

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE071317\
 Data File : BE093453.D
 Acq On : 13 Jul 2017 10:56
 Operator : SJ/JU
 Sample : I4142-01
 Misc : L00 0.2 PPM
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jul 13 15:20:26 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE070217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 03 06:40:23 2017
 Response via : Initial Calibration

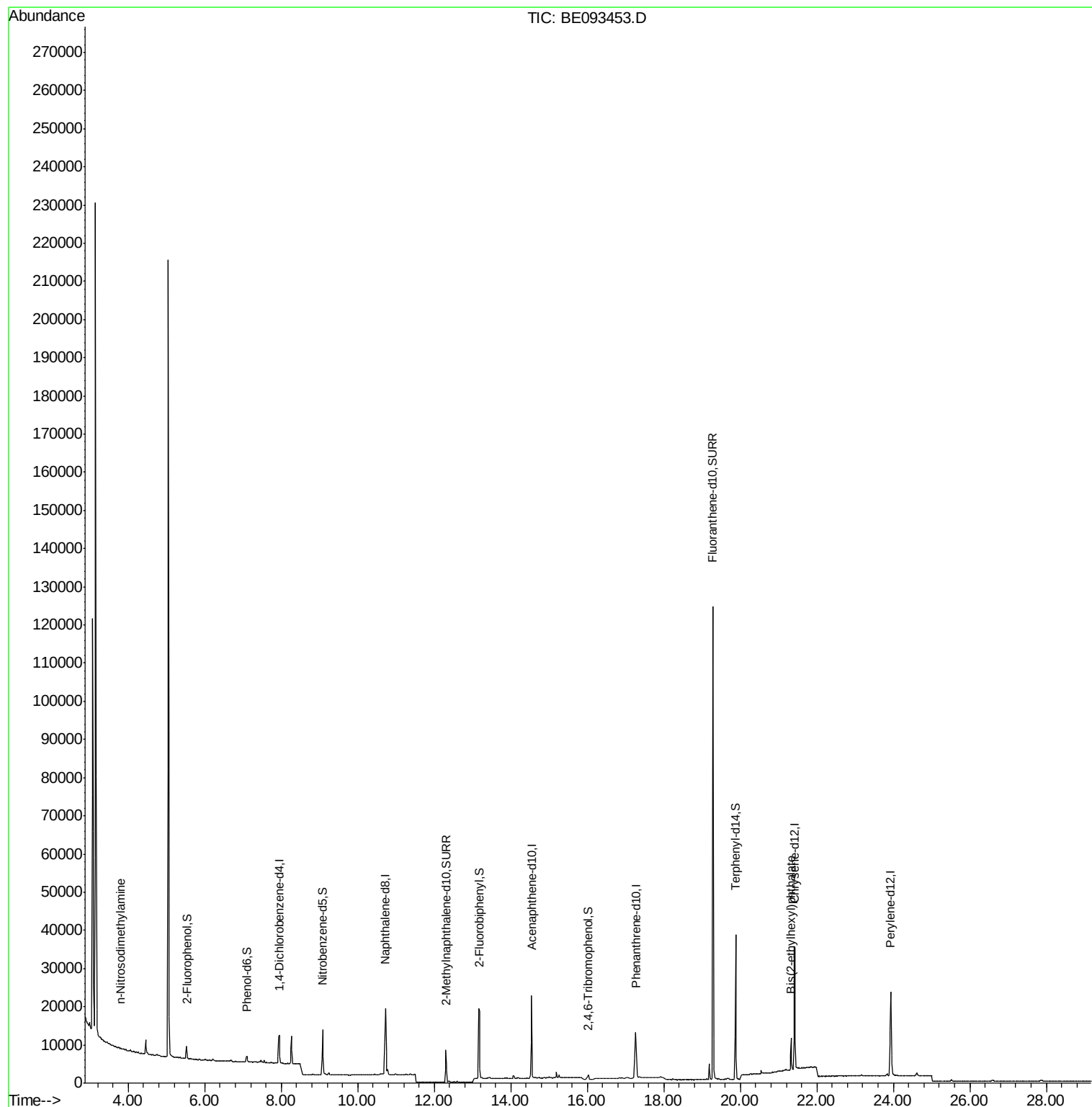
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	4034	0.40	ng	0.00
7) Naphthalene-d8	10.72	136	19655	0.40	ng	0.00
13) Acenaphthene-d10	14.54	164	12413	0.40	ng	0.00
19) Phenanthrene-d10	17.27	188	26418	0.40	ng	0.00
27) Chrysene-d12	21.43	240	38582	0.40	ng	0.00
34) Perylene-d12	23.93	264	33973	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.53	112	1940	0.16	ng	0.00
5) Phenol-d6	7.10	99	1783	0.10	ng	0.00
8) Nitrobenzene-d5	9.08	82	4661	0.37	ng	0.00
11) 2-Methylnaphthalene-d10	12.31	152	11345	0.36	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	974	0.25	ng	0.00
15) 2-Fluorobiphenyl	13.18	172	20799	0.43	ng	0.00
25) Fluoranthene-d10	19.28	212	165431	0.52	ng	0.00
29) Terphenyl-d14	19.87	244	32136	0.47	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.80	42	51	0.133	ng	# 1
22) Pentachlorophenol	16.91	266	84	Below Cal		92
32) Bis(2-ethylhexyl)phthalate	21.33	149	9439	0.063	ng	# 66

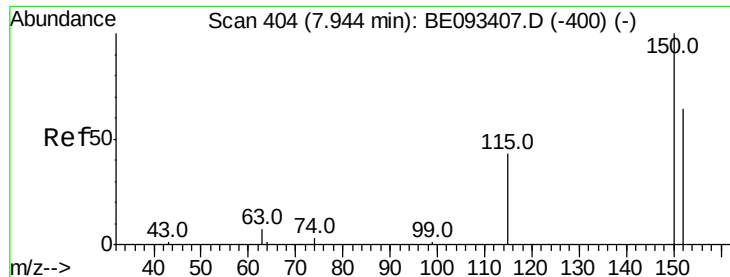
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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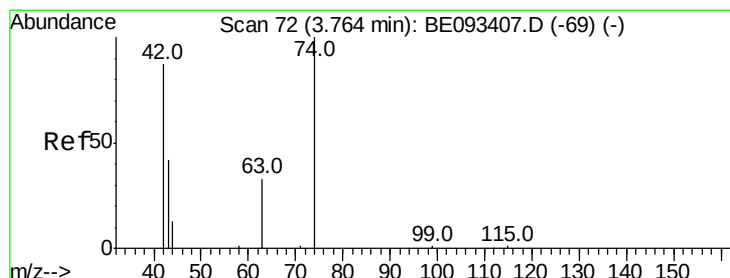
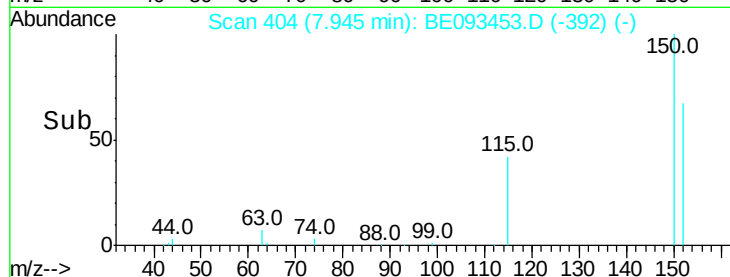
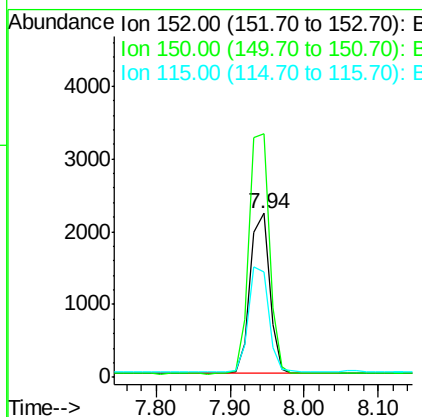
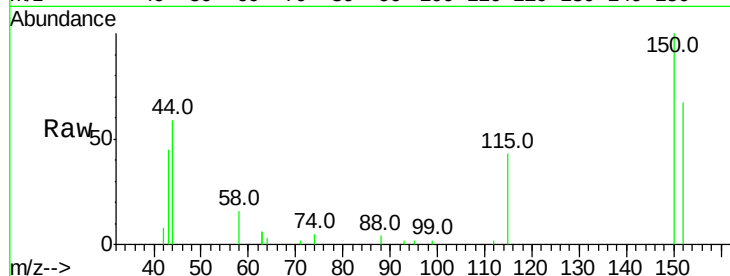


#1

1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.94 min Scan# 404
 Delta R.T. 0.00 min
 Lab File: BE093453.D
 Acq: 13 Jul 2017 10:56

Instrument :
 BNA_E
 ClientSampleId :

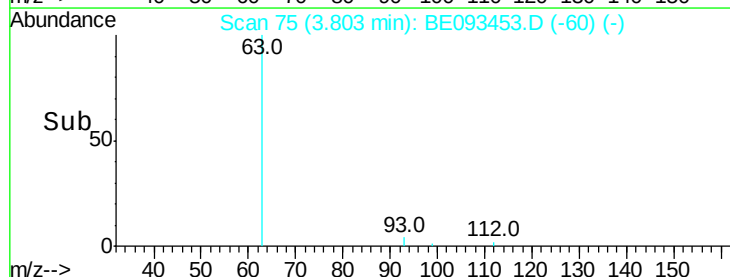
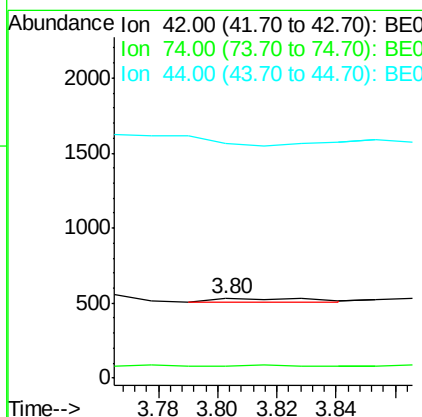
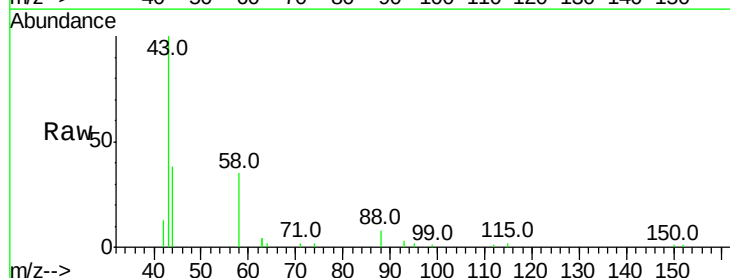
Tot Ion:152 Resp: 4034
 Ion Ratio Lower Upper
 152 100
 150 148.4 125.1 187.7
 115 64.1 55.7 83.5

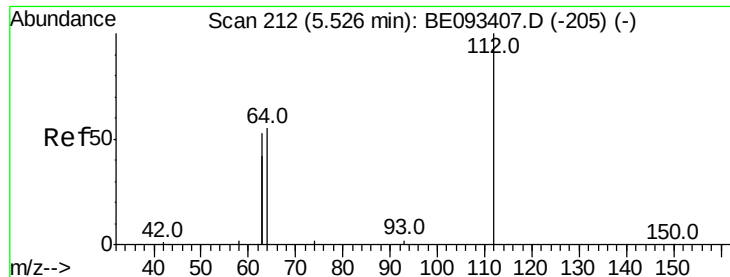


#3

n-Nitrosodimethylamine
 Concen: 0.133 ng
 RT: 3.80 min Scan# 75
 Delta R.T. 0.04 min
 Lab File: BE093453.D
 Acq: 13 Jul 2017 10:56

Tgt Ion: 42 Resp: 51
 Ion Ratio Lower Upper
 42 100
 74 0.0 99.1 148.7#
 44 0.0 7.4 11.2#





#4

2-Fluorophenol

Concen: 0.159 ng

RT: 5.53 min Scan# 212

Delta R.T. 0.00 min

Lab File: BE093453.D

Acq: 13 Jul 2017 10:56

Instrument :

BNA_E

ClientSampleId :

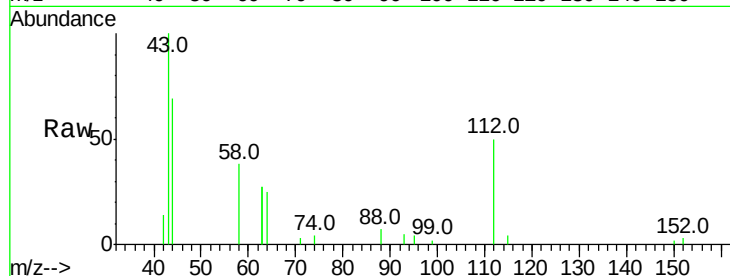
Tot Ion:112 Resp: 1940

Ion Ratio Lower Upper

112 100

64 69.1 56.4 84.6

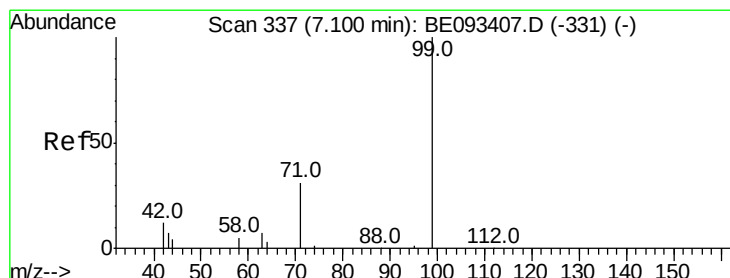
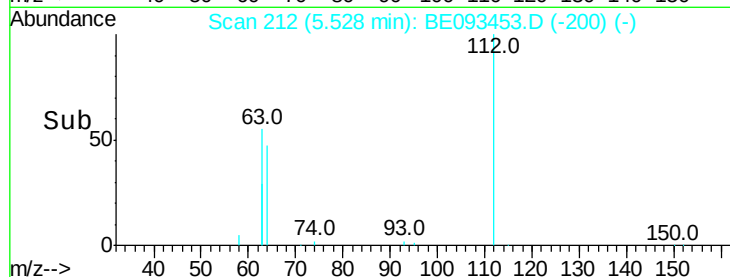
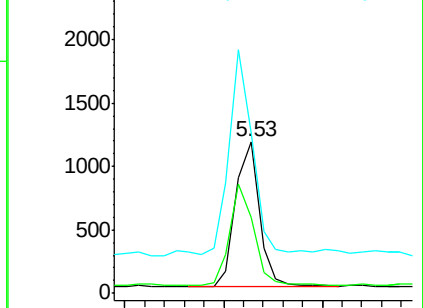
63 138.6 29.3 43.9#



Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



#5

Phenol-d6

Concen: 0.099 ng

RT: 7.10 min Scan# 337

Delta R.T. 0.00 min

Lab File: BE093453.D

Acq: 13 Jul 2017 10:56

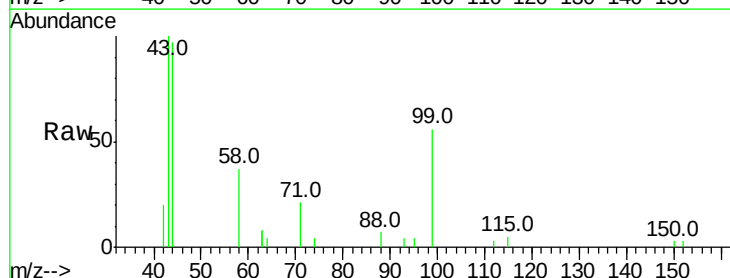
Tgt Ion: 99 Resp: 1783

Ion Ratio Lower Upper

99 100

42 22.6 0.0 0.0#

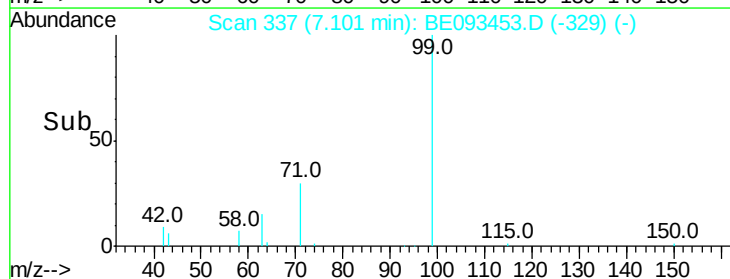
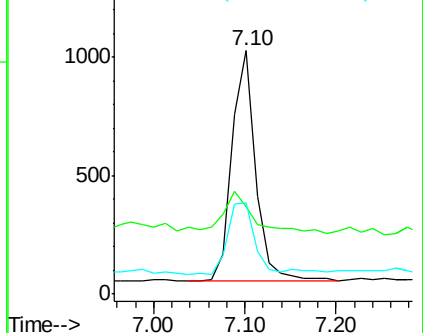
71 33.6 0.0 0.0#

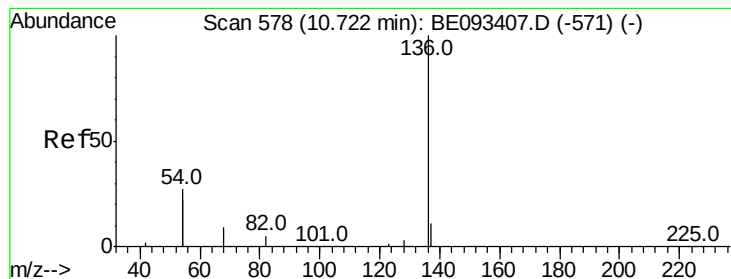


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: 10.72 min Scan# 578

Delta R.T. 0.00 min

Lab File: BE093453.D

Acq: 13 Jul 2017 10:56

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 19655

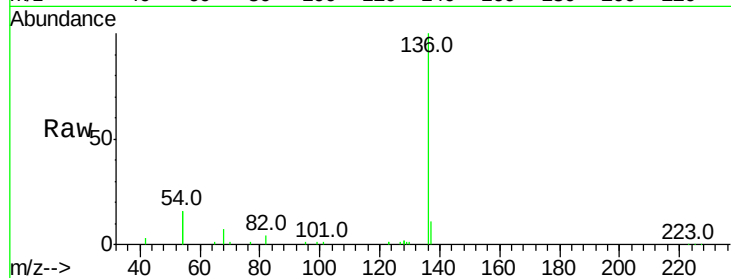
Ion Ratio Lower Upper

136 100

137 11.5 9.8 14.8

54 32.5 10.3 15.5#

68 6.5 9.0 13.4#

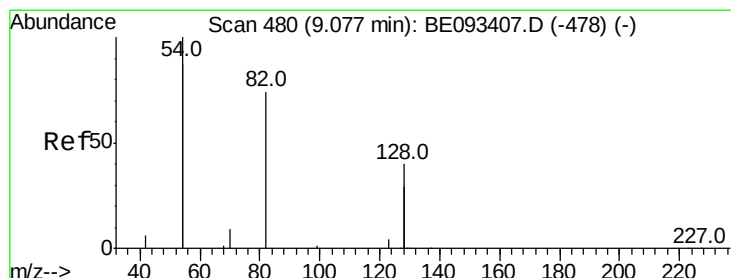
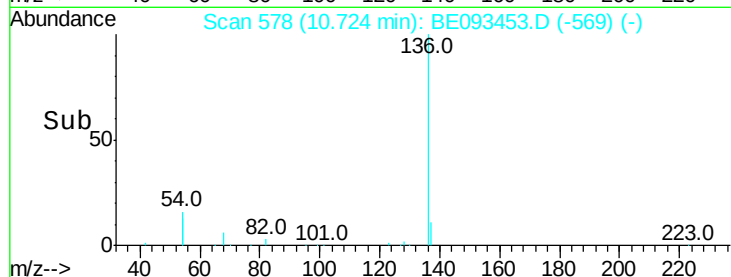
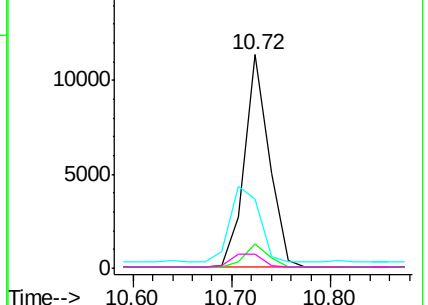


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.371 ng

RT: 9.08 min Scan# 480

Delta R.T. 0.00 min

Lab File: BE093453.D

Acq: 13 Jul 2017 10:56

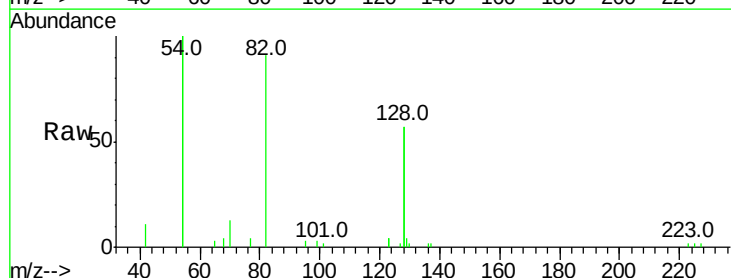
Tgt Ion: 82 Resp: 4661

Ion Ratio Lower Upper

82 100

128 124.6 17.0 25.4#

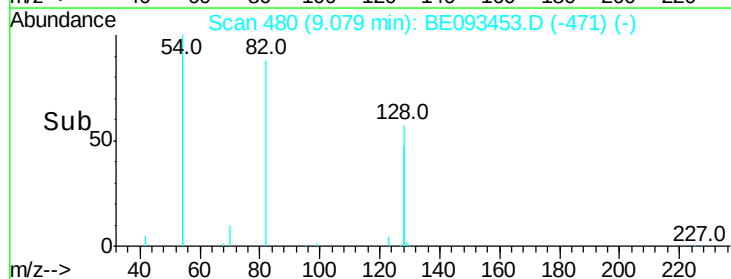
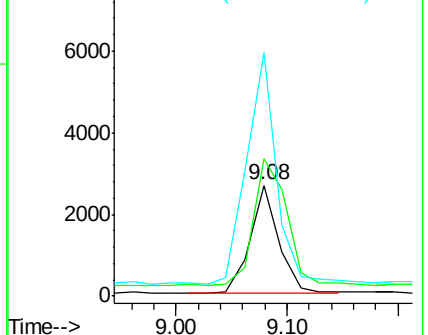
54 220.1 53.8 80.6#

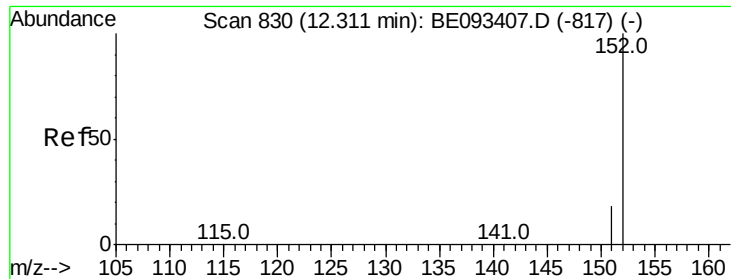


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

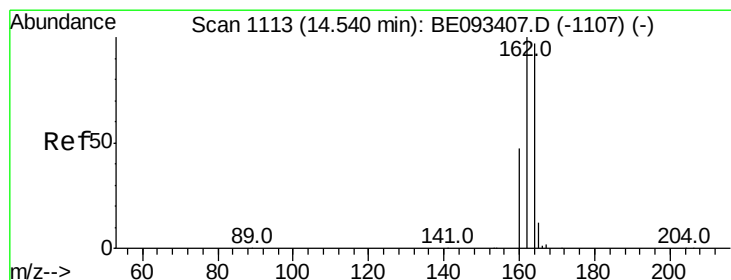
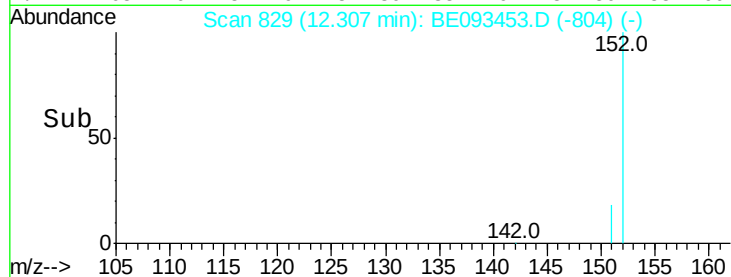
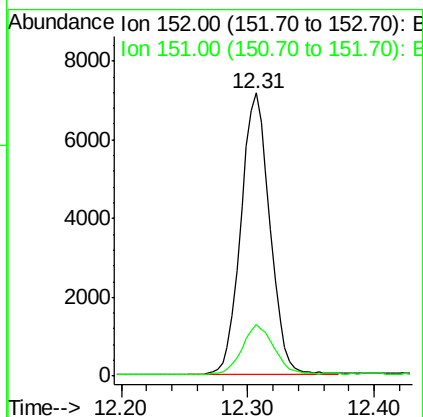
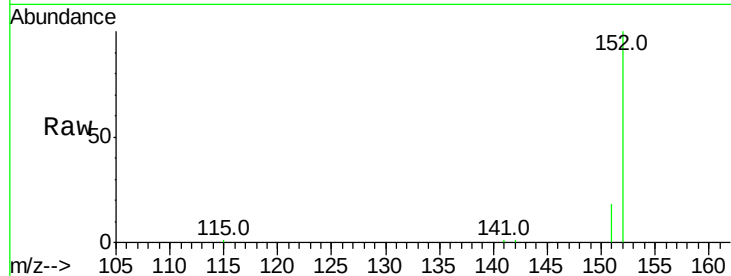




#11
 2-Methylnaphthalene-d10
 Concen: 0.362 ng
 RT: 12.31 min Scan# 829
 Delta R.T. -0.00 min
 Lab File: BE093453.D
 Acq: 13 Jul 2017 10:56

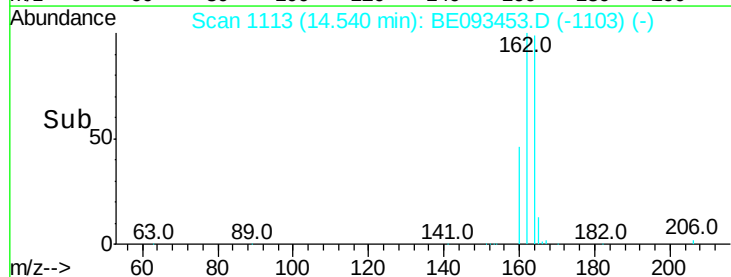
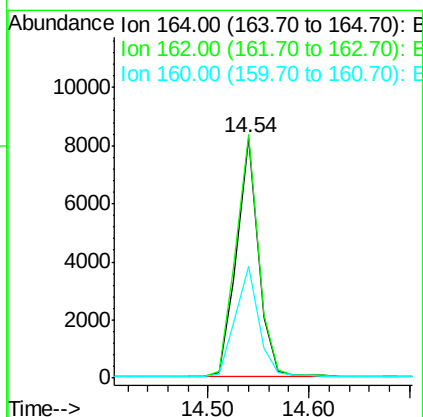
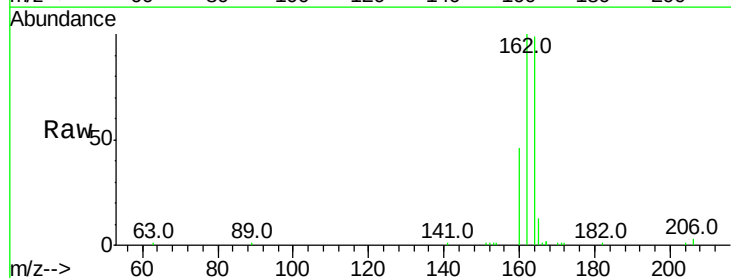
Instrument :
 BNA_E
 ClientSampleId :

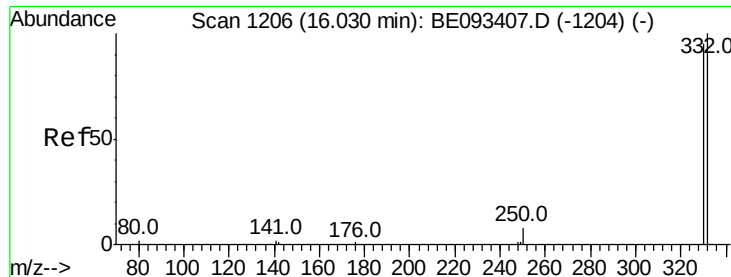
Tot Ion:152 Resp: 11345
 Ion Ratio Lower Upper
 152 100
 151 18.8 15.1 22.7



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.54 min Scan# 1113
 Delta R.T. 0.00 min
 Lab File: BE093453.D
 Acq: 13 Jul 2017 10:56

Tgt Ion:164 Resp: 12413
 Ion Ratio Lower Upper
 164 100
 162 101.5 84.6 127.0
 160 46.7 41.8 62.6





#14

2,4,6-Tribromophenol

Concen: 0.250 ng

RT: 16.03 min Scan# 1206

Delta R.T. -0.00 min

Lab File: BE093453.D

Acq: 13 Jul 2017 10:56

Instrument :

BNA_E

ClientSampleId :

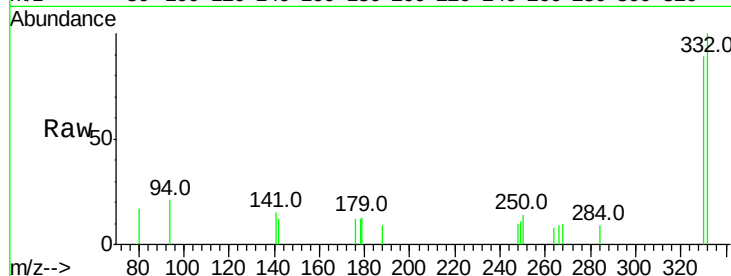
Tot Ion:330 Resp: 974

Ion Ratio Lower Upper

330 100

332 109.7 77.7 116.5

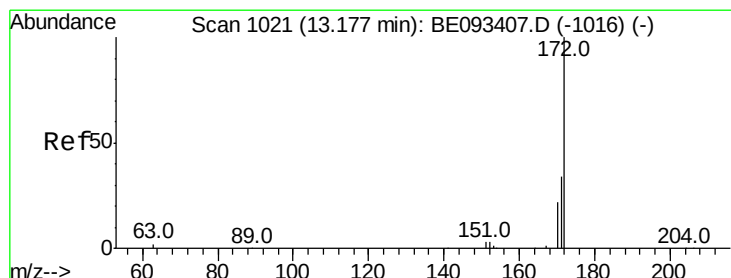
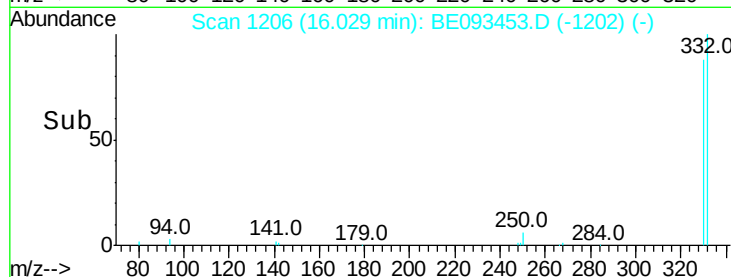
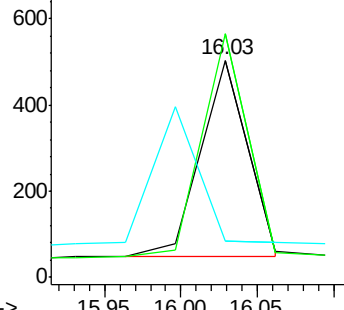
141 0.0 56.2 84.4#



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: 0.432 ng

RT: 13.18 min Scan# 1021

Delta R.T. 0.00 min

Lab File: BE093453.D

Acq: 13 Jul 2017 10:56

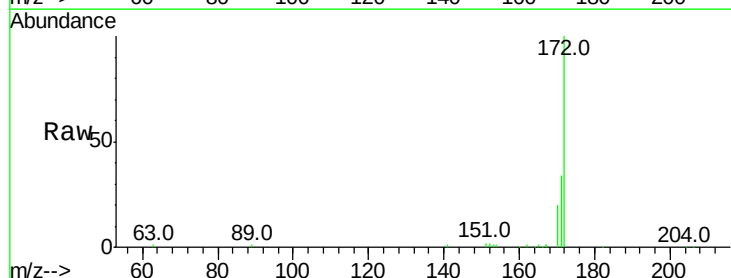
Tgt Ion:172 Resp: 20799

Ion Ratio Lower Upper

172 100

171 33.5 29.8 44.6

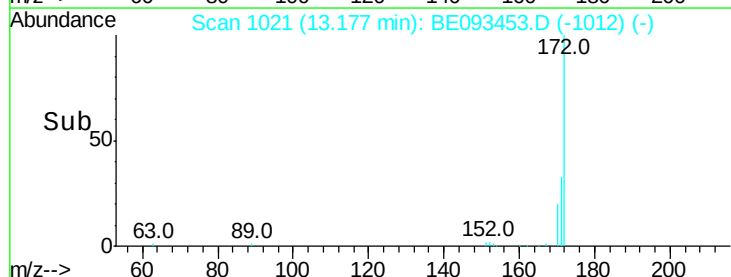
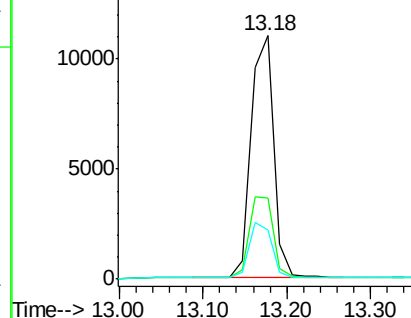
170 20.3 20.7 31.1#

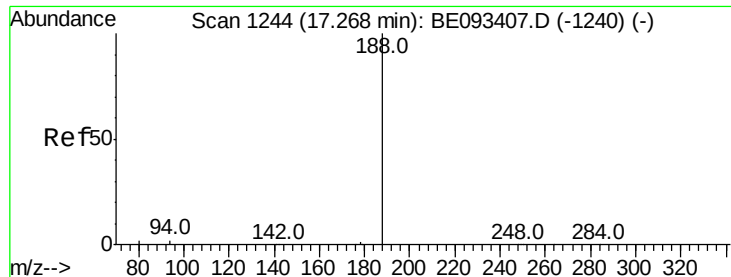


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

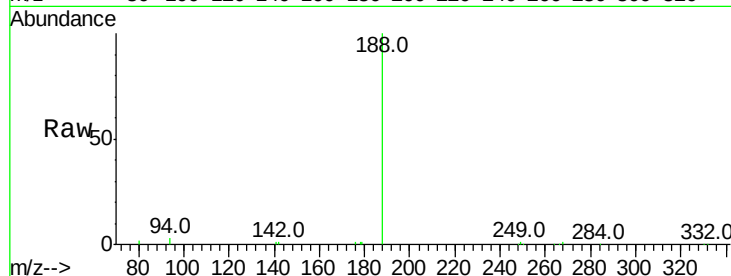




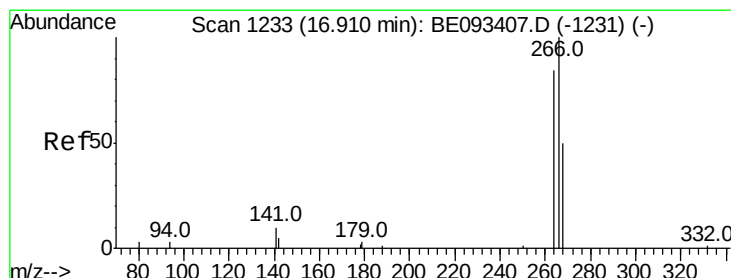
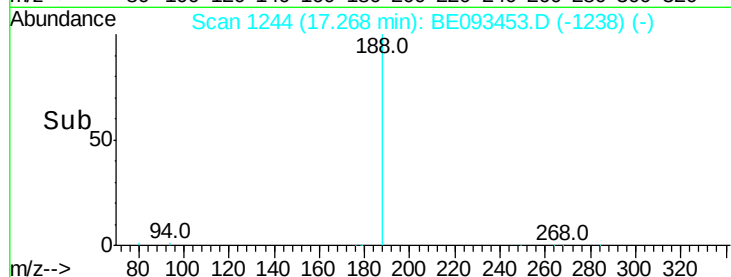
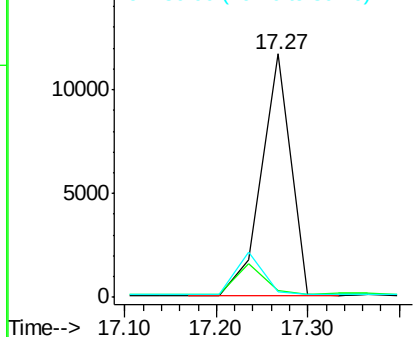
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.27 min Scan# 1244
Delta R.T. -0.00 min
Lab File: BE093453.D
Acq: 13 Jul 2017 10:56

Instrument :
BNA_E
ClientSampleId :

Tot Ion:188 Resp: 26418
Ion Ratio Lower Upper
188 100
94 2.7 11.3 16.9#
80 2.2 11.7 17.5#

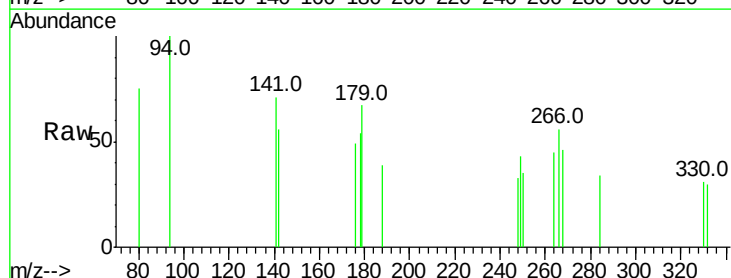


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BE0
Ion 80.00 (79.70 to 80.70): BE0

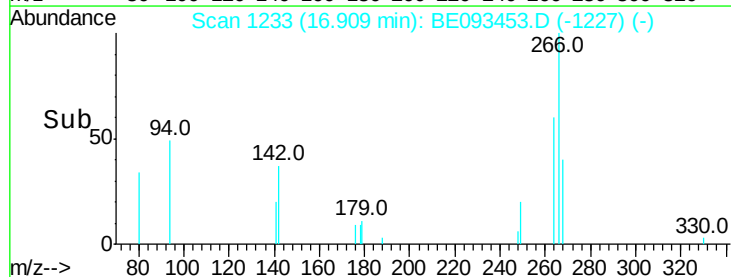
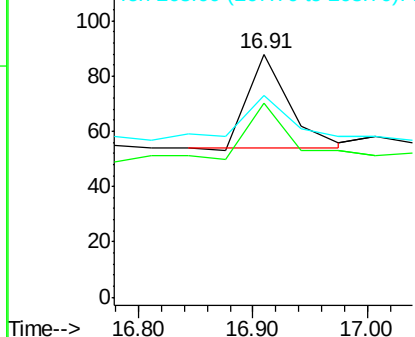


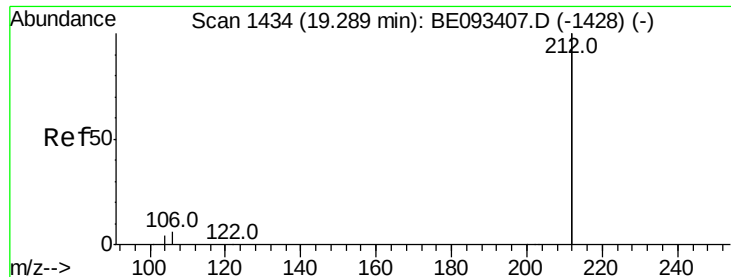
#22
Pentachlorophenol
Concen: Below Cal
RT: 16.91 min Scan# 1233
Delta R.T. 0.00 min
Lab File: BE093453.D
Acq: 13 Jul 2017 10:56

Tgt Ion:266 Resp: 84
Ion Ratio Lower Upper
266 100
264 79.5 58.2 87.2
268 83.0 71.9 107.9



Abundance Ion 266.00 (265.70 to 266.70): E
Ion 264.00 (263.70 to 264.70): E
Ion 268.00 (267.70 to 268.70): E

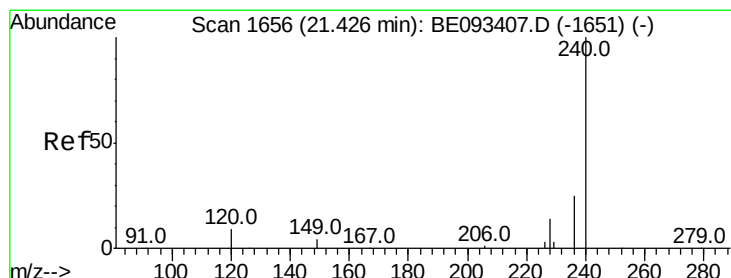
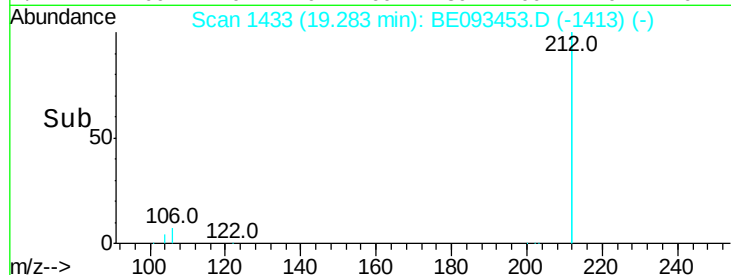
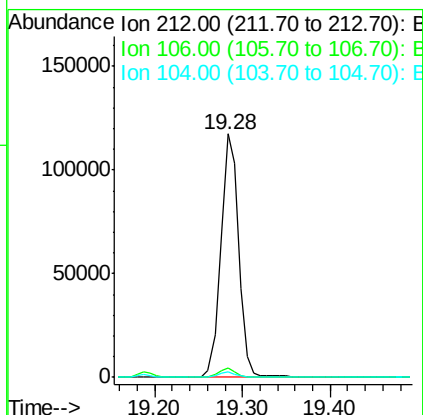
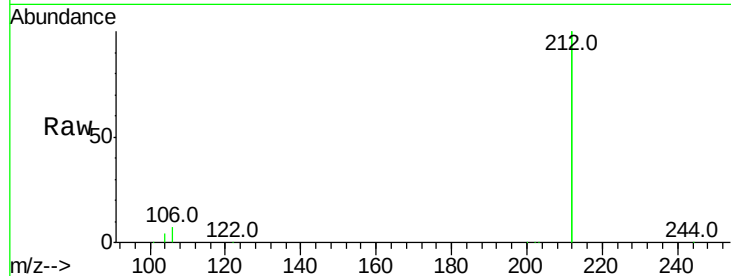




#25
 Fluoranthene-d10
 Concen: 0.519 ng
 RT: 19.28 min Scan# 1433
 Delta R.T. -0.01 min
 Lab File: BE093453.D
 Acq: 13 Jul 2017 10:56

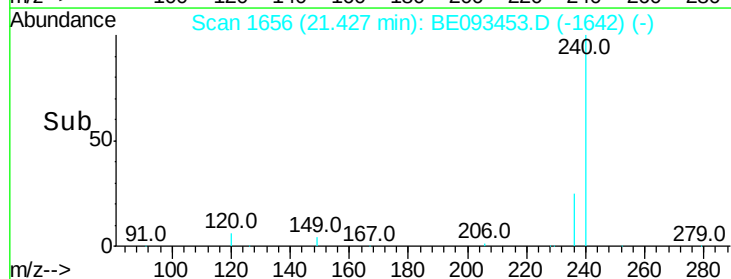
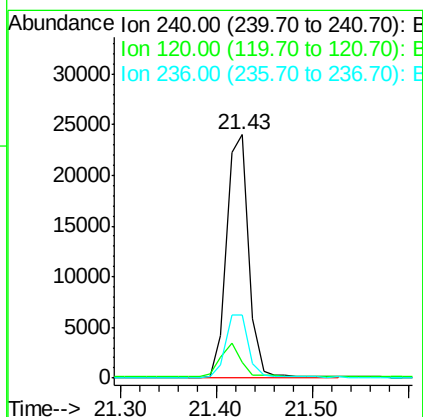
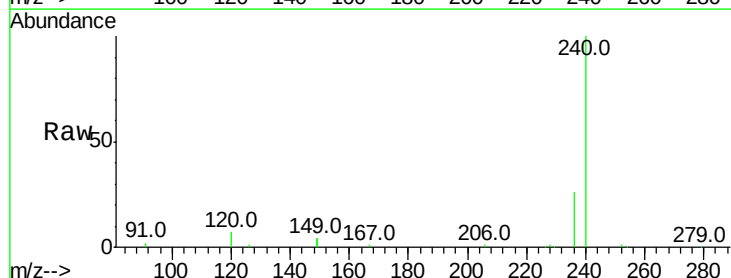
Instrument :
 BNA_E
 ClientSampleId :

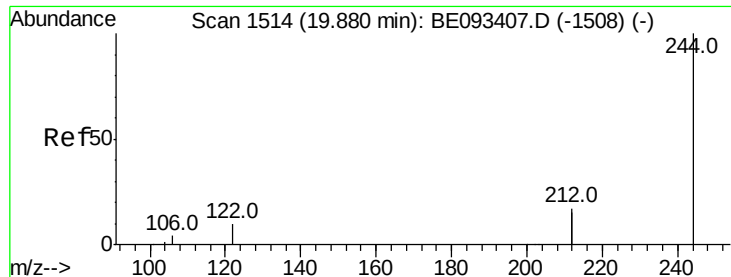
Tot Ion:212 Resp: 165431
 Ion Ratio Lower Upper
 212 100
 106 3.6 2.4 3.6
 104 2.1 1.6 2.4



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.43 min Scan# 1656
 Delta R.T. 0.00 min
 Lab File: BE093453.D
 Acq: 13 Jul 2017 10:56

Tgt Ion:240 Resp: 38582
 Ion Ratio Lower Upper
 240 100
 120 6.7 4.6 7.0
 236 25.7 20.8 31.2





#29

Terphenyl-d14

Concen: 0.466 ng

RT: 19.87 min Scan# 1513

Delta R.T. -0.01 min

Lab File: BE093453.D

Acq: 13 Jul 2017 10:56

Instrument :

BNA_E

ClientSampleId :

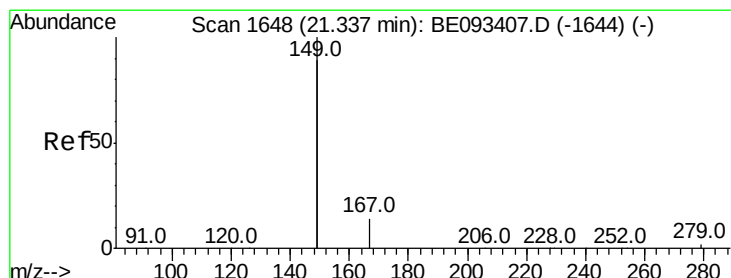
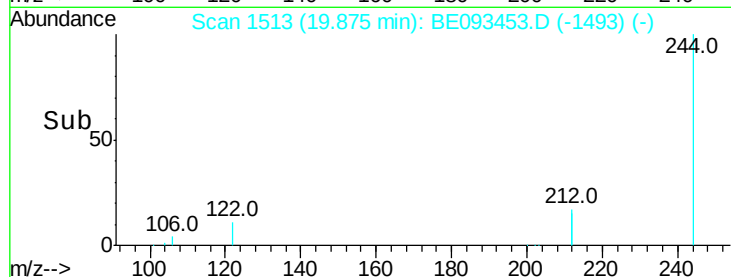
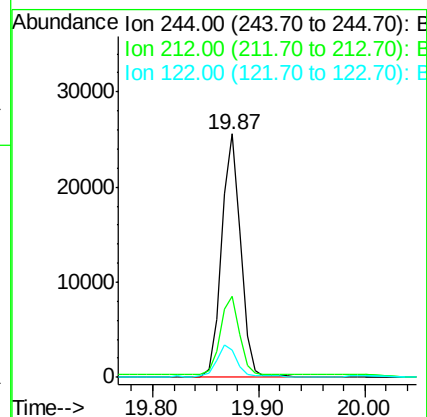
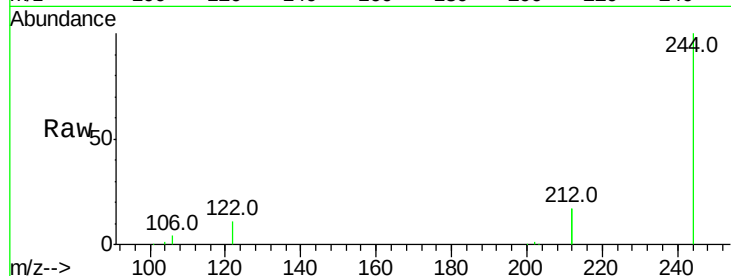
Tot Ion:244 Resp: 32136

Ion Ratio Lower Upper

244 100

212 33.2 10.6 16.0#

122 11.4 15.4 23.0#



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.063 ng

RT: 21.33 min Scan# 1647

Delta R.T. -0.01 min

Lab File: BE093453.D

Acq: 13 Jul 2017 10:56

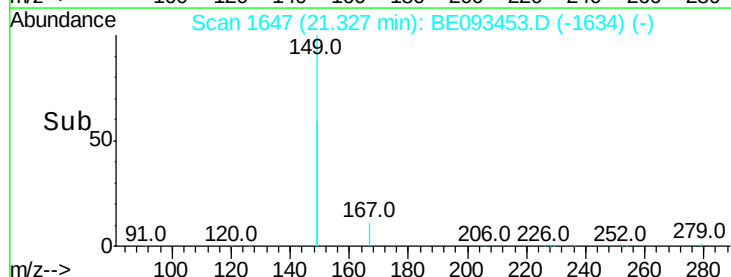
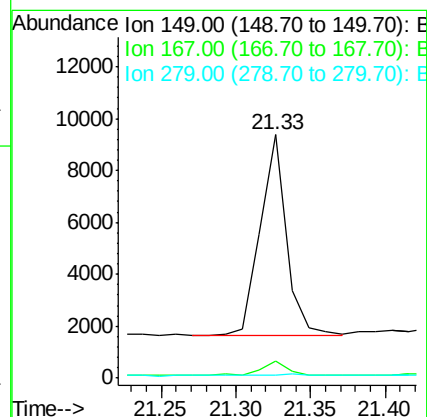
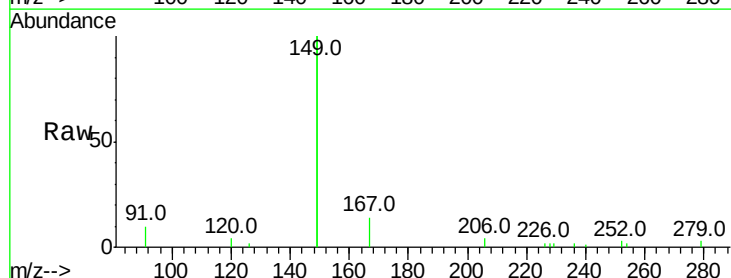
Tgt Ion:149 Resp: 9439

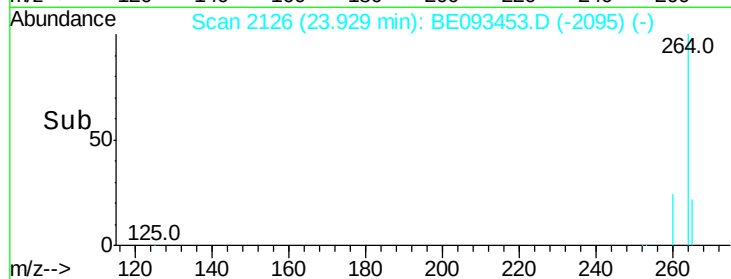
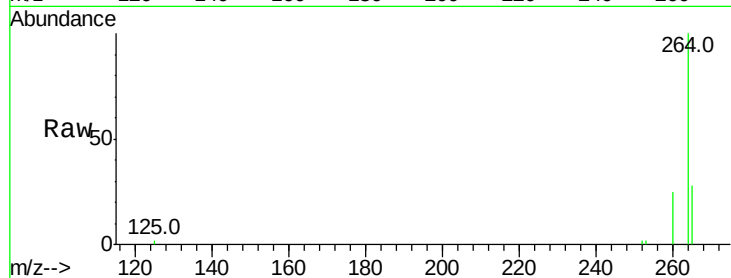
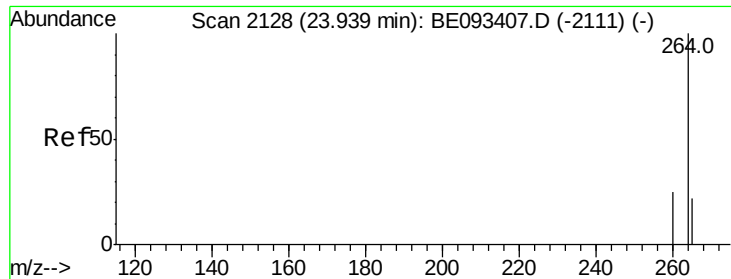
Ion Ratio Lower Upper

149 100

167 6.5 20.1 30.1#

279 0.9 2.2 3.4#





#34

Pervlene-d12

Concen: 0.400 ng

RT: 23.93 min Scan# 2126

Delta R.T. -0.01 min

Lab File: BE093453.D

Acq: 13 Jul 2017 10:56

Instrument :

BNA_E

ClientSampleId :

Tot Ion:264 Resp: 33973

Ion Ratio Lower Upper

264 100

260 24.6 21.0 31.4

265 27.9 24.6 36.8

