

Data Path : Z:\HPCHEM1\BNA E\DATA\BE032618\
 Data File : BE095833.D
 Acq On : 26 Mar 2018 9:40
 Operator : SJ/JU
 Sample : PB107516BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Mar 27 05:39:14 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

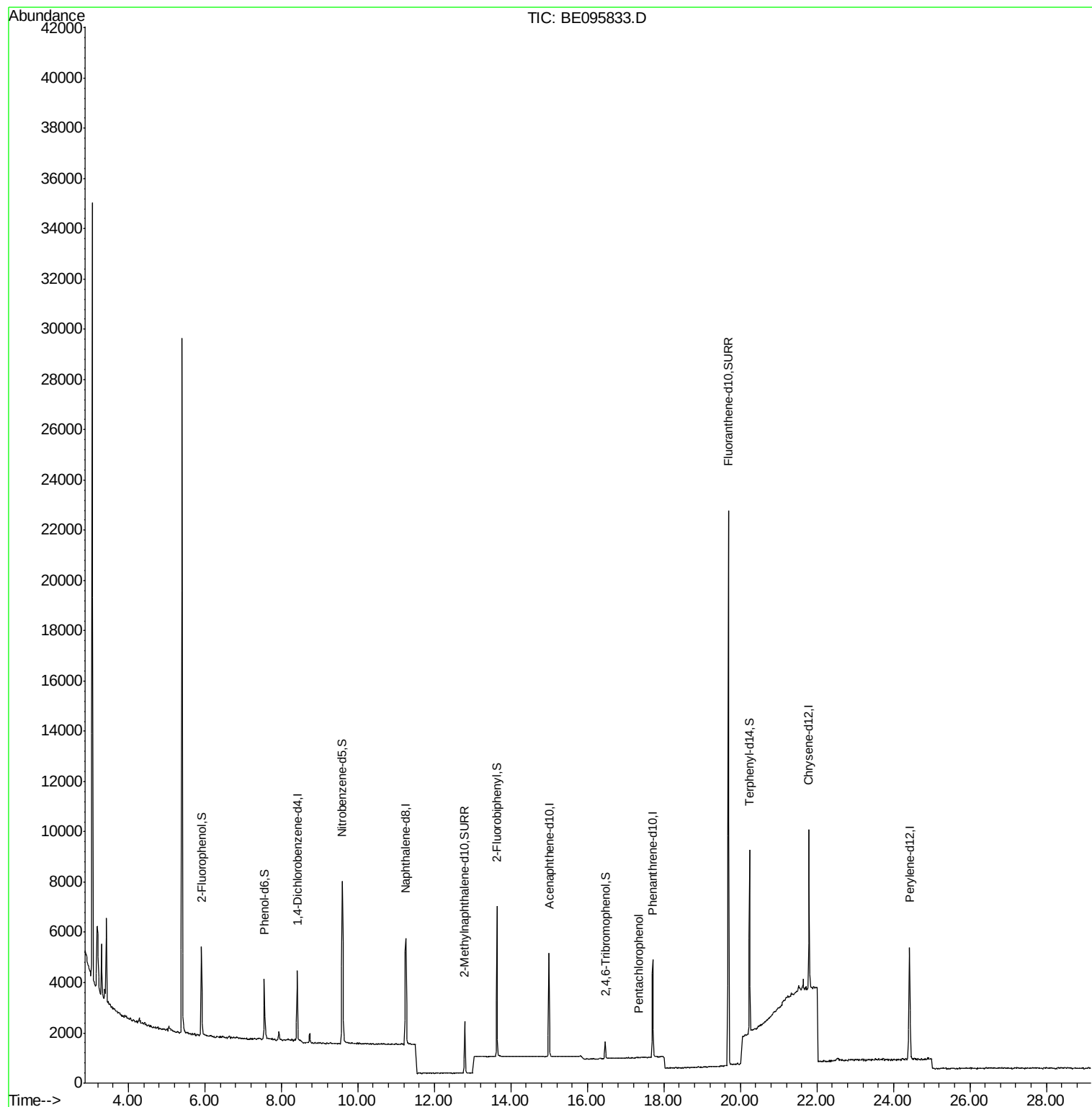
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.42	152	1355	0.40	ng	0.00
7) Naphthalene-d8	11.26	136	4905	0.40	ng	0.00
13) Acenaphthene-d10	15.00	164	2564	0.40	ng	0.00
19) Phenanthrene-d10	17.71	188	5711	0.40	ng	0.00
27) Chrysene-d12	21.79	240	6696	0.40	ng	-0.01
34) Perylene-d12	24.42	264	6897	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.91	112	1690	0.38	ng	0.00
5) Phenol-d6	7.56	99	2285	0.37	ng	0.00
8) Nitrobenzene-d5	9.59	82	2524	0.44	ng	0.00
11) 2-Methylnaphthalene-d10	12.80	152	2766	0.34	ng	0.00
14) 2,4,6-Tribromophenol	16.47	330	417	0.28	ng	0.00
15) 2-Fluorobiphenyl	13.63	172	5136	0.48	ng	-0.01
25) Fluoranthene-d10	19.68	212	28385	0.33	ng	0.00
29) Terphenyl-d14	20.24	244	6763	0.48	ng	0.00
Target Compounds						
22) Pentachlorophenol	17.35	266	4	0.134	ng	Qvalue 96

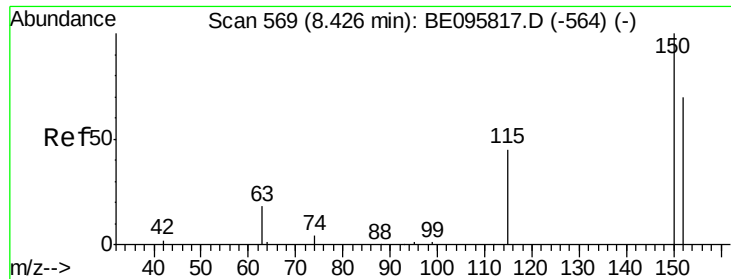
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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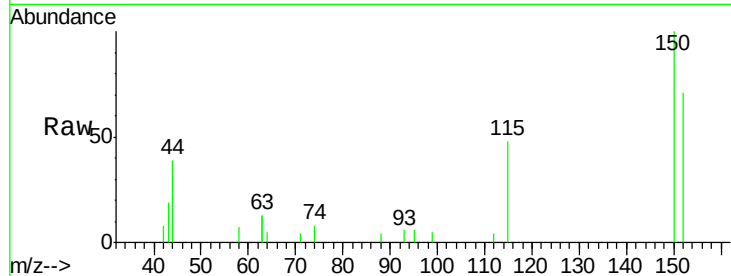


#1

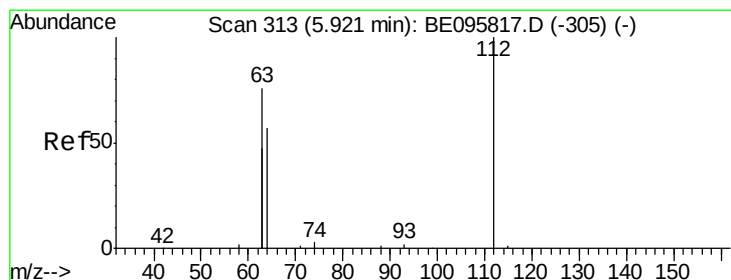
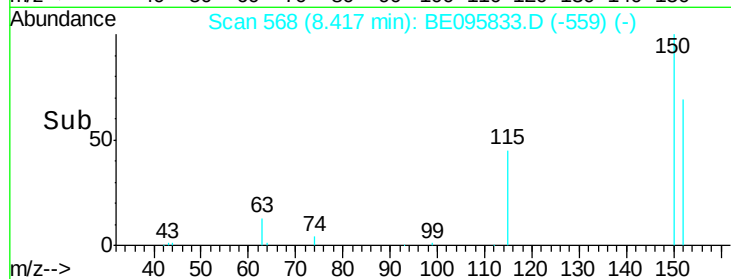
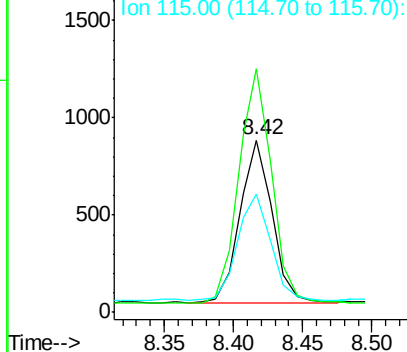
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.42 min Scan# 568
Delta R.T. -0.01 min
Lab File: BE095833.D
Acq: 26 Mar 2018 9:40

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 1355
Ion Ratio Lower Upper
152 100
150 141.6 117.2 175.8
115 68.6 57.0 85.6



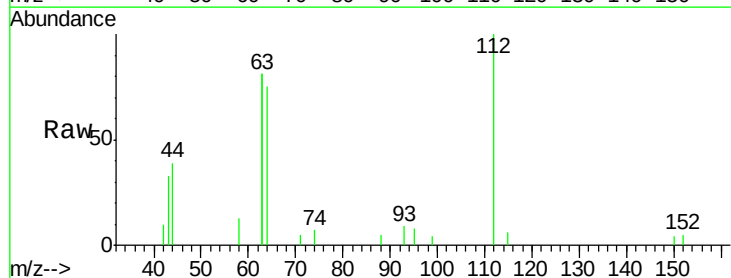
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



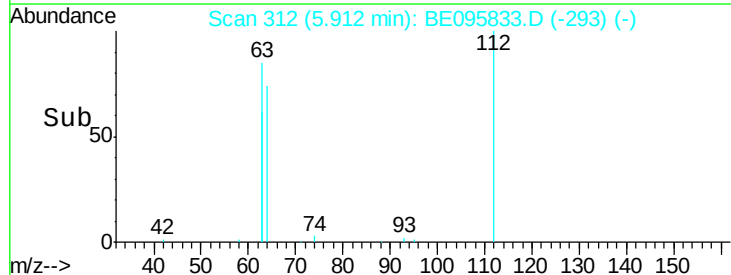
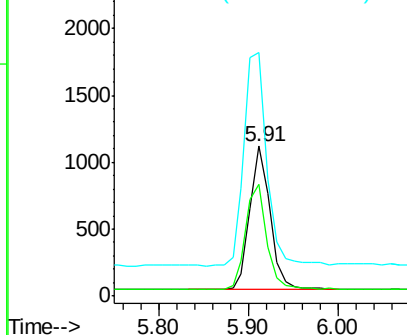
#4

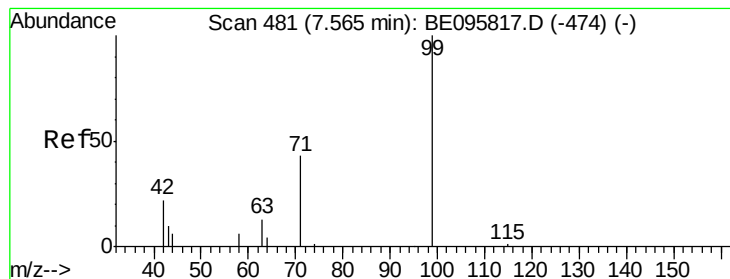
2-Fluorophenol
Concen: 0.378 ng
RT: 5.91 min Scan# 312
Delta R.T. -0.01 min
Lab File: BE095833.D
Acq: 26 Mar 2018 9:40

Tgt Ion:112 Resp: 1690
Ion Ratio Lower Upper
112 100
64 76.7 60.1 90.1
63 169.5 116.8 175.2



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: 0.372 ng

RT: 7.56 min Scan# 480

Delta R.T. -0.01 min

Lab File: BE095833.D

Acq: 26 Mar 2018 9:40

Instrument :

BNA_E

ClientSampleId :

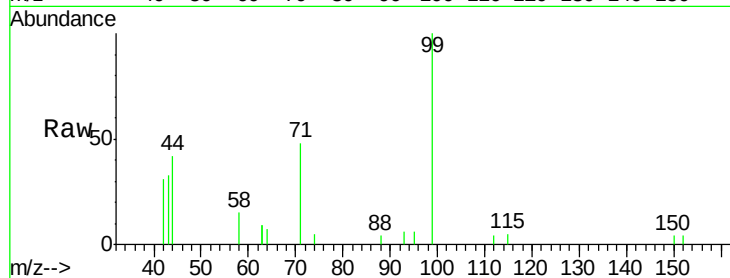
Tot Ion: 99 Resp: 2285

Ion Ratio Lower Upper

99 100

42 24.7 20.2 30.2

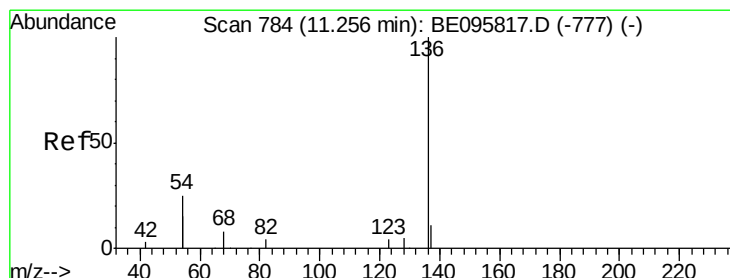
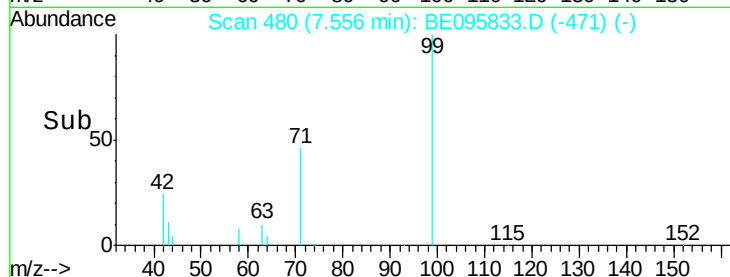
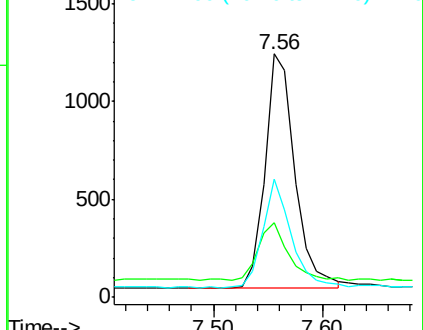
71 43.6 28.4 42.6#



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: BE095833.D

Acq: 26 Mar 2018 9:40

Tgt Ion: 136 Resp: 4905

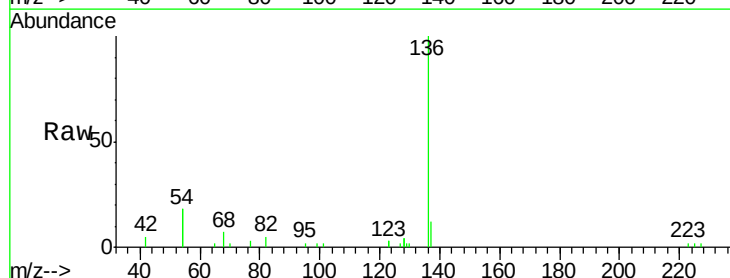
Ion Ratio Lower Upper

136 100

137 12.1 9.5 14.3

54 35.7 29.1 43.7

68 6.7 6.2 9.2

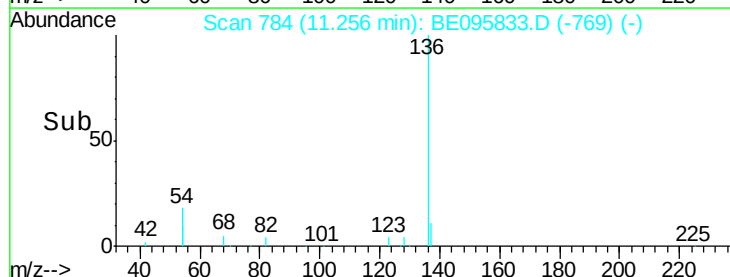
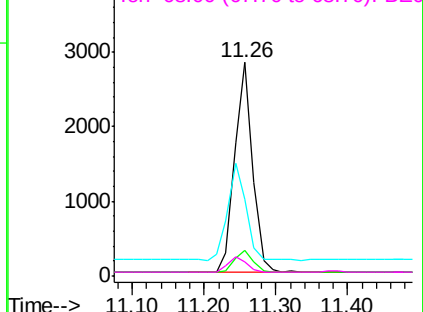


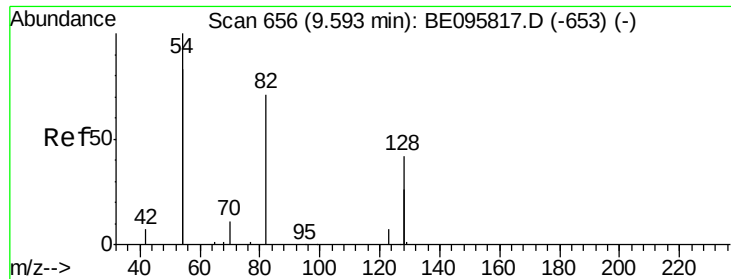
Abundance Ion 136.00 (135.70 to 136.70): E

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

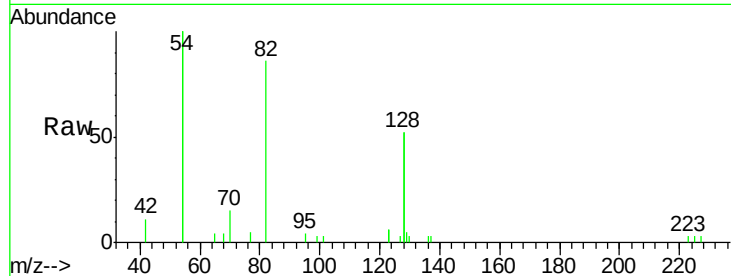




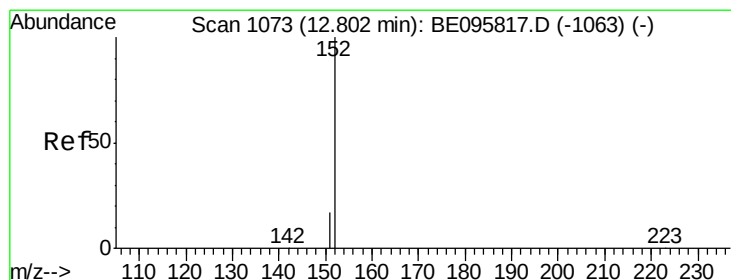
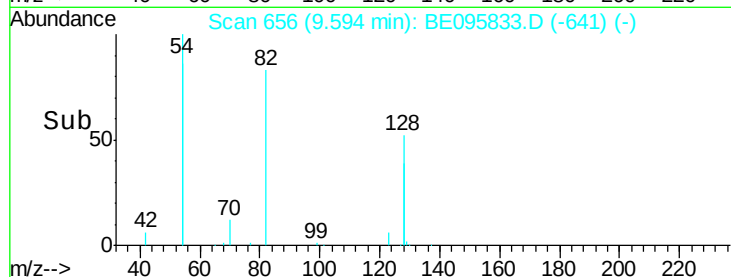
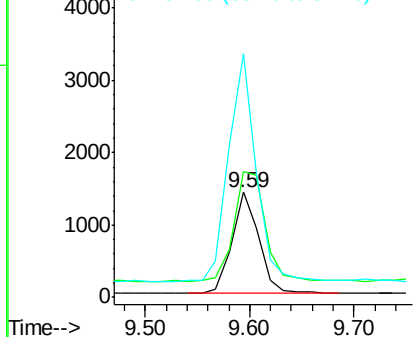
#8
 Nitrobenzene-d5
 Concen: 0.436 ng
 RT: 9.59 min Scan# 656
 Delta R.T. 0.00 min
 Lab File: BE095833.D
 Acq: 26 Mar 2018 9:40

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion: 82 Resp: 2524
 Ion Ratio Lower Upper
 82 100
 128 120.1 150.0 225.0#
 54 231.3 154.2 231.4

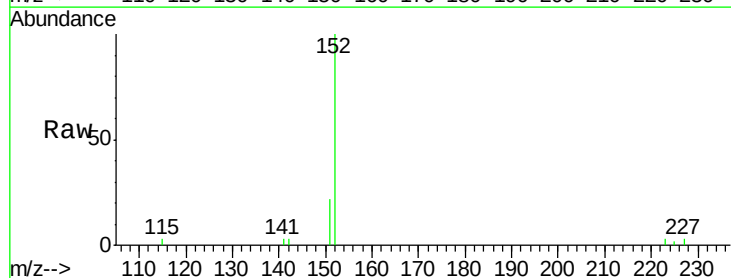


Abundance Ion 82.00 (81.70 to 82.70): BE0
 Ion 128.00 (127.70 to 128.70): BE0
 Ion 54.00 (53.70 to 54.70): BE0

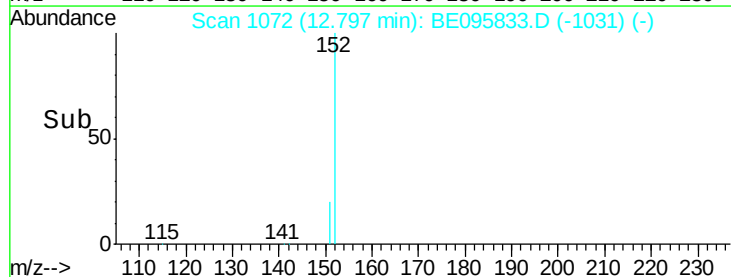
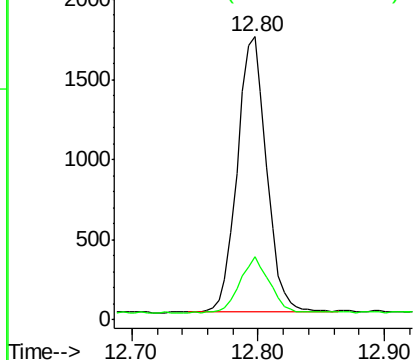


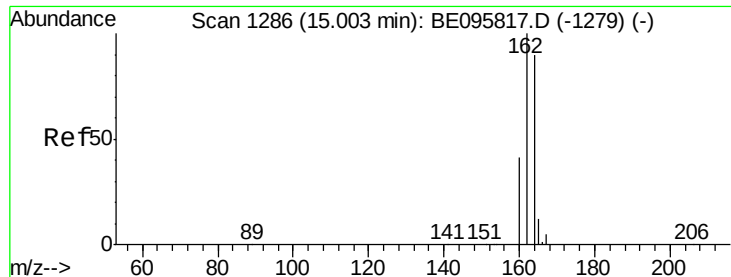
#11
 2-Methylnaphthalene-d10
 Concen: 0.338 ng
 RT: 12.80 min Scan# 1072
 Delta R.T. -0.00 min
 Lab File: BE095833.D
 Acq: 26 Mar 2018 9:40

Tgt Ion: 152 Resp: 2766
 Ion Ratio Lower Upper
 152 100
 151 20.2 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: 15.00 min Scan# 1286

Delta R.T. -0.00 min

Lab File: BE095833.D

Acq: 26 Mar 2018 9:40

Instrument :

BNA_E

ClientSampleId :

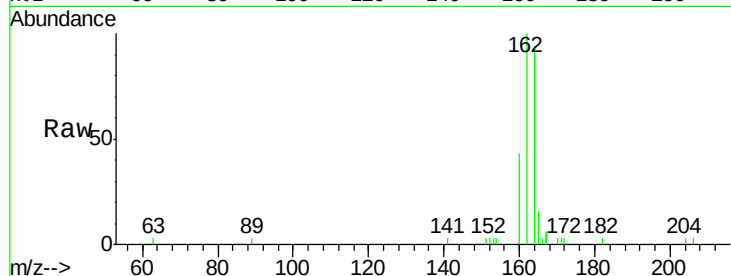
Tot Ion:164 Resp: 2564

Ion Ratio Lower Upper

164 100

162 105.9 83.1 124.7

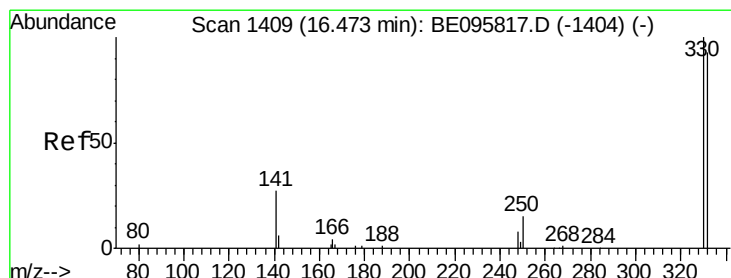
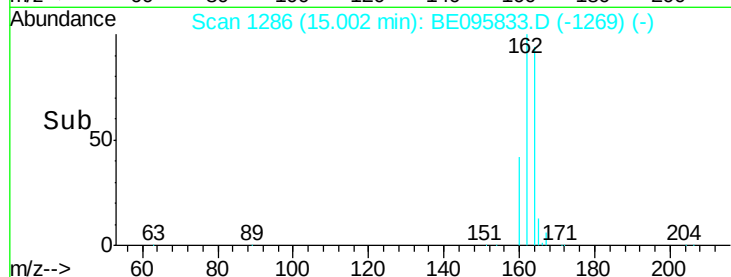
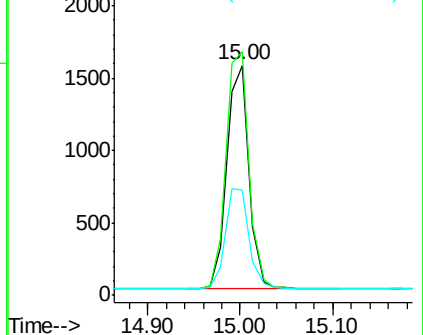
160 45.7 37.1 55.7



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: 0.282 ng

RT: 16.47 min Scan# 1409

Delta R.T. -0.00 min

Lab File: BE095833.D

Acq: 26 Mar 2018 9:40

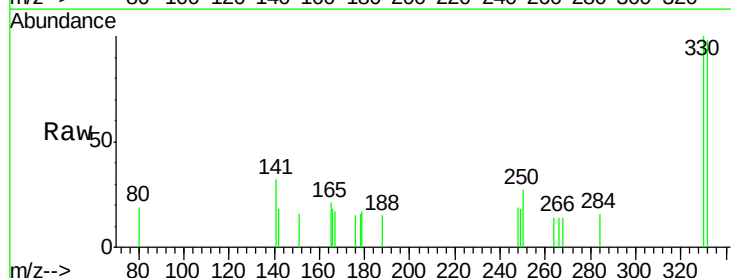
Tgt Ion:330 Resp: 417

Ion Ratio Lower Upper

330 100

332 96.9 152.7 229.1#

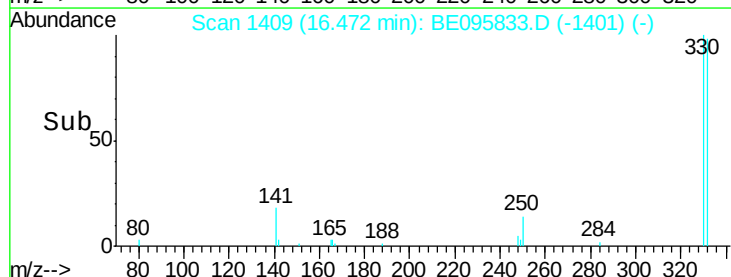
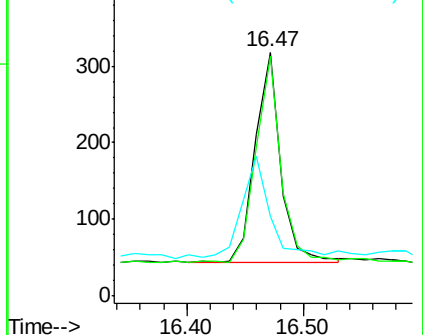
141 56.6 33.7 50.5#

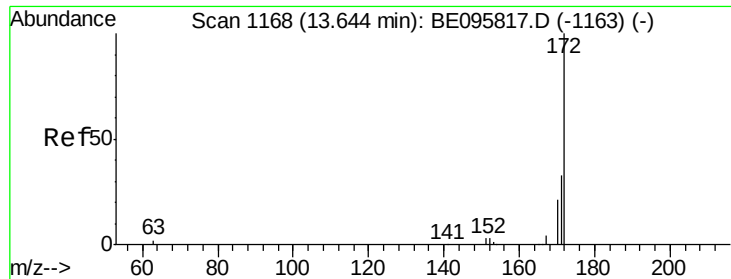


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

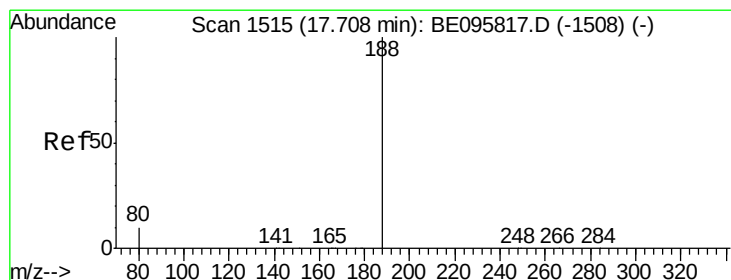
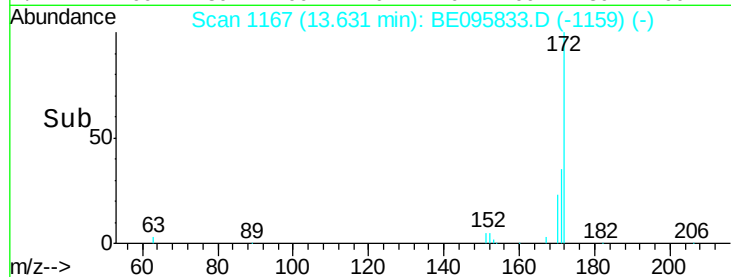
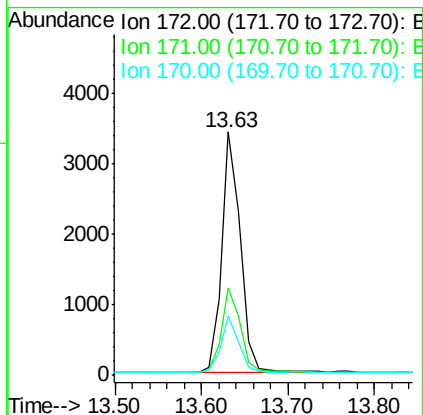
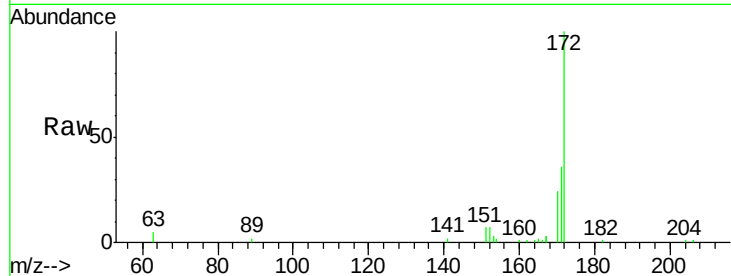




#15
2-Fluorobiphenyl
Concen: 0.475 ng
RT: 13.63 min Scan# 1167
Delta R.T. -0.01 min
Lab File: BE095833.D
Acq: 26 Mar 2018 9:40

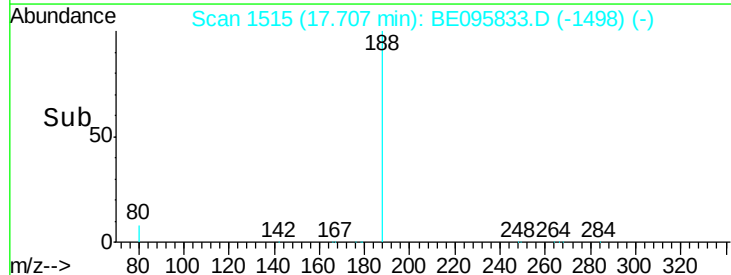
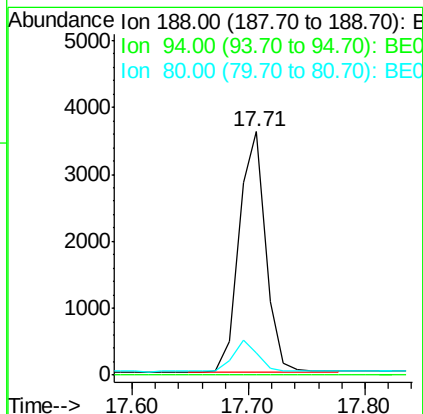
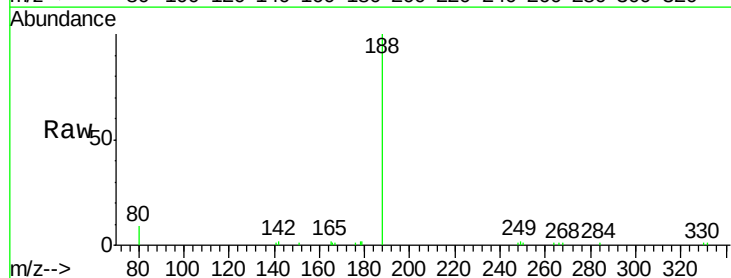
Instrument :
BNA_E
ClientSampleId :

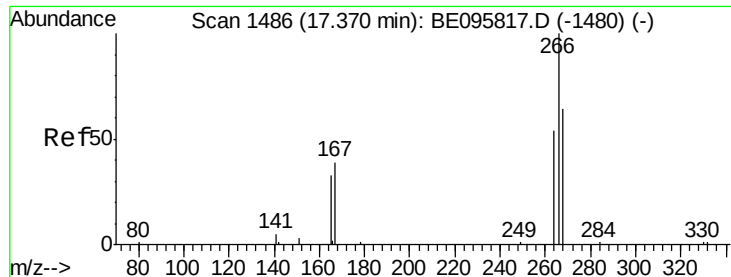
Tot Ion:172 Resp: 5136
Ion Ratio Lower Upper
172 100
171 36.1 29.9 44.9
170 24.2 21.8 32.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.71 min Scan# 1515
Delta R.T. -0.00 min
Lab File: BE095833.D
Acq: 26 Mar 2018 9:40

Tgt Ion:188 Resp: 5711
Ion Ratio Lower Upper
188 100
94 0.0 3.9 5.9#
80 9.1 3.6 5.4#





#22

Pentachlorophenol

Concen: 0.134 ng

RT: 17.35 min Scan# 1484

Delta R.T. -0.02 min

Lab File: BE095833.D

Acq: 26 Mar 2018 9:40

Instrument :

BNA_E

ClientSampleId :

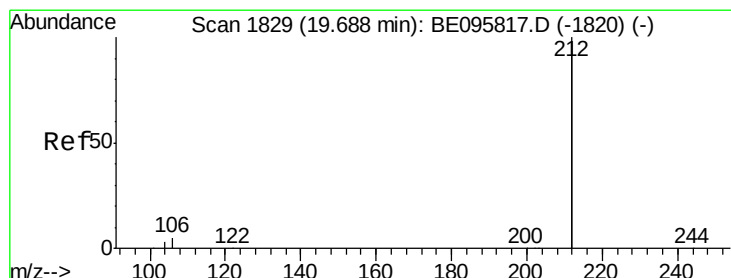
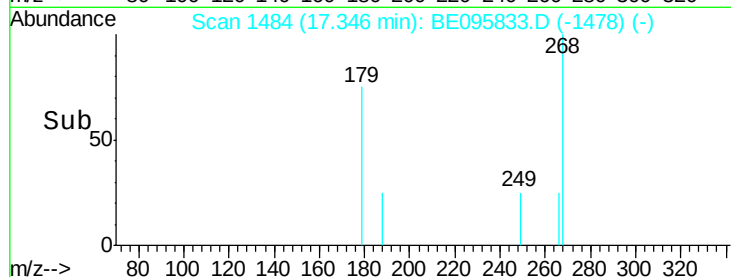
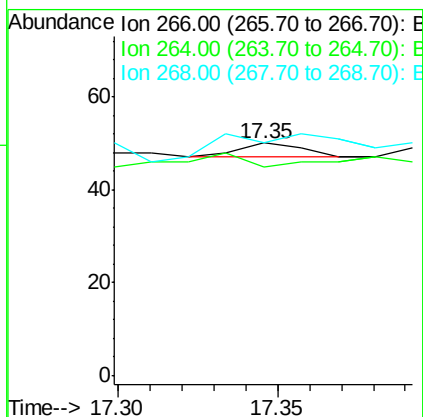
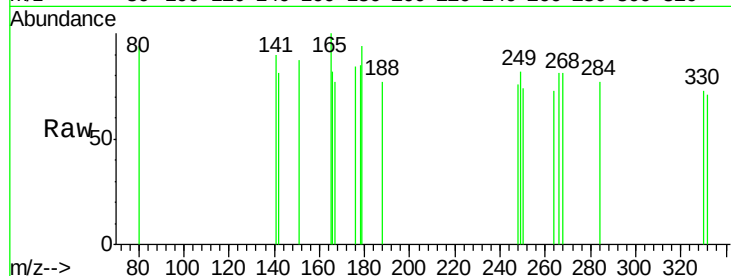
Tot Ion:266 Resp: 4

Ion Ratio Lower Upper

266 100

264 90.0 72.5 108.7

268 100.0 73.8 110.6



#25

Fluoranthene-d10

Concen: 0.335 ng

RT: 19.68 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BE095833.D

Acq: 26 Mar 2018 9:40

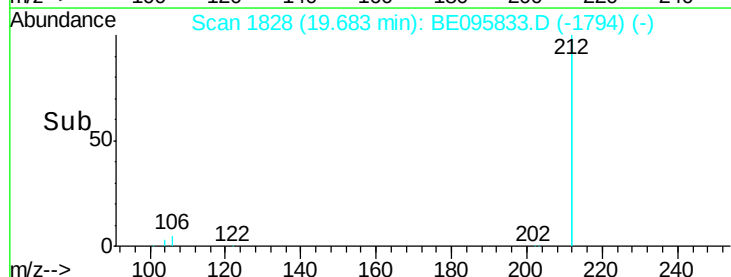
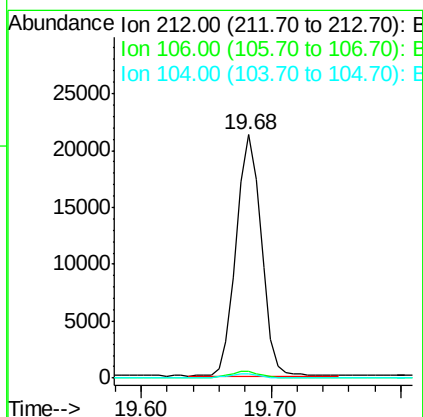
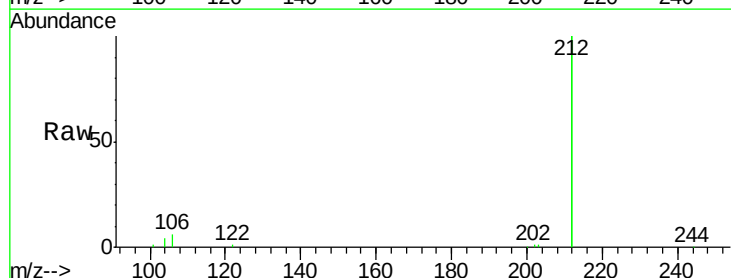
Tgt Ion:212 Resp: 28385

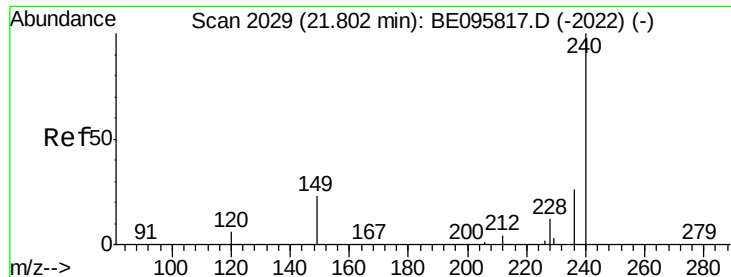
Ion Ratio Lower Upper

212 100

106 2.9 2.8 4.2

104 1.6 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: BE095833.D

Acq: 26 Mar 2018 9:40

Instrument :

BNA_E

ClientSampleId :

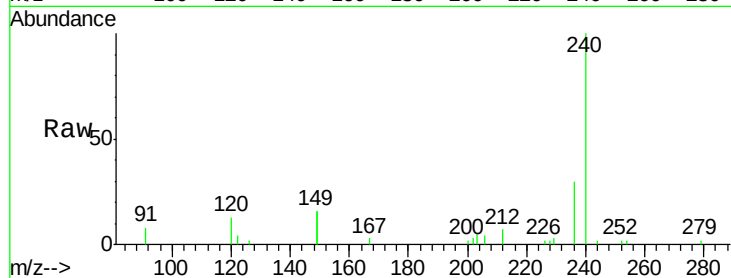
Tot Ion:240 Resp: 6696

Ion Ratio Lower Upper

240 100

120 13.0 5.5 8.3#

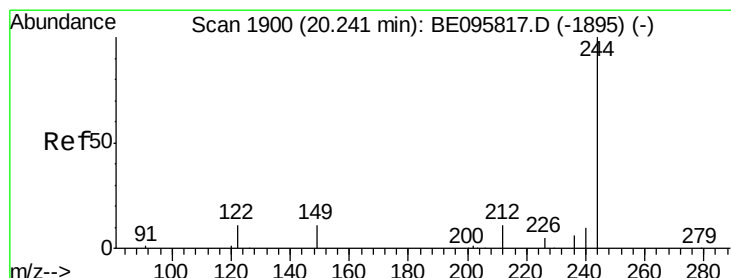
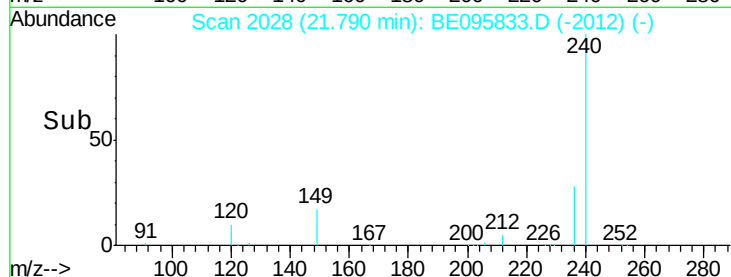
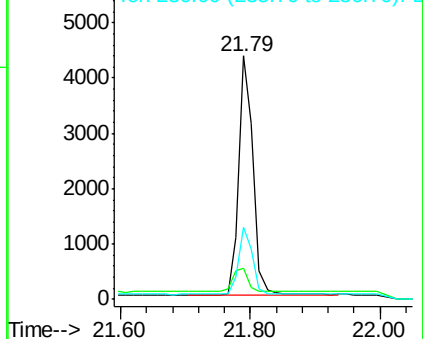
236 29.8 20.7 31.1



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: 0.476 ng

RT: 20.24 min Scan# 1900

Delta R.T. 0.00 min

Lab File: BE095833.D

Acq: 26 Mar 2018 9:40

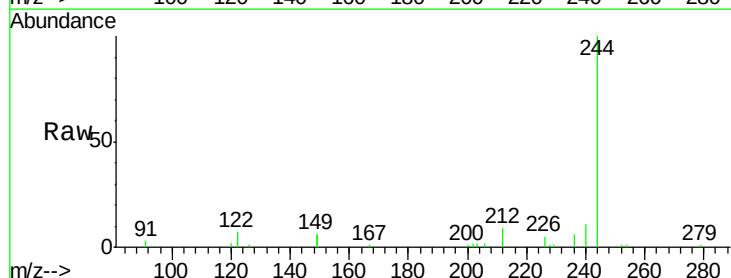
Tgt Ion:244 Resp: 6763

Ion Ratio Lower Upper

244 100

212 9.1 25.4 38.0#

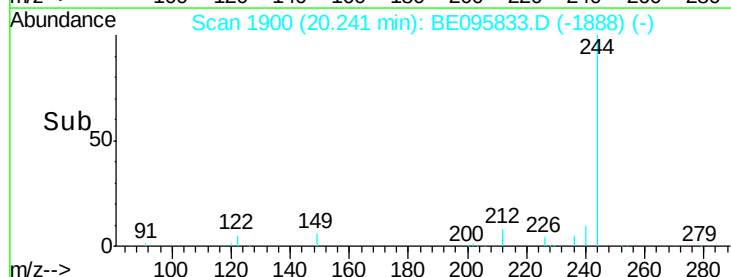
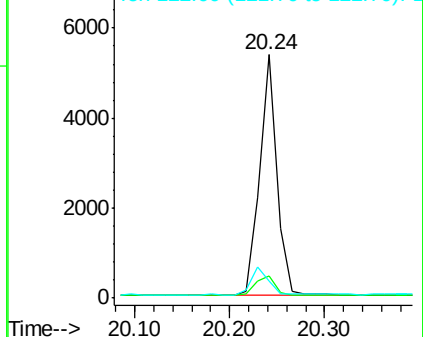
122 6.8 8.1 12.1#

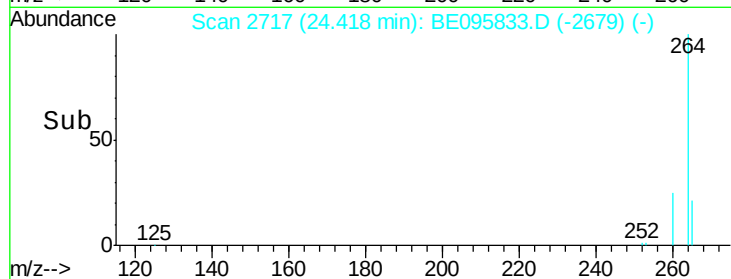
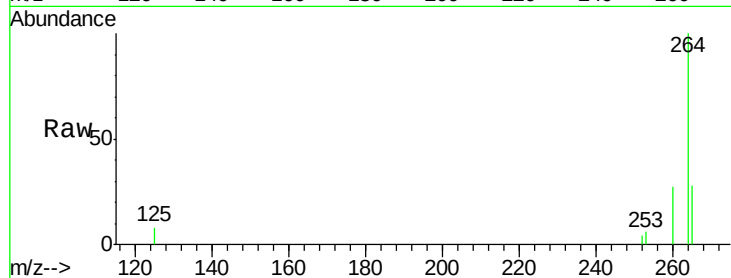
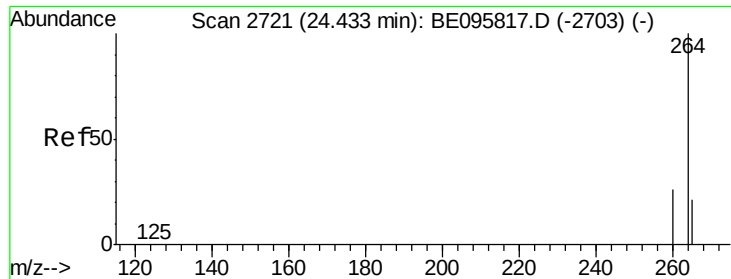


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#34

Pervlene-d12

Concen: 0.400 ng

RT: 24.42 min Scan# 2717

Delta R.T. -0.02 min

Lab File: BE095833.D

Acq: 26 Mar 2018 9:40

Instrument :

BNA_E

ClientSampleId :

Tot Ion:264 Resp: 6897

Ion Ratio Lower Upper

264 100

260 27.0 20.5 30.7

265 28.5 22.8 34.2

