

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE071417\
 Data File : BE093466.D
 Acq On : 14 Jul 2017 11:39
 Operator : SJ/JU
 Sample : I4153-01
 Misc : L00 0.2 PPM
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 MW-48BR-20170711

Quant Time: Jul 17 01:26:49 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

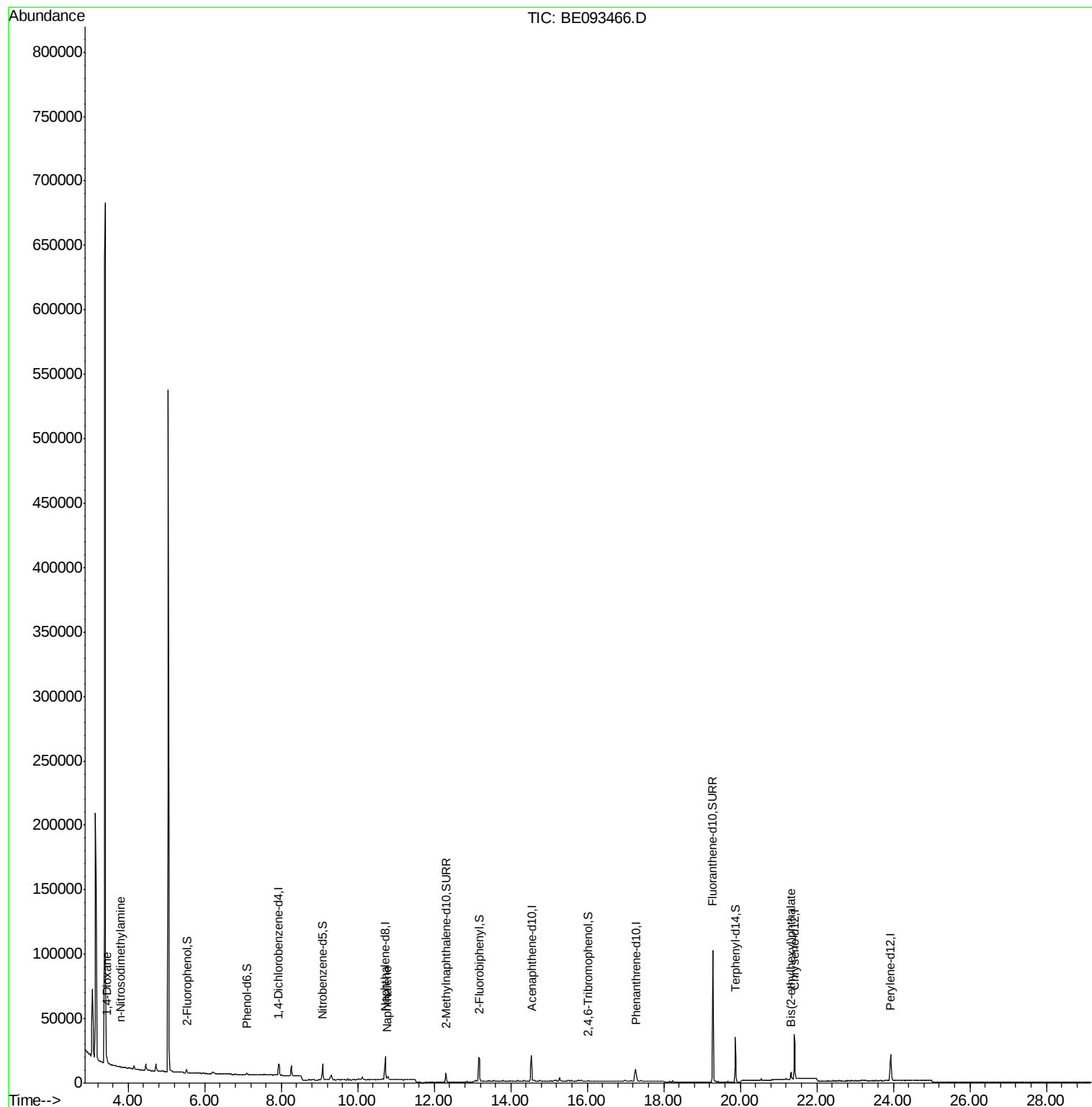
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	4612	0.40	ng	0.00
7) Naphthalene-d8	10.72	136	19873	0.40	ng	0.00
13) Acenaphthene-d10	14.54	164	11148	0.40	ng	0.00
19) Phenanthrene-d10	17.27	188	21582	0.40	ng	0.00
27) Chrysene-d12	21.42	240	36721	0.40	ng	-0.01
34) Perylene-d12	23.93	264	31672	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.53	112	1274	0.09	ng	0.00
5) Phenol-d6	7.10	99	1190	0.06	ng	0.00
8) Nitrobenzene-d5	9.08	82	4818	0.38	ng	0.00
11) 2-Methylnaphthalene-d10	12.30	152	10186	0.32	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	481	0.14	ng	0.00
15) 2-Fluorobiphenyl	13.18	172	21188	0.49	ng	0.00
25) Fluoranthene-d10	19.28	212	135989	0.52	ng	0.00
29) Terphenyl-d14	19.87	244	29674	0.45	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.45	88	1383	0.142	ng	# 1
3) n-Nitrosodimethylamine	3.79	42	132	0.143	ng	# 19
9) Naphthalene	10.77	128	4839	0.023	ng	# 89
22) Pentachlorophenol	16.91	266	35	Below Cal		86
32) Bis(2-ethylhexyl)phthalate	21.33	149	7589	0.053	ng	# 66

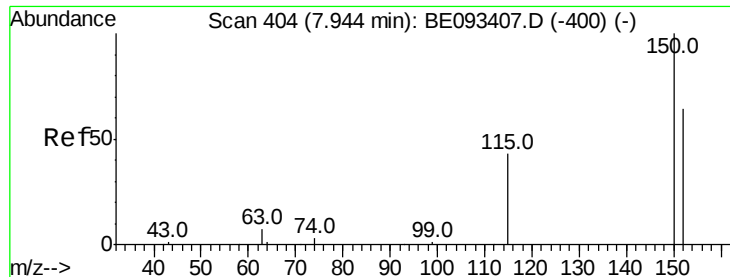
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE071417\
Data File : BE093466.D
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Sample : I4153-01
Misc : L00 0.2 PPM
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
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Quant Time: Jul 17 01:26:49 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: 7.93 min Scan# 403

Delta R.T. -0.01 min

Lab File: BE093466.D

Acq: 14 Jul 2017 11:39

Instrument :

BNA_E

ClientSampleId :

MW-48BR-20170711

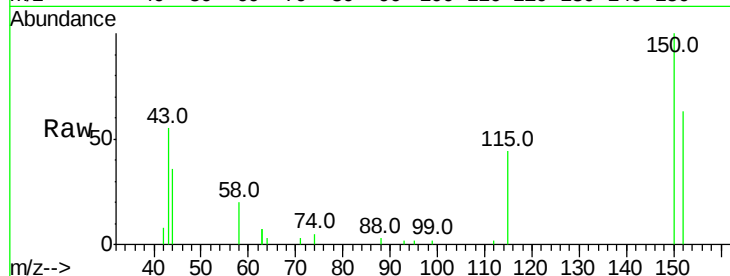
Tot Ion:152 Resp: 4612

Ion Ratio Lower Upper

152 100

150 158.7 125.1 187.7

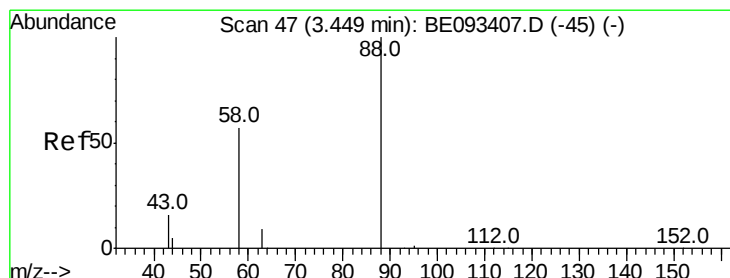
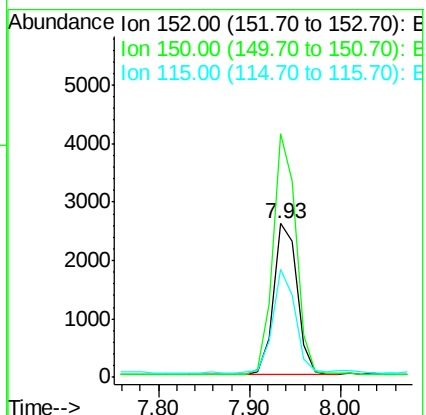
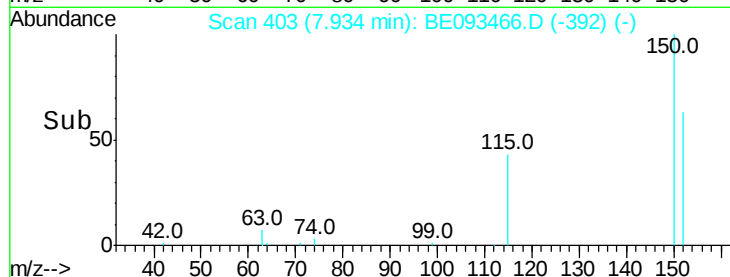
115 70.3 55.7 83.5



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



#2

1,4-Dioxane

Concen: 0.142 ng

RT: 3.45 min Scan# 47

Delta R.T. 0.00 min

Lab File: BE093466.D

Acq: 14 Jul 2017 11:39

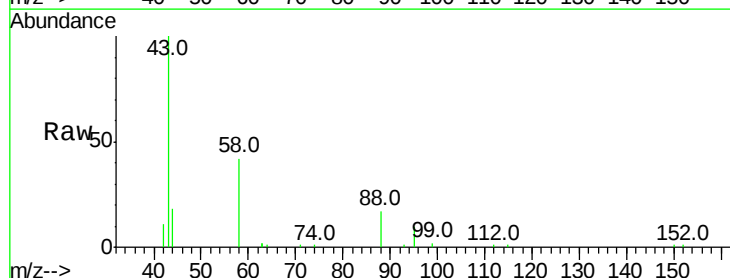
Tgt Ion: 88 Resp: 1383

Ion Ratio Lower Upper

88 100

58 145.2 62.2 93.4#

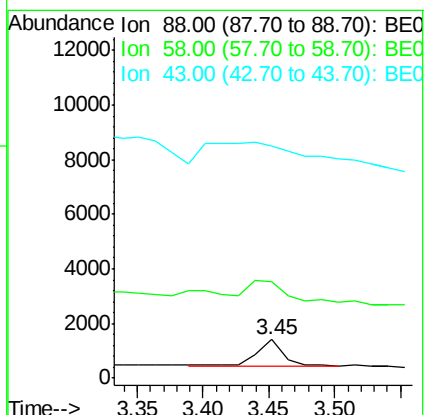
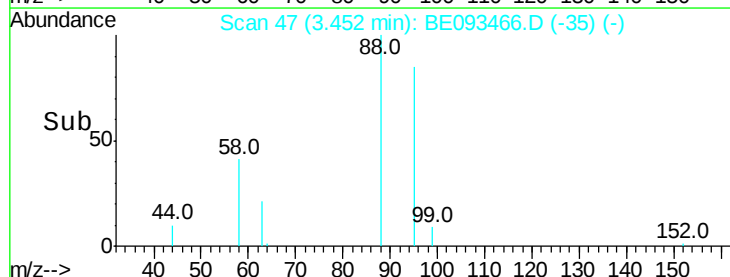
43 357.3 23.2 34.8#

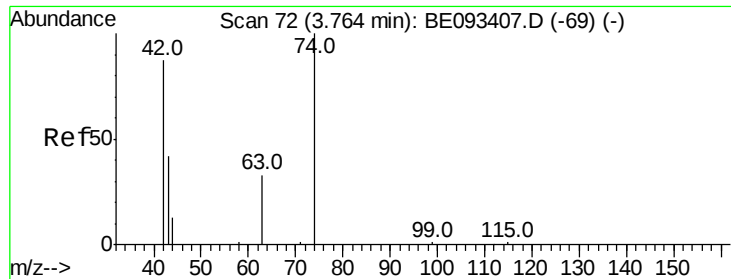


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



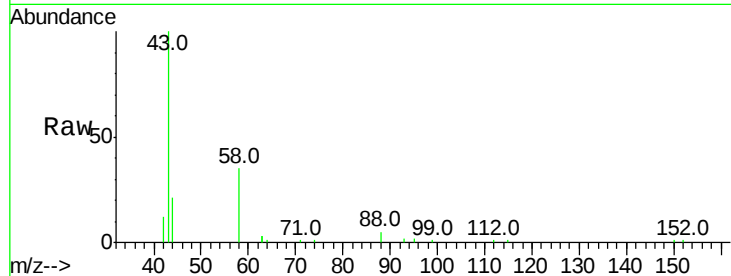


#3

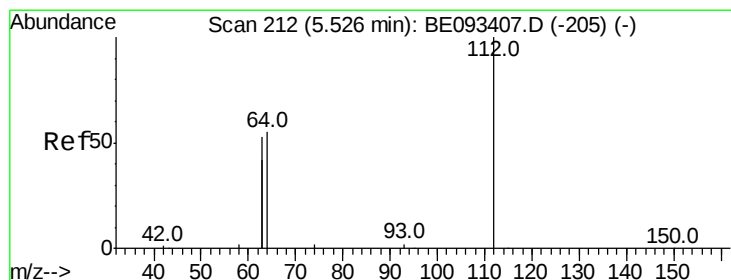
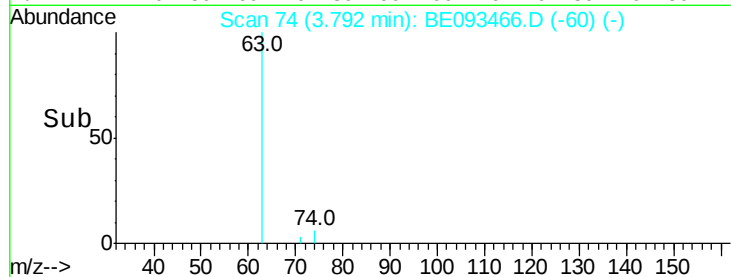
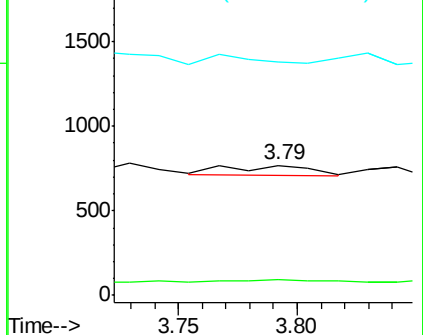
n-Nitrosodimethylamine
 Concen: 0.143 ng
 RT: 3.79 min Scan# 74
 Delta R.T. 0.03 min
 Lab File: BE093466.D
 Acq: 14 Jul 2017 11:39

Instrument :
 BNA_E
 ClientSampleId :
 MW-48BR-20170711

Tot Ion: 42 Resp: 132
 Ion Ratio Lower Upper
 42 100
 74 27.3 99.1 148.7#
 44 0.0 7.4 11.2#



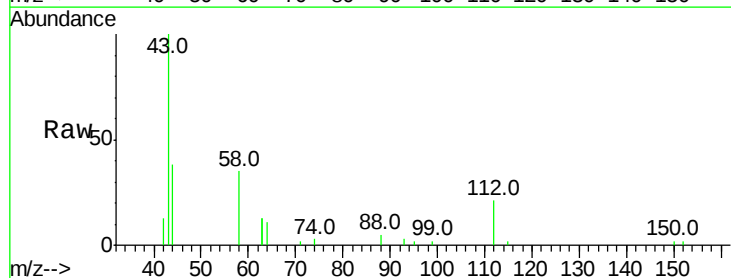
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



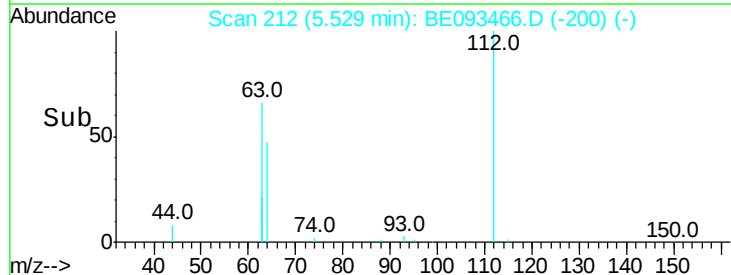
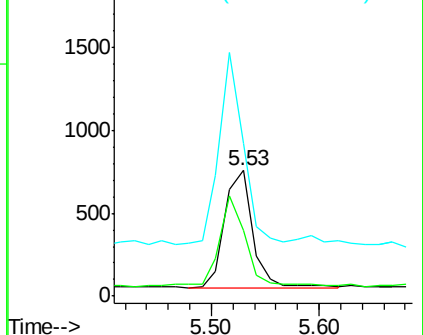
#4

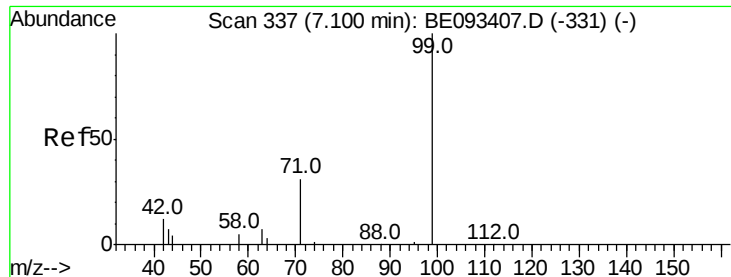
2-Fluorophenol
 Concen: 0.092 ng
 RT: 5.53 min Scan# 212
 Delta R.T. 0.00 min
 Lab File: BE093466.D
 Acq: 14 Jul 2017 11:39

Tgt Ion: 112 Resp: 1274
 Ion Ratio Lower Upper
 112 100
 64 74.0 56.4 84.6
 63 141.2 29.3 43.9#



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: 0.058 ng

RT: 7.10 min Scan# 337

Delta R.T. 0.00 min

Lab File: BE093466.D

Acq: 14 Jul 2017 11:39

Instrument :

BNA_E

ClientSampleId :

MW-48BR-20170711

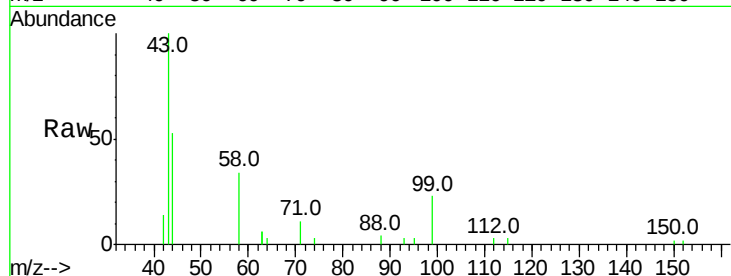
Tot Ion: 99 Resp: 1190

Ion Ratio Lower Upper

99 100

42 29.4 0.0 0.0#

71 49.1 0.0 0.0#

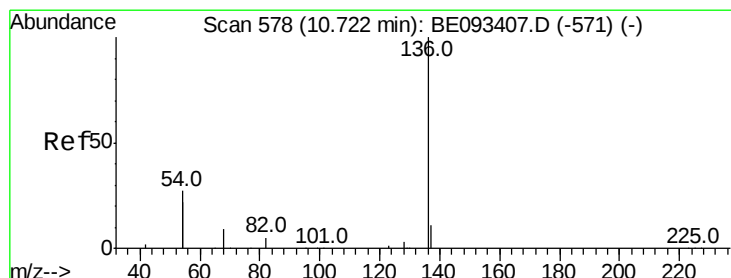
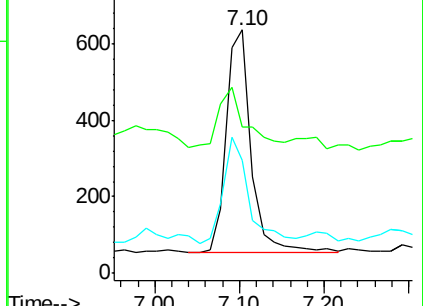
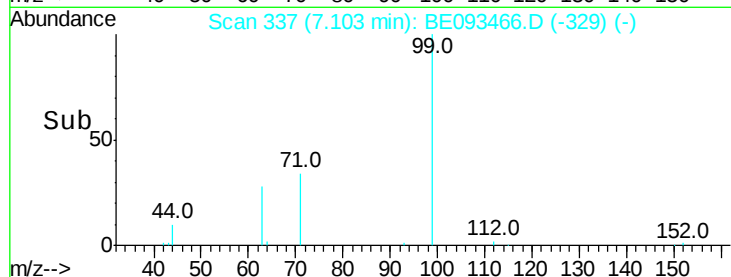


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.72 min Scan# 578

Delta R.T. 0.00 min

Lab File: BE093466.D

Acq: 14 Jul 2017 11:39

Tgt Ion: 136 Resp: 19873

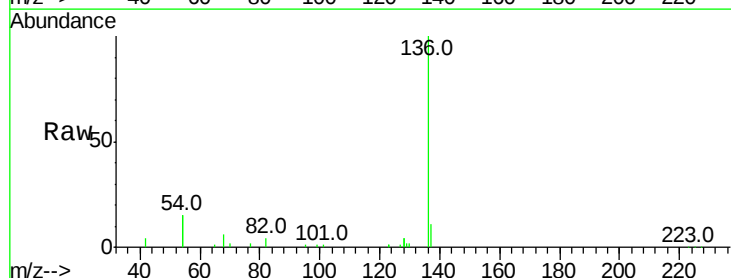
Ion Ratio Lower Upper

136 100

137 11.2 9.8 14.8

54 29.3 10.3 15.5#

68 6.4 9.0 13.4#



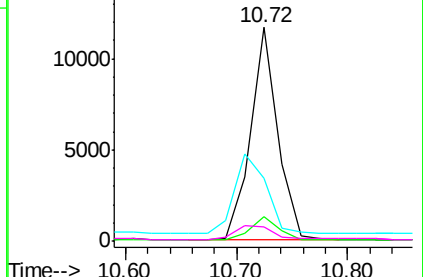
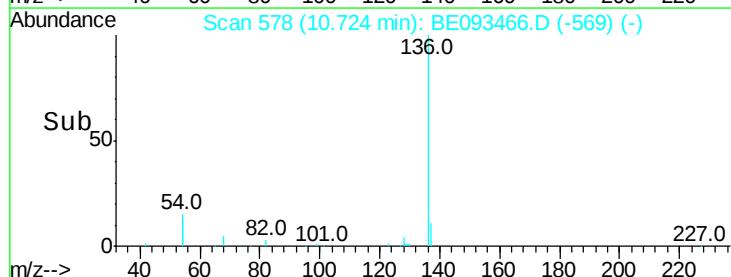
Abundance Ion 136.00 (135.70 to 136.70): E

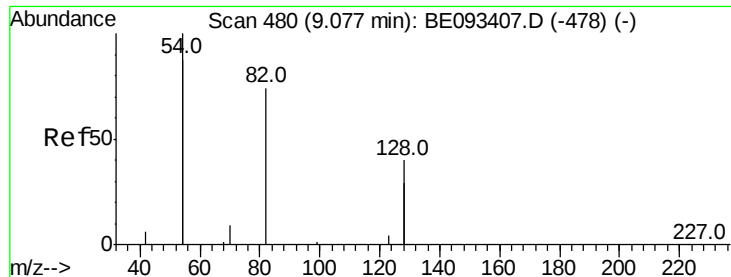
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0

Time-->





#8

Nitrobenzene-d5

Concen: 0.380 ng

RT: 9.08 min Scan# 480

Delta R.T. 0.00 min

Lab File: BE093466.D

Acq: 14 Jul 2017 11:39

Instrument :

BNA_E

ClientSampleId :

MW-48BR-20170711

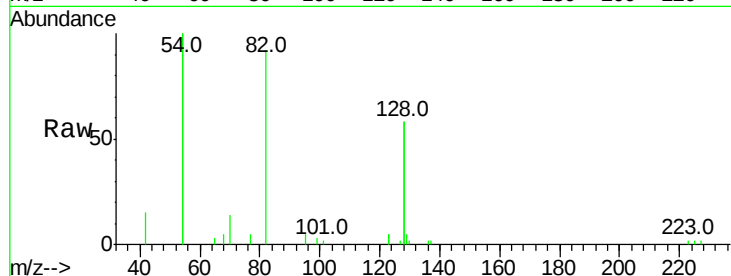
Tot Ion: 82 Resp: 4818

Ion Ratio Lower Upper

82 100

128 126.8 17.0 25.4#

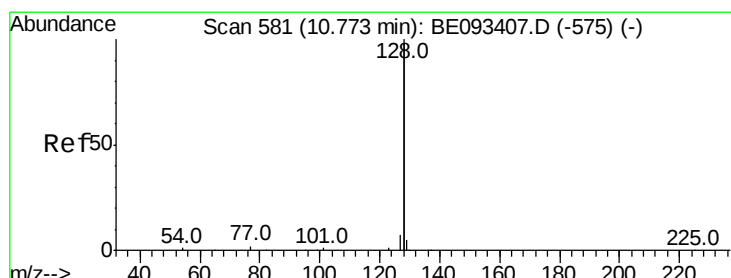
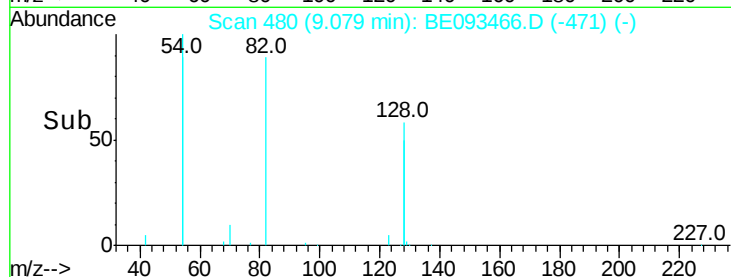
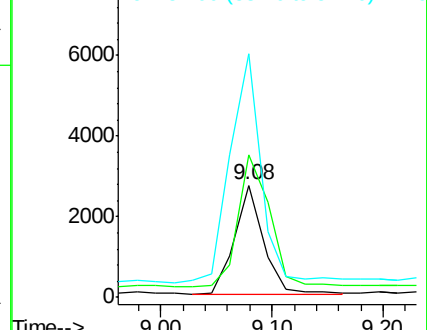
54 217.0 53.8 80.6#



Abundance Ion 82.00 (81.70 to 82.70): BE093407.D (-478) (-)

Ion 128.00 (127.70 to 128.70): BE093407.D (-478) (-)

Ion 54.00 (53.70 to 54.70): BE093407.D (-478) (-)



#9

Naphthalene

Concen: 0.023 ng

RT: 10.77 min Scan# 581

Delta R.T. 0.00 min

Lab File: BE093466.D

Acq: 14 Jul 2017 11:39

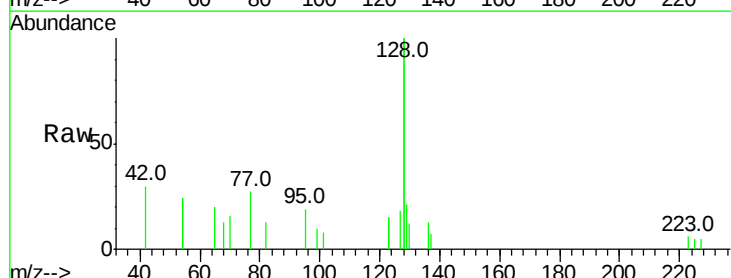
Tgt Ion: 128 Resp: 4839

Ion Ratio Lower Upper

128 100

129 10.3 11.4 17.0#

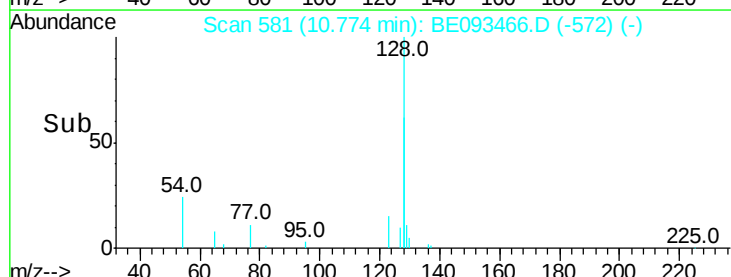
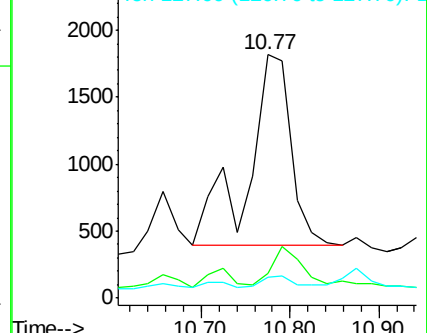
127 8.8 11.2 16.8#

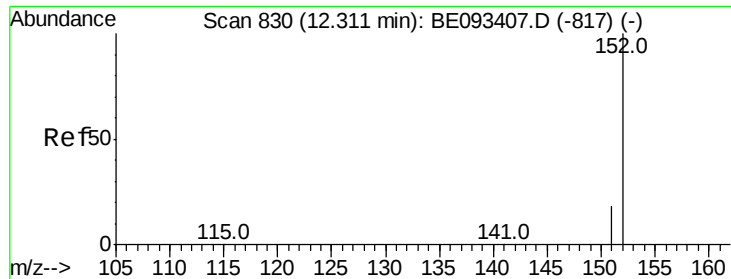


Abundance Ion 128.00 (127.70 to 128.70): BE093407.D (-575) (-)

Ion 129.00 (128.70 to 129.70): BE093407.D (-575) (-)

Ion 127.00 (126.70 to 127.70): BE093407.D (-575) (-)

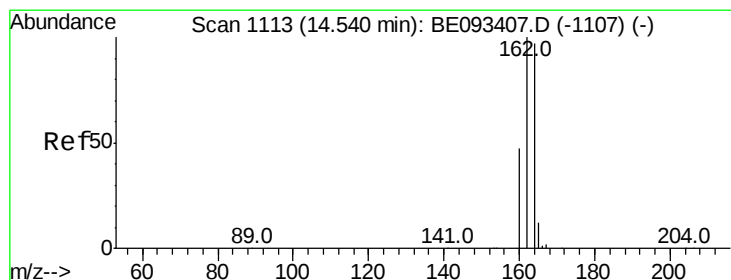
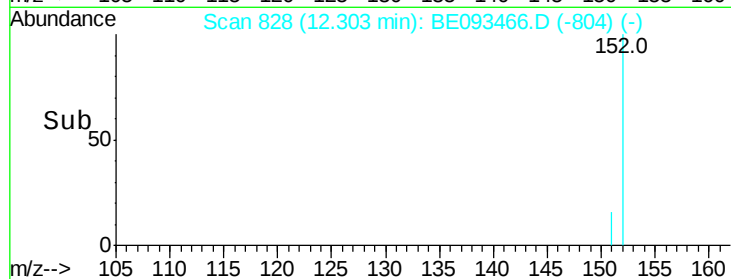
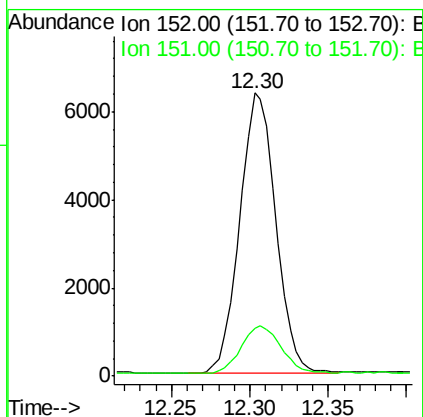
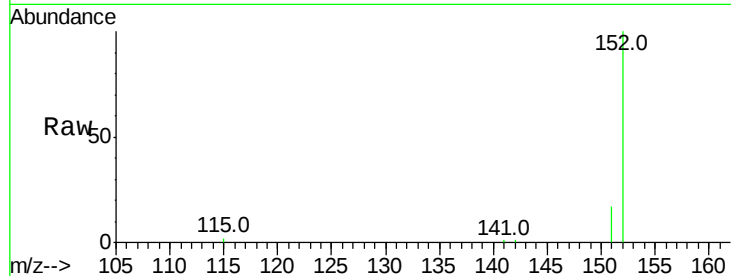




#11
 2-Methylnaphthalene-d10
 Concen: 0.321 ng
 RT: 12.30 min Scan# 828
 Delta R.T. -0.01 min
 Lab File: BE093466.D
 Acq: 14 Jul 2017 11:39

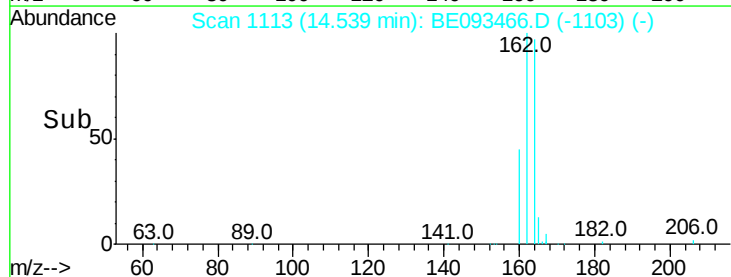
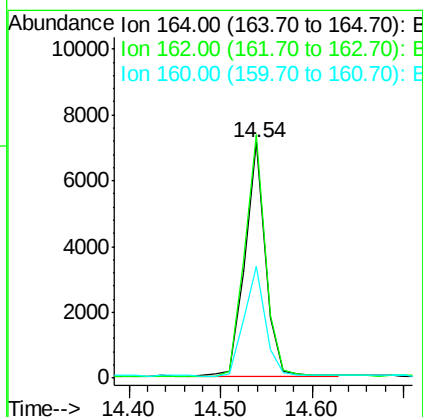
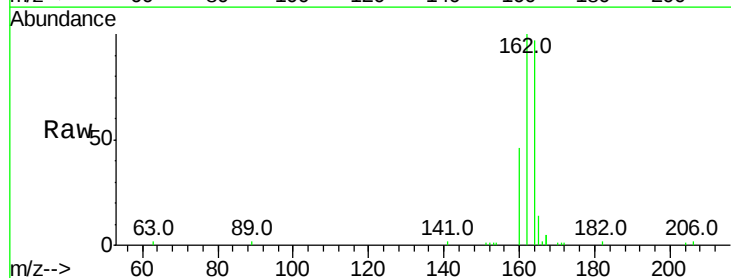
Instrument :
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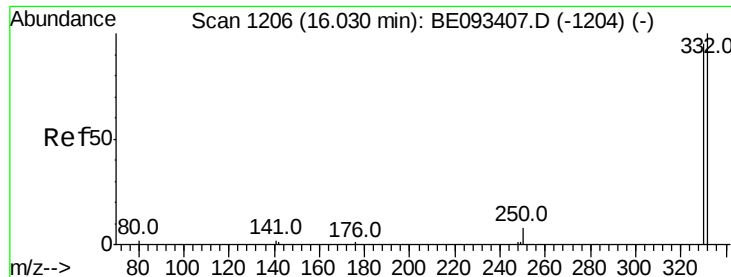
Tot Ion:152 Resp: 10186
 Ion Ratio Lower Upper
 152 100
 151 18.9 15.1 22.7



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.54 min Scan# 1113
 Delta R.T. -0.00 min
 Lab File: BE093466.D
 Acq: 14 Jul 2017 11:39

Tgt Ion:164 Resp: 11148
 Ion Ratio Lower Upper
 164 100
 162 103.2 84.6 127.0
 160 47.6 41.8 62.6

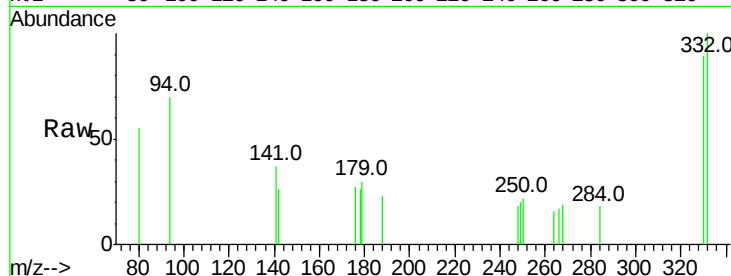




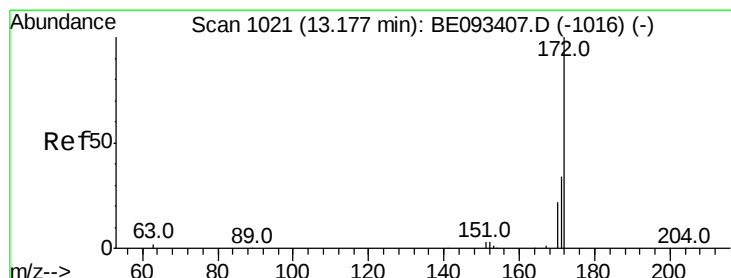
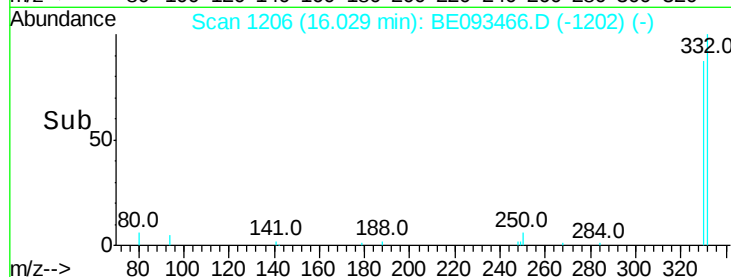
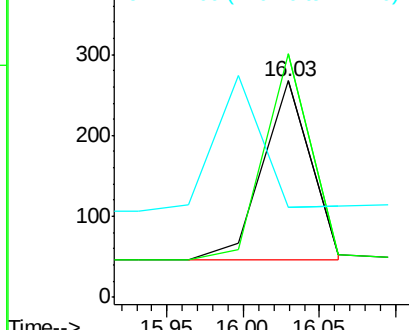
#14
 2,4,6-Tribromophenol
 Concen: 0.137 ng
 RT: 16.03 min Scan# 1206
 Delta R.T. -0.00 min
 Lab File: BE093466.D
 Acq: 14 Jul 2017 11:39

Instrument :
 BNA_E
 ClientSampleId :
 MW-48BR-20170711

Tot Ion:330 Resp: 481
 Ion Ratio Lower Upper
 330 100
 332 111.4 77.7 116.5
 141 0.0 56.2 84.4#

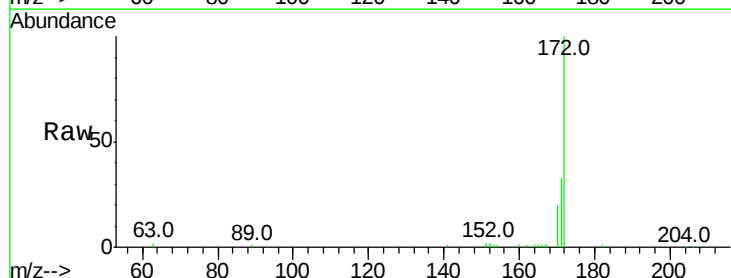


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

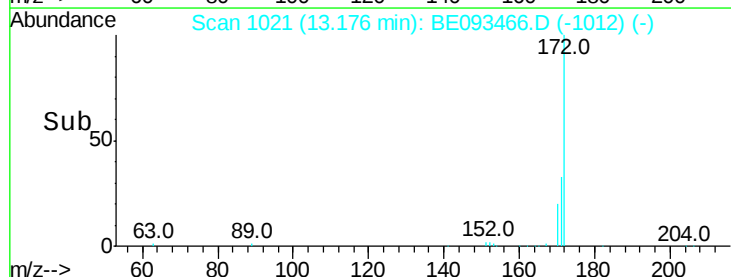
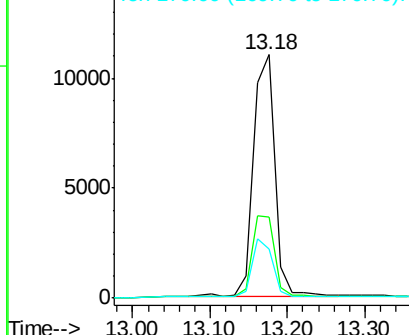


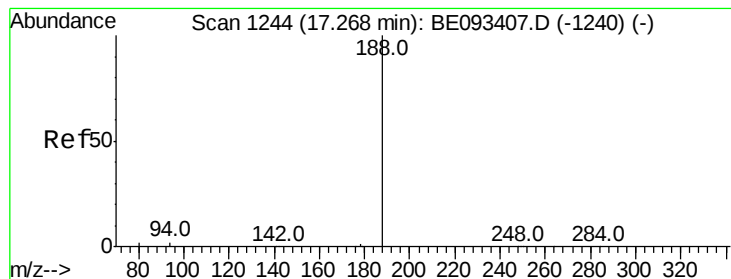
#15
 2-Fluorobiphenyl
 Concen: 0.490 ng
 RT: 13.18 min Scan# 1021
 Delta R.T. -0.00 min
 Lab File: BE093466.D
 Acq: 14 Jul 2017 11:39

Tgt Ion:172 Resp: 21188
 Ion Ratio Lower Upper
 172 100
 171 33.1 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: BE093466.D

Acq: 14 Jul 2017 11:39

Instrument :

BNA_E

ClientSampleId :

MW-48BR-20170711

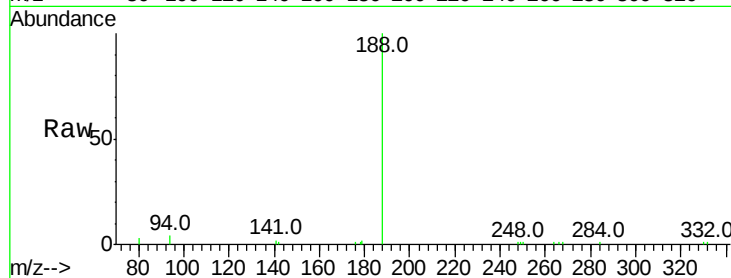
Tot Ion:188 Resp: 21582

Ion Ratio Lower Upper

188 100

94 4.4 11.3 16.9#

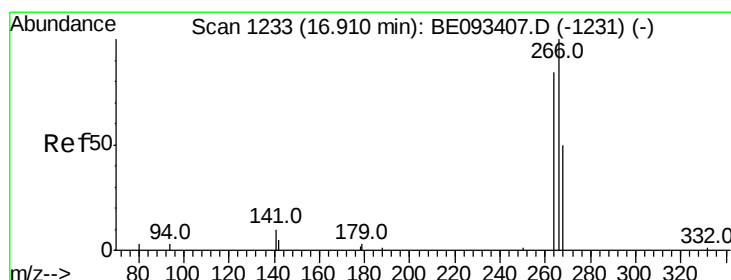
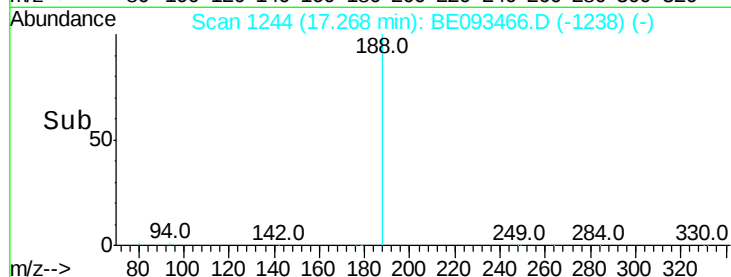
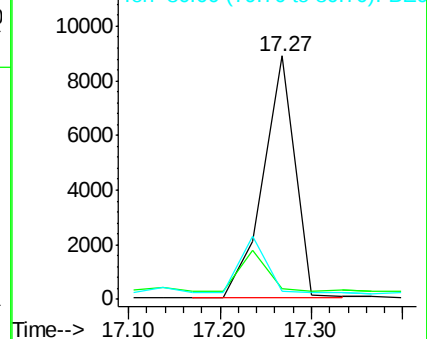
80 3.2 11.7 17.5#



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: BE093466.D

Acq: 14 Jul 2017 11:39

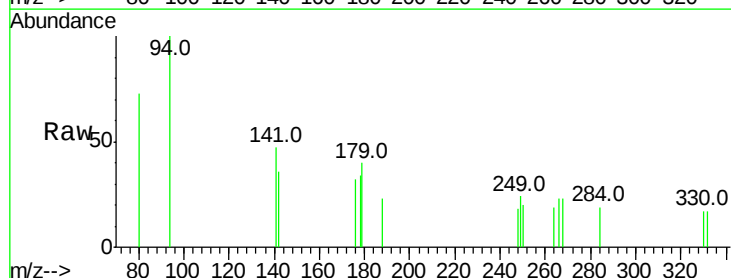
Tgt Ion:266 Resp: 35

Ion Ratio Lower Upper

266 100

264 85.9 58.2 87.2

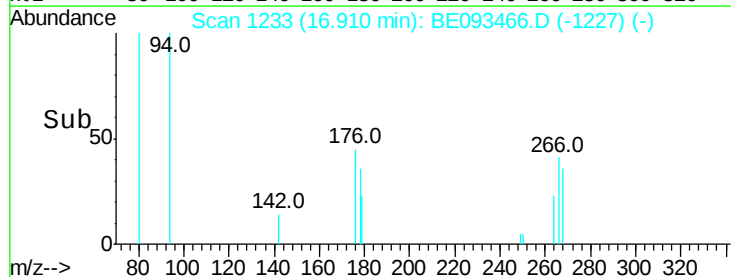
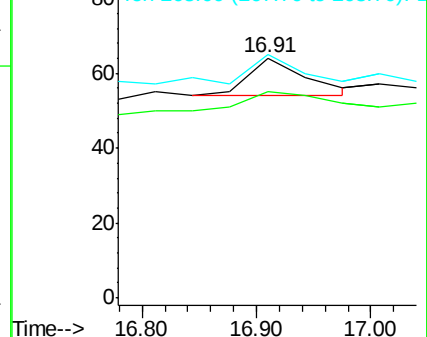
268 101.6 71.9 107.9

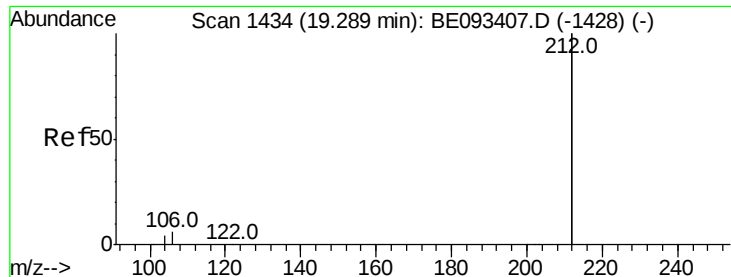


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

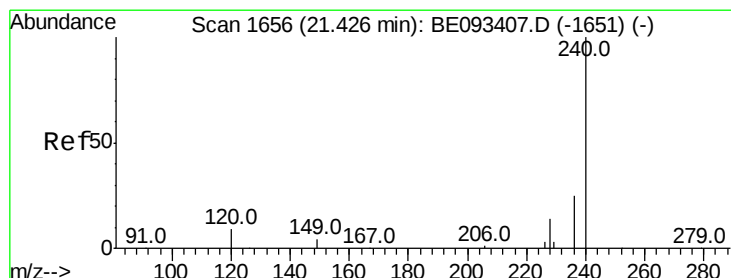
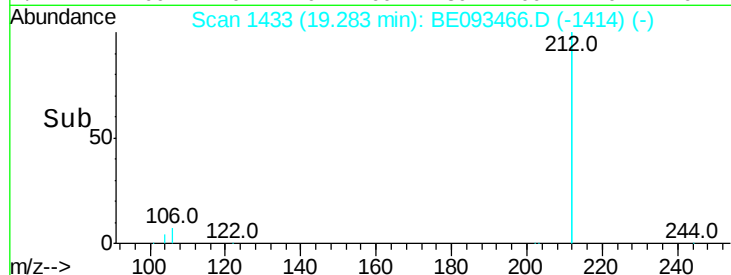
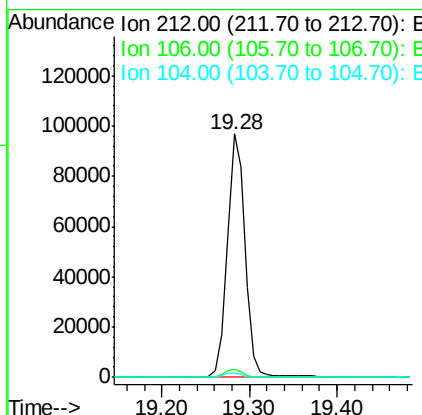
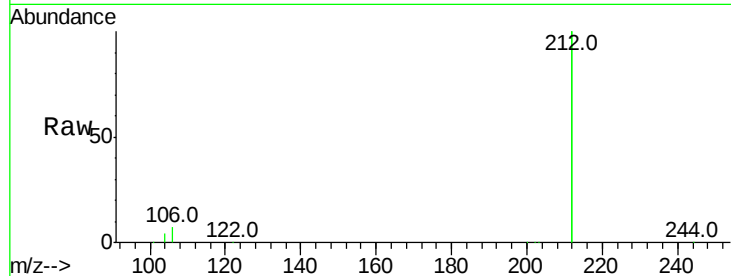




#25
 Fluoranthene-d10
 Concen: 0.523 ng
 RT: 19.28 min Scan# 1433
 Delta R.T. -0.01 min
 Lab File: BE093466.D
 Acq: 14 Jul 2017 11:39

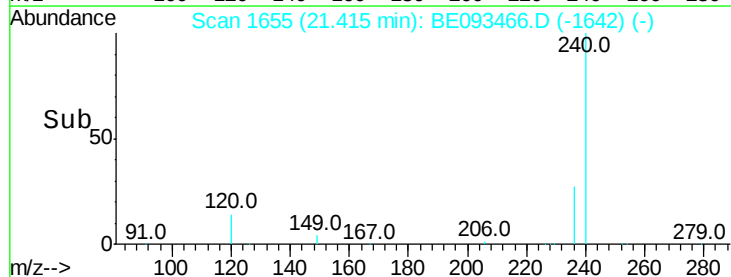
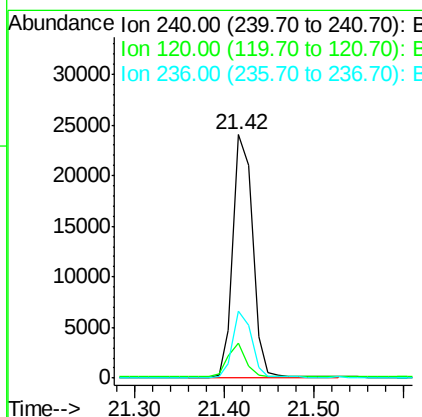
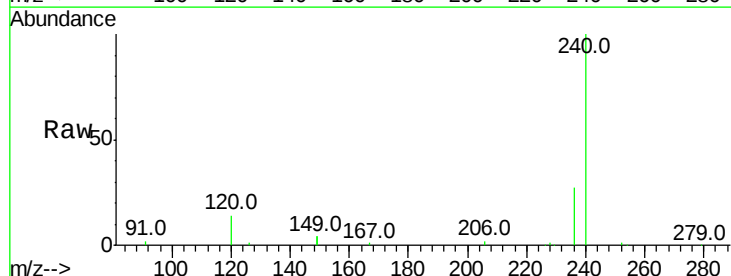
Instrument :
 BNA_E
 ClientSampleId :
 MW-48BR-20170711

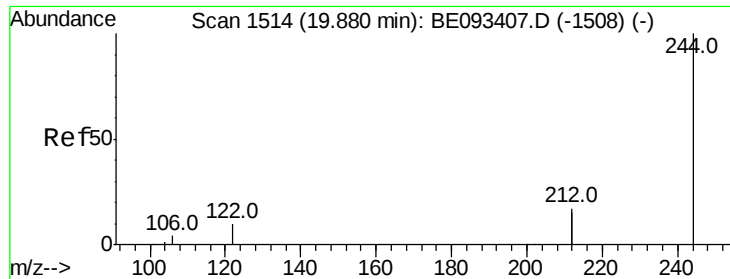
Tot Ion:212 Resp: 135989
 Ion Ratio Lower Upper
 212 100
 106 3.4 2.4 3.6
 104 1.9 1.6 2.4



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.42 min Scan# 1655
 Delta R.T. -0.01 min
 Lab File: BE093466.D
 Acq: 14 Jul 2017 11:39

Tgt Ion:240 Resp: 36721
 Ion Ratio Lower Upper
 240 100
 120 14.3 4.6 7.0#
 236 27.5 20.8 31.2





#29

Terphenyl-d14

Concen: 0.453 ng

RT: 19.87 min Scan# 1513

Delta R.T. -0.01 min

Lab File: BE093466.D

Acq: 14 Jul 2017 11:39

Instrument :

BNA_E

ClientSampleId :

MW-48BR-20170711

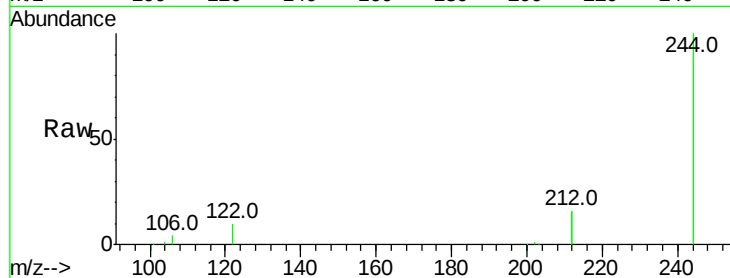
Tot Ion:244 Resp: 29674

Ion Ratio Lower Upper

244 100

212 32.1 10.6 16.0#

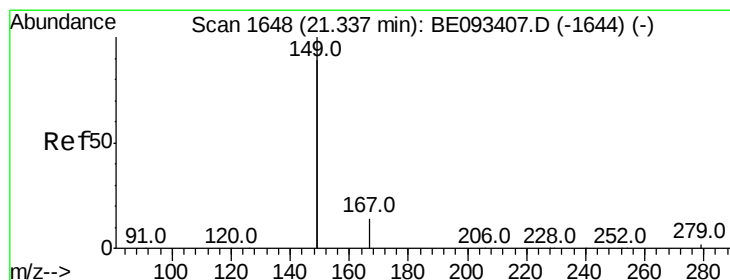
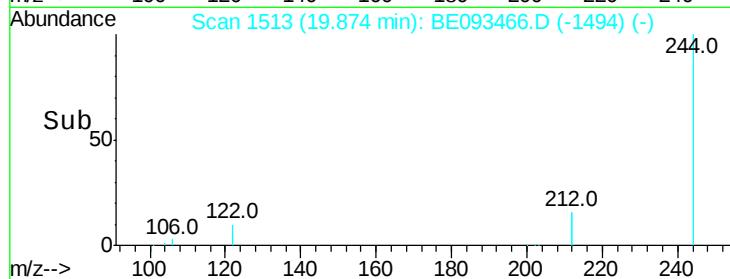
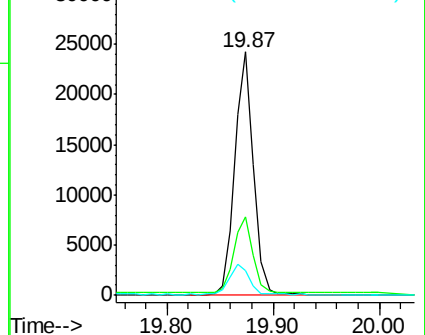
122 10.2 15.4 23.0#



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: 0.053 ng

RT: 21.33 min Scan# 1647

Delta R.T. -0.01 min

Lab File: BE093466.D

Acq: 14 Jul 2017 11:39

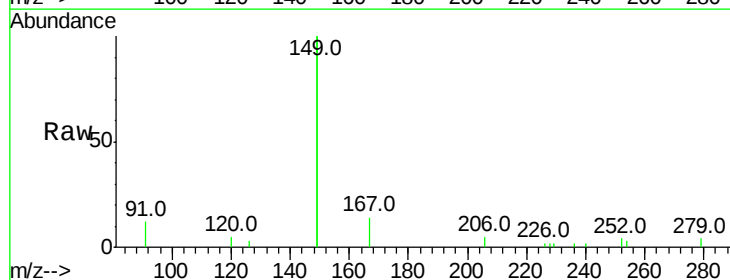
Tgt Ion:149 Resp: 7589

Ion Ratio Lower Upper

149 100

167 6.5 20.1 30.1#

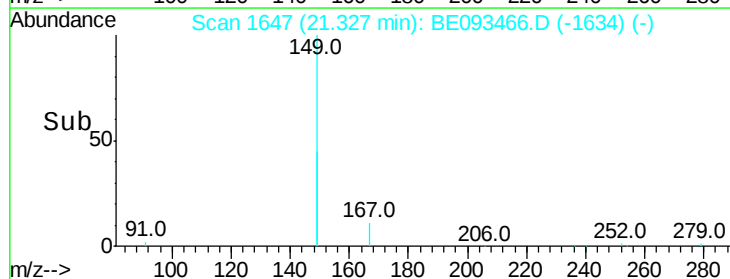
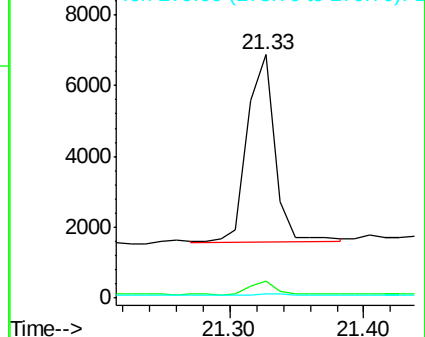
279 1.2 2.2 3.4#

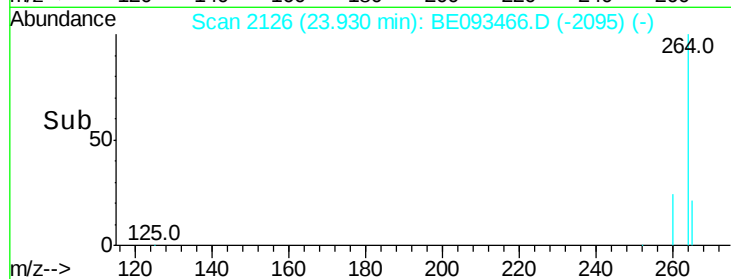
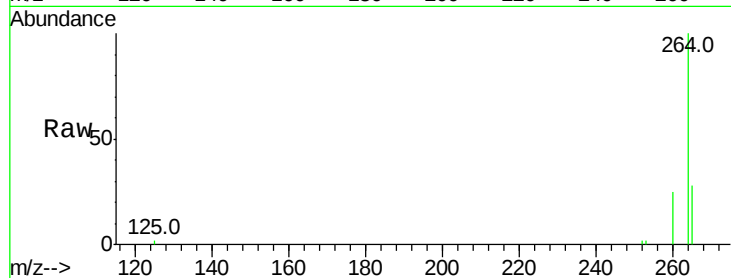
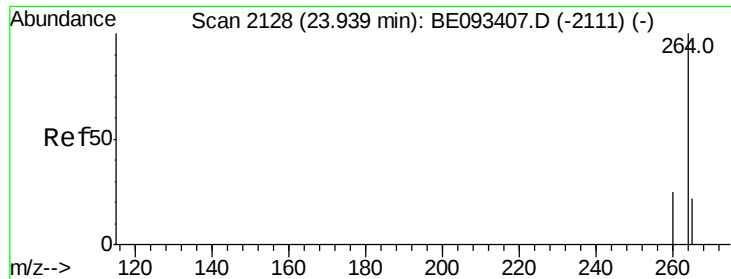


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34

Pervlene-d12

Concen: 0.400 ng

RT: 23.93 min Scan# 2126

Delta R.T. -0.01 min

Lab File: BE093466.D

Acq: 14 Jul 2017 11:39

Instrument :

BNA_E

ClientSampleId :

MW-48BR-20170711

Tot Ion:264 Resp: 31672

Ion Ratio Lower Upper

264 100

260 24.7 21.0 31.4

265 27.6 24.6 36.8

