

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE070717\
 Data File : BE093438.D
 Acq On : 7 Jul 2017 11:59
 Operator : SJ/JU
 Sample : I4009-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 MW-08BR-20170629

Quant Time: Jul 08 05:28:12 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	4126	0.40	ng	0.00
7) Naphthalene-d8	10.72	136	20790	0.40	ng	0.00
13) Acenaphthene-d10	14.54	164	13110	0.40	ng	0.00
19) Phenanthrene-d10	17.27	188	28674	0.40	ng	0.00
27) Chrysene-d12	21.43	240	35995	0.40	ng	0.00
34) Perylene-d12	23.93	264	30901	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.53	112	2525	0.20	ng	0.00
5) Phenol-d6	7.10	99	2494	0.14	ng	0.00
8) Nitrobenzene-d5	9.08	82	5895	0.44	ng	0.00
11) 2-Methylnaphthalene-d10	12.31	152	12176	0.37	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	1142	0.28	ng	0.00
15) 2-Fluorobiphenyl	13.18	172	35237	0.69	ng	0.00
25) Fluoranthene-d10	19.29	212	150383	0.43	ng	0.00
29) Terphenyl-d14	19.87	244	37019	0.58	ng	0.00

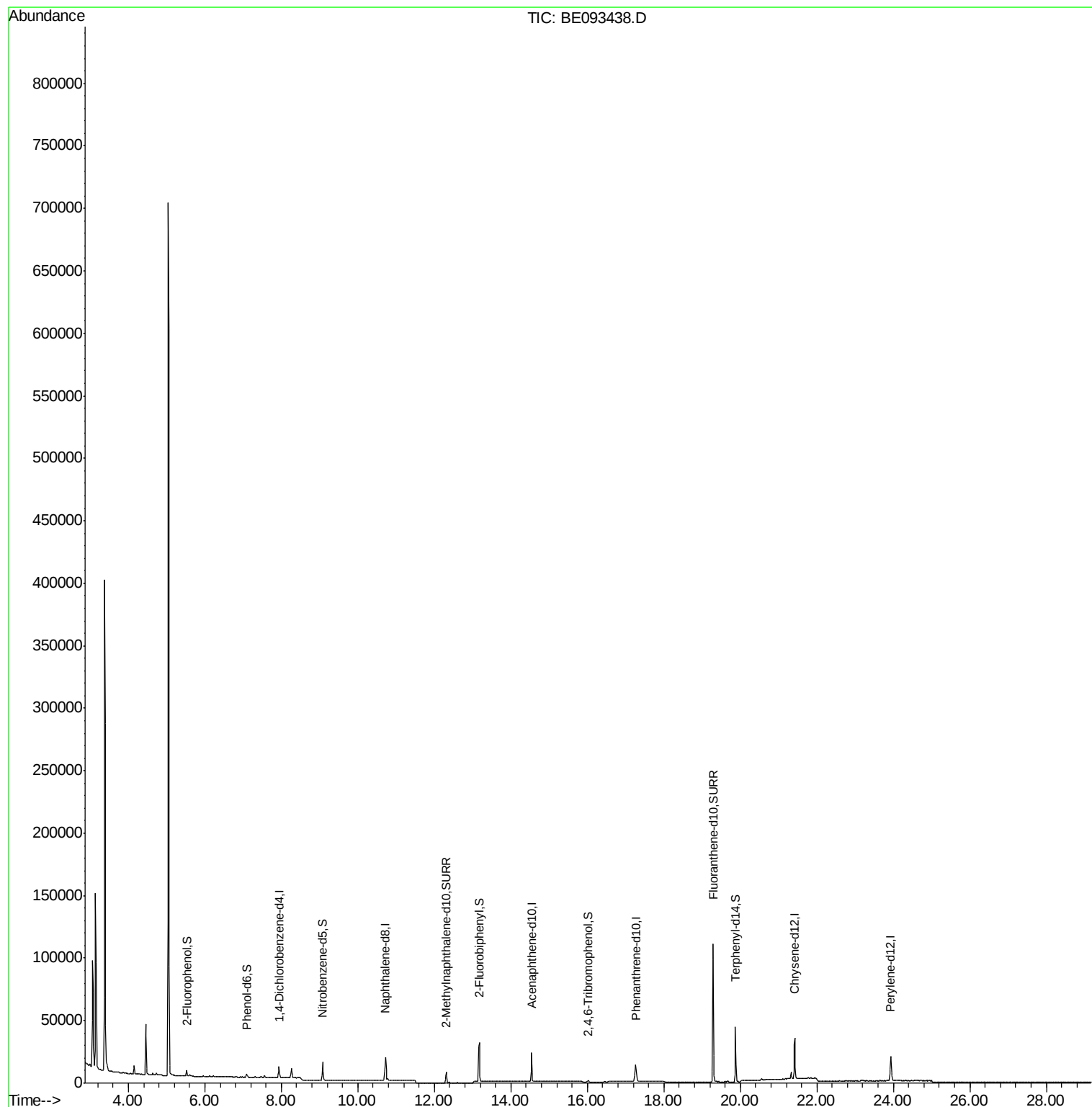
Target Compounds	Qvalue
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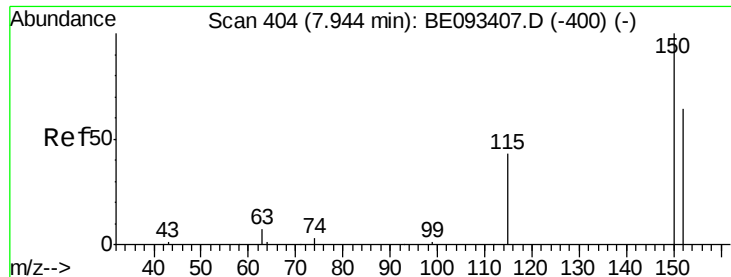
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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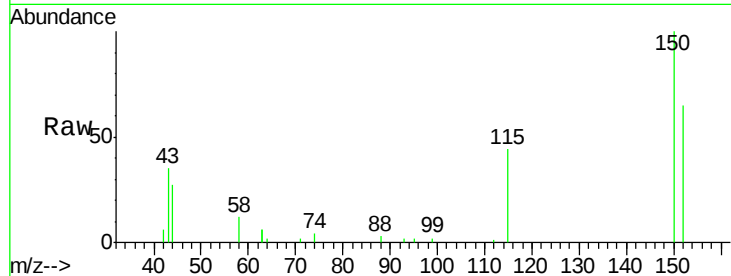


#1

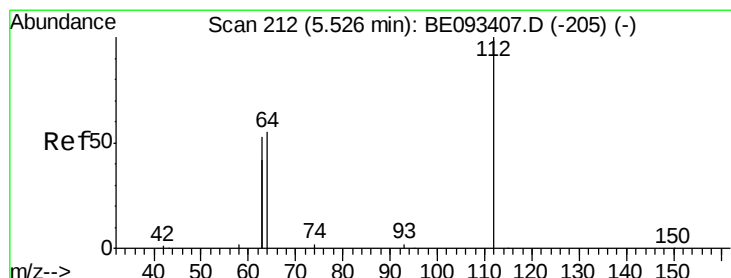
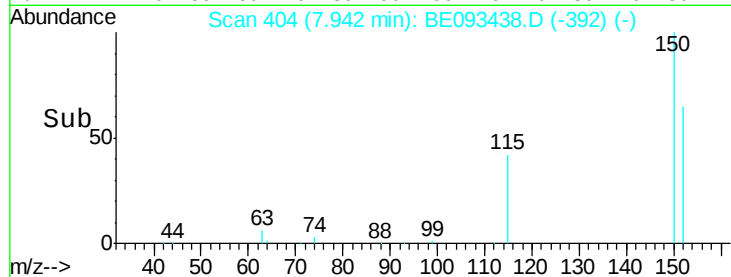
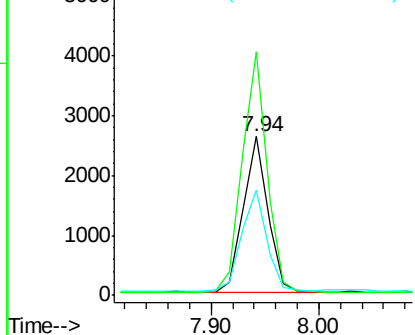
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.94 min Scan# 404
Delta R.T. -0.00 min
Lab File: BE093438.D
Acq: 7 Jul 2017 11:59

Instrument :
BNA_E
ClientSampleId :
MW-08BR-20170629

Tgt Ion:152 Resp: 4126
Ion Ratio Lower Upper
152 100
150 153.1 125.1 187.7
115 66.6 55.7 83.5



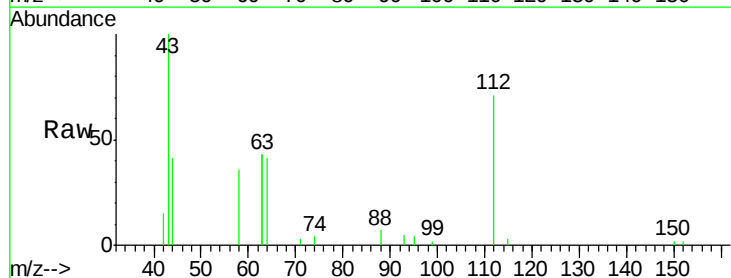
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



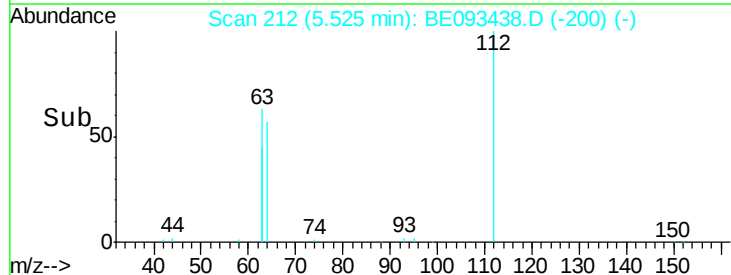
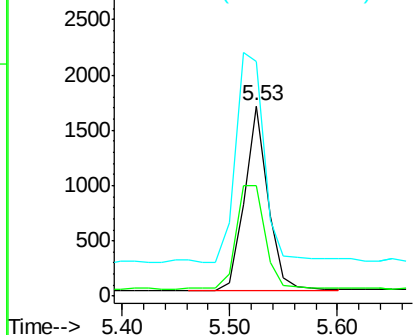
#4

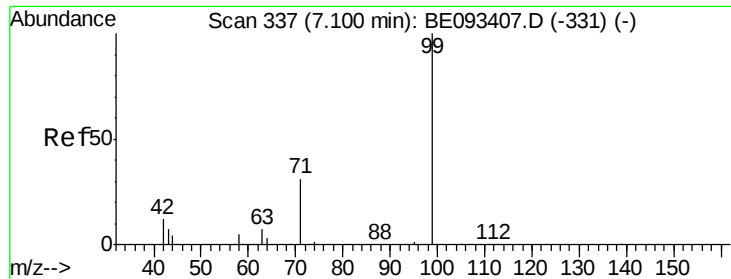
2-Fluorophenol
Concen: 0.203 ng
RT: 5.53 min Scan# 212
Delta R.T. -0.00 min
Lab File: BE093438.D
Acq: 7 Jul 2017 11:59

Tgt Ion:112 Resp: 2525
Ion Ratio Lower Upper
112 100
64 71.8 56.4 84.6
63 142.5 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: 0.136 ng

RT: 7.10 min Scan# 337

Delta R.T. -0.00 min

Lab File: BE093438.D

Acq: 7 Jul 2017 11:59

Instrument :

BNA_E

ClientSampleId :

MW-08BR-20170629

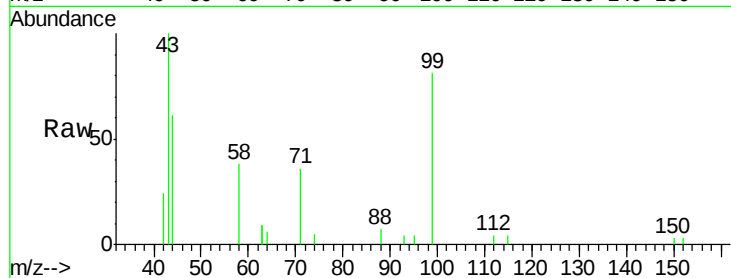
Tgt Ion: 99 Resp: 2494

Ion Ratio Lower Upper

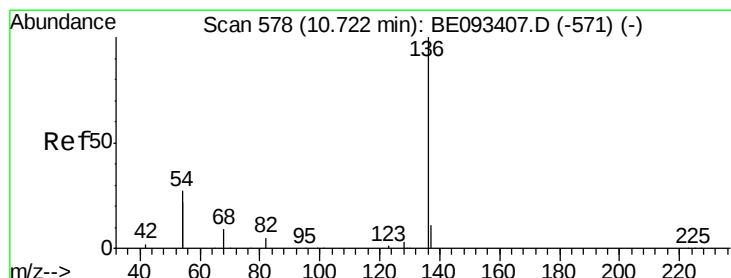
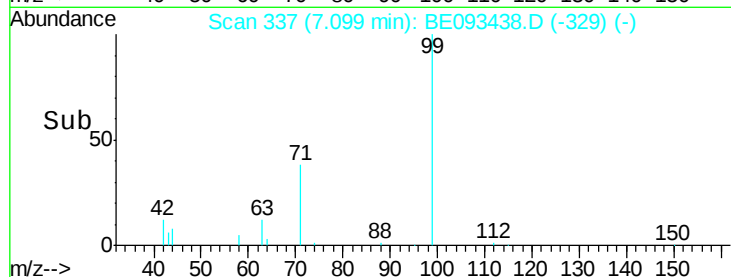
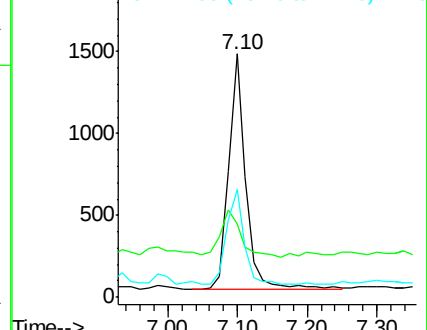
99 100

42 23.9 0.0 0.0#

71 40.7 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: BE093438.D

Acq: 7 Jul 2017 11:59

Tgt Ion: 136 Resp: 20790

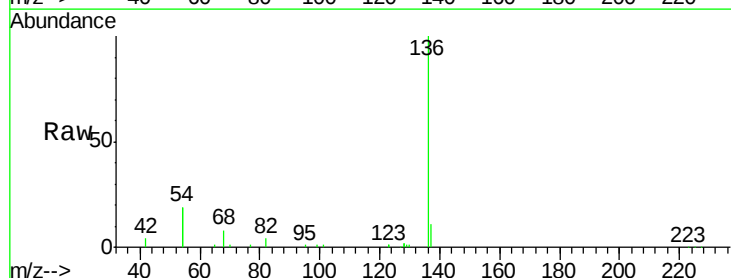
Ion Ratio Lower Upper

136 100

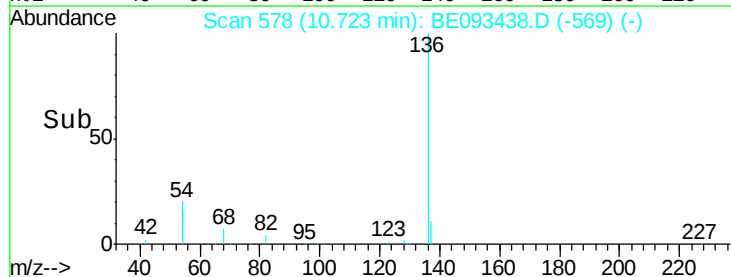
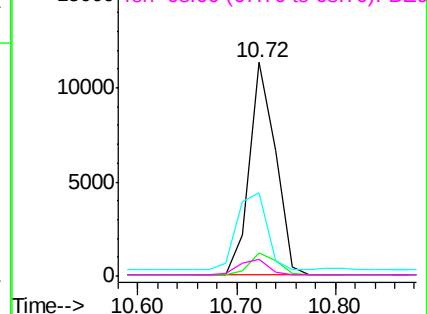
137 11.0 9.8 14.8

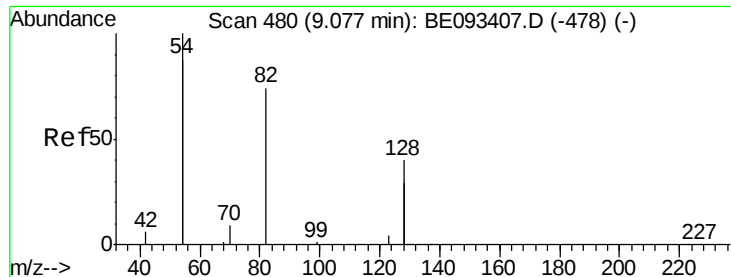
54 38.9 10.3 15.5#

68 8.0 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: 0.444 ng

RT: 9.08 min Scan# 480

Delta R.T. 0.00 min

Lab File: BE093438.D

Acq: 7 Jul 2017 11:59

Instrument :

BNA_E

ClientSampleId :

MW-08BR-20170629

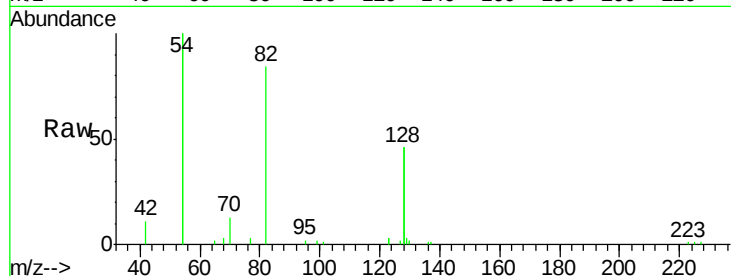
Tgt Ion: 82 Resp: 5895

Ion Ratio Lower Upper

82 100

128 109.3 17.0 25.4#

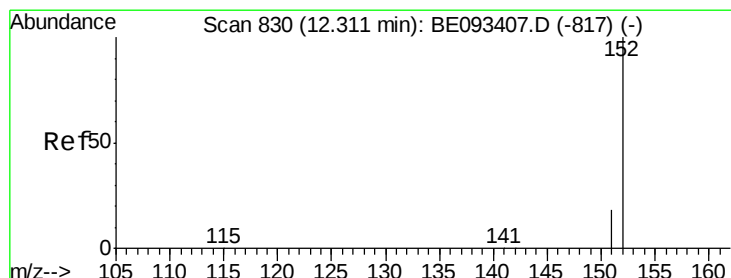
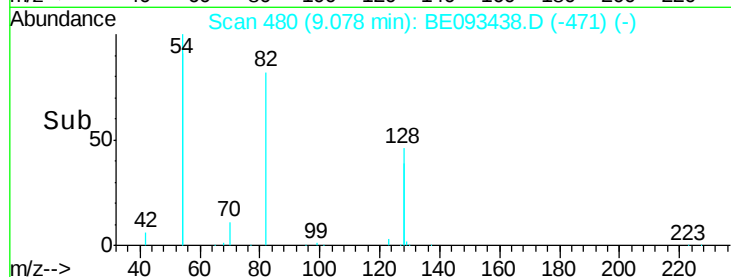
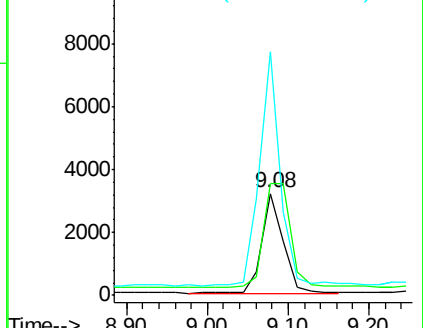
54 238.7 53.8 80.6#



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



#11

2-Methylnaphthalene-d10

Concen: 0.367 ng

RT: 12.31 min Scan# 829

Delta R.T. -0.00 min

Lab File: BE093438.D

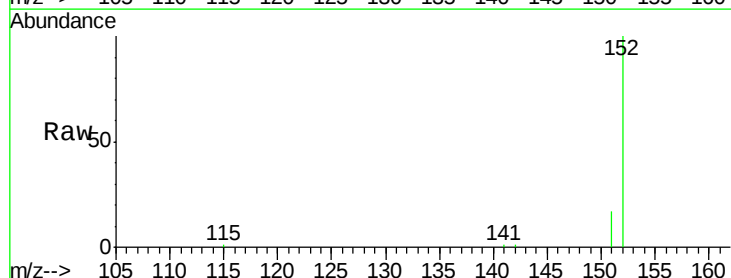
Acq: 7 Jul 2017 11:59

Tgt Ion: 152 Resp: 12176

Ion Ratio Lower Upper

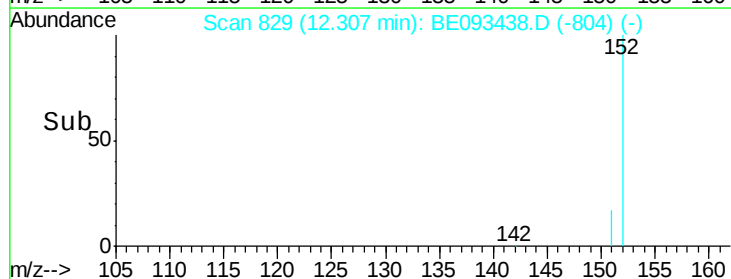
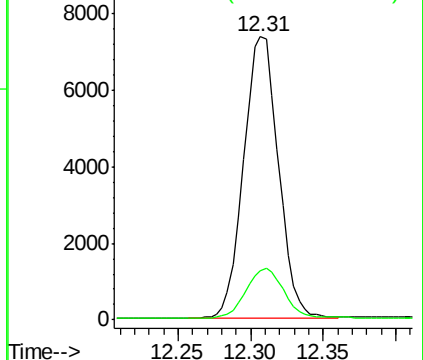
152 100

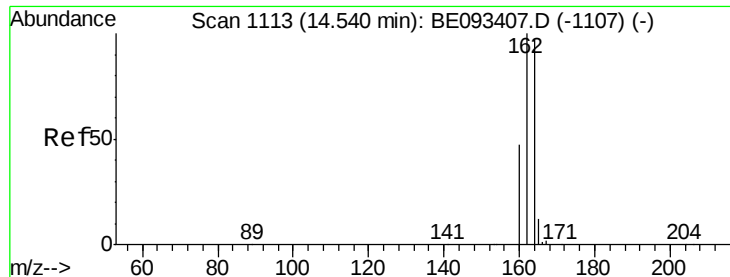
151 19.0 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): BE0

Ion 151.00 (150.70 to 151.70): BE0





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.54 min Scan# 1113

Delta R.T. 0.00 min

Lab File: BE093438.D

Acq: 7 Jul 2017 11:59

Instrument :

BNA_E

ClientSampleId :

MW-08BR-20170629

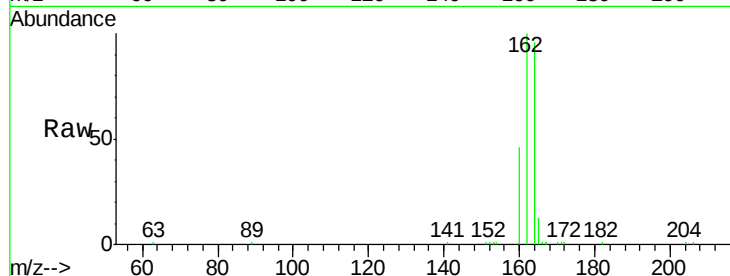
Tgt Ion:164 Resp: 13110

Ion Ratio Lower Upper

164 100

162 104.1 84.6 127.0

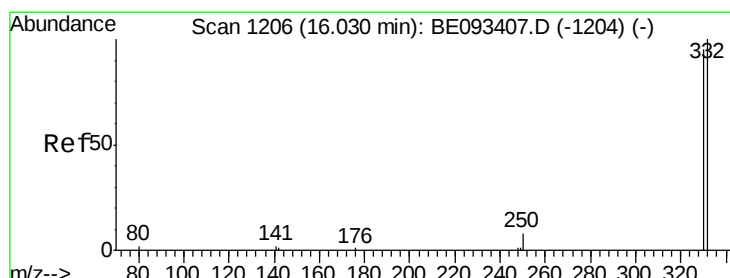
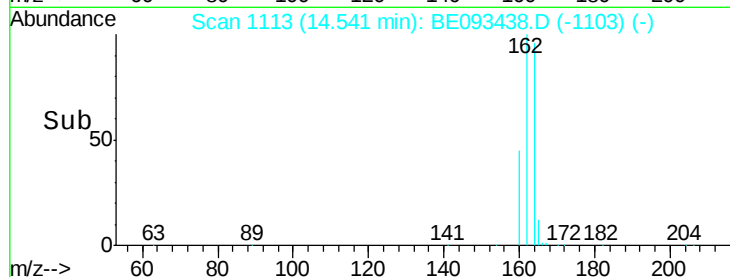
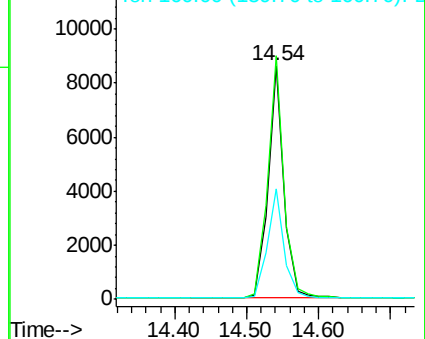
160 47.5 41.8 62.6



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: 0.277 ng

RT: 16.03 min Scan# 1206

Delta R.T. 0.00 min

Lab File: BE093438.D

Acq: 7 Jul 2017 11:59

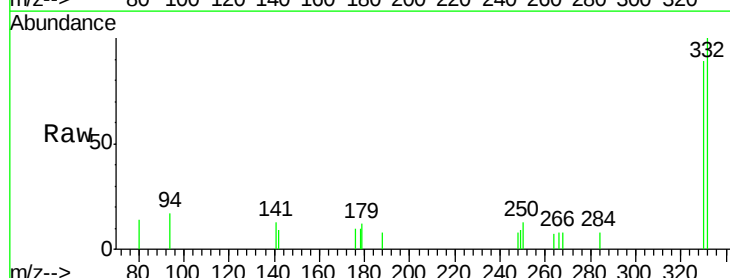
Tgt Ion:330 Resp: 1142

Ion Ratio Lower Upper

330 100

332 109.8 77.7 116.5

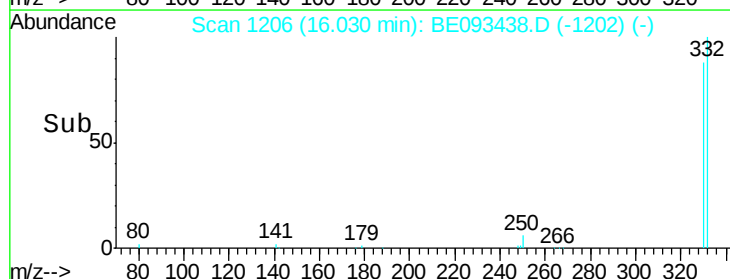
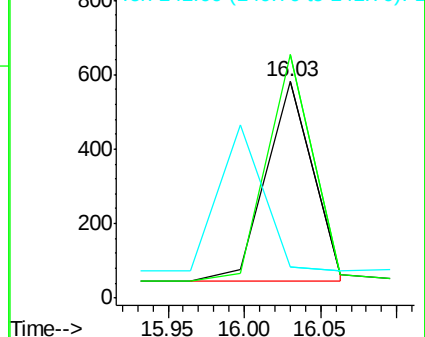
141 0.0 56.2 84.4#

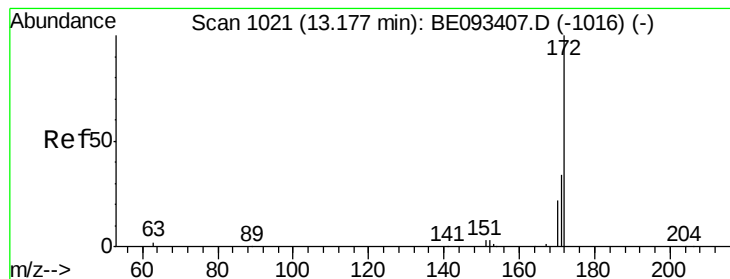


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.692 ng

RT: 13.18 min Scan# 1021

Delta R.T. 0.00 min

Lab File: BE093438.D

Acq: 7 Jul 2017 11:59

Instrument :

BNA_E

ClientSampleId :

MW-08BR-20170629

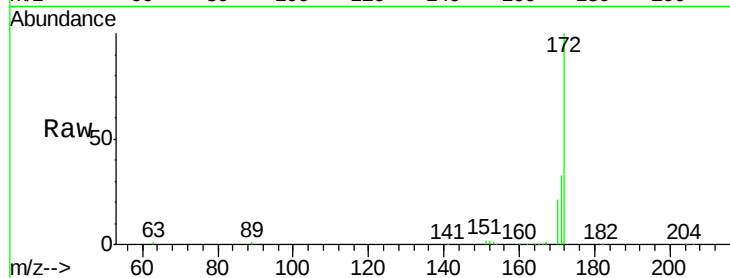
Tgt Ion:172 Resp: 35237

Ion Ratio Lower Upper

172 100

171 33.3 29.8 44.6

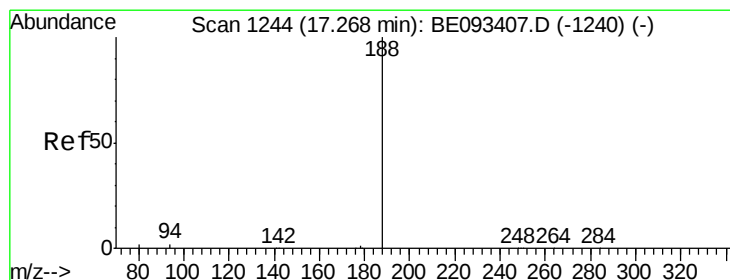
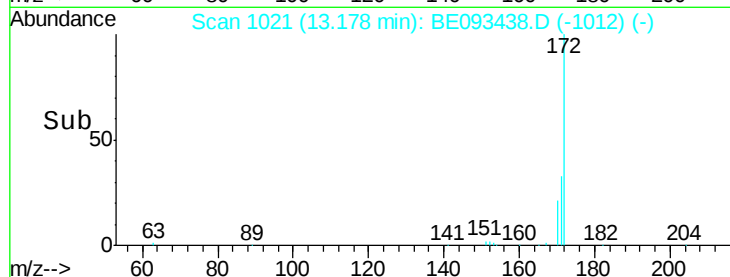
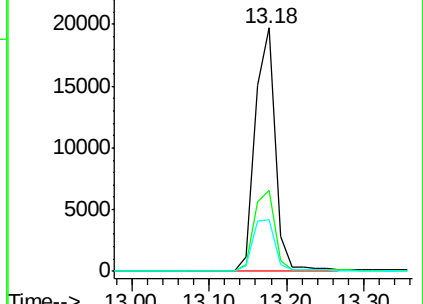
170 21.4 20.7 31.1



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: BE093438.D

Acq: 7 Jul 2017 11:59

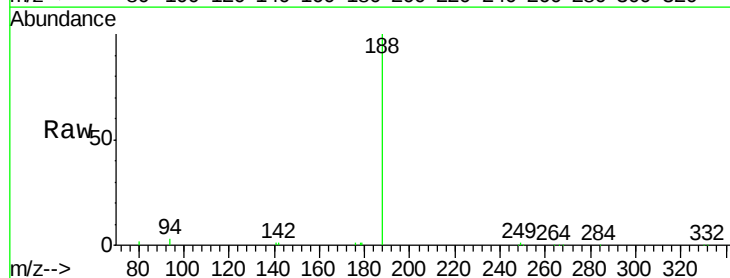
Tgt Ion:188 Resp: 28674

Ion Ratio Lower Upper

188 100

94 2.8 11.3 16.9#

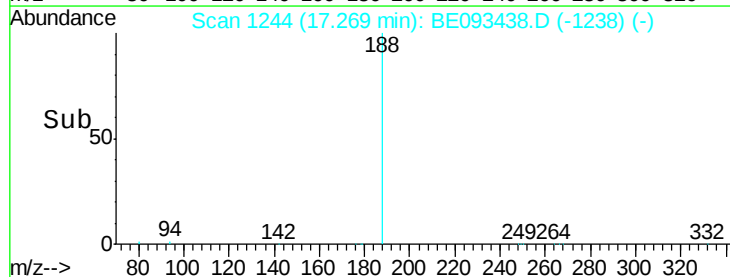
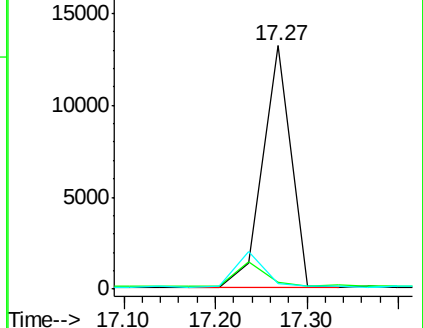
80 2.1 11.7 17.5#

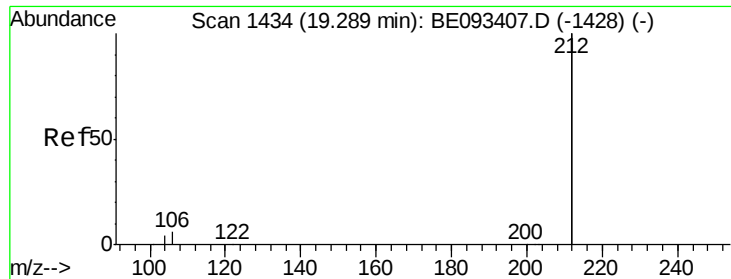


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0





#25

Fluoranthene-d10

Concen: 0.435 ng

RT: 19.29 min Scan# 1434

Delta R.T. 0.00 min

Lab File: BE093438.D

Acq: 7 Jul 2017 11:59

Instrument :

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ClientSampleId :

MW-08BR-20170629

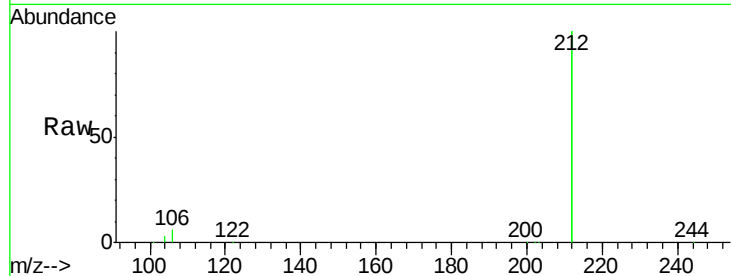
Tgt Ion:212 Resp: 150383

Ion Ratio Lower Upper

212 100

106 3.5 2.4 3.6

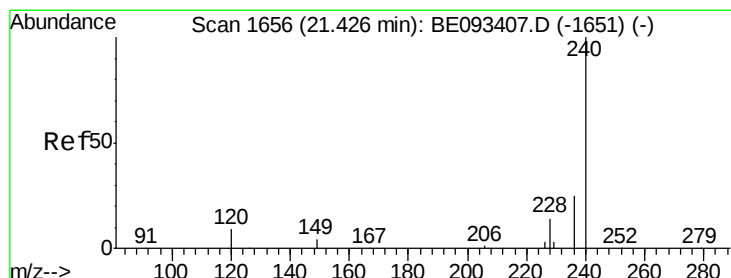
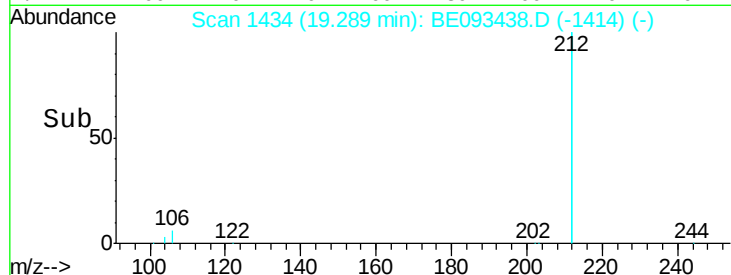
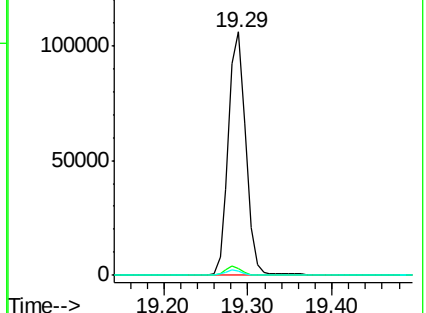
104 2.0 1.6 2.4



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: 21.43 min Scan# 1656

Delta R.T. 0.00 min

Lab File: BE093438.D

Acq: 7 Jul 2017 11:59

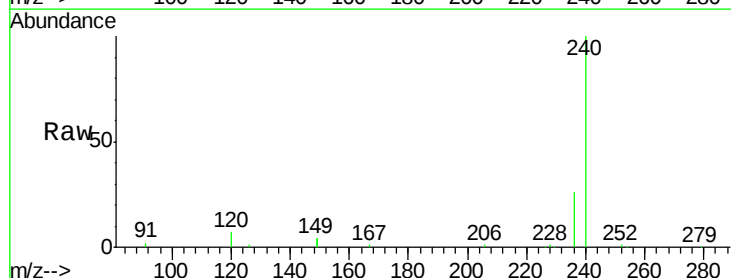
Tgt Ion:240 Resp: 35995

Ion Ratio Lower Upper

240 100

120 7.2 4.6 7.0#

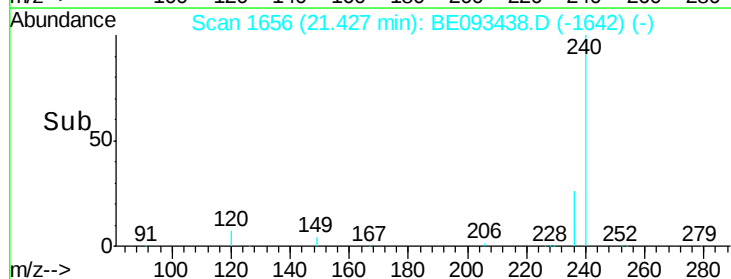
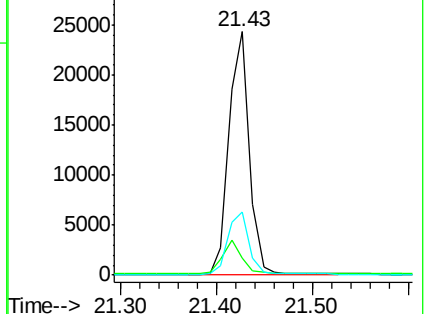
236 26.1 20.8 31.2

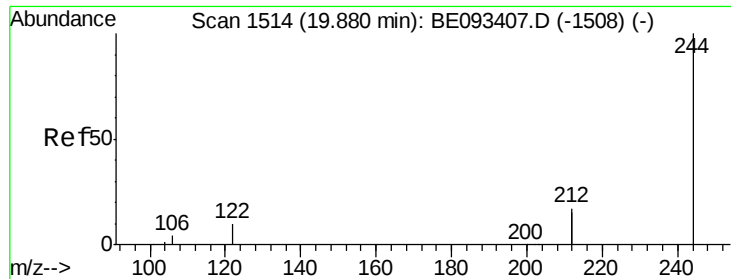


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

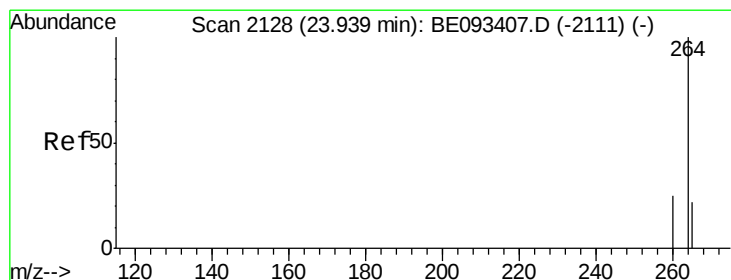
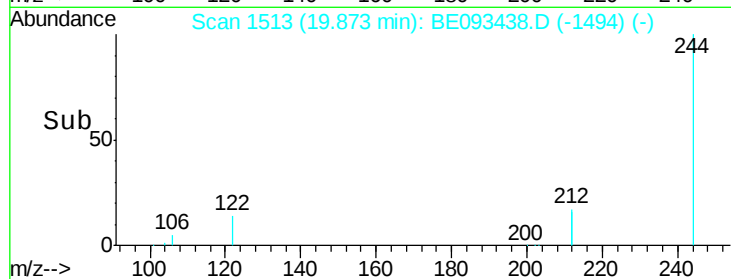
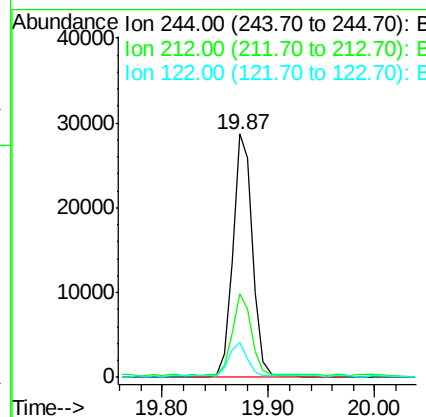
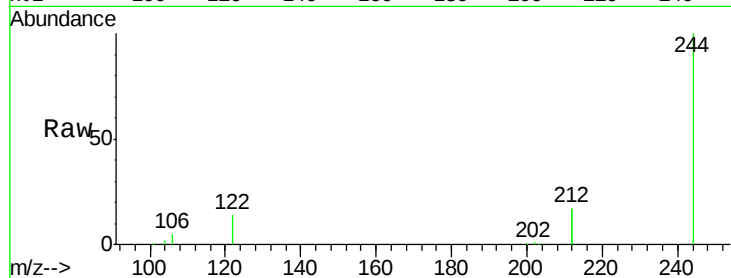




#29
 Terphenyl-d14
 Concen: 0.576 ng
 RT: 19.87 min Scan# 1513
 Delta R.T. -0.01 min
 Lab File: BE093438.D
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Instrument :
 BNA_E
 ClientSampleId :
 MW-08BR-20170629

Tgt Ion: 244 Resp: 37019
 Ion Ratio Lower Upper
 244 100
 212 34.6 10.6 16.0#
 122 14.2 15.4 23.0#



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.93 min Scan# 2127
 Delta R.T. -0.00 min
 Lab File: BE093438.D
 Acq: 7 Jul 2017 11:59

Tgt Ion: 264 Resp: 30901
 Ion Ratio Lower Upper
 264 100
 260 24.6 21.0 31.4
 265 28.1 24.6 36.8

