

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 05:28:29 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

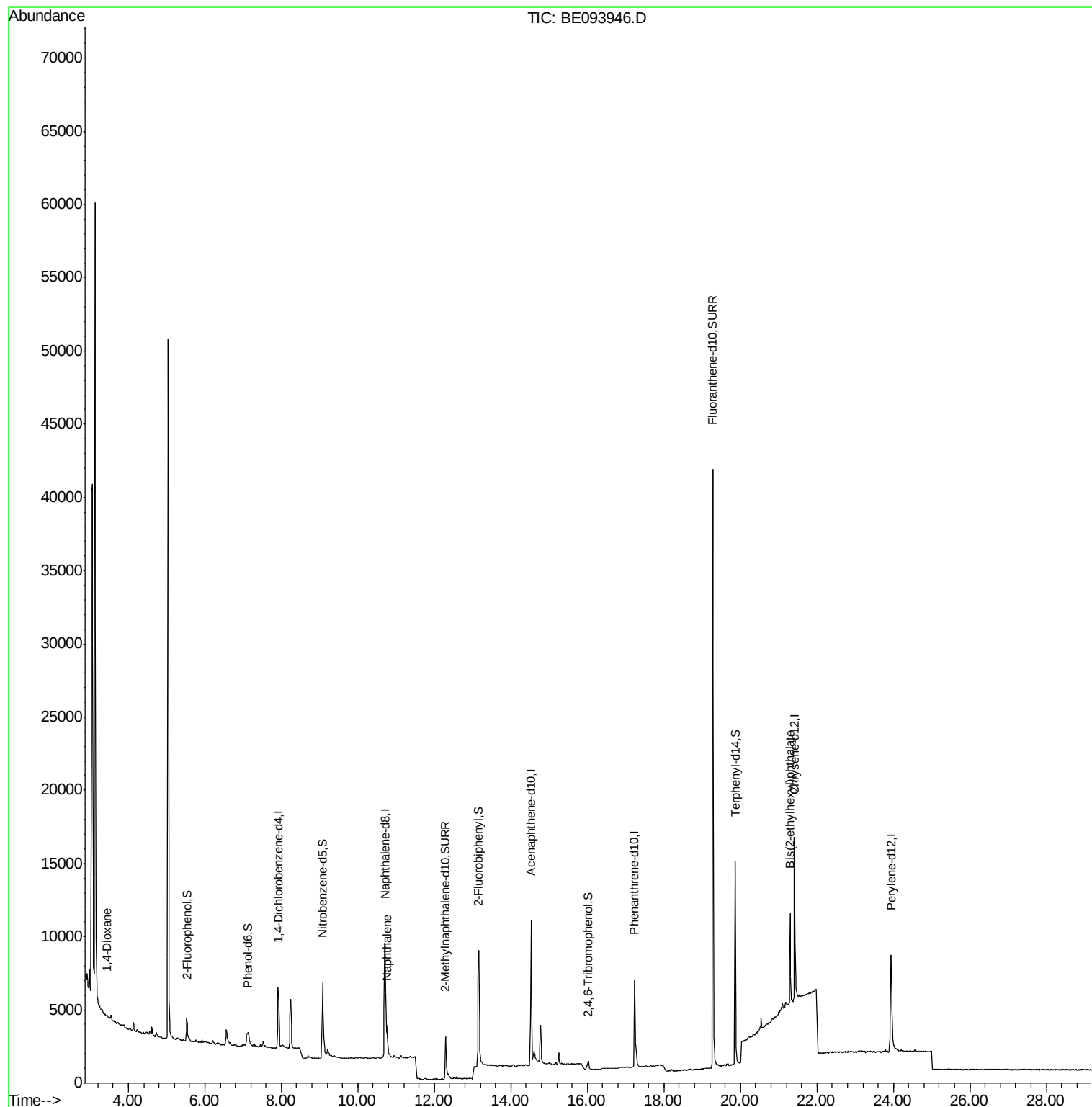
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	2320	0.40	ng	0.00
7) Naphthalene-d8	10.71	136	11192	0.40	ng	0.00
13) Acenaphthene-d10	14.52	164	6347	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	10774	0.40	ng	-0.03
27) Chrysene-d12	21.43	240	15833	0.40	ng	0.00
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						
2) 1,4-Dioxane	3.45	88	86	0.027	ng	# 18
9) Naphthalene	10.76	128	3392	0.026	ng	# 92
20) 4-Bromophenyl-phenylether	16.48	248	4	Below Cal		# 32
23) Phenanthrene	17.30	178	319	Below Cal		# 44
32) Bis(2-ethylhexyl)phthalate	21.30	149	7840	0.066	ng	# 99

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

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 05:28:29 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

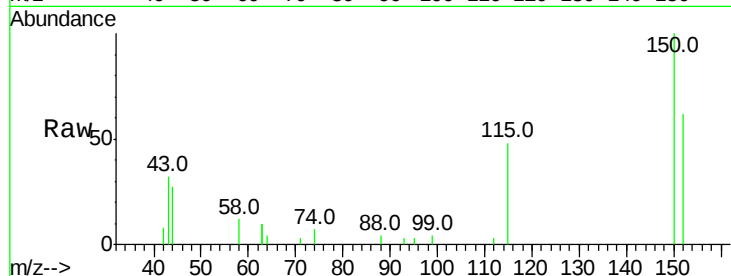
Tot Ion:152 Resp: 2320

Ion Ratio Lower Upper

152 100

150 161.9 121.8 182.6

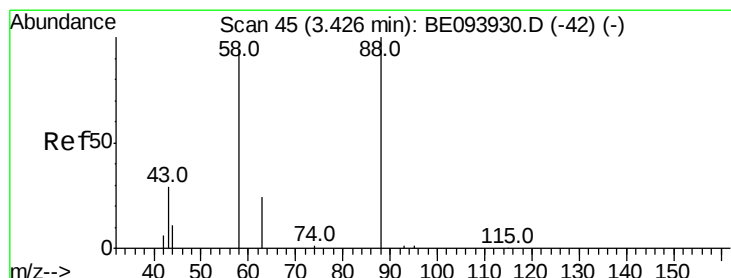
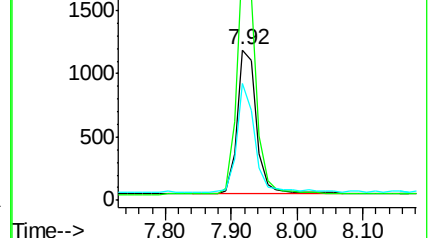
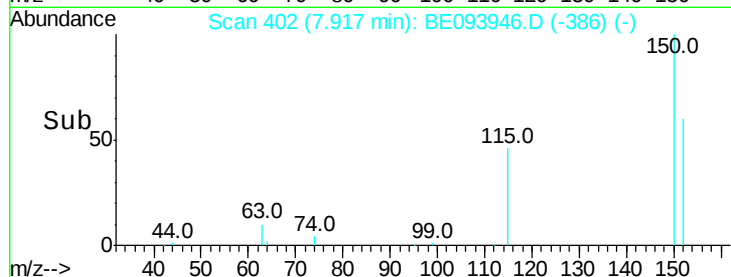
115 77.8 52.6 79.0



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



#2

1,4-Dioxane

Concen: 0.027 ng

RT: 3.45 min Scan# 47

Delta R.T. 0.02 min

Lab File: BE093946.D

Acq: 5 Sep 2017 20:53

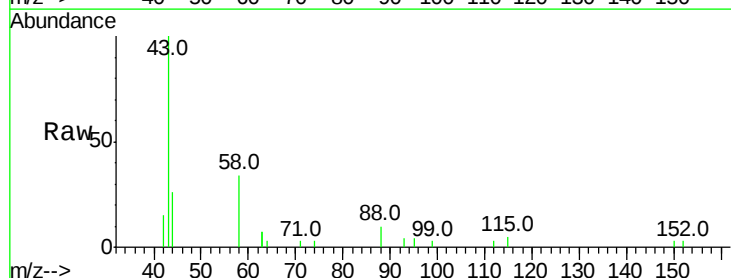
Tgt Ion: 88 Resp: 86

Ion Ratio Lower Upper

88 100

58 0.0 65.4 98.0#

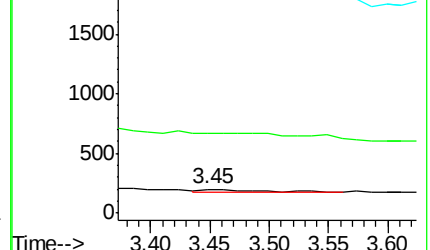
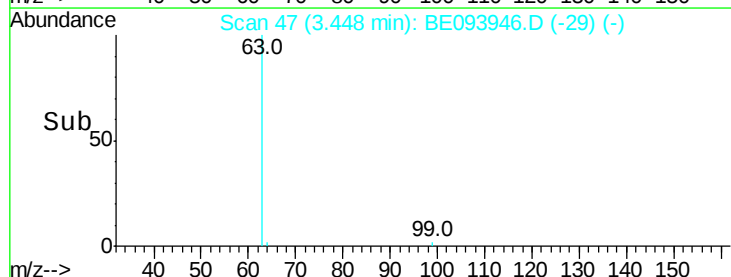
43 0.0 23.9 35.9#

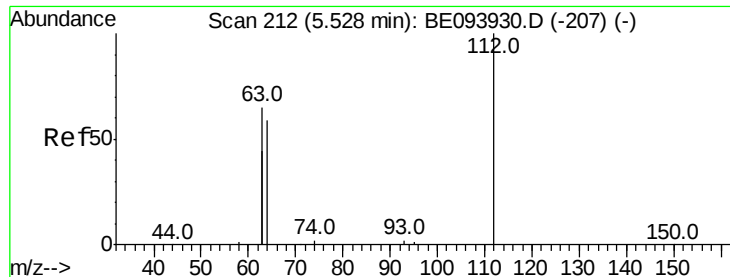


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#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

Instrument :

BNA_E

ClientSampleId :

MWHR2-8

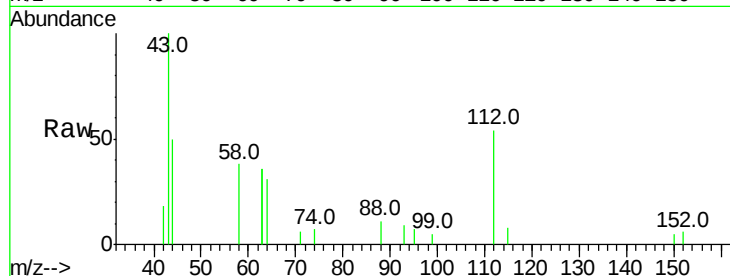
Tot Ion: 112 Resp: 1032

Ion Ratio Lower Upper

112 100

64 75.9 57.7 86.5

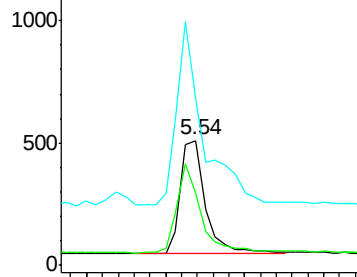
63 167.9 116.0 174.0



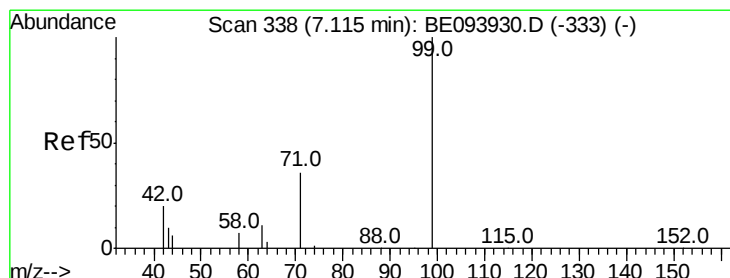
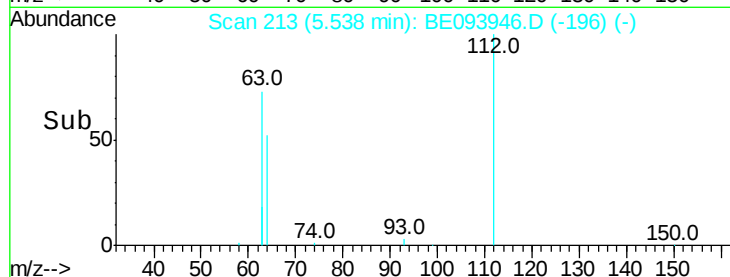
Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



Time-->



#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

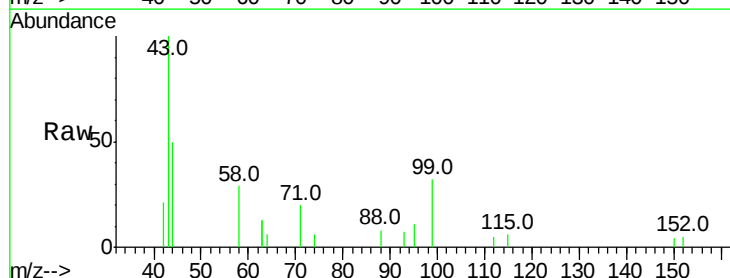
Tgt Ion: 99 Resp: 839

Ion Ratio Lower Upper

99 100

42 34.8 17.1 25.7#

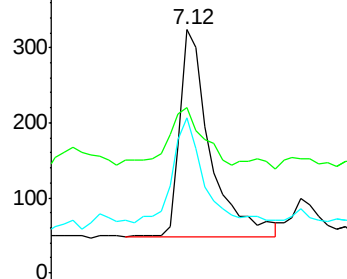
71 54.5 26.6 39.8#



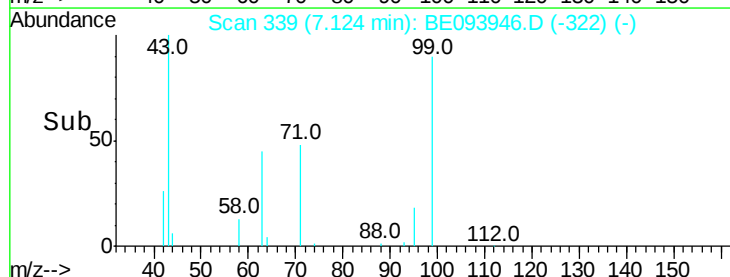
Abundance Ion 99.00 (98.70 to 99.70): BE0

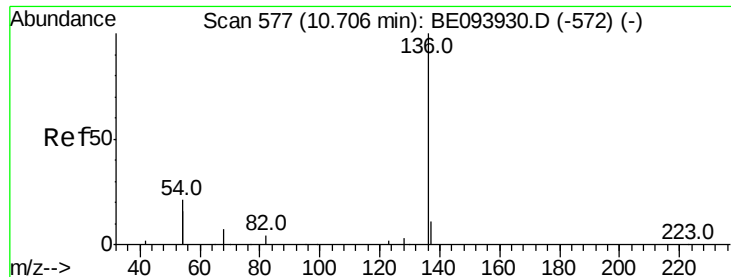
Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time-->





#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

Instrument :

BNA_E

ClientSampleId :

MWHR2-8

Tot Ion:136 Resp: 11192

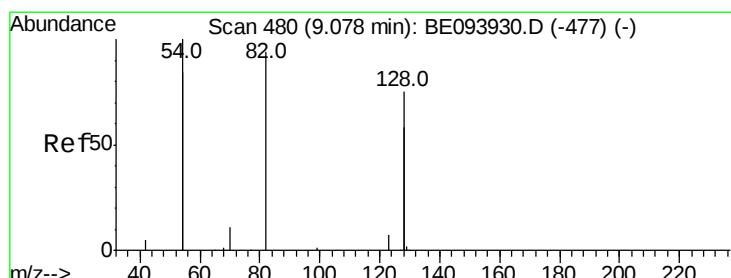
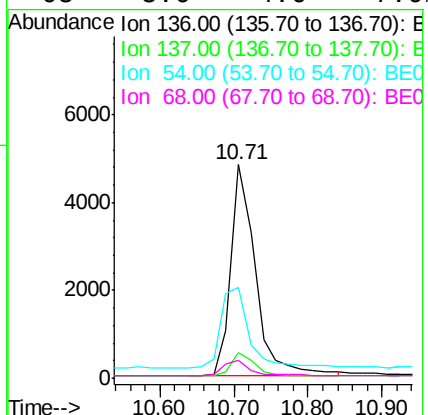
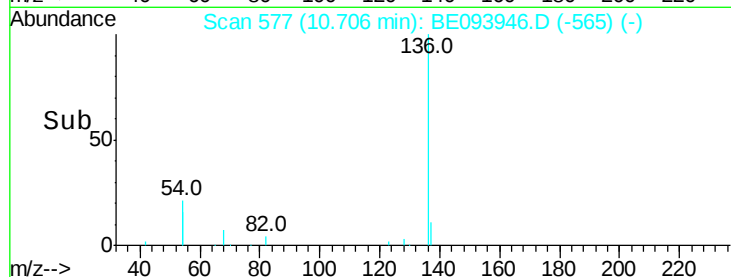
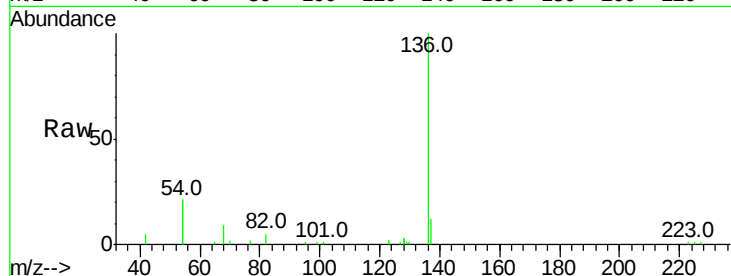
Ion Ratio Lower Upper

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

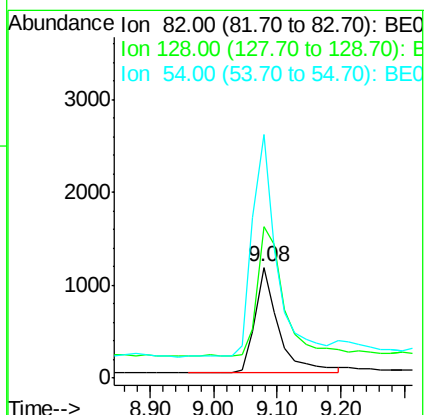
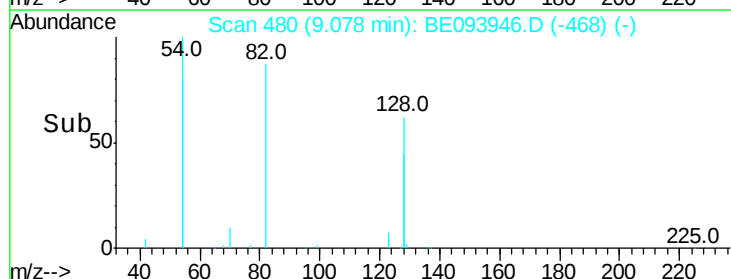
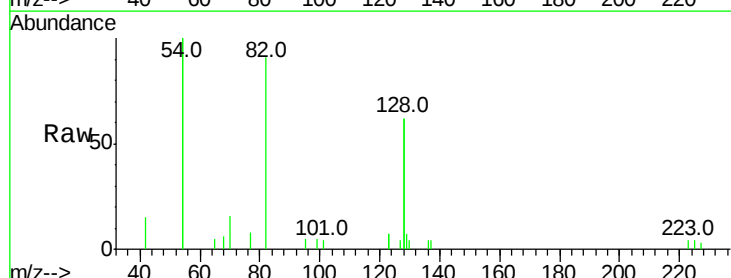
Tgt Ion: 82 Resp: 2972

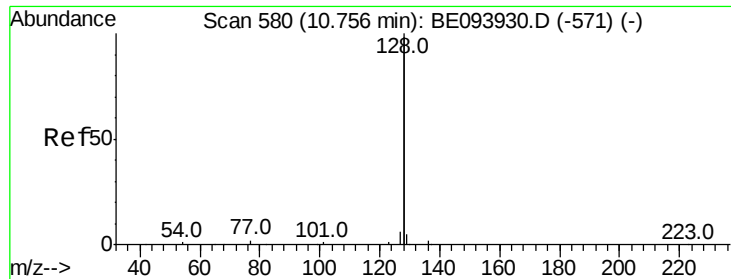
Ion Ratio Lower Upper

82 100

128 136.6 91.4 137.0

54 219.4 197.8 296.8





#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

Instrument :

BNA_E

ClientSampleId :

MWHR2-8

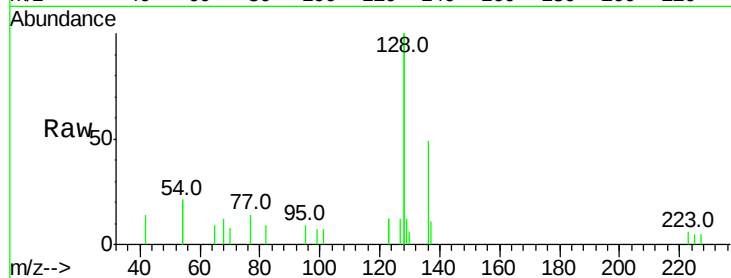
Tot Ion:128 Resp: 3392

Ion Ratio Lower Upper

128 100

129 5.9 2.5 3.7#

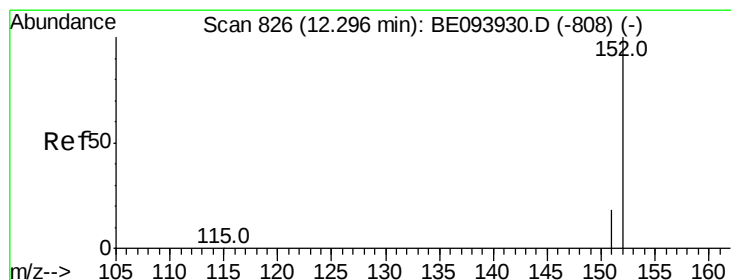
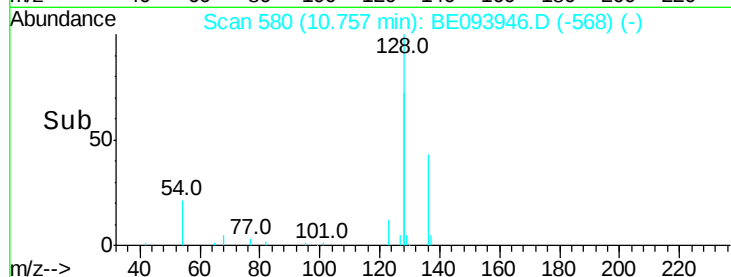
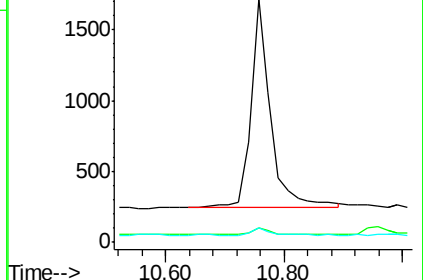
127 5.8 2.6 4.0#



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

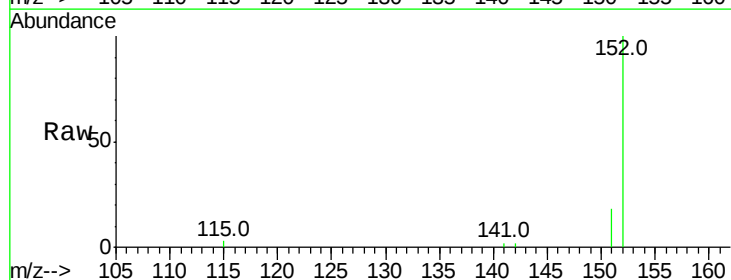
Acq: 5 Sep 2017 20:53

Tgt Ion:152 Resp: 5534

Ion Ratio Lower Upper

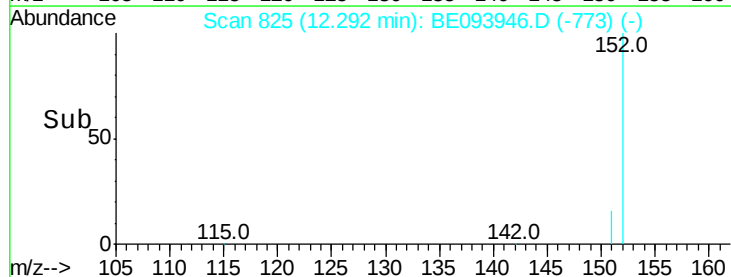
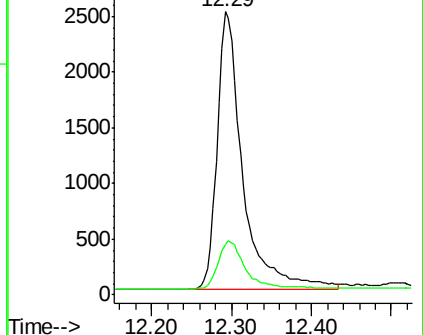
152 100

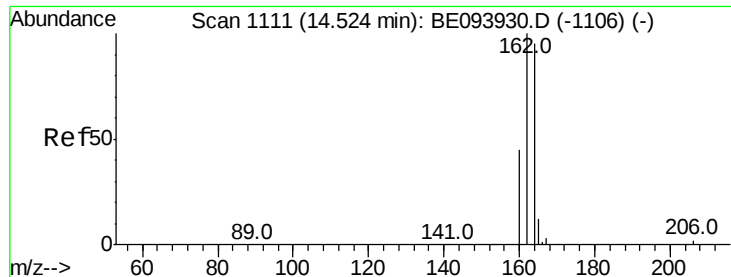
151 18.9 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E





#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

Instrument :

BNA_E

ClientSampleId :

MWHR2-8

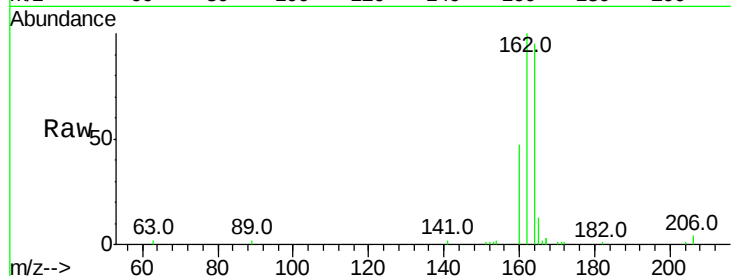
Tot Ion:164 Resp: 6347

Ion Ratio Lower Upper

164 100

162 105.3 80.8 121.2

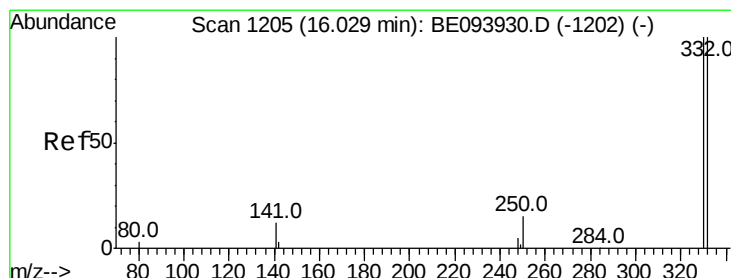
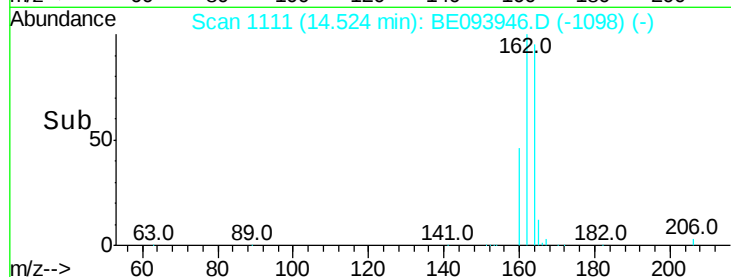
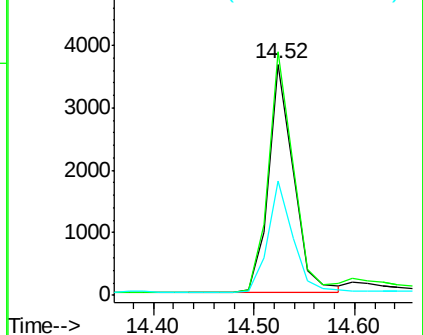
160 49.3 37.0 55.4



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: 0.311 ng

RT: 16.03 min Scan# 1205

Delta R.T. 0.00 min

Lab File: BE093946.D

Acq: 5 Sep 2017 20:53

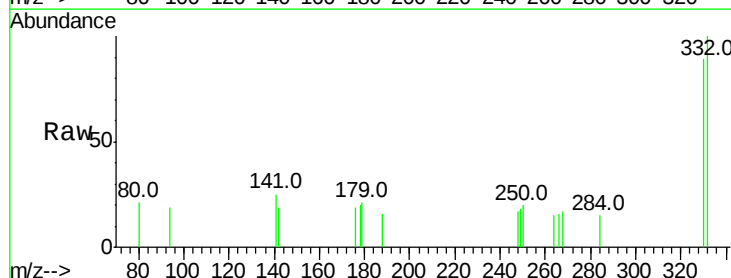
Tgt Ion:330 Resp: 612

Ion Ratio Lower Upper

330 100

332 103.3 76.9 115.3

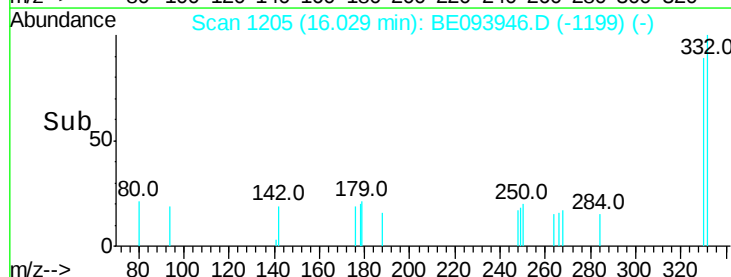
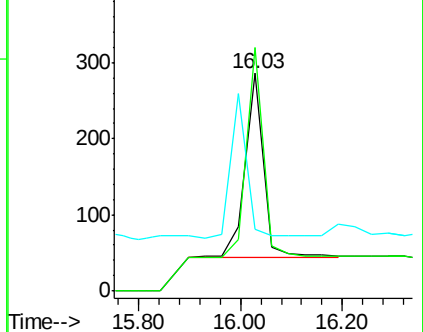
141 0.0 0.0 0.0

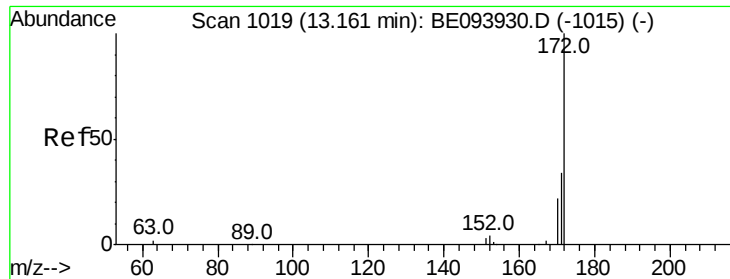


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

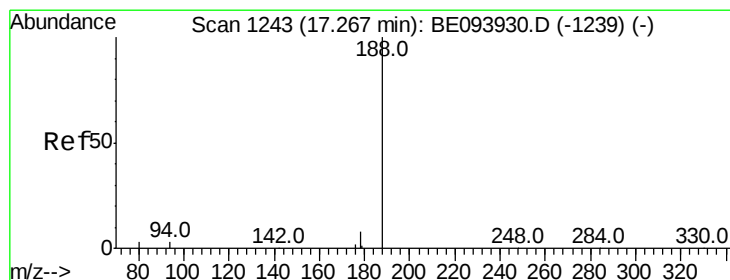
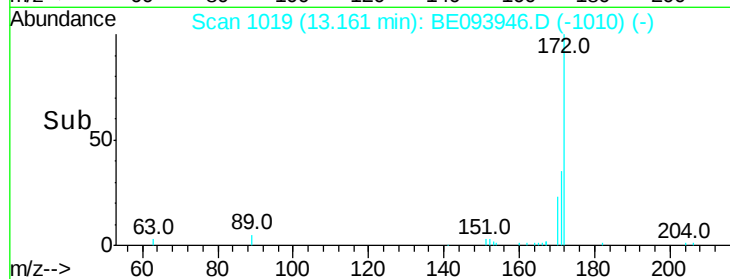
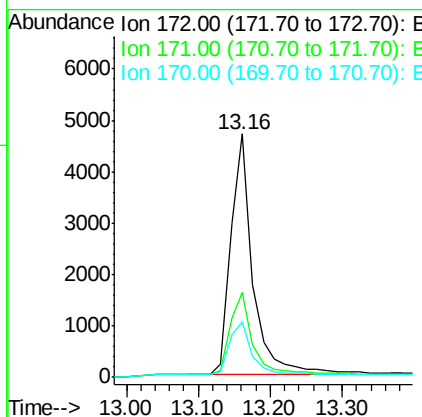
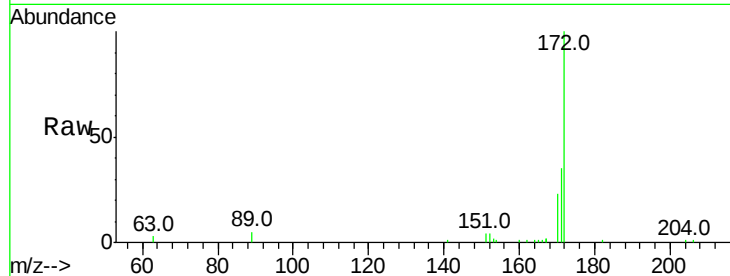




#15
2-Fluorobiphenyl
Concen: 0.401 ng
RT: 13.16 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BE093946.D
Acq: 5 Sep 2017 20:53

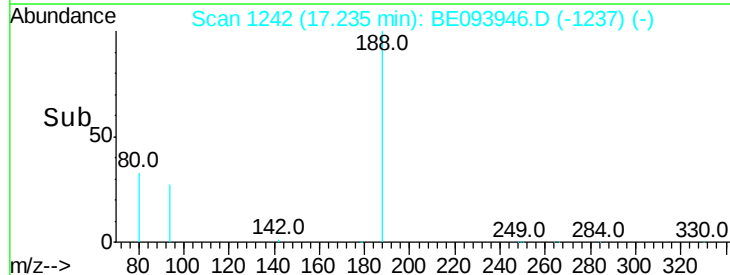
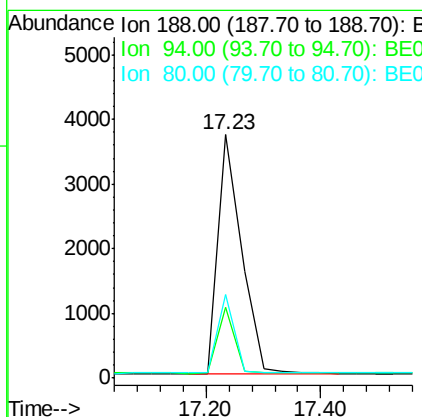
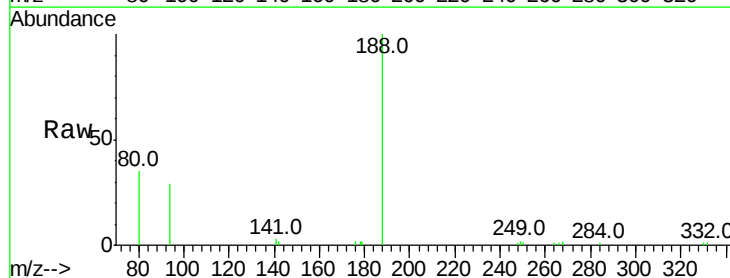
Instrument :
BNA_E
ClientSampleId :
MWHHR2-8

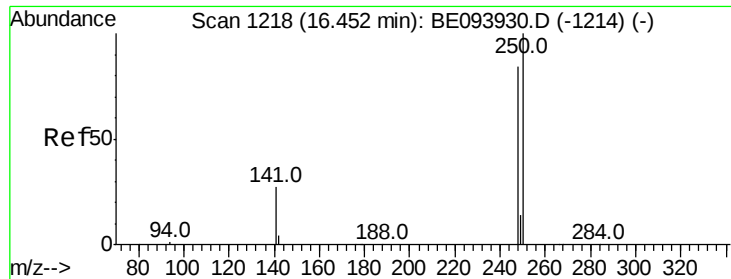
Tot Ion:172 Resp: 10057
Ion Ratio Lower Upper
172 100
171 34.7 26.9 40.3
170 23.0 17.3 25.9



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.23 min Scan# 1242
Delta R.T. -0.03 min
Lab File: BE093946.D
Acq: 5 Sep 2017 20:53

Tgt Ion:188 Resp: 10774
Ion Ratio Lower Upper
188 100
94 29.1 16.1 24.1#
80 34.6 18.2 27.2#

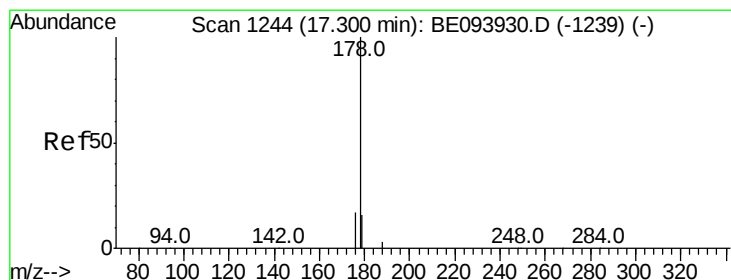
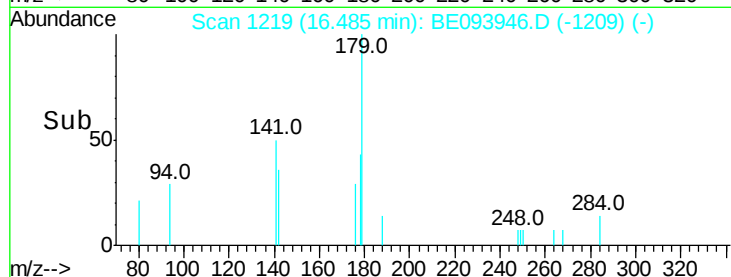
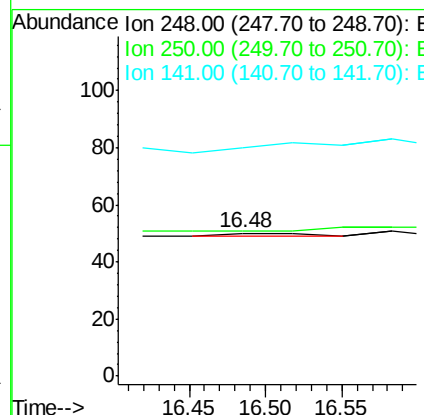
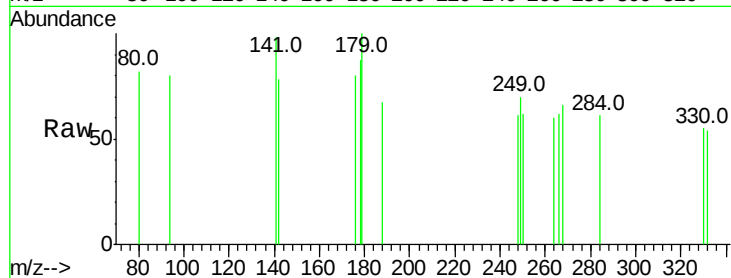




#20
4-Bromophenyl-phenylether
Concen: Below Cal
RT: 16.48 min Scan# 1219
Delta R.T. 0.03 min
Lab File: BE093946.D
Acq: 5 Sep 2017 20:53

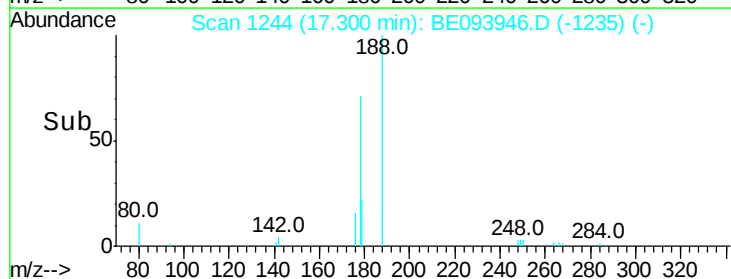
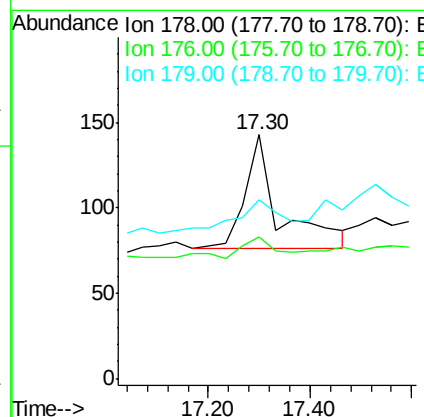
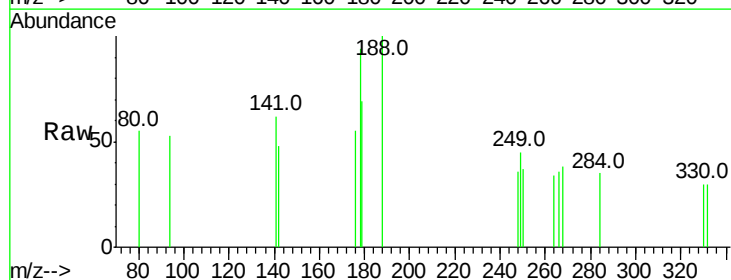
Instrument :
BNA_E
ClientSampled :
MWHR2-8

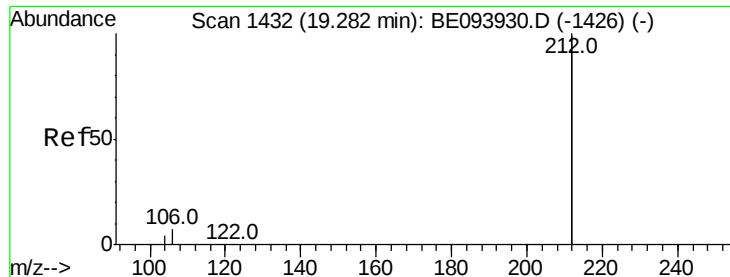
Tot Ion:248 Resp: 4
Ion Ratio Lower Upper
248 100
250 102.0 111.8 167.8#
141 160.0 27.1 40.7#



#23
Phenanthrene
Concen: Below Cal
RT: 17.30 min Scan# 1244
Delta R.T. 0.00 min
Lab File: BE093946.D
Acq: 5 Sep 2017 20:53

Tgt Ion:178 Resp: 319
Ion Ratio Lower Upper
178 100
176 17.9 0.0 0.0#
179 39.2 12.6 18.8#





#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

Instrument :

BNA_E

ClientSampleId :

MWHR2-8

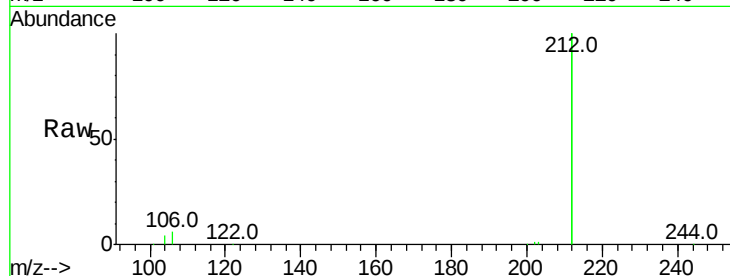
Tot Ion:212 Resp: 57383

Ion Ratio Lower Upper

212 100

106 3.3 2.7 4.1

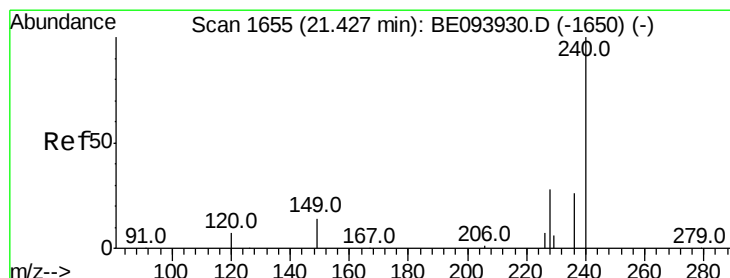
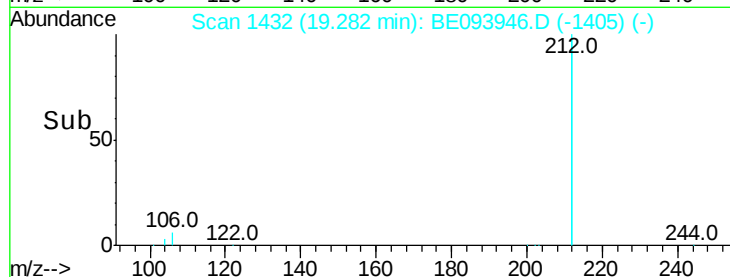
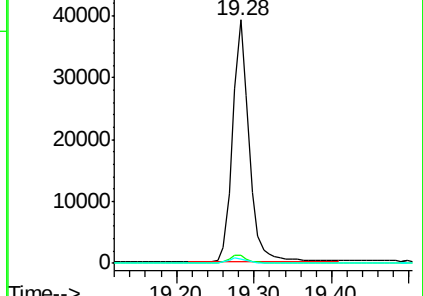
104 2.0 1.6 2.4



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



#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

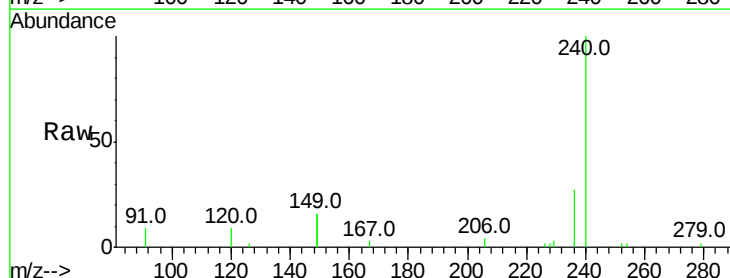
Tgt Ion:240 Resp: 15833

Ion Ratio Lower Upper

240 100

120 9.0 8.7 13.1

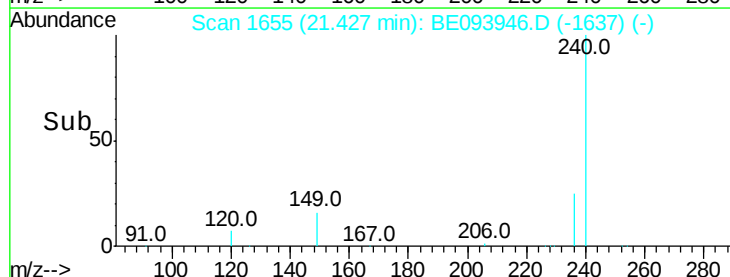
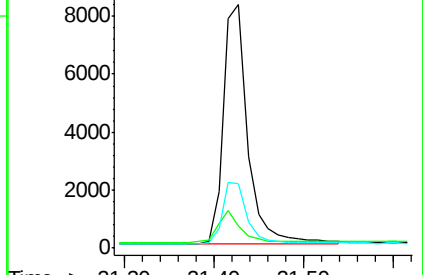
236 26.5 21.3 31.9

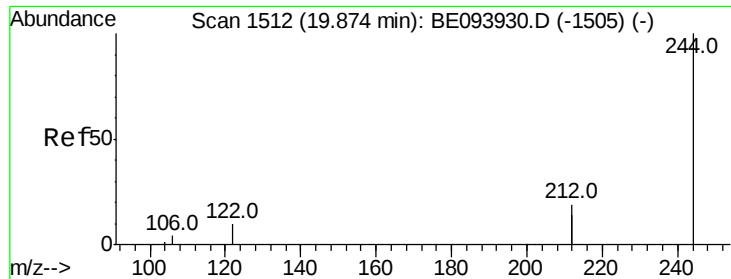


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

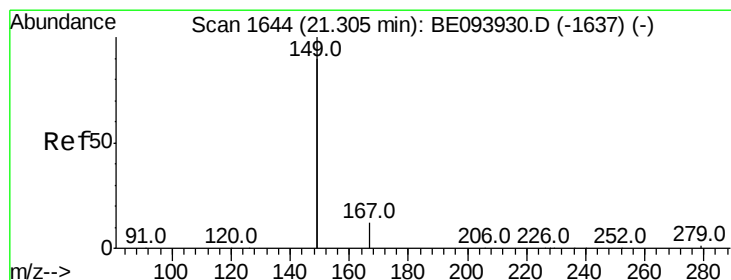
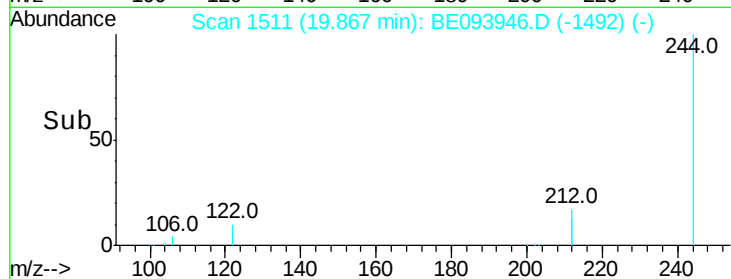
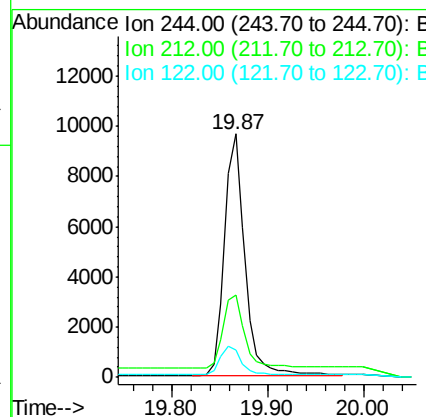
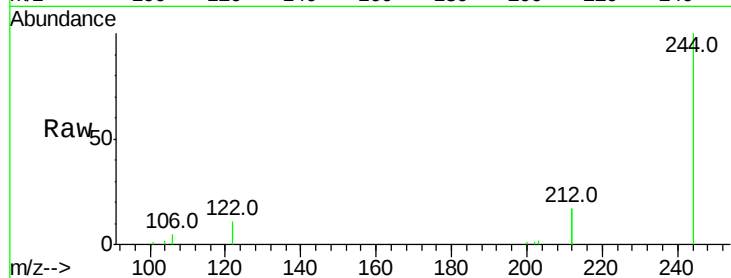




#29
 Terphenyl-d14
 Concen: 0.484 ng
 RT: 19.87 min Scan# 1511
 Delta R.T. -0.01 min
 Lab File: BE093946.D
 Acq: 5 Sep 2017 20:53

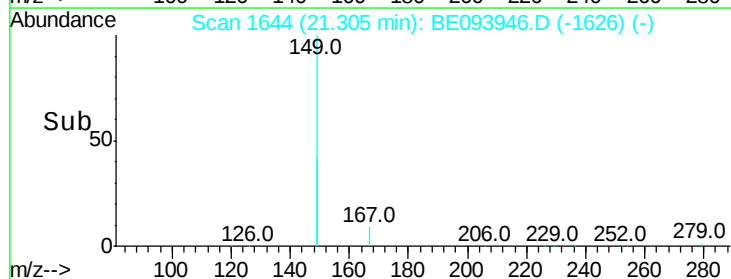
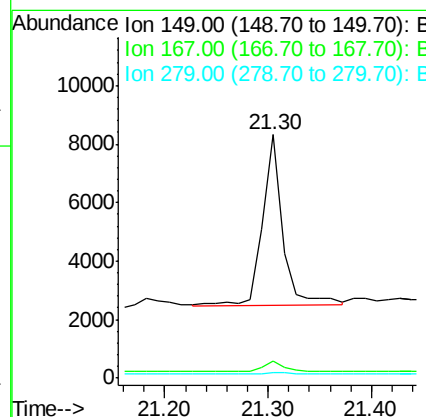
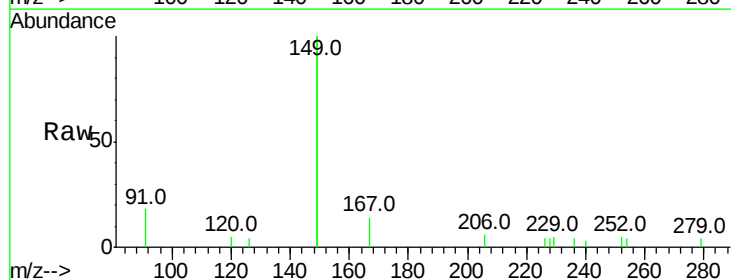
Instrument :
 BNA_E
 ClientSampleId :
 MWHR2-8

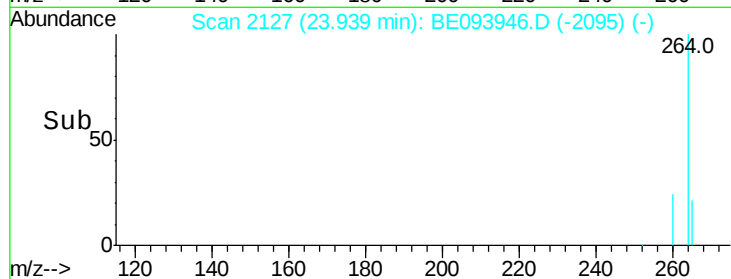
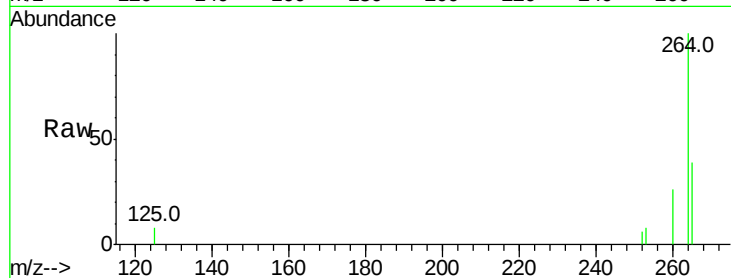
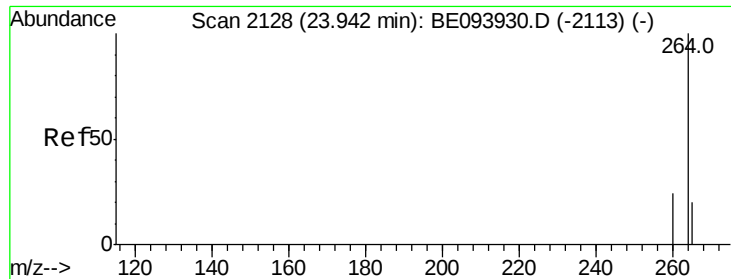
Tot Ion:244 Resp: 14105
 Ion Ratio Lower Upper
 244 100
 212 33.6 28.3 42.5
 122 11.0 9.4 14.0



#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

Tgt 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

Pervlene-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

Instrument :

BNA_E

ClientSampleId :

MWHR2-8

Tot Ion:264 Resp: 13407

Ion Ratio Lower Upper

264 100

260 25.8 20.0 30.0

265 39.4 24.0 36.0#

