

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072617\
 Data File : BE093605.D
 Acq On : 26 Jul 2017 15:23
 Operator : SJ/JU
 Sample : I4297-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 MW-37BR-20170714

Quant Time: Jul 27 08:20:24 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE072117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 21 16:13:20 2017
 Response via : Initial Calibration

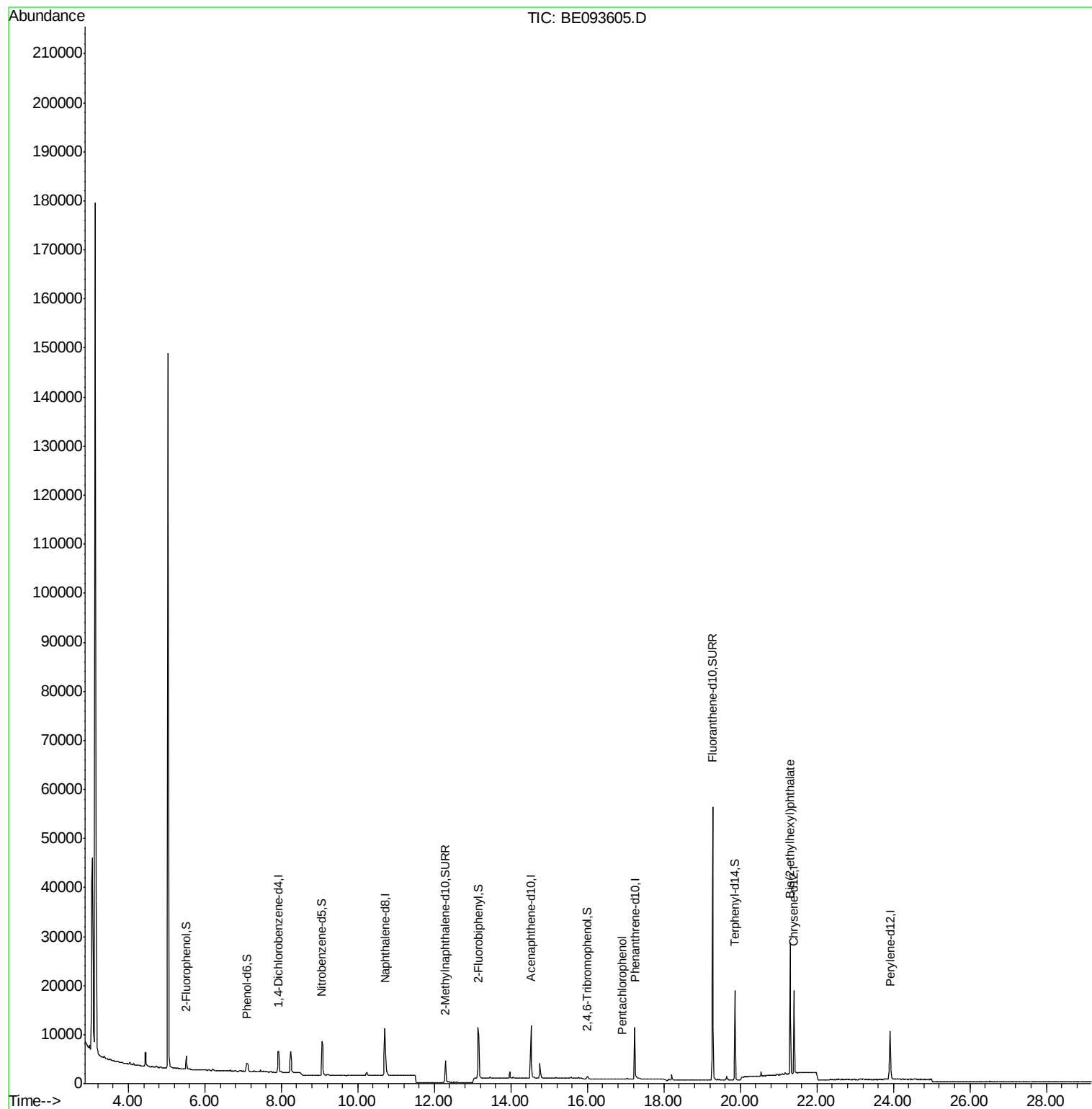
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	2423	0.40	ng	0.00
7) Naphthalene-d8	10.71	136	11321	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	6536	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	17268	0.40	ng	0.00
27) Chrysene-d12	21.40	240	17751	0.40	ng	-0.01
34) Perylene-d12	23.91	264	15352	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.51	112	1382	0.16	ng	0.00
5) Phenol-d6	7.10	99	1240	0.11	ng	0.00
8) Nitrobenzene-d5	9.06	82	3377	0.38	ng	0.00
11) 2-Methylnaphthalene-d10	12.29	152	6627	0.36	ng	0.00
14) 2,4,6-Tribromophenol	16.00	330	645	0.27	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	11651	0.45	ng	-0.01
25) Fluoranthene-d10	19.27	212	74964	0.27	ng	0.00
29) Terphenyl-d14	19.86	244	15214	0.47	ng	0.00
Target Compounds						
22) Pentachlorophenol	16.91	266	20	0.192	ng	Qvalue # 64
32) Bis(2-ethylhexyl)phthalate	21.30	149	28482	0.243	ng	98

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

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.93 min Scan# 403

Delta R.T. 0.00 min

Lab File: BE093605.D

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ClientSampleId :

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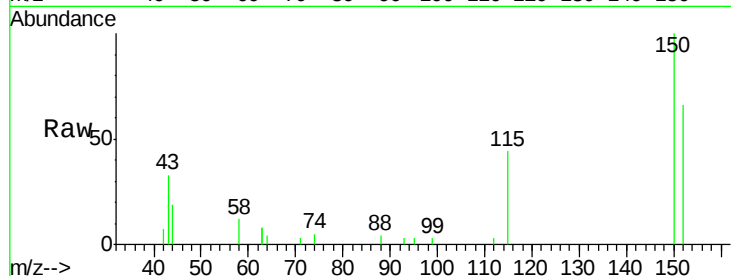
Tgt Ion:152 Resp: 2423

Ion Ratio Lower Upper

152 100

150 151.7 125.1 187.7

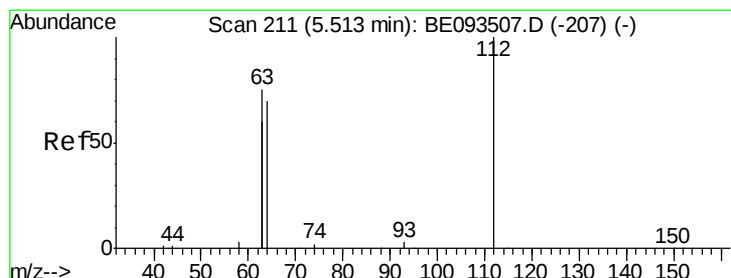
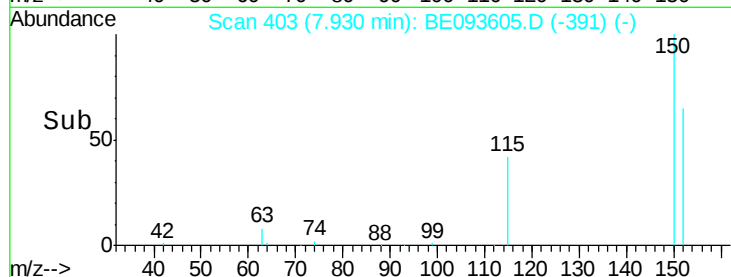
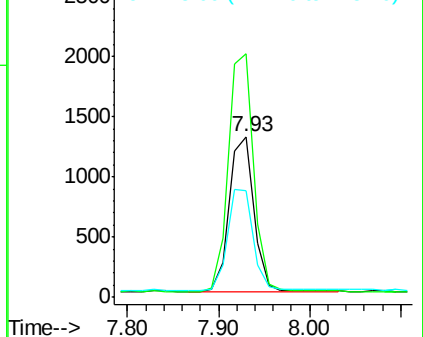
115 66.2 55.7 83.5



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: 0.164 ng

RT: 5.51 min Scan# 211

Delta R.T. 0.00 min

Lab File: BE093605.D

Acq: 26 Jul 2017 15:23

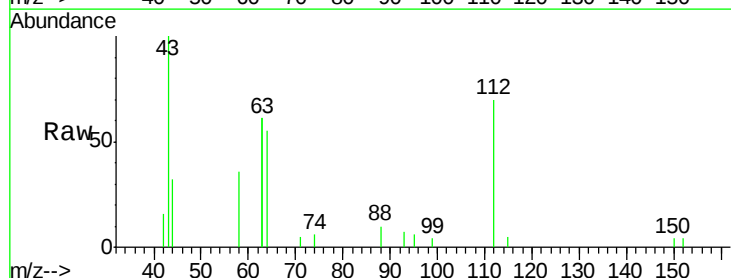
Tgt Ion:112 Resp: 1382

Ion Ratio Lower Upper

112 100

64 70.5 56.4 84.6

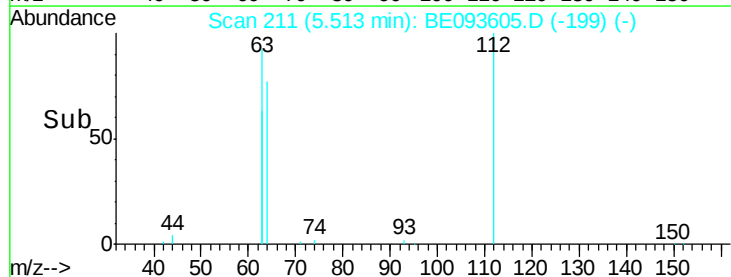
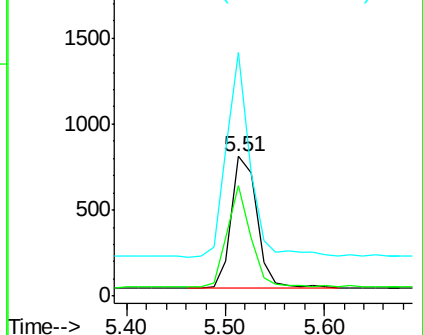
63 142.5 29.3 43.9#

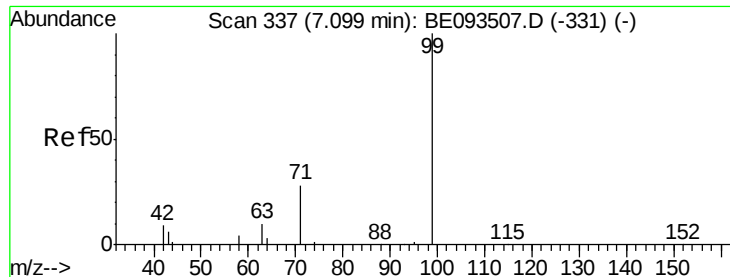


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.105 ng

RT: 7.10 min Scan# 337

Delta R.T. 0.00 min

Lab File: BE093605.D

Acq: 26 Jul 2017 15:23

Instrument :

BNA_E

ClientSampleId :

MW-37BR-20170714

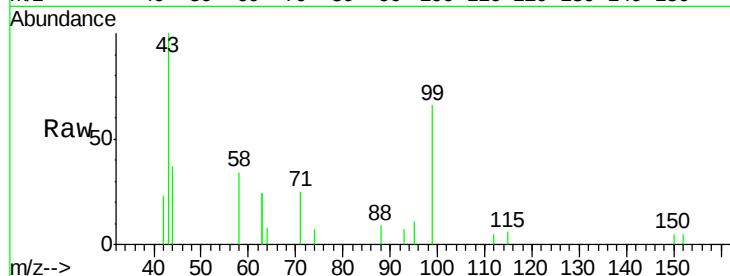
Tgt Ion: 99 Resp: 1240

Ion Ratio Lower Upper

99 100

42 28.4 0.0 0.0#

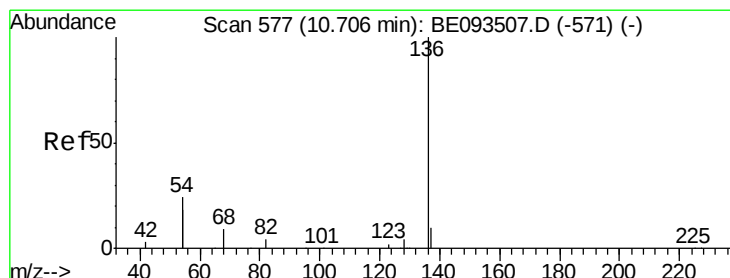
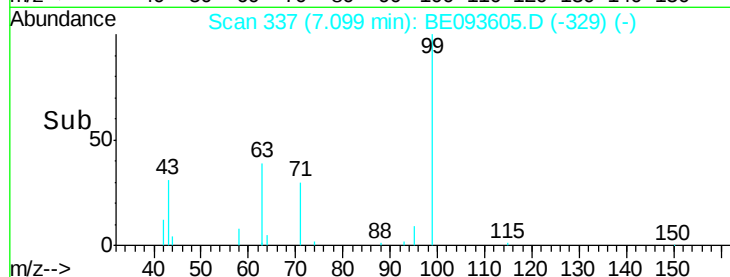
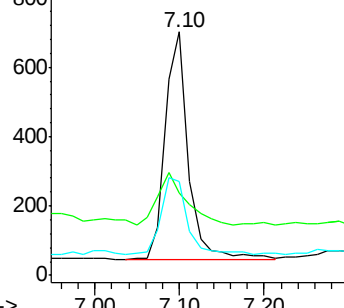
71 37.5 0.0 0.0#



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: 10.71 min Scan# 577

Delta R.T. -0.00 min

Lab File: BE093605.D

Acq: 26 Jul 2017 15:23

Tgt Ion: 136 Resp: 11321

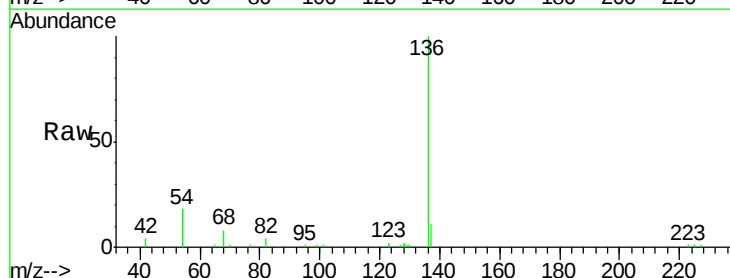
Ion Ratio Lower Upper

136 100

137 11.3 9.8 14.8

54 37.0 10.3 15.5#

68 7.6 9.0 13.4#

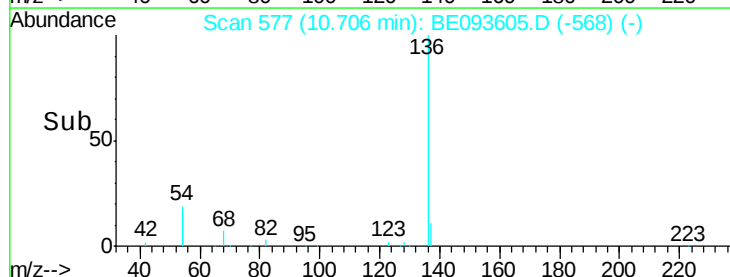
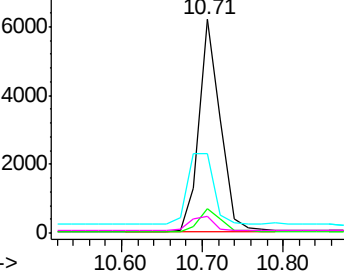


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.375 ng

RT: 9.06 min Scan# 479

Delta R.T. -0.00 min

Lab File: BE093605.D

Acq: 26 Jul 2017 15:23

Instrument :

BNA_E

ClientSampleId :

MW-37BR-20170714

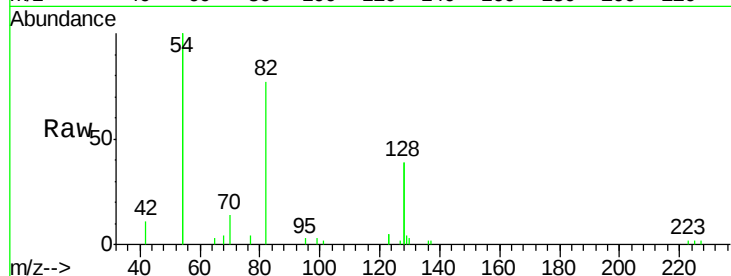
Tgt Ion: 82 Resp: 3377

Ion Ratio Lower Upper

82 100

128 101.9 17.0 25.4#

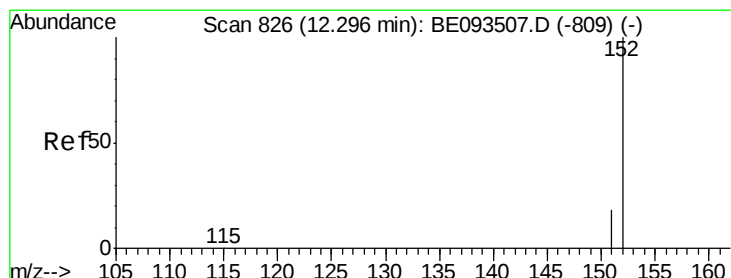
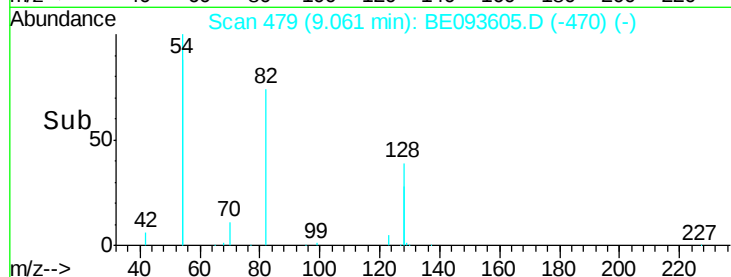
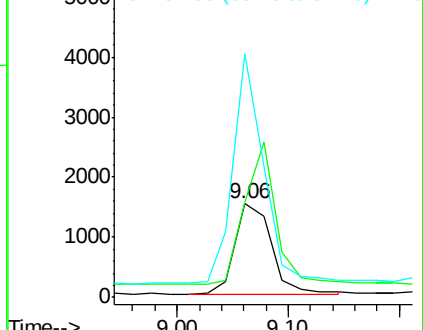
54 259.9 53.8 80.6#



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: 0.362 ng

RT: 12.29 min Scan# 825

Delta R.T. -0.00 min

Lab File: BE093605.D

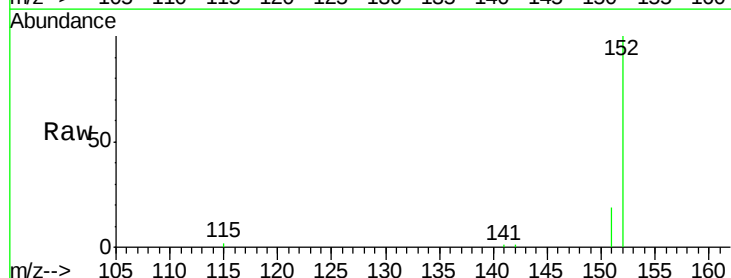
Acq: 26 Jul 2017 15:23

Tgt Ion: 152 Resp: 6627

Ion Ratio Lower Upper

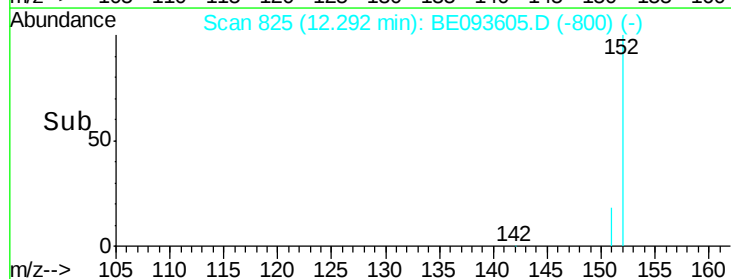
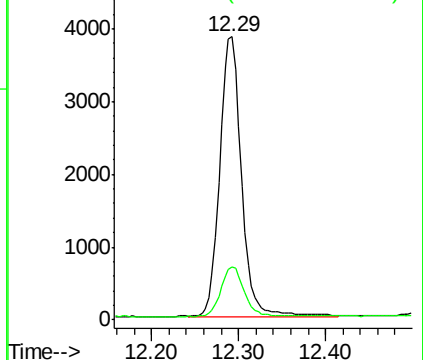
152 100

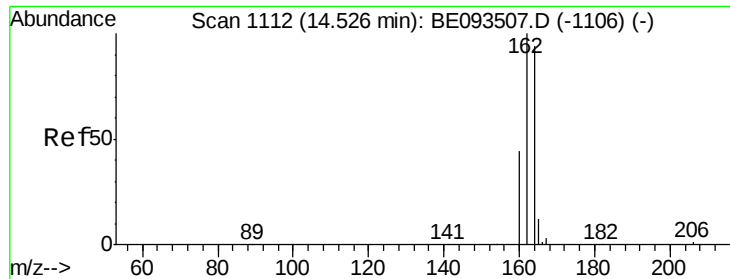
151 19.0 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): BE0

Ion 151.00 (150.70 to 151.70): BE0

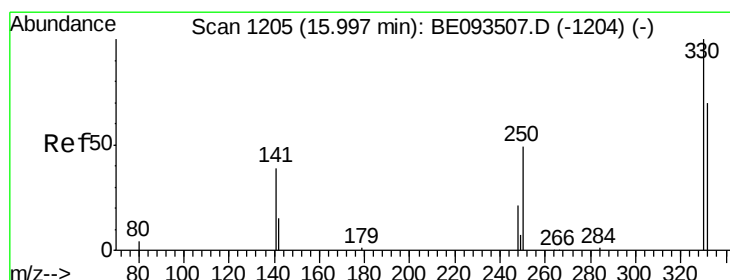
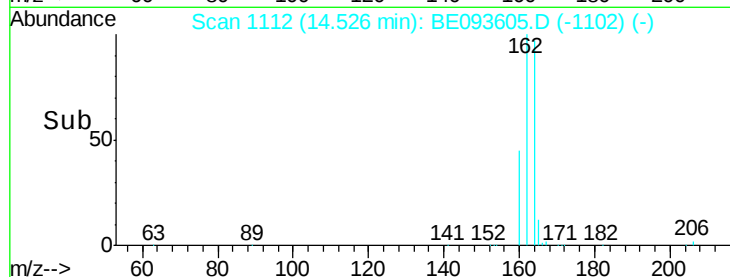
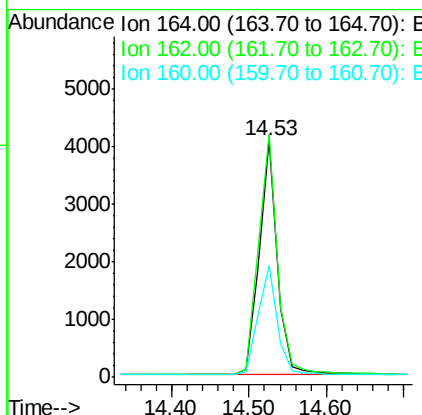
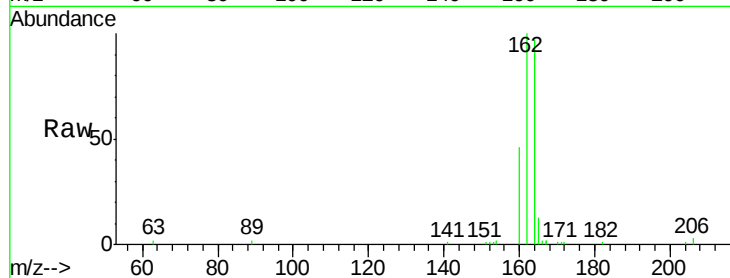




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.53 min Scan# 1112
 Delta R.T. 0.00 min
 Lab File: BE093605.D
 Acq: 26 Jul 2017 15:23

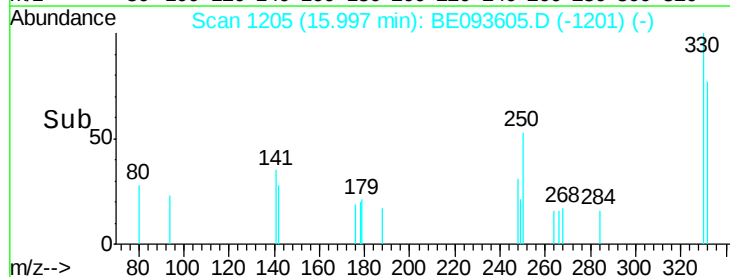
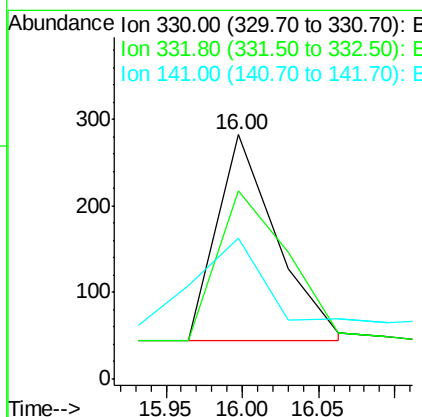
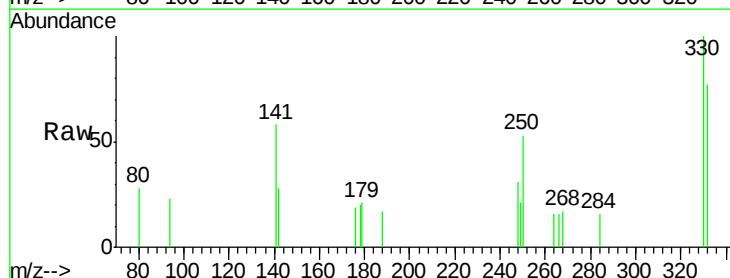
Instrument :
 BNA_E
 ClientSampleId :
 MW-37BR-20170714

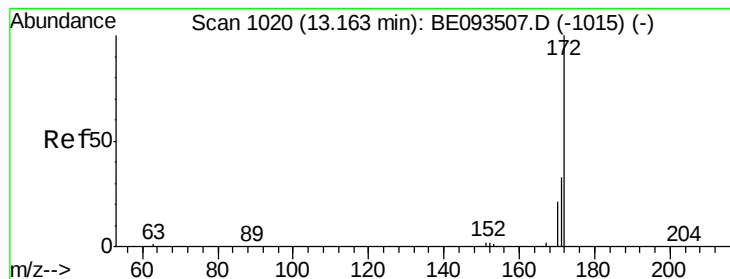
Tgt Ion:164 Resp: 6536
 Ion Ratio Lower Upper
 164 100
 162 102.9 84.6 127.0
 160 47.1 41.8 62.6



#14
 2,4,6-Tribromophenol
 Concen: 0.271 ng
 RT: 16.00 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BE093605.D
 Acq: 26 Jul 2017 15:23

Tgt Ion:330 Resp: 645
 Ion Ratio Lower Upper
 330 100
 332 86.0 77.7 116.5
 141 46.7 56.2 84.4#





#15

2-Fluorobiphenyl

Concen: 0.453 ng

RT: 13.15 min Scan# 1019

Delta R.T. -0.01 min

Lab File: BE093605.D

Acq: 26 Jul 2017 15:23

Instrument :

BNA_E

ClientSampleId :

MW-37BR-20170714

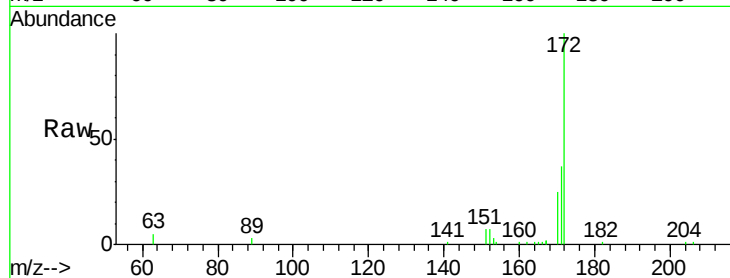
Tgt Ion:172 Resp: 11651

Ion Ratio Lower Upper

172 100

171 37.5 29.8 44.6

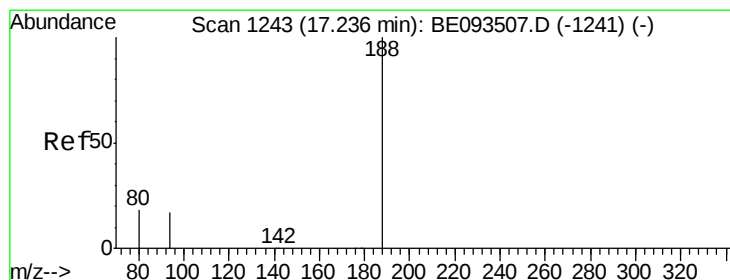
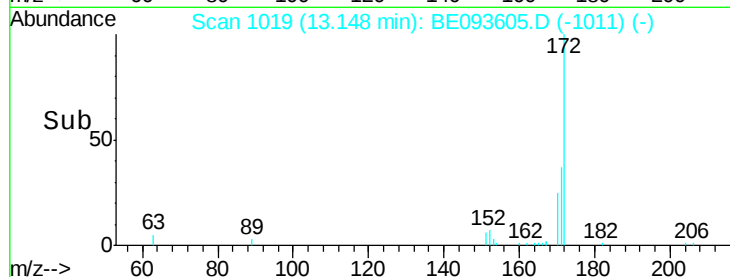
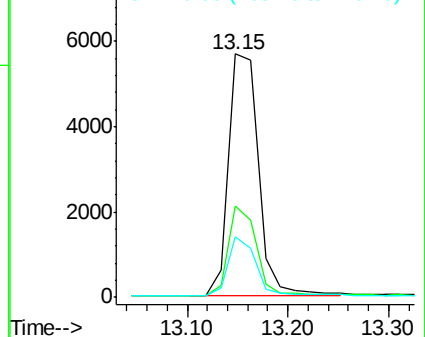
170 24.9 20.7 31.1



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: 17.24 min Scan# 1243

Delta R.T. 0.00 min

Lab File: BE093605.D

Acq: 26 Jul 2017 15:23

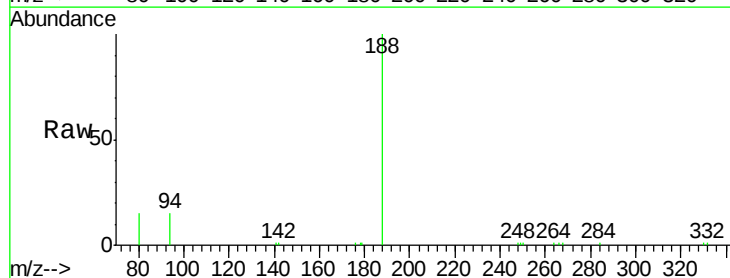
Tgt Ion:188 Resp: 17268

Ion Ratio Lower Upper

188 100

94 14.7 11.3 16.9

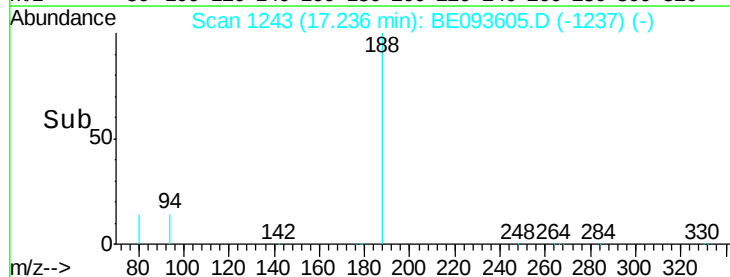
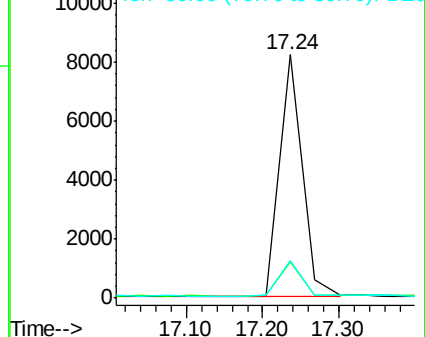
80 15.2 11.7 17.5

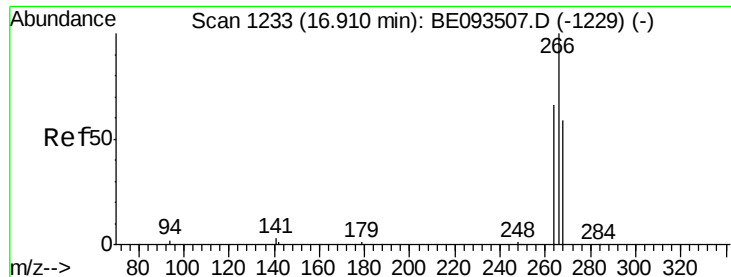


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0

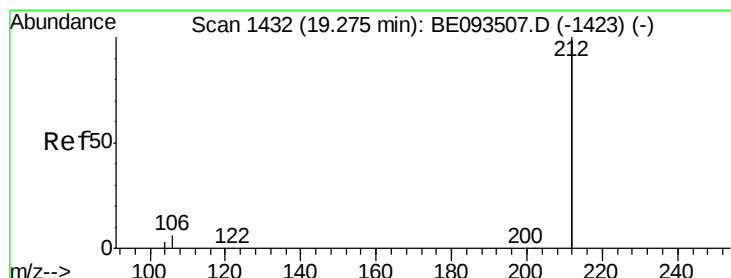
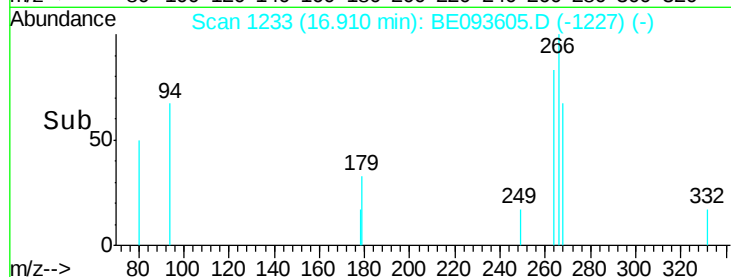
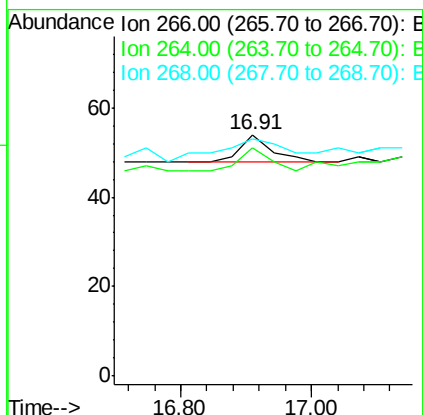
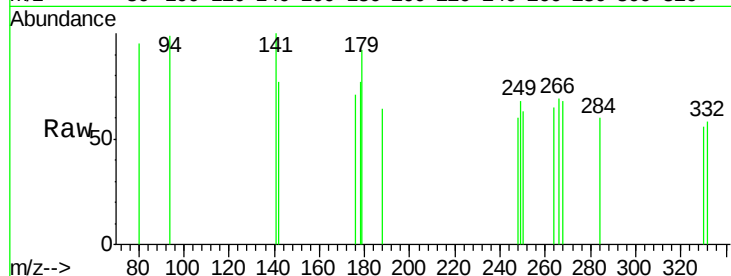




#22
 Pentachlorophenol
 Concen: 0.192 ng
 RT: 16.91 min Scan# 1233
 Delta R.T. 0.00 min
 Lab File: BE093605.D
 Acq: 26 Jul 2017 15:23

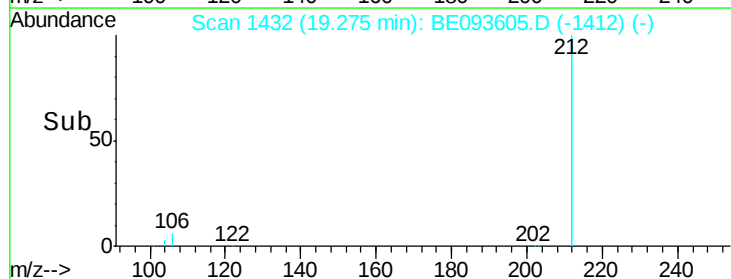
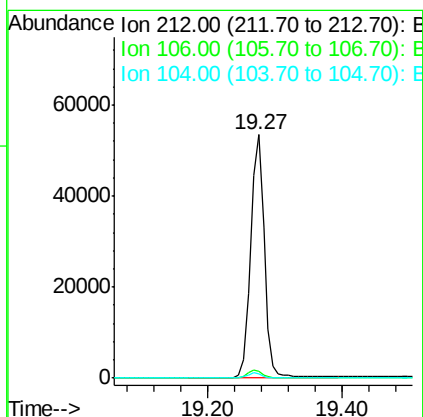
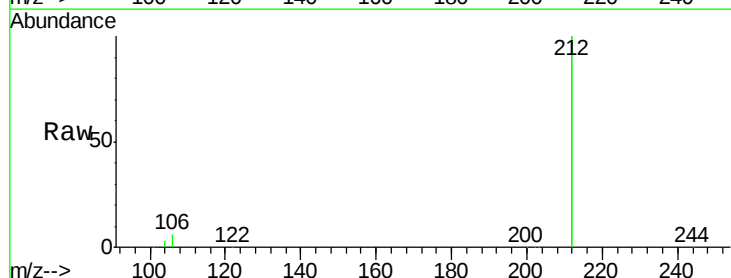
Instrument :
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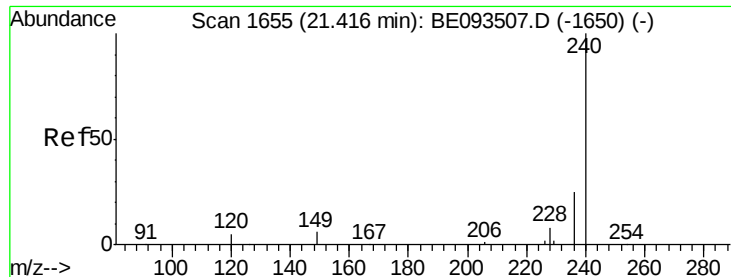
Tgt Ion: 266 Resp: 20
 Ion Ratio Lower Upper
 266 100
 264 94.4 56.0 84.0#
 268 98.1 52.0 78.0#



#25
 Fluoranthene-d10
 Concen: 0.273 ng
 RT: 19.27 min Scan# 1432
 Delta R.T. 0.00 min
 Lab File: BE093605.D
 Acq: 26 Jul 2017 15:23

Tgt Ion: 212 Resp: 74964
 Ion Ratio Lower Upper
 212 100
 106 3.5 2.4 3.6
 104 1.9 1.6 2.4





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.40 min Scan# 1654

Delta R.T. -0.01 min

Lab File: BE093605.D

Acq: 26 Jul 2017 15:23

Instrument :

BNA_E

ClientSampleId :

MW-37BR-20170714

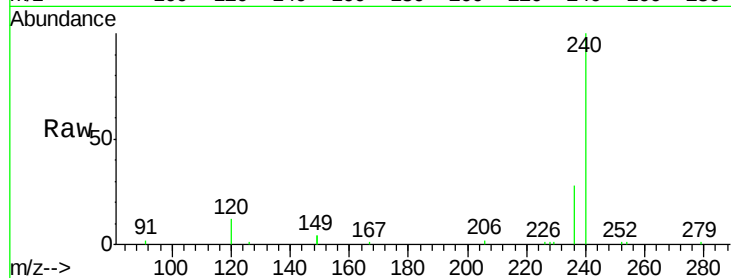
Tgt Ion:240 Resp: 17751

Ion Ratio Lower Upper

240 100

120 12.0 4.6 7.0#

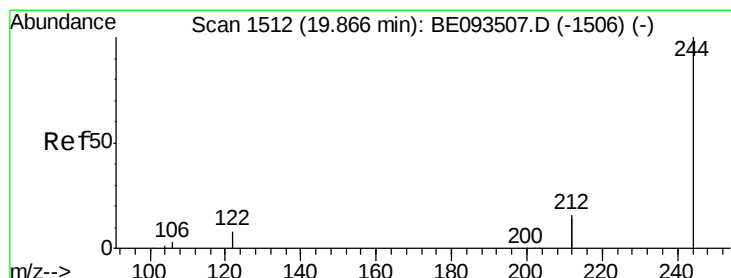
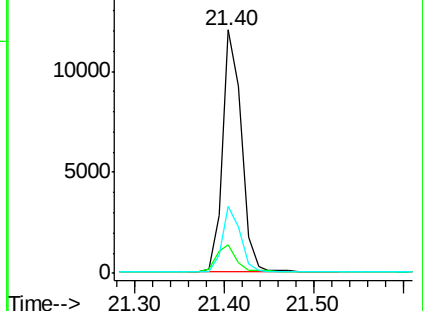
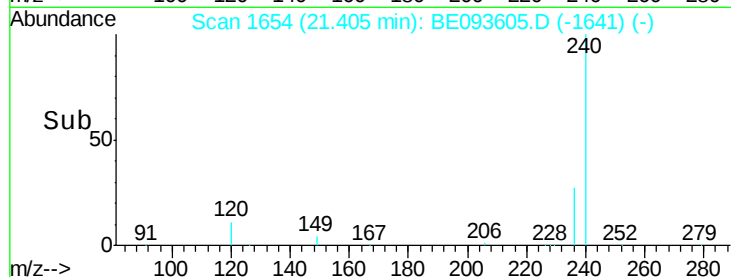
236 27.8 20.8 31.2



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: 0.471 ng

RT: 19.86 min Scan# 1511

Delta R.T. -0.01 min

Lab File: BE093605.D

Acq: 26 Jul 2017 15:23

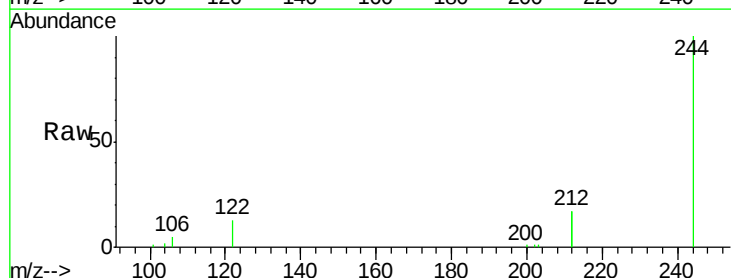
Tgt Ion:244 Resp: 15214

Ion Ratio Lower Upper

244 100

212 34.1 10.6 16.0#

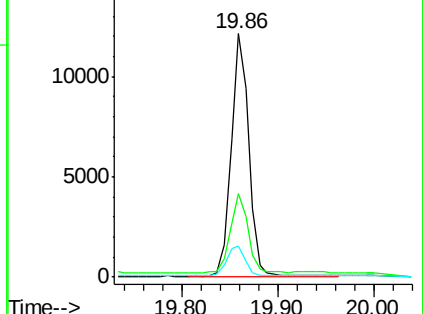
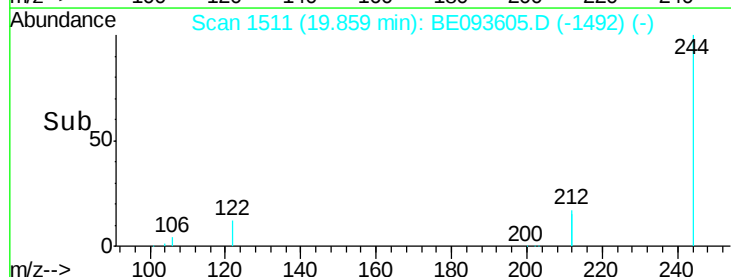
122 12.7 15.4 23.0#

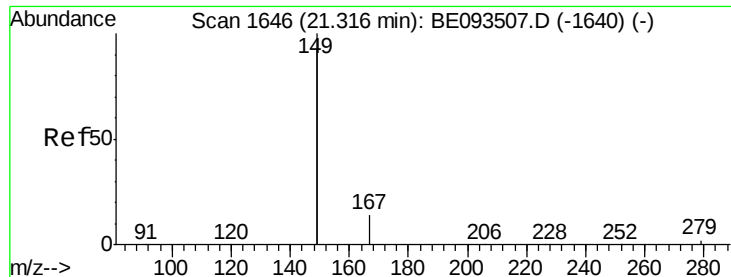


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

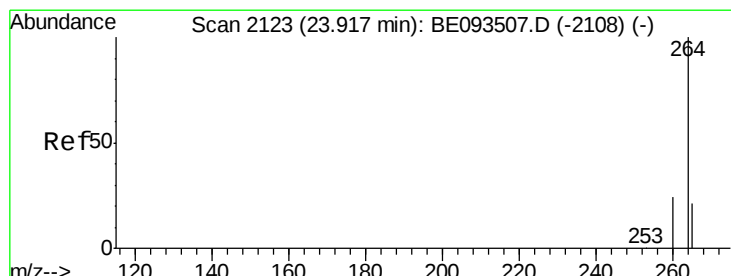
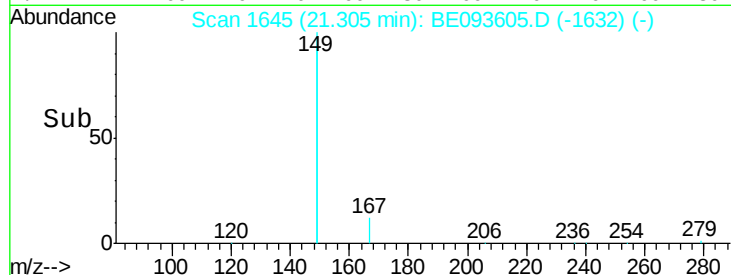
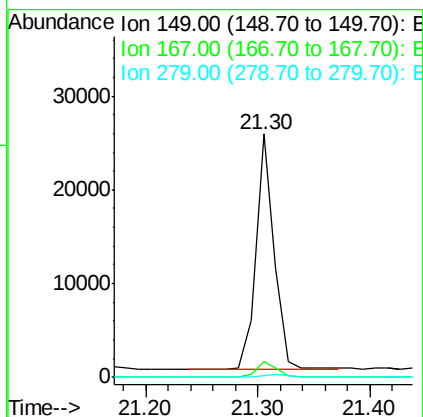
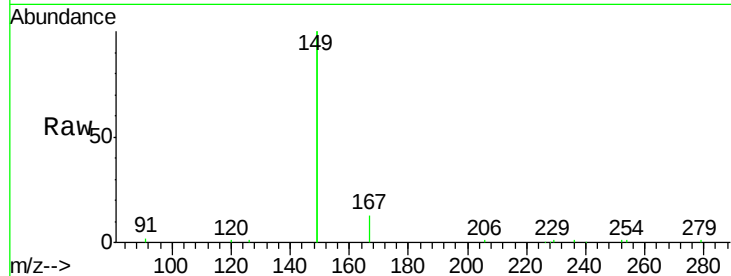




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.243 ng
 RT: 21.30 min Scan# 1645
 Delta R.T. -0.01 min
 Lab File: BE093605.D
 Acq: 26 Jul 2017 15:23

Instrument :
 BNA_E
 ClientSampleId :
 MW-37BR-20170714

Tgt Ion:149 Resp: 28482
 Ion Ratio Lower Upper
 149 100
 167 6.6 4.8 7.2
 279 0.9 0.8 1.2



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.91 min Scan# 2122
 Delta R.T. -0.00 min
 Lab File: BE093605.D
 Acq: 26 Jul 2017 15:23

Tgt Ion:264 Resp: 15352
 Ion Ratio Lower Upper
 264 100
 260 25.0 21.0 31.4
 265 26.4 24.6 36.8

