

Data File : BE093401.D
Acq On : 1 Jul 2017 20:26
Operator : SJ/JU
Sample : I3984-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
DUP01-20170627

Quant Time: Jul 03 05:12:41 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	2803	0.40	ng	-0.01
7) Naphthalene-d8	10.74	136	13130	0.40	ng	0.00
13) Acenaphthene-d10	14.54	164	8273	0.40	ng	-0.02
19) Phenanthrene-d10	17.27	188	27912	0.40	ng	0.00
27) Chrysene-d12	21.43	240	35086	0.40	ng	-0.01
34) Perylene-d12	23.94	264	29182	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.53	112	1429	0.16	ng	0.00
5) Phenol-d6	7.10	99	1243	0.10	ng	0.00
8) Nitrobenzene-d5	9.08	82	3470	0.44	ng	-0.02
11) 2-Methylnaphthalene-d10	12.31	152	7533	0.36	ng	0.00
14) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
15) 2-Fluorobiphenyl	13.18	172	13627	0.42	ng	0.00
25) Fluoranthene-d10	19.29	212	127743	0.50	ng	0.00
29) Terphenyl-d14	19.88	244	30729	0.47	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	3.45	88	415	0.07	ng	# 50
3) n-Nitrosodimethylamine	3.75	42	39	0.14	ng	# 1
9) Naphthalene	10.77	128	4025	0.03	ng	# 79
22) Pentachlorophenol	16.91	266	27	0.04	ng	90
23) Phenanthrene	17.30	178	1913	0.03	ng	# 93
24) Anthracene	17.30	178	1864	0.03	ng	97
32) Bis(2-ethylhexyl)phthalate	21.34	149	48848	0.35	ng	# 67

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

Data File : BE093401.D

Acq On : 1 Jul 2017 20:26

Operator : SJ/JU

Sample : I3984-07

Misc :

ALS Vial : 17 Sample Multiplier: 1

Instrument :

BNA_E

ClientSampleId :

DUP01-20170627

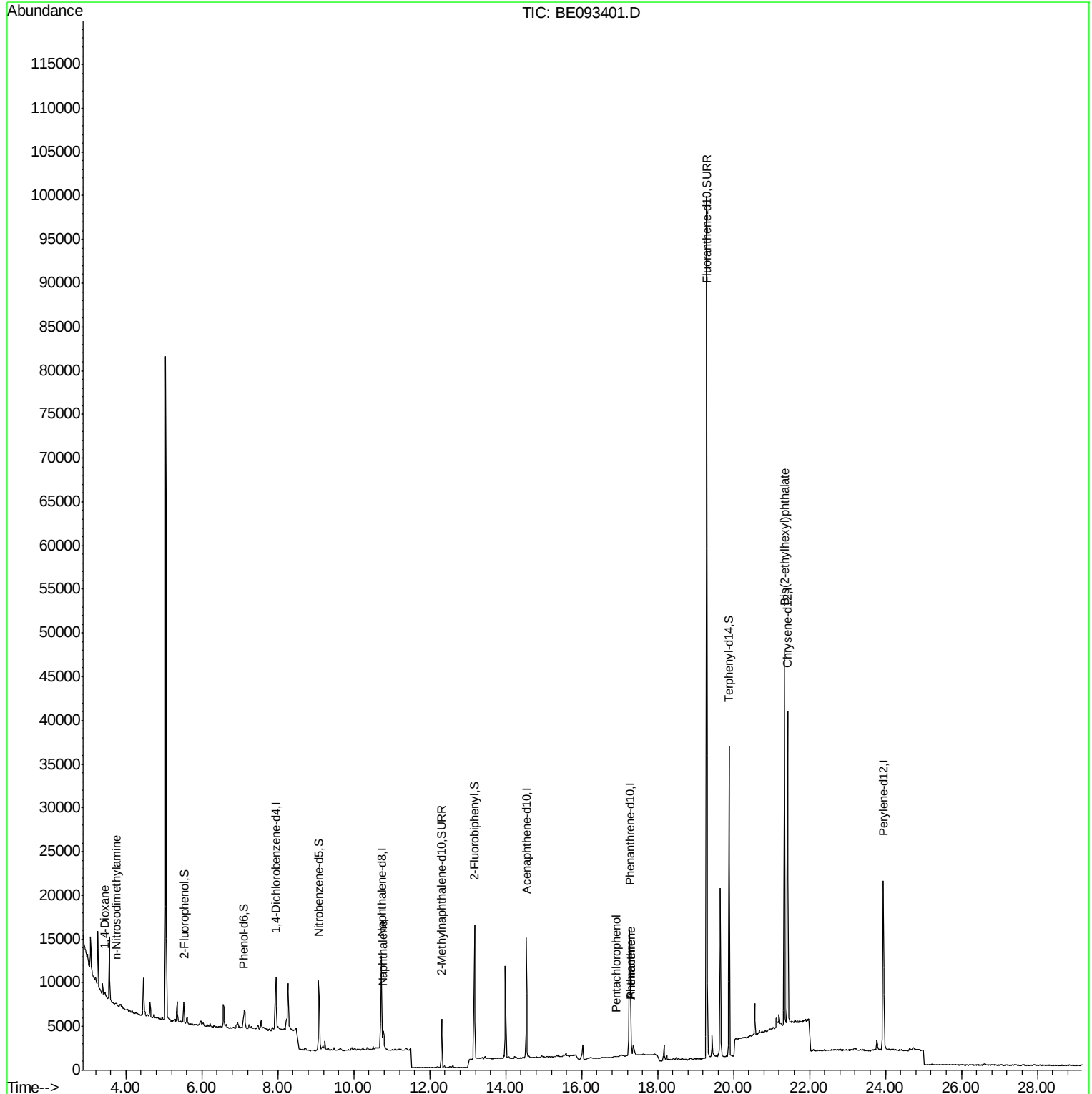
Quant Time: Jul 03 05:12:41 2017

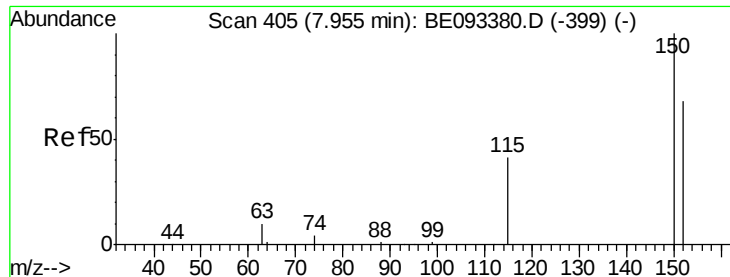
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE070117.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Sat Jul 01 15:43:24 2017

Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.40 ng

RT: 7.95 min Scan# 404

Delta R.T. -0.01 min

Lab File: BE093401.D

Acq: 1 Jul 2017 20:26

Instrument :

BNA_E

ClientSampleId :

DUP01-20170627

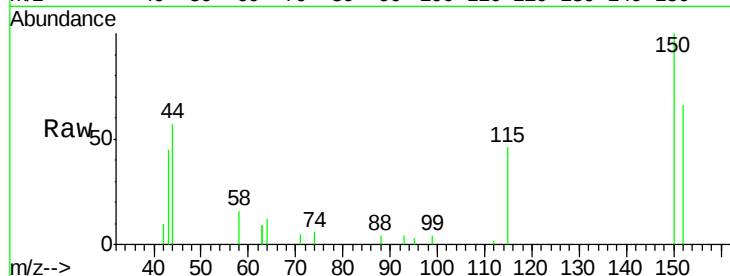
Tgt Ion:152 Resp: 2803

Ion Ratio Lower Upper

152 100

150 151.2 125.1 187.7

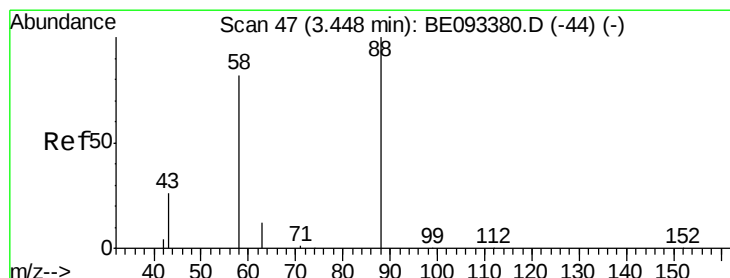
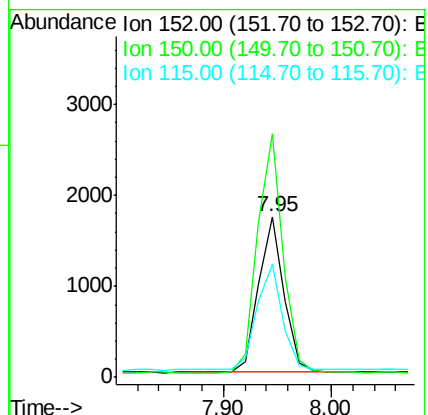
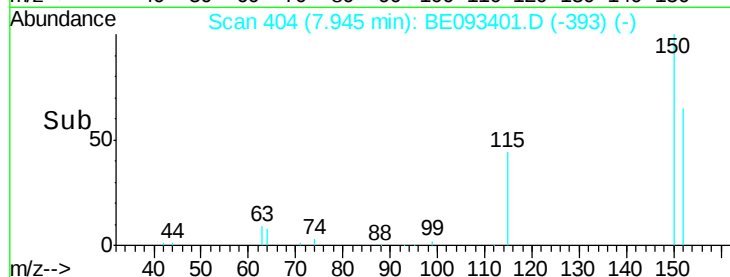
115 70.2 55.7 83.5



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



#2

1,4-Dioxane

Concen: 0.07 ng

RT: 3.45 min Scan# 47

Delta R.T. 0.00 min

Lab File: BE093401.D

Acq: 1 Jul 2017 20:26

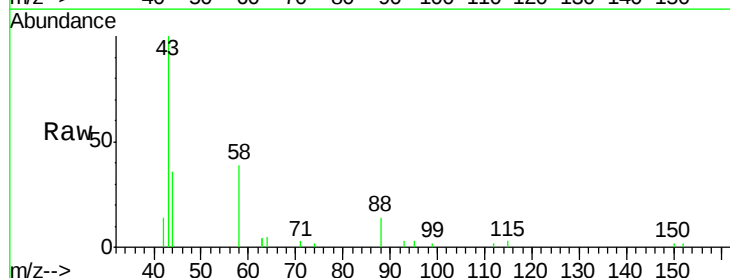
Tgt Ion: 88 Resp: 415

Ion Ratio Lower Upper

88 100

58 119.3 62.2 93.4#

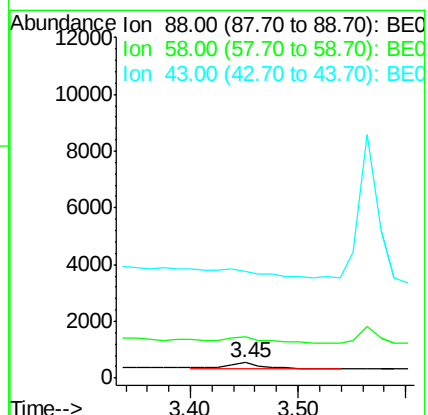
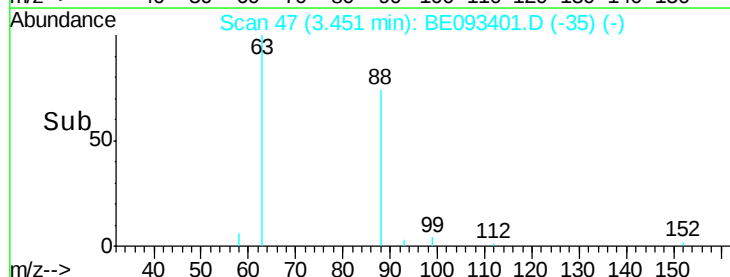
43 0.0 23.2 34.8#

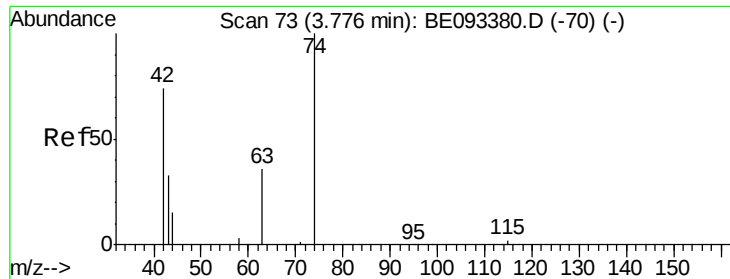


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.14 ng

RT: 3.75 min Scan# 71

Delta R.T. -0.02 min

Lab File: BE093401.D

Acq: 1 Jul 2017 20:26

Instrument :

BNA_E

ClientSampleId :

DUP01-20170627

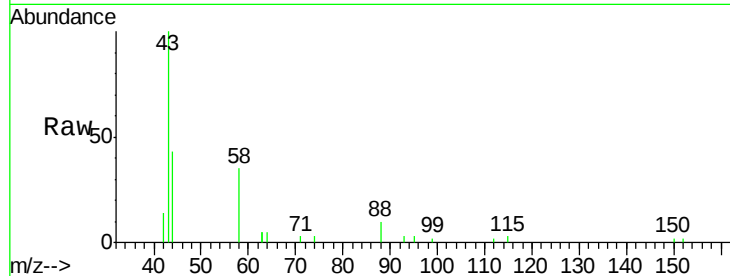
Tgt Ion: 42 Resp: 39

Ion Ratio Lower Upper

42 100

74 0.0 99.1 148.7#

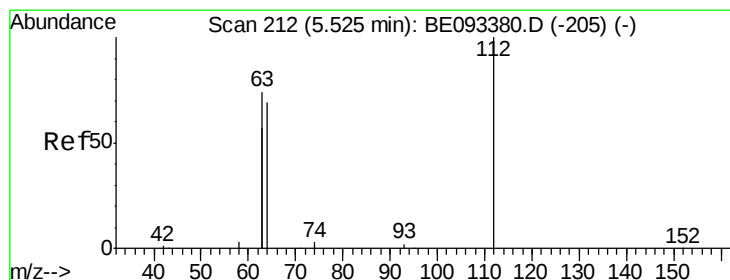
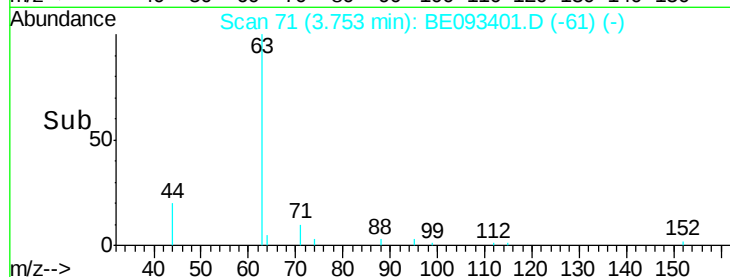
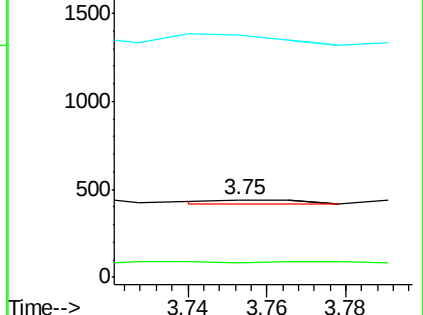
44 0.0 7.4 11.2#



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: 0.16 ng

RT: 5.53 min Scan# 212

Delta R.T. 0.00 min

Lab File: BE093401.D

Acq: 1 Jul 2017 20:26

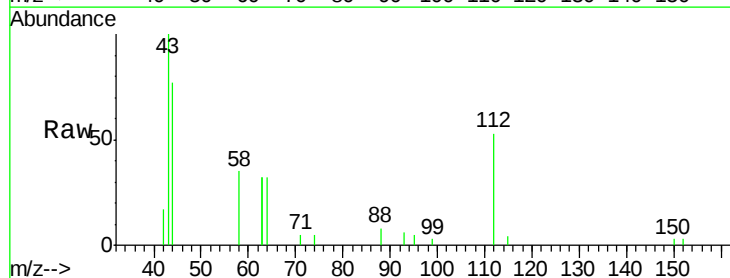
Tgt Ion: 112 Resp: 1429

Ion Ratio Lower Upper

112 100

64 68.5 56.4 84.6

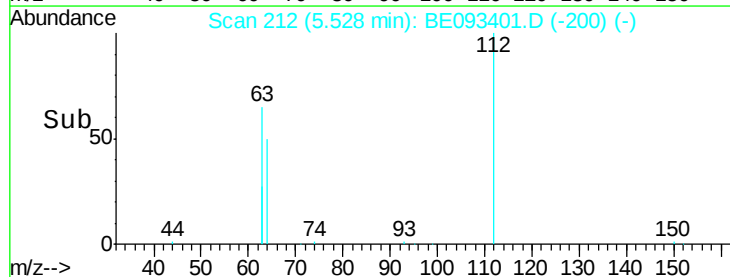
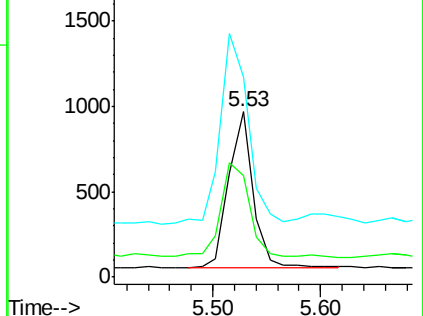
63 138.1 29.3 43.9#

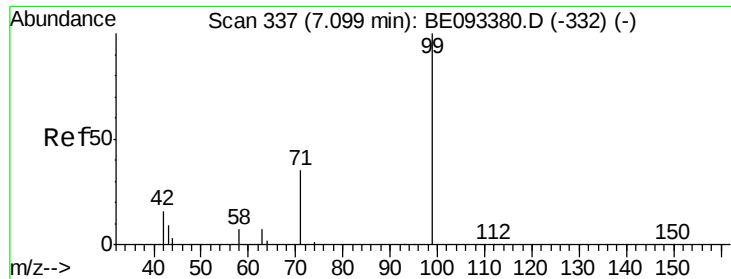


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.10 ng

RT: 7.10 min Scan# 337

Delta R.T. 0.00 min

Lab File: BE093401.D

Acq: 1 Jul 2017 20:26

Instrument :

BNA_E

ClientSampleId :

DUP01-20170627

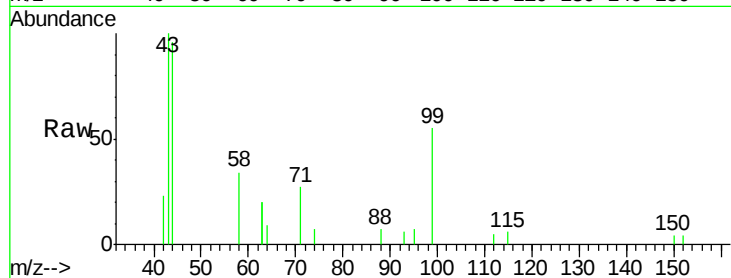
Tgt Ion: 99 Resp: 1243

Ion Ratio Lower Upper

99 100

42 33.5 0.0 0.0#

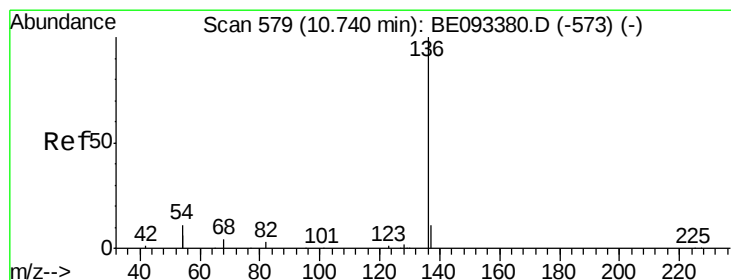
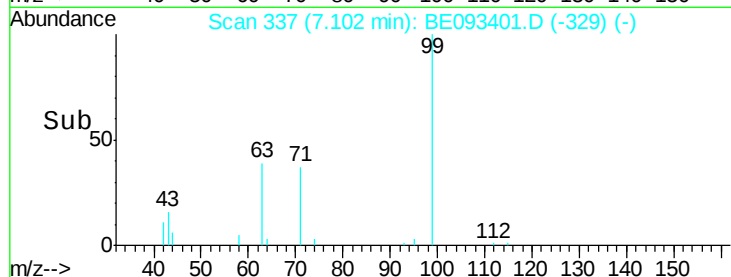
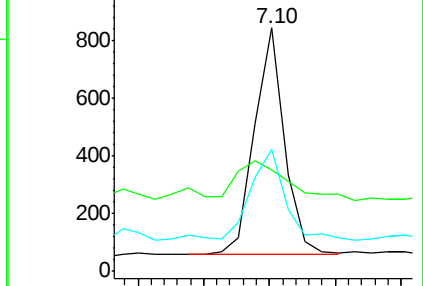
71 47.5 0.0 0.0#



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: 0.40 ng

RT: 10.74 min Scan# 579

Delta R.T. -0.00 min

Lab File: BE093401.D

Acq: 1 Jul 2017 20:26

Tgt Ion: 136 Resp: 13130

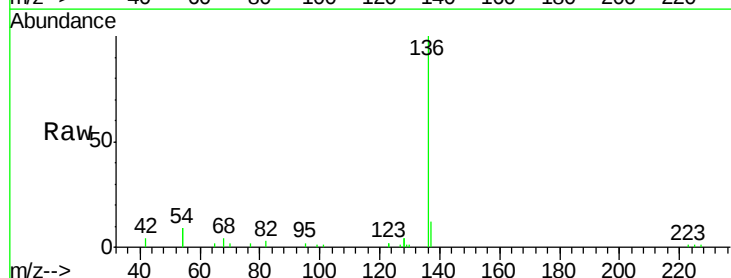
Ion Ratio Lower Upper

136 100

137 12.0 9.8 14.8

54 18.0 10.3 15.5#

68 4.1 9.0 13.4#

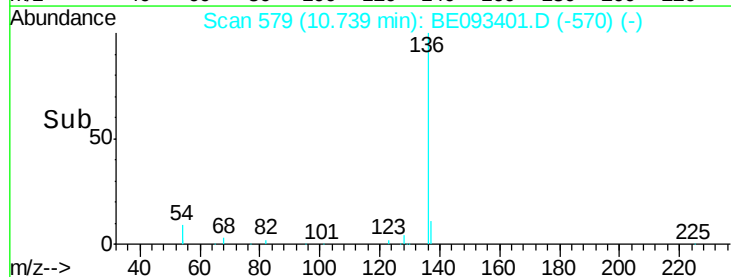
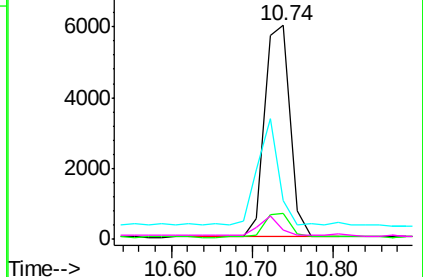


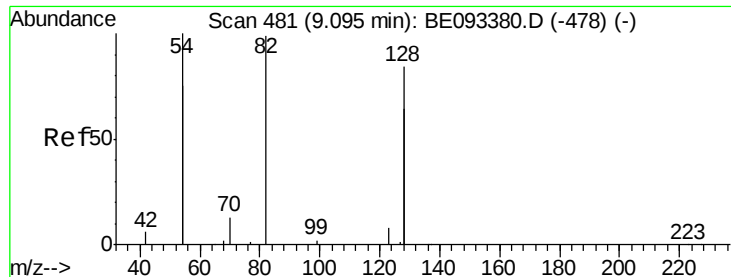
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.44 ng

RT: 9.08 min Scan# 480

Delta R.T. -0.02 min

Lab File: BE093401.D

Acq: 1 Jul 2017 20:26

Instrument :

BNA_E

ClientSampleId :

DUP01-20170627

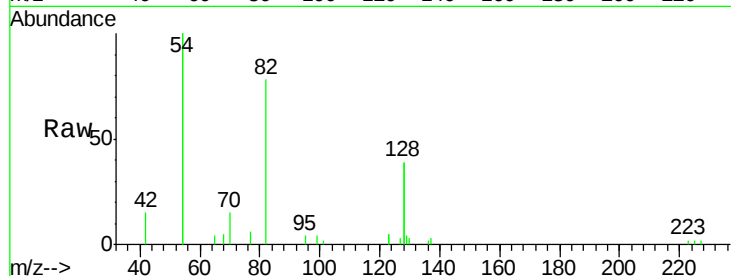
Tgt Ion: 82 Resp: 3470

Ion Ratio Lower Upper

82 100

128 99.8 17.0 25.4#

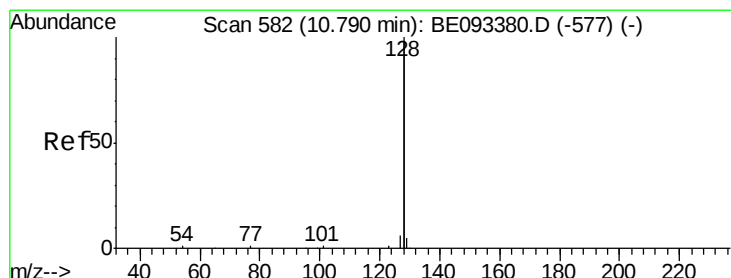
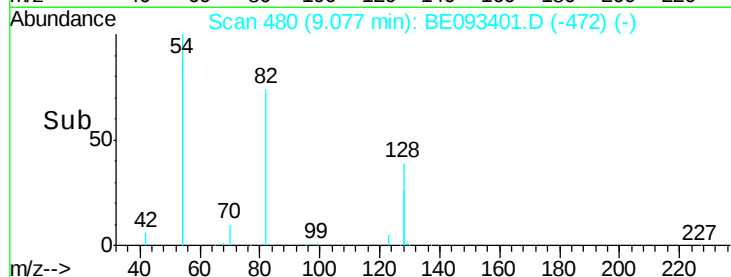
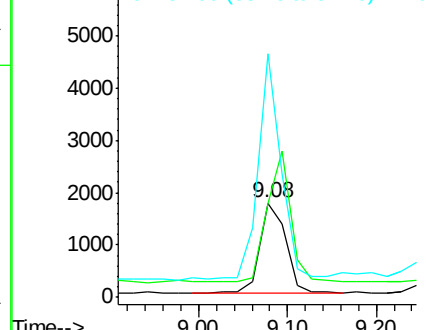
54 257.8 53.8 80.6#



Abundance Ion 82.00 (81.70 to 82.70): BE093380.D (-478) (-)

Ion 128.00 (127.70 to 128.70): BE093380.D (-478) (-)

Ion 54.00 (53.70 to 54.70): BE093380.D (-478) (-)



#9

Naphthalene

Concen: 0.03 ng

RT: 10.77 min Scan# 581

Delta R.T. -0.02 min

Lab File: BE093401.D

Acq: 1 Jul 2017 20:26

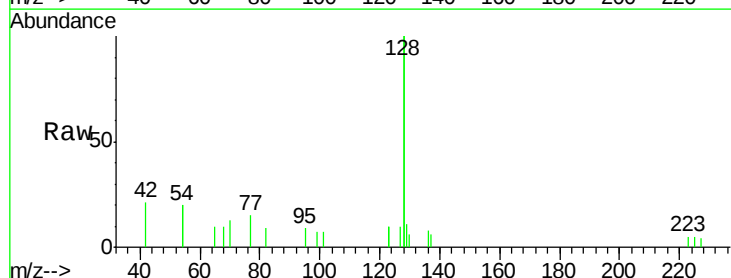
Tgt Ion: 128 Resp: 4025

Ion Ratio Lower Upper

128 100

129 5.6 11.4 17.0#

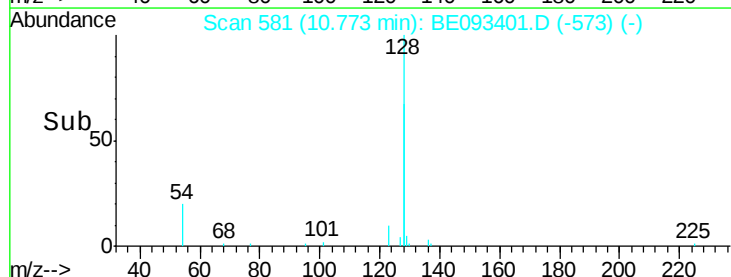
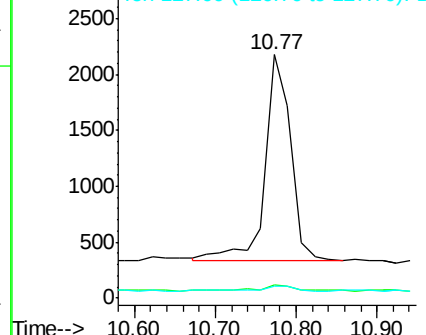
127 5.1 11.2 16.8#

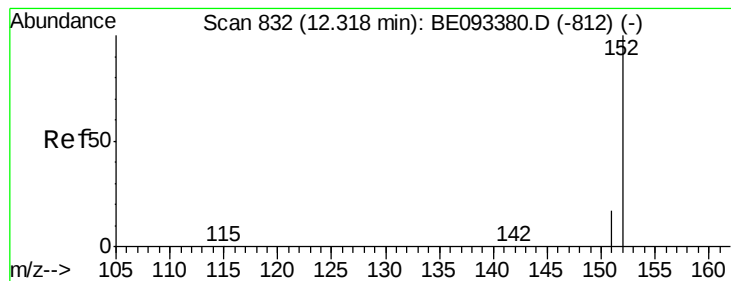


Abundance Ion 128.00 (127.70 to 128.70): BE093380.D (-577) (-)

Ion 129.00 (128.70 to 129.70): BE093380.D (-577) (-)

Ion 127.00 (126.70 to 127.70): BE093380.D (-577) (-)





#11

2-Methylnaphthalene-d10

Concen: 0.36 ng

RT: 12.31 min Scan# 831

Delta R.T. -0.00 min

Lab File: BE093401.D

Acq: 1 Jul 2017 20:26

Instrument :

BNA_E

ClientSampleId :

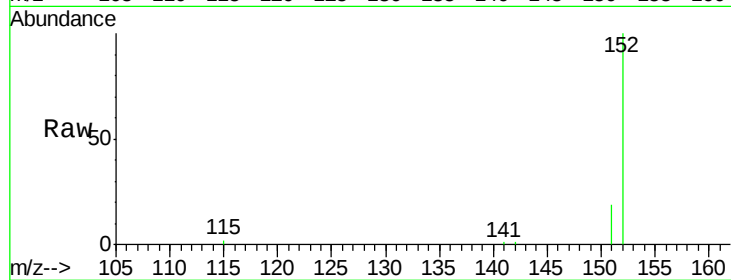
DUP01-20170627

Tgt Ion:152 Resp: 7533

Ion Ratio Lower Upper

152 100

151 19.9 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.31

5000

4000

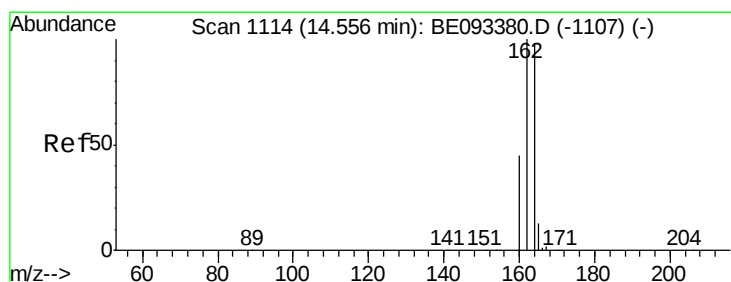
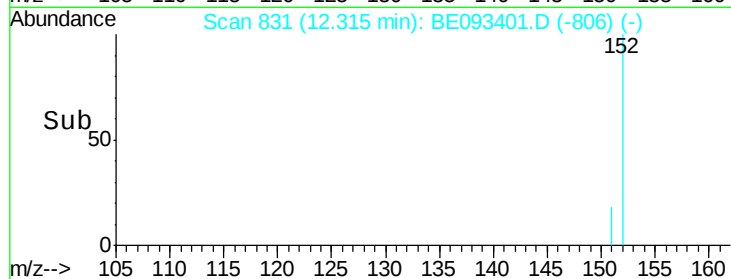
3000

2000

1000

0

Time--> 12.20 12.30 12.40



#13

Acenaphthene-d10

Concen: 0.40 ng

RT: 14.54 min Scan# 1113

Delta R.T. -0.02 min

Lab File: BE093401.D

Acq: 1 Jul 2017 20:26

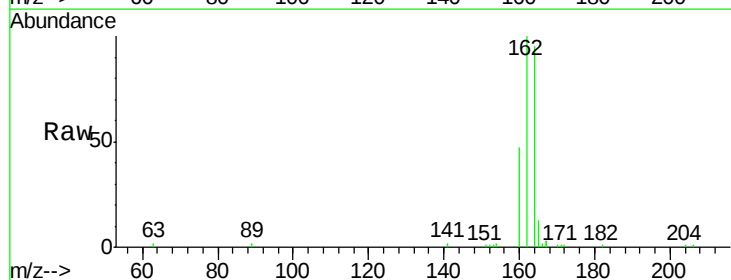
Tgt Ion:164 Resp: 8273

Ion Ratio Lower Upper

164 100

162 105.5 84.6 127.0

160 49.2 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

14.54

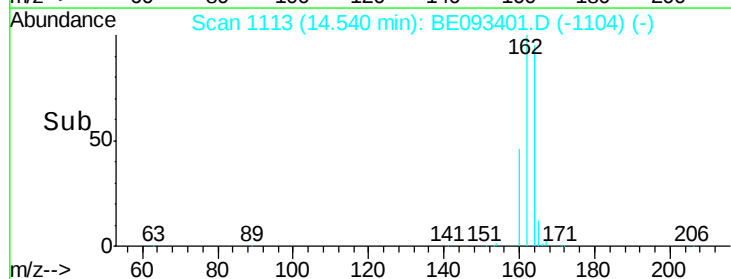
6000

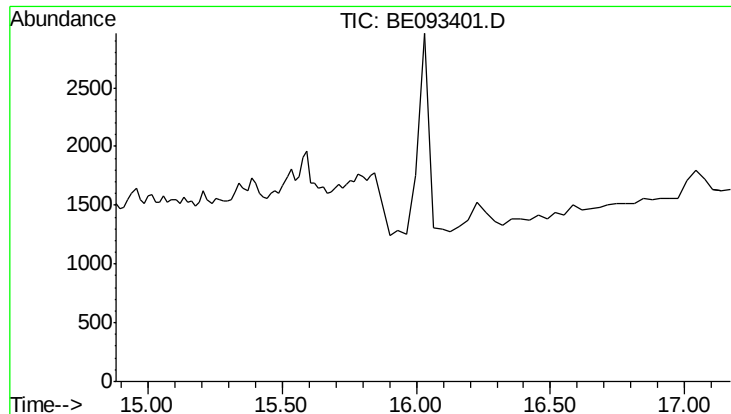
4000

2000

0

Time--> 14.40 14.50 14.60

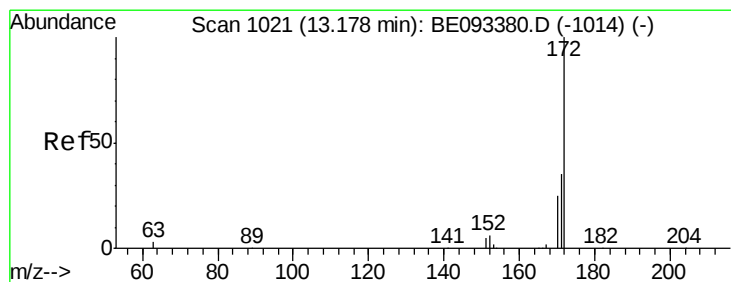
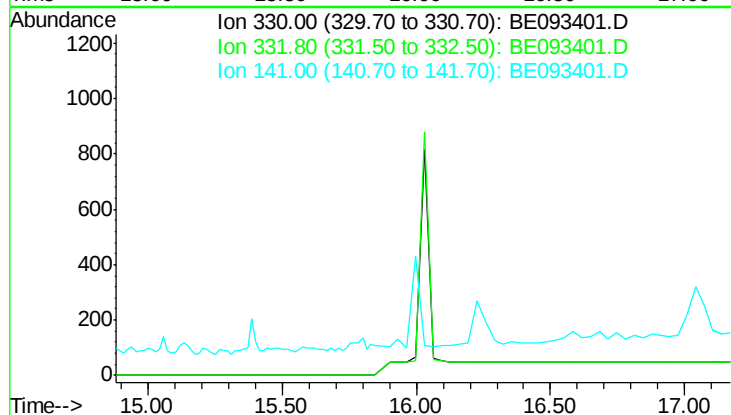




#14
 2,4,6-Tribromophenol
 Concen: 0.00 ng
 Expected RT: 16.03 min
 Lab File: BE093401.D
 Acq: 1 Jul 2017 20:26

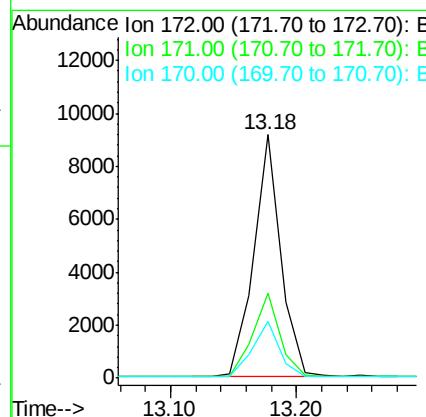
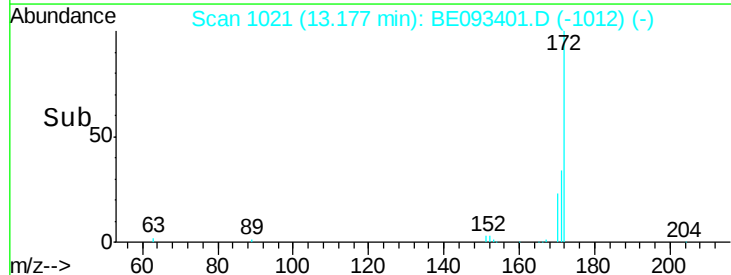
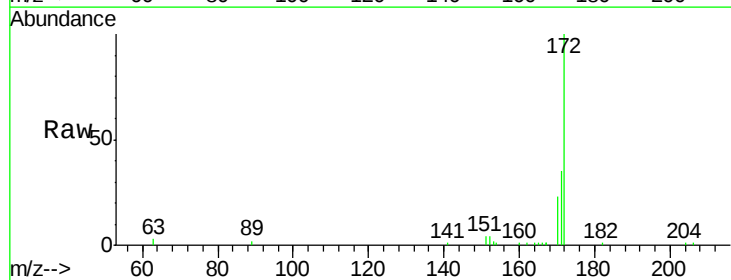
Instrument :
 BNA_E
 ClientSampleId :
 DUP01-20170627

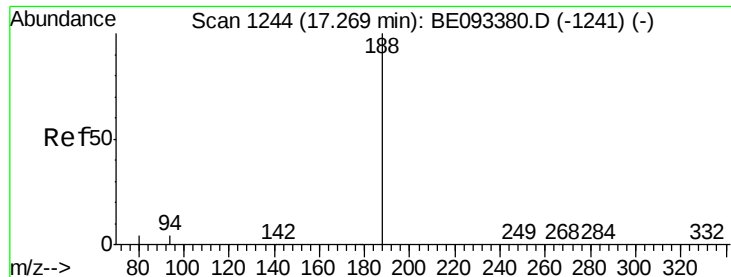
Tgt Ion: 330
 Sig Exp Ratio
 330 100
 332 97.1
 141 70.3



#15
 2-Fluorobiphenyl
 Concen: 0.42 ng
 RT: 13.18 min Scan# 1021
 Delta R.T. -0.00 min
 Lab File: BE093401.D
 Acq: 1 Jul 2017 20:26

Tgt Ion: 172 Resp: 13627
 Ion Ratio Lower Upper
 172 100
 171 34.7 29.8 44.6
 170 23.2 20.7 31.1





#19

Phenanthrene-d10

Concen: 0.40 ng

RT: 17.27 min Scan# 1244

Delta R.T. -0.00 min

Lab File: BE093401.D

Acq: 1 Jul 2017 20:26

Instrument :

BNA_E

ClientSampleId :

DUP01-20170627

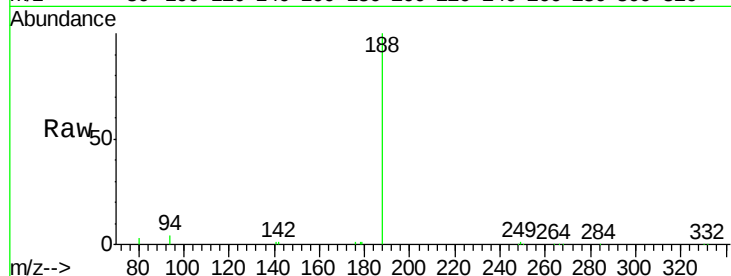
Tgt Ion:188 Resp: 27912

Ion Ratio Lower Upper

188 100

94 4.1 11.3 16.9#

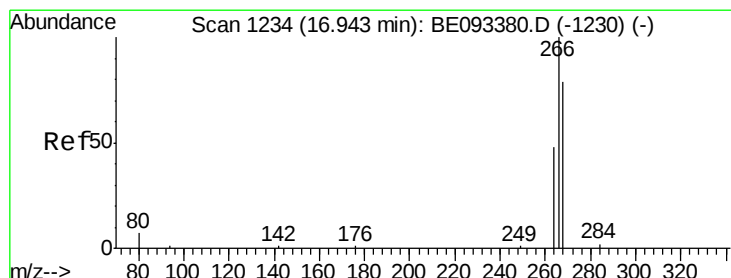
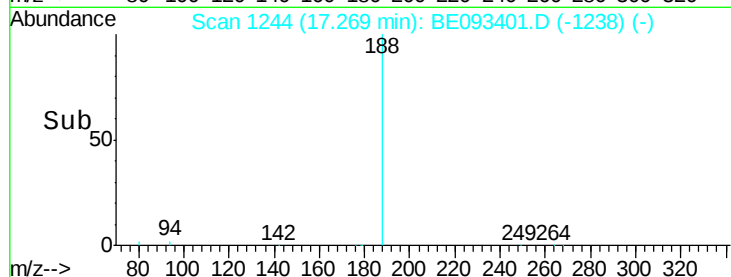
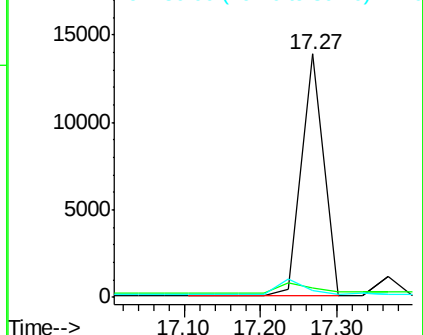
80 3.0 11.7 17.5#



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: 0.04 ng

RT: 16.91 min Scan# 1233

Delta R.T. -0.03 min

Lab File: BE093401.D

Acq: 1 Jul 2017 20:26

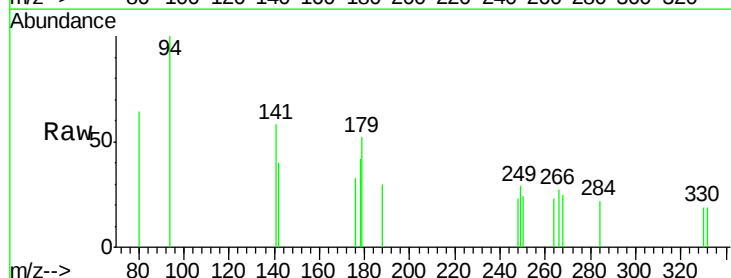
Tgt Ion:266 Resp: 27

Ion Ratio Lower Upper

266 100

264 86.4 58.2 87.2

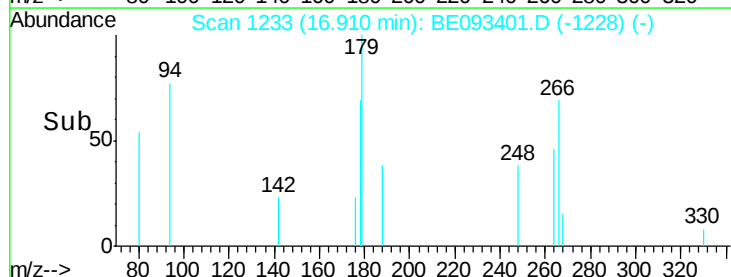
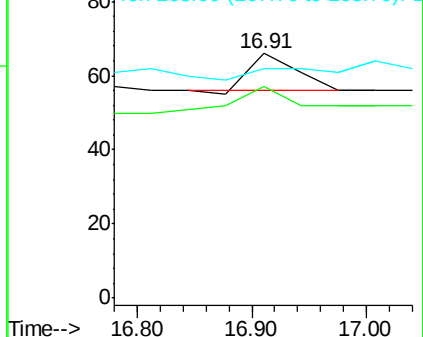
268 93.9 71.9 107.9

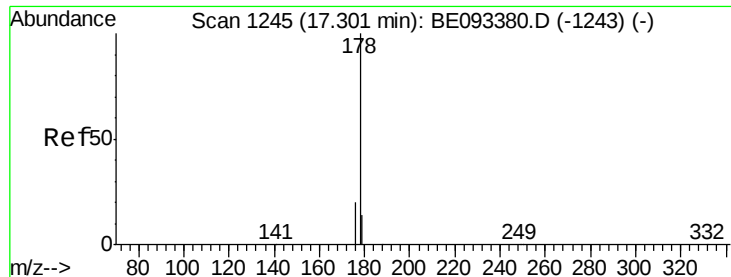


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.03 ng

RT: 17.30 min Scan# 1245

Delta R.T. -0.00 min

Lab File: BE093401.D

Acq: 1 Jul 2017 20:26

Instrument :

BNA_E

ClientSampleId :

DUP01-20170627

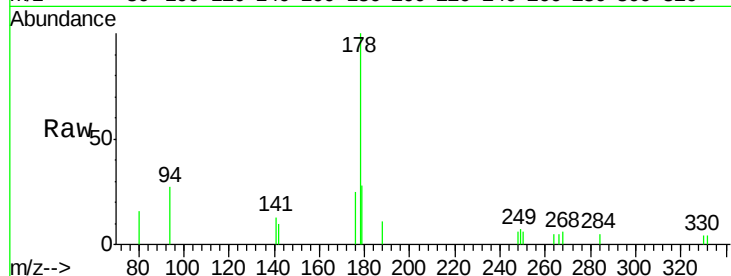
Tgt Ion:178 Resp: 1913

Ion Ratio Lower Upper

178 100

176 18.2 15.0 22.4

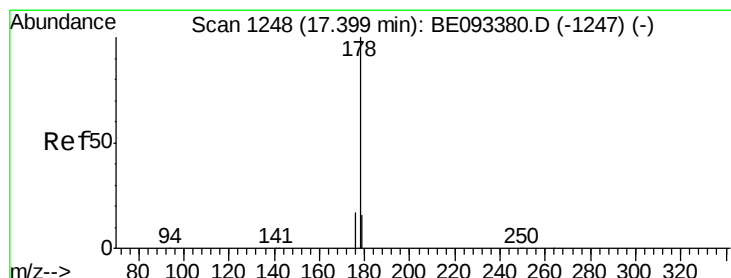
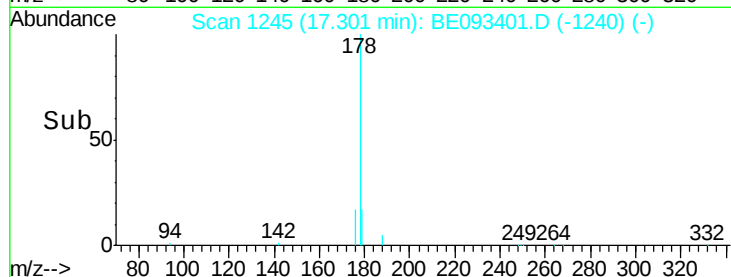
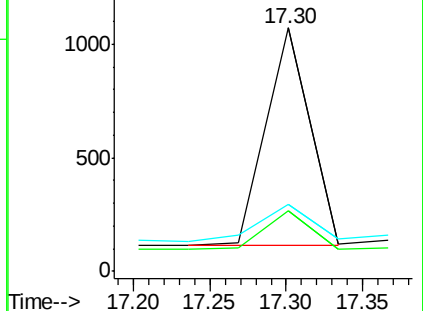
179 21.4 12.7 19.1#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.03 ng

RT: 17.30 min Scan# 1245

Delta R.T. -0.10 min

Lab File: BE093401.D

Acq: 1 Jul 2017 20:26

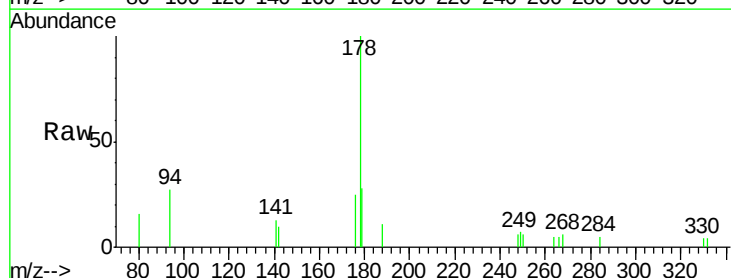
Tgt Ion:178 Resp: 1864

Ion Ratio Lower Upper

178 100

176 17.5 14.6 22.0

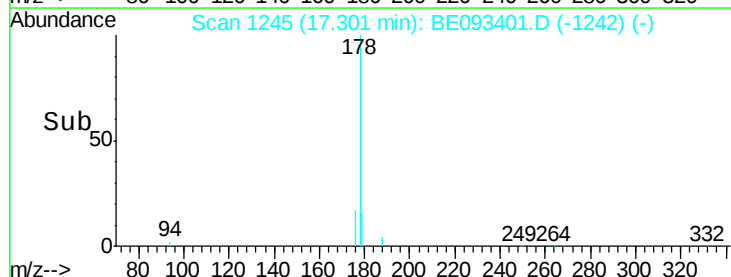
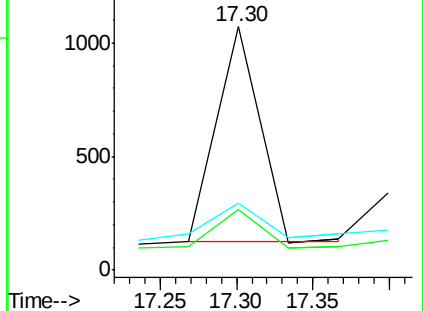
179 13.4 12.0 18.0

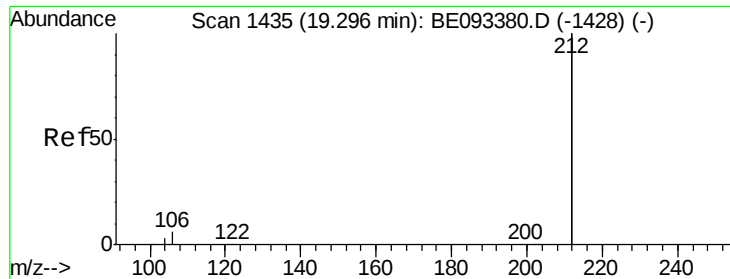


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.50 ng

RT: 19.29 min Scan# 1434

Delta R.T. -0.01 min

Lab File: BE093401.D

Acq: 1 Jul 2017 20:26

Instrument :

BNA_E

ClientSampleId :

DUP01-20170627

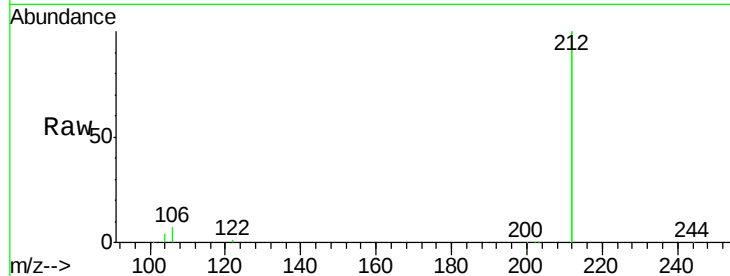
Tgt Ion:212 Resp: 127743

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

120000

100000

80000

60000

40000

20000

0

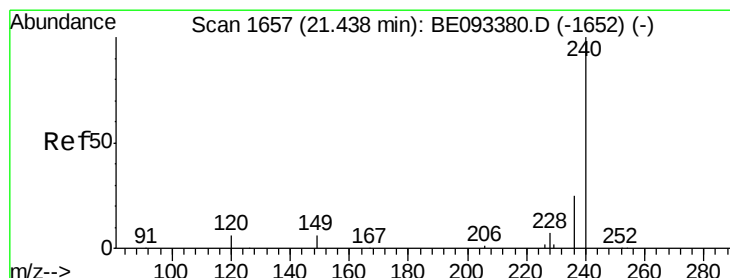
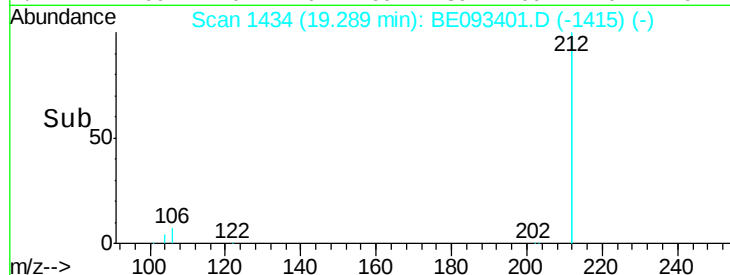
19.29

19.20

19.30

19.40

Time-->



#27

Chrysene-d12

Concen: 0.40 ng

RT: 21.43 min Scan# 1656

Delta R.T. -0.01 min

Lab File: BE093401.D

Acq: 1 Jul 2017 20:26

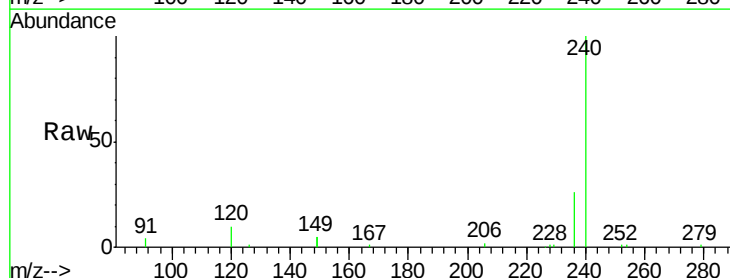
Tgt Ion:240 Resp: 35086

Ion Ratio Lower Upper

240 100

120 9.9 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

30000

20000

10000

0

21.43

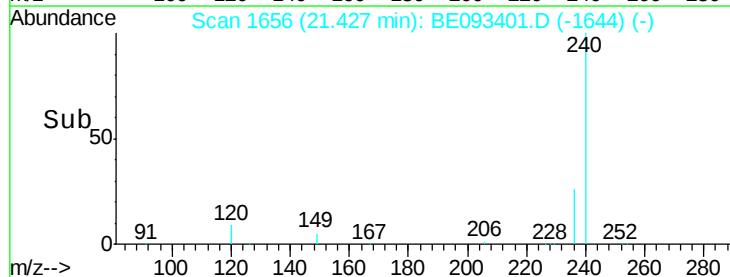
21.30

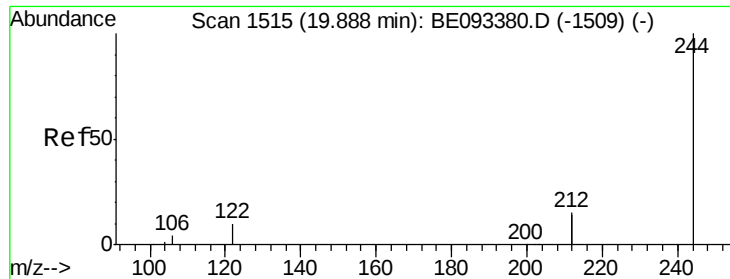
21.40

21.50

21.60

Time-->





#29

Terphenyl-d14

Concen: 0.47 ng

RT: 19.88 min Scan# 1514

Delta R.T. -0.01 min

Lab File: BE093401.D

Acq: 1 Jul 2017 20:26

Instrument :

BNA_E

ClientSampleId :

DUP01-20170627

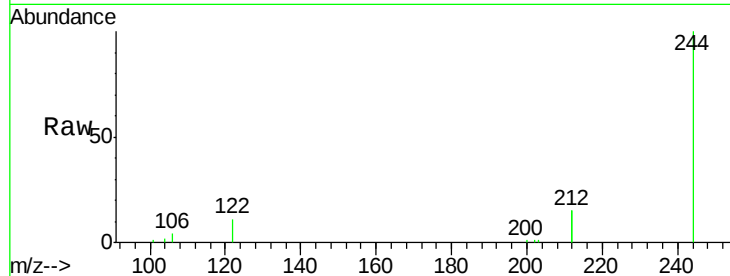
Tgt Ion:244 Resp: 30729

Ion Ratio Lower Upper

244 100

212 30.8 10.6 16.0#

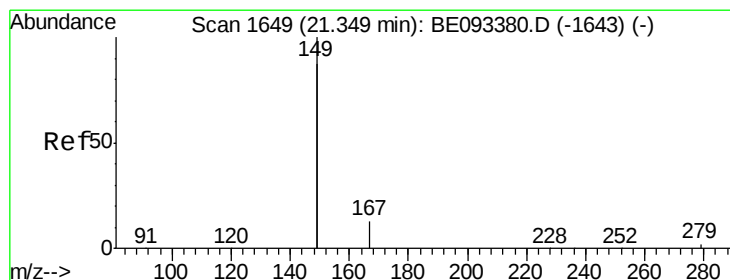
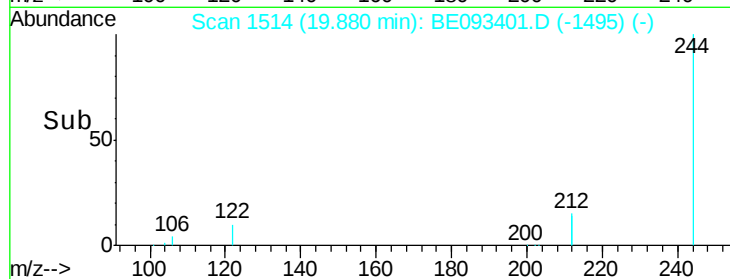
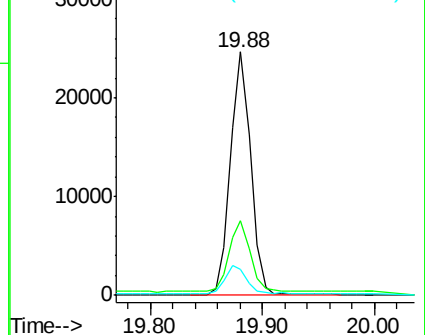
122 10.6 15.4 23.0#



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: 0.35 ng

RT: 21.34 min Scan# 1648

Delta R.T. -0.01 min

Lab File: BE093401.D

Acq: 1 Jul 2017 20:26

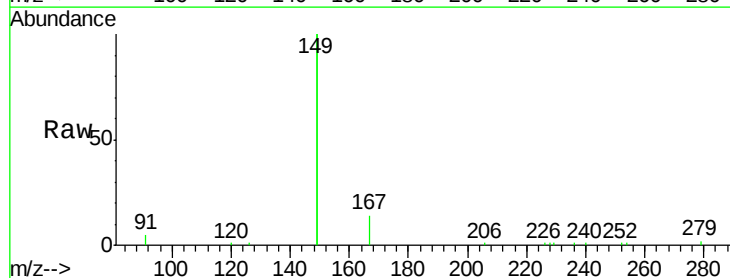
Tgt Ion:149 Resp: 48848

Ion Ratio Lower Upper

149 100

167 6.7 20.1 30.1#

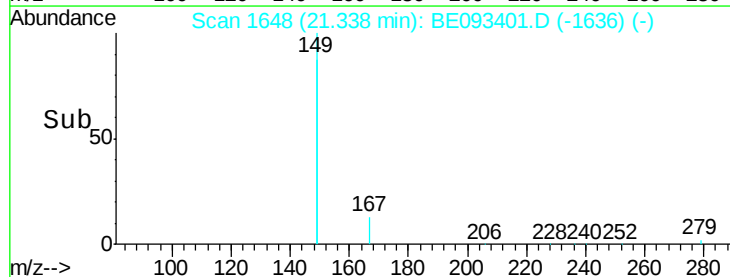
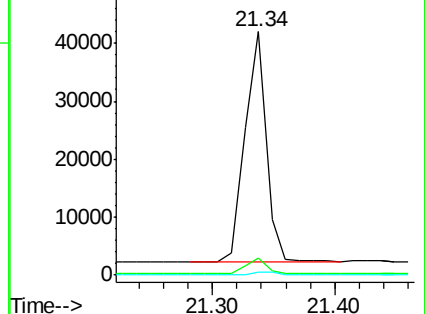
279 1.1 2.2 3.4#

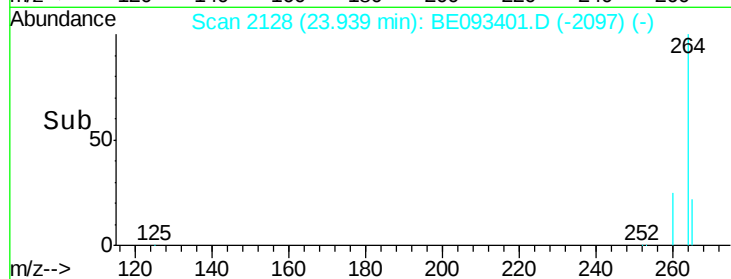
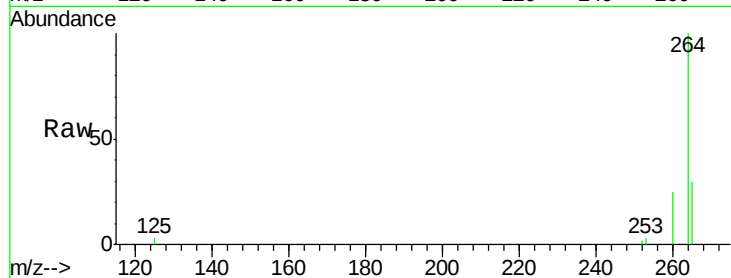
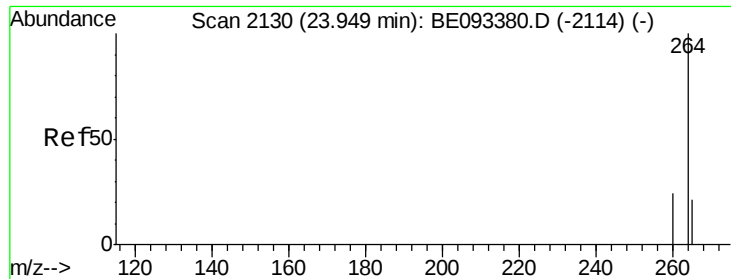


Abundance Ion 149.00 (148.70 to 149.70): E

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# 2128

Delta R.T. -0.01 min

Lab File: BE093401.D

Acq: 1 Jul 2017 20:26

Instrument :

BNA_E

ClientSampleId :

DUP01-20170627

Tgt Ion:264 Resp: 29182

Ion Ratio Lower Upper

264 100

260 25.4 21.0 31.4

265 30.2 24.6 36.8

