

Data File : BE093399.D
Acq On : 1 Jul 2017 19:11
Operator : SJ/JU
Sample : I3984-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
MH-121.5N-20170627

Quant Time: Jul 03 05:12:19 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 01 15:43:24 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	2815	0.40	ng	0.00
7) Naphthalene-d8	10.74	136	13536	0.40	ng	0.00
13) Acenaphthene-d10	14.54	164	8484	0.40	ng	-0.02
19) Phenanthrene-d10	17.27	188	32037	0.40	ng	0.00
27) Chrysene-d12	21.43	240	37453	0.40	ng	-0.01
34) Perylene-d12	23.94	264	33427	0.40	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.53	112	1542	0.18	ng	0.00
5) Phenol-d6	7.10	99	1375	0.11	ng	0.00
8) Nitrobenzene-d5	9.08	82	3463	0.43	ng	-0.02
11) 2-Methylnaphthalene-d10	12.31	152	7686	0.36	ng	0.00
14) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
15) 2-Fluorobiphenyl	13.18	172	13136	0.40	ng	0.00
25) Fluoranthene-d10	19.29	212	134368	0.45	ng	0.00
29) Terphenyl-d14	19.88	244	28616	0.41	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	3.45	88	1313	0.23	ng	# 32
3) n-Nitrosodimethylamine	3.75	42	113	0.15	ng	# 15
20) 4-Bromophenyl-phenylether	16.45	248	8	0.11	ng	# 79
22) Pentachlorophenol	16.91	266	22	0.03	ng	# 84
32) Bis(2-ethylhexyl)phthalate	21.34	149	35508	0.24	ng	# 66

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

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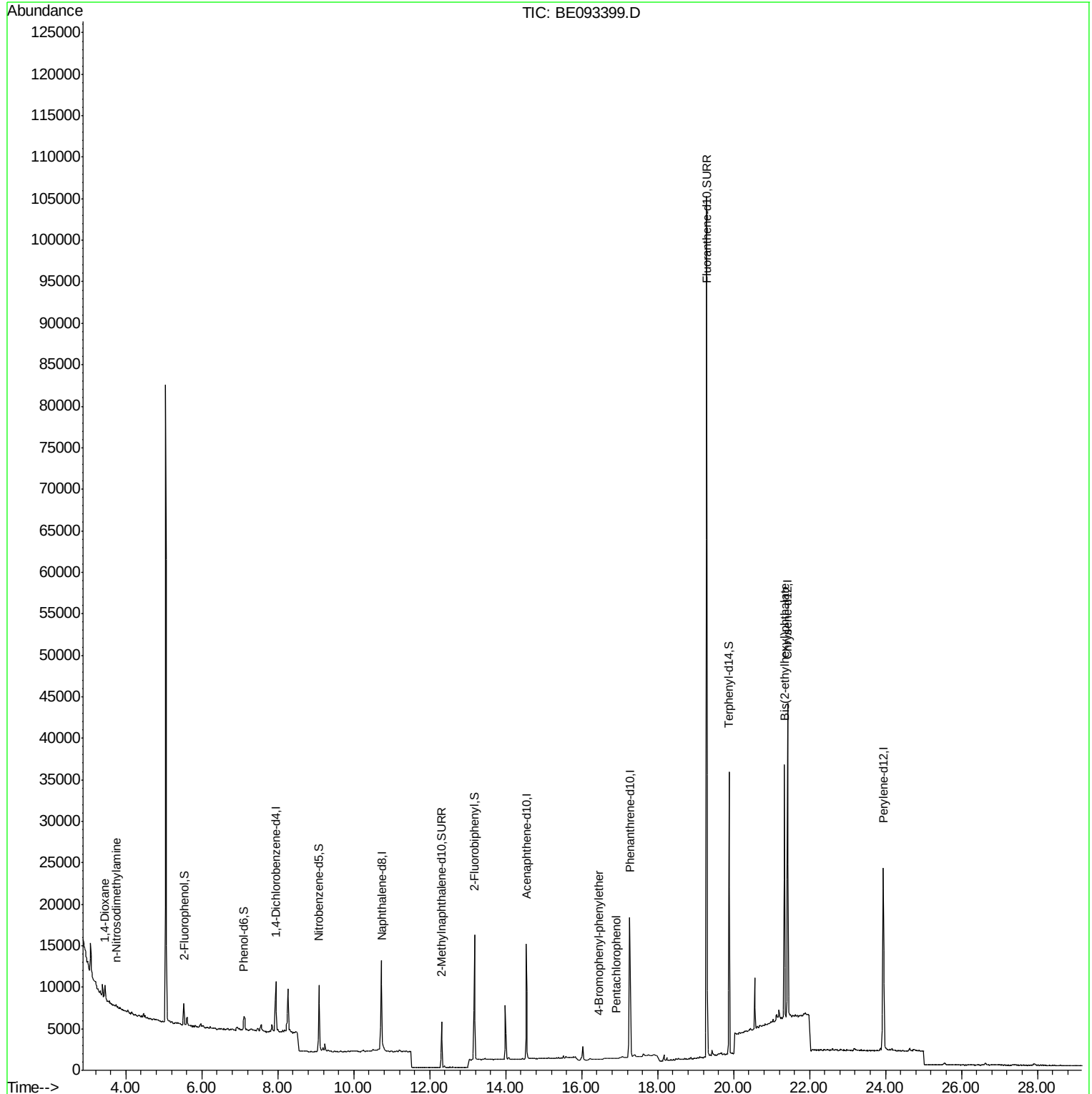
Quant Time: Jul 03 05:12:19 2017

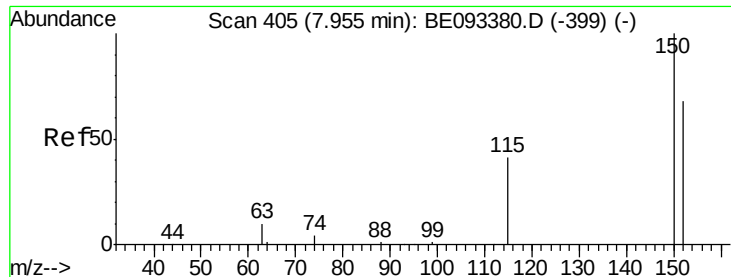
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE070117.M

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#1

1,4-Dichlorobenzene-d4

Concen: 0.40 ng

RT: 7.95 min Scan# 404

Delta R.T. -0.01 min

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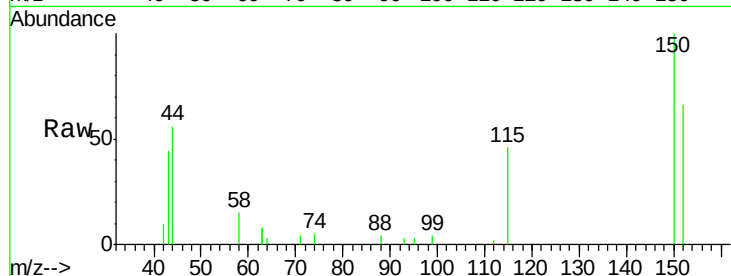
Tgt Ion:152 Resp: 2815

Ion Ratio Lower Upper

152 100

150 152.3 125.1 187.7

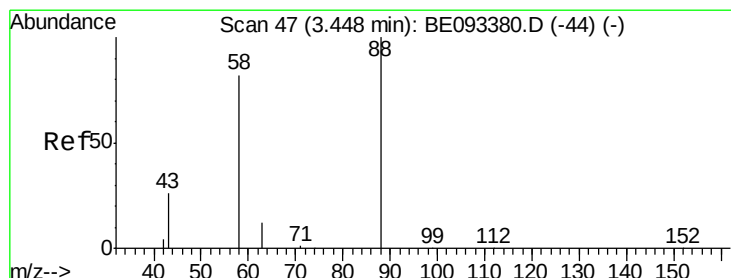
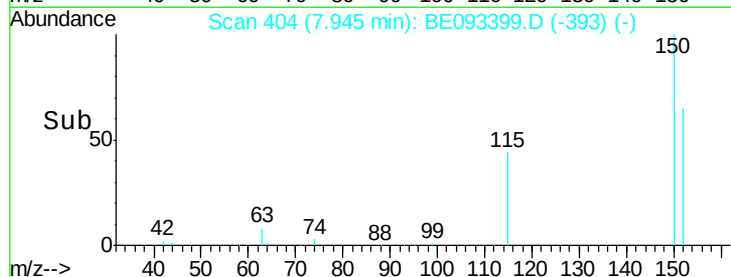
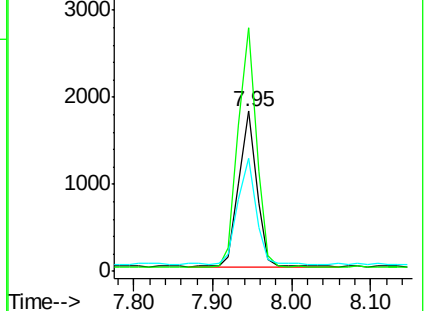
115 70.8 55.7 83.5



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: 0.23 ng

RT: 3.45 min Scan# 47

Delta R.T. 0.00 min

Lab File: BE093399.D

Acq: 1 Jul 2017 19:11

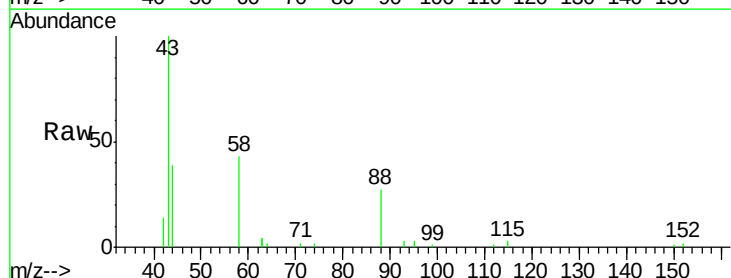
Tgt Ion: 88 Resp: 1313

Ion Ratio Lower Upper

88 100

58 112.4 62.2 93.4#

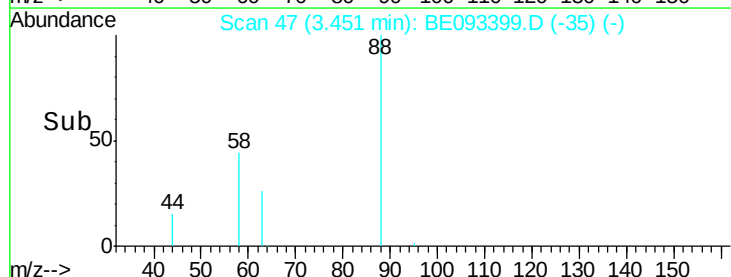
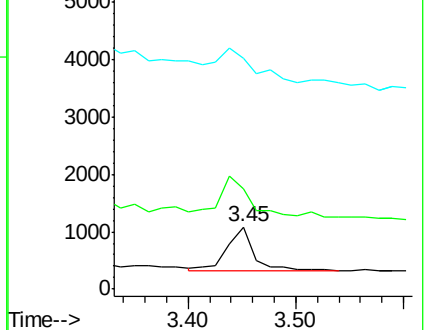
43 104.9 23.2 34.8#

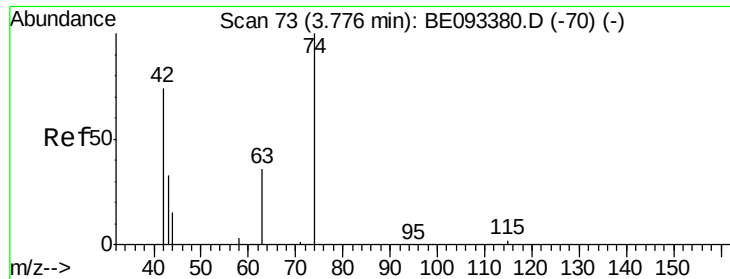


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.15 ng

RT: 3.75 min Scan# 71

Delta R.T. -0.02 min

Lab File: BE093399.D

Acq: 1 Jul 2017 19:11

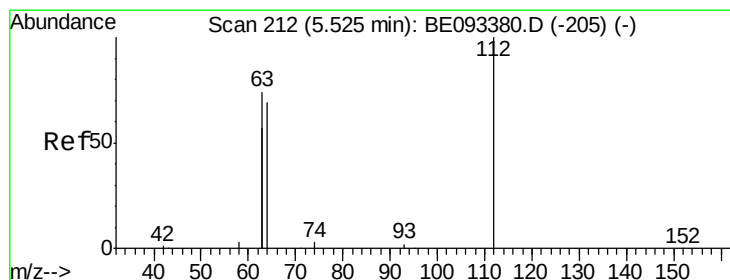
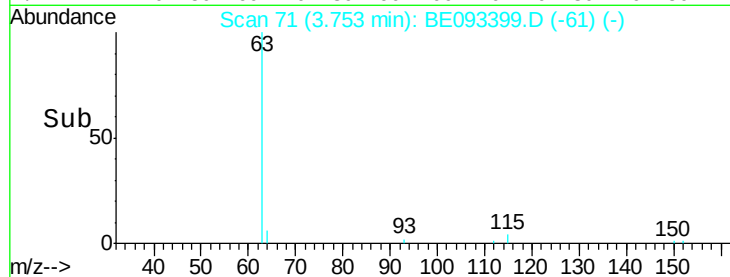
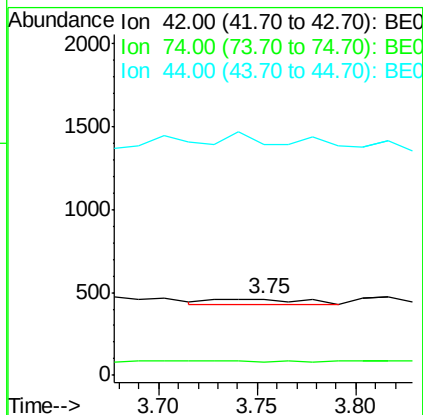
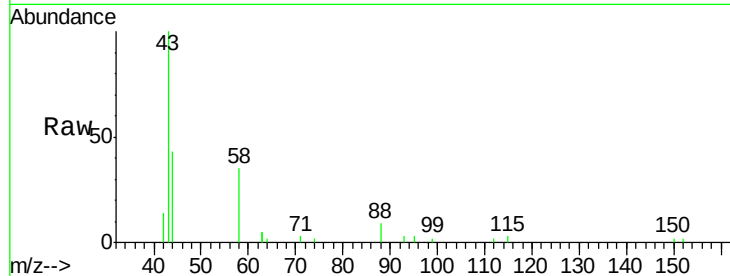
Instrument :

BNA_E

ClientSampleId :

MH-121.5N-20170627

Tgt Ion:	42	Resp:	113
Ion	Ratio	Lower	Upper
42	100		
74	23.0	99.1	148.7#
44	0.0	7.4	11.2#



#4

2-Fluorophenol

Concen: 0.18 ng

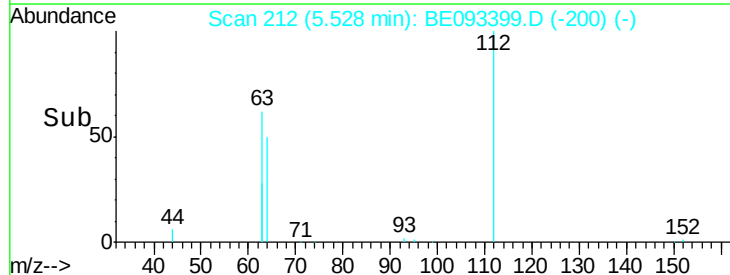
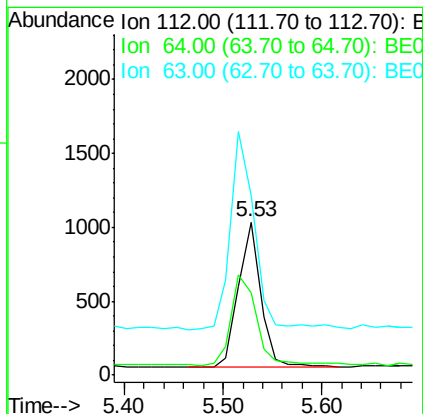
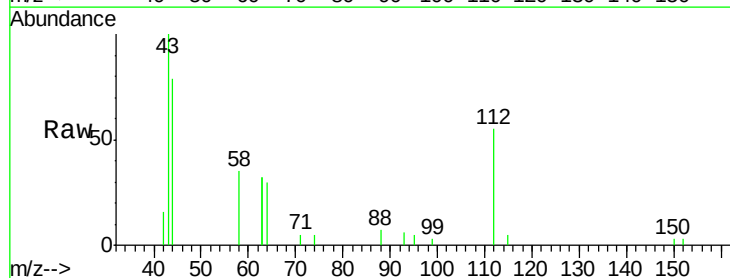
RT: 5.53 min Scan# 212

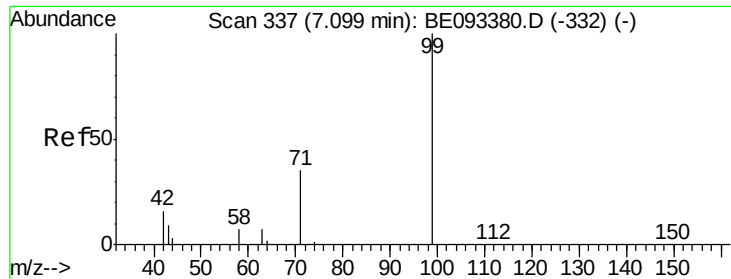
Delta R.T. 0.00 min

Lab File: BE093399.D

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Tgt Ion:	112	Resp:	1542
Ion	Ratio	Lower	Upper
112	100		
64	72.3	56.4	84.6
63	145.8	29.3	43.9#





#5

Phenol-d6

Concen: 0.11 ng

RT: 7.10 min Scan# 337

Delta R.T. 0.00 min

Lab File: BE093399.D

Acq: 1 Jul 2017 19:11

Instrument :

BNA_E

ClientSampleId :

MH-121.5N-20170627

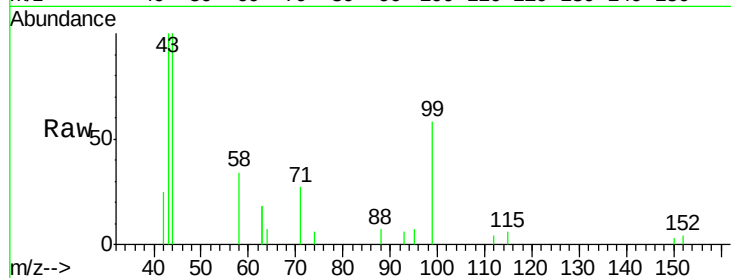
Tgt Ion: 99 Resp: 1375

Ion Ratio Lower Upper

99 100

42 27.1 0.0 0.0#

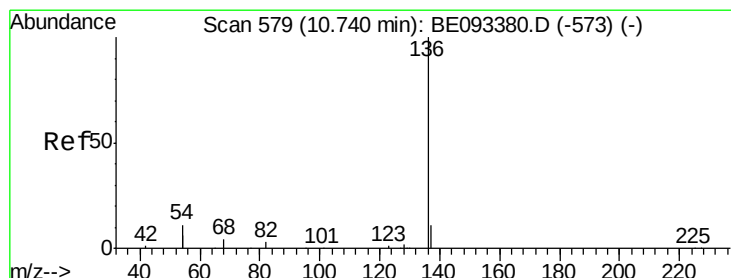
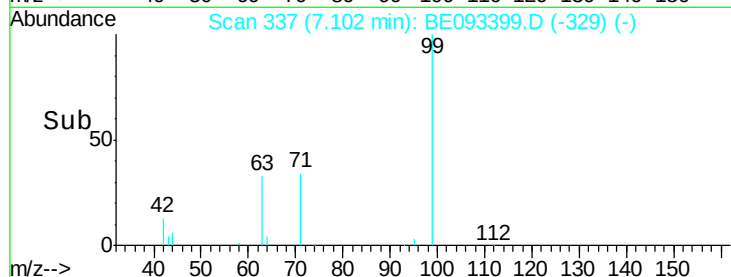
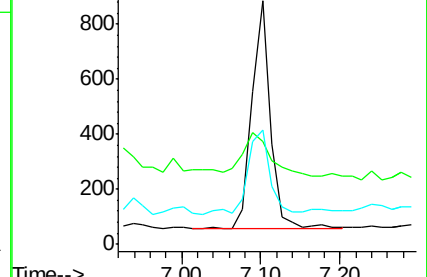
71 46.1 0.0 0.0#



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



#7

Naphthalene-d8

Concen: 0.40 ng

RT: 10.74 min Scan# 579

Delta R.T. 0.00 min

Lab File: BE093399.D

Acq: 1 Jul 2017 19:11

Tgt Ion: 136 Resp: 13536

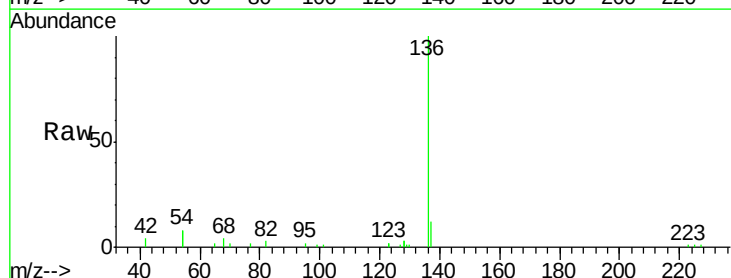
Ion Ratio Lower Upper

136 100

137 11.9 9.8 14.8

54 16.6 10.3 15.5#

68 3.8 9.0 13.4#

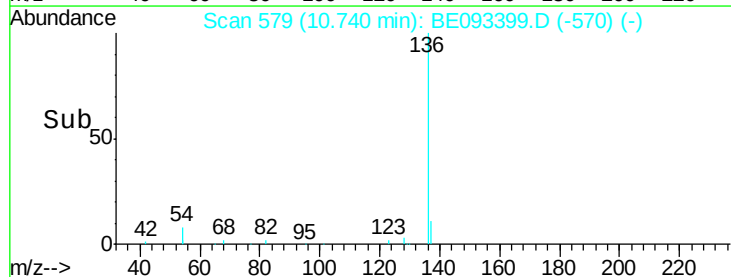
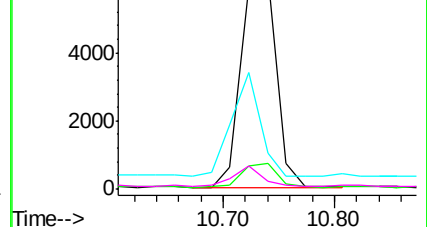


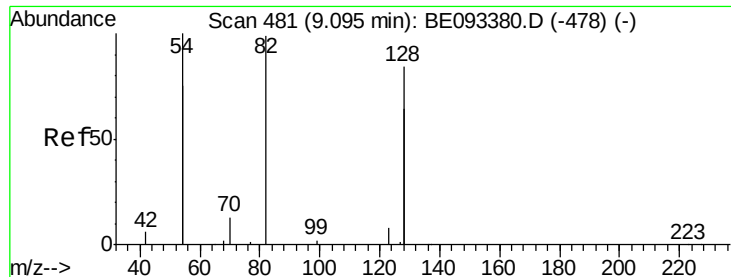
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.43 ng

RT: 9.08 min Scan# 480

Delta R.T. -0.02 min

Lab File: BE093399.D

Acq: 1 Jul 2017 19:11

Instrument :

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ClientSampleId :

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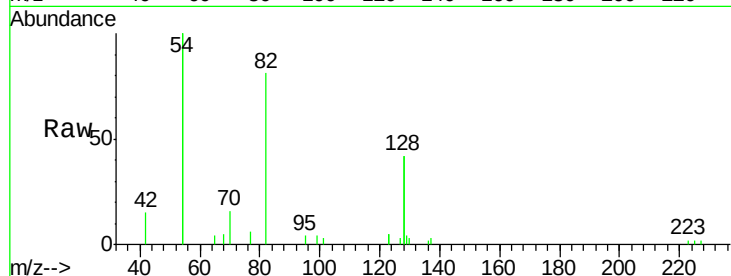
Tgt Ion: 82 Resp: 3463

Ion Ratio Lower Upper

82 100

128 102.5 17.0 25.4#

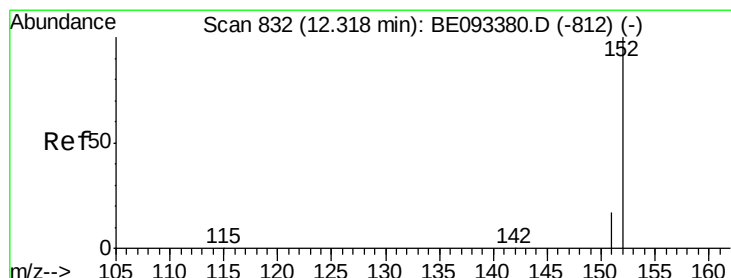
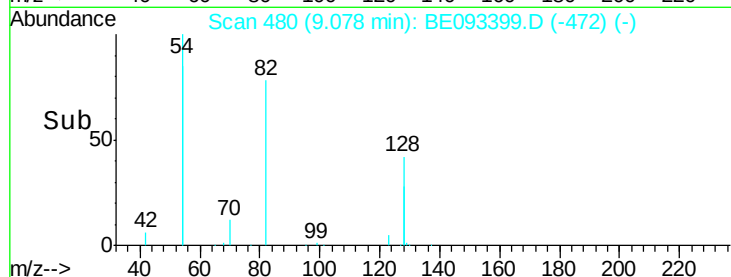
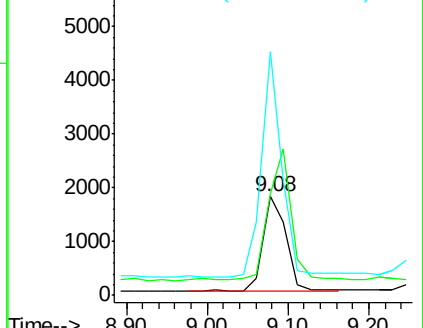
54 246.2 53.8 80.6#



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: 0.36 ng

RT: 12.31 min Scan# 830

Delta R.T. -0.01 min

Lab File: BE093399.D

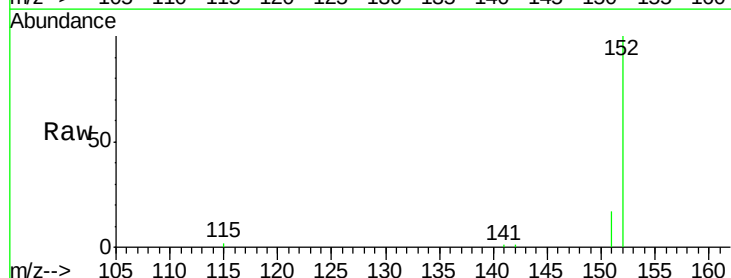
Acq: 1 Jul 2017 19:11

Tgt Ion: 152 Resp: 7686

Ion Ratio Lower Upper

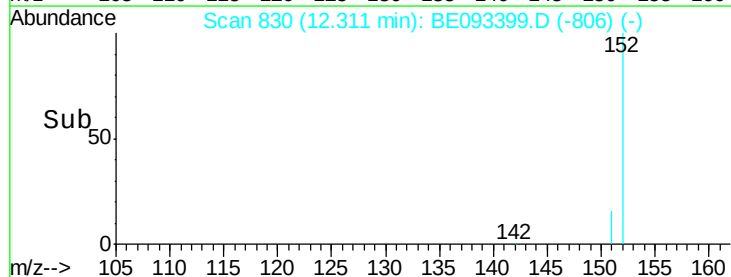
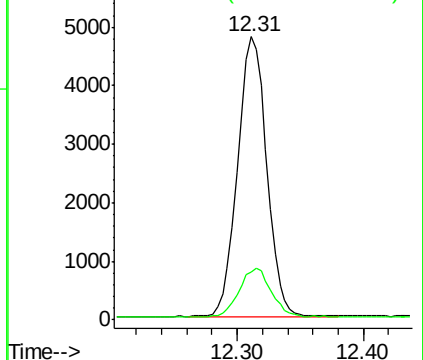
152 100

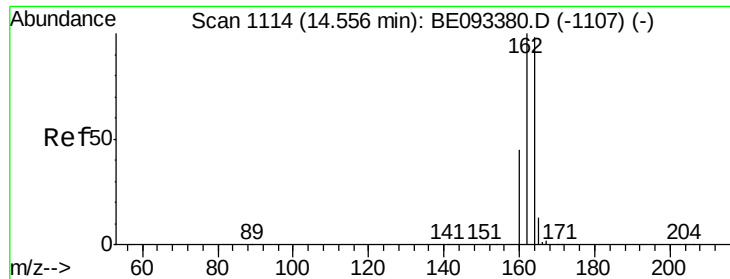
151 18.6 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E





#13

Acenaphthene-d10

Concen: 0.40 ng

RT: 14.54 min Scan# 1112

Delta R.T. -0.02 min

Lab File: BE093399.D

Acq: 1 Jul 2017 19:11

Instrument :

BNA_E

ClientSampleId :

MH-121.5N-20170627

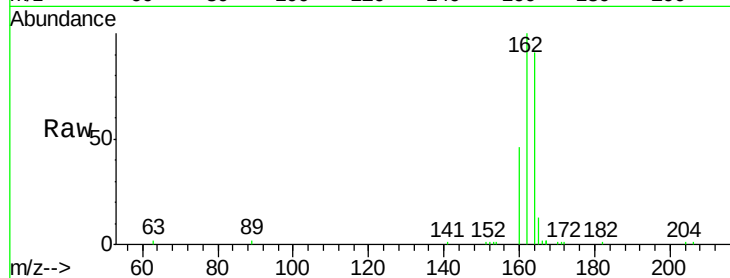
Tgt Ion: 164 Resp: 8484

Ion Ratio Lower Upper

164 100

162 109.3 84.6 127.0

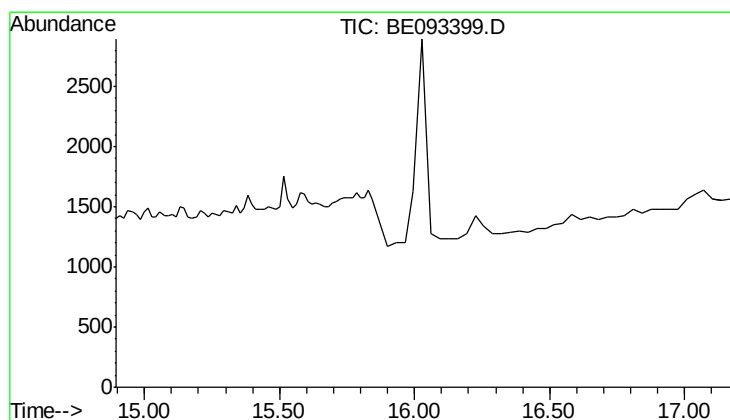
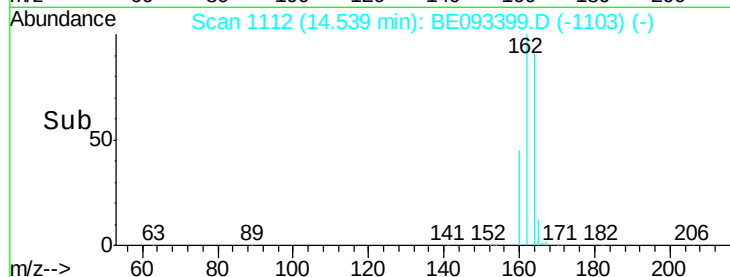
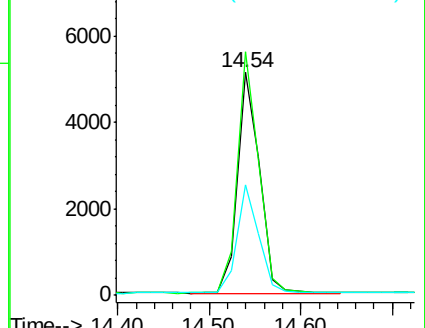
160 49.8 41.8 62.6



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: 0.00 ng

Expected RT: 16.03 min

Lab File: BE093399.D

Acq: 1 Jul 2017 19:11

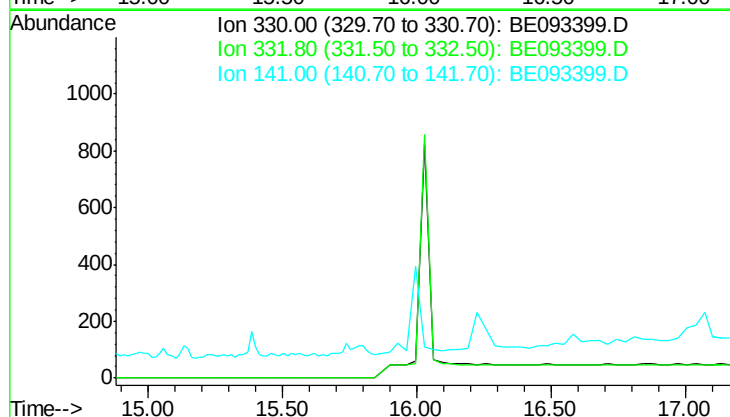
Tgt Ion: 330

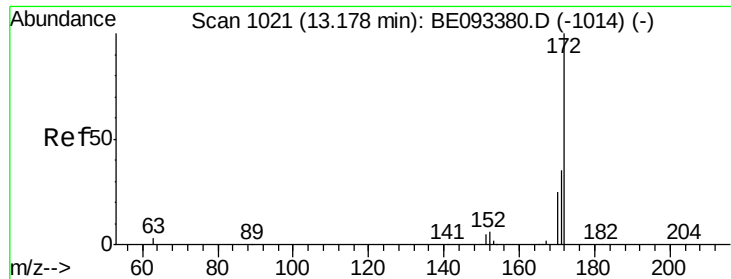
Sig Exp Ratio

330 100

332 97.1

141 70.3

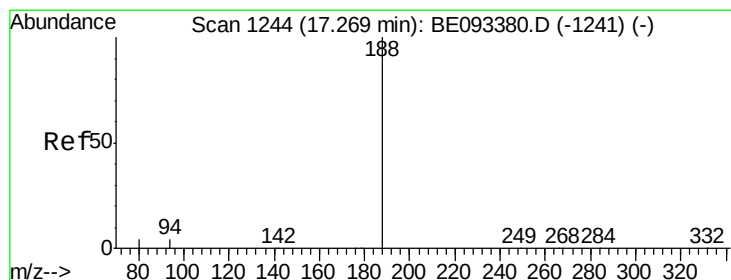
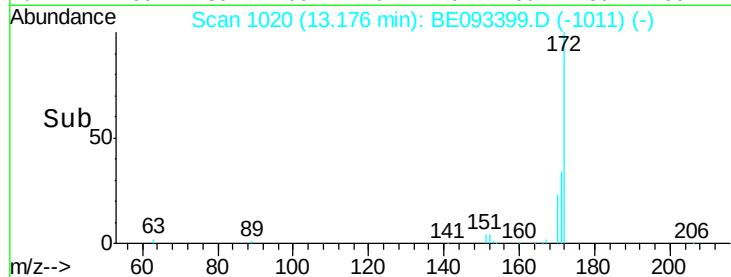
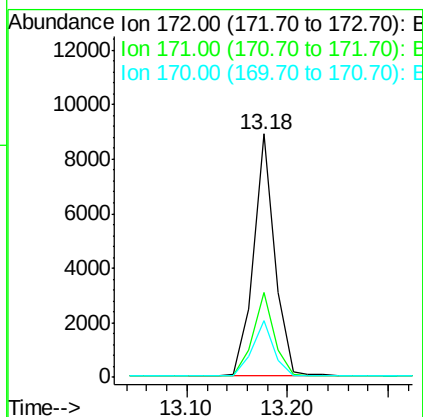
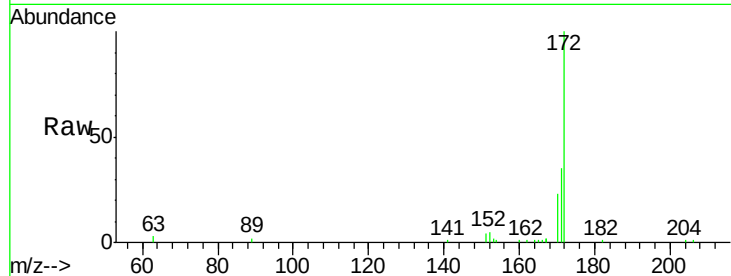




#15
2-Fluorobiphenyl
Concen: 0.40 ng
RT: 13.18 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BE093399.D
Acq: 1 Jul 2017 19:11

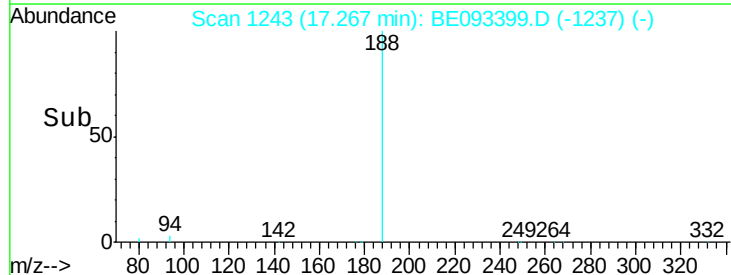
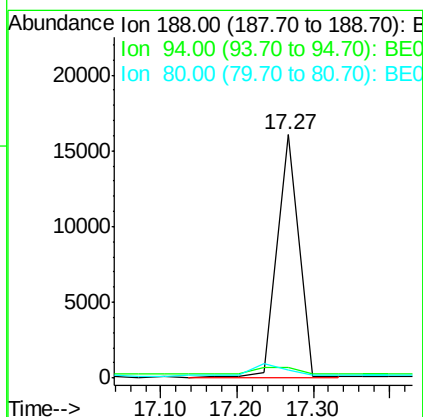
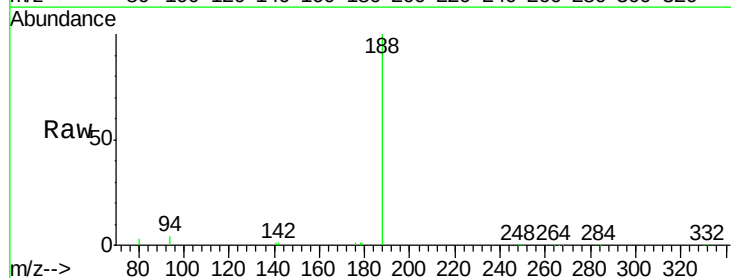
Instrument :
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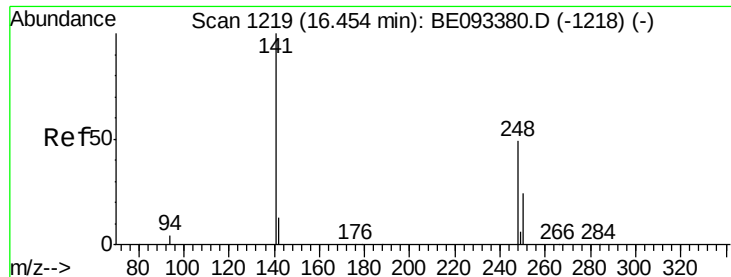
Tgt Ion:172 Resp: 13136
Ion Ratio Lower Upper
172 100
171 34.8 29.8 44.6
170 23.0 20.7 31.1



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.27 min Scan# 1243
Delta R.T. -0.00 min
Lab File: BE093399.D
Acq: 1 Jul 2017 19:11

Tgt Ion:188 Resp: 32037
Ion Ratio Lower Upper
188 100
94 4.4 11.3 16.9#
80 3.3 11.7 17.5#

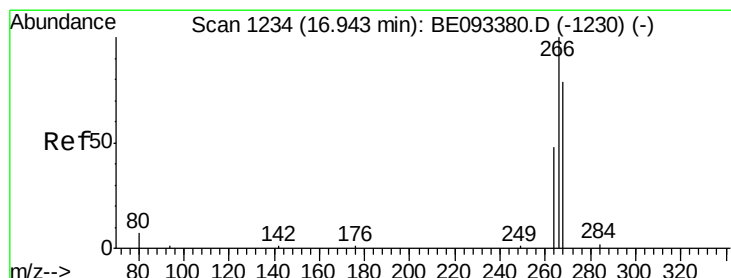
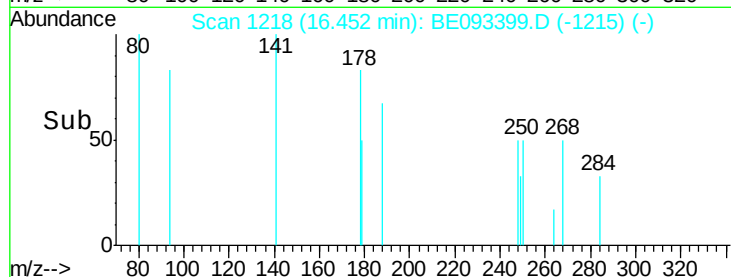
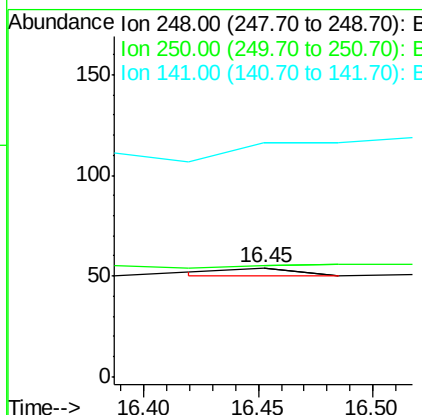
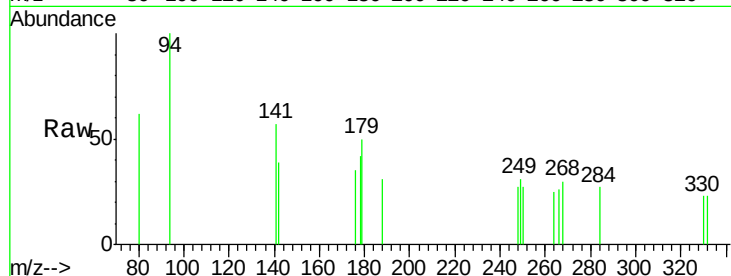




#20
4-Bromophenyl-phenylether
Concen: 0.11 ng
RT: 16.45 min Scan# 1218
Delta R.T. -0.00 min
Lab File: BE093399.D
Acq: 1 Jul 2017 19:11

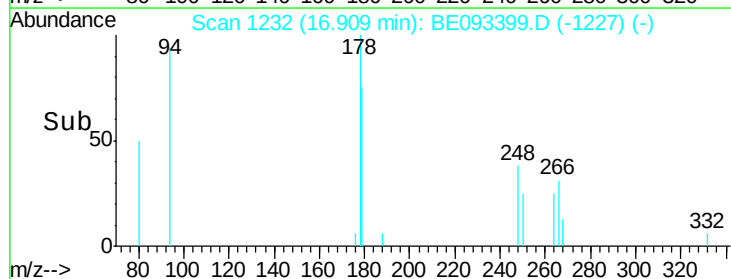
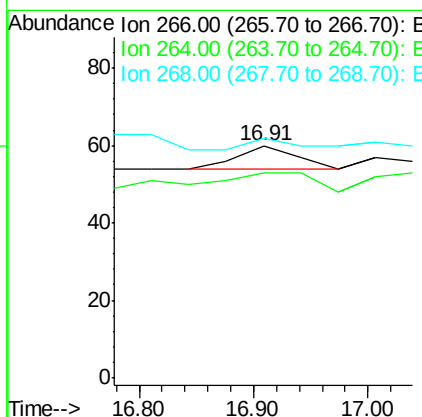
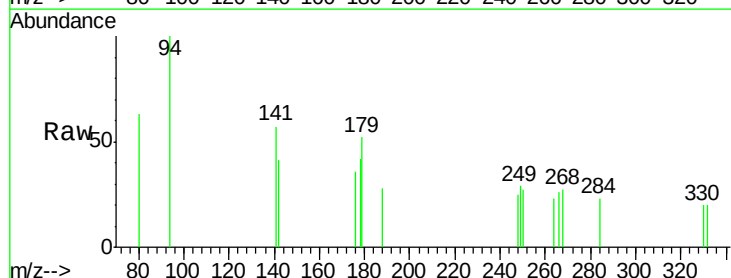
Instrument :
BNA_E
ClientSampleId :
MH-121.5N-20170627

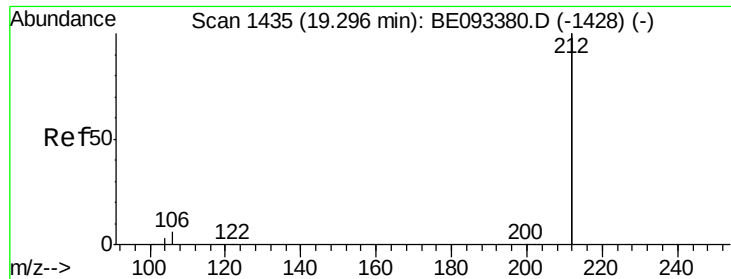
Tgt Ion:248 Resp: 8
Ion Ratio Lower Upper
248 100
250 101.9 40.8 61.2#
141 214.8 161.6 242.4



#22
Pentachlorophenol
Concen: 0.03 ng
RT: 16.91 min Scan# 1232
Delta R.T. -0.03 min
Lab File: BE093399.D
Acq: 1 Jul 2017 19:11

Tgt Ion:266 Resp: 22
Ion Ratio Lower Upper
266 100
264 88.3 58.2 87.2#
268 103.3 71.9 107.9

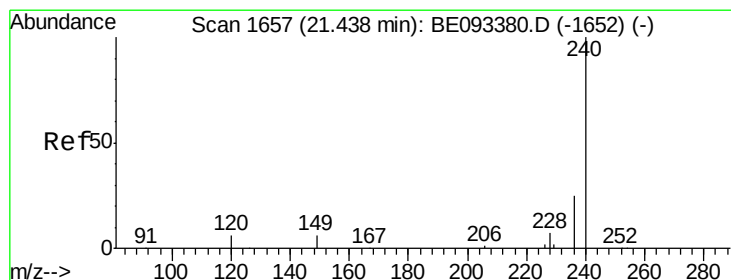
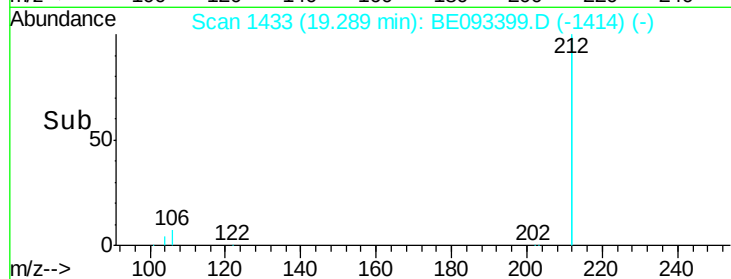
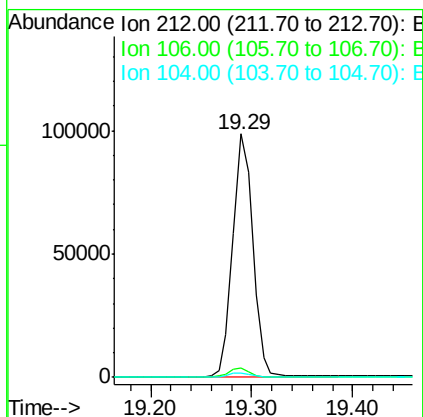
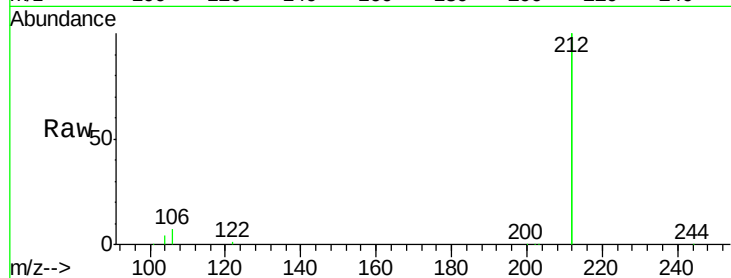




#25
 Fluoranthene-d10
 Concen: 0.45 ng
 RT: 19.29 min Scan# 1433
 Delta R.T. -0.01 min
 Lab File: BE093399.D
 Acq: 1 Jul 2017 19:11

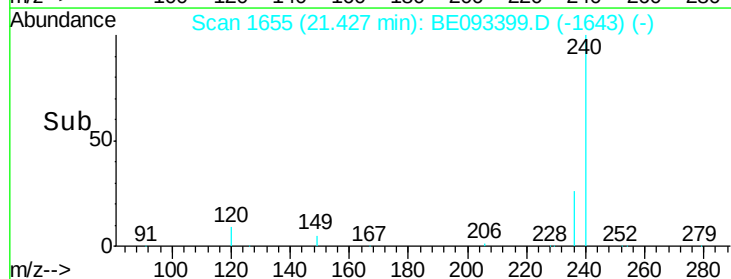
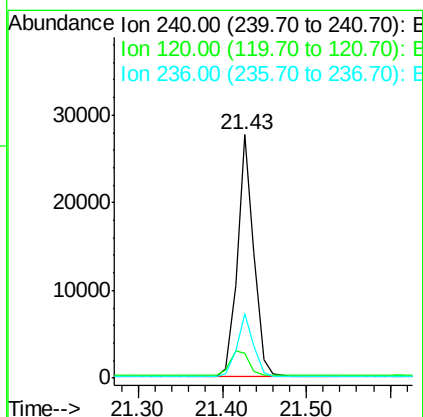
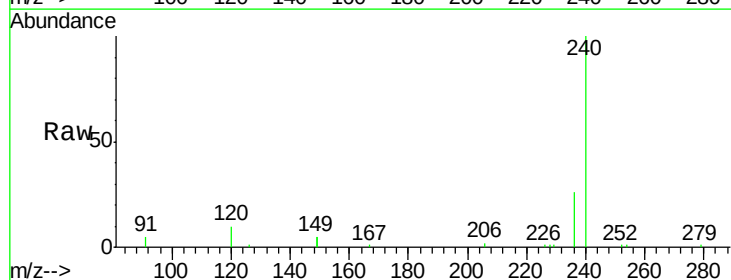
Instrument :
 BNA_E
 ClientSampleId :
 MH-121.5N-20170627

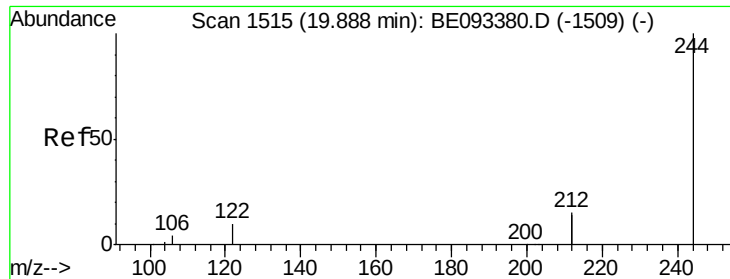
Tgt Ion: 212 Resp: 134368
 Ion Ratio Lower Upper
 212 100
 106 3.6 2.4 3.6
 104 2.0 1.6 2.4



#27
 Chrysene-d12
 Concen: 0.40 ng
 RT: 21.43 min Scan# 1655
 Delta R.T. -0.01 min
 Lab File: BE093399.D
 Acq: 1 Jul 2017 19:11

Tgt Ion: 240 Resp: 37453
 Ion Ratio Lower Upper
 240 100
 120 10.2 4.6 7.0#
 236 26.3 20.8 31.2





#29

Terphenyl-d14

Concen: 0.41 ng

RT: 19.88 min Scan# 1513

Delta R.T. -0.01 min

Lab File: BE093399.D

Acq: 1 Jul 2017 19:11

Instrument :

BNA_E

ClientSampleId :

MH-121.5N-20170627

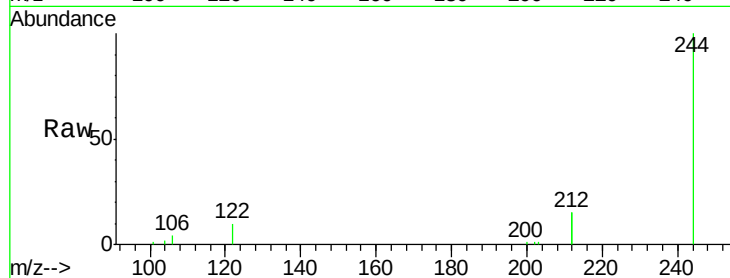
Tgt Ion:244 Resp: 28616

Ion Ratio Lower Upper

244 100

212 30.5 10.6 16.0#

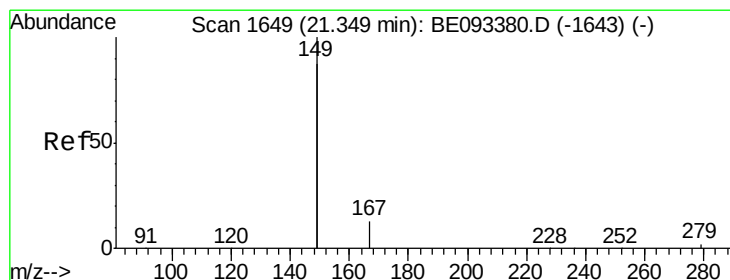
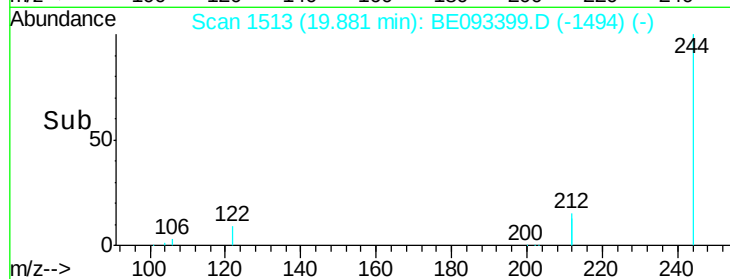
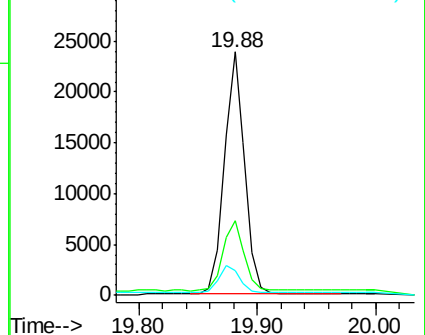
122 10.4 15.4 23.0#



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: 0.24 ng

RT: 21.34 min Scan# 1647

Delta R.T. -0.01 min

Lab File: BE093399.D

Acq: 1 Jul 2017 19:11

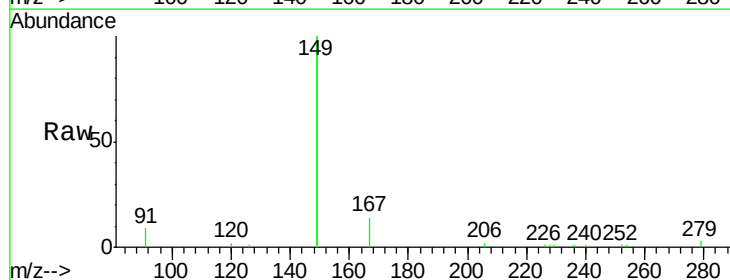
Tgt Ion:149 Resp: 35508

Ion Ratio Lower Upper

149 100

167 6.6 20.1 30.1#

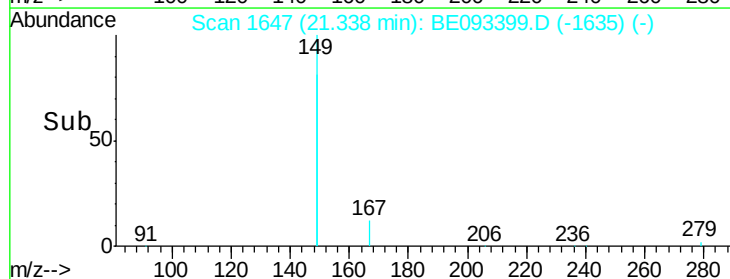
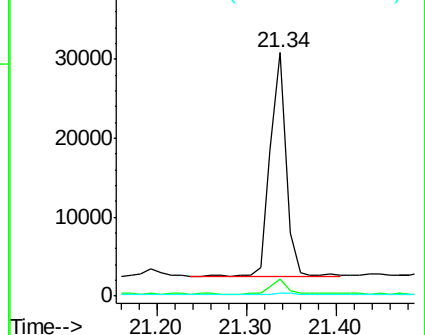
279 1.2 2.2 3.4#

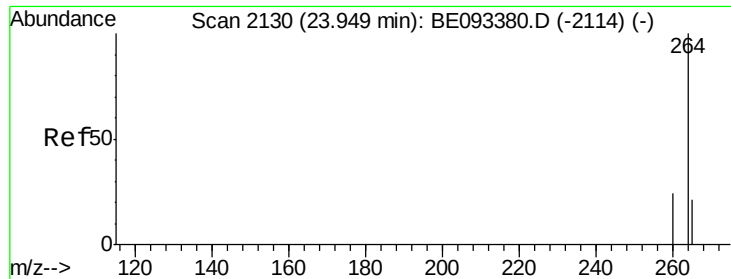


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34

Perylene-d12

Concen: 0.40 ng

RT: 23.94 min Scan# 2127

Delta R.T. -0.01 min

Lab File: BE093399.D

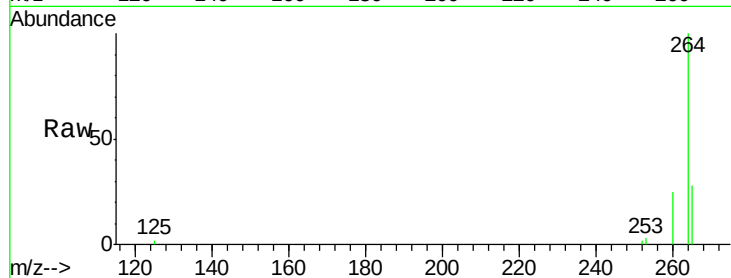
Acq: 1 Jul 2017 19:11

Instrument :

BNA_E

ClientSampleId :

MH-121.5N-20170627



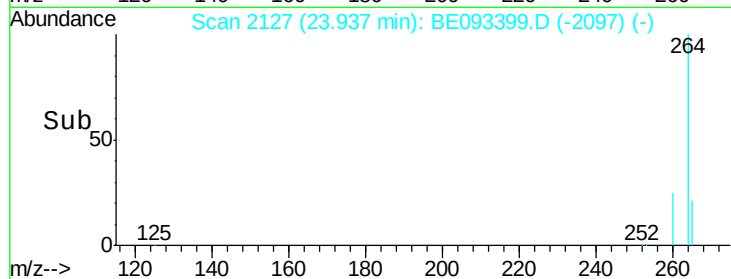
Tgt Ion: 264 Resp: 33427

Ion Ratio Lower Upper

264 100

260 25.0 21.0 31.4

265 28.1 24.6 36.8



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

