

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE071417\
 Data File : BE093467.D
 Acq On : 14 Jul 2017 12:15
 Operator : SJ/JU
 Sample : I4153-02
 Misc : L00 0.2 PPM
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 MW-34S-20170711

Quant Time: Jul 17 01:26:58 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

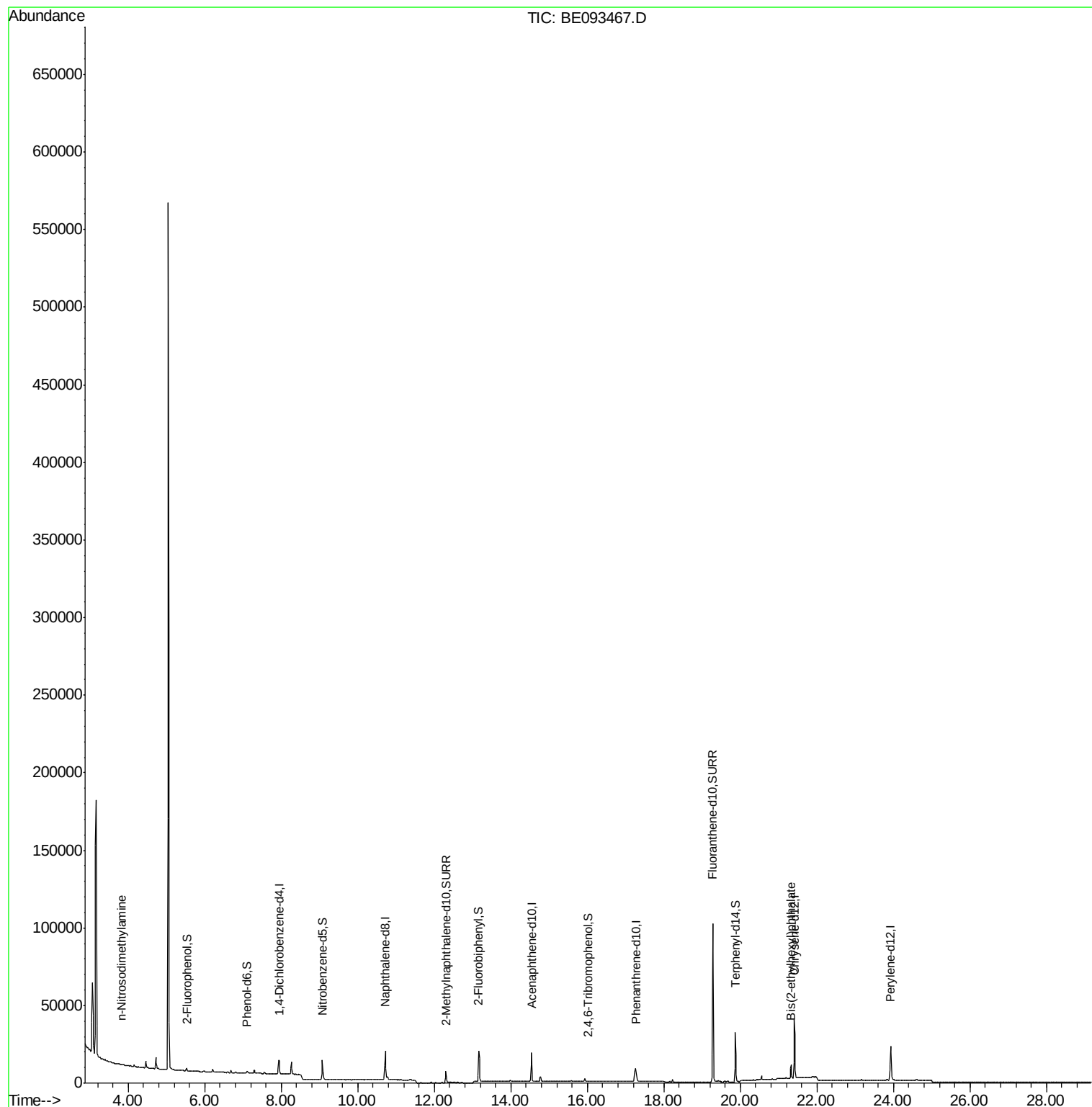
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	4895	0.40	ng	0.00
7) Naphthalene-d8	10.72	136	21439	0.40	ng	0.00
13) Acenaphthene-d10	14.54	164	11243	0.40	ng	0.00
19) Phenanthrene-d10	17.27	188	20589	0.40	ng	0.00
27) Chrysene-d12	21.42	240	39330	0.40	ng	-0.01
34) Perylene-d12	23.93	264	34272	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.53	112	959	0.06	ng	0.00
5) Phenol-d6	7.10	99	902	0.04	ng	0.00
8) Nitrobenzene-d5	9.08	82	4984	0.36	ng	0.00
11) 2-Methylnaphthalene-d10	12.30	152	10356	0.30	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	268	0.08	ng	0.00
15) 2-Fluorobiphenyl	13.16	172	20442	0.47	ng	-0.01
25) Fluoranthene-d10	19.28	212	135010	0.54	ng	0.00
29) Terphenyl-d14	19.87	244	27105	0.39	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.82	42	64	0.133	ng	# 16
32) Bis(2-ethylhexyl)phthalate	21.33	149	11708	0.077	ng	# 66

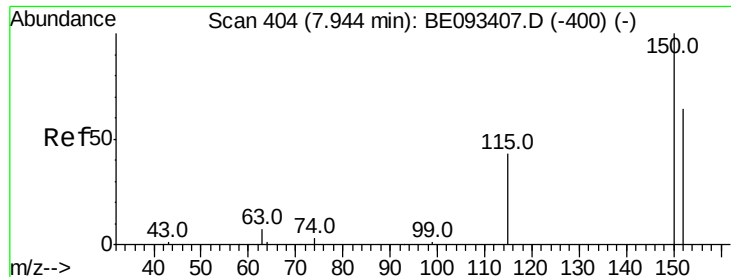
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MW-34S-20170711

Quant Time: Jul 17 01:26:58 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





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.94 min Scan# 404

Delta R.T. 0.00 min

Lab File: BE093467.D

Acq: 14 Jul 2017 12:15

Instrument :

BNA_E

ClientSampleId :

MW-34S-20170711

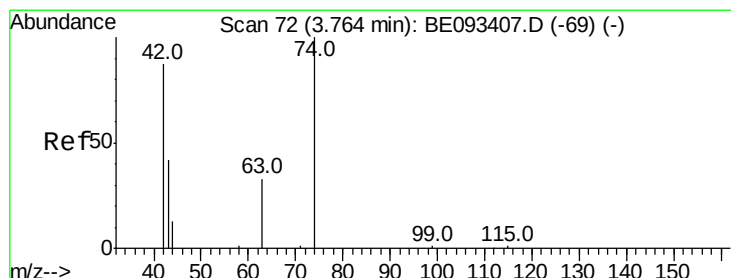
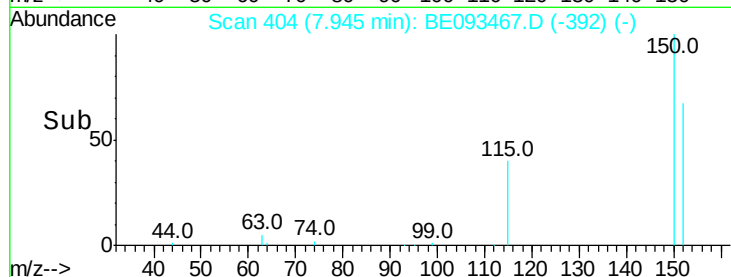
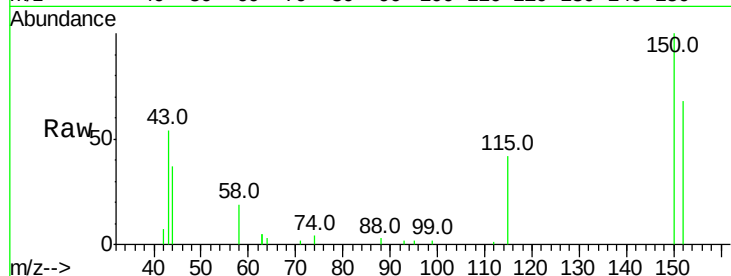
Tot Ion:152 Resp: 4895

Ion Ratio Lower Upper

152 100

150 148.1 125.1 187.7

115 61.6 55.7 83.5



#3

n-Nitrosodimethylamine

Concen: 0.133 ng

RT: 3.82 min Scan# 76

Delta R.T. 0.05 min

Lab File: BE093467.D

Acq: 14 Jul 2017 12:15

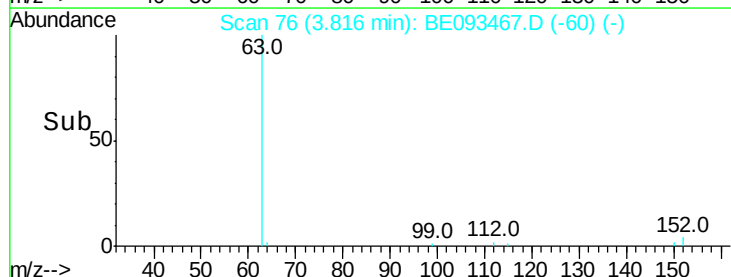
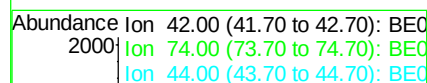
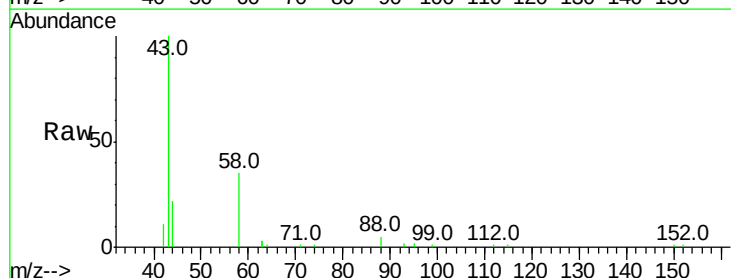
Tgt Ion: 42 Resp: 64

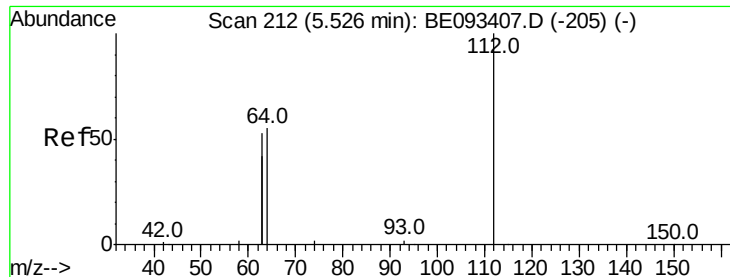
Ion Ratio Lower Upper

42 100

74 65.6 99.1 148.7#

44 200.0 7.4 11.2#





#4

2-Fluorophenol

Concen: 0.065 ng

RT: 5.53 min Scan# 212

Delta R.T. 0.00 min

Lab File: BE093467.D

Acq: 14 Jul 2017 12:15

Instrument :

BNA_E

ClientSampleId :

MW-34S-20170711

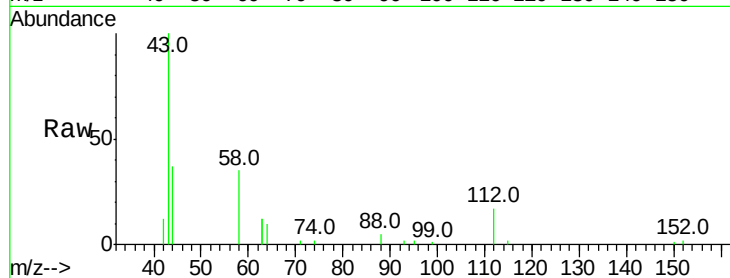
Tot Ion:112 Resp: 959

Ion Ratio Lower Upper

112 100

64 70.7 56.4 84.6

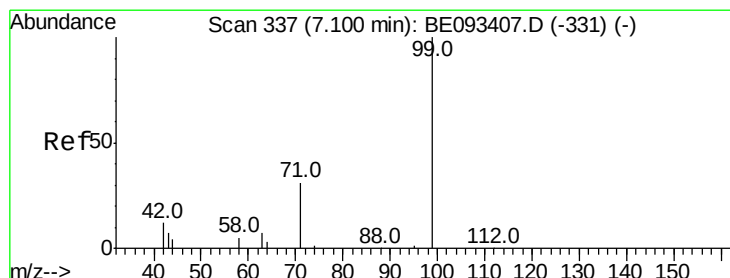
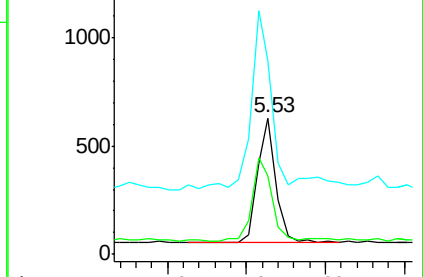
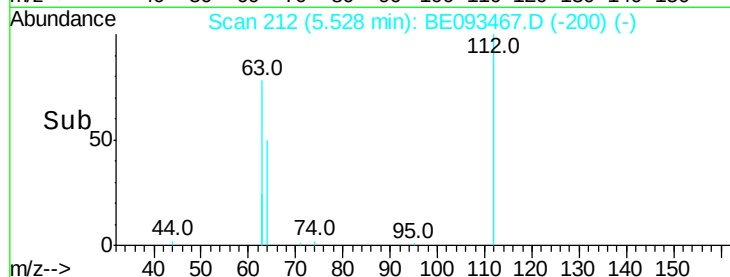
63 159.9 29.3 43.9#



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: 0.041 ng

RT: 7.10 min Scan# 337

Delta R.T. 0.00 min

Lab File: BE093467.D

Acq: 14 Jul 2017 12:15

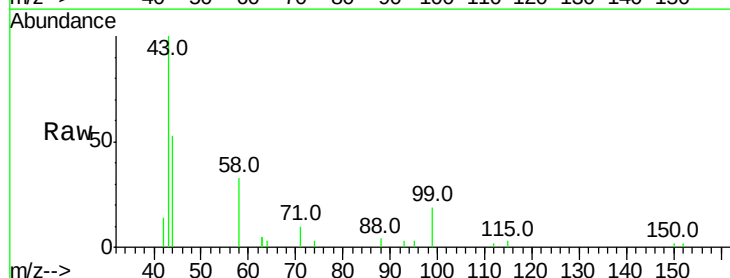
Tgt Ion: 99 Resp: 902

Ion Ratio Lower Upper

99 100

42 20.3 0.0 0.0#

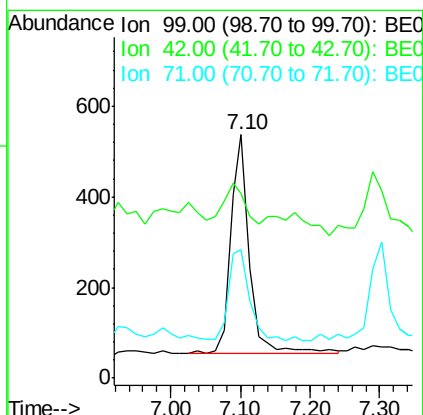
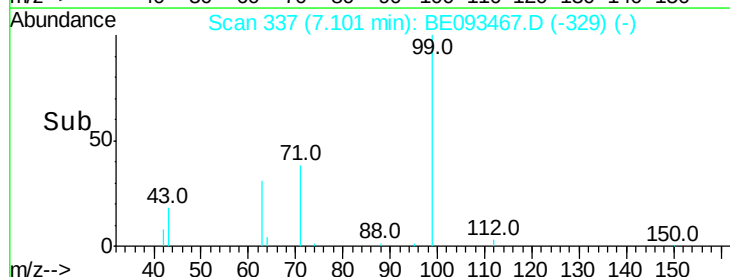
71 47.0 0.0 0.0#

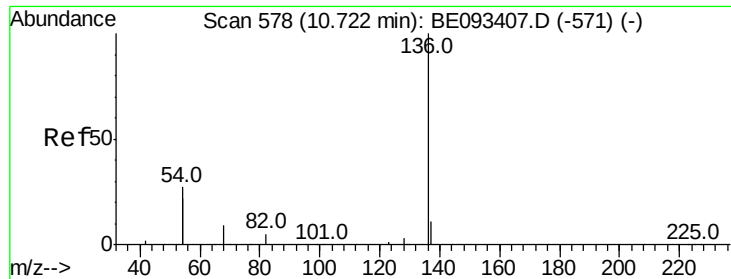


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: BE093467.D

Acq: 14 Jul 2017 12:15

Instrument :

BNA_E

ClientSampleId :

MW-34S-20170711

Tot Ion:136 Resp: 21439

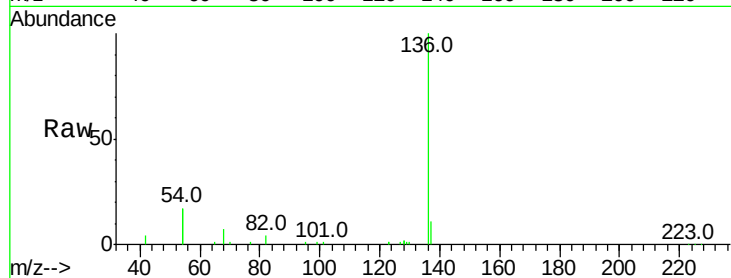
Ion Ratio Lower Upper

136 100

137 11.4 9.8 14.8

54 33.0 10.3 15.5#

68 6.5 9.0 13.4#

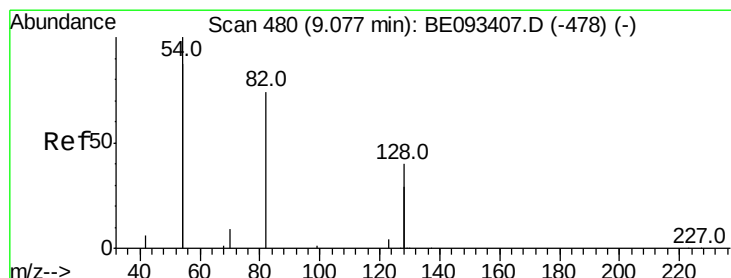
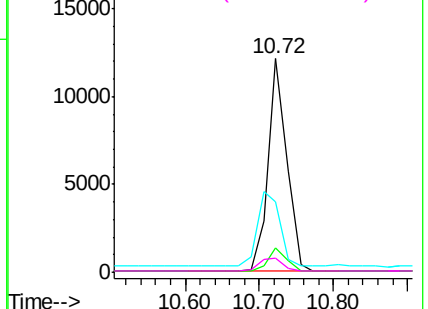
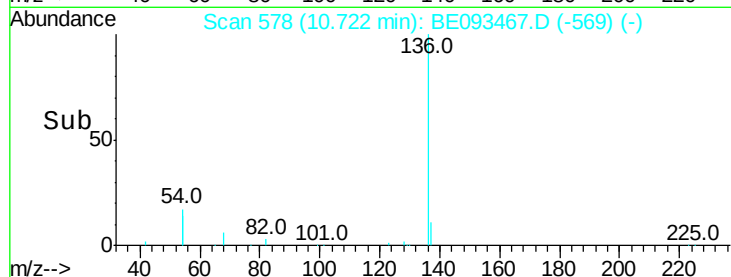


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.364 ng

RT: 9.08 min Scan# 480

Delta R.T. -0.00 min

Lab File: BE093467.D

Acq: 14 Jul 2017 12:15

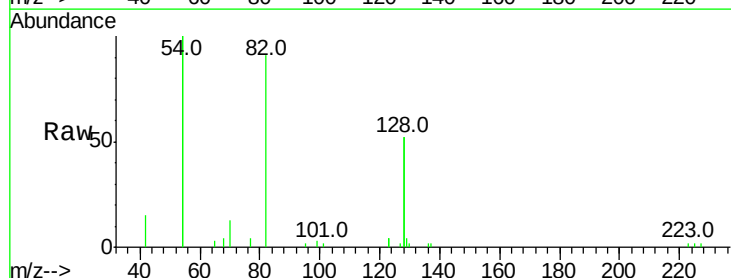
Tgt Ion: 82 Resp: 4984

Ion Ratio Lower Upper

82 100

128 114.8 17.0 25.4#

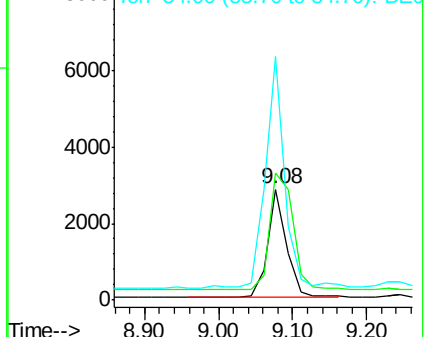
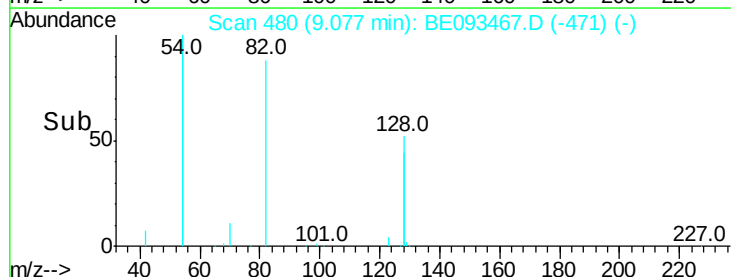
54 220.4 53.8 80.6#

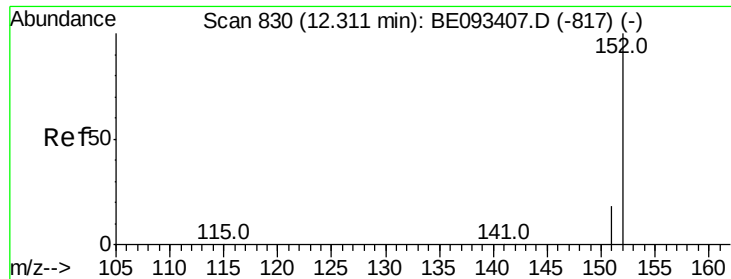


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

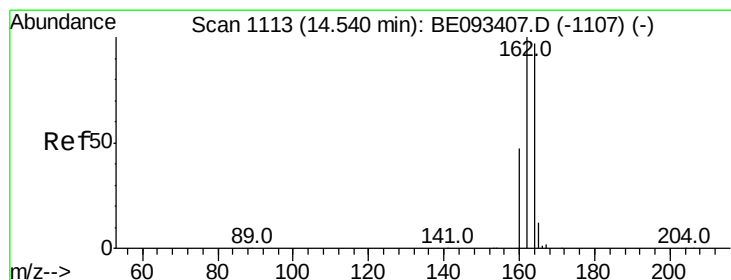
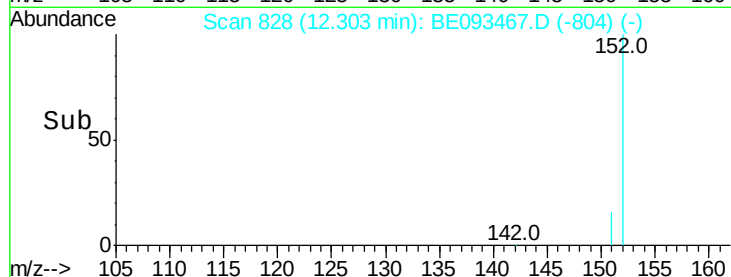
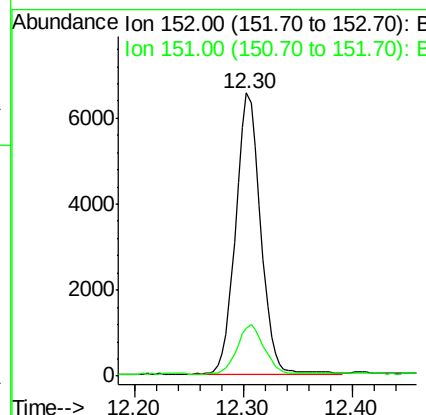
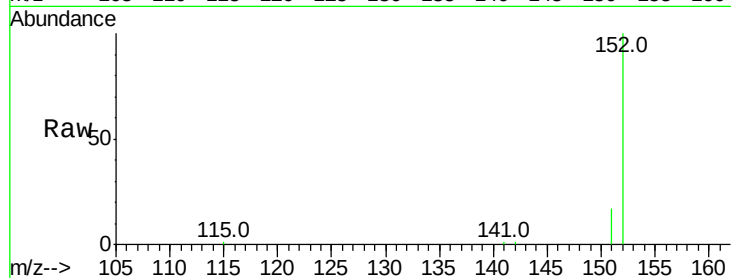




#11
 2-Methylnaphthalene-d10
 Concen: 0.303 ng
 RT: 12.30 min Scan# 828
 Delta R.T. -0.01 min
 Lab File: BE093467.D
 Acq: 14 Jul 2017 12:15

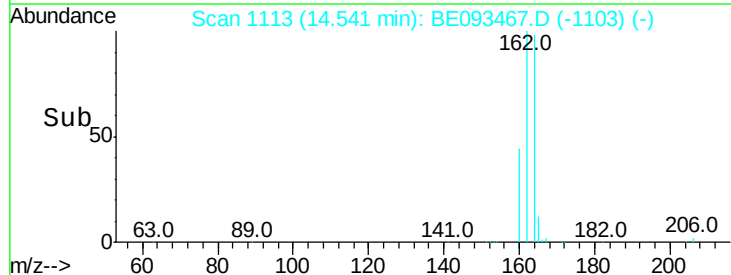
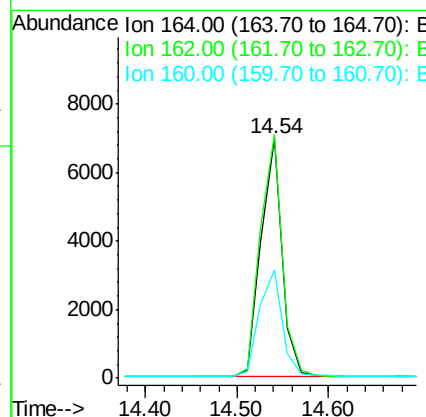
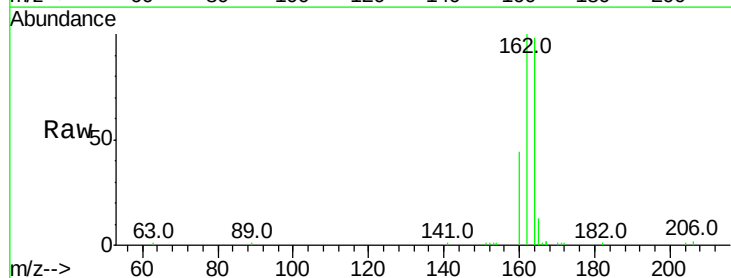
Instrument :
 BNA_E
 ClientSampleId :
 MW-34S-20170711

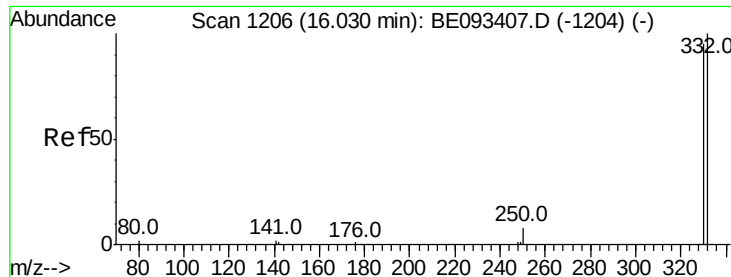
Tot Ion:152 Resp: 10356
 Ion Ratio Lower Upper
 152 100
 151 18.8 15.1 22.7



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.54 min Scan# 1113
 Delta R.T. 0.00 min
 Lab File: BE093467.D
 Acq: 14 Jul 2017 12:15

Tgt Ion:164 Resp: 11243
 Ion Ratio Lower Upper
 164 100
 162 101.6 84.6 127.0
 160 44.8 41.8 62.6





#14

2,4,6-Tribromophenol

Concen: 0.076 ng

RT: 16.03 min Scan# 1206

Delta R.T. 0.00 min

Lab File: BE093467.D

Acq: 14 Jul 2017 12:15

Instrument :

BNA_E

ClientSampleId :

MW-34S-20170711

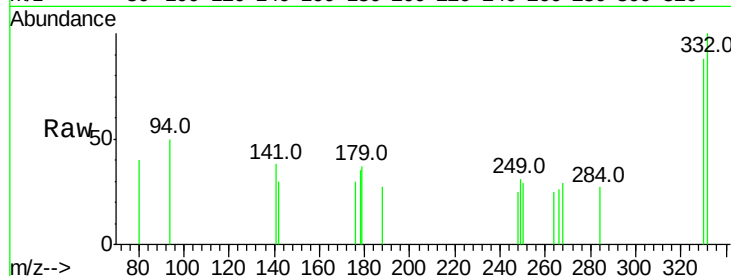
Tot Ion:330 Resp: 268

Ion Ratio Lower Upper

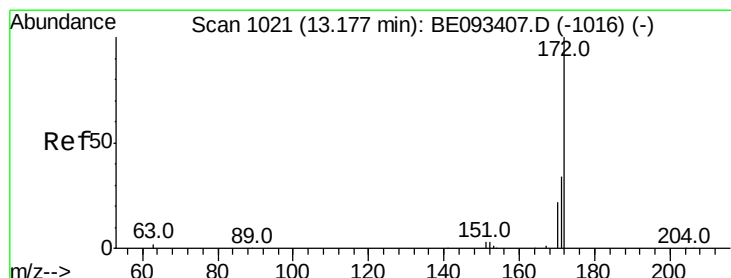
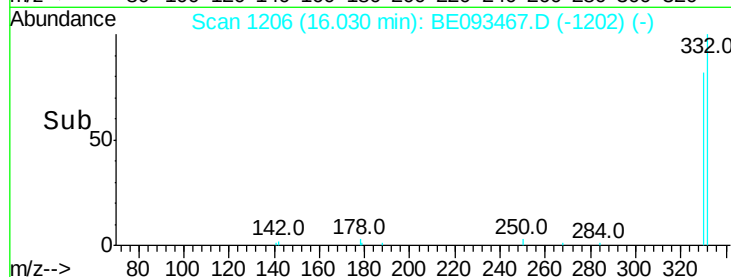
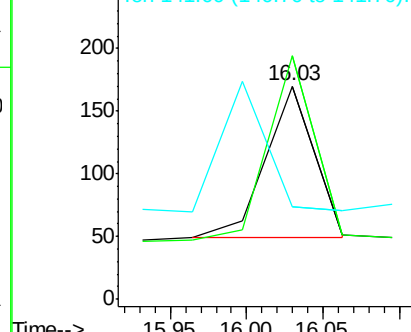
330 100

332 116.0 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: 0.468 ng

RT: 13.16 min Scan# 1020

Delta R.T. -0.01 min

Lab File: BE093467.D

Acq: 14 Jul 2017 12:15

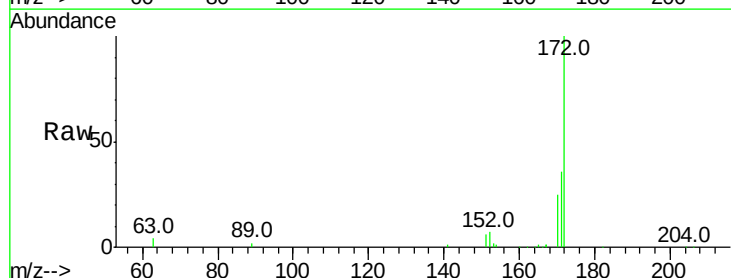
Tgt Ion:172 Resp: 20442

Ion Ratio Lower Upper

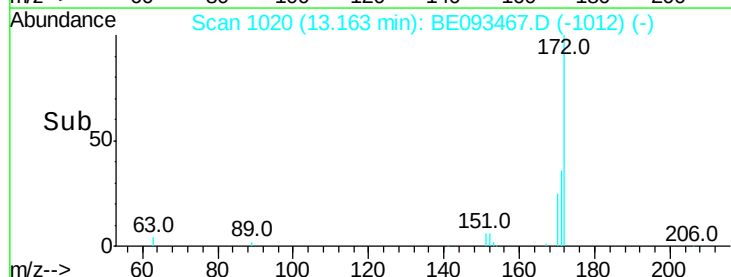
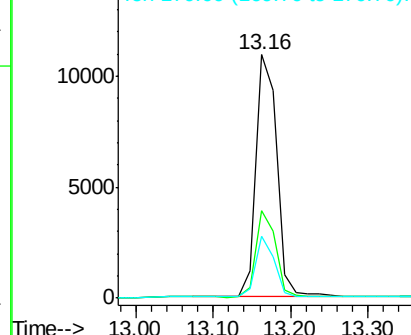
172 100

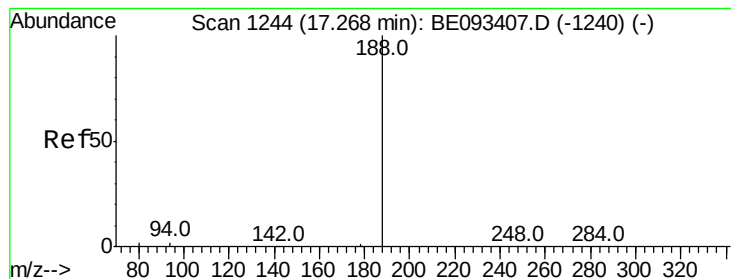
171 36.1 29.8 44.6

170 25.4 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: BE093467.D

Acq: 14 Jul 2017 12:15

Instrument :

BNA_E

ClientSampleId :

MW-34S-20170711

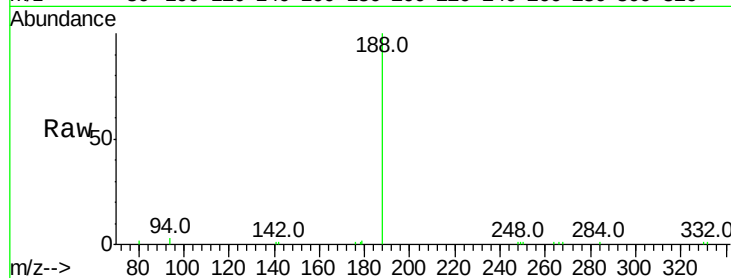
Tot Ion:188 Resp: 20589

Ion Ratio Lower Upper

188 100

94 2.8 11.3 16.9#

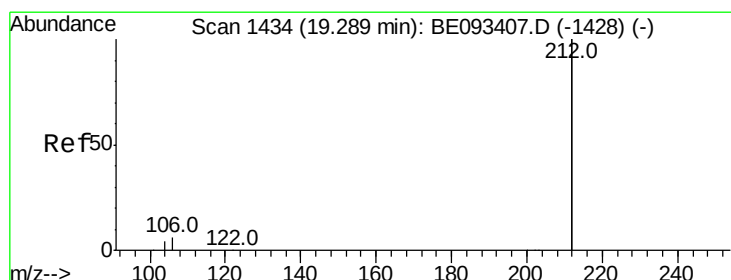
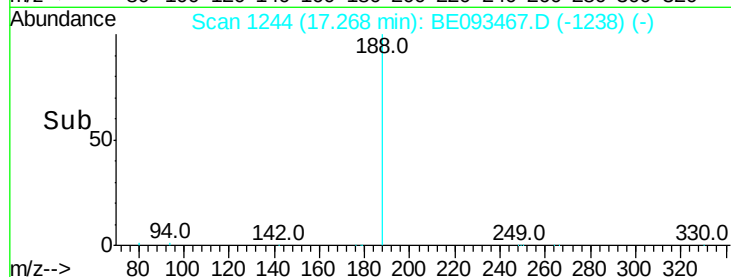
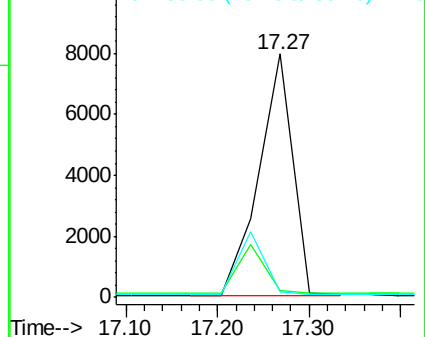
80 2.1 11.7 17.5#



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



#25

Fluoranthene-d10

Concen: 0.544 ng

RT: 19.28 min Scan# 1433

Delta R.T. -0.01 min

Lab File: BE093467.D

Acq: 14 Jul 2017 12:15

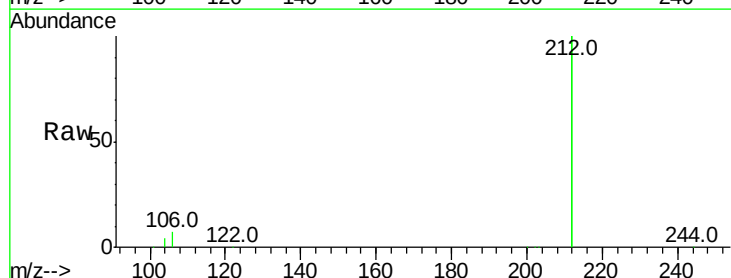
Tgt Ion:212 Resp: 135010

Ion Ratio Lower Upper

212 100

106 3.4 2.4 3.6

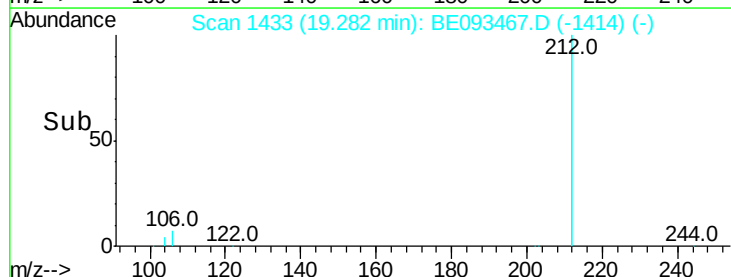
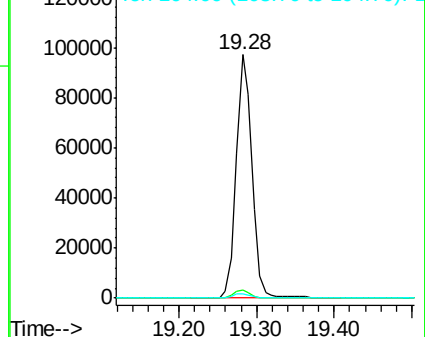
104 2.0 1.6 2.4

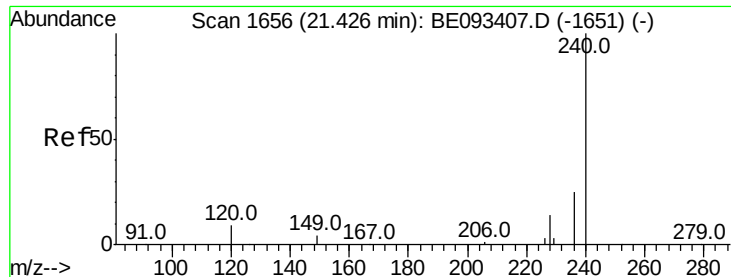


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.42 min Scan# 1655

Delta R.T. -0.01 min

Lab File: BE093467.D

Acq: 14 Jul 2017 12:15

Instrument :

BNA_E

ClientSampleId :

MW-34S-20170711

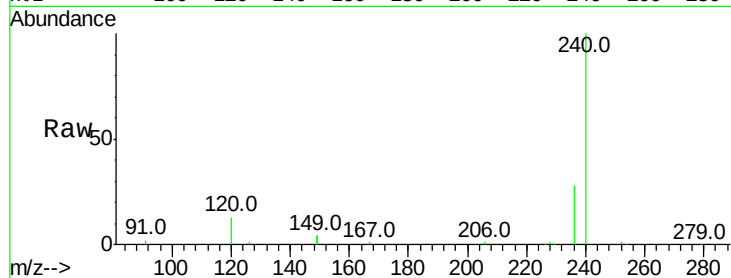
Tot Ion:240 Resp: 39330

Ion Ratio Lower Upper

240 100

120 13.2 4.6 7.0#

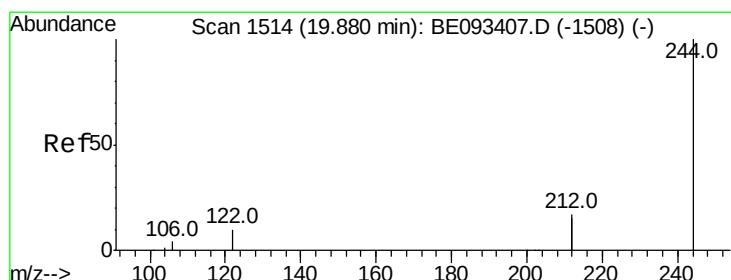
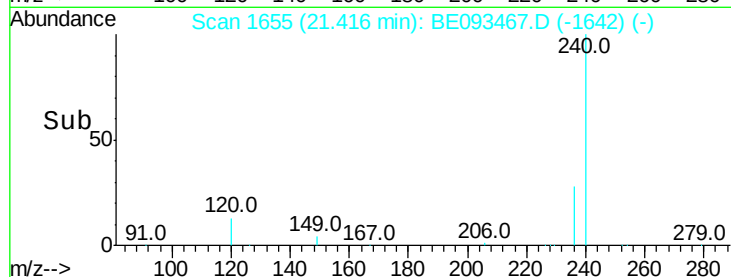
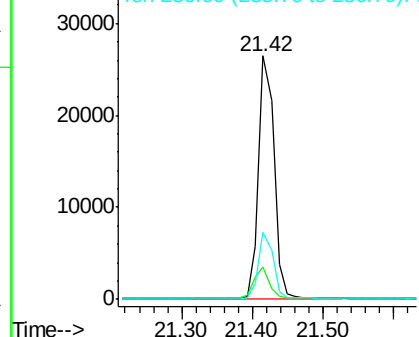
236 27.8 20.8 31.2



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: 0.386 ng

RT: 19.87 min Scan# 1513

Delta R.T. -0.01 min

Lab File: BE093467.D

Acq: 14 Jul 2017 12:15

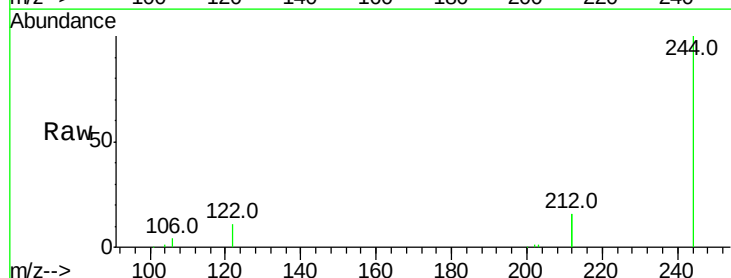
Tgt Ion:244 Resp: 27105

Ion Ratio Lower Upper

244 100

212 32.5 10.6 16.0#

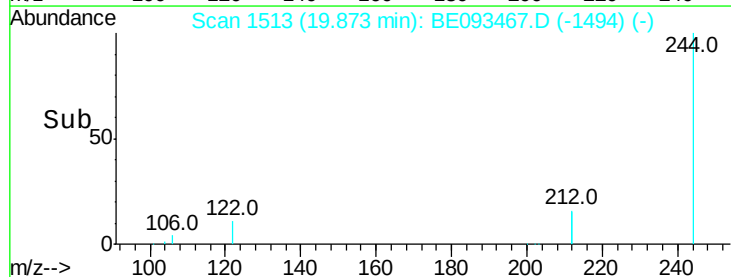
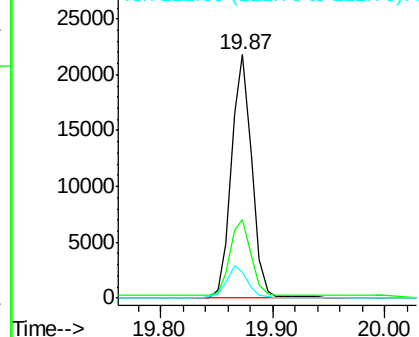
122 10.9 15.4 23.0#

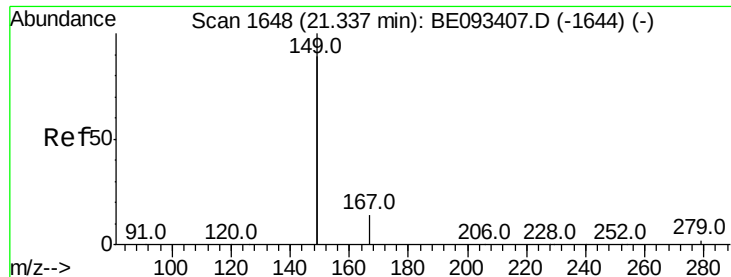


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.077 ng

RT: 21.33 min Scan# 1647

Delta R.T. -0.01 min

Lab File: BE093467.D

Acq: 14 Jul 2017 12:15

Instrument :

BNA_E

ClientSampleId :

MW-34S-20170711

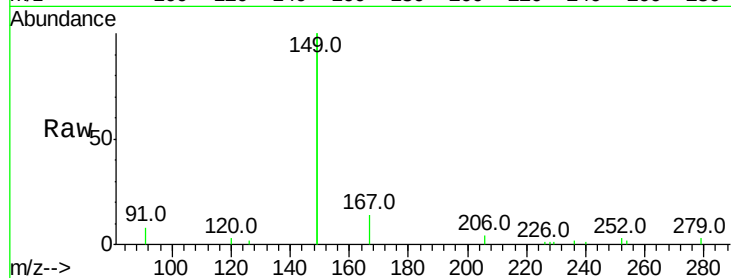
Tot Ion:149 Resp: 11708

Ion Ratio Lower Upper

149 100

167 6.2 20.1 30.1#

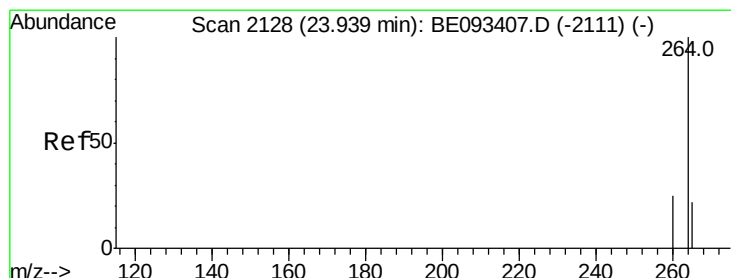
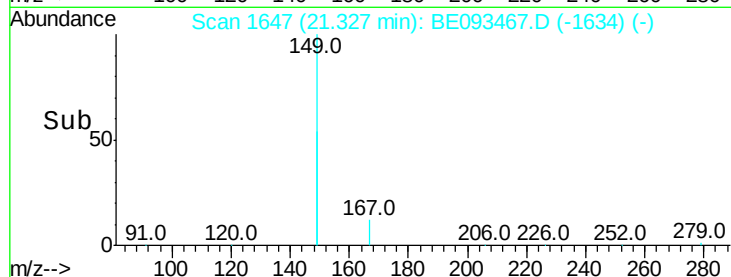
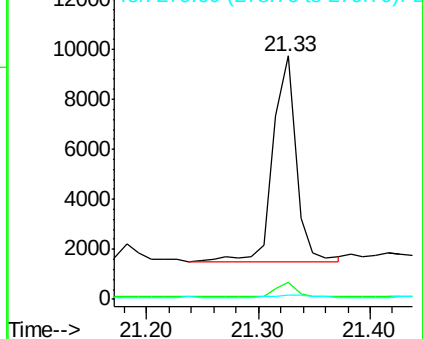
279 1.2 2.2 3.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.93 min Scan# 2126

Delta R.T. -0.01 min

Lab File: BE093467.D

Acq: 14 Jul 2017 12:15

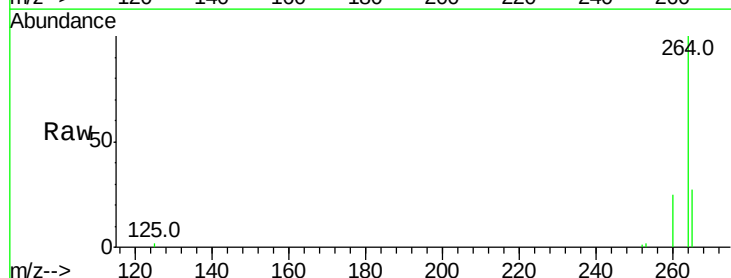
Tgt Ion:264 Resp: 34272

Ion Ratio Lower Upper

264 100

260 24.7 21.0 31.4

265 27.2 24.6 36.8



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

