

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE090517\
 Data File : BE093947.D
 Acq On : 5 Sep 2017 21:29
 Operator : SJ/JU
 Sample : I5078-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 MWHR2-9

Quant Time: Sep 06 05:28:38 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

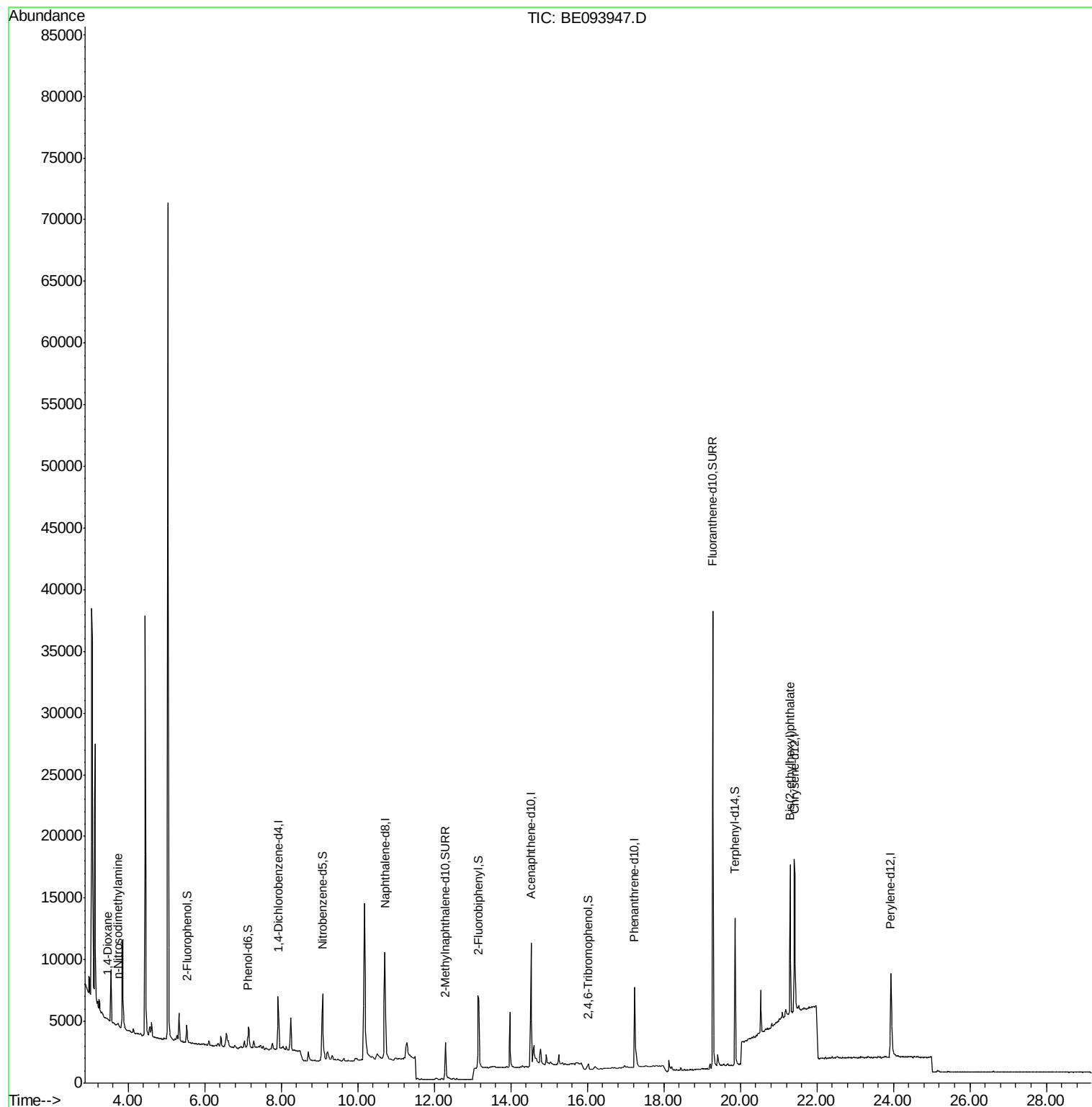
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	2177	0.40	ng	0.00
7) Naphthalene-d8	10.71	136	10865	0.40	ng	0.00
13) Acenaphthene-d10	14.52	164	6099	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	11283	0.40	ng	-0.03
27) Chrysene-d12	21.41	240	16060	0.40	ng	-0.01
34) Perylene-d12	23.93	264	12736	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.53	112	919	0.13	ng	0.00
5) Phenol-d6	7.13	99	793	0.08	ng	0.01
8) Nitrobenzene-d5	9.08	82	2771	0.30	ng	0.00
11) 2-Methylnaphthalene-d10	12.29	152	4967	0.29	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	510	0.27	ng	0.00
15) 2-Fluorobiphenyl	13.16	172	7684	0.32	ng	0.00
25) Fluoranthene-d10	19.28	212	53683	0.32	ng	0.00
29) Terphenyl-d14	19.86	244	11562	0.39	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.46	88	210	0.070	ng	# 18
3) n-Nitrosodimethylamine	3.73	42	86	0.024	ng	# 1
20) 4-Bromophenyl-phenylether	16.42	248	10	Below Cal		# 11
23) Phenanthrene	17.30	178	432	Below Cal		# 63
32) Bis(2-ethylhexyl)phthalate	21.30	149	13723	0.115	ng	# 100

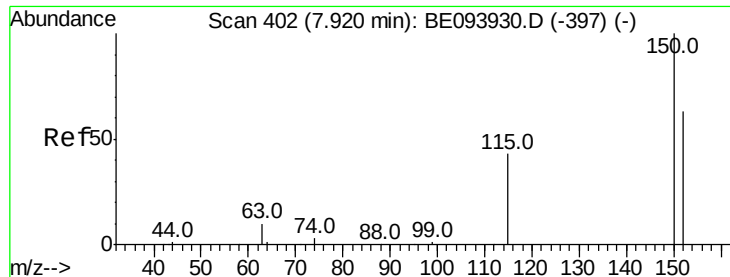
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.92 min Scan# 402

Delta R.T. -0.00 min

Lab File: BE093947.D

Acq: 5 Sep 2017 21:29

Instrument :

BNA_E

ClientSampleId :

MWHR2-9

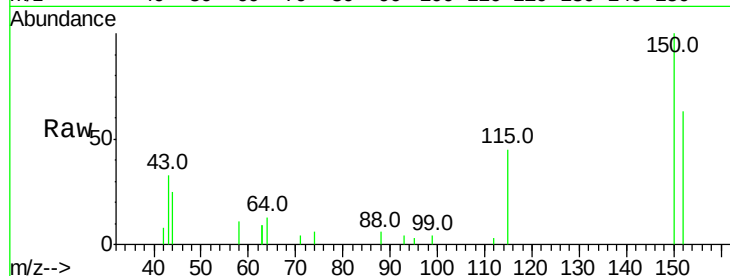
Tot Ion:152 Resp: 2177

Ion Ratio Lower Upper

152 100

150 158.0 121.8 182.6

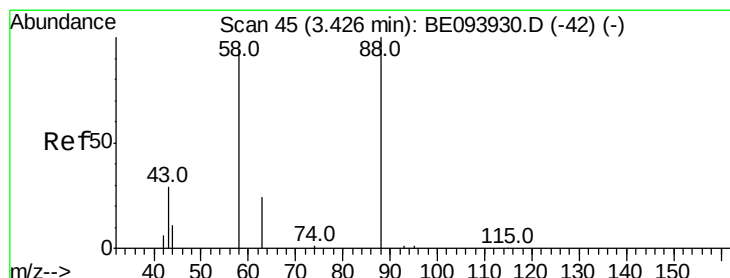
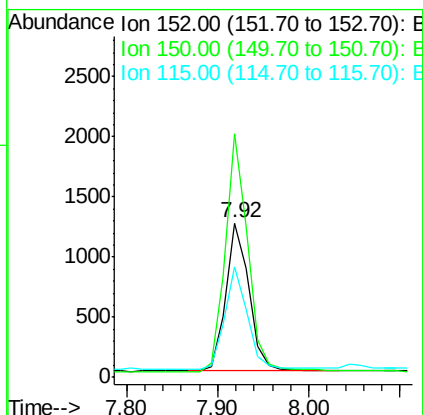
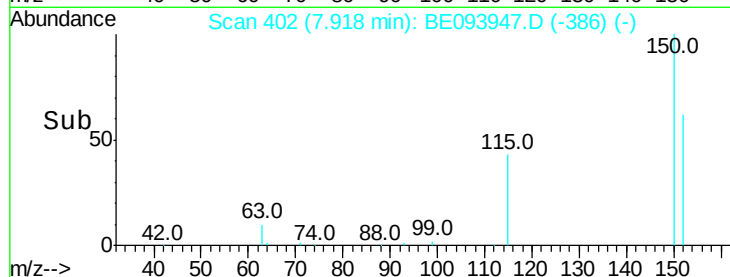
115 71.4 52.6 79.0



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



#2

1,4-Dioxane

Concen: 0.070 ng

RT: 3.46 min Scan# 48

Delta R.T. 0.04 min

Lab File: BE093947.D

Acq: 5 Sep 2017 21:29

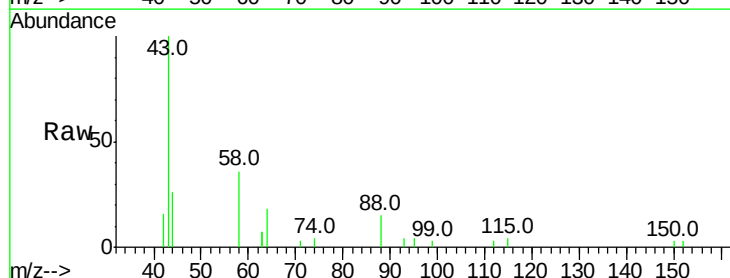
Tgt Ion: 88 Resp: 210

Ion Ratio Lower Upper

88 100

58 0.0 65.4 98.0#

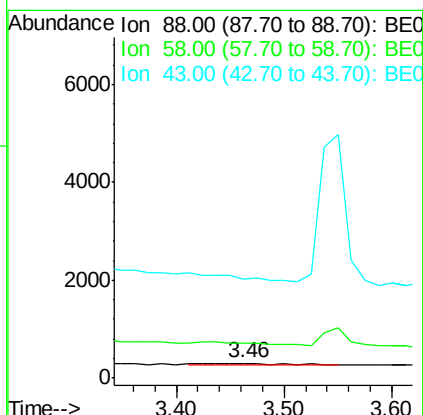
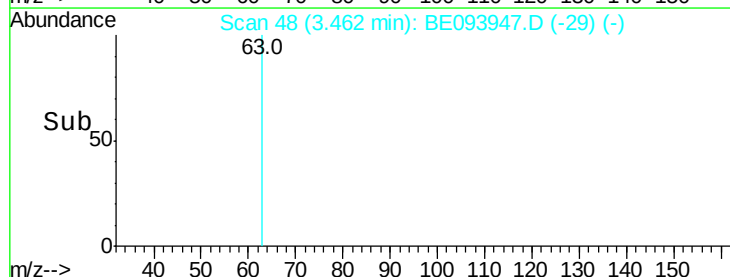
43 0.0 23.9 35.9#

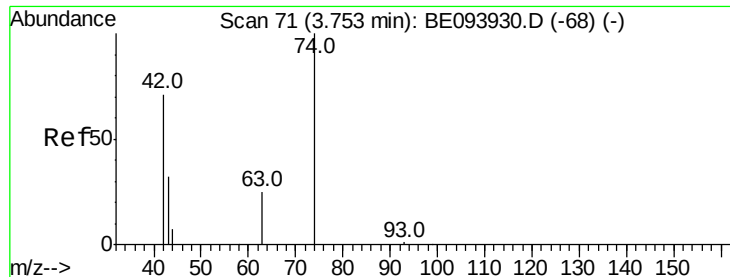


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.024 ng

RT: 3.73 min Scan# 69

Delta R.T. -0.03 min

Lab File: BE093947.D

Acq: 5 Sep 2017 21:29

Instrument :

BNA_E

ClientSampleId :

MWHR2-9

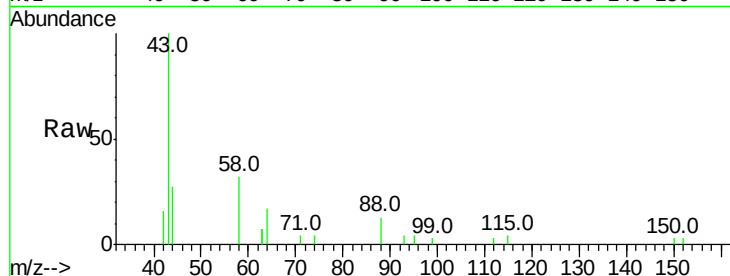
Tot Ion: 42 Resp: 86

Ion Ratio Lower Upper

42 100

74 0.0 104.0 156.0#

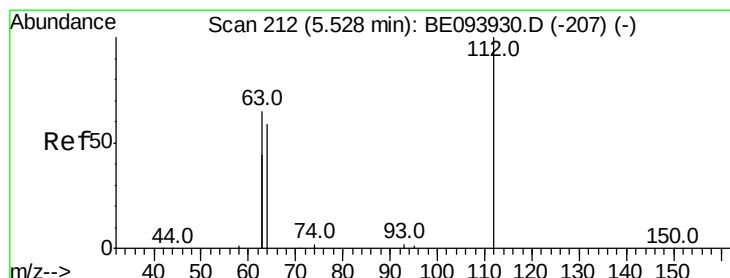
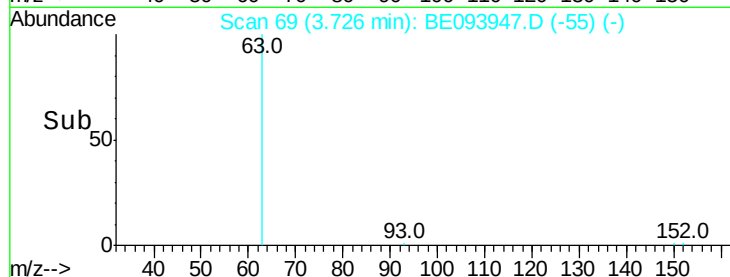
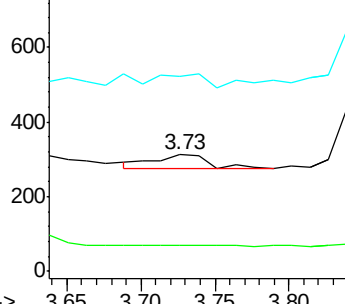
44 88.4 13.8 20.8#



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: 0.130 ng

RT: 5.53 min Scan# 212

Delta R.T. -0.00 min

Lab File: BE093947.D

Acq: 5 Sep 2017 21:29

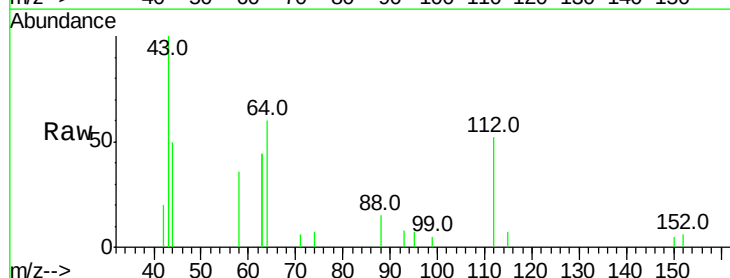
Tgt Ion: 112 Resp: 919

Ion Ratio Lower Upper

112 100

64 77.5 57.7 86.5

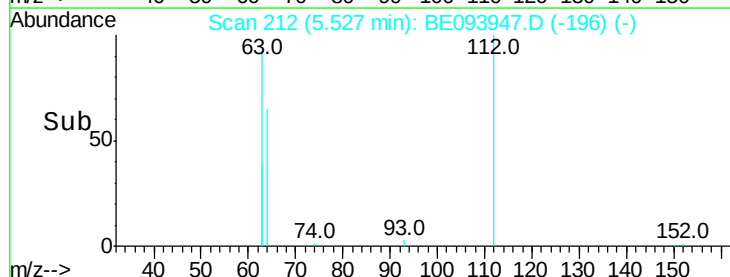
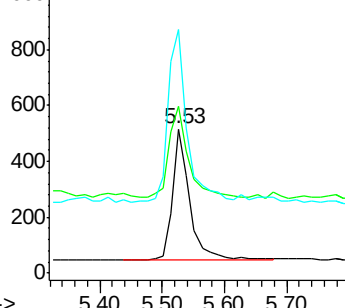
63 145.8 116.0 174.0

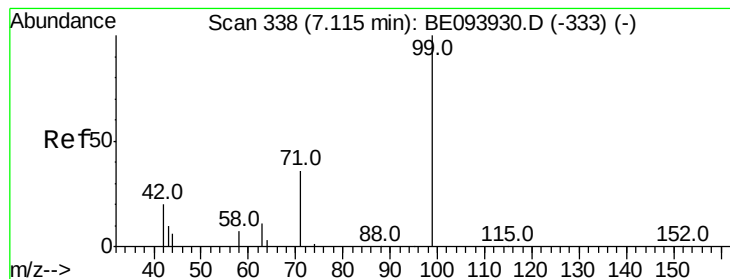


Abundance Ion 112.00 (111.70 to 112.70): E

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: 7.13 min Scan# 339

Delta R.T. 0.01 min

Lab File: BE093947.D

Acq: 5 Sep 2017 21:29

Instrument :

BNA_E

ClientSampled :

MWHR2-9

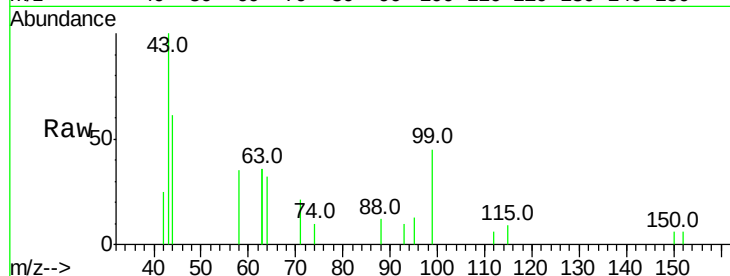
Tot Ion: 99 Resp: 793

Ion Ratio Lower Upper

99 100

42 27.2 17.1 25.7#

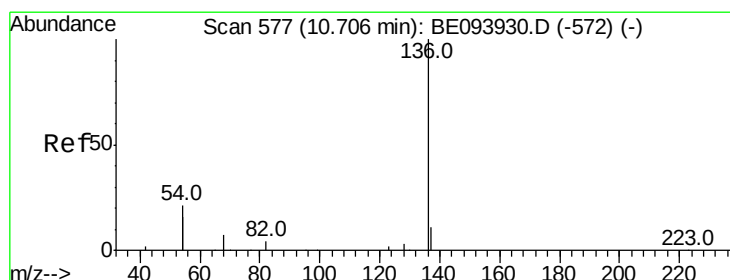
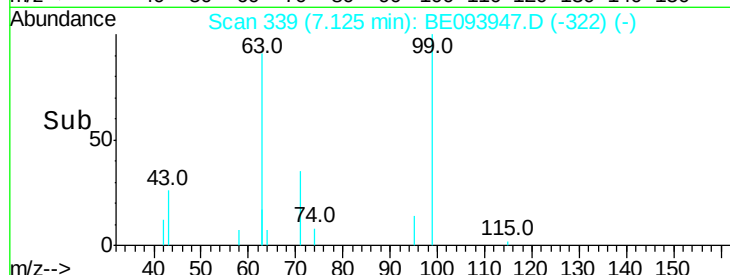
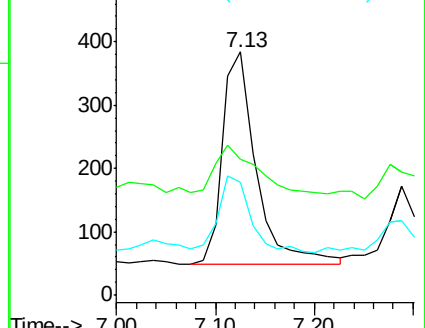
71 36.1 26.6 39.8



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: 10.71 min Scan# 577

Delta R.T. 0.00 min

Lab File: BE093947.D

Acq: 5 Sep 2017 21:29

Tgt Ion: 136 Resp: 10865

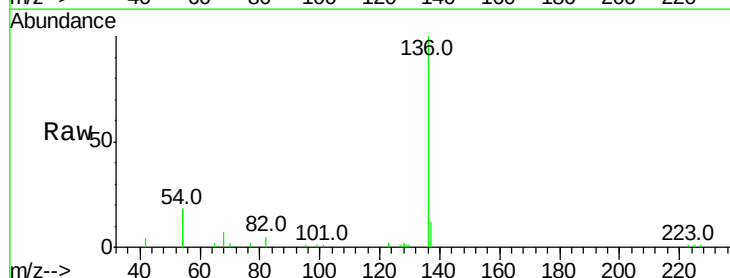
Ion Ratio Lower Upper

136 100

137 11.6 9.2 13.8

54 35.1 21.9 32.9#

68 7.1 4.6 7.0#

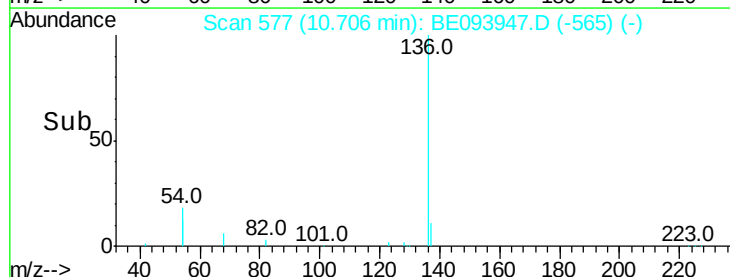
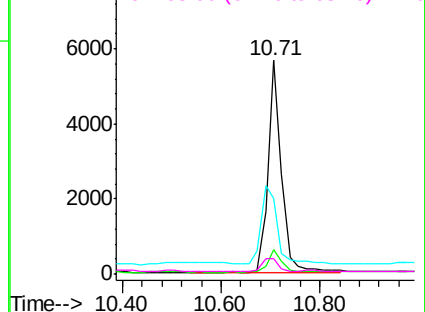


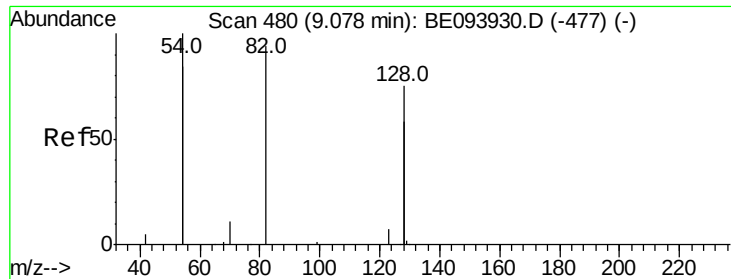
Abundance Ion 136.00 (135.70 to 136.70): E

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

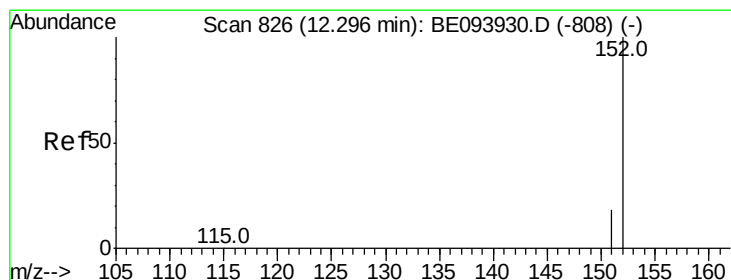
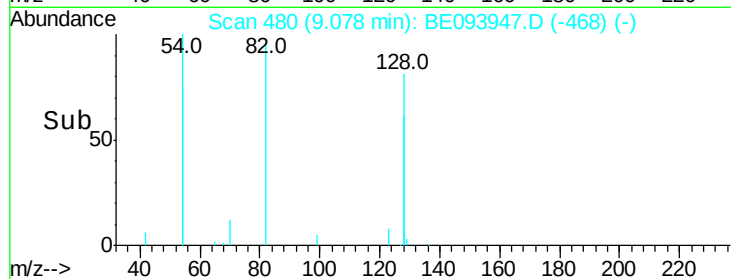
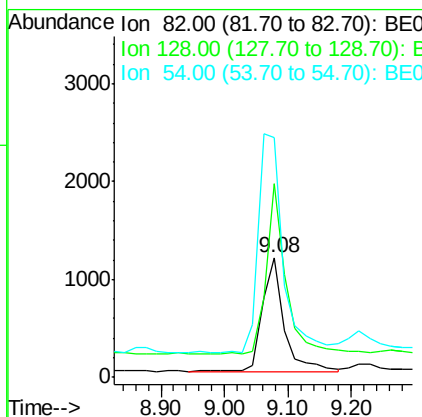
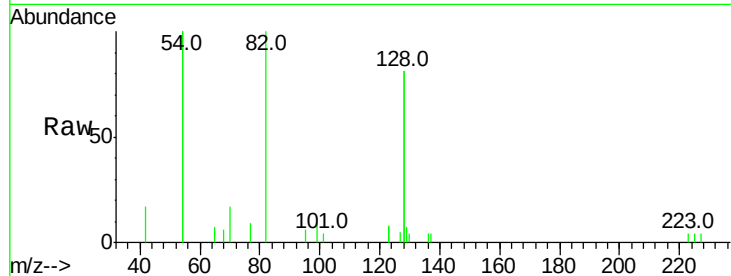




#8
 Nitrobenzene-d5
 Concen: 0.301 ng
 RT: 9.08 min Scan# 480
 Delta R.T. 0.00 min
 Lab File: BE093947.D
 Acq: 5 Sep 2017 21:29

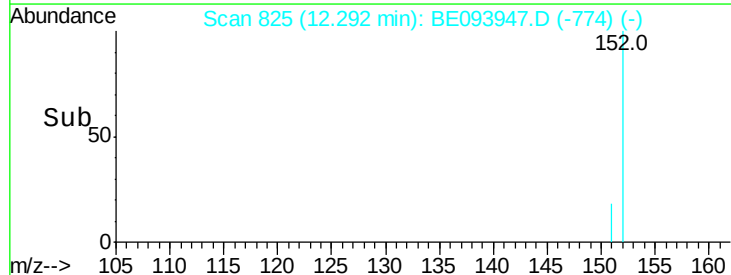
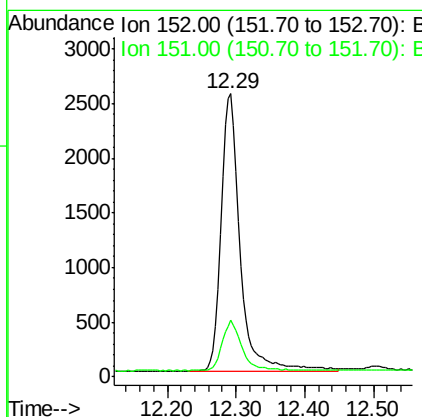
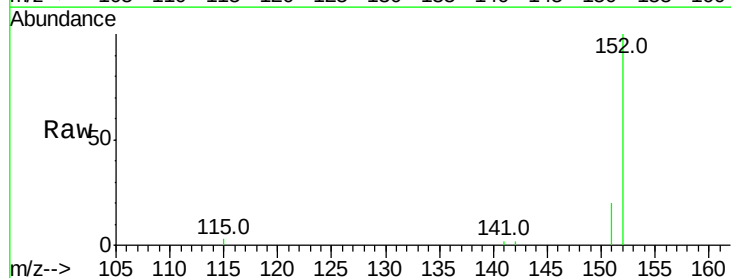
Instrument :
 BNA_E
 ClientSampleId :
 MWHR2-9

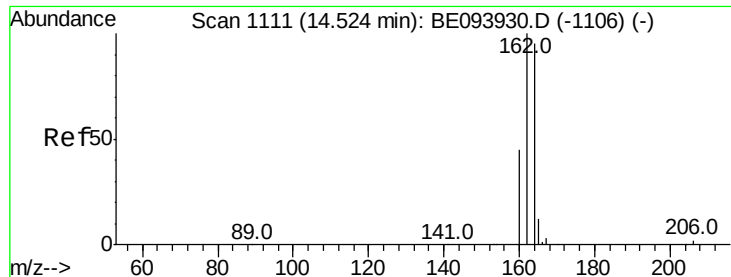
Tot Ion: 82 Resp: 2771
 Ion Ratio Lower Upper
 82 100
 128 161.1 91.4 137.0#
 54 200.0 197.8 296.8



#11
 2-Methylnaphthalene-d10
 Concen: 0.286 ng
 RT: 12.29 min Scan# 825
 Delta R.T. -0.00 min
 Lab File: BE093947.D
 Acq: 5 Sep 2017 21:29

Tgt Ion: 152 Resp: 4967
 Ion Ratio Lower Upper
 152 100
 151 18.5 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: BE093947.D

Acq: 5 Sep 2017 21:29

Instrument :

BNA_E

ClientSampleId :

MWHR2-9

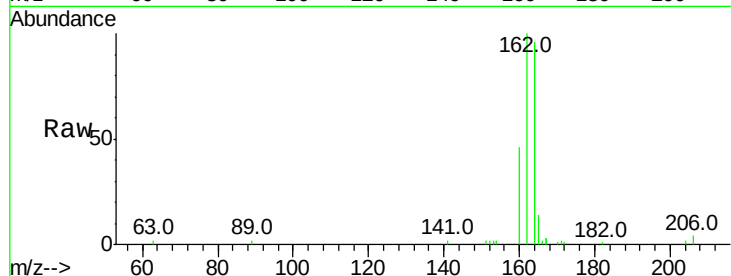
Tot Ion:164 Resp: 6099

Ion Ratio Lower Upper

164 100

162 104.4 80.8 121.2

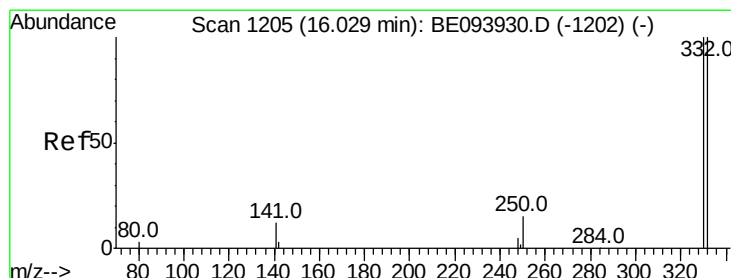
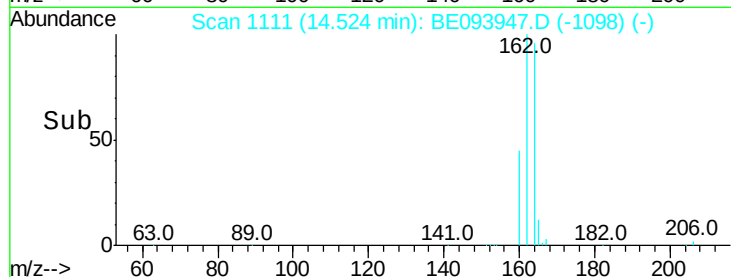
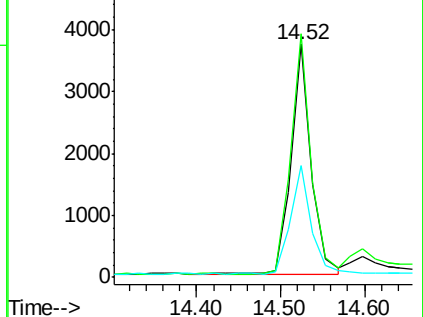
160 47.9 37.0 55.4



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: 0.270 ng

RT: 16.03 min Scan# 1205

Delta R.T. -0.00 min

Lab File: BE093947.D

Acq: 5 Sep 2017 21:29

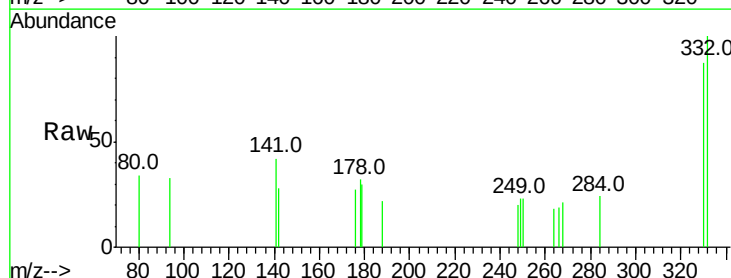
Tgt Ion:330 Resp: 510

Ion Ratio Lower Upper

330 100

332 105.9 76.9 115.3

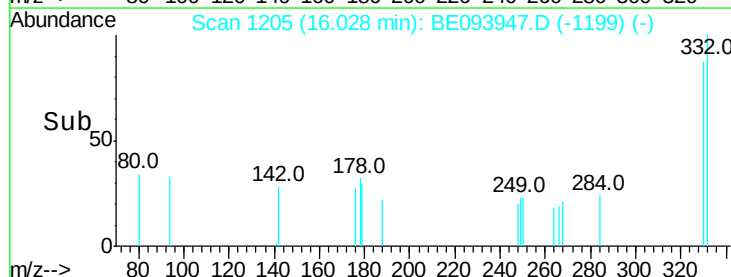
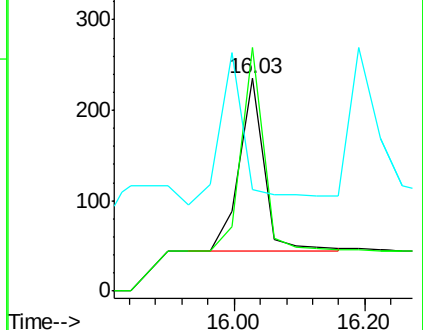
141 0.0 0.0 0.0

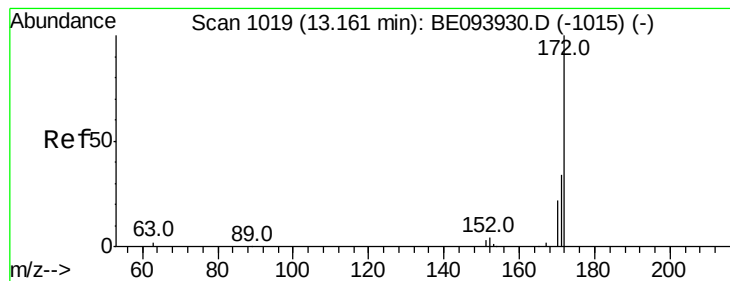


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

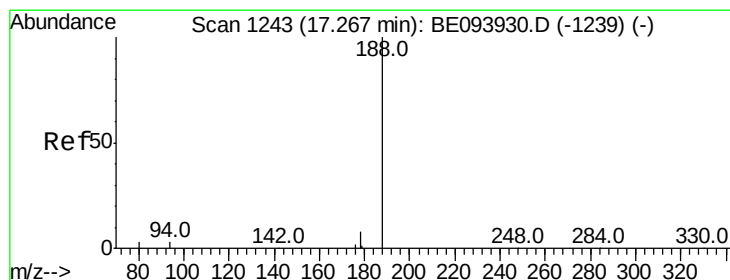
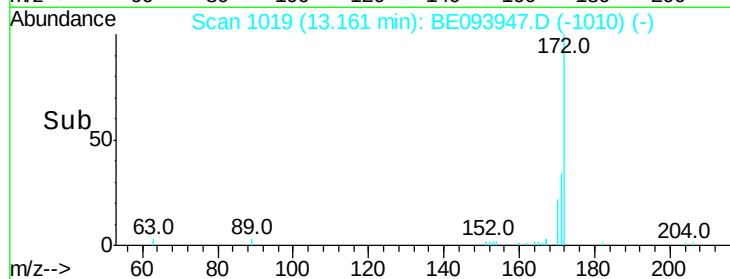
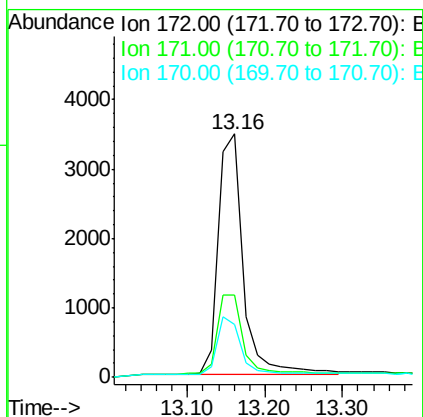
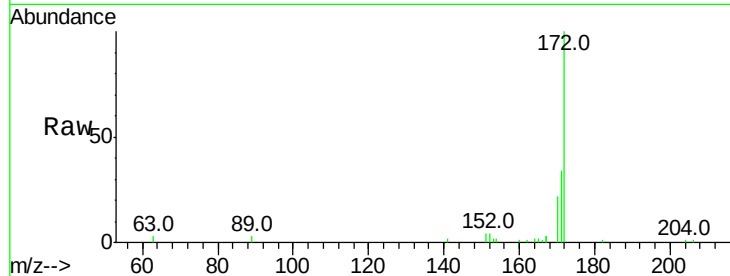




#15
2-Fluorobiphenyl
Concen: 0.319 ng
RT: 13.16 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BE093947.D
Acq: 5 Sep 2017 21:29

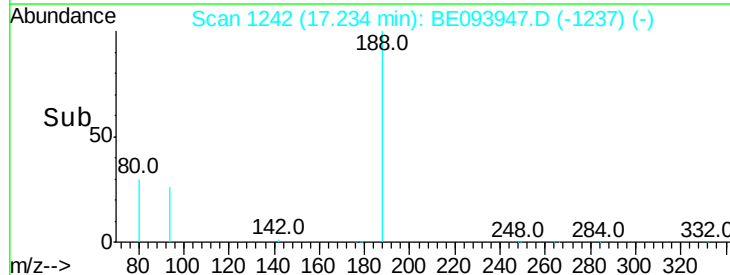
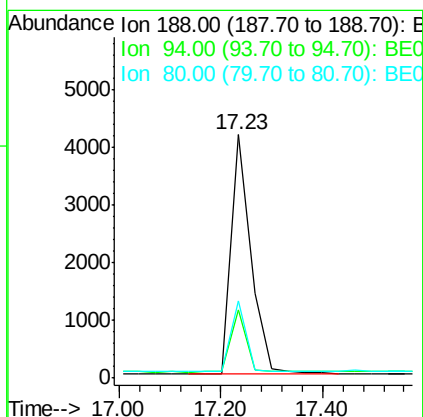
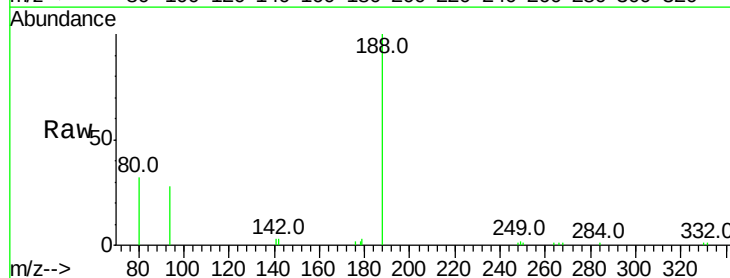
Instrument :
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ClientSampleId :
MWHHR2-9

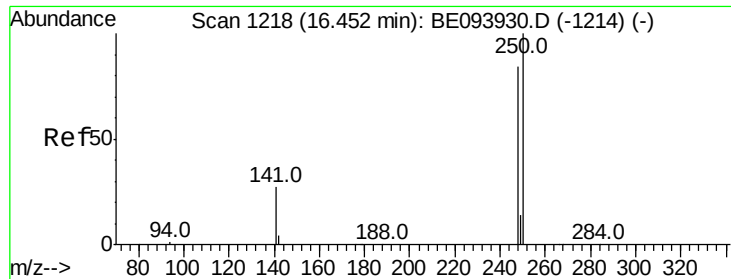
Tot Ion:172 Resp: 7684
Ion Ratio Lower Upper
172 100
171 33.8 26.9 40.3
170 21.7 17.3 25.9



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.23 min Scan# 1242
Delta R.T. -0.03 min
Lab File: BE093947.D
Acq: 5 Sep 2017 21:29

Tgt Ion:188 Resp: 11283
Ion Ratio Lower Upper
188 100
94 28.0 16.1 24.1#
80 31.9 18.2 27.2#

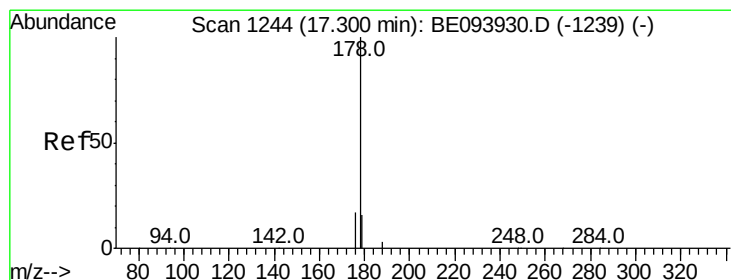
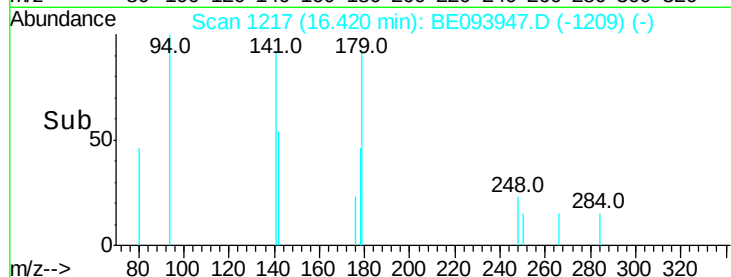
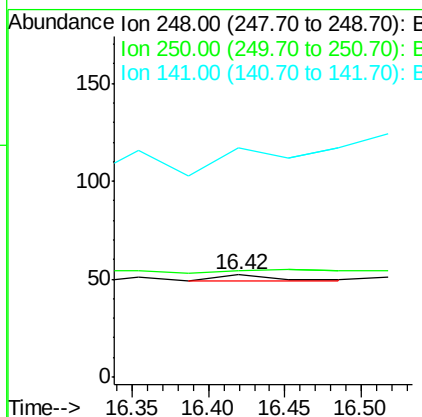
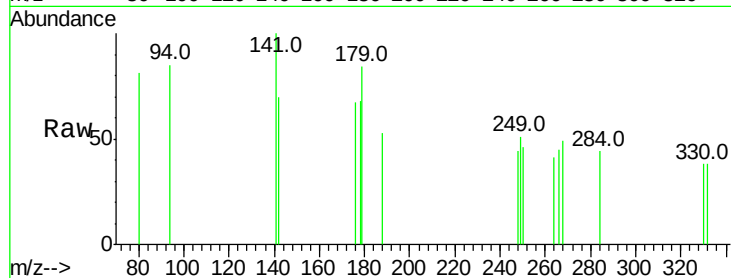




#20
4-Bromophenyl-phenylether
Concen: Below Cal
RT: 16.42 min Scan# 1217
Delta R.T. -0.03 min
Lab File: BE093947.D
Acq: 5 Sep 2017 21:29

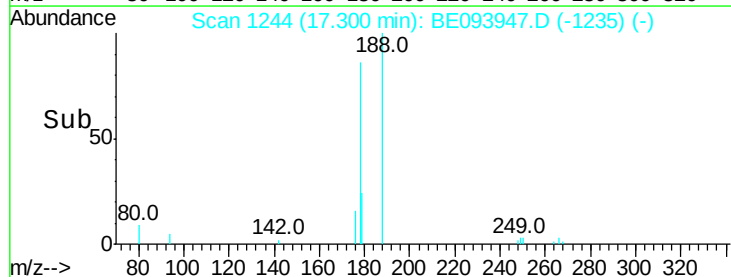
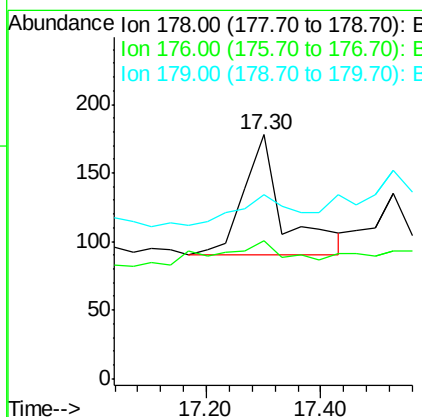
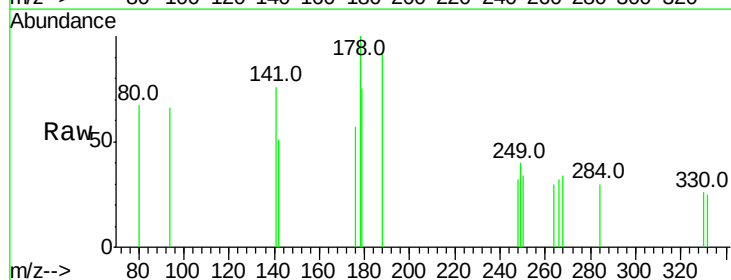
Instrument :
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ClientSampleId :
MWHR2-9

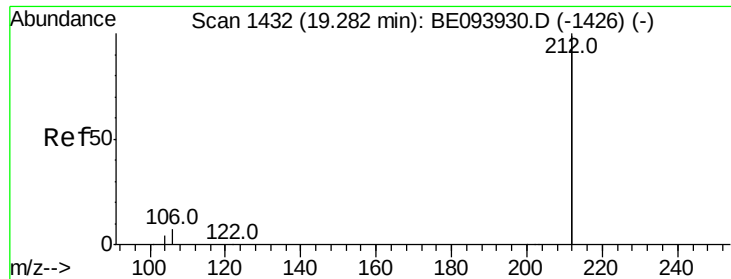
Tot Ion:248 Resp: 10
Ion Ratio Lower Upper
248 100
250 103.8 111.8 167.8#
141 225.0 27.1 40.7#



#23
Phenanthrene
Concen: Below Cal
RT: 17.30 min Scan# 1244
Delta R.T. 0.00 min
Lab File: BE093947.D
Acq: 5 Sep 2017 21:29

Tgt Ion:178 Resp: 432
Ion Ratio Lower Upper
178 100
176 36.6 0.0 0.0#
179 31.3 12.6 18.8#





#25

Fluoranthene-d10

Concen: 0.319 ng

RT: 19.28 min Scan# 1432

Delta R.T. -0.00 min

Lab File: BE093947.D

Acq: 5 Sep 2017 21:29

Instrument :

BNA_E

ClientSampleId :

MWHR2-9

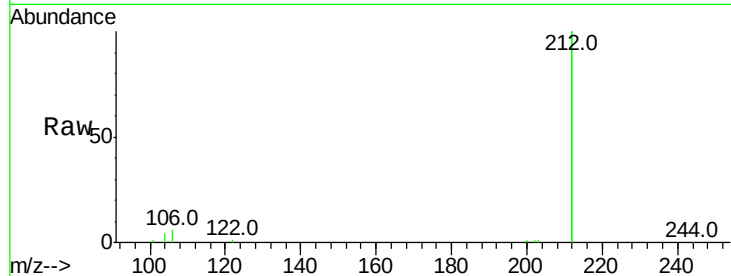
Tot Ion:212 Resp: 53683

Ion Ratio Lower Upper

212 100

106 3.6 2.7 4.1

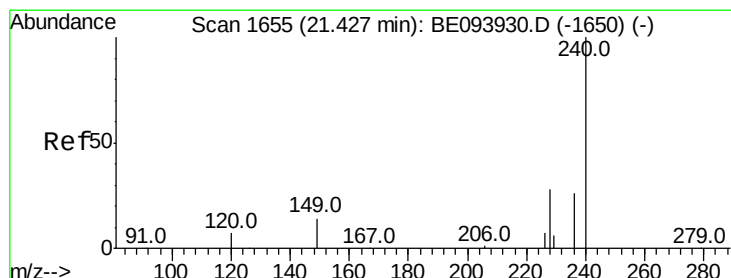
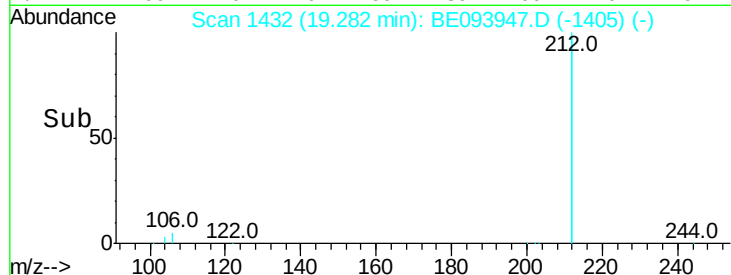
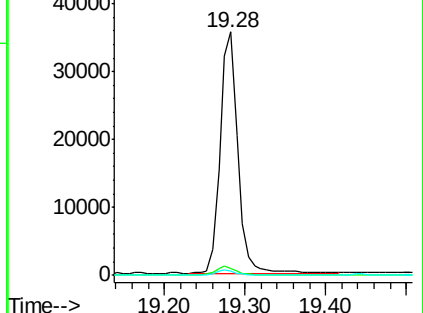
104 2.3 1.6 2.4



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: 21.41 min Scan# 1654

Delta R.T. -0.01 min

Lab File: BE093947.D

Acq: 5 Sep 2017 21:29

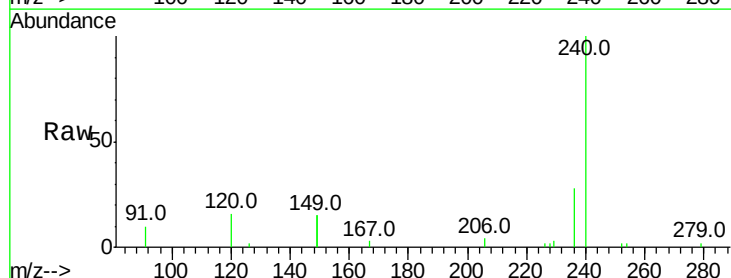
Tgt Ion:240 Resp: 16060

Ion Ratio Lower Upper

240 100

120 16.0 8.7 13.1#

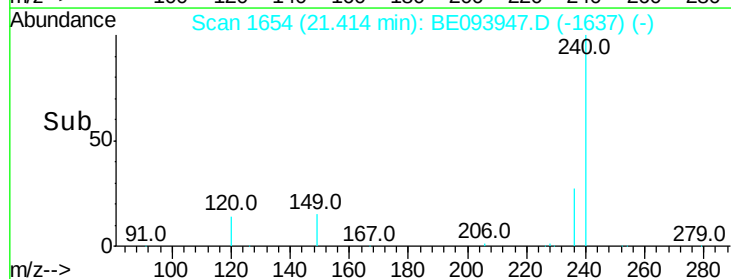
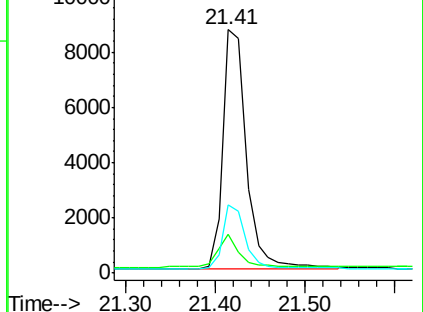
236 28.2 21.3 31.9

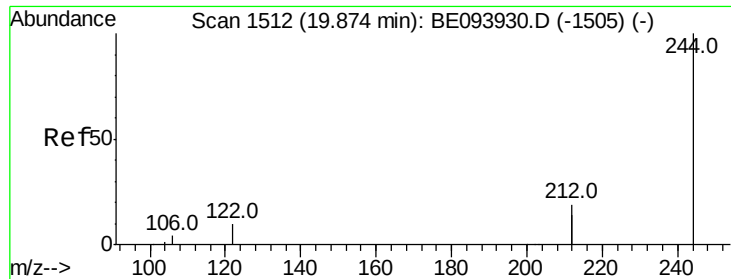


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.391 ng

RT: 19.86 min Scan# 1510

Delta R.T. -0.01 min

Lab File: BE093947.D

Acq: 5 Sep 2017 21:29

Instrument :

BNA_E

ClientSampled :

MWHR2-9

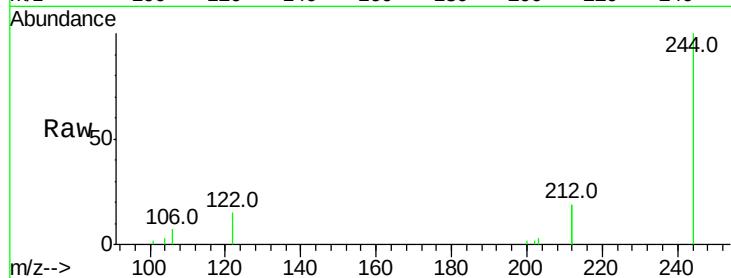
Tot Ion:244 Resp: 11562

Ion Ratio Lower Upper

244 100

212 37.2 28.3 42.5

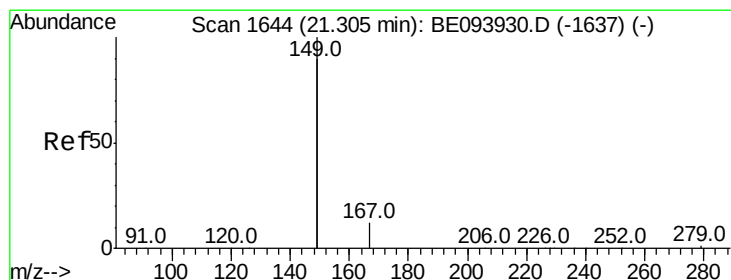
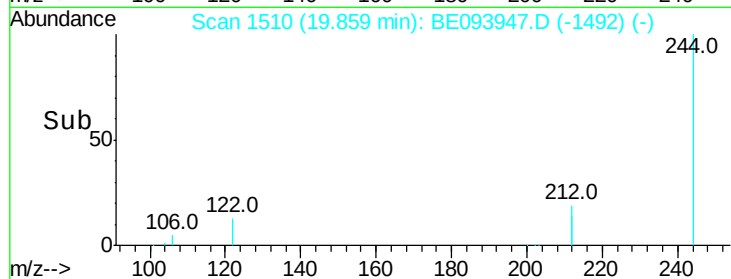
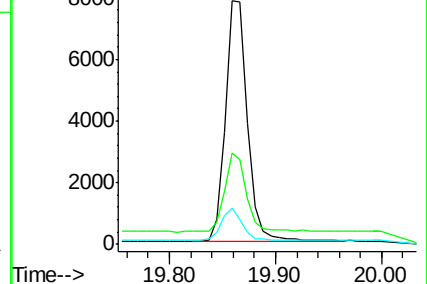
122 14.6 9.4 14.0#



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: 0.115 ng

RT: 21.30 min Scan# 1644

Delta R.T. -0.00 min

Lab File: BE093947.D

Acq: 5 Sep 2017 21:29

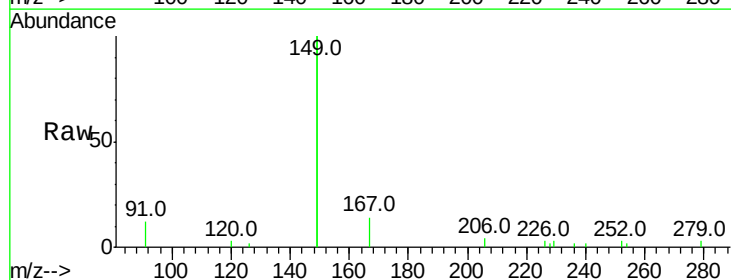
Tgt Ion:149 Resp: 13723

Ion Ratio Lower Upper

149 100

167 6.6 5.4 8.0

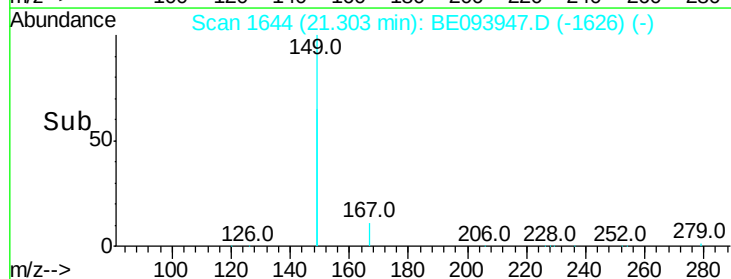
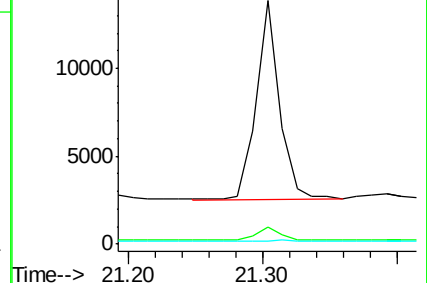
279 1.4 0.7 1.1#

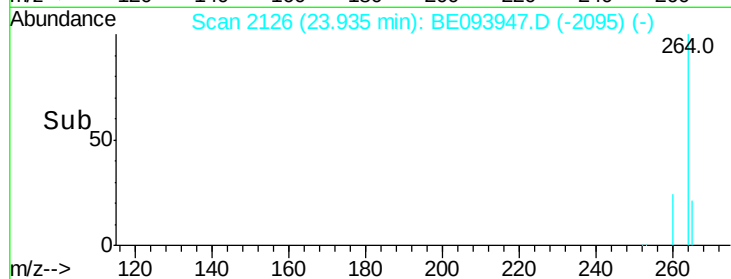
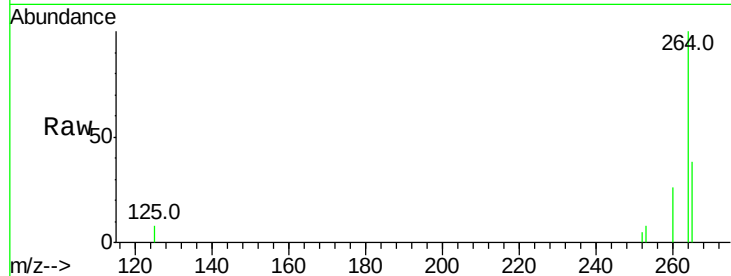
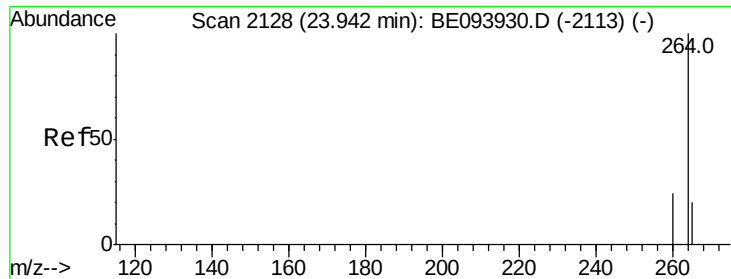


Abundance Ion 149.00 (148.70 to 149.70): E

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: BE093947.D

Acq: 5 Sep 2017 21:29

Instrument :

BNA_E

ClientSampleId :

MWHR2-9

Tot Ion:264 Resp: 12736

Ion Ratio Lower Upper

264 100

260 26.1 20.0 30.0

265 37.9 24.0 36.0#

