

Data Path : Z:\HPCHEM1\BNA E\DATA\BE040218\
 Data File : BE095937.D
 Acq On : 2 Apr 2018 20:53
 Operator : SJ/JU
 Sample : PB107891BL
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Apr 03 03:53:09 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

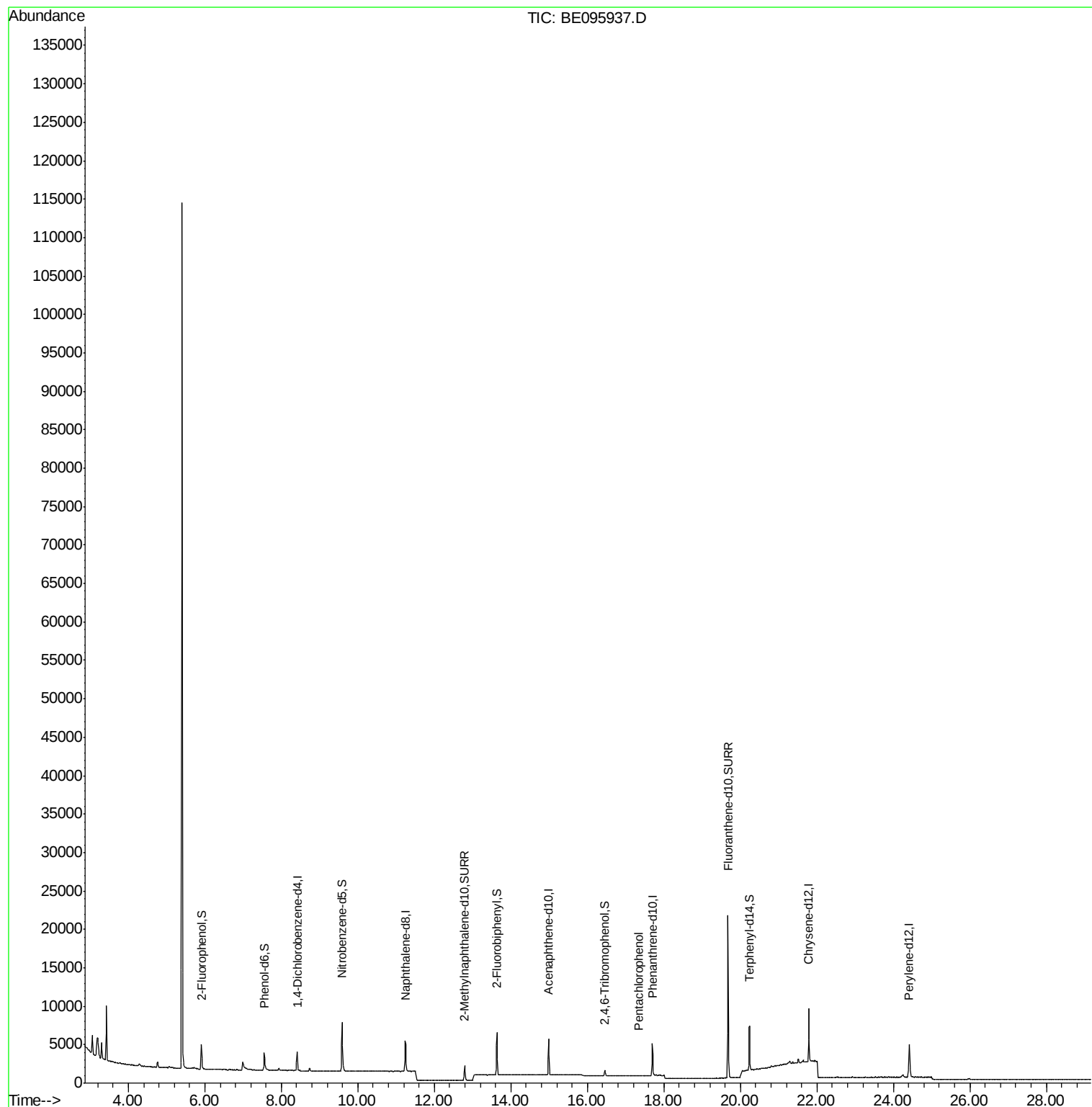
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.42	152	1260	0.40	ng	0.00
7) Naphthalene-d8	11.26	136	4646	0.40	ng	0.00
13) Acenaphthene-d10	14.99	164	2553	0.40	ng	-0.01
19) Phenanthrene-d10	17.70	188	5719	0.40	ng	-0.01
27) Chrysene-d12	21.79	240	6616	0.40	ng	-0.01
34) Perylene-d12	24.42	264	6647	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.91	112	1611	0.39	ng	0.00
5) Phenol-d6	7.56	99	2141	0.37	ng	0.00
8) Nitrobenzene-d5	9.59	82	2419	0.44	ng	0.00
11) 2-Methylnaphthalene-d10	12.79	152	2646	0.34	ng	0.00
14) 2,4,6-Tribromophenol	16.46	330	461	0.31	ng	-0.01
15) 2-Fluorobiphenyl	13.63	172	5073	0.47	ng	-0.01
25) Fluoranthene-d10	19.68	212	28739	0.34	ng	-0.01
29) Terphenyl-d14	20.24	244	6599	0.47	ng	0.00
Target Compounds						
22) Pentachlorophenol	17.35	266	6	0.136	ng	Qvalue 95

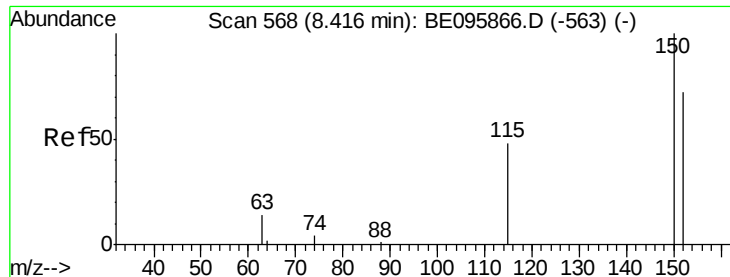
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Mar 23 12:41:11 2018
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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: BE095937.D

Acq: 2 Apr 2018 20:53

Instrument :

BNA_E

ClientSampled :

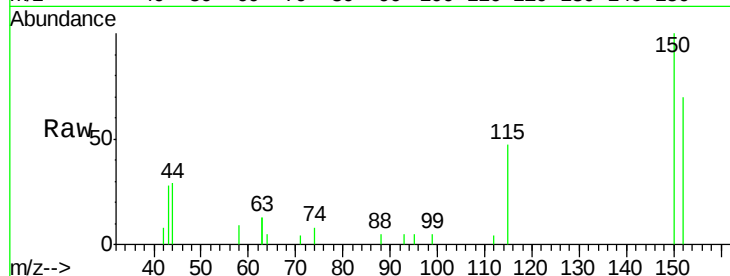
Tot Ion:152 Resp: 1260

Ion Ratio Lower Upper

152 100

150 143.6 117.2 175.8

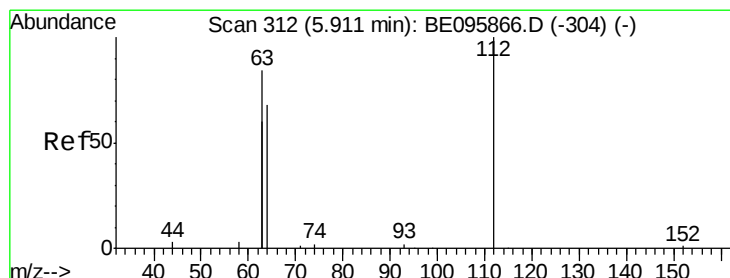
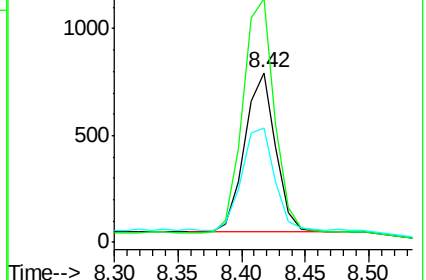
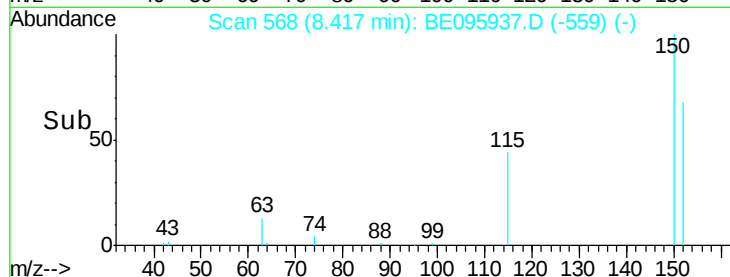
115 67.8 57.0 85.6



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: 0.388 ng

RT: 5.91 min Scan# 312

Delta R.T. -0.01 min

Lab File: BE095937.D

Acq: 2 Apr 2018 20:53

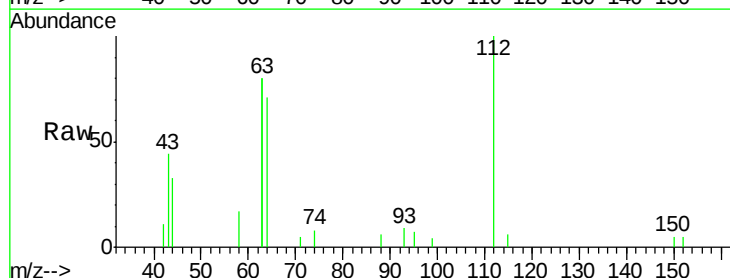
Tgt Ion:112 Resp: 1611

Ion Ratio Lower Upper

112 100

64 75.8 60.1 90.1

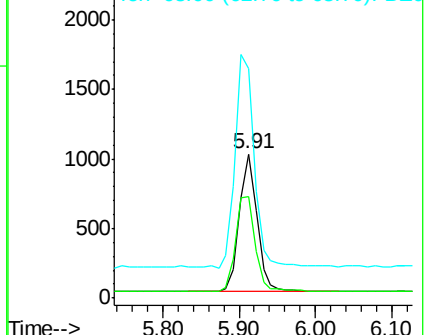
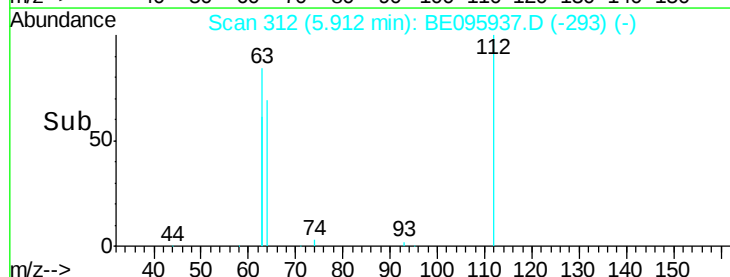
63 162.6 116.8 175.2

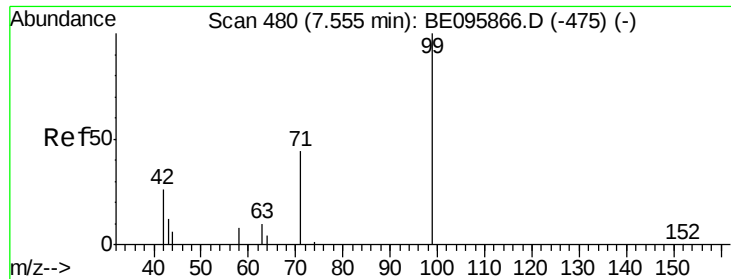


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.375 ng

RT: 7.56 min Scan# 480

Delta R.T. -0.01 min

Lab File: BE095937.D

Acq: 2 Apr 2018 20:53

Instrument :

BNA_E

ClientSampleId :

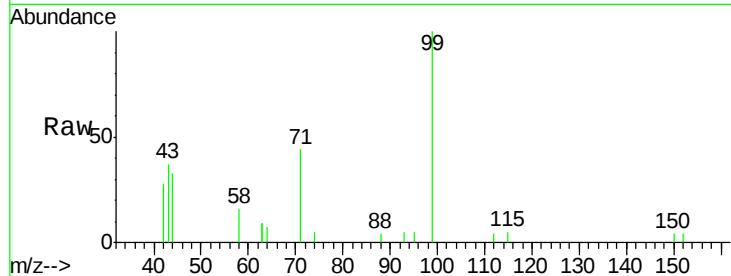
Tot Ion: 99 Resp: 2141

Ion Ratio Lower Upper

99 100

42 26.5 20.2 30.2

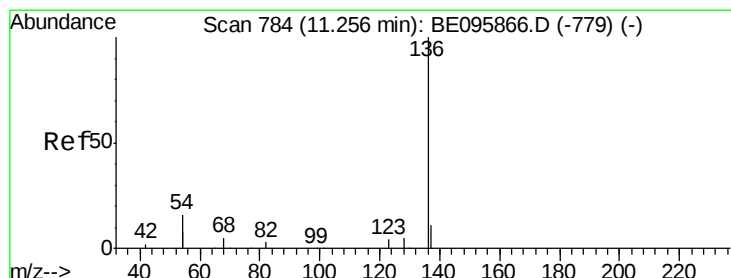
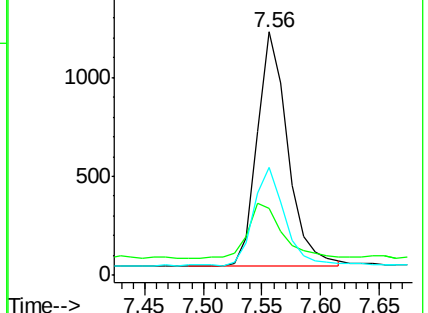
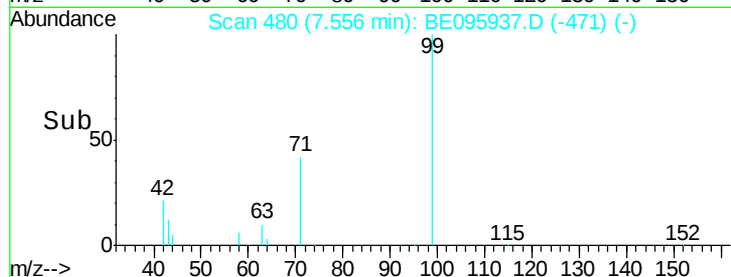
71 42.7 28.4 42.6#



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: BE095937.D

Acq: 2 Apr 2018 20:53

Tgt Ion: 136 Resp: 4646

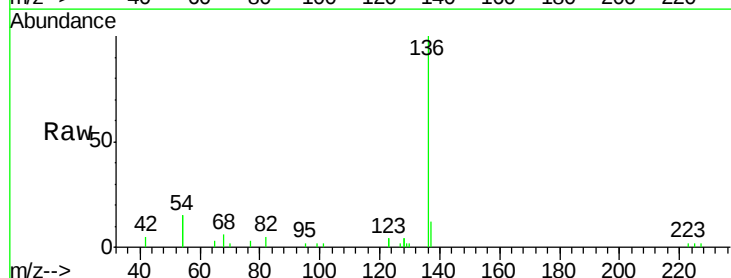
Ion Ratio Lower Upper

136 100

137 12.3 9.5 14.3

54 30.3 29.1 43.7

68 5.9 6.2 9.2#

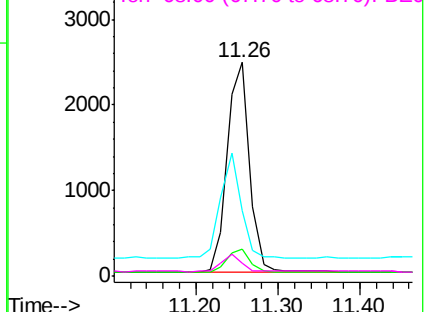
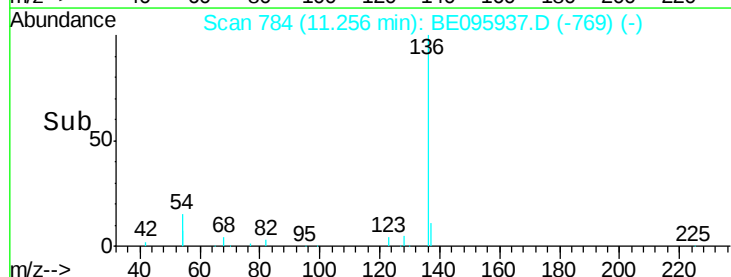


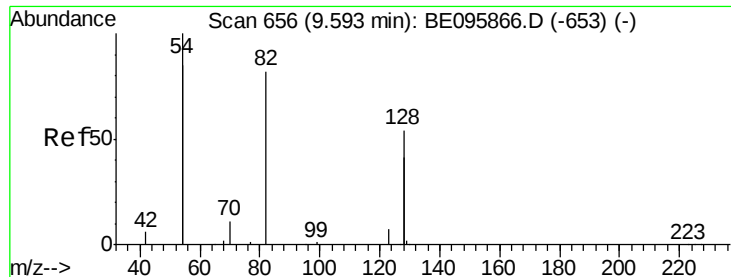
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.441 ng

RT: 9.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: BE095937.D

Acq: 2 Apr 2018 20:53

Instrument :

BNA_E

ClientSampleId :

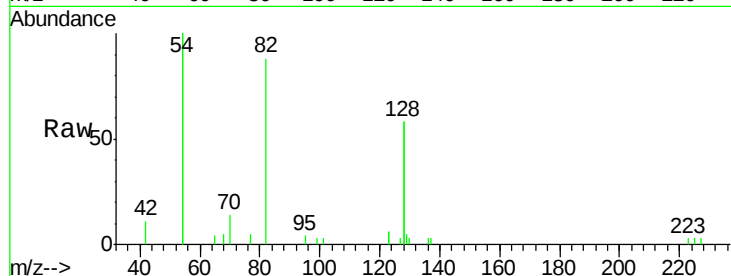
Tot Ion: 82 Resp: 2419

Ion Ratio Lower Upper

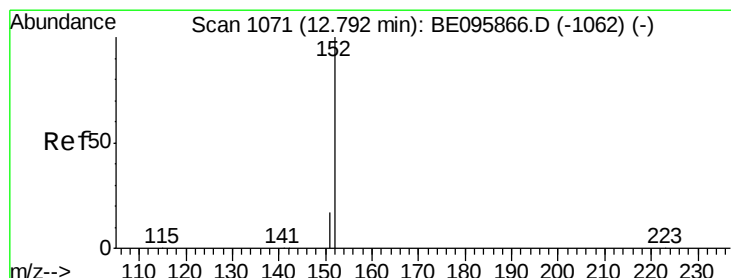
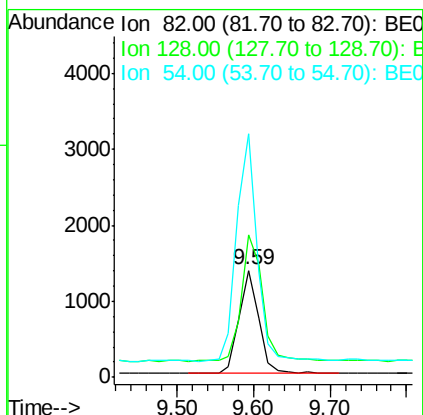
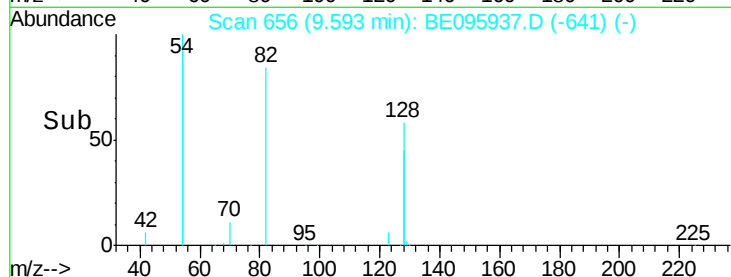
82 100

128 133.2 150.0 225.0#

54 228.2 154.2 231.4



Abundance Ion 82.00 (81.70 to 82.70): BE0
Ion 128.00 (127.70 to 128.70): BE0
Ion 54.00 (53.70 to 54.70): BE0



#11

2-Methylnaphthalene-d10

Concen: 0.341 ng

RT: 12.79 min Scan# 1071

Delta R.T. -0.01 min

Lab File: BE095937.D

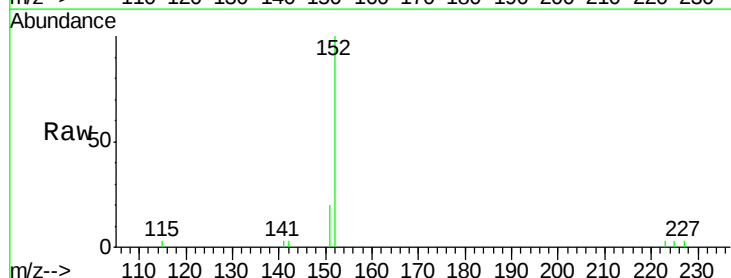
Acq: 2 Apr 2018 20:53

Tgt Ion: 152 Resp: 2646

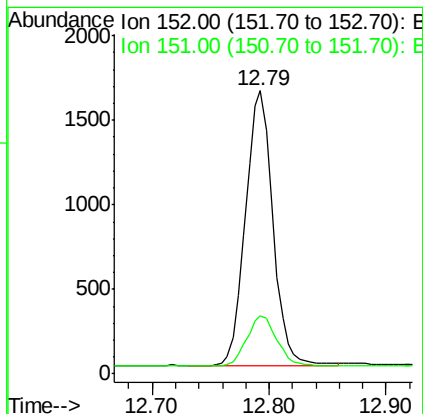
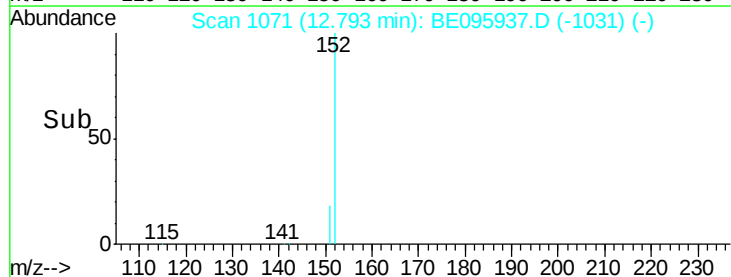
Ion Ratio Lower Upper

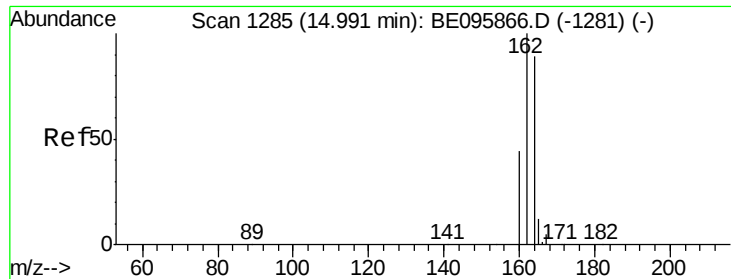
152 100

151 20.0 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.99 min Scan# 1285

Delta R.T. -0.01 min

Lab File: BE095937.D

Acq: 2 Apr 2018 20:53

Instrument :

BNA_E

ClientSampleId :

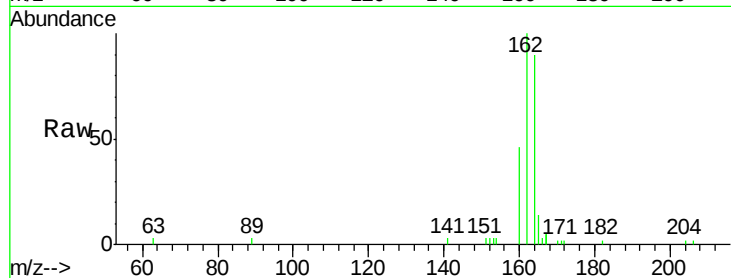
Tot Ion:164 Resp: 2553

Ion Ratio Lower Upper

164 100

162 111.7 83.1 124.7

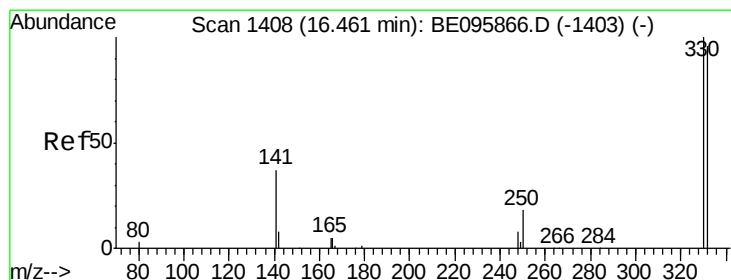
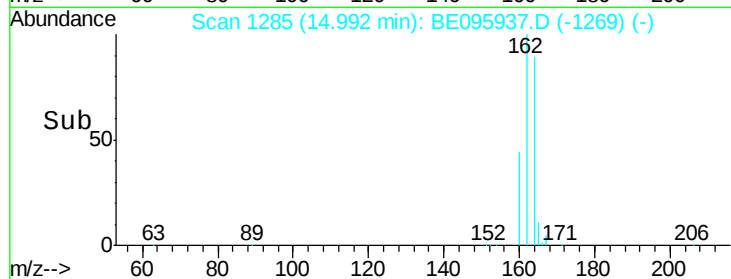
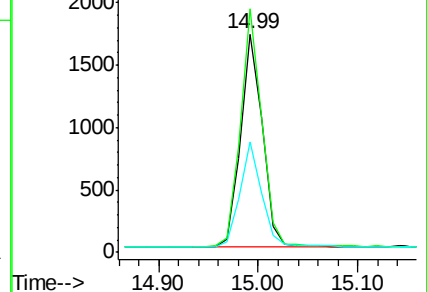
160 50.9 37.1 55.7



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: 0.313 ng

RT: 16.46 min Scan# 1408

Delta R.T. -0.01 min

Lab File: BE095937.D

Acq: 2 Apr 2018 20:53

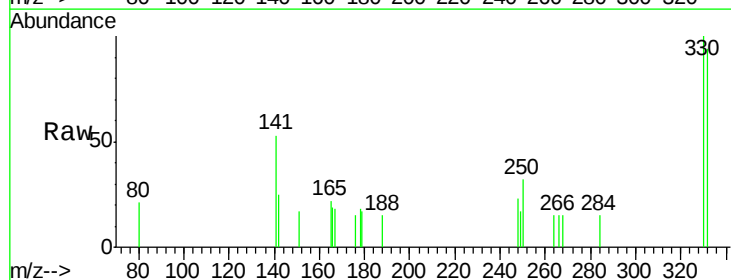
Tgt Ion:330 Resp: 461

Ion Ratio Lower Upper

330 100

332 93.5 152.7 229.1#

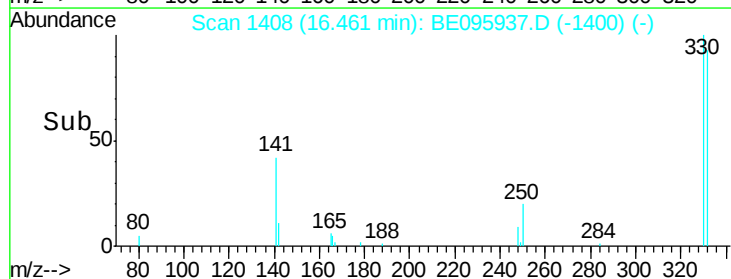
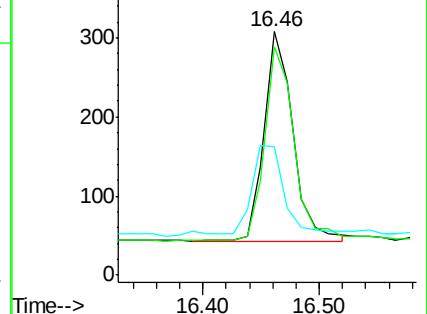
141 46.6 33.7 50.5

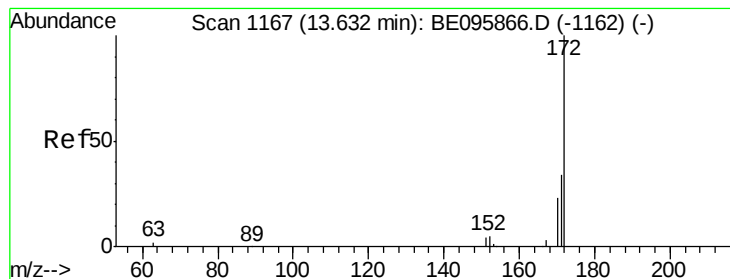


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.471 ng

RT: 13.63 min Scan# 1167

Delta R.T. -0.01 min

Lab File: BE095937.D

Acq: 2 Apr 2018 20:53

Instrument :

BNA_E

ClientSampleId :

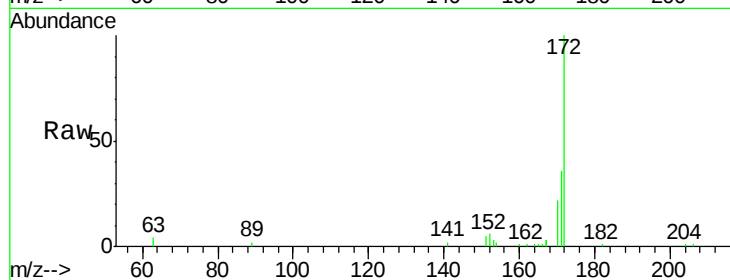
Tot Ion:172 Resp: 5073

Ion Ratio Lower Upper

172 100

171 35.8 29.9 44.9

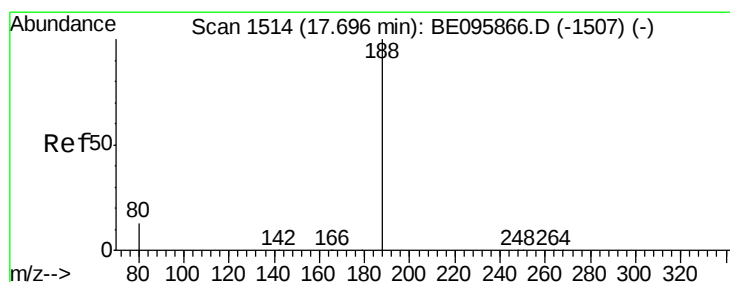
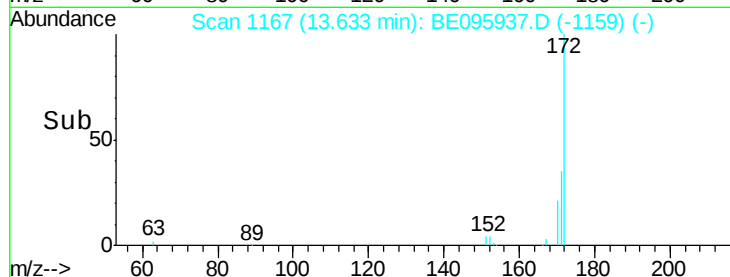
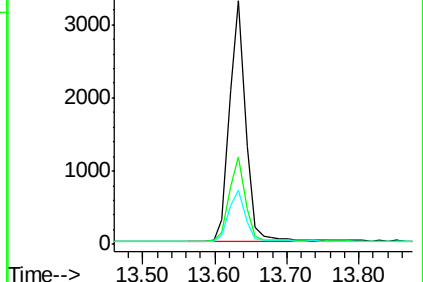
170 22.4 21.8 32.8



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: BE095937.D

Acq: 2 Apr 2018 20:53

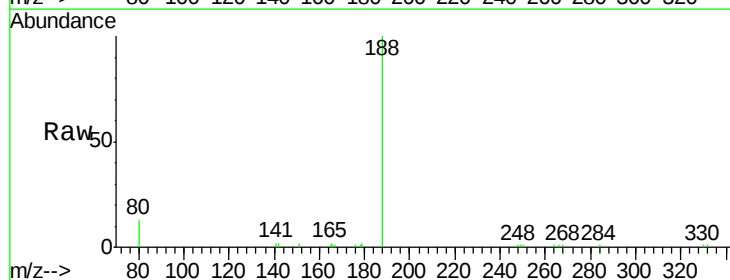
Tgt Ion:188 Resp: 5719

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

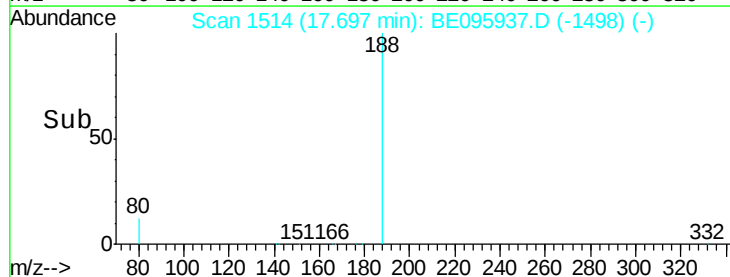
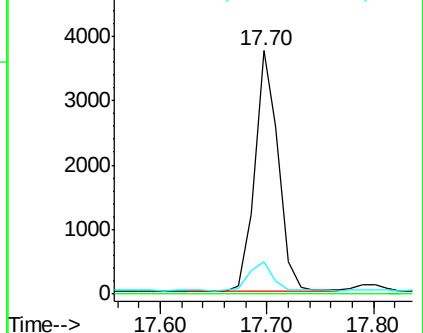
80 13.3 3.6 5.4#

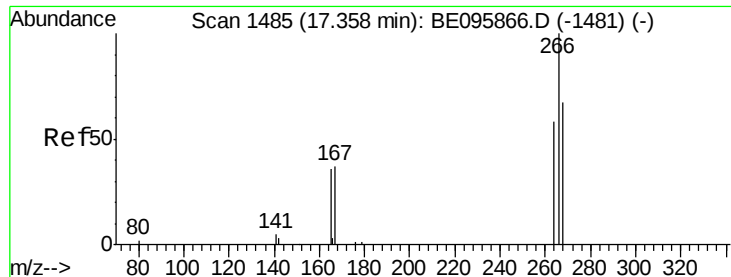


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0

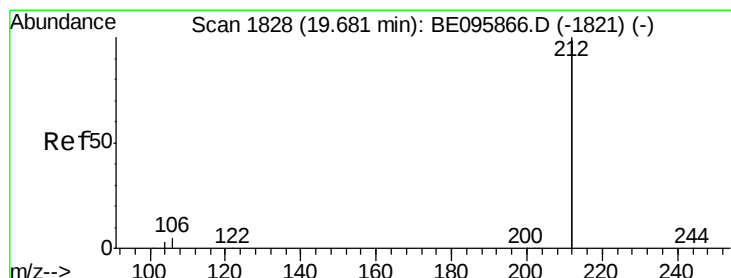
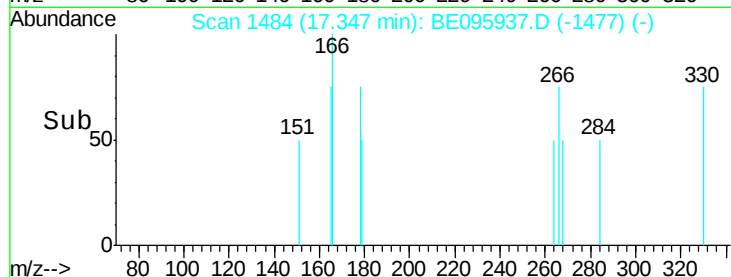
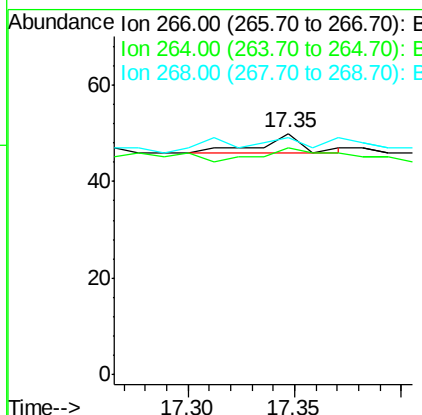
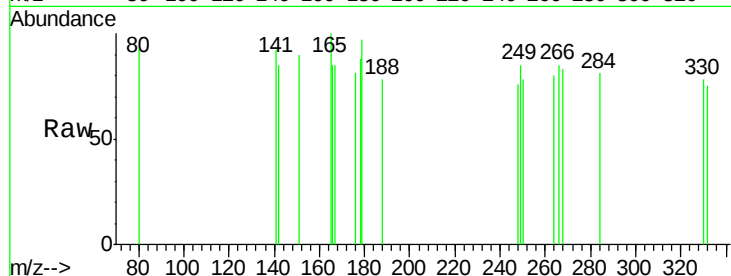




#22
 Pentachlorophenol
 Concen: 0.136 ng
 RT: 17.35 min Scan# 1484
 Delta R.T. -0.02 min
 Lab File: BE095937.D
 Acq: 2 Apr 2018 20:53

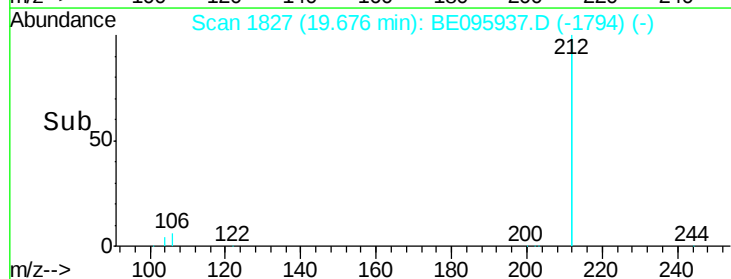
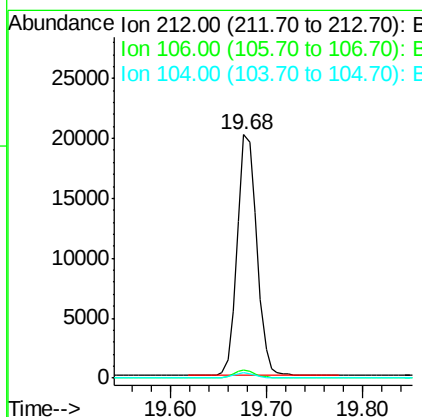
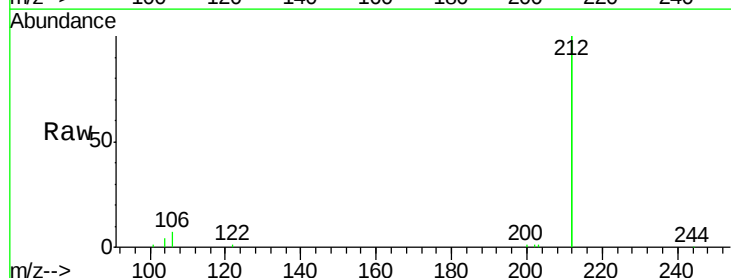
Instrument :
 BNA_E
 ClientSampleId :

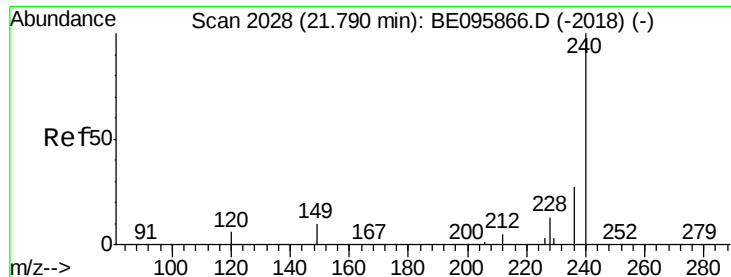
Tot Ion:266 Resp: 6
 Ion Ratio Lower Upper
 266 100
 264 94.0 72.5 108.7
 268 98.0 73.8 110.6



#25
 Fluoranthene-d10
 Concen: 0.338 ng
 RT: 19.68 min Scan# 1827
 Delta R.T. -0.01 min
 Lab File: BE095937.D
 Acq: 2 Apr 2018 20:53

Tgt Ion:212 Resp: 28739
 Ion Ratio Lower Upper
 212 100
 106 2.9 2.8 4.2
 104 1.7 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: BE095937.D

Acq: 2 Apr 2018 20:53

Instrument :

BNA_E

ClientSampled :

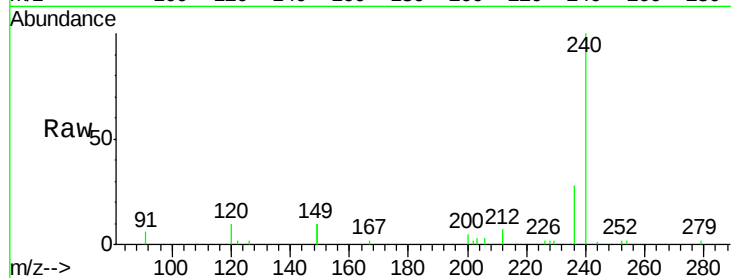
Tot Ion:240 Resp: 6616

Ion Ratio Lower Upper

240 100

120 9.8 5.5 8.3#

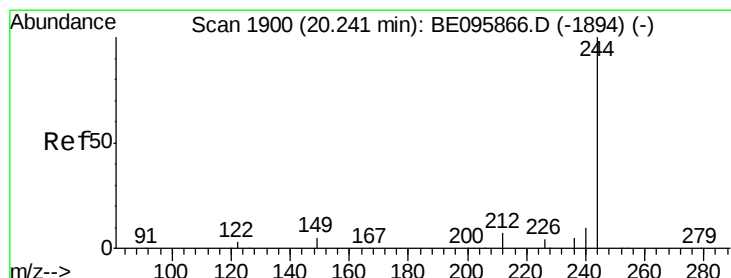
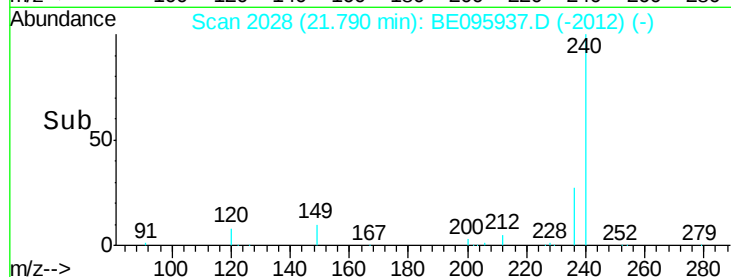
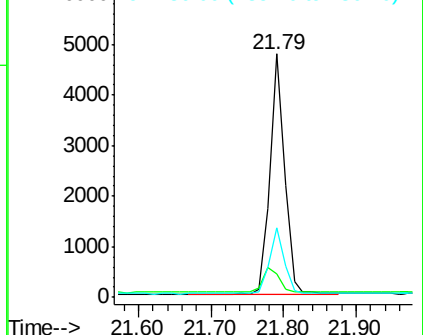
236 28.4 20.7 31.1



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: 0.470 ng

RT: 20.24 min Scan# 1900

Delta R.T. 0.00 min

Lab File: BE095937.D

Acq: 2 Apr 2018 20:53

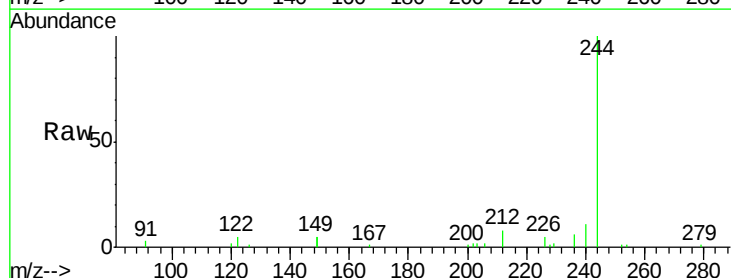
Tgt Ion:244 Resp: 6599

Ion Ratio Lower Upper

244 100

212 7.8 25.4 38.0#

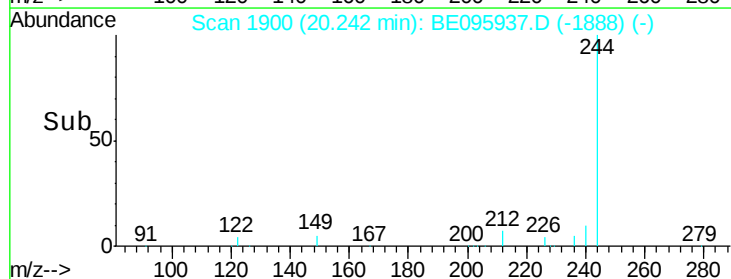
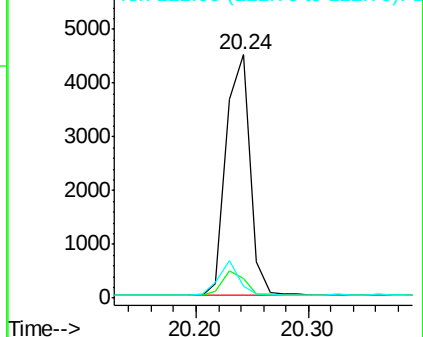
122 5.1 8.1 12.1#

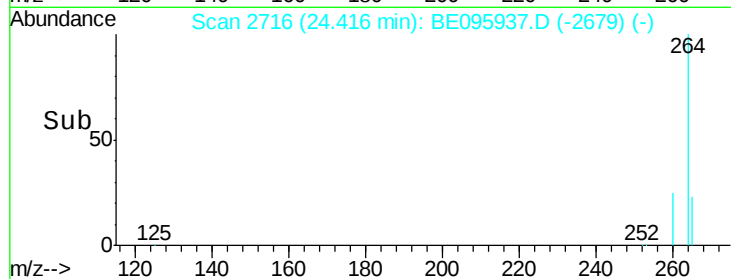
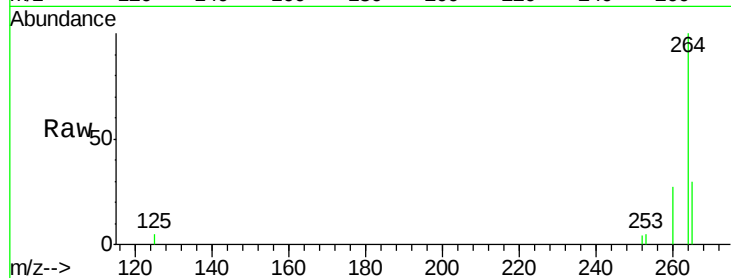
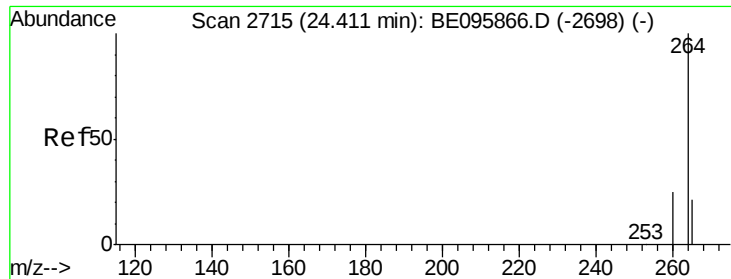


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.42 min Scan# 2716

Delta R.T. -0.02 min

Lab File: BE095937.D

Acq: 2 Apr 2018 20:53

Instrument :

BNA_E

ClientSampleId :

Tot Ion:264 Resp: 6647

Ion Ratio Lower Upper

264 100

260 27.3 20.5 30.7

265 30.2 22.8 34.2

