

Data Path : Z:\HPCHEM1\BNA E\DATA\BE041318\
 Data File : BE095993.D
 Acq On : 13 Apr 2018 12:43
 Operator : SJ/JU
 Sample : PB108210BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Apr 13 14:44:22 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE041118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 13 14:42:08 2018
 Response via : Initial Calibration

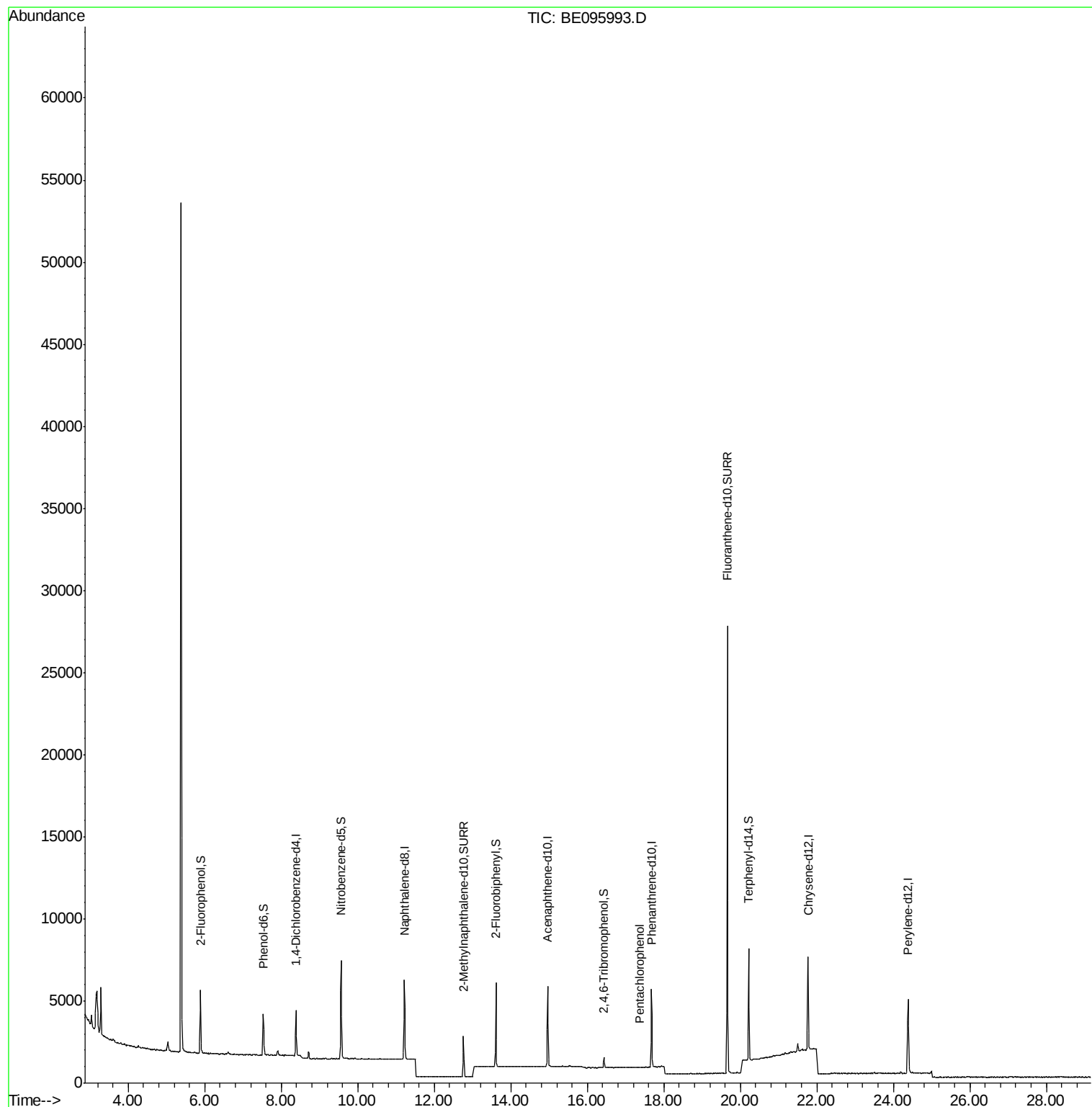
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.39	152	1465	0.40	ng	0.00
7) Naphthalene-d8	11.22	136	5210	0.40	ng	0.00
13) Acenaphthene-d10	14.97	164	2679	0.40	ng	0.00
19) Phenanthrene-d10	17.67	188	6248	0.40	ng	0.00
27) Chrysene-d12	21.78	240	6812	0.40	ng	0.00
34) Perylene-d12	24.39	264	6779	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.88	112	1768	0.39	ng	0.00
5) Phenol-d6	7.53	99	2422	0.39	ng	0.00
8) Nitrobenzene-d5	9.57	82	2290	0.37	ng	0.00
11) 2-Methylnaphthalene-d10	12.76	152	3264	0.40	ng	0.00
14) 2,4,6-Tribromophenol	16.44	330	353	0.27	ng	0.00
15) 2-Fluorobiphenyl	13.61	172	4654	0.41	ng	0.00
25) Fluoranthene-d10	19.66	212	33824	0.40	ng	0.00
29) Terphenyl-d14	20.22	244	6185	0.41	ng	0.00
Target Compounds						
22) Pentachlorophenol	17.36	266	7	0.140	ng	Qvalue 98

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

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 8.39 min Scan# 565

Delta R.T. 0.00 min

Lab File: BE095993.D

Acq: 13 Apr 2018 12:43

Instrument :

BNA_E

ClientSampleId :

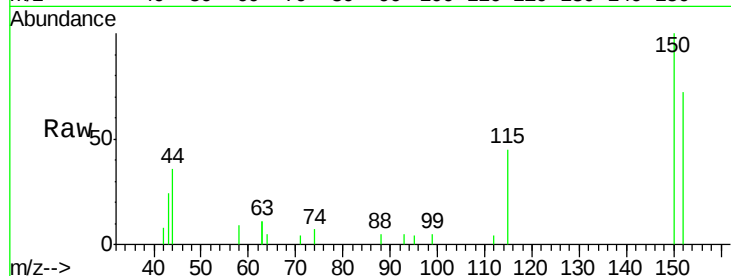
Tot Ion:152 Resp: 1465

Ion Ratio Lower Upper

152 100

150 138.0 117.2 175.8

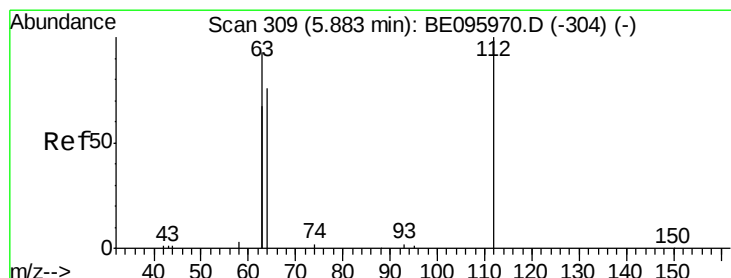
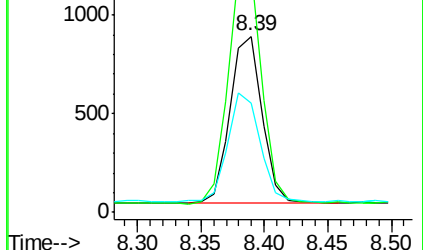
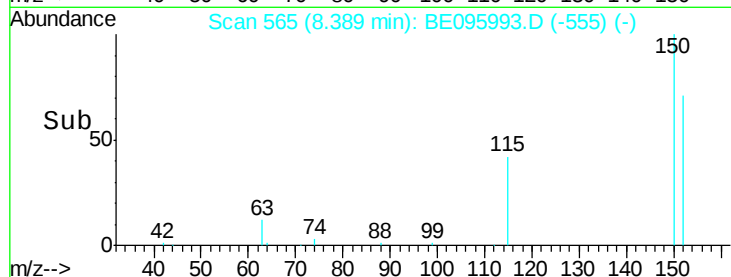
115 62.2 57.0 85.6



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: 0.390 ng

RT: 5.88 min Scan# 309

Delta R.T. 0.00 min

Lab File: BE095993.D

Acq: 13 Apr 2018 12:43

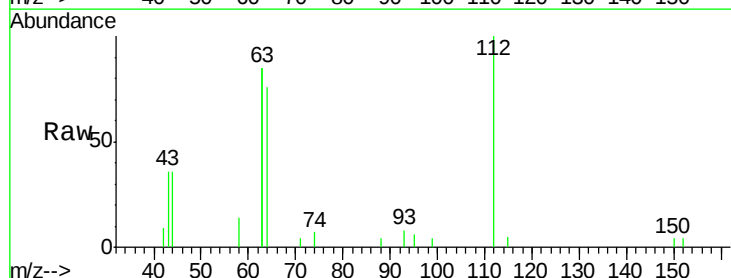
Tgt Ion:112 Resp: 1768

Ion Ratio Lower Upper

112 100

64 75.2 60.1 90.1

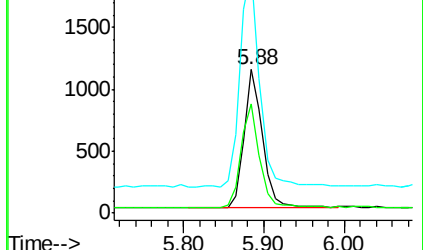
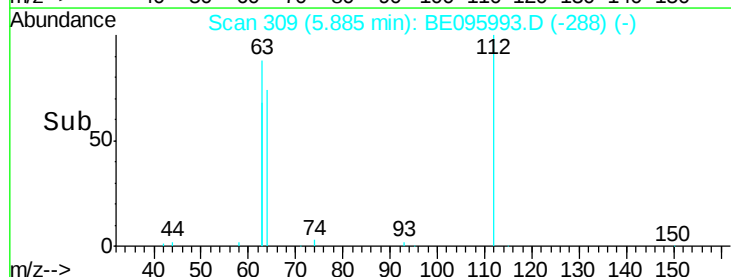
63 167.9 116.8 175.2



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: 0.387 ng

RT: 7.53 min Scan# 477

Delta R.T. 0.00 min

Lab File: BE095993.D

Acq: 13 Apr 2018 12:43

Instrument :

BNA_E

ClientSampleId :

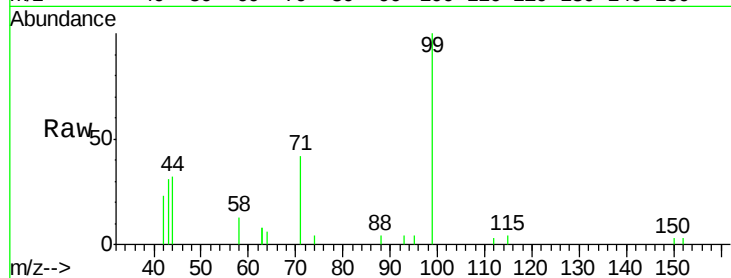
Tot Ion: 99 Resp: 2422

Ion Ratio Lower Upper

99 100

42 24.3 20.2 30.2

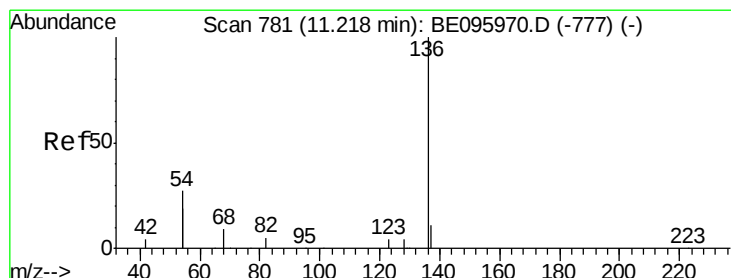
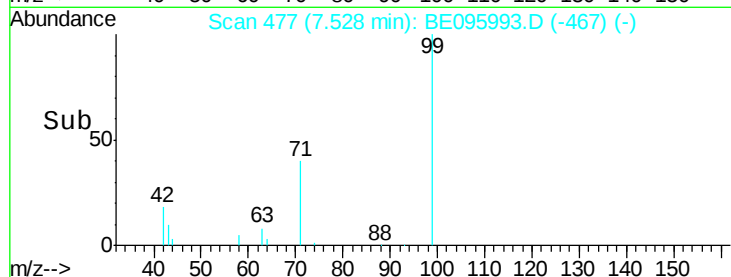
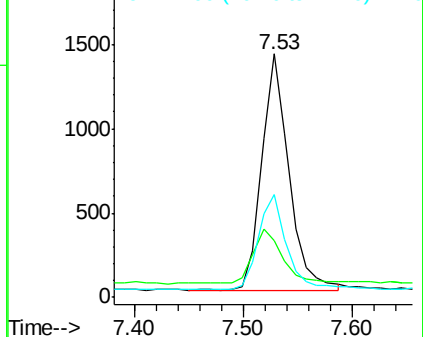
71 41.4 28.4 42.6



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: 11.22 min Scan# 781

Delta R.T. -0.00 min

Lab File: BE095993.D

Acq: 13 Apr 2018 12:43

Tgt Ion: 136 Resp: 5210

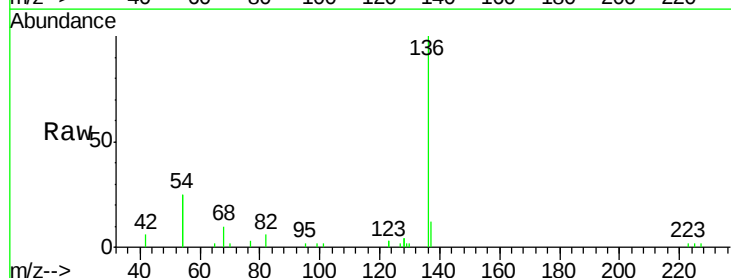
Ion Ratio Lower Upper

136 100

137 12.0 9.5 14.3

54 50.5 29.1 43.7#

68 9.9 6.2 9.2#

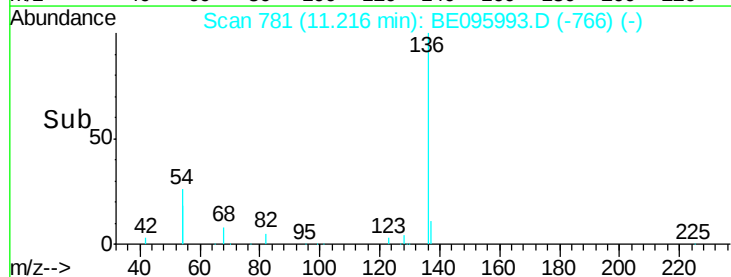
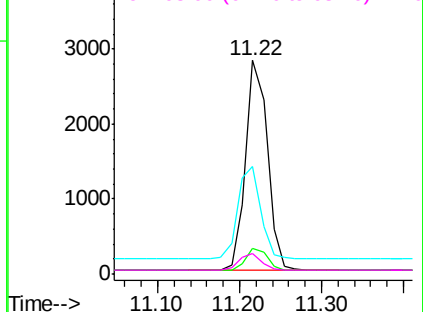


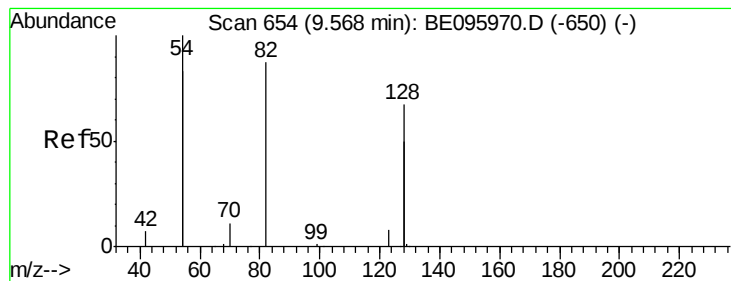
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.375 ng

RT: 9.57 min Scan# 654

Delta R.T. -0.00 min

Lab File: BE095993.D

Acq: 13 Apr 2018 12:43

Instrument :

BNA_E

ClientSampleId :

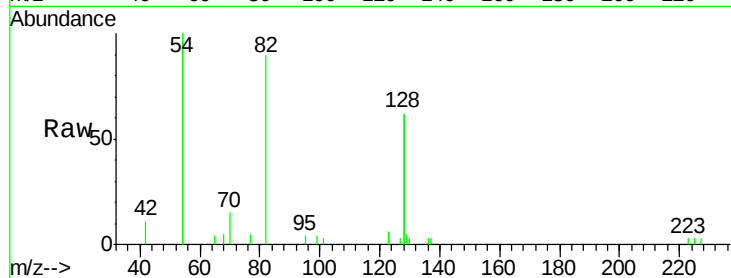
Tot Ion: 82 Resp: 2290

Ion Ratio Lower Upper

82 100

128 139.4 150.0 225.0#

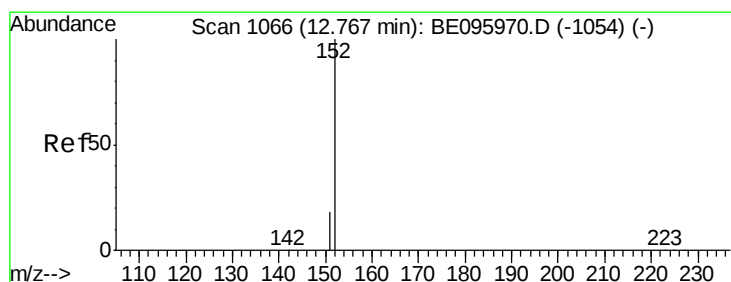
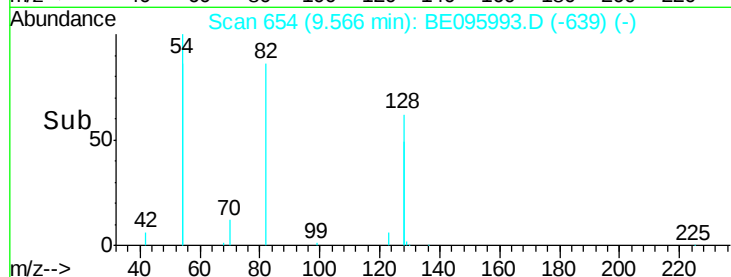
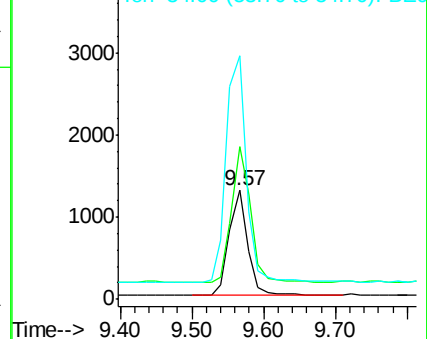
54 223.0 154.2 231.4



Abundance Ion 82.00 (81.70 to 82.70): BE095970.D (-650) (-)

Ion 128.00 (127.70 to 128.70): BE095970.D (-650) (-)

Ion 54.00 (53.70 to 54.70): BE095970.D (-650) (-)



#11

2-Methylnaphthalene-d10

Concen: 0.395 ng

RT: 12.76 min Scan# 1065

Delta R.T. 0.00 min

Lab File: BE095993.D

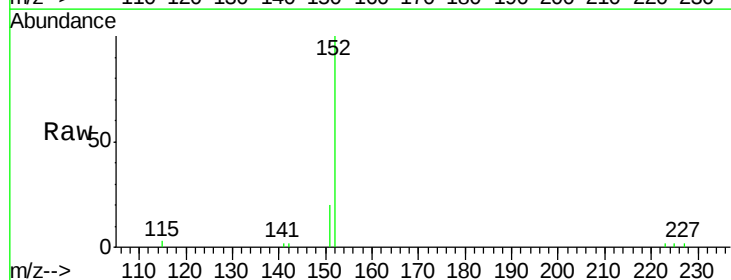
Acq: 13 Apr 2018 12:43

Tgt Ion: 152 Resp: 3264

Ion Ratio Lower Upper

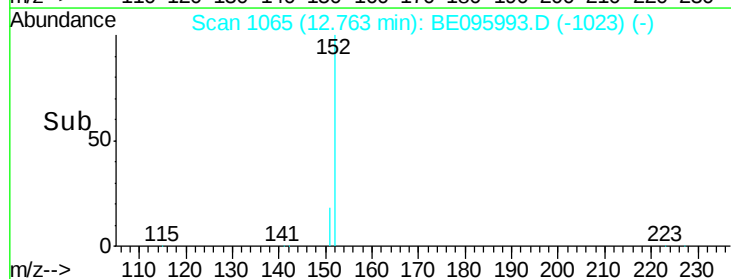
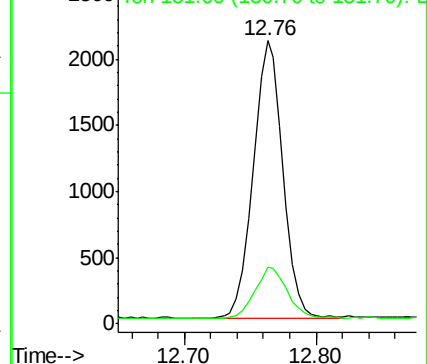
152 100

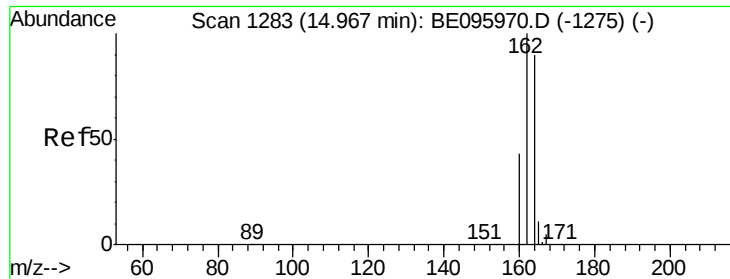
151 19.6 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): BE095970.D (-1054) (-)

Ion 151.00 (150.70 to 151.70): BE095970.D (-1054) (-)





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.97 min Scan# 1283

Delta R.T. 0.00 min

Lab File: BE095993.D

Acq: 13 Apr 2018 12:43

Instrument :

BNA_E

ClientSampleId :

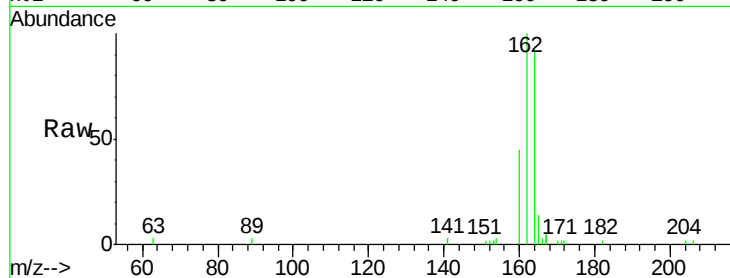
Tot Ion:164 Resp: 2679

Ion Ratio Lower Upper

164 100

162 108.6 83.1 124.7

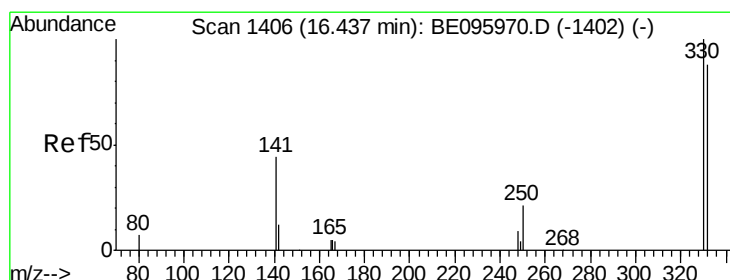
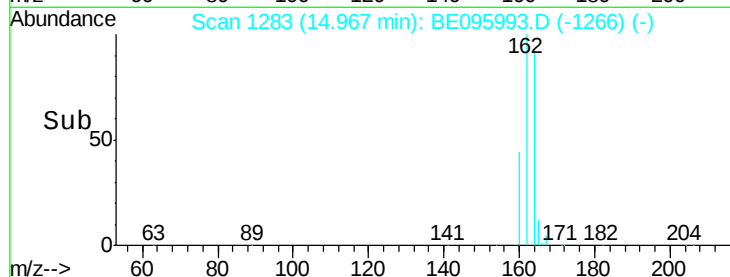
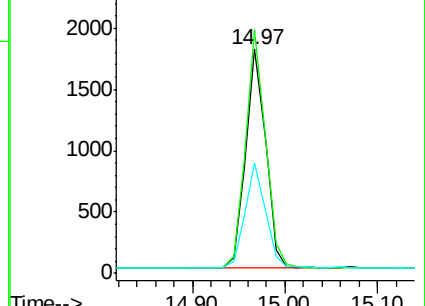
160 49.3 37.1 55.7



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: 0.273 ng

RT: 16.44 min Scan# 1406

Delta R.T. 0.00 min

Lab File: BE095993.D

Acq: 13 Apr 2018 12:43

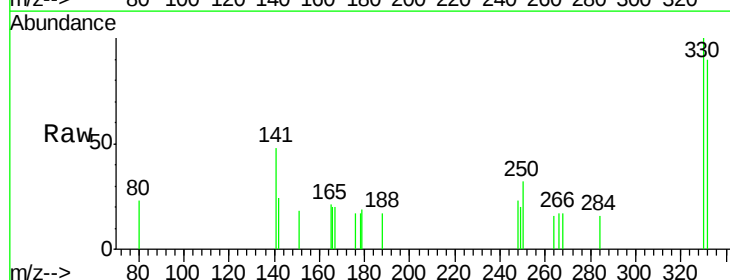
Tgt Ion:330 Resp: 353

Ion Ratio Lower Upper

330 100

332 97.2 152.7 229.1#

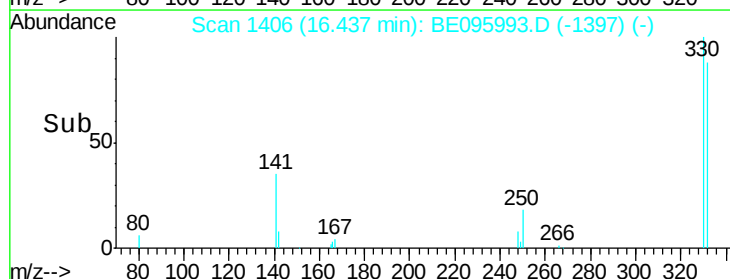
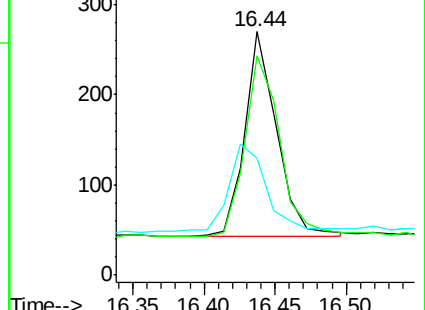
141 51.0 33.7 50.5#

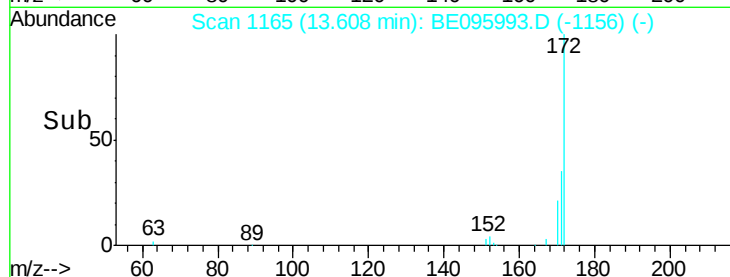
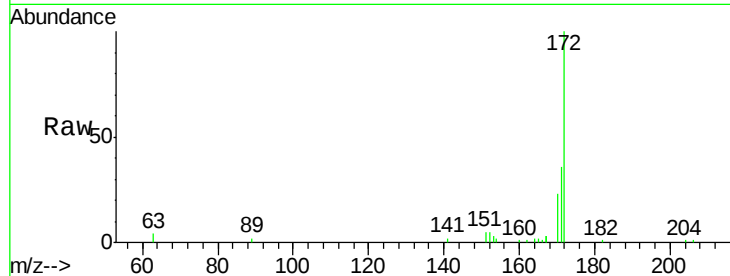
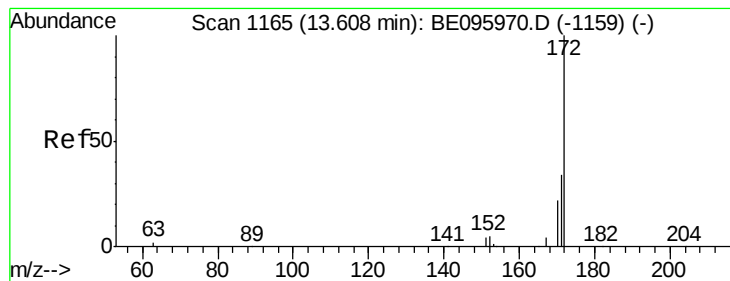


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.406 ng

RT: 13.61 min Scan# 1165

Delta R.T. 0.00 min

Lab File: BE095993.D

Acq: 13 Apr 2018 12:43

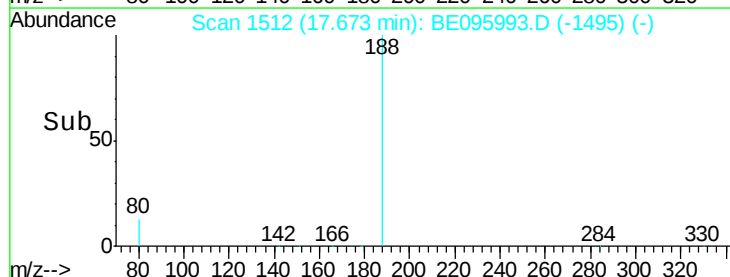
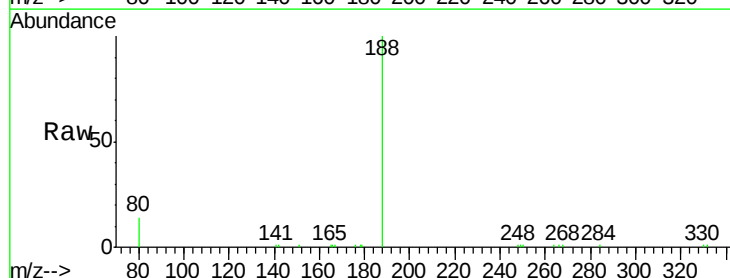
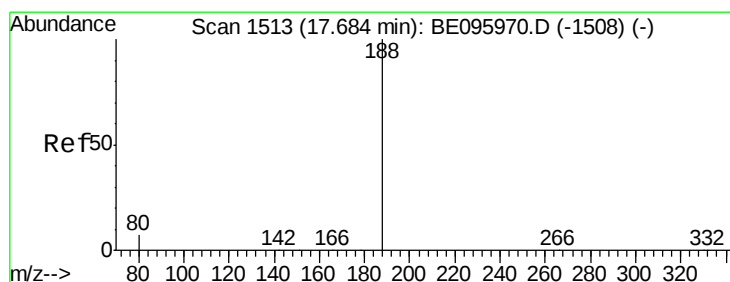
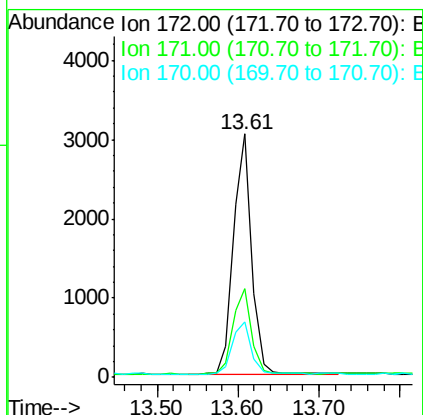
Instrument :

BNA_E

ClientSampleId :

Tot Ion:172 Resp: 4654

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.9	44.9
170	22.5	21.8	32.8



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.67 min Scan# 1512

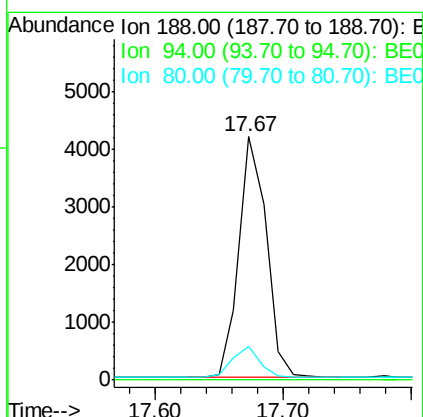
Delta R.T. 0.00 min

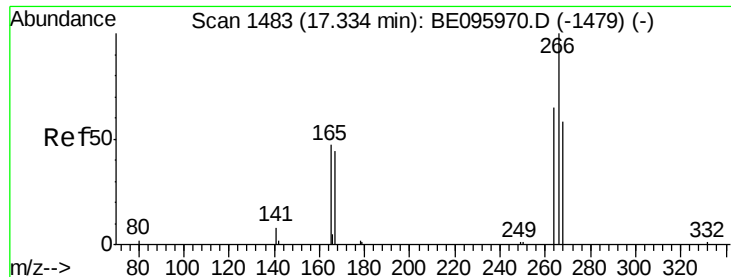
Lab File: BE095993.D

Acq: 13 Apr 2018 12:43

Tgt Ion:188 Resp: 6248

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	14.0	3.6	5.4#





#22

Pentachlorophenol

Concen: 0.140 ng

RT: 17.36 min Scan# 1485

Delta R.T. 0.02 min

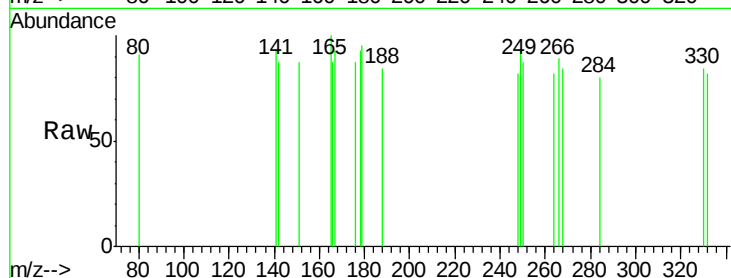
Lab File: BE095993.D

Acq: 13 Apr 2018 12:43

Instrument :

BNA_E

ClientSampleId :



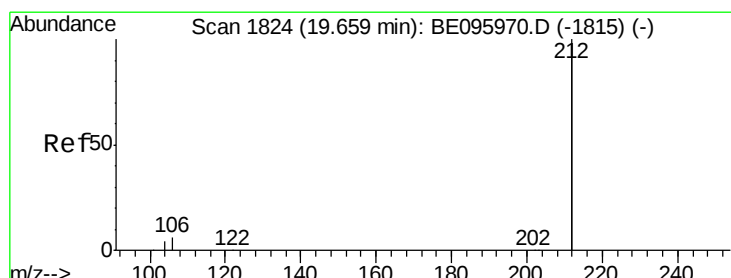
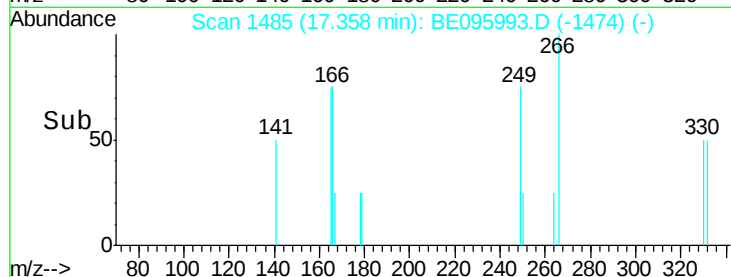
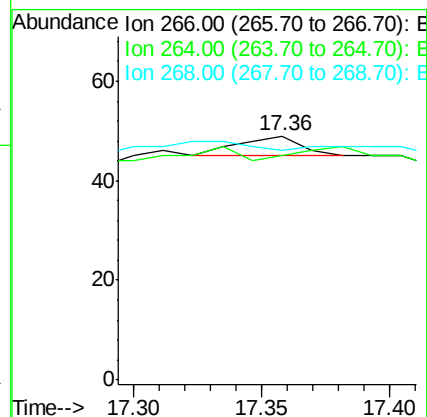
Tot Ion:266 Resp: 7

Ion Ratio Lower Upper

266 100

264 91.8 72.5 108.7

268 93.9 73.8 110.6



#25

Fluoranthene-d10

Concen: 0.399 ng

RT: 19.66 min Scan# 1824

Delta R.T. -0.00 min

Lab File: BE095993.D

Acq: 13 Apr 2018 12:43

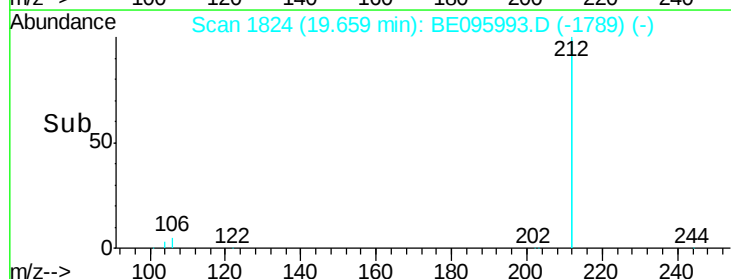
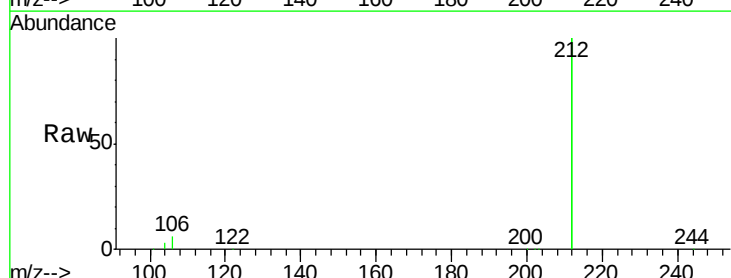
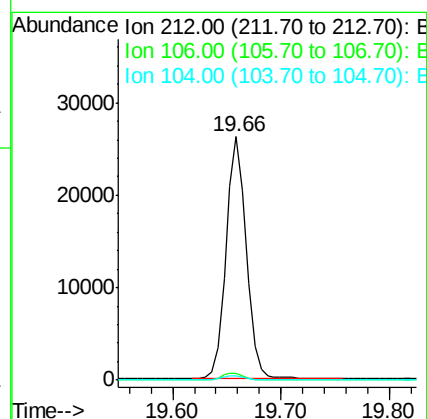
Tgt Ion:212 Resp: 33824

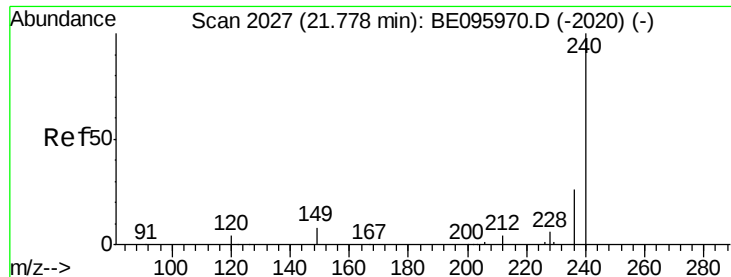
Ion Ratio Lower Upper

212 100

106 3.0 2.8 4.2

104 1.8 1.6 2.4





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.78 min Scan# 2027

Delta R.T. 0.00 min

Lab File: BE095993.D

Acq: 13 Apr 2018 12:43

Instrument :

BNA_E

ClientSampled :

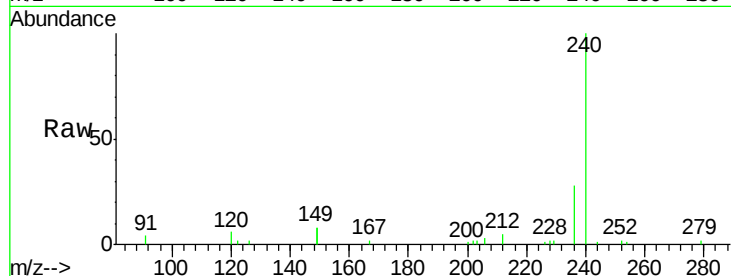
Tot Ion:240 Resp: 6812

Ion Ratio Lower Upper

240 100

120 6.1 5.5 8.3

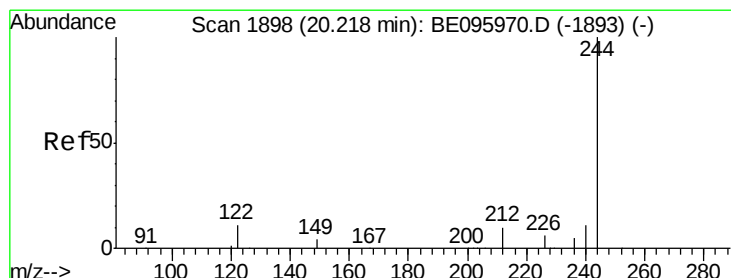
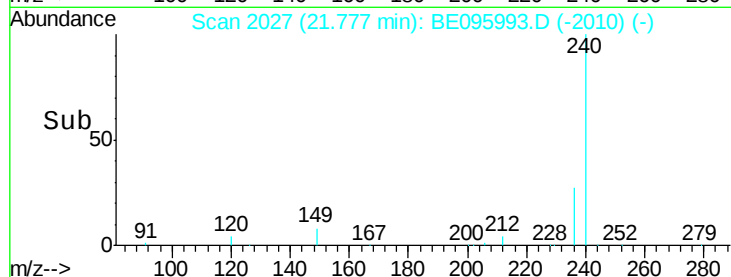
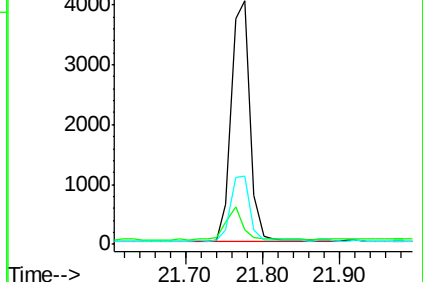
236 27.8 20.7 31.1



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: 0.411 ng

RT: 20.22 min Scan# 1898

Delta R.T. 0.00 min

Lab File: BE095993.D

Acq: 13 Apr 2018 12:43

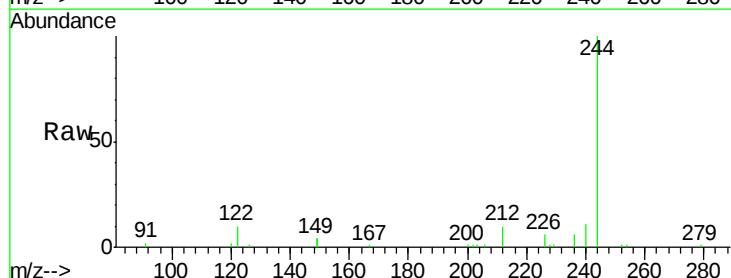
Tgt Ion:244 Resp: 6185

Ion Ratio Lower Upper

244 100

212 10.1 25.4 38.0#

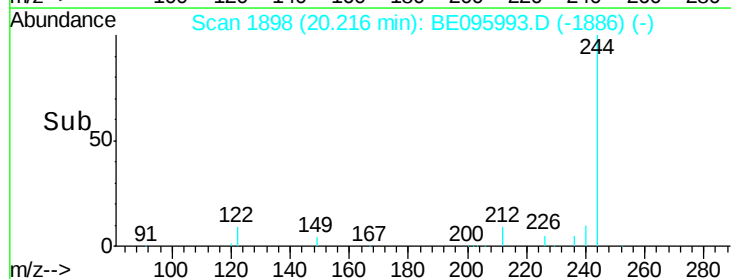
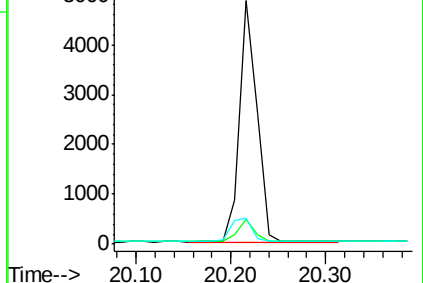
122 10.5 8.1 12.1

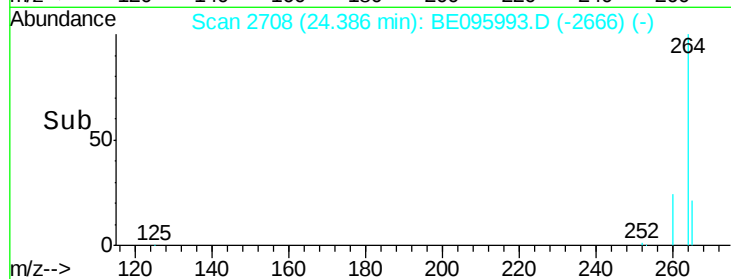
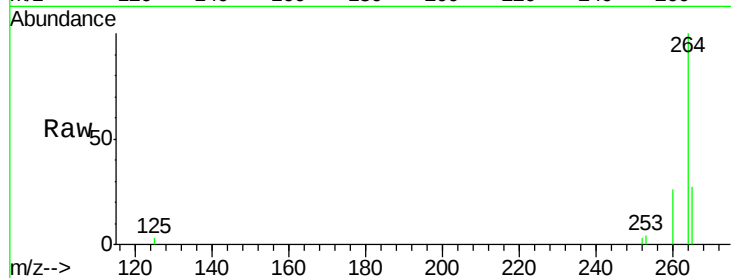
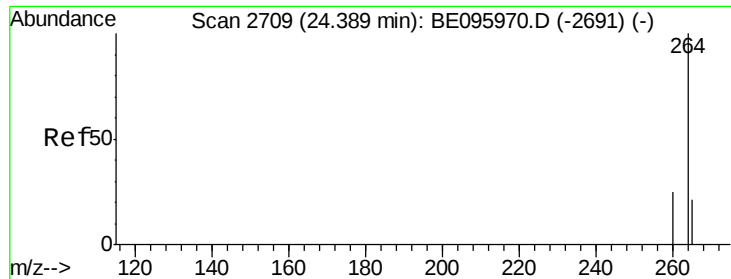


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.39 min Scan# 2708
 Delta R.T. 0.00 min
 Lab File: BE095993.D
 Acq: 13 Apr 2018 12:43

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion: 264 Resp: 6779
 Ion Ratio Lower Upper
 264 100
 260 25.6 20.5 30.7
 265 27.3 22.8 34.2

