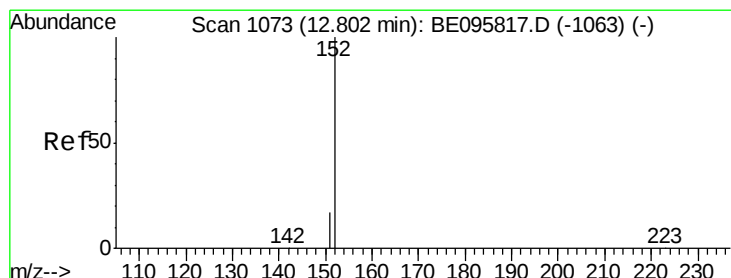
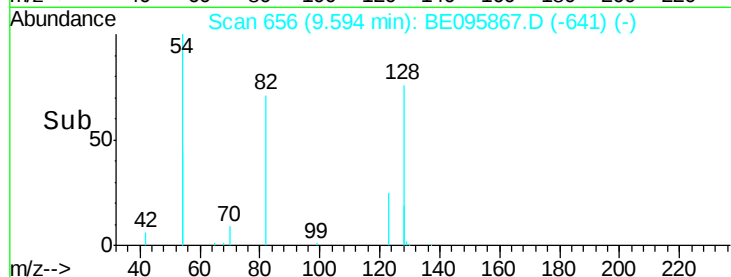
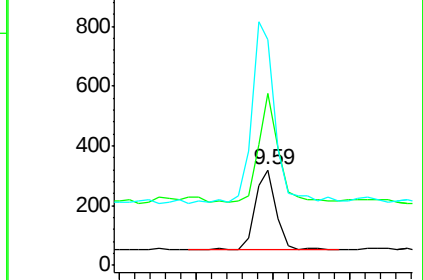
54 235.5 154.2 231.4#



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: 0.085 ng

RT: 12.79 min Scan# 1070

Delta R.T. -0.02 min

Lab File: BE095867.D

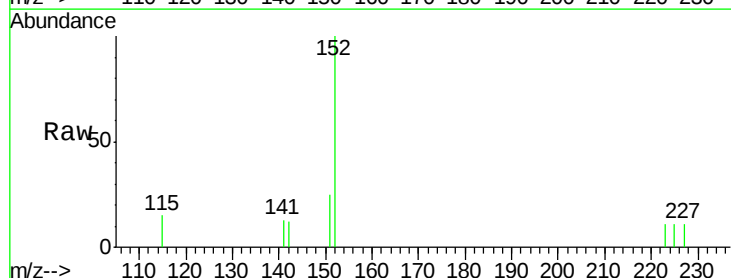
Acq: 27 Mar 2018 14:07

Tgt Ion: 152 Resp: 607

Ion Ratio Lower Upper

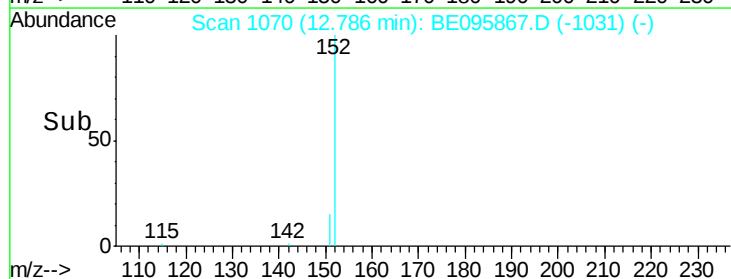
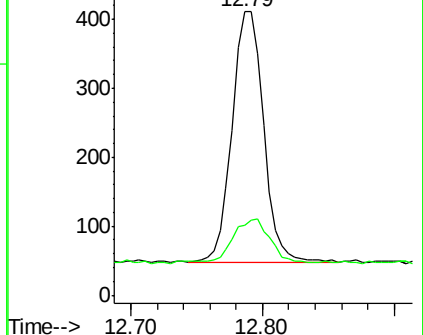
152 100

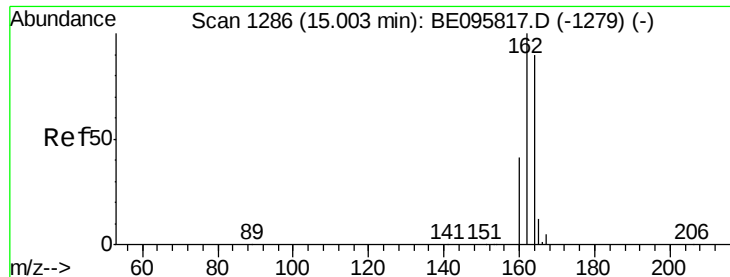
151 20.4 15.4 23.0



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: BE095867.D

Acq: 27 Mar 2018 14:07

Instrument :

BNA_E

ClientSampleId :

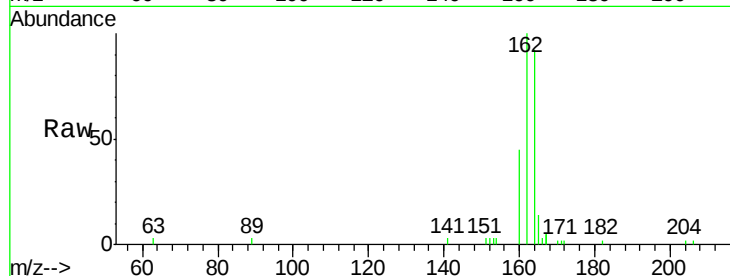
Tot Ion:164 Resp: 2615

Ion Ratio Lower Upper

164 100

162 108.5 83.1 124.7

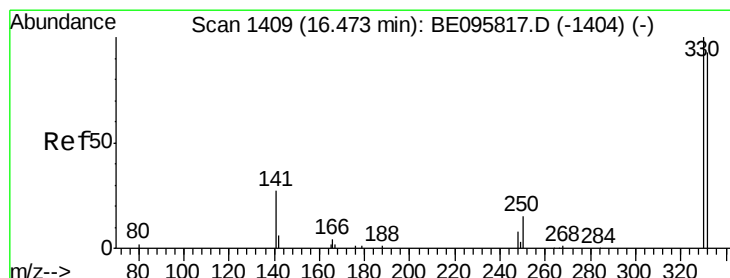
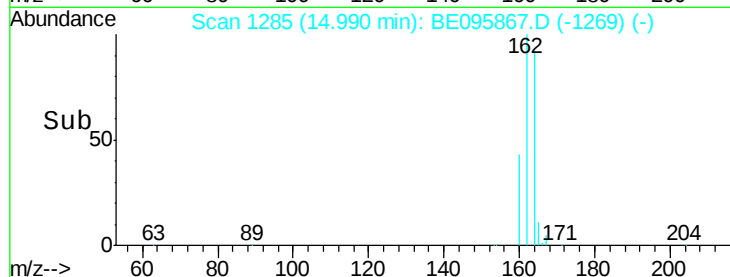
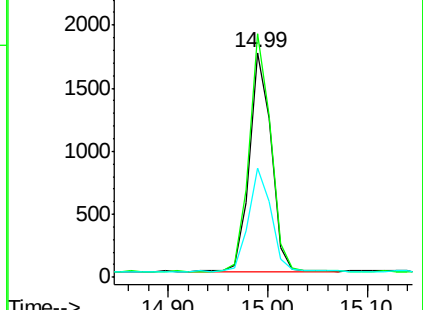
160 48.7 37.1 55.7



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: 0.103 ng

RT: 16.46 min Scan# 1408

Delta R.T. -0.01 min

Lab File: BE095867.D

Acq: 27 Mar 2018 14:07

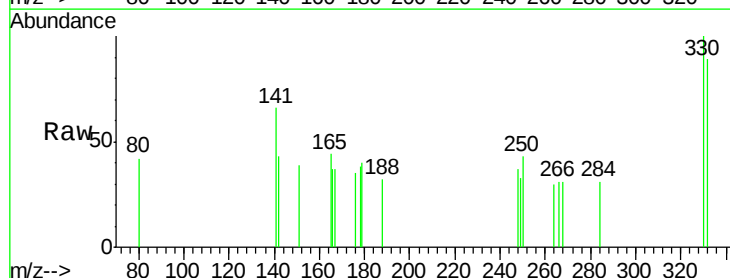
Tgt Ion:330 Resp: 155

Ion Ratio Lower Upper

330 100

332 91.0 152.7 229.1#

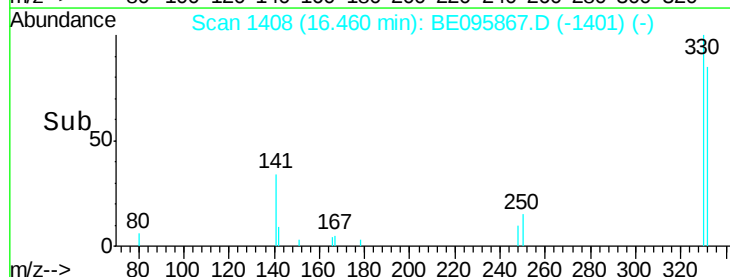
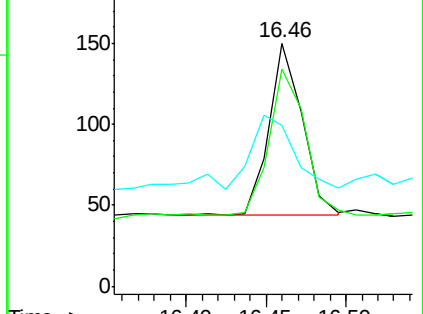
141 55.5 33.7 50.5#

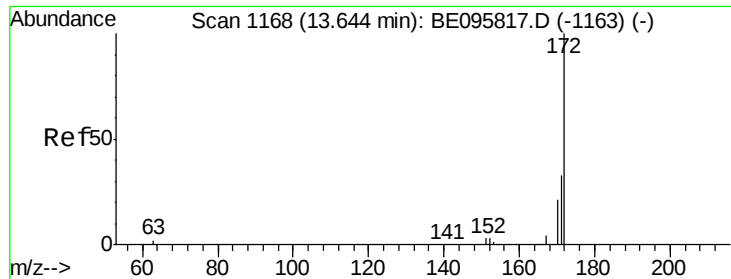


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

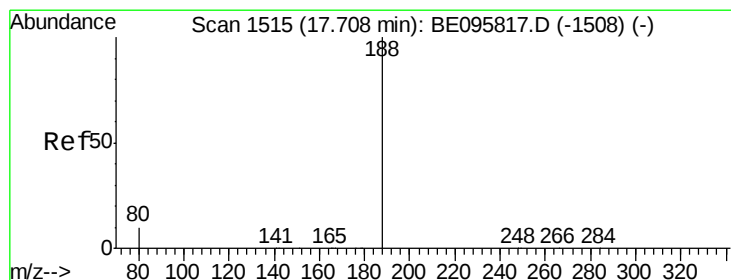
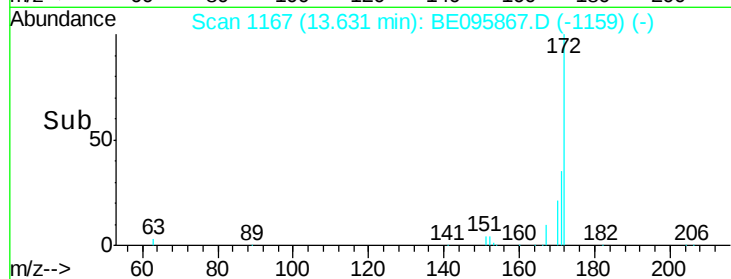
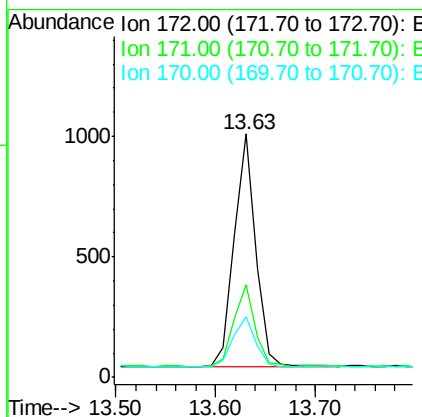
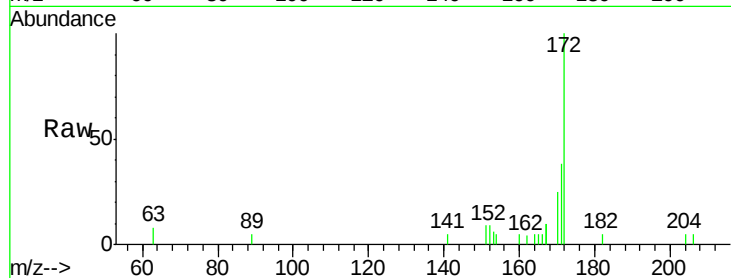




#15
2-Fluorobiphenyl
Concen: 0.130 ng
RT: 13.63 min Scan# 1167
Delta R.T. -0.01 min
Lab File: BE095867.D
Acq: 27 Mar 2018 14:07

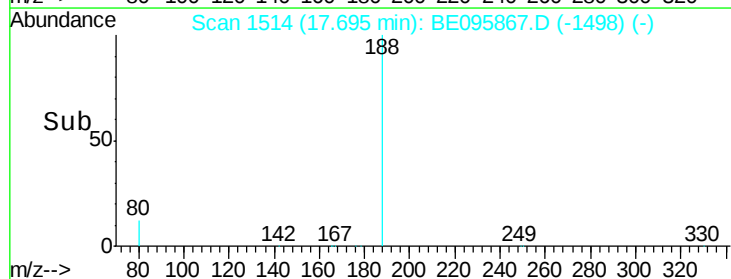
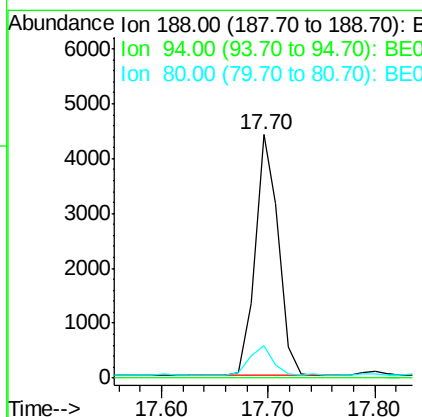
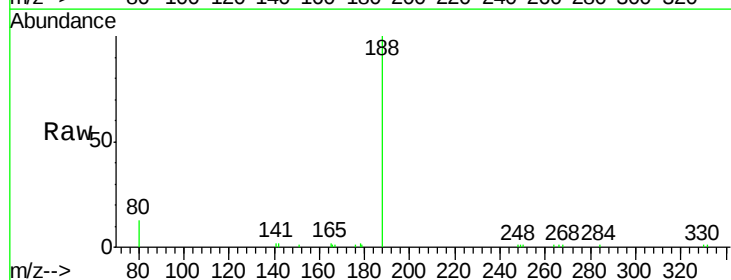
Instrument :
BNA_E
ClientSampleId :

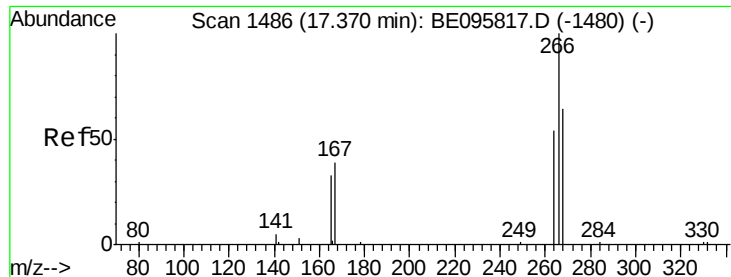
Tot Ion:172 Resp: 1433
Ion Ratio Lower Upper
172 100
171 38.0 29.9 44.9
170 24.7 21.8 32.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.70 min Scan# 1514
Delta R.T. -0.01 min
Lab File: BE095867.D
Acq: 27 Mar 2018 14:07

Tgt Ion:188 Resp: 6648
Ion Ratio Lower Upper
188 100
94 0.0 3.9 5.9#
80 13.4 3.6 5.4#





#22

Pentachlorophenol

Concen: 0.156 ng

RT: 17.36 min Scan# 1485

Delta R.T. -0.01 min

Lab File: BE095867.D

Acq: 27 Mar 2018 14:07

Instrument :

BNA_E

ClientSampleId :

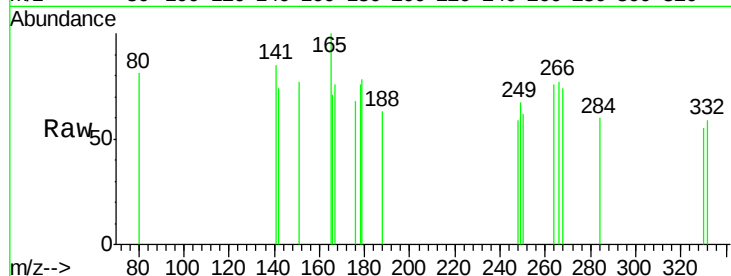
Tot Ion:266 Resp: 37

Ion Ratio Lower Upper

266 100

264 98.3 72.5 108.7

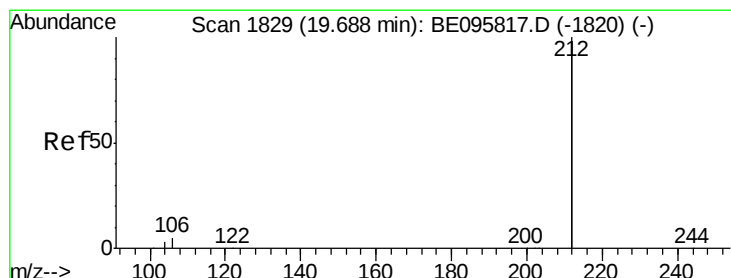
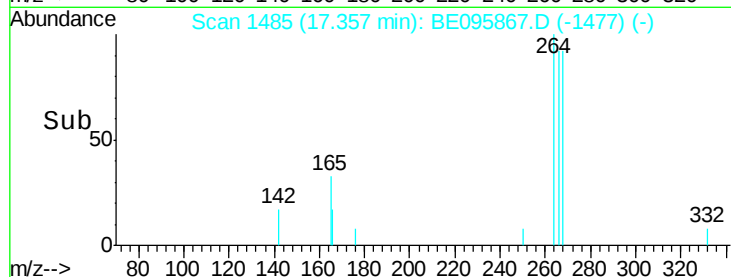
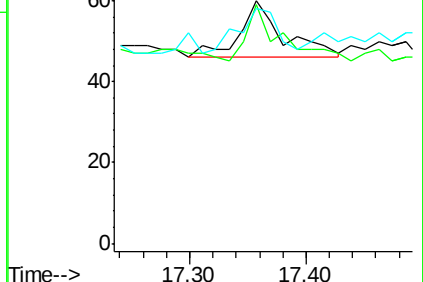
268 96.7 73.8 110.6



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: 0.087 ng

RT: 19.68 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BE095867.D

Acq: 27 Mar 2018 14:07

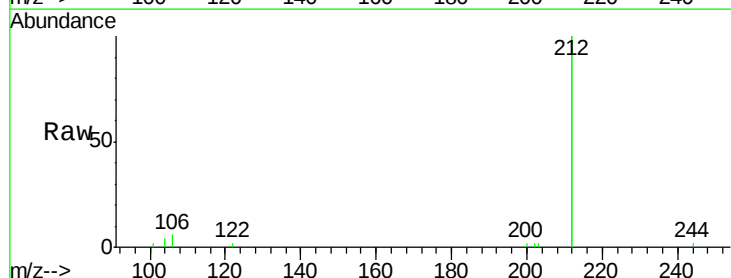
Tgt Ion:212 Resp: 8559

Ion Ratio Lower Upper

212 100

106 2.8 2.8 4.2

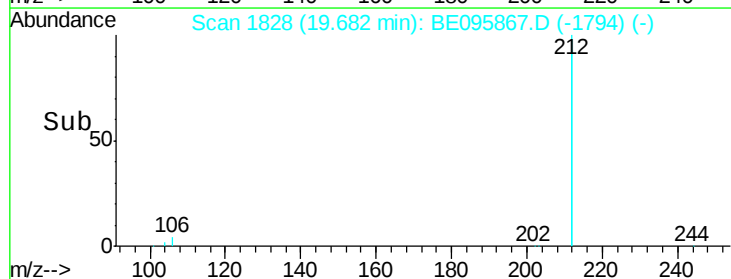
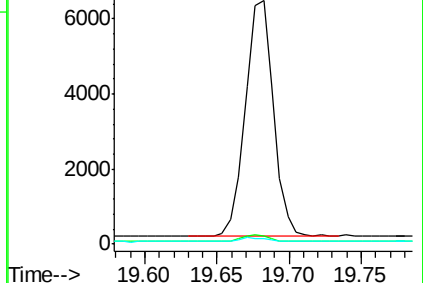
104 2.0 1.6 2.4

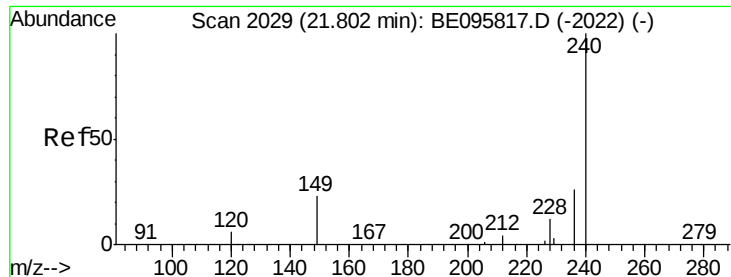


Abundance Ion 212.00 (211.70 to 212.70): E

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: BE095867.D

Acq: 27 Mar 2018 14:07

Instrument :

BNA_E

ClientSampleId :

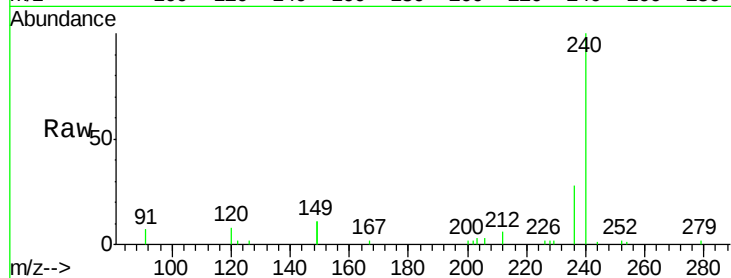
Tot Ion:240 Resp: 7580

Ion Ratio Lower Upper

240 100

120 8.2 5.5 8.3

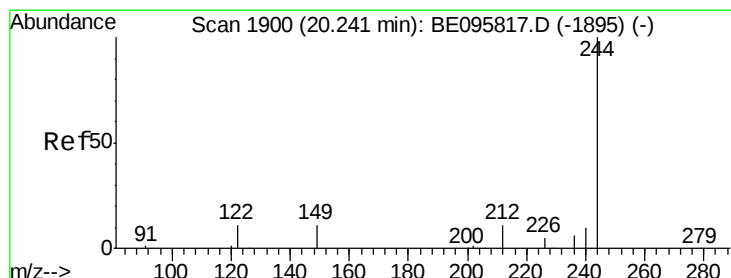
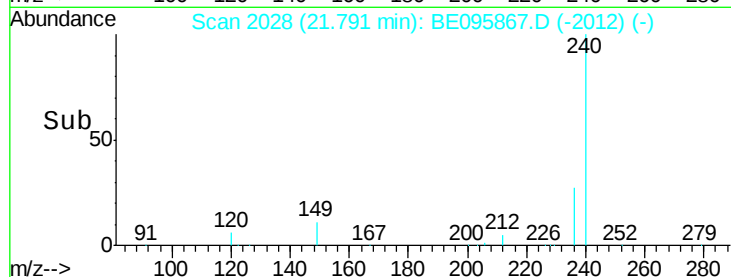
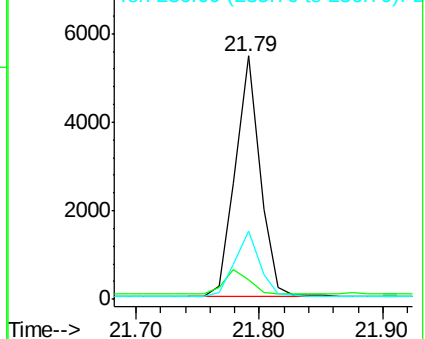
236 28.0 20.7 31.1



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: 0.131 ng

RT: 20.24 min Scan# 1900

Delta R.T. 0.00 min

Lab File: BE095867.D

Acq: 27 Mar 2018 14:07

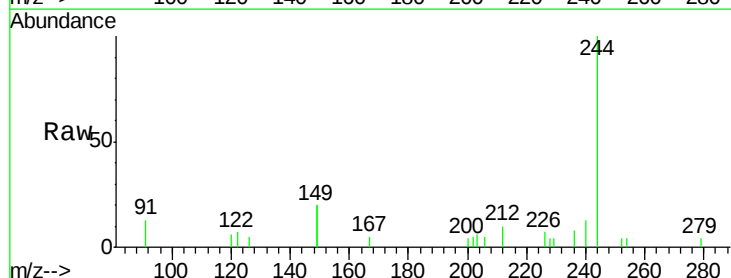
Tgt Ion:244 Resp: 2109

Ion Ratio Lower Upper

244 100

212 9.7 25.4 38.0#

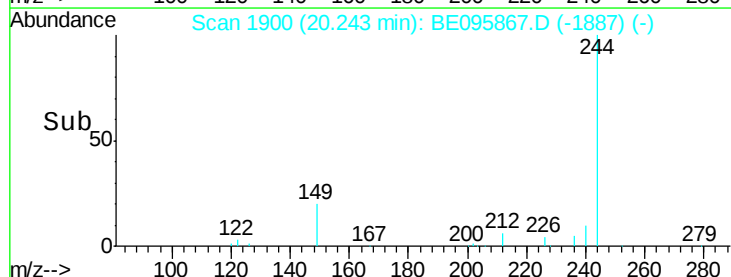
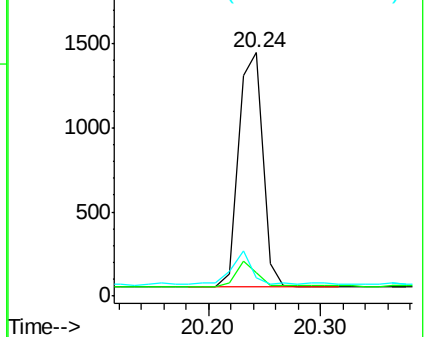
122 7.5 8.1 12.1#

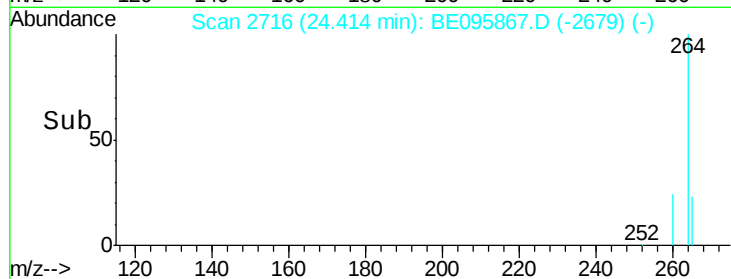
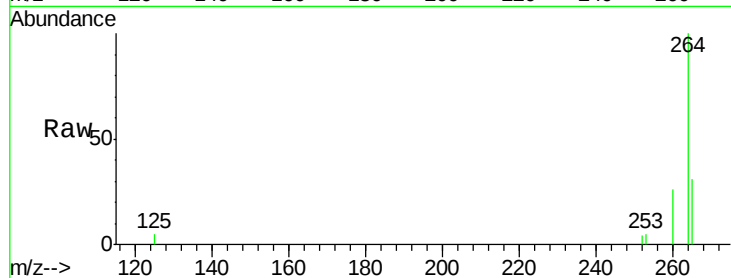
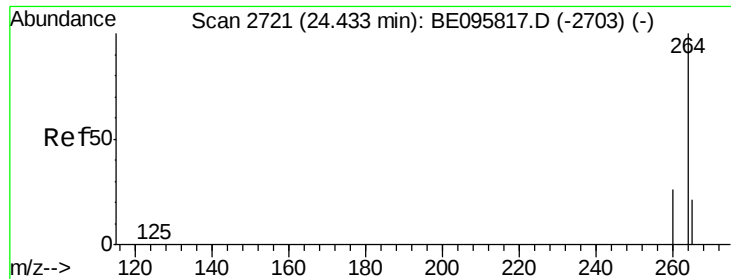


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#34

Pervlene-d12

Concen: 0.400 ng

RT: 24.41 min Scan# 2716

Delta R.T. -0.02 min

Lab File: BE095867.D

Acq: 27 Mar 2018 14:07

Instrument :

BNA_E

ClientSampleId :

Tot Ion: 264 Resp: 7298

Ion Ratio Lower Upper

264 100

260 25.7 20.5 30.7

265 31.2 22.8 34.2

