

Data Path : Z:\HPCHEM1\BNA E\DATA\BE020718\
 Data File : BE095552.D
 Acq On : 7 Feb 2018 14:41
 Operator : SJ/JU
 Sample : PB106170BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Feb 08 01:15:09 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE020618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 06 20:27:34 2018
 Response via : Initial Calibration

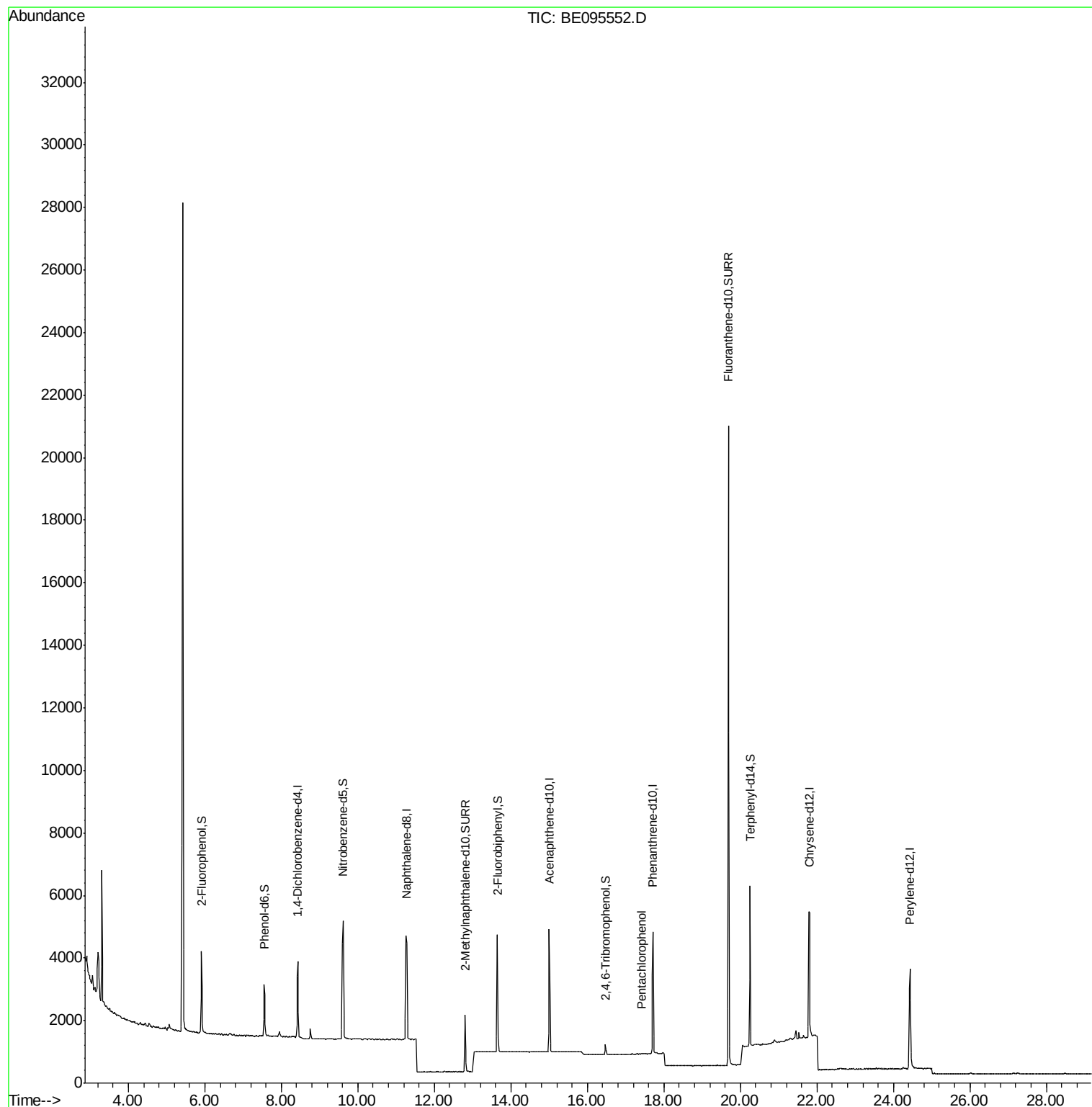
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.43	152	1248	0.40	ng	0.00
7) Naphthalene-d8	11.28	136	4537	0.40	ng	0.00
13) Acenaphthene-d10	15.00	164	2375	0.40	ng	0.00
19) Phenanthrene-d10	17.71	188	5738	0.40	ng	0.00
27) Chrysene-d12	21.81	240	5807	0.40	ng	0.02
34) Perylene-d12	24.43	264	5360	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.92	112	1267	0.34	ng	0.00
5) Phenol-d6	7.56	99	1656	0.32	ng	0.00
8) Nitrobenzene-d5	9.61	82	1721	0.36	ng	0.00
11) 2-Methylnaphthalene-d10	12.80	152	2620	0.35	ng	0.00
14) 2,4,6-Tribromophenol	16.47	330	215	0.20	ng	0.00
15) 2-Fluorobiphenyl	13.65	172	4281	0.42	ng	0.00
25) Fluoranthene-d10	19.69	212	27402	0.36	ng	0.00
29) Terphenyl-d14	20.25	244	5130	0.41	ng	0.00
Target Compounds						
22) Pentachlorophenol	17.42	266	4	0.165	ng	Qvalue 94

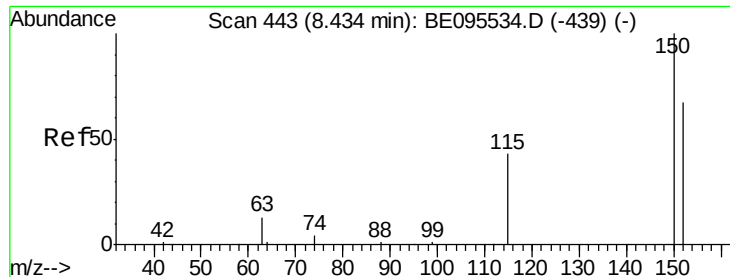
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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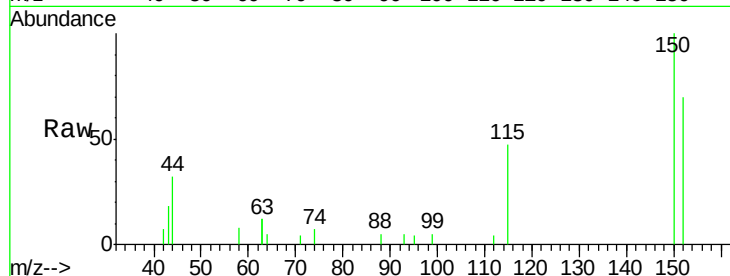


#1

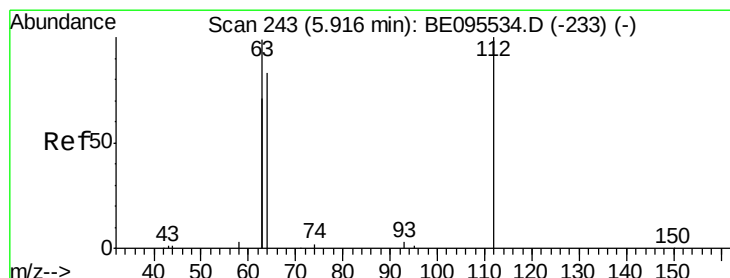
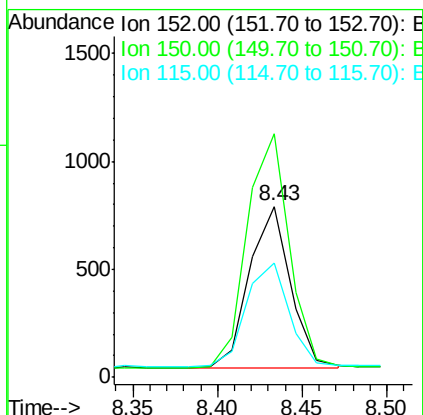
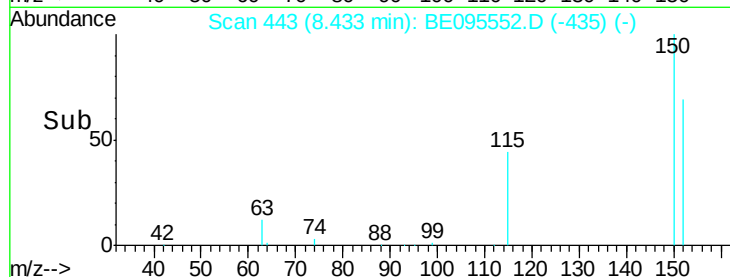
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.43 min Scan# 443
Delta R.T. -0.00 min
Lab File: BE095552.D
Acq: 7 Feb 2018 14:41

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 1248
Ion Ratio Lower Upper
152 100
150 142.6 117.2 175.8
115 66.9 57.0 85.6



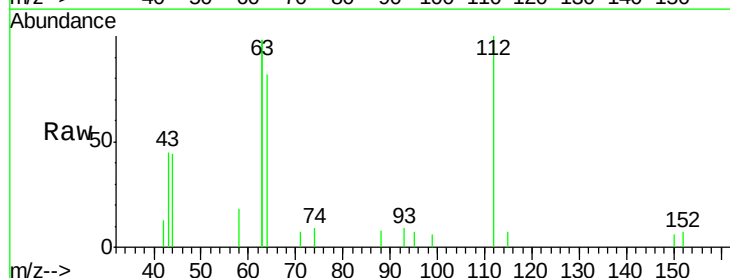
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



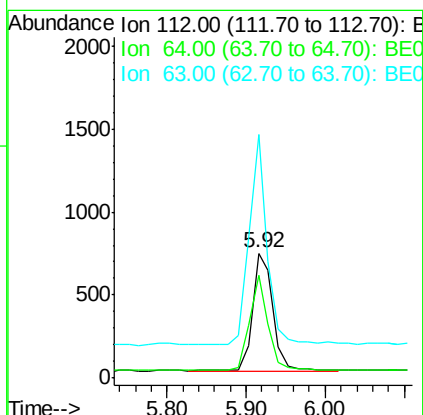
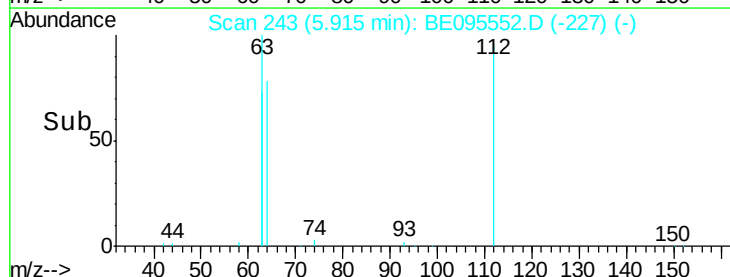
#4

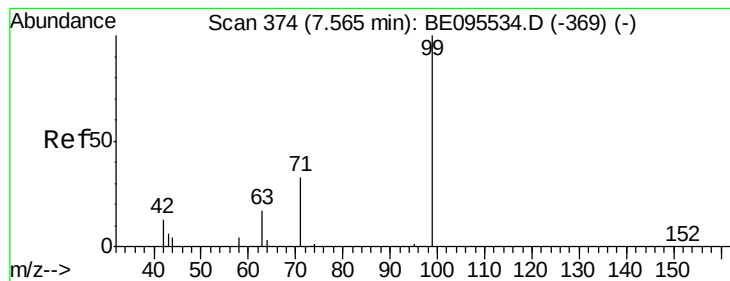
2-Fluorophenol
Concen: 0.336 ng
RT: 5.92 min Scan# 243
Delta R.T. -0.00 min
Lab File: BE095552.D
Acq: 7 Feb 2018 14:41

Tgt Ion:112 Resp: 1267
Ion Ratio Lower Upper
112 100
64 74.2 60.1 90.1
63 162.3 116.8 175.2



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: 0.318 ng

RT: 7.56 min Scan# 374

Delta R.T. -0.00 min

Lab File: BE095552.D

Acq: 7 Feb 2018 14:41

Instrument :

BNA_E

ClientSampleId :

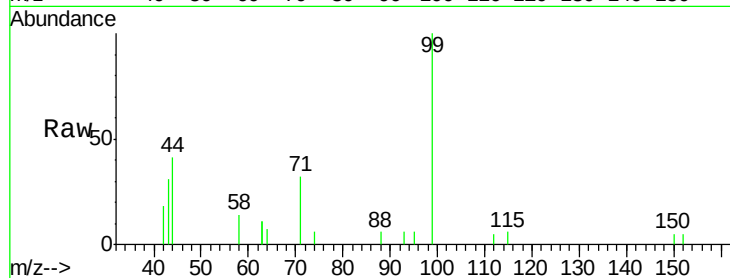
Tot Ion: 99 Resp: 1656

Ion Ratio Lower Upper

99 100

42 23.2 20.2 30.2

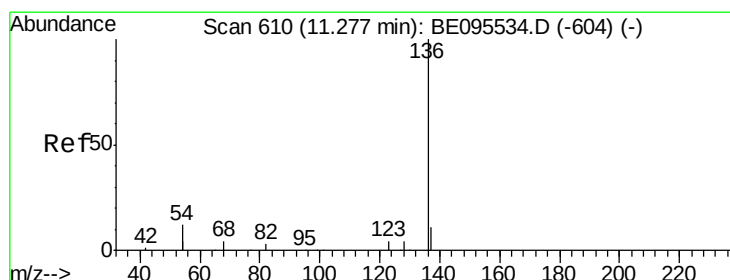
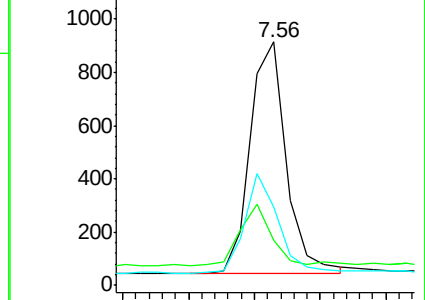
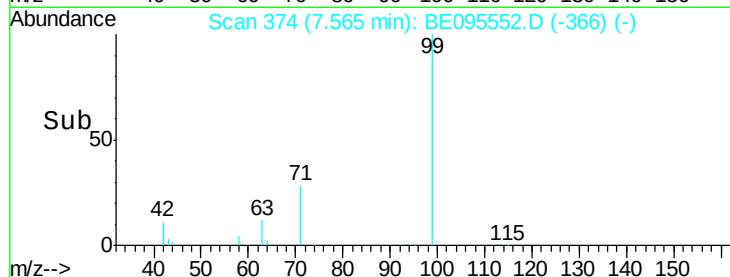
71 40.0 28.4 42.6



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: 11.28 min Scan# 610

Delta R.T. -0.00 min

Lab File: BE095552.D

Acq: 7 Feb 2018 14:41

Tgt Ion: 136 Resp: 4537

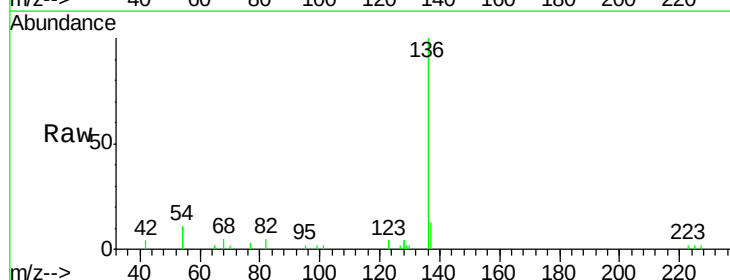
Ion Ratio Lower Upper

136 100

137 12.6 9.5 14.3

54 22.9 29.1 43.7#

68 5.3 6.2 9.2#

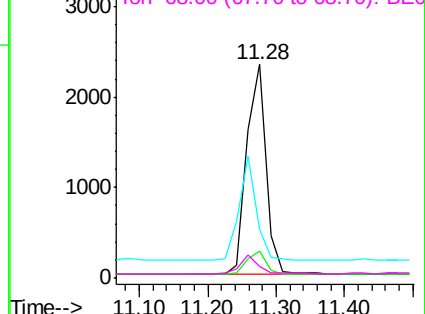
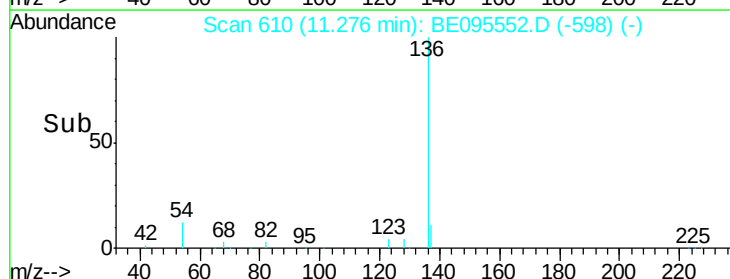


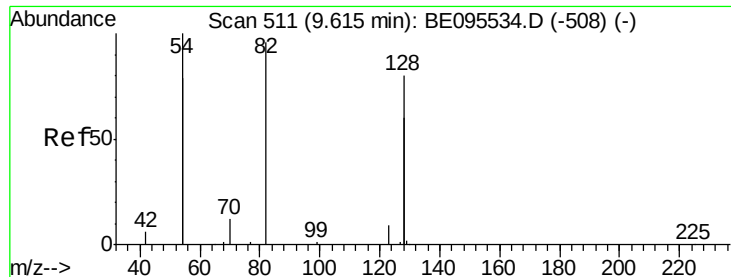
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.358 ng

RT: 9.61 min Scan# 511

Delta R.T. -0.00 min

Lab File: BE095552.D

Acq: 7 Feb 2018 14:41

Instrument :

BNA_E

ClientSampleId :

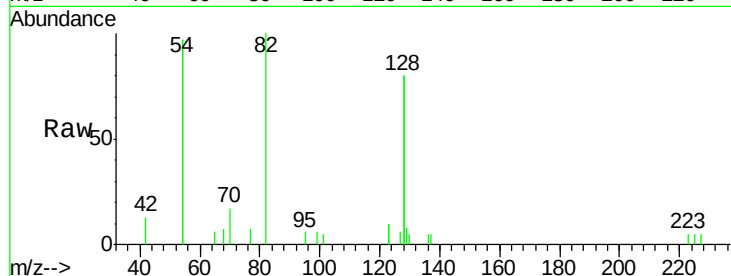
Tot Ion: 82 Resp: 1721

Ion Ratio Lower Upper

82 100

128 160.1 150.0 225.0

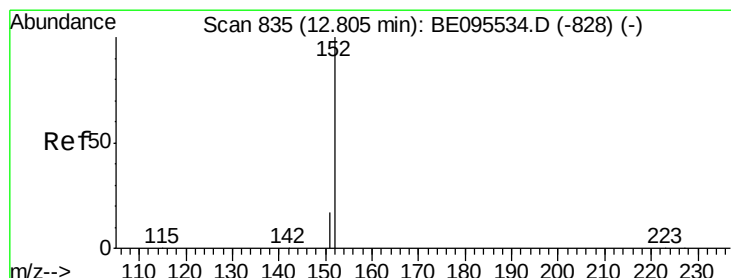
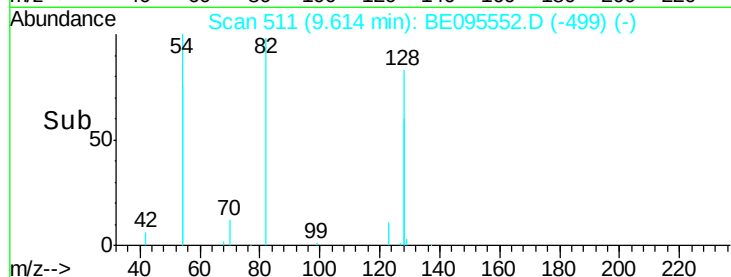
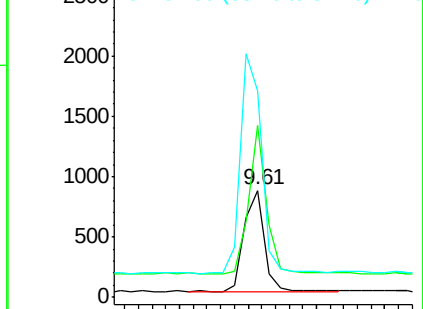
54 193.0 154.2 231.4



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: 0.349 ng

RT: 12.80 min Scan# 835

Delta R.T. -0.00 min

Lab File: BE095552.D

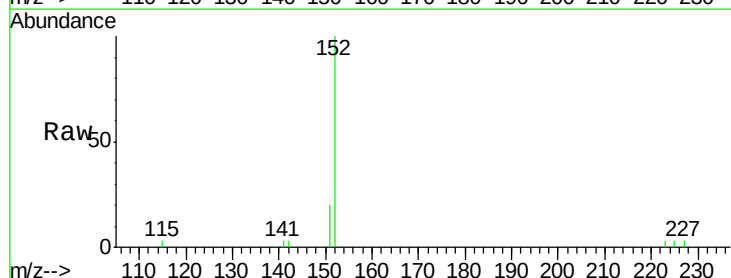
Acq: 7 Feb 2018 14:41

Tgt Ion: 152 Resp: 2620

Ion Ratio Lower Upper

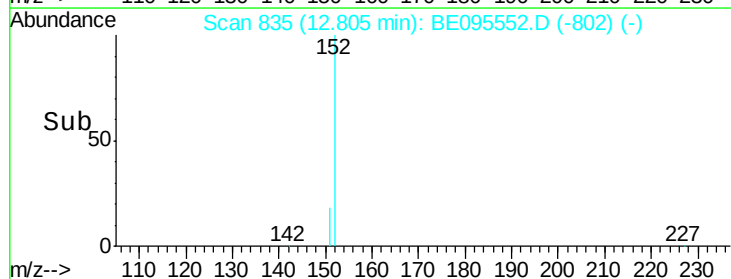
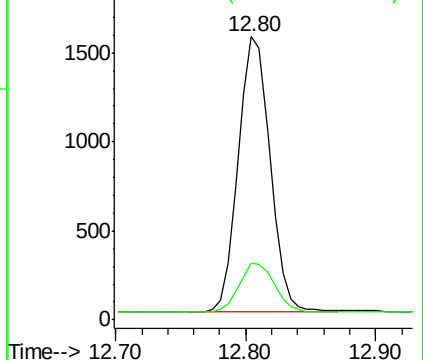
152 100

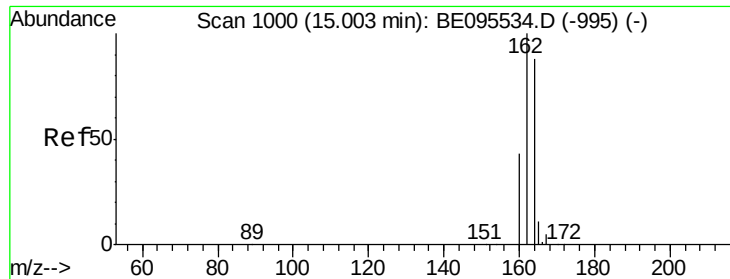
151 19.6 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): BE0

Ion 151.00 (150.70 to 151.70): BE0

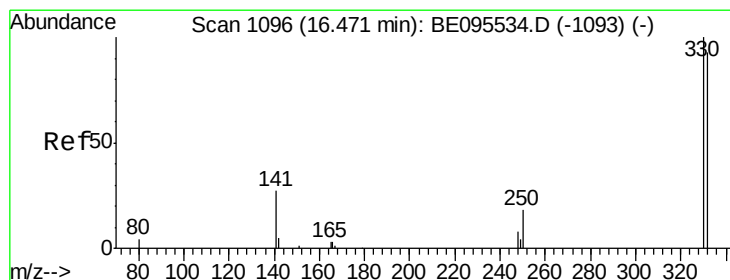
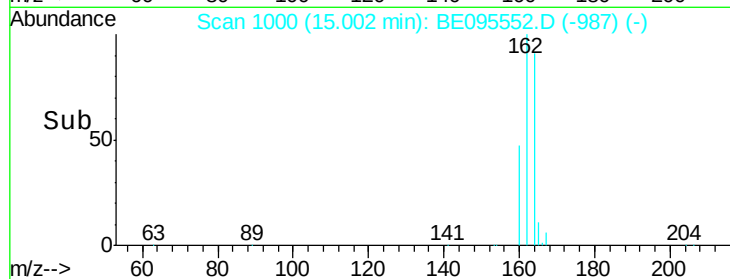
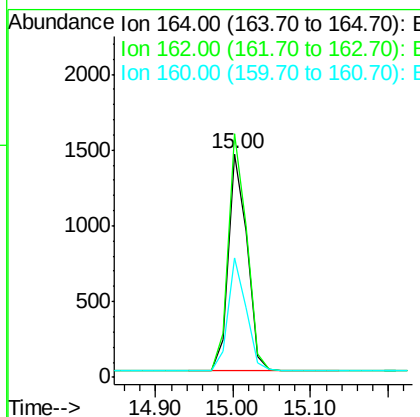
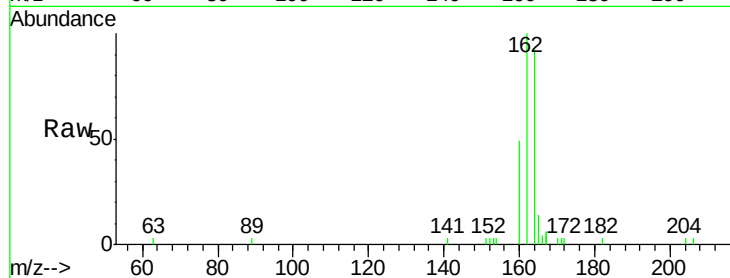




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 15.00 min Scan# 1000
 Delta R.T. -0.00 min
 Lab File: BE095552.D
 Acq: 7 Feb 2018 14:41

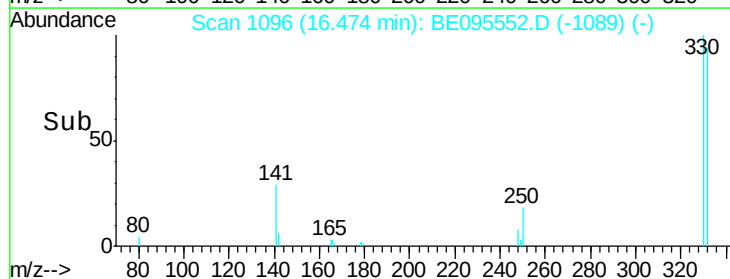
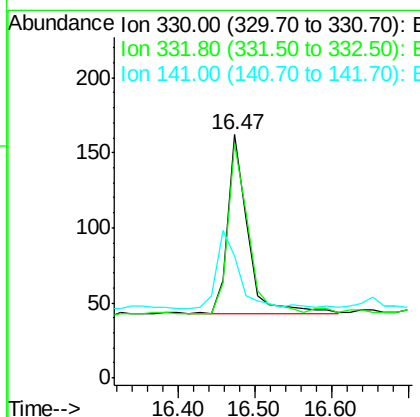
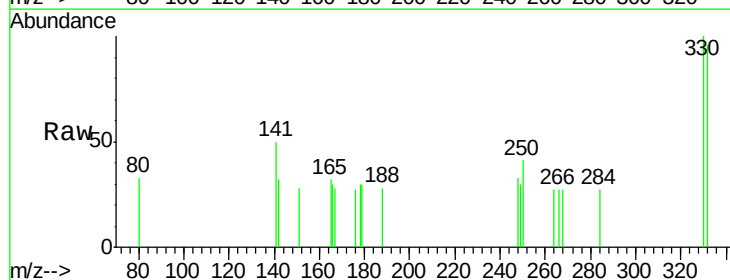
Instrument :
 BNA_E
 ClientSampleId :

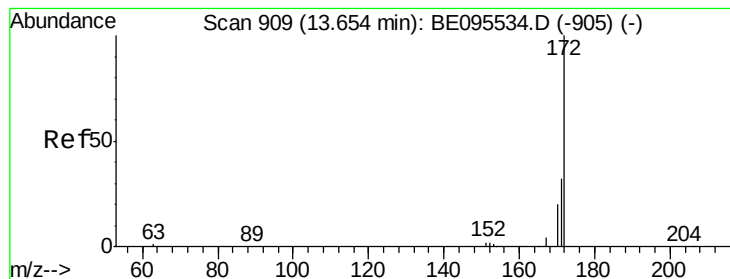
Tot Ion:164 Resp: 2375
 Ion Ratio Lower Upper
 164 100
 162 109.1 83.1 124.7
 160 53.3 37.1 55.7



#14
 2,4,6-Tribromophenol
 Concen: 0.199 ng
 RT: 16.47 min Scan# 1096
 Delta R.T. 0.00 min
 Lab File: BE095552.D
 Acq: 7 Feb 2018 14:41

Tgt Ion:330 Resp: 215
 Ion Ratio Lower Upper
 330 100
 332 95.8 152.7 229.1#
 141 50.7 33.7 50.5#





#15

2-Fluorobiphenyl

Concen: 0.418 ng

RT: 13.65 min Scan# 909

Delta R.T. -0.00 min

Lab File: BE095552.D

Acq: 7 Feb 2018 14:41

Instrument :

BNA_E

ClientSampleId :

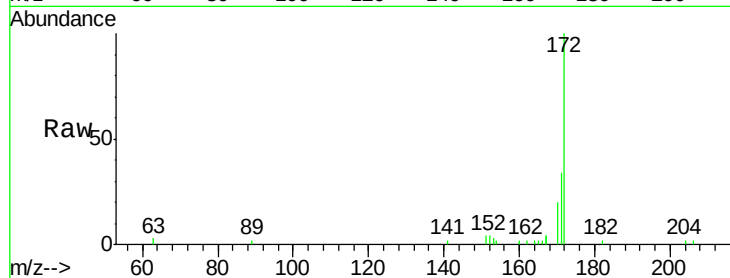
Tot Ion:172 Resp: 4281

Ion Ratio Lower Upper

172 100

171 34.0 29.9 44.9

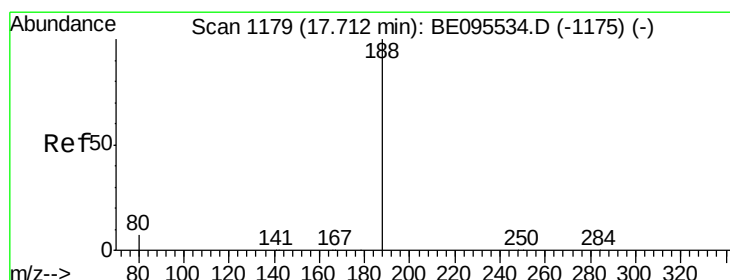
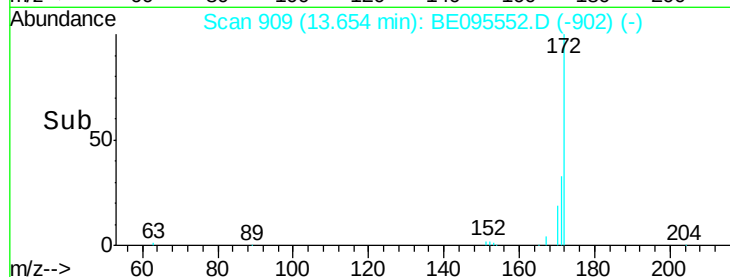
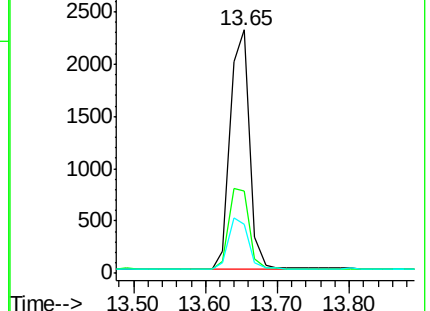
170 20.3 21.8 32.8#



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# 1179

Delta R.T. 0.00 min

Lab File: BE095552.D

Acq: 7 Feb 2018 14:41

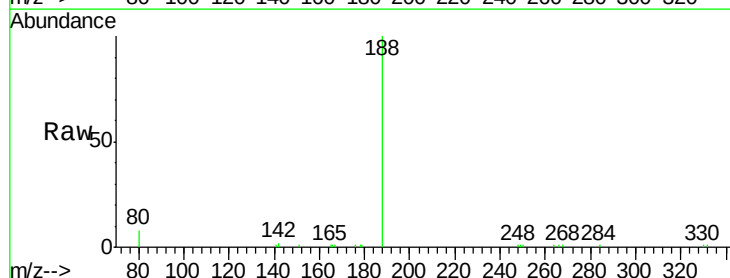
Tgt Ion:188 Resp: 5738

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

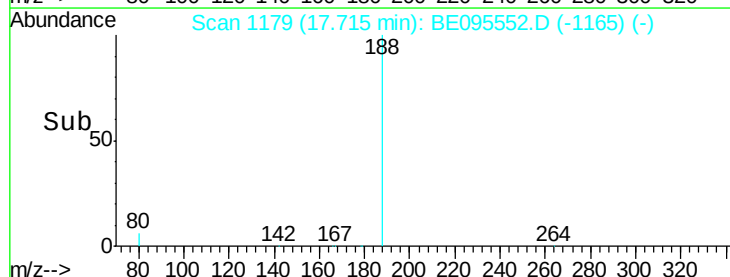
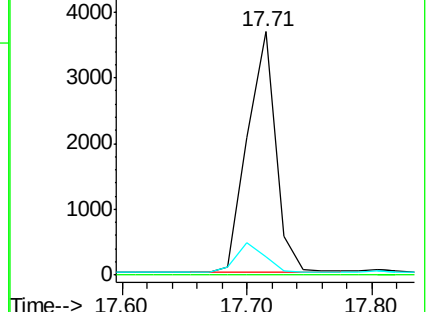
80 7.5 3.6 5.4#

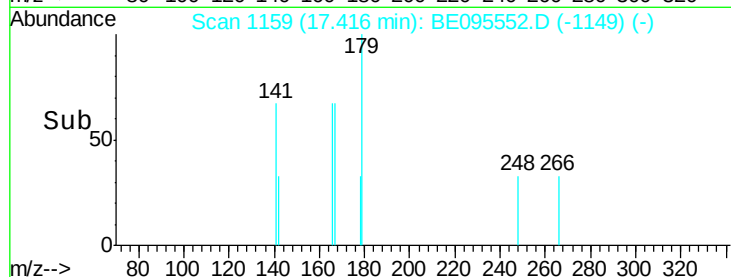
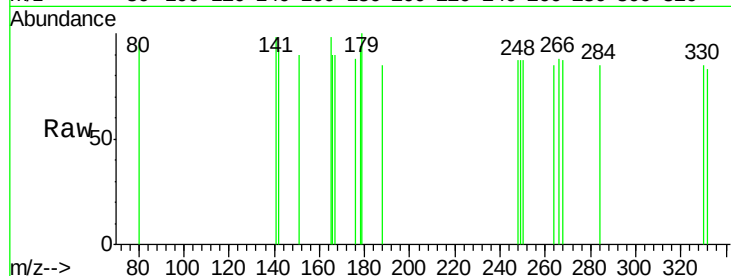
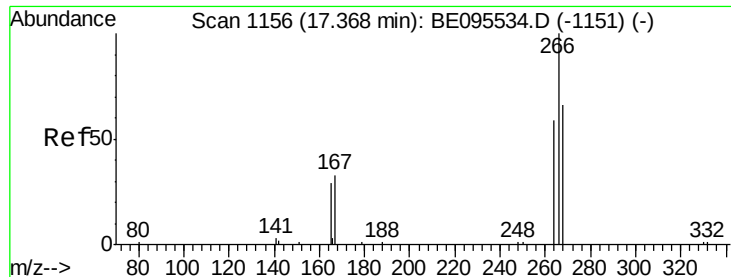


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0





#22

Pentachlorophenol

Concen: 0.165 ng

RT: 17.42 min Scan# 1159

Delta R.T. 0.05 min

Lab File: BE095552.D

Acq: 7 Feb 2018 14:41

Instrument :

BNA_E

ClientSampleId :

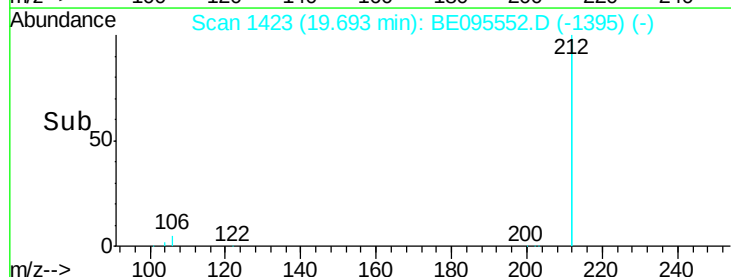
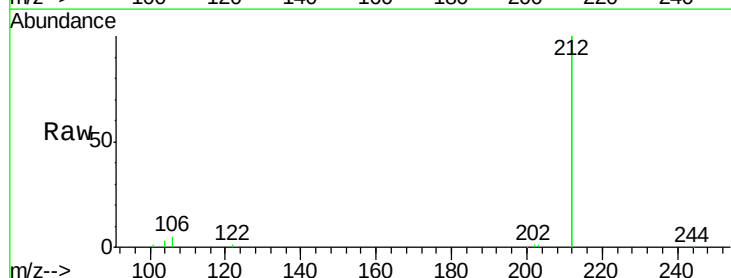
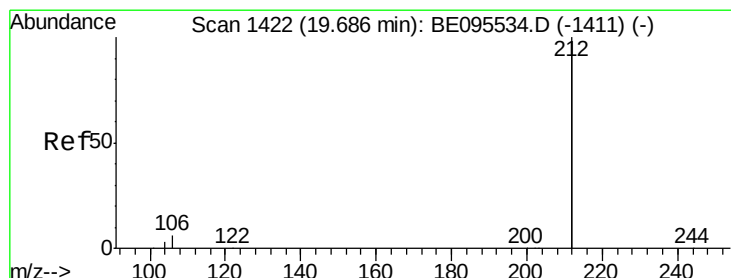
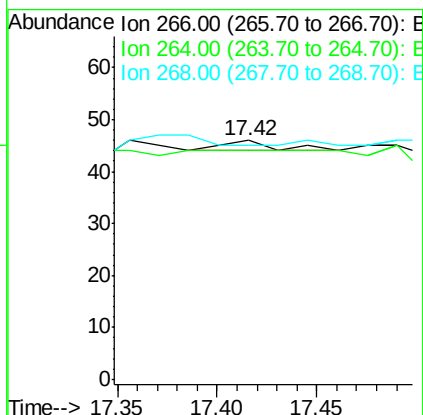
Tot Ion:266 Resp: 4

Ion Ratio Lower Upper

266 100

264 95.7 72.5 108.7

268 97.8 73.8 110.6



#25

Fluoranthene-d10

Concen: 0.363 ng

RT: 19.69 min Scan# 1423

Delta R.T. 0.01 min

Lab File: BE095552.D

Acq: 7 Feb 2018 14:41

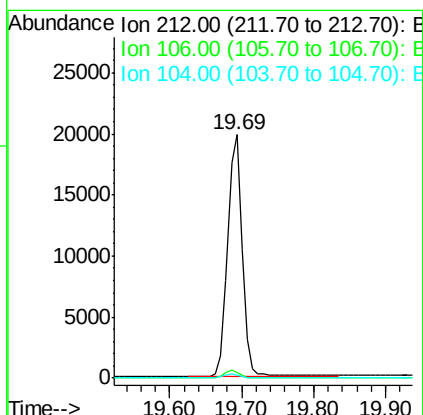
Tgt Ion:212 Resp: 27402

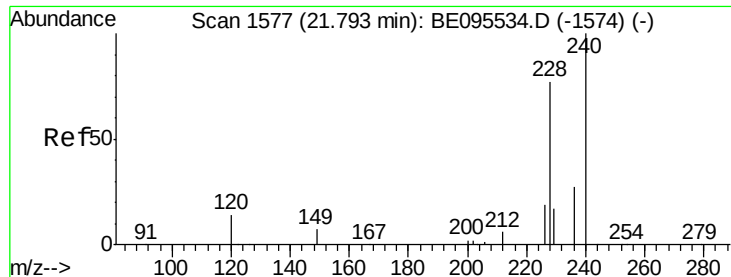
Ion Ratio Lower Upper

212 100

106 2.9 2.8 4.2

104 1.7 1.6 2.4





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.81 min Scan# 1578

Delta R.T. 0.02 min

Lab File: BE095552.D

Acq: 7 Feb 2018 14:41

Instrument :

BNA_E

ClientSampleId :

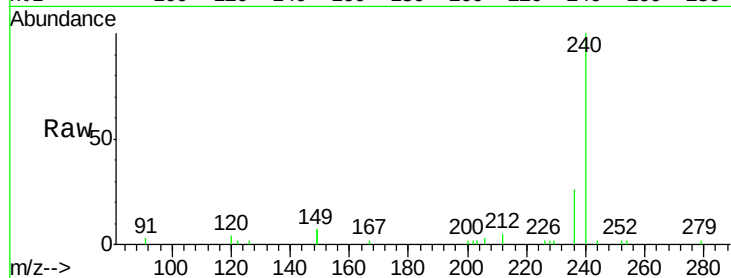
Tot Ion:240 Resp: 5807

Ion Ratio Lower Upper

240 100

120 4.3 5.5 8.3#

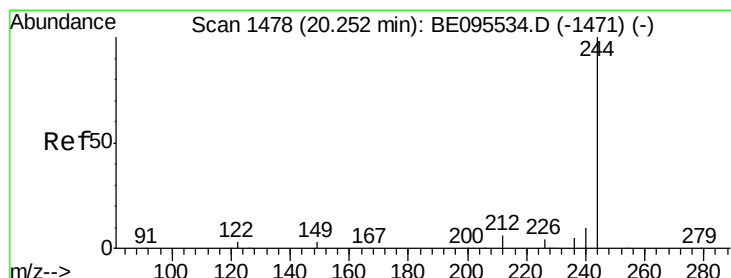
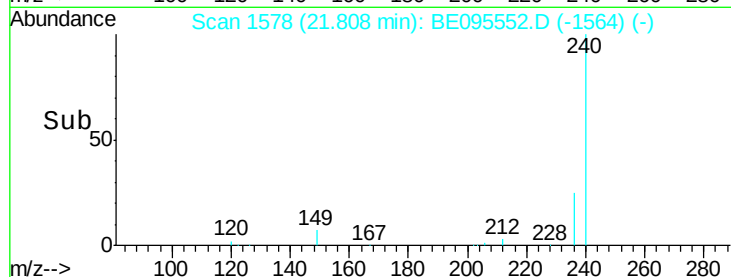
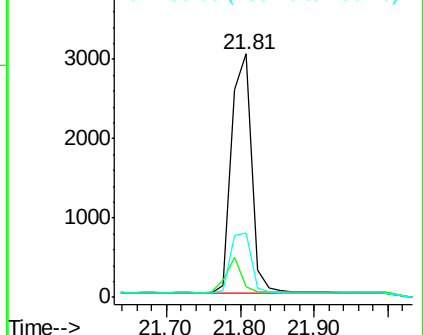
236 26.4 20.7 31.1



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: 0.415 ng

RT: 20.25 min Scan# 1478

Delta R.T. -0.00 min

Lab File: BE095552.D

Acq: 7 Feb 2018 14:41

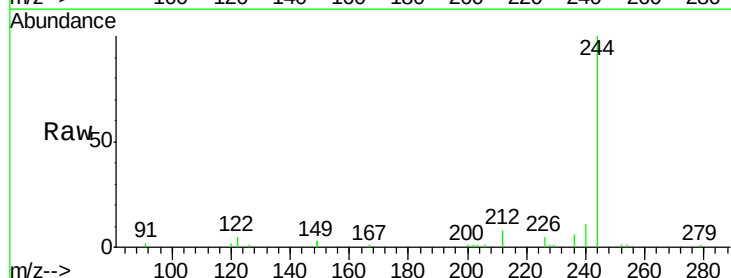
Tgt Ion:244 Resp: 5130

Ion Ratio Lower Upper

244 100

212 7.9 25.4 38.0#

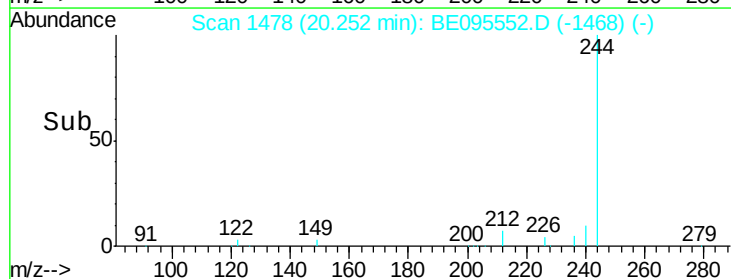
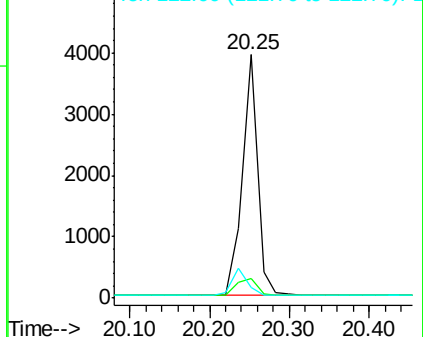
122 4.5 8.1 12.1#

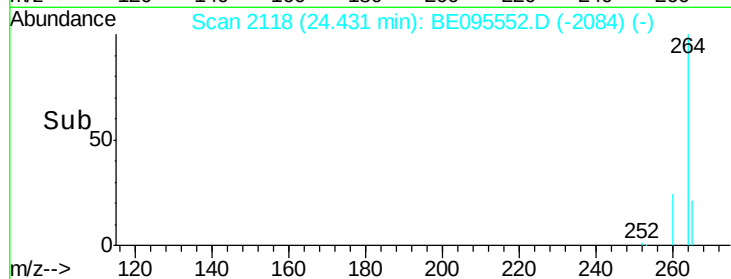
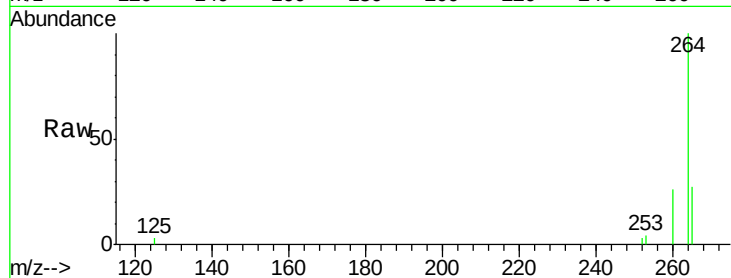
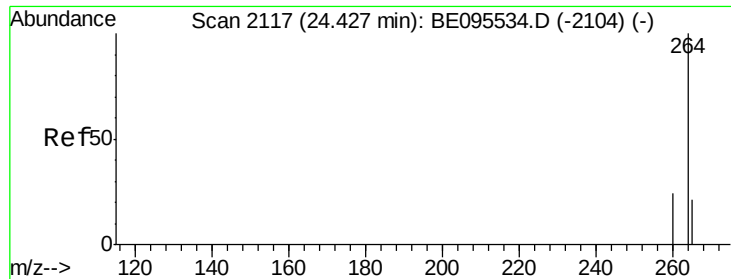


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.43 min Scan# 2118

Delta R.T. 0.00 min

Lab File: BE095552.D

Acq: 7 Feb 2018 14:41

Instrument :

BNA_E

ClientSampleId :

Tot Ion:264 Resp: 5360

Ion Ratio Lower Upper

264 100

260 25.7 20.5 30.7

265 26.7 22.8 34.2

