

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE090517\
 Data File : BE093946.D
 Acq On : 5 Sep 2017 20:53
 Operator : SJ/JU
 Sample : I5078-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 MWHR2-8

Quant Time: Sep 06 06:50:41 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE090517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 05 13:34:56 2017
 Response via : Initial Calibration

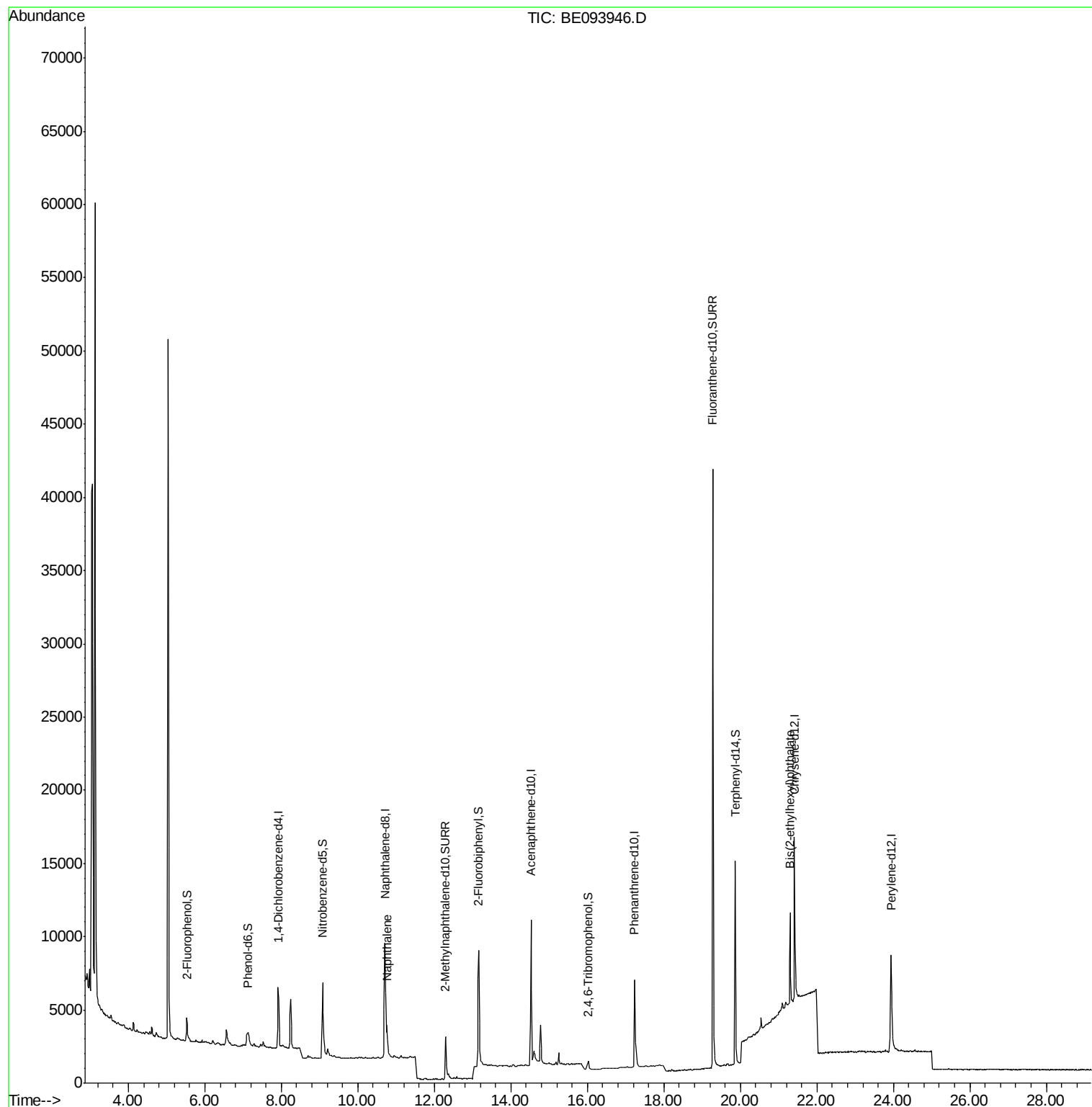
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	2320	0.40	ng	0.00
7) Naphthalene-d8	10.71	136	11192	0.40	ng	0.00
13) Acenaphthene-d10	14.52	164	6347	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	10774	0.40	ng	-0.03
27) Chrysene-d12	21.43	240	15833	0.40	ng	0.00
34) Perylene-d12	23.94	264	13407	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.54	112	1032	0.14	ng	0.00
5) Phenol-d6	7.12	99	839	0.07	ng	0.00
8) Nitrobenzene-d5	9.08	82	2972	0.31	ng	0.00
11) 2-Methylnaphthalene-d10	12.29	152	5534	0.31	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	612	0.31	ng	0.00
15) 2-Fluorobiphenyl	13.16	172	10057	0.40	ng	0.00
25) Fluoranthene-d10	19.28	212	57383	0.36	ng	0.00
29) Terphenyl-d14	19.87	244	14105	0.48	ng	0.00
Target Compounds						
9) Naphthalene	10.76	128	3392	0.026	ng	# 92
32) Bis(2-ethylhexyl)phthalate	21.30	149	7840	0.066	ng	# 99

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

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Quant Time: Sep 06 06:50:41 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE090517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 05 13:34:56 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.92 min Scan# 402

Delta R.T. -0.00 min

Lab File: BE093946.D

Acq: 5 Sep 2017 20:53

Instrument :

BNA_E

ClientSampleId :

MWHR2-8

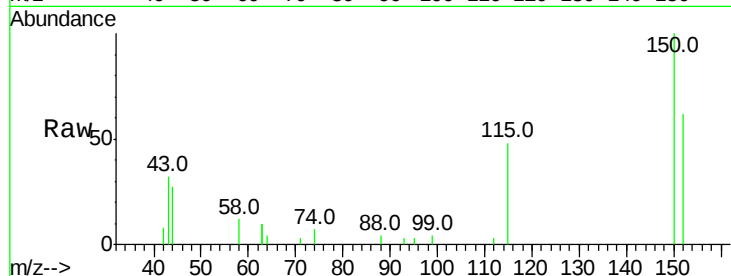
Tot Ion:152 Resp: 2320

Ion Ratio Lower Upper

152 100

150 161.9 121.8 182.6

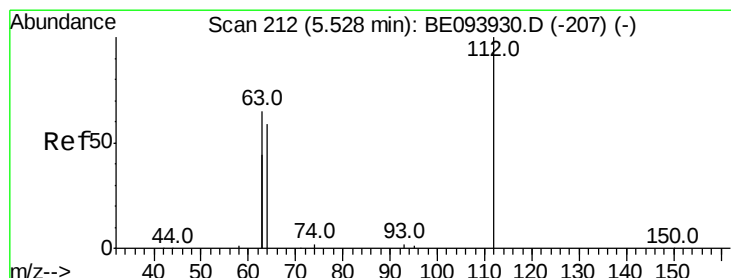
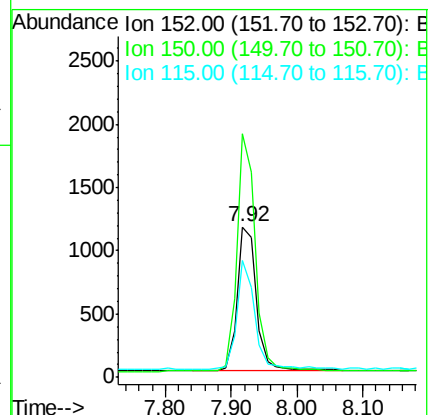
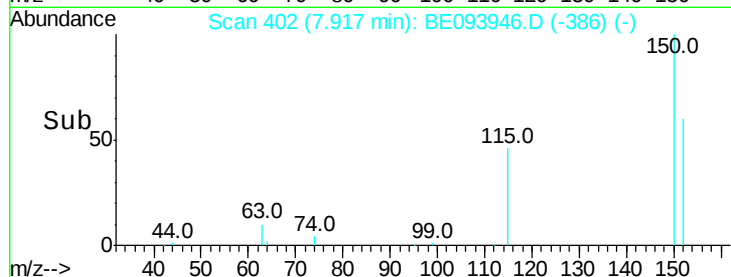
115 77.8 52.6 79.0



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: 0.138 ng

RT: 5.54 min Scan# 213

Delta R.T. 0.01 min

Lab File: BE093946.D

Acq: 5 Sep 2017 20:53

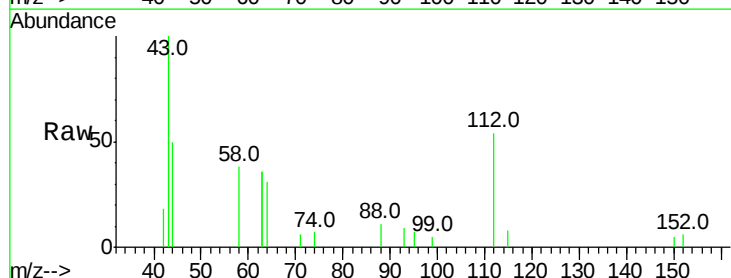
Tgt Ion:112 Resp: 1032

Ion Ratio Lower Upper

112 100

64 75.9 57.7 86.5

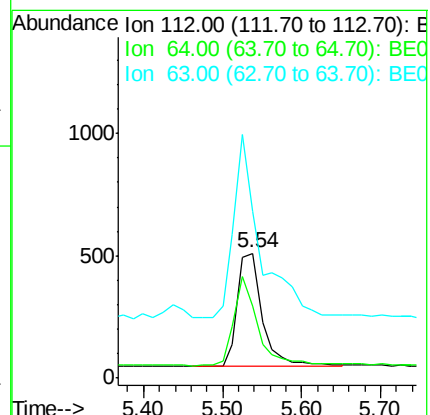
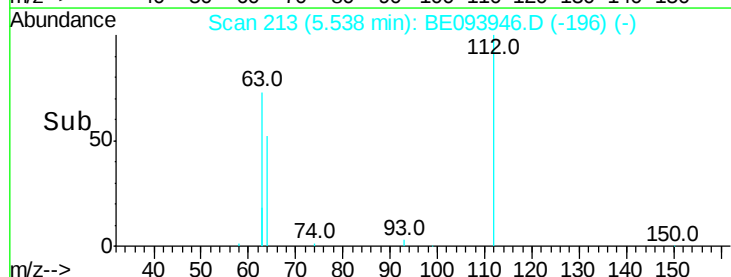
63 167.9 116.0 174.0

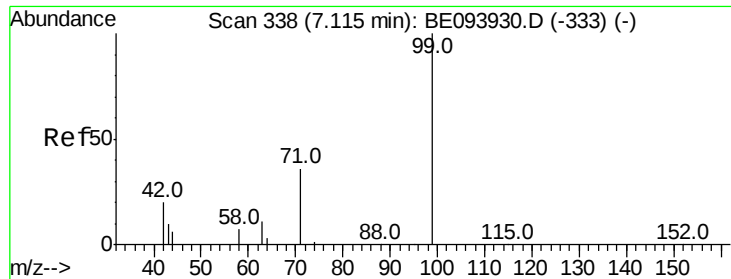


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.075 ng

RT: 7.12 min Scan# 339

Delta R.T. 0.01 min

Lab File: BE093946.D

Acq: 5 Sep 2017 20:53

Instrument :

BNA_E

ClientSampleId :

MWHR2-8

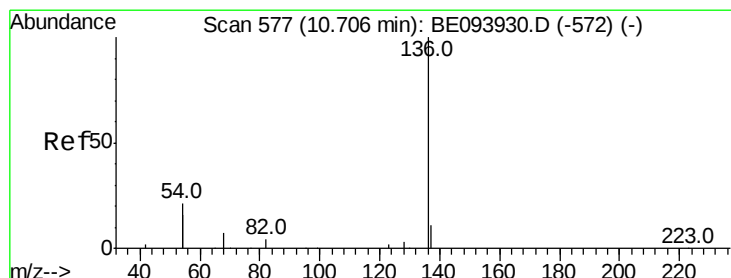
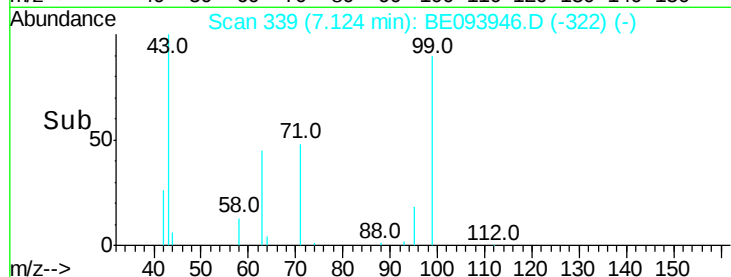
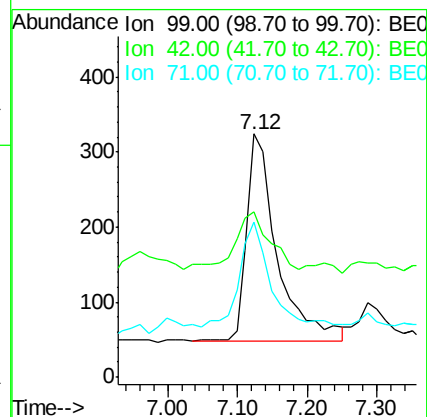
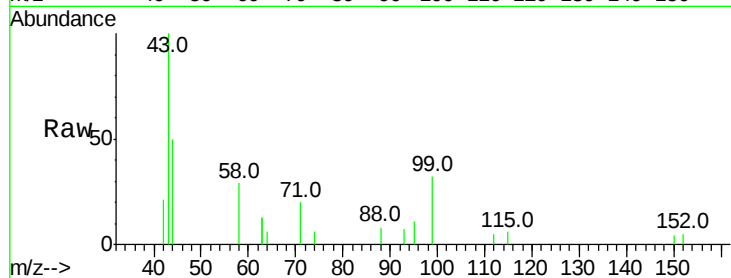
Tot Ion: 99 Resp: 839

Ion Ratio Lower Upper

99 100

42 34.8 17.1 25.7#

71 54.5 26.6 39.8#



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.71 min Scan# 577

Delta R.T. 0.00 min

Lab File: BE093946.D

Acq: 5 Sep 2017 20:53

Tgt Ion: 136 Resp: 11192

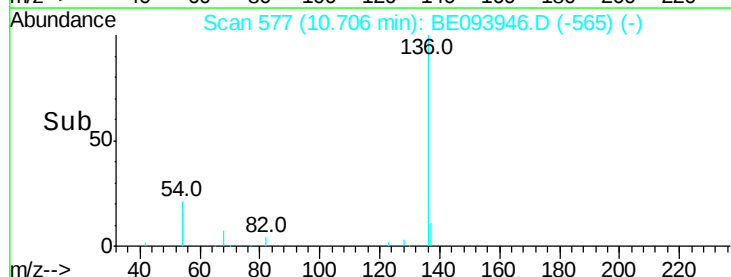
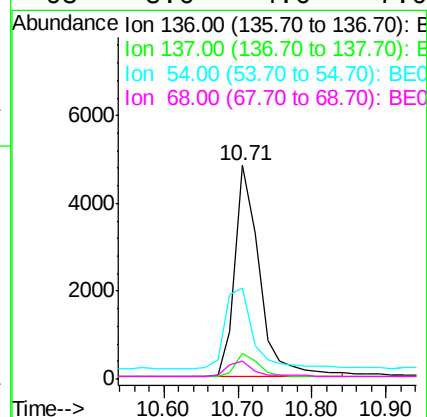
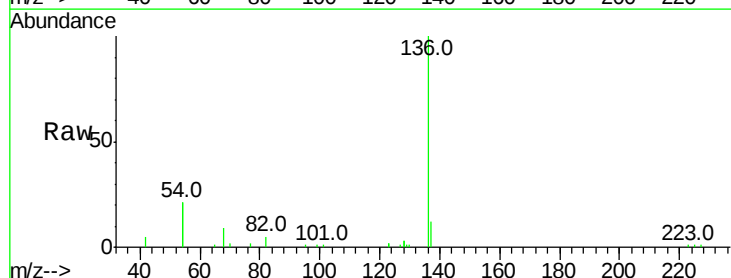
Ion Ratio Lower Upper

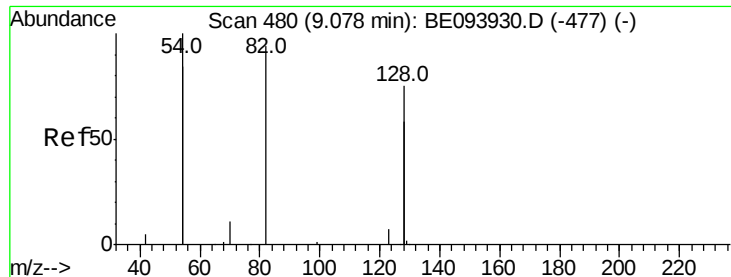
136 100

137 11.7 9.2 13.8

54 42.3 21.9 32.9#

68 8.6 4.6 7.0#





#8

Nitrobenzene-d5

Concen: 0.314 ng

RT: 9.08 min Scan# 480

Delta R.T. 0.00 min

Lab File: BE093946.D

Acq: 5 Sep 2017 20:53

Instrument :

BNA_E

ClientSampleId :

MWHR2-8

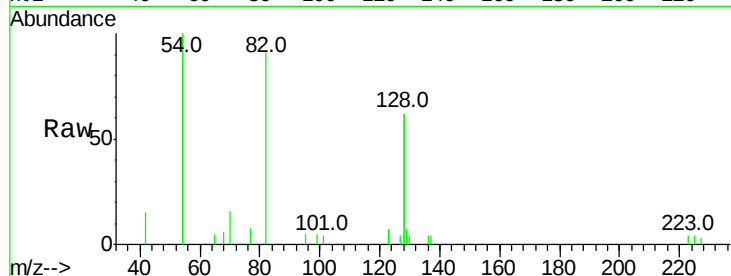
Tot Ion: 82 Resp: 2972

Ion Ratio Lower Upper

82 100

128 136.6 91.4 137.0

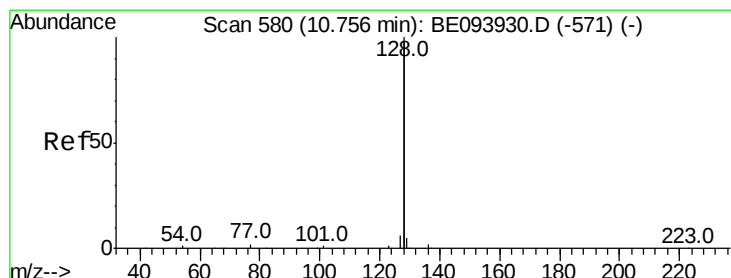
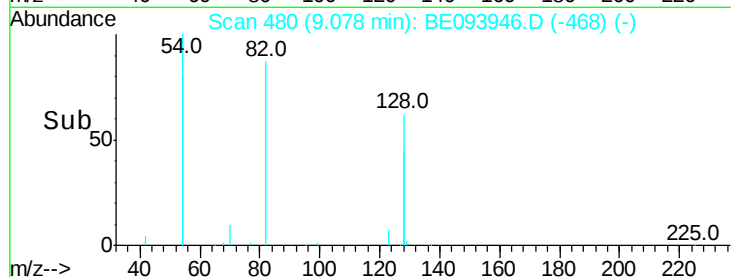
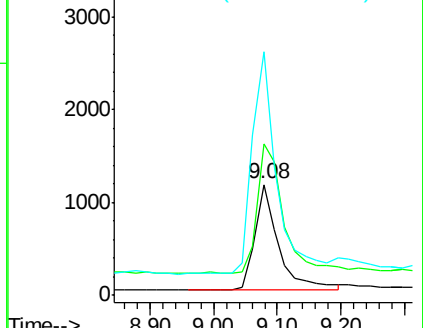
54 219.4 197.8 296.8



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



#9

Naphthalene

Concen: 0.026 ng

RT: 10.76 min Scan# 580

Delta R.T. 0.00 min

Lab File: BE093946.D

Acq: 5 Sep 2017 20:53

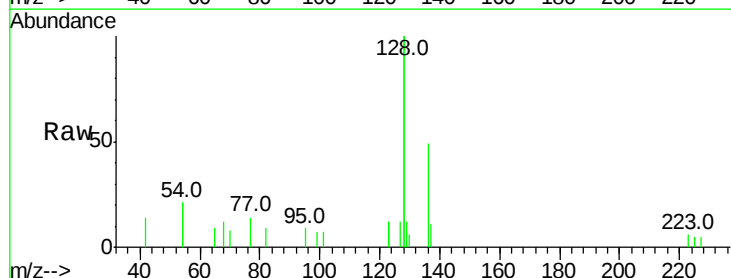
Tgt Ion: 128 Resp: 3392

Ion Ratio Lower Upper

128 100

129 5.9 2.5 3.7#

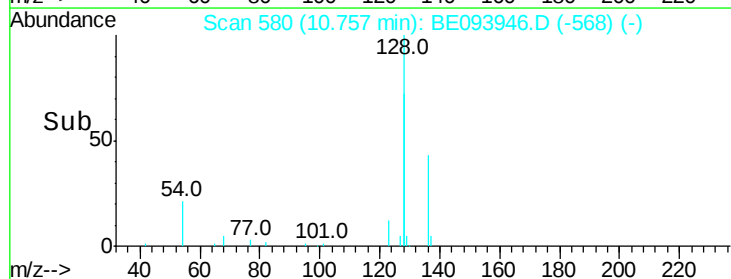
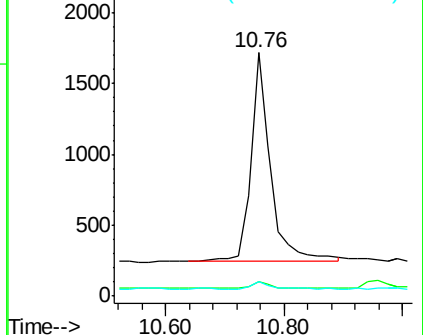
127 5.8 2.6 4.0#

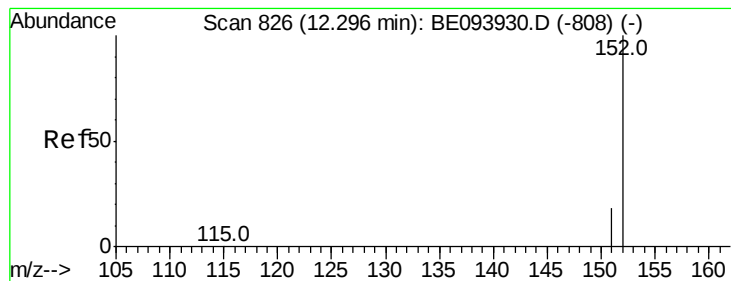


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.309 ng

RT: 12.29 min Scan# 825

Delta R.T. -0.00 min

Lab File: BE093946.D

Acq: 5 Sep 2017 20:53

Instrument :

BNA_E

ClientSampleId :

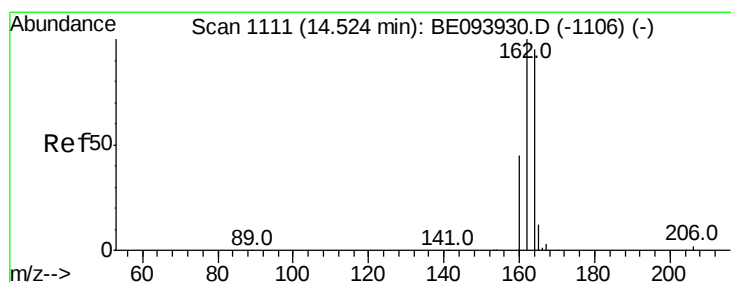
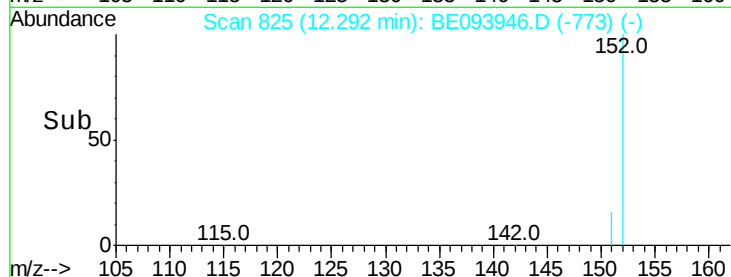
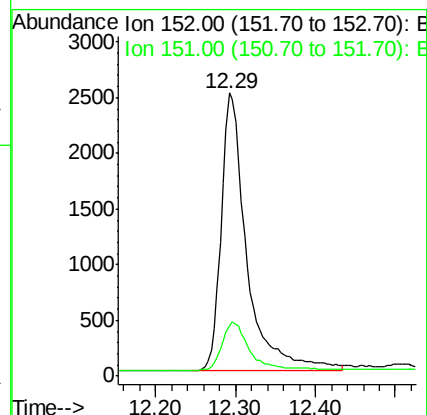
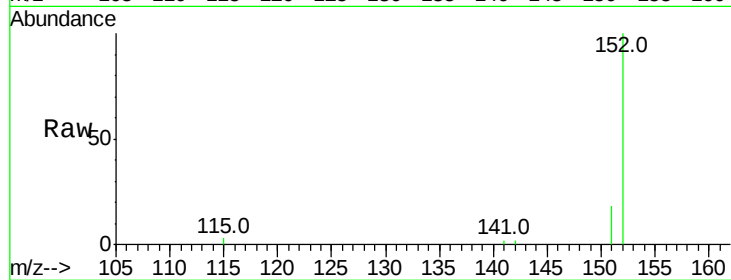
MWHR2-8

Tot Ion:152 Resp: 5534

Ion Ratio Lower Upper

152 100

151 18.9 15.4 23.0



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.52 min Scan# 1111

Delta R.T. 0.00 min

Lab File: BE093946.D

Acq: 5 Sep 2017 20:53

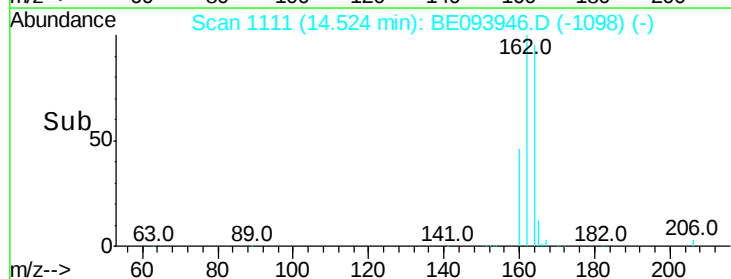
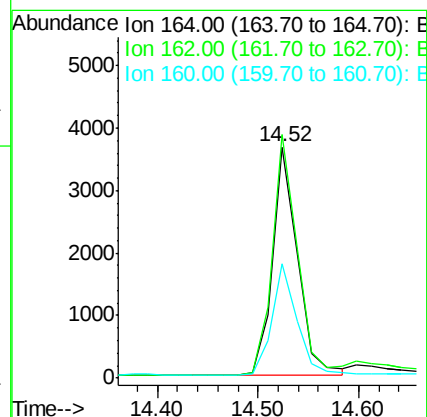
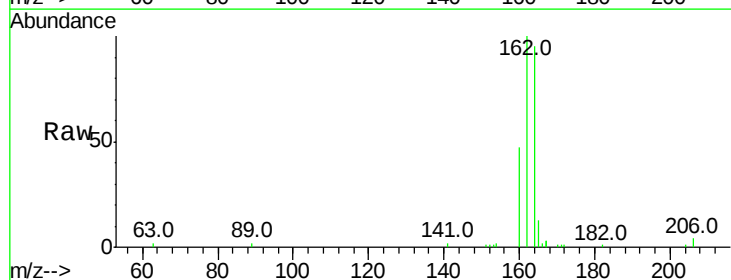
Tgt Ion:164 Resp: 6347

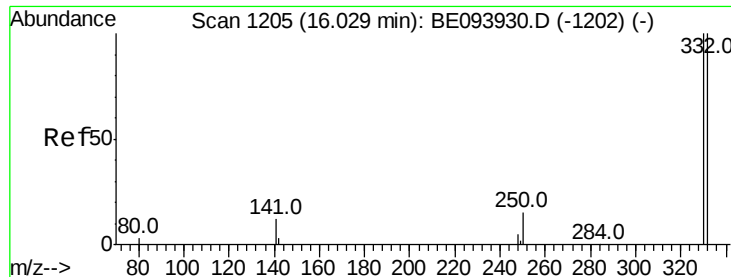
Ion Ratio Lower Upper

164 100

162 105.3 80.8 121.2

160 49.3 37.0 55.4





#14

2,4,6-Tribromophenol

Concen: 0.311 ng

RT: 16.03 min Scan# 1205

Delta R.T. 0.00 min

Lab File: BE093946.D

Acq: 5 Sep 2017 20:53

Instrument :

BNA_E

ClientSampleId :

MWHR2-8

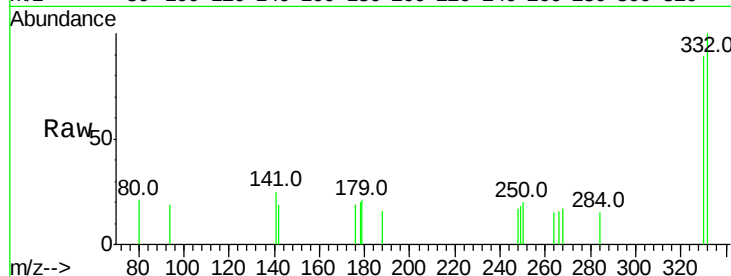
Tot Ion:330 Resp: 612

Ion Ratio Lower Upper

330 100

332 103.3 76.9 115.3

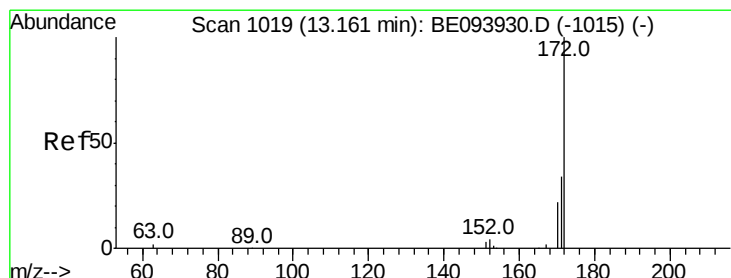
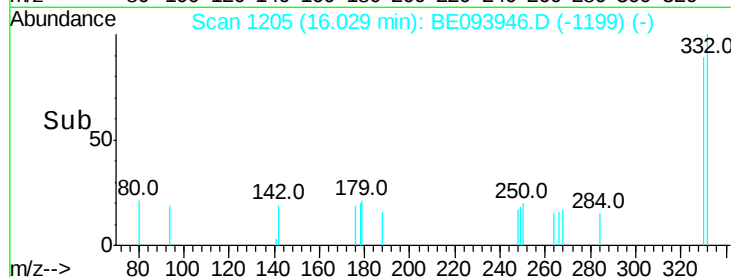
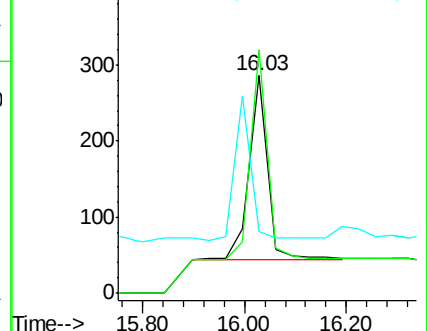
141 0.0 0.0 0.0



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: 0.401 ng

RT: 13.16 min Scan# 1019

Delta R.T. 0.00 min

Lab File: BE093946.D

Acq: 5 Sep 2017 20:53

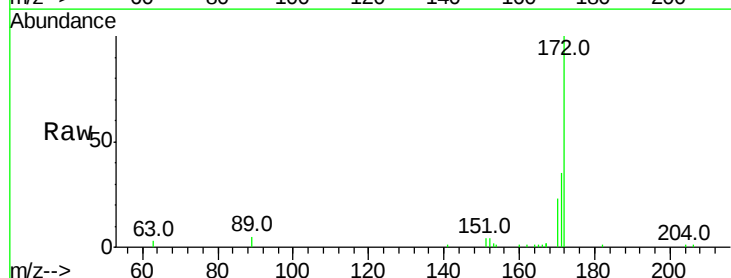
Tgt Ion:172 Resp: 10057

Ion Ratio Lower Upper

172 100

171 34.7 26.9 40.3

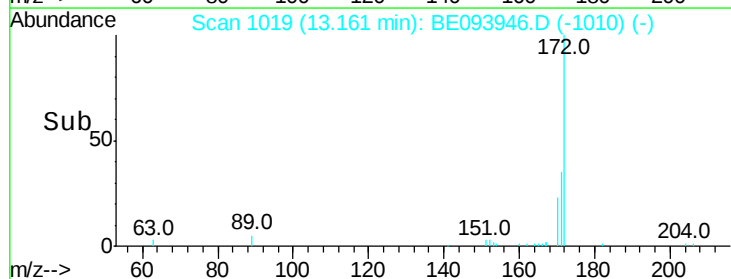
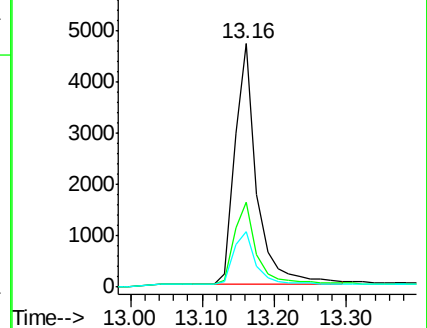
170 23.0 17.3 25.9

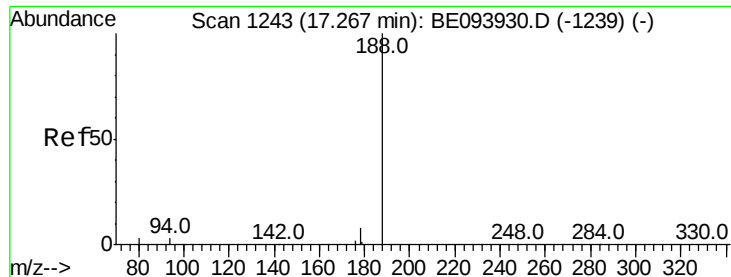


Abundance Ion 172.00 (171.70 to 172.70): E

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: 17.23 min Scan# 1242

Delta R.T. -0.03 min

Lab File: BE093946.D

Acq: 5 Sep 2017 20:53

Instrument :

BNA_E

ClientSampleId :

MWHR2-8

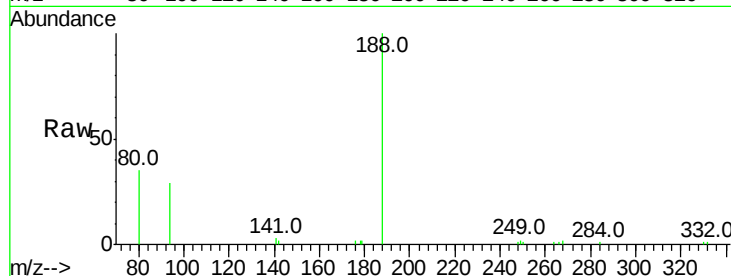
Tot Ion:188 Resp: 10774

Ion Ratio Lower Upper

188 100

94 29.1 16.1 24.1#

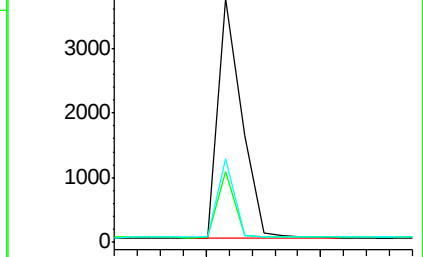
80 34.6 18.2 27.2#



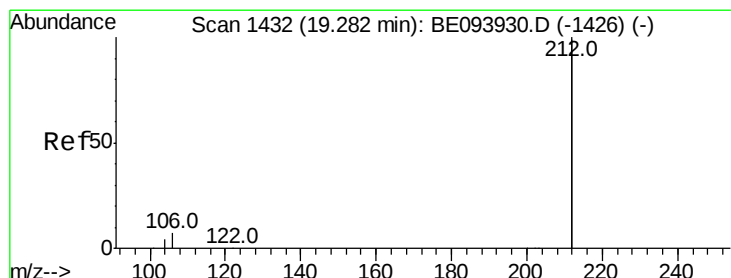
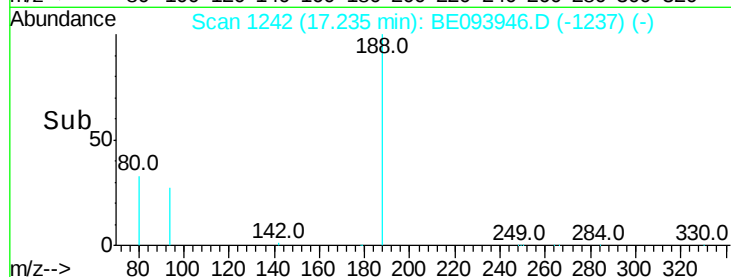
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



Time-->



#25

Fluoranthene-d10

Concen: 0.357 ng

RT: 19.28 min Scan# 1432

Delta R.T. 0.00 min

Lab File: BE093946.D

Acq: 5 Sep 2017 20:53

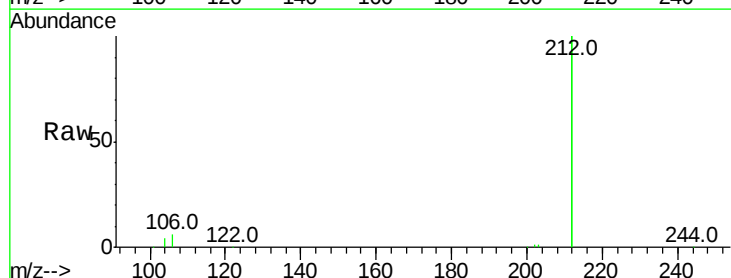
Tgt Ion:212 Resp: 57383

Ion Ratio Lower Upper

212 100

106 3.3 2.7 4.1

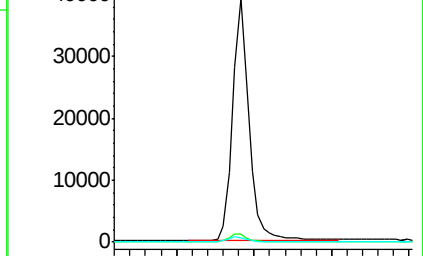
104 2.0 1.6 2.4



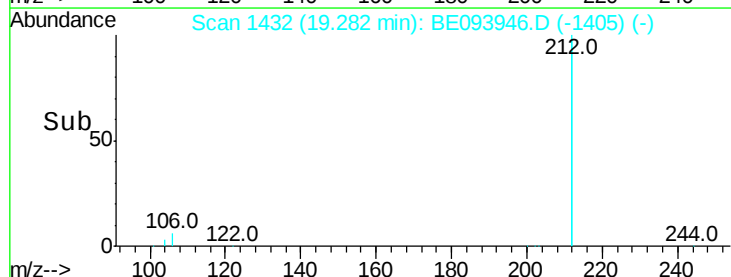
Abundance Ion 212.00 (211.70 to 212.70): E

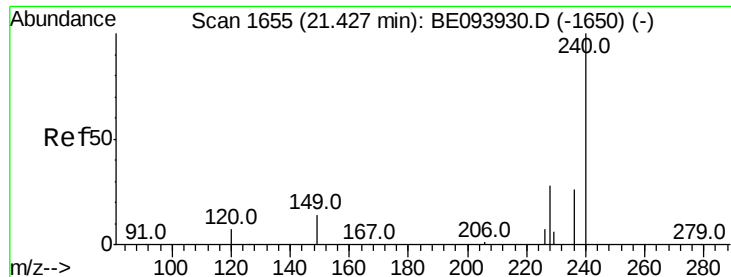
Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



Time-->





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.43 min Scan# 1655

Delta R.T. 0.00 min

Lab File: BE093946.D

Acq: 5 Sep 2017 20:53

Instrument :

BNA_E

ClientSampled :

MWHR2-8

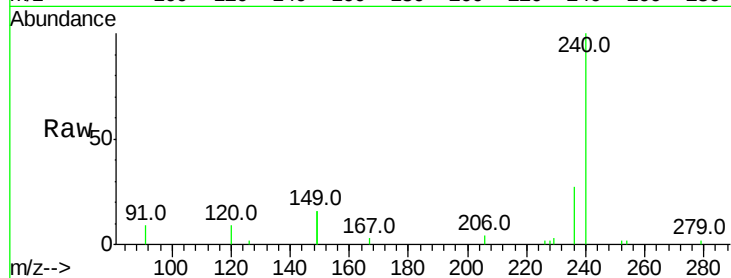
Tot Ion:240 Resp: 15833

Ion Ratio Lower Upper

240 100

120 9.0 8.7 13.1

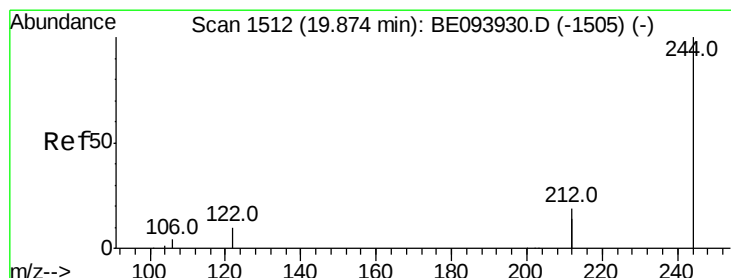
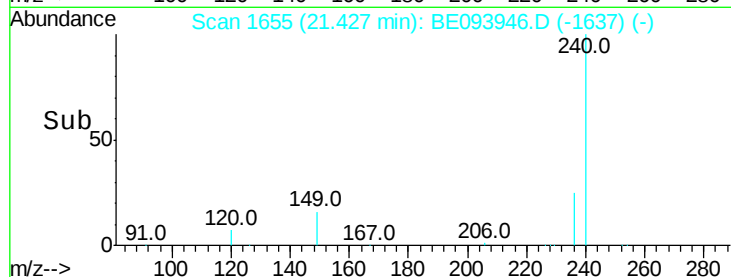
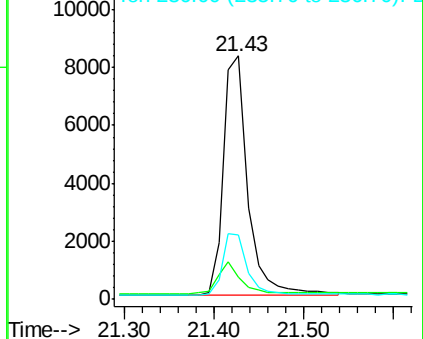
236 26.5 21.3 31.9



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: 0.484 ng

RT: 19.87 min Scan# 1511

Delta R.T. -0.01 min

Lab File: BE093946.D

Acq: 5 Sep 2017 20:53

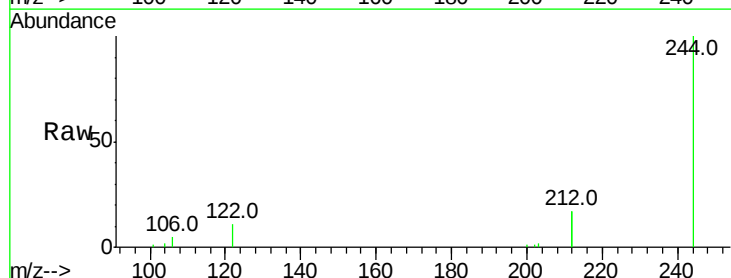
Tgt Ion:244 Resp: 14105

Ion Ratio Lower Upper

244 100

212 33.6 28.3 42.5

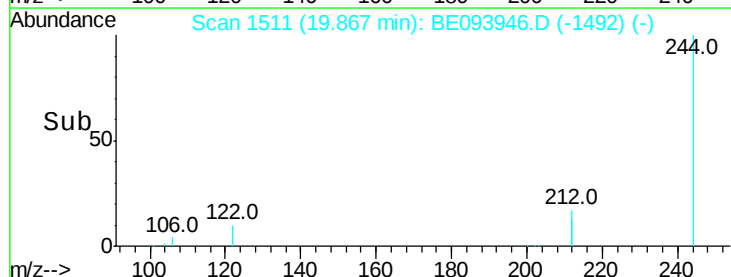
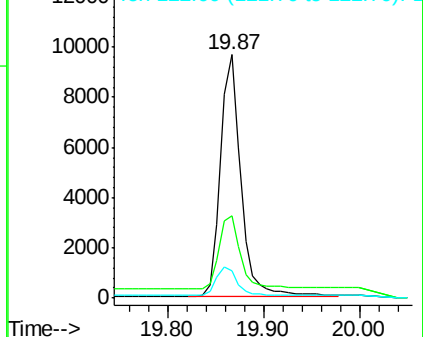
122 11.0 9.4 14.0

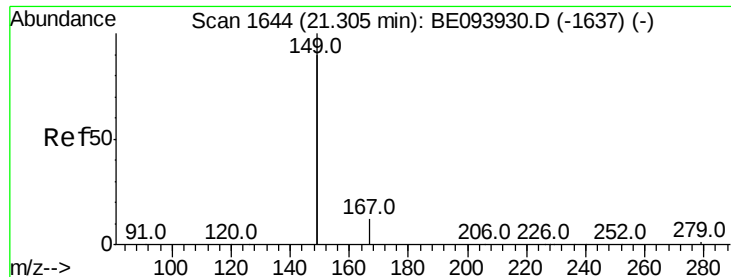


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

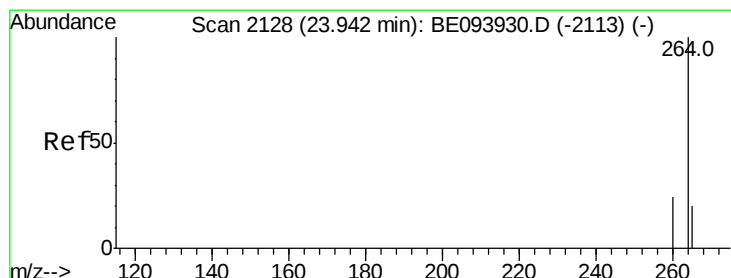
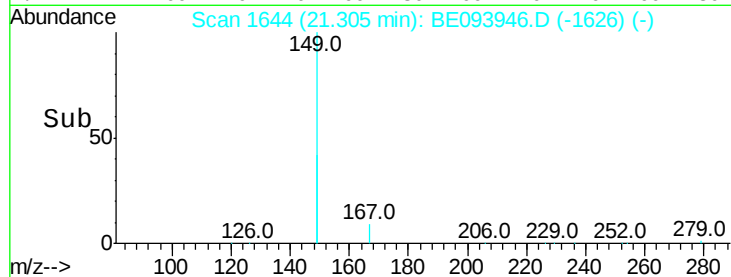
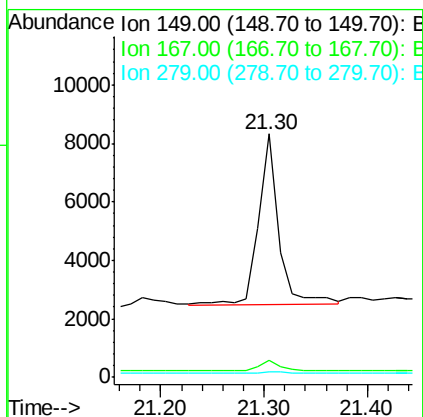
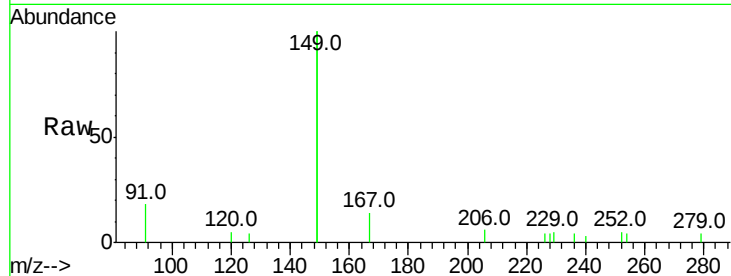




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.066 ng
 RT: 21.30 min Scan# 1644
 Delta R.T. 0.00 min
 Lab File: BE093946.D
 Acq: 5 Sep 2017 20:53

Instrument :
 BNA_E
 ClientSampleId :
 MWHR2-8

Tot Ion:149 Resp: 7840
 Ion Ratio Lower Upper
 149 100
 167 6.9 5.4 8.0
 279 1.5 0.7 1.1#



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.94 min Scan# 2127
 Delta R.T. -0.00 min
 Lab File: BE093946.D
 Acq: 5 Sep 2017 20:53

Tgt Ion:264 Resp: 13407
 Ion Ratio Lower Upper
 264 100
 260 25.8 20.0 30.0
 265 39.4 24.0 36.0#

