

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE032318\
 Data File : BE095827.D
 Acq On : 23 Mar 2018 17:37
 Operator : SJ/JU
 Sample : PB107343BL
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Mar 23 23:23:15 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

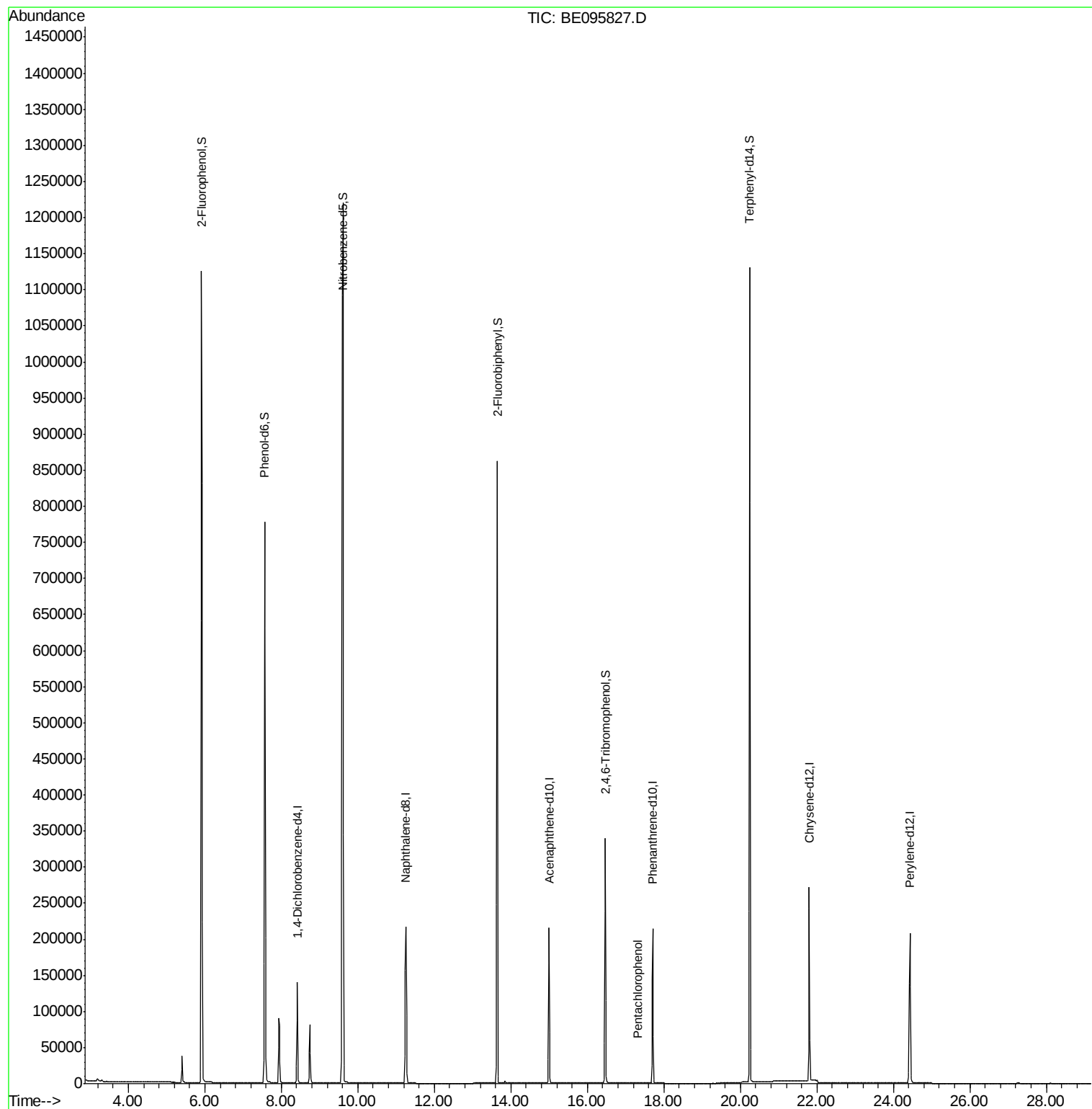
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.42	152	65300	0.40	ng	0.00
7) Naphthalene-d8	11.26	136	233110	0.40	ng	0.00
13) Acenaphthene-d10	15.00	164	125638	0.40	ng	0.00
19) Phenanthrene-d10	17.71	188	281778	0.40	ng	0.00
27) Chrysene-d12	21.80	240	305857	0.40	ng	0.00
34) Perylene-d12	24.43	264	322885	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.92	112	493221	2.29	ng	0.00
5) Phenol-d6	7.57	99	679805	2.30	ng	0.00
8) Nitrobenzene-d5	9.61	82	482706	1.75	ng	0.01
11) 2-Methylnaphthalene-d10	12.80	152	24	0.00	ng	0.00
14) 2,4,6-Tribromophenol	16.47	330	181955	2.51	ng	0.00
15) 2-Fluorobiphenyl	13.64	172	840453	1.59	ng	0.00
25) Fluoranthene-d10	19.68	212	31	0.00	ng	0.00
29) Terphenyl-d14	20.24	244	1130147	1.74	ng	0.00
Target Compounds						
22) Pentachlorophenol	17.32	266	122	0.133	ng	Qvalue # 64

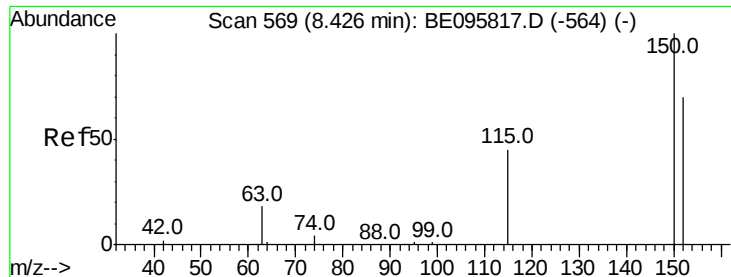
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Operator : SJ/JU
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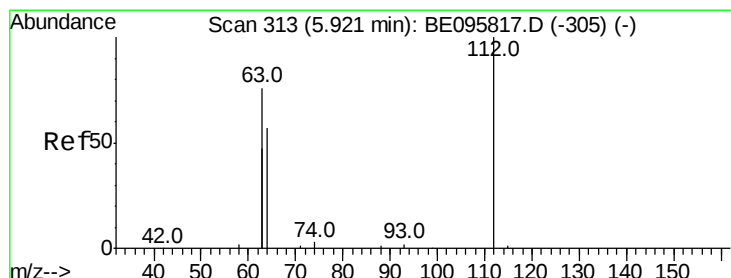
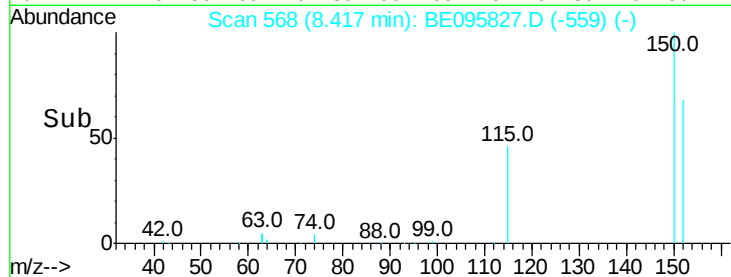
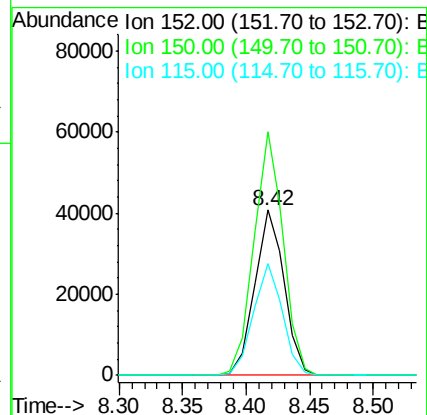
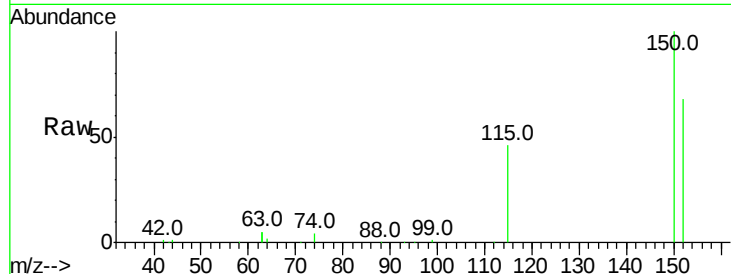


#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.42 min Scan# 568
Delta R.T. -0.01 min
Lab File: BE095827.D
Acq: 23 Mar 2018 17:37

Instrument :
BNA_E
ClientSampleId :

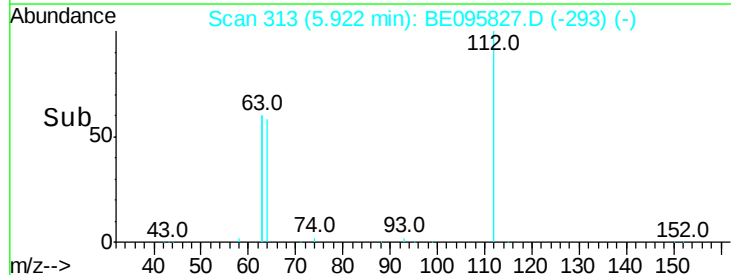
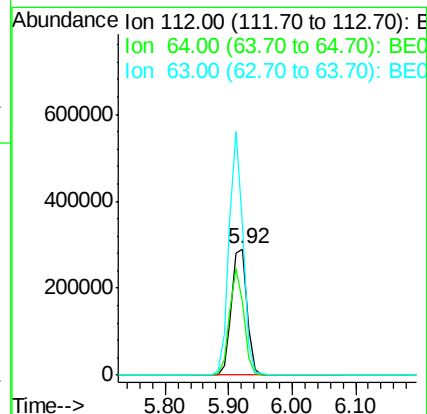
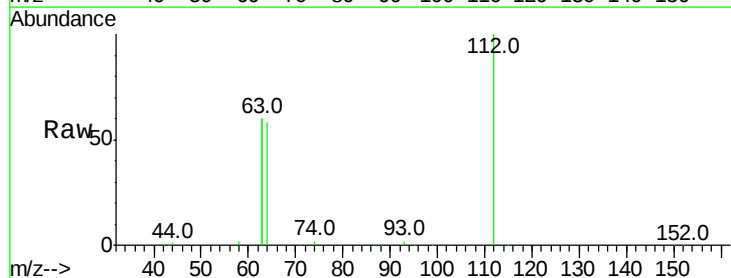
Tot Ion:152 Resp: 65300
Ion Ratio Lower Upper
152 100
150 147.6 117.2 175.8
115 67.9 57.0 85.6

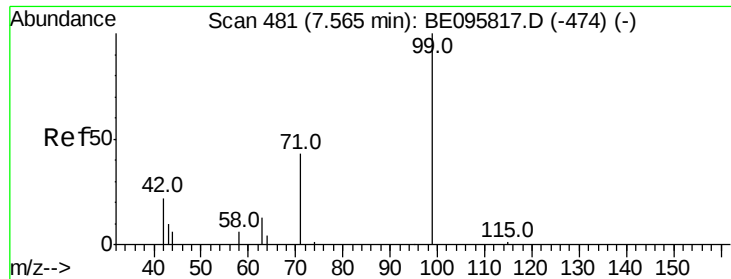


#4

2-Fluorophenol
Concen: 2.291 ng
RT: 5.92 min Scan# 313
Delta R.T. 0.00 min
Lab File: BE095827.D
Acq: 23 Mar 2018 17:37

Tgt Ion:112 Resp: 493221
Ion Ratio Lower Upper
112 100
64 77.1 60.1 90.1
63 173.4 116.8 175.2





#5

Phenol-d6

Concen: 2.297 ng

RT: 7.57 min Scan# 481

Delta R.T. 0.00 min

Lab File: BE095827.D

Acq: 23 Mar 2018 17:37

Instrument :

BNA_E

ClientSampled :

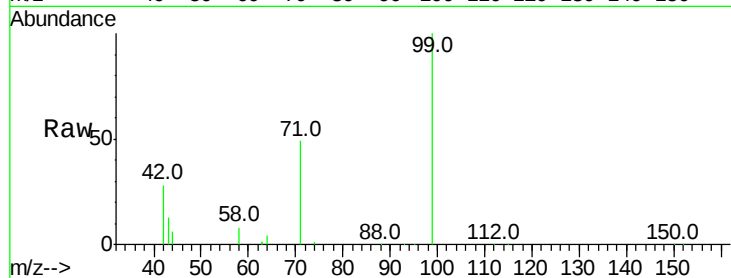
Tot Ion: 99 Resp: 679805

Ion Ratio Lower Upper

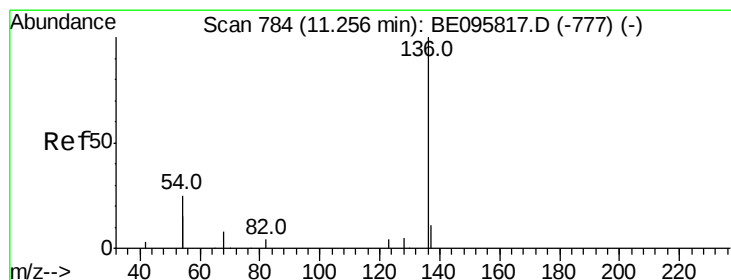
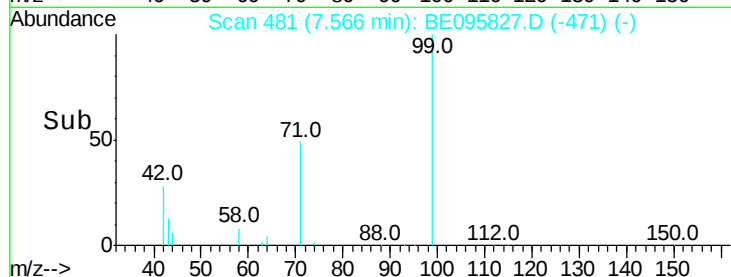
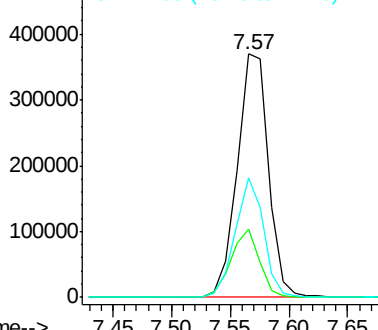
99 100

42 25.7 20.2 30.2

71 44.8 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: BE095827.D

Acq: 23 Mar 2018 17:37

Tgt Ion:136 Resp: 233110

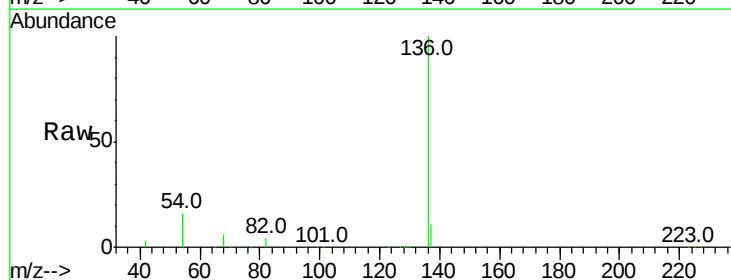
Ion Ratio Lower Upper

136 100

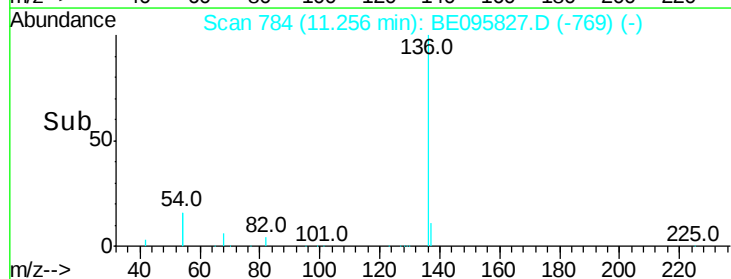
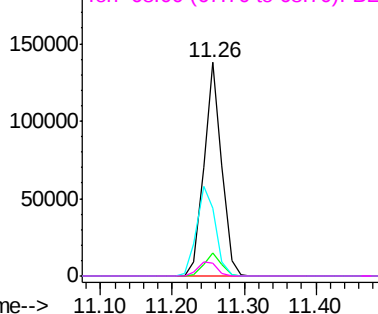
137 10.9 9.5 14.3

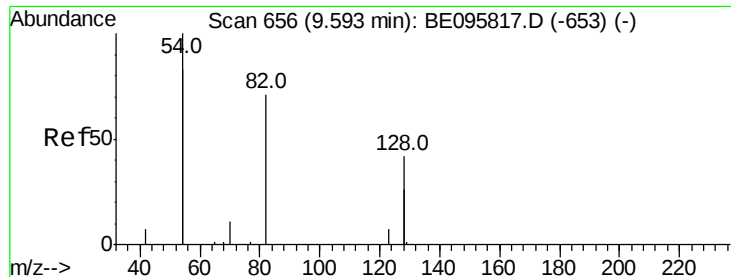
54 31.9 29.1 43.7

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

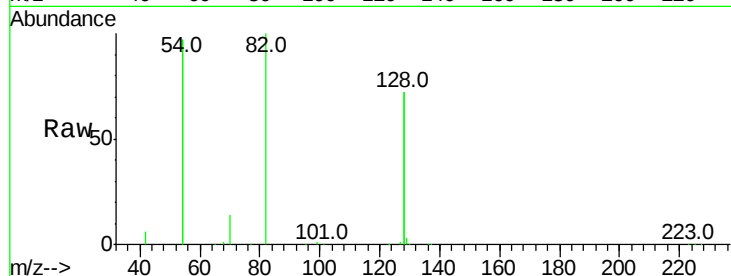




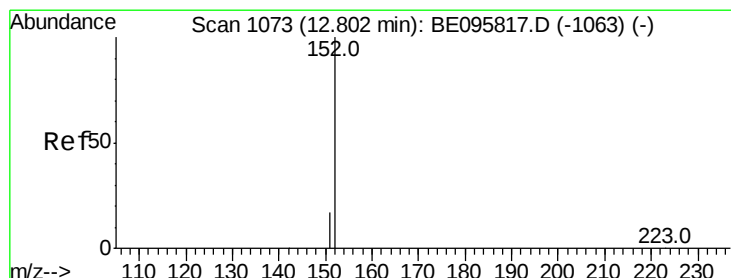
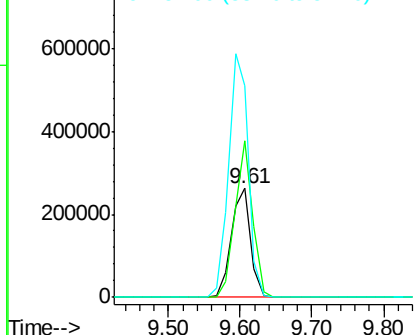
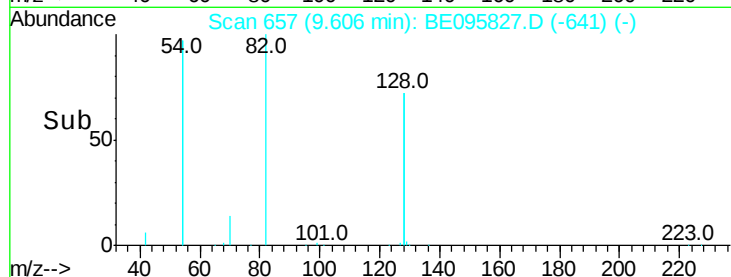
#8
 Nitrobenzene-d5
 Concen: 1.753 ng
 RT: 9.61 min Scan# 657
 Delta R.T. 0.01 min
 Lab File: BE095827.D
 Acq: 23 Mar 2018 17:37

Instrument :
 BNA_E
 ClientSampled :

Tot Ion: 82 Resp: 482706
 Ion Ratio Lower Upper
 82 100
 128 143.8 150.0 225.0#
 54 194.6 154.2 231.4

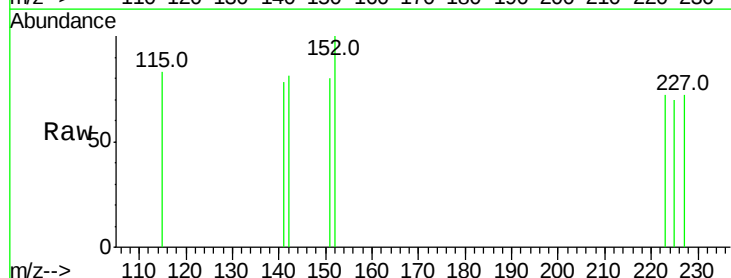


Abundance Ion 82.00 (81.70 to 82.70): BE0
 Ion 128.00 (127.70 to 128.70): BE0
 Ion 54.00 (53.70 to 54.70): BE0

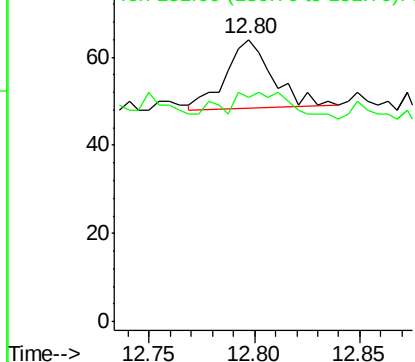
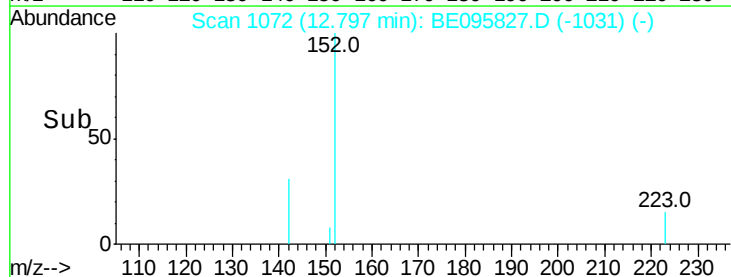


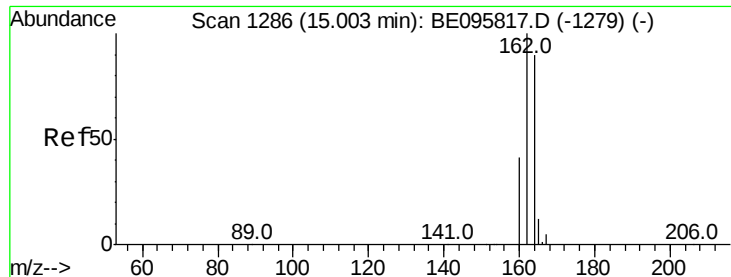
#11
 2-Methylnaphthalene-d10
 Concen: 0.000 ng
 RT: 12.80 min Scan# 1072
 Delta R.T. -0.00 min
 Lab File: BE095827.D
 Acq: 23 Mar 2018 17:37

Tgt Ion: 152 Resp: 24
 Ion Ratio Lower Upper
 152 100
 151 54.2 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: BE095827.D

Acq: 23 Mar 2018 17:37

Instrument :

BNA_E

ClientSampled :

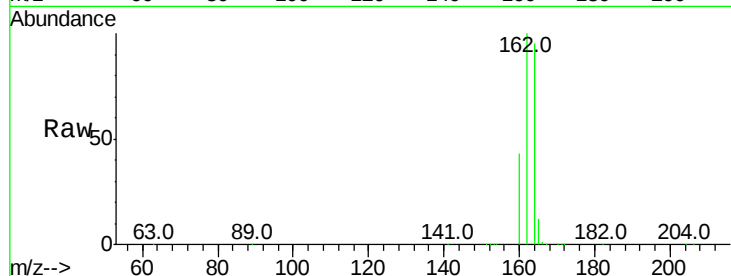
Tot Ion:164 Resp: 125638

Ion Ratio Lower Upper

164 100

162 105.5 83.1 124.7

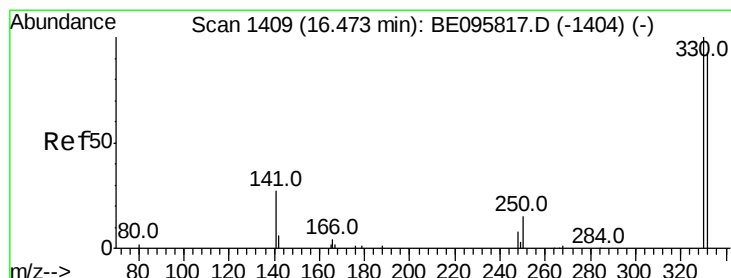
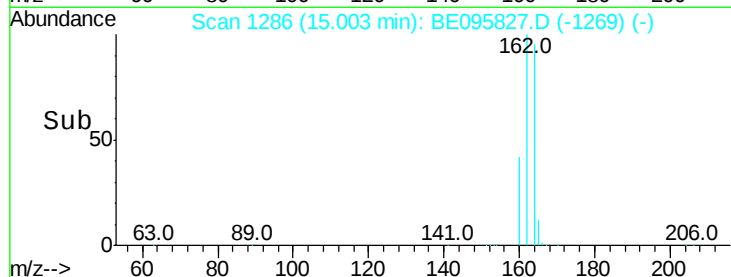
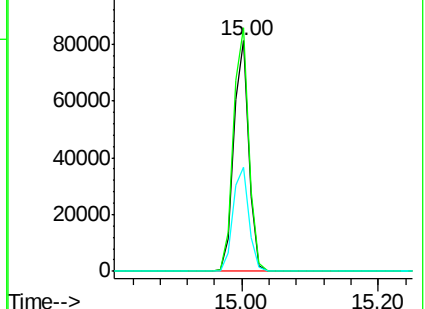
160 44.9 37.1 55.7



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: 2.510 ng

RT: 16.47 min Scan# 1409

Delta R.T. -0.00 min

Lab File: BE095827.D

Acq: 23 Mar 2018 17:37

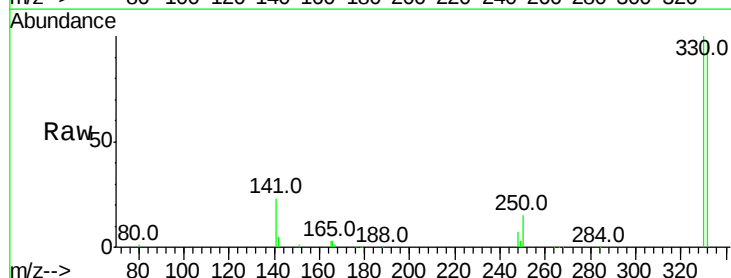
Tgt Ion:330 Resp: 181955

Ion Ratio Lower Upper

330 100

332 96.5 152.7 229.1#

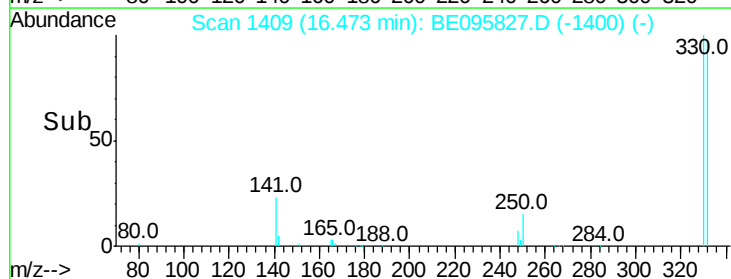
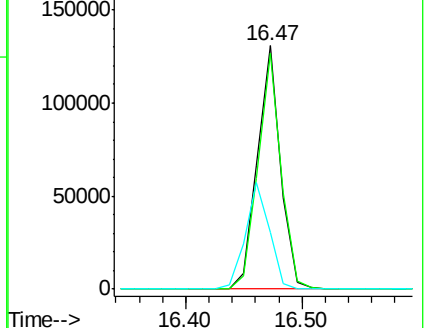
141 45.5 33.7 50.5

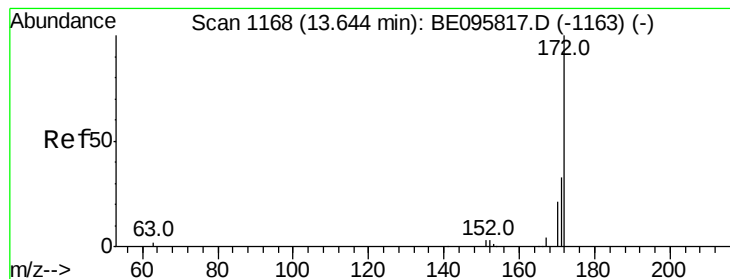


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 1.587 ng

RT: 13.64 min Scan# 1168

Delta R.T. -0.00 min

Lab File: BE095827.D

Acq: 23 Mar 2018 17:37

Instrument :

BNA_E

ClientSampleId :

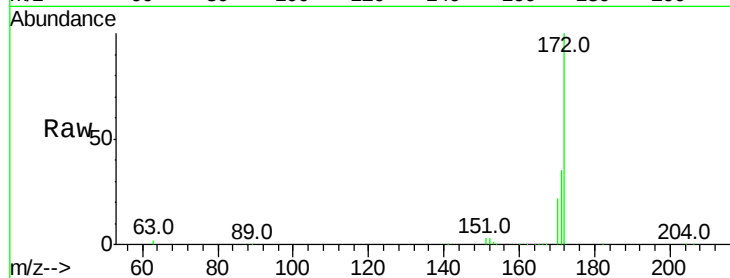
Tot Ion:172 Resp: 840453

Ion Ratio Lower Upper

172 100

171 35.1 29.9 44.9

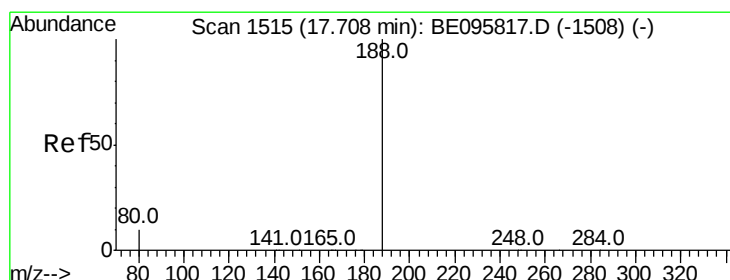
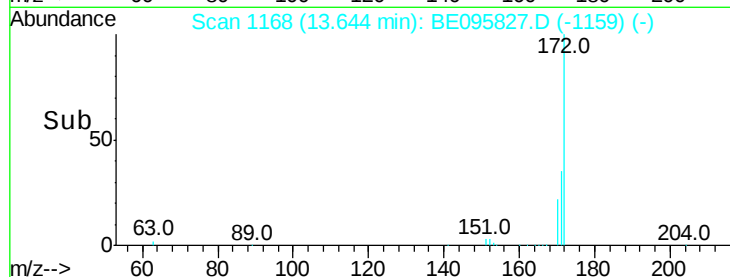
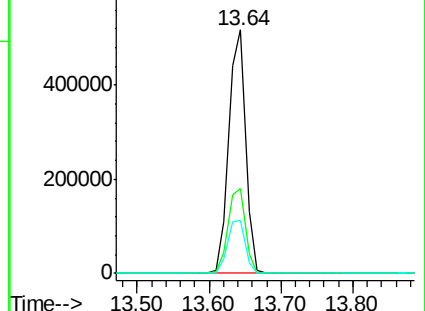
170 21.5 21.8 32.8#



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# 1515

Delta R.T. -0.00 min

Lab File: BE095827.D

Acq: 23 Mar 2018 17:37

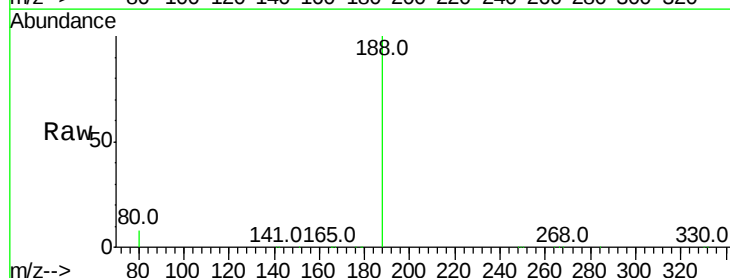
Tgt Ion:188 Resp: 281778

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

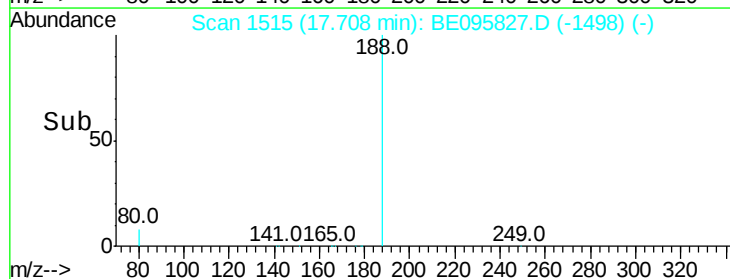
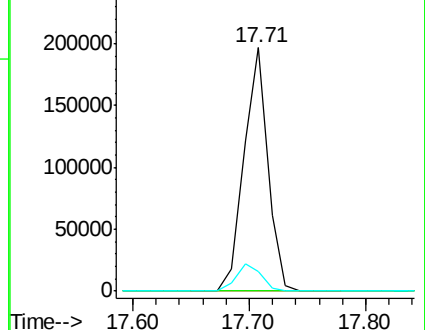
80 8.2 3.6 5.4#

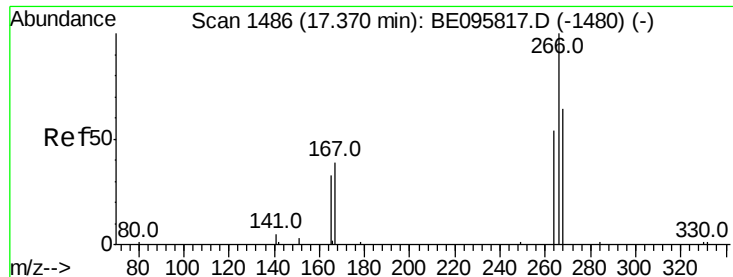


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0

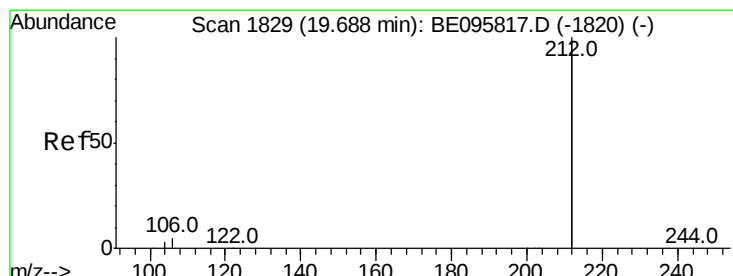
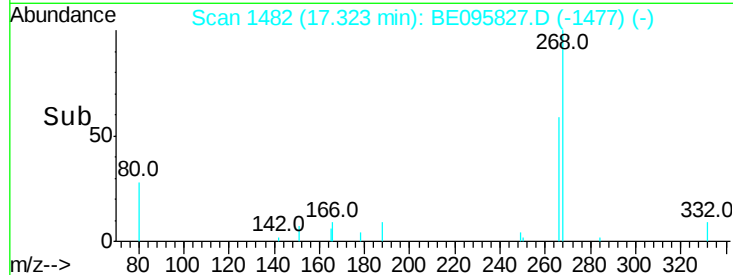
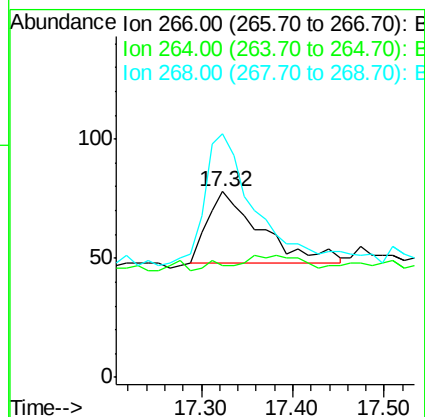
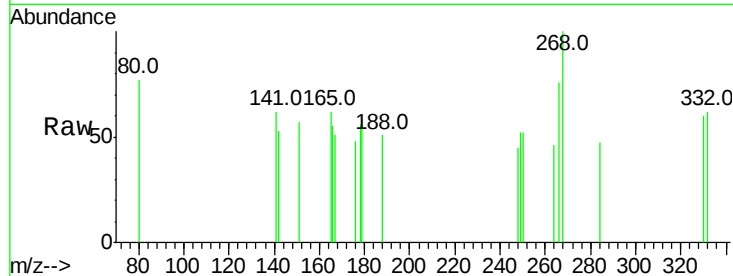




#22
 Pentachlorophenol
 Concen: 0.133 ng
 RT: 17.32 min Scan# 1482
 Delta R.T. -0.05 min
 Lab File: BE095827.D
 Acq: 23 Mar 2018 17:37

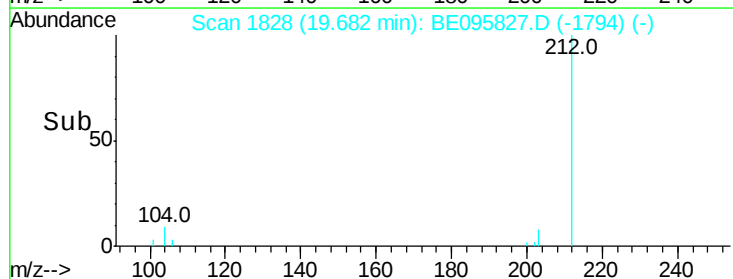
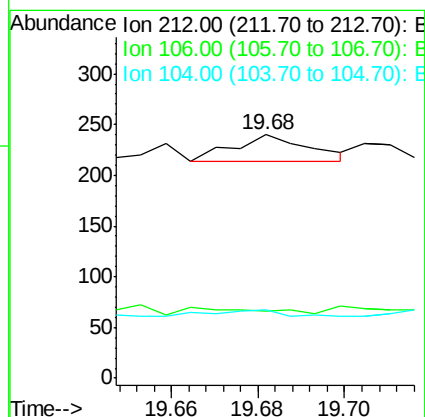
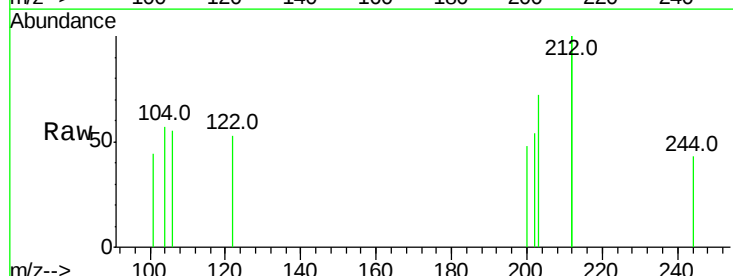
Instrument :
 BNA_E
 ClientSampleId :

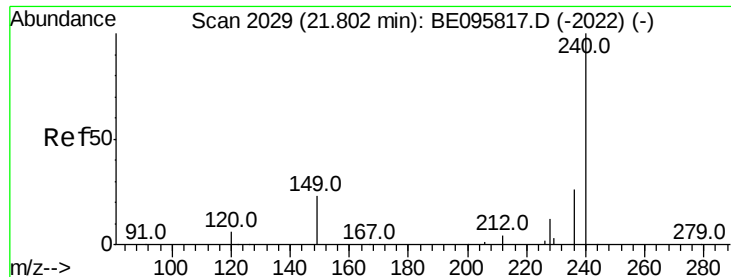
Tot Ion:266 Resp: 122
 Ion Ratio Lower Upper
 266 100
 264 60.3 72.5 108.7#
 268 130.8 73.8 110.6#



#25
 Fluoranthene-d10
 Concen: 0.000 ng
 RT: 19.68 min Scan# 1828
 Delta R.T. -0.01 min
 Lab File: BE095827.D
 Acq: 23 Mar 2018 17:37

Tgt Ion:212 Resp: 31
 Ion Ratio Lower Upper
 212 100
 106 29.0 2.8 4.2#
 104 22.6 1.6 2.4#





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.80 min Scan# 2029

Delta R.T. 0.00 min

Lab File: BE095827.D

Acq: 23 Mar 2018 17:37

Instrument :

BNA_E

ClientSampleId :

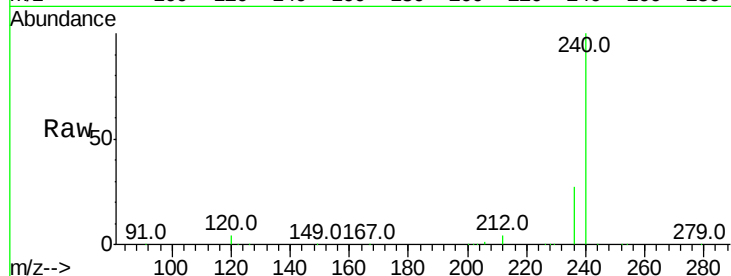
Tot Ion:240 Resp: 305857

Ion Ratio Lower Upper

240 100

120 4.4 5.5 8.3#

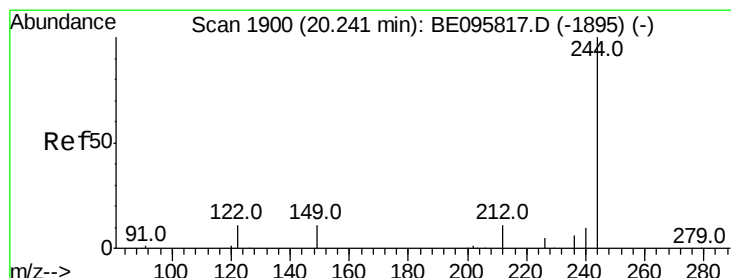
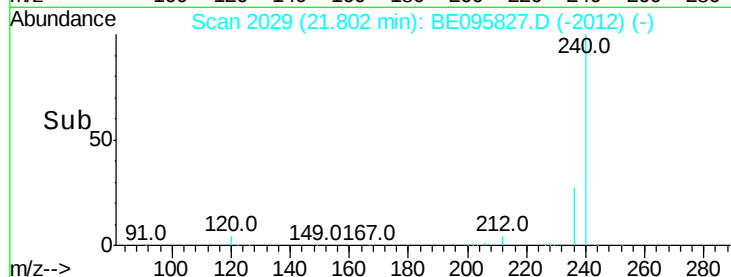
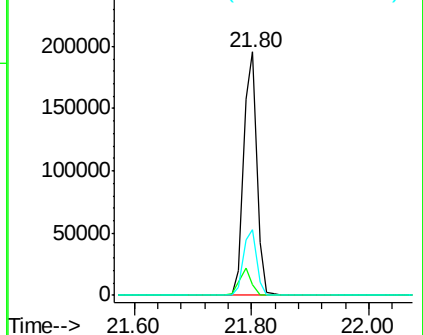
236 26.8 20.7 31.1



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: 1.740 ng

RT: 20.24 min Scan# 1900

Delta R.T. 0.00 min

Lab File: BE095827.D

Acq: 23 Mar 2018 17:37

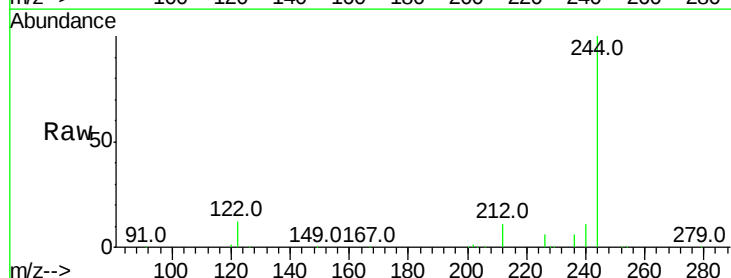
Tgt Ion:244 Resp: 1130147

Ion Ratio Lower Upper

244 100

212 11.3 25.4 38.0#

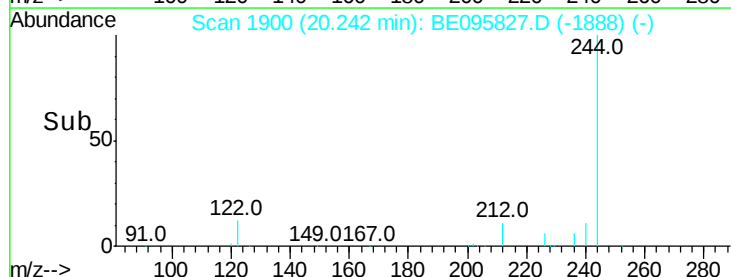
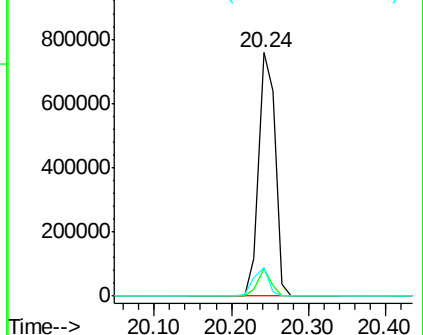
122 11.8 8.1 12.1

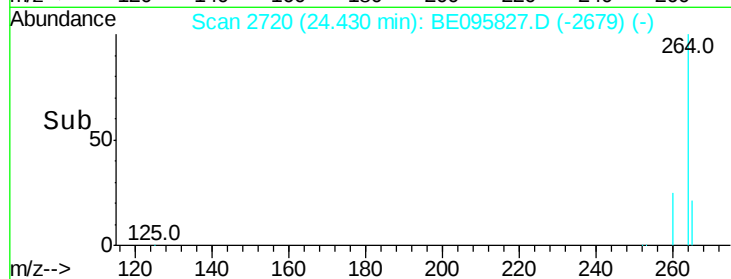
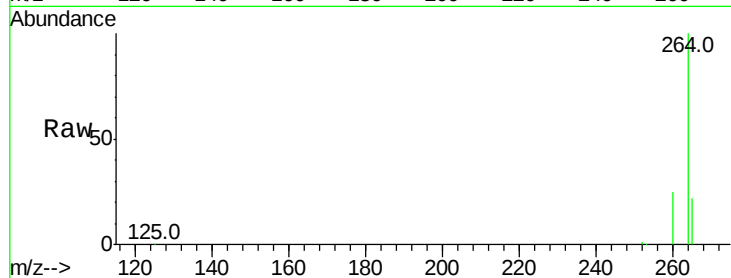
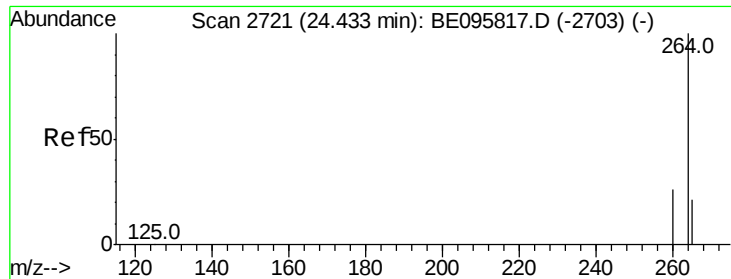


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.43 min Scan# 2720
 Delta R.T. -0.00 min
 Lab File: BE095827.D
 Acq: 23 Mar 2018 17:37

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.3	20.5	30.7
265	21.7	22.8	34.2

