

Data Path : Z:\HPCHEM1\BNA E\DATA\BE072117\
 Data File : BE093521.D
 Acq On : 21 Jul 2017 23:01
 Operator : SJ/JU
 Sample : I4199-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 3568-SPP3

Quant Time: Jul 22 01:56:59 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

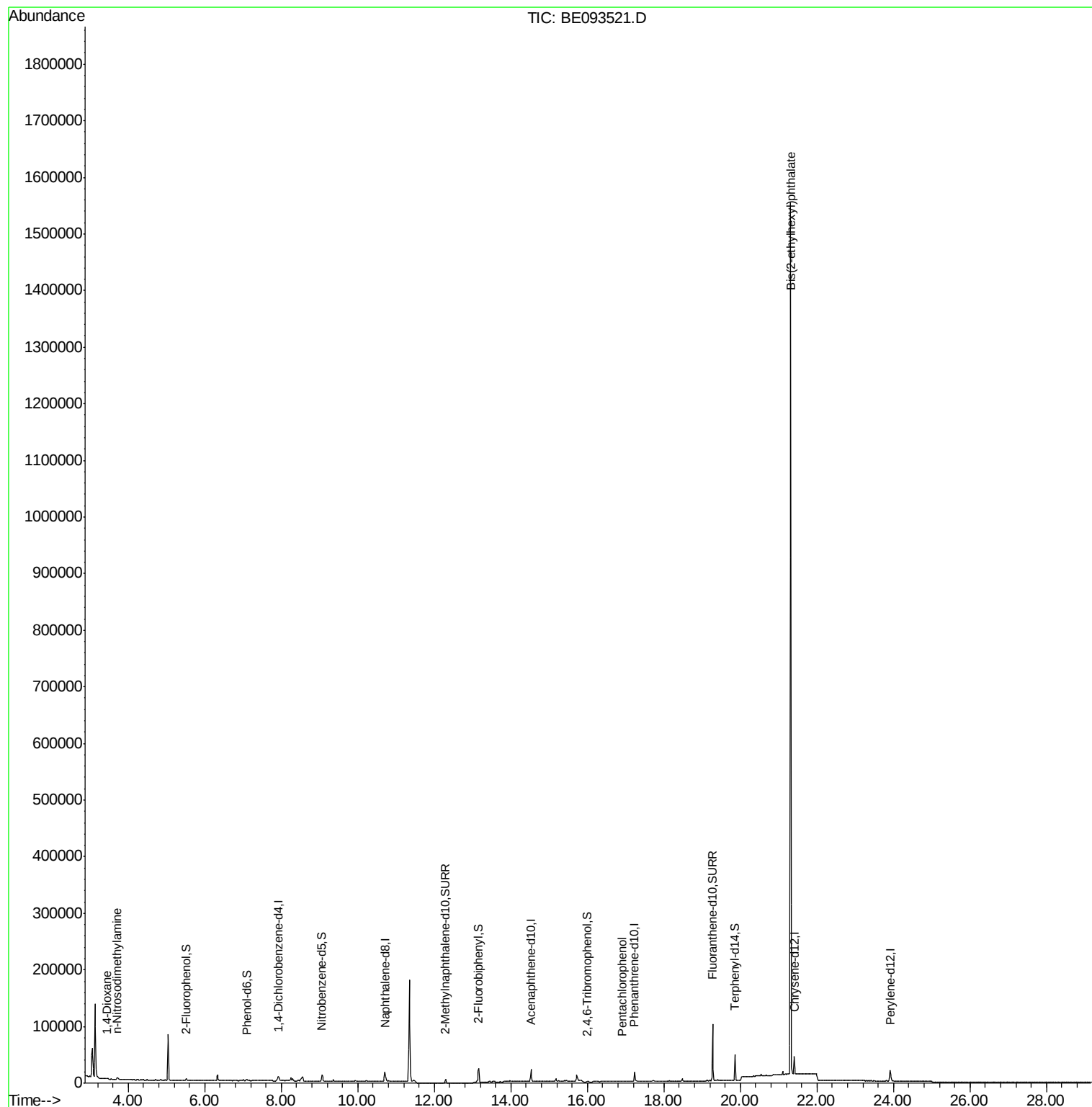
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	3457	0.40	ng	0.00
7) Naphthalene-d8	10.71	136	18492	0.40	ng	0.00
13) Acenaphthene-d10	14.52	164	12234	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	26401	0.40	ng	0.00
27) Chrysene-d12	21.41	240	34892	0.40	ng	0.00
34) Perylene-d12	23.92	264	29197	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.51	112	1956	0.16	ng	0.00
5) Phenol-d6	7.10	99	1970	0.12	ng	0.00
8) Nitrobenzene-d5	9.06	82	5338	0.36	ng	0.00
11) 2-Methylnaphthalene-d10	12.29	152	9502	0.32	ng	0.00
14) 2,4,6-Tribromophenol	16.00	330	1365	0.31	ng	0.00
15) 2-Fluorobiphenyl	13.16	172	25225	0.52	ng	0.00
25) Fluoranthene-d10	19.28	212	127737	0.30	ng	0.00
29) Terphenyl-d14	19.86	244	39129	0.62	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.44	88	572	0.100	ng	Qvalue # 66
3) n-Nitrosodimethylamine	3.71	42	556	0.098	ng	# 1
22) Pentachlorophenol	16.91	266	763	0.286	ng	93
32) Bis(2-ethylhexyl)phthalate	21.31	149	1745962	7.796	ng	98

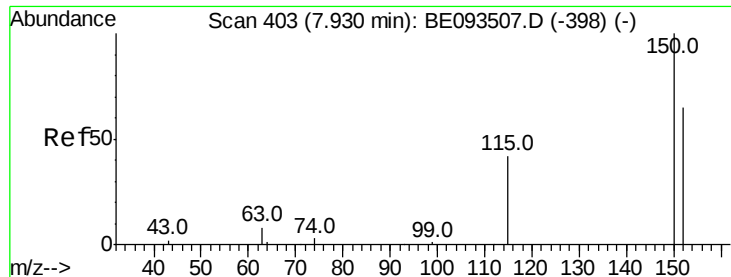
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE093521.D

Acq: 21 Jul 2017 23:01

Instrument :

BNA_E

ClientSampleId :

3568-SPP3

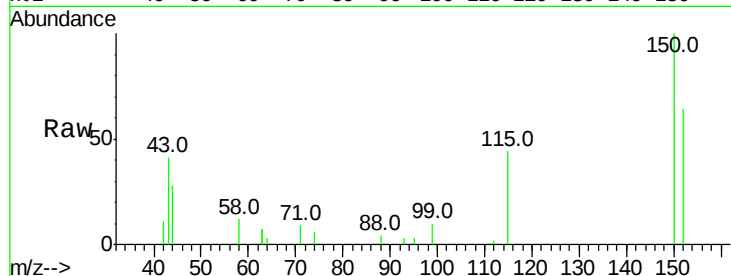
Tot Ion:152 Resp: 3457

Ion Ratio Lower Upper

152 100

150 156.5 125.1 187.7

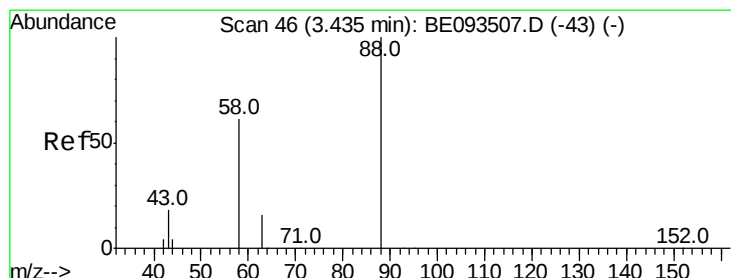
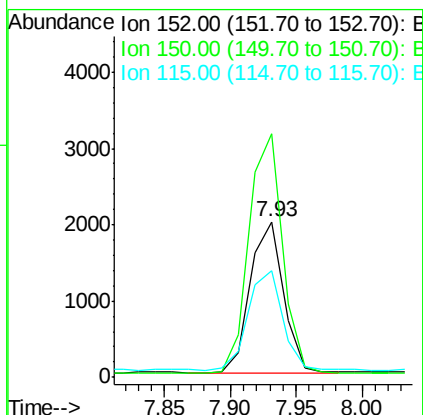
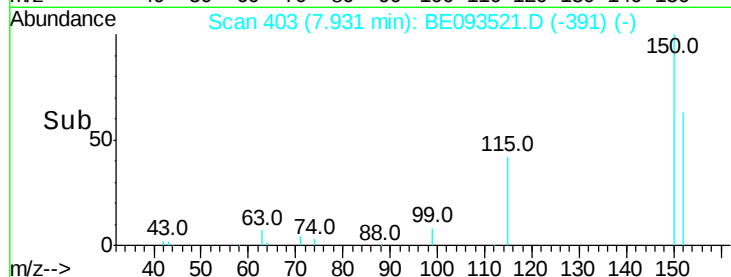
115 68.5 55.7 83.5



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: 0.100 ng

RT: 3.44 min Scan# 46

Delta R.T. 0.00 min

Lab File: BE093521.D

Acq: 21 Jul 2017 23:01

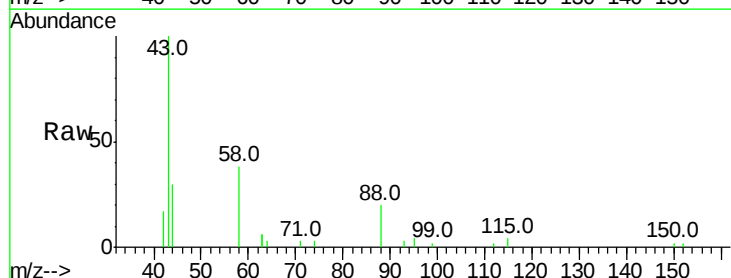
Tgt Ion: 88 Resp: 572

Ion Ratio Lower Upper

88 100

58 100.7 62.2 93.4#

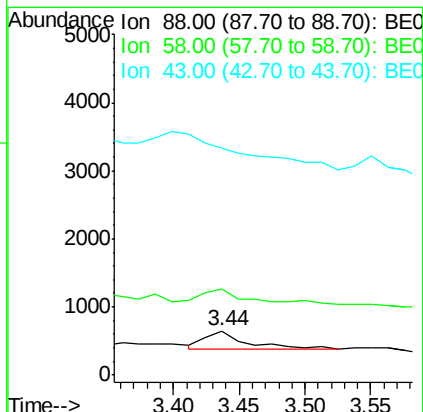
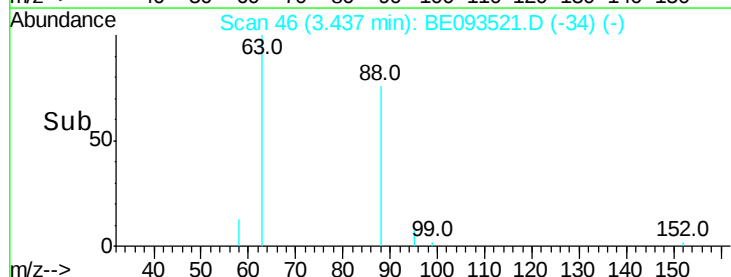
43 0.0 23.2 34.8#

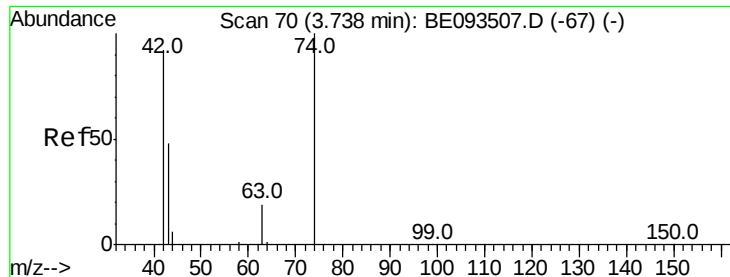


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.098 ng

RT: 3.71 min Scan# 68

Delta R.T. -0.02 min

Lab File: BE093521.D

Acq: 21 Jul 2017 23:01

Instrument :

BNA_E

ClientSampleId :

3568-SPP3

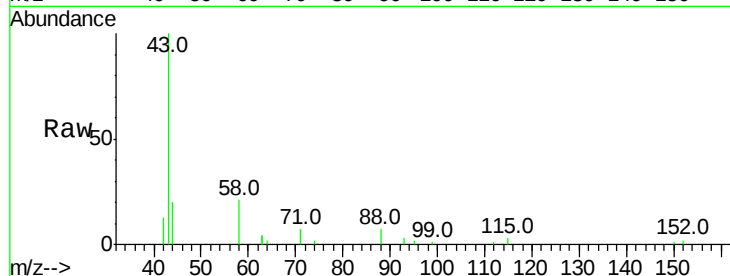
Tot Ion: 42 Resp: 556

Ion Ratio Lower Upper

42 100

74 0.0 99.1 148.7#

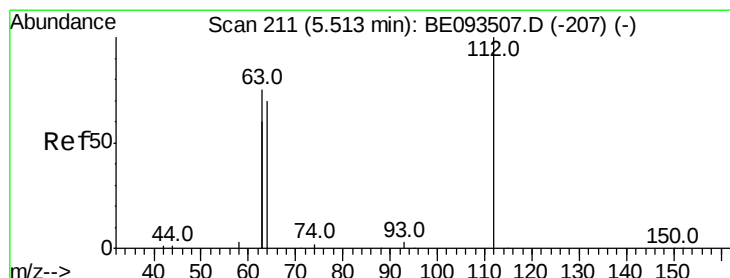
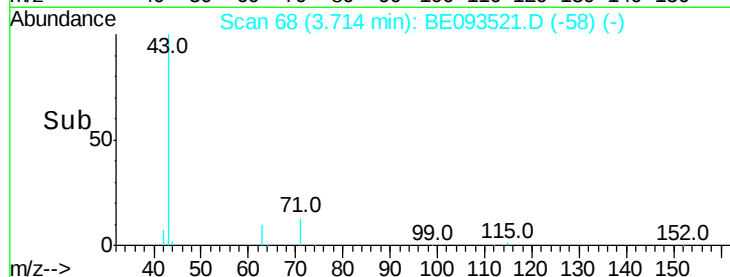
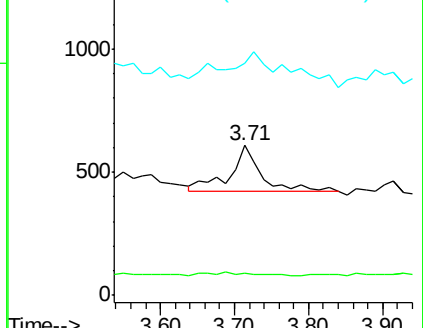
44 25.7 7.4 11.2#



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: 0.163 ng

RT: 5.51 min Scan# 211

Delta R.T. 0.00 min

Lab File: BE093521.D

Acq: 21 Jul 2017 23:01

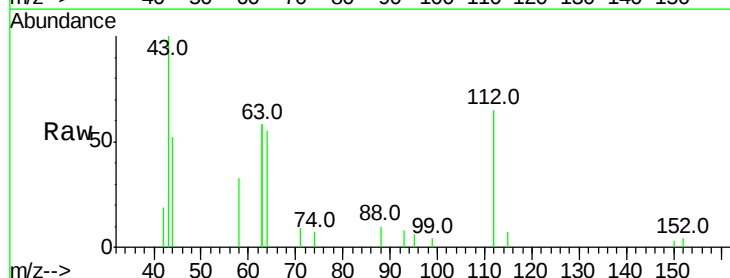
Tgt Ion: 112 Resp: 1956

Ion Ratio Lower Upper

112 100

64 65.6 56.4 84.6

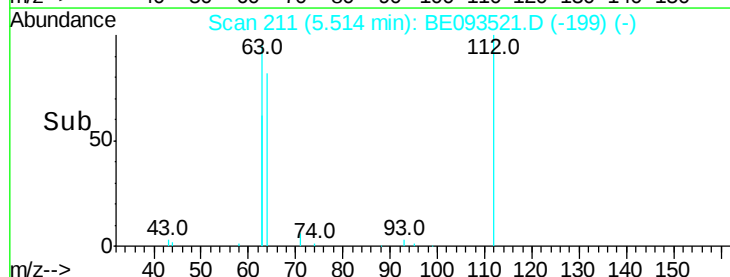
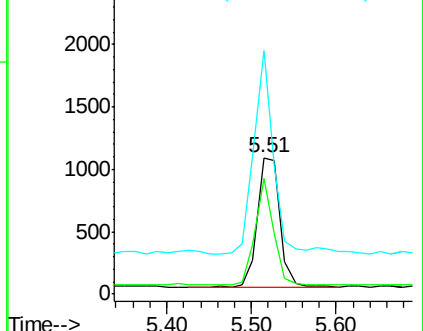
63 130.0 29.3 43.9#

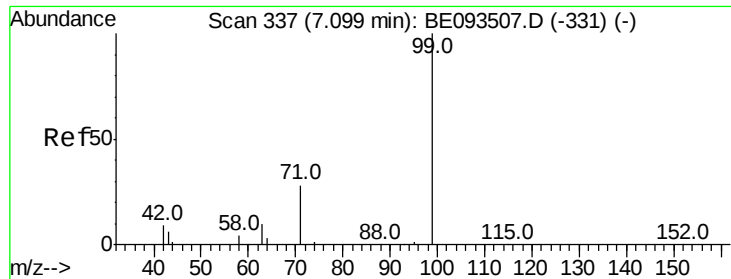


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.117 ng

RT: 7.10 min Scan# 337

Delta R.T. 0.00 min

Lab File: BE093521.D

Acq: 21 Jul 2017 23:01

Instrument :

BNA_E

ClientSampled :

3568-SPP3

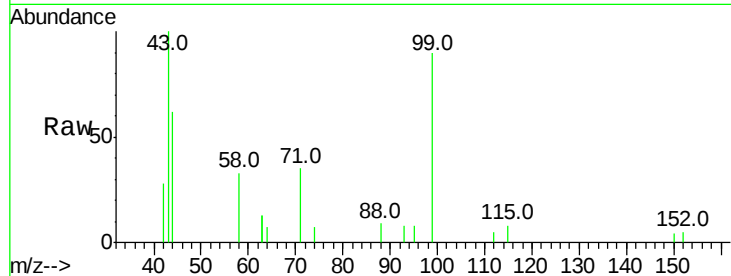
Tot Ion: 99 Resp: 1970

Ion Ratio Lower Upper

99 100

42 17.2 0.0 0.0#

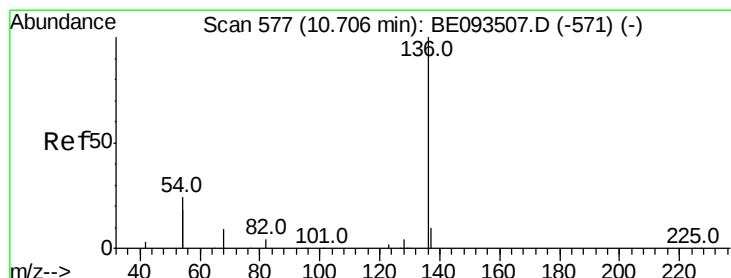
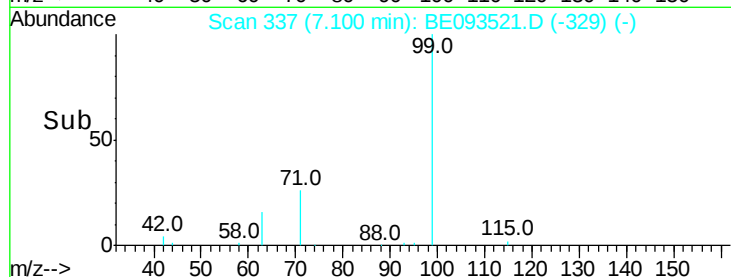
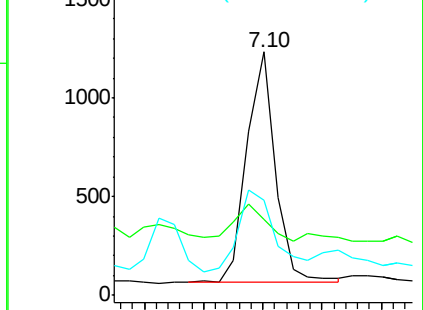
71 45.7 0.0 0.0#



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: 10.71 min Scan# 577

Delta R.T. 0.00 min

Lab File: BE093521.D

Acq: 21 Jul 2017 23:01

Tgt Ion: 136 Resp: 18492

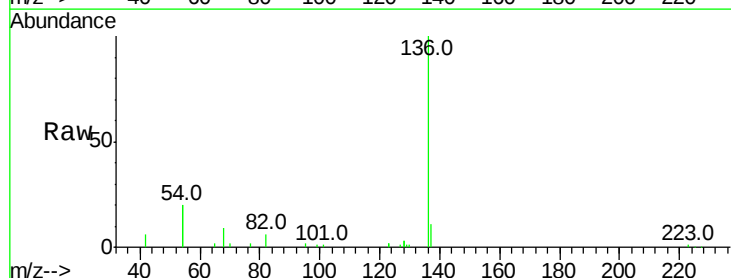
Ion Ratio Lower Upper

136 100

137 11.0 9.8 14.8

54 40.8 10.3 15.5#

68 8.7 9.0 13.4#

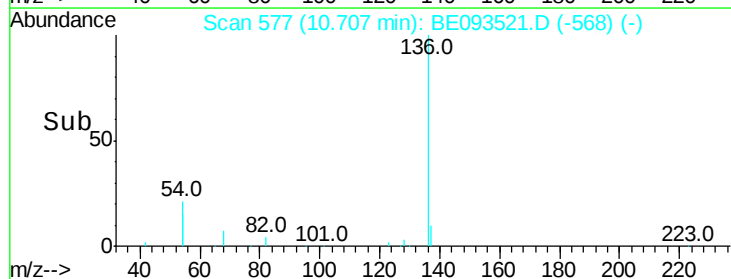
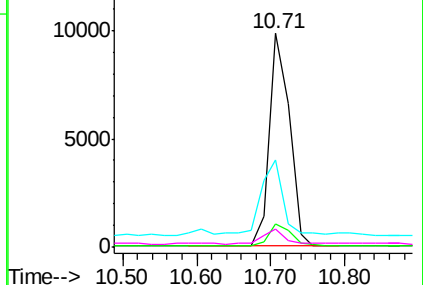


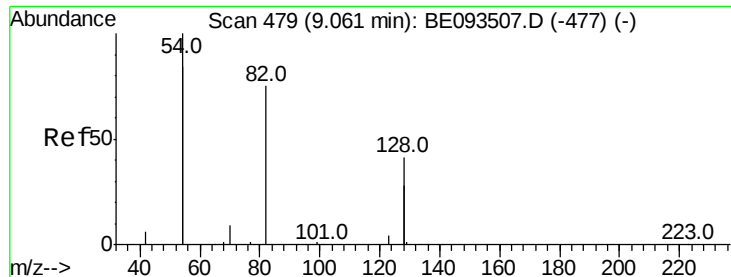
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.363 ng

RT: 9.06 min Scan# 479

Delta R.T. 0.00 min

Lab File: BE093521.D

Acq: 21 Jul 2017 23:01

Instrument :

BNA_E

ClientSampleId :

3568-SPP3

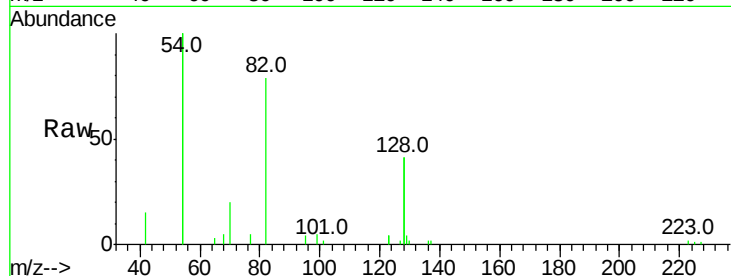
Tot Ion: 82 Resp: 5338

Ion Ratio Lower Upper

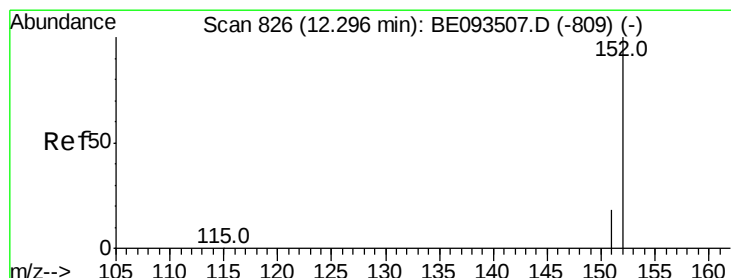
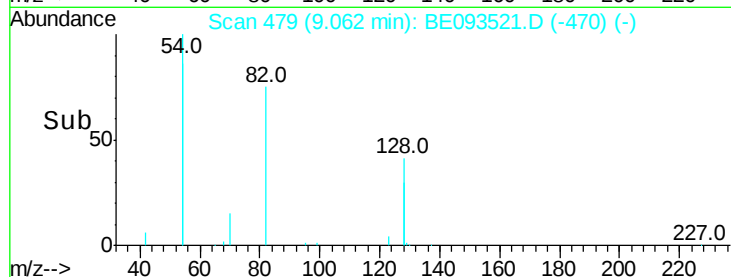
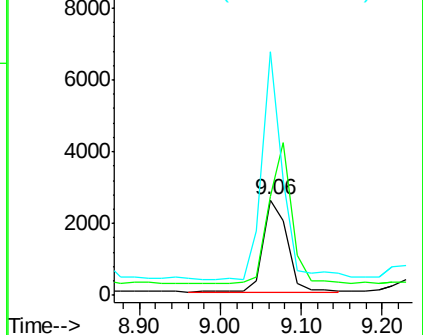
82 100

128 103.7 17.0 25.4#

54 254.7 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: 0.318 ng

RT: 12.29 min Scan# 825

Delta R.T. -0.00 min

Lab File: BE093521.D

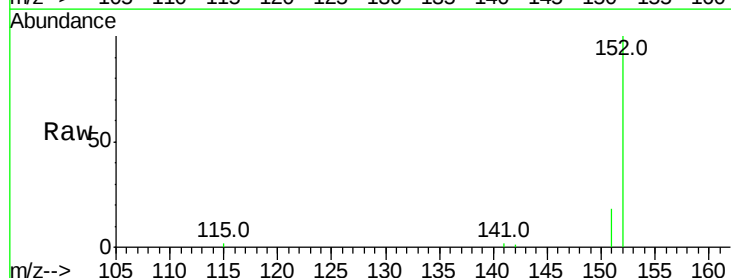
Acq: 21 Jul 2017 23:01

Tgt Ion: 152 Resp: 9502

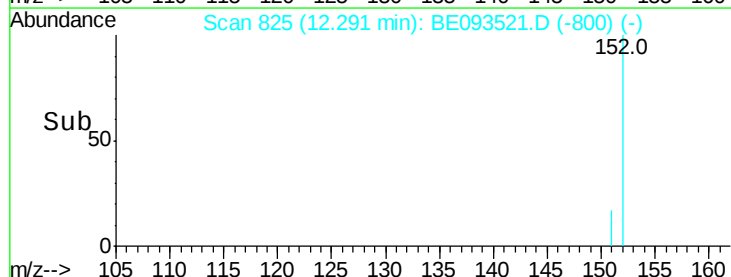
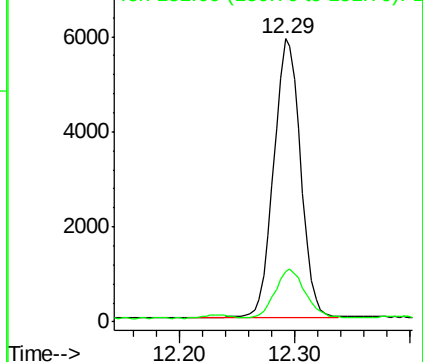
Ion Ratio Lower Upper

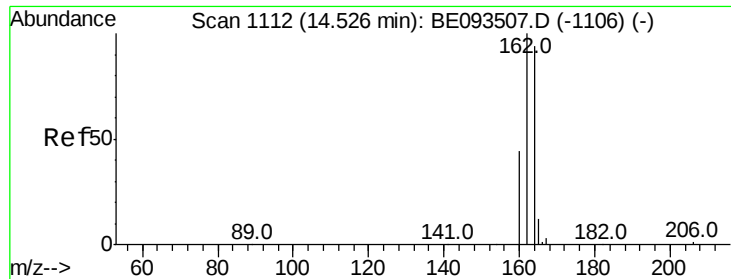
152 100

151 19.8 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: 0.400 ng

RT: 14.52 min Scan# 1112

Delta R.T. -0.00 min

Lab File: BE093521.D

Acq: 21 Jul 2017 23:01

Instrument :

BNA_E

ClientSampled :

3568-SPP3

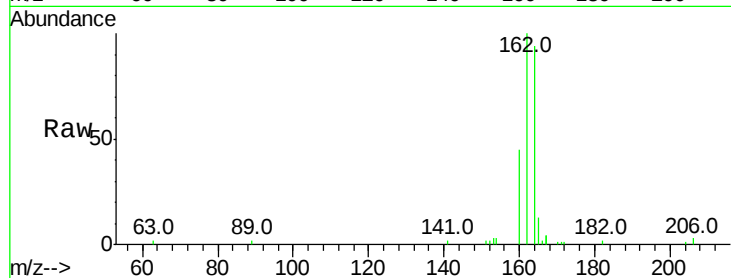
Tot Ion:164 Resp: 12234

Ion Ratio Lower Upper

164 100

162 106.5 84.6 127.0

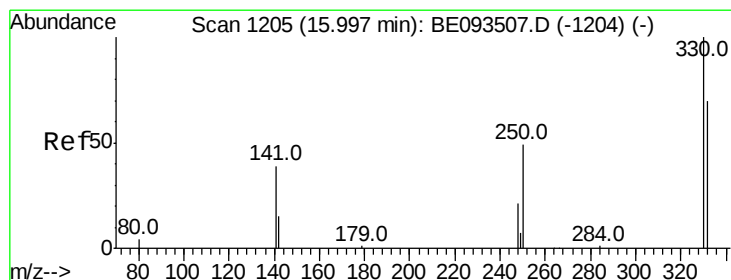
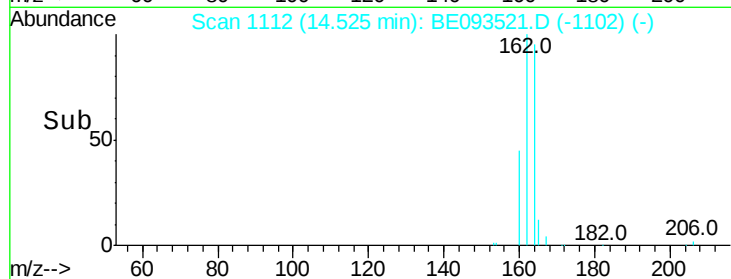
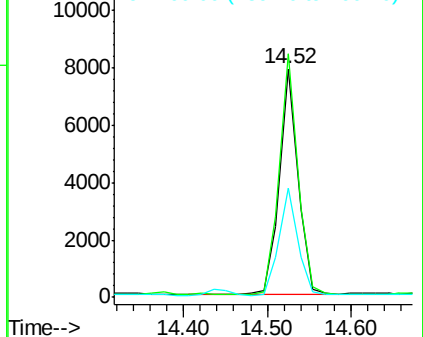
160 47.7 41.8 62.6



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: 0.307 ng

RT: 16.00 min Scan# 1205

Delta R.T. -0.00 min

Lab File: BE093521.D

Acq: 21 Jul 2017 23:01

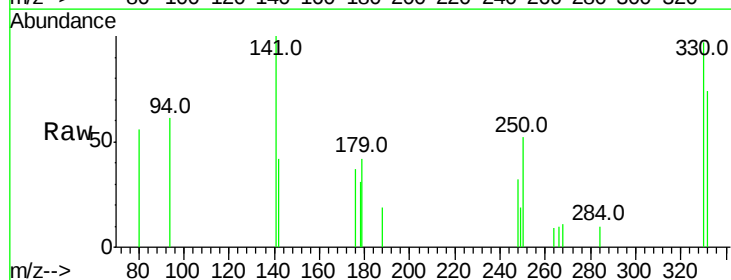
Tgt Ion:330 Resp: 1365

Ion Ratio Lower Upper

330 100

332 92.5 77.7 116.5

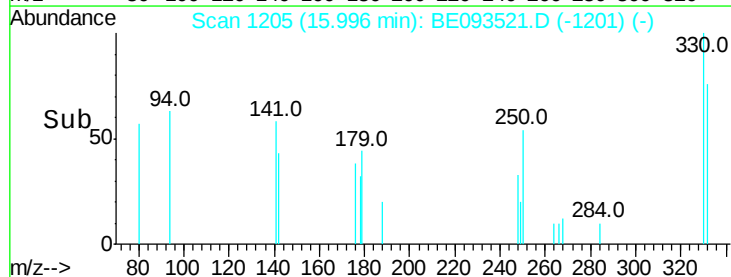
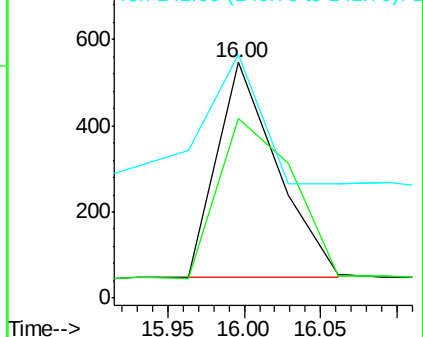
141 54.6 56.2 84.4#

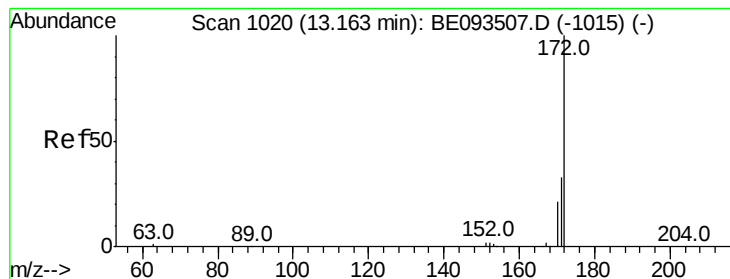


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.524 ng

RT: 13.16 min Scan# 1020

Delta R.T. -0.00 min

Lab File: BE093521.D

Acq: 21 Jul 2017 23:01

Instrument :

BNA_E

ClientSampleId :

3568-SPP3

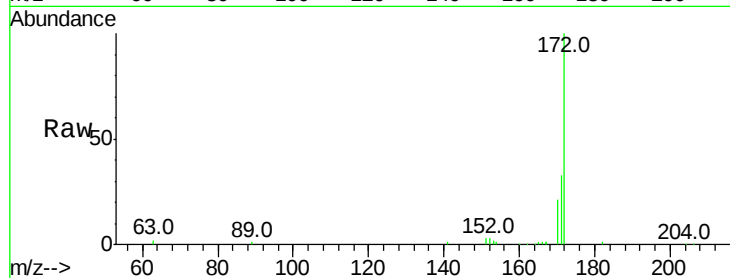
Tot Ion:172 Resp: 25225

Ion Ratio Lower Upper

172 100

171 32.9 29.8 44.6

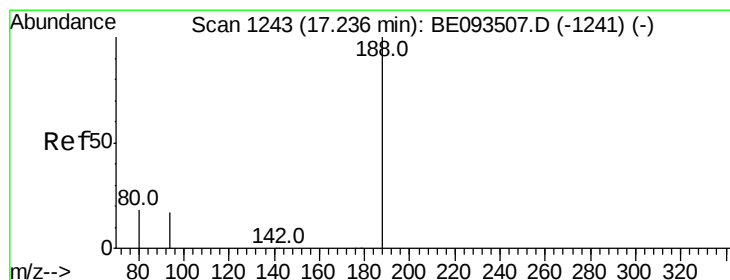
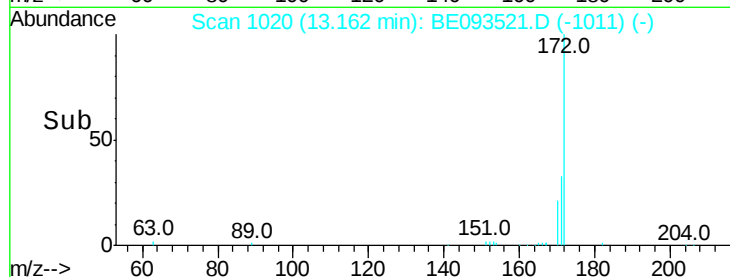
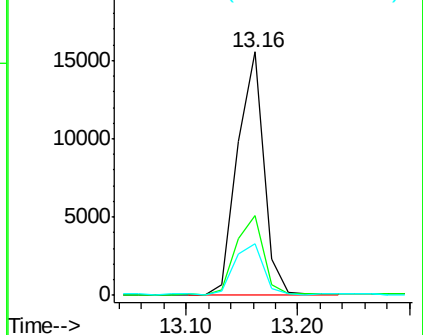
170 21.2 20.7 31.1



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: 17.23 min Scan# 1243

Delta R.T. -0.00 min

Lab File: BE093521.D

Acq: 21 Jul 2017 23:01

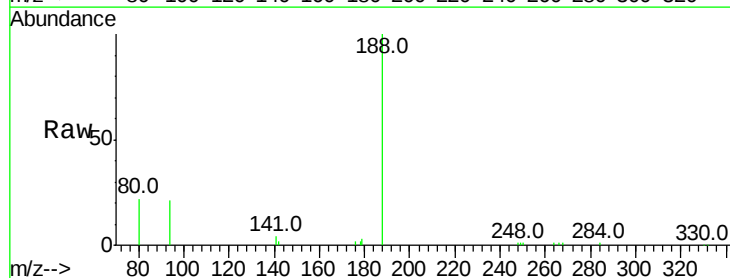
Tgt Ion:188 Resp: 26401

Ion Ratio Lower Upper

188 100

94 21.3 11.3 16.9#

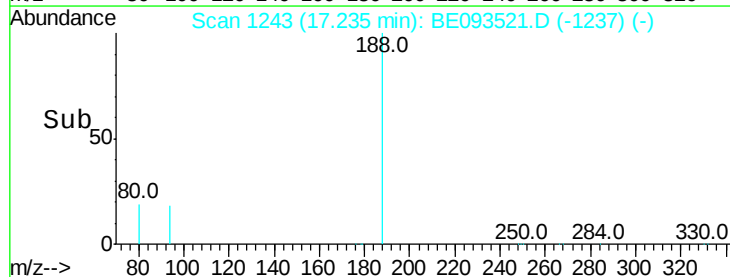
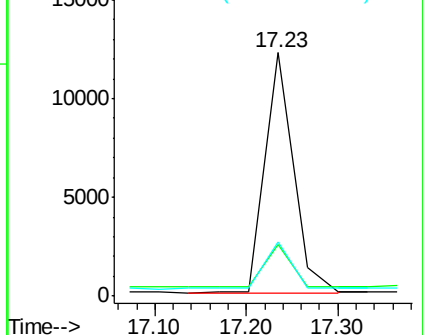
80 22.2 11.7 17.5#

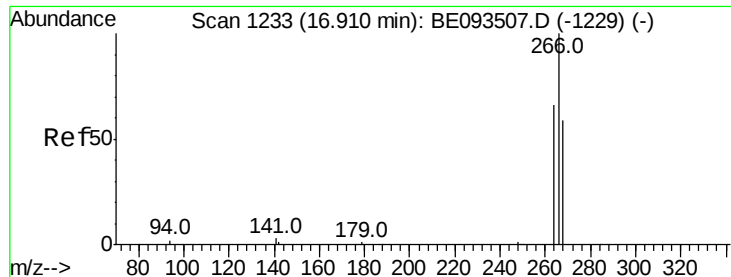


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0

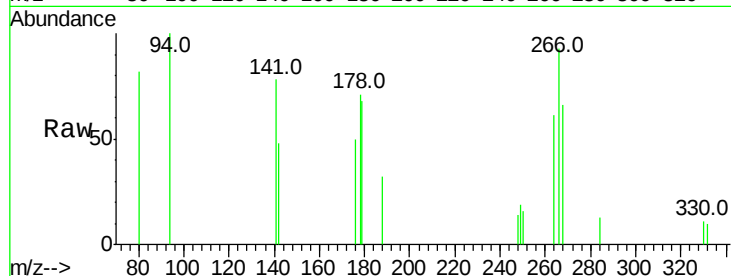




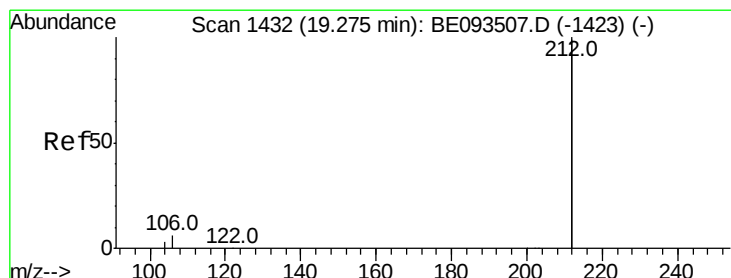
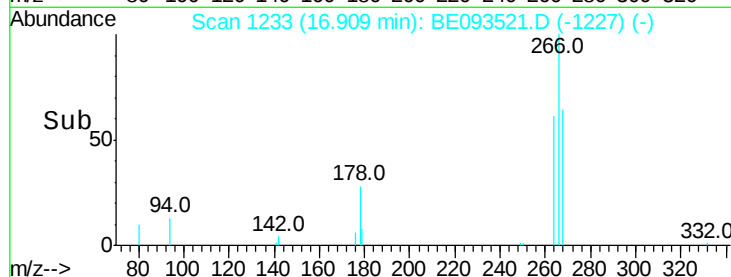
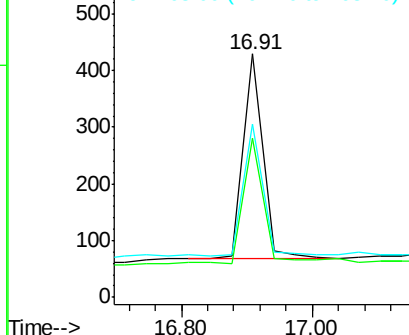
#22
 Pentachlorophenol
 Concen: 0.286 ng
 RT: 16.91 min Scan# 1233
 Delta R.T. -0.00 min
 Lab File: BE093521.D
 Acq: 21 Jul 2017 23:01

Instrument :
 BNA_E
 ClientSampleId :
 3568-SPP3

Tot Ion:266 Resp: 763
 Ion Ratio Lower Upper
 266 100
 264 65.5 56.0 84.0
 268 71.3 52.0 78.0

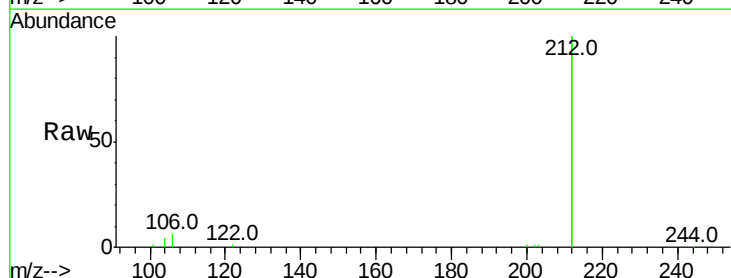


Abundance Ion 266.00 (265.70 to 266.70): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

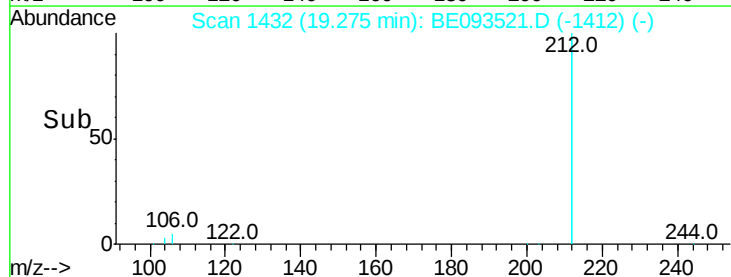
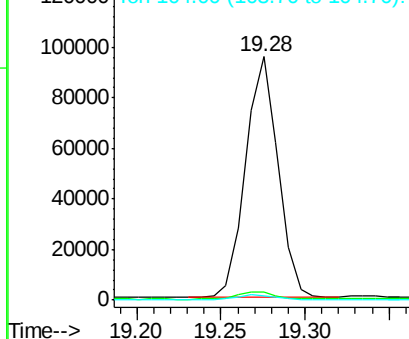


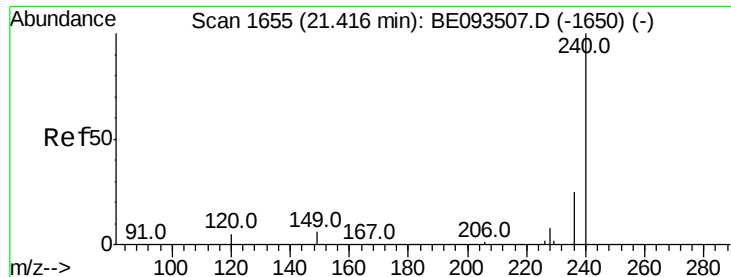
#25
 Fluoranthene-d10
 Concen: 0.304 ng
 RT: 19.28 min Scan# 1432
 Delta R.T. 0.00 min
 Lab File: BE093521.D
 Acq: 21 Jul 2017 23:01

Tgt Ion:212 Resp: 127737
 Ion Ratio Lower Upper
 212 100
 106 3.2 2.4 3.6
 104 1.9 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: 21.41 min Scan# 1655

Delta R.T. -0.00 min

Lab File: BE093521.D

Acq: 21 Jul 2017 23:01

Instrument :

BNA_E

ClientSampleId :

3568-SPP3

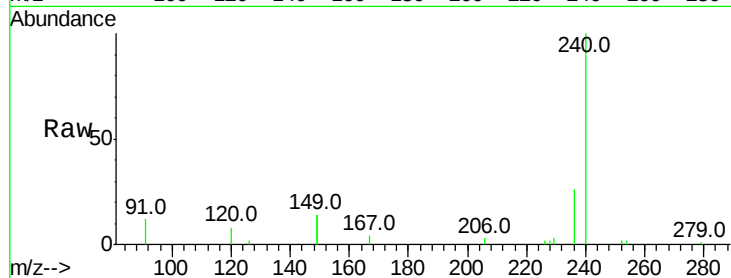
Tot Ion:240 Resp: 34892

Ion Ratio Lower Upper

240 100

120 8.3 4.6 7.0#

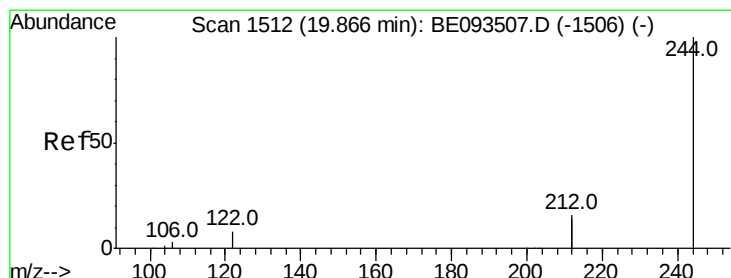
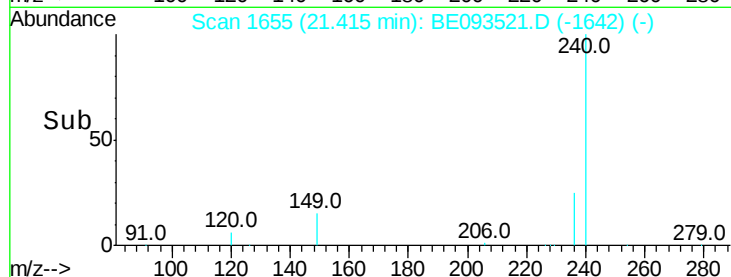
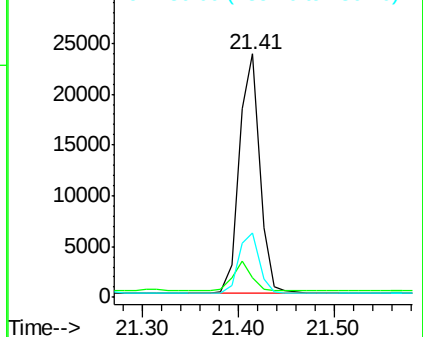
236 26.2 20.8 31.2



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: 0.616 ng

RT: 19.86 min Scan# 1511

Delta R.T. -0.01 min

Lab File: BE093521.D

Acq: 21 Jul 2017 23:01

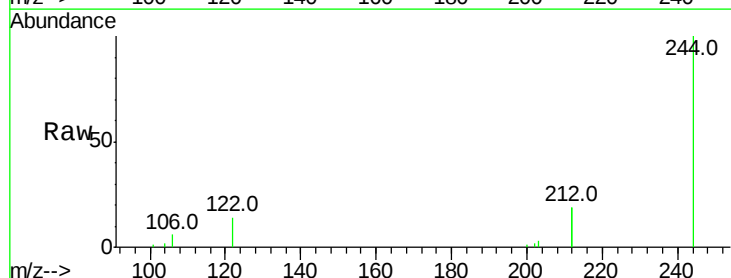
Tgt Ion:244 Resp: 39129

Ion Ratio Lower Upper

244 100

212 37.4 10.6 16.0#

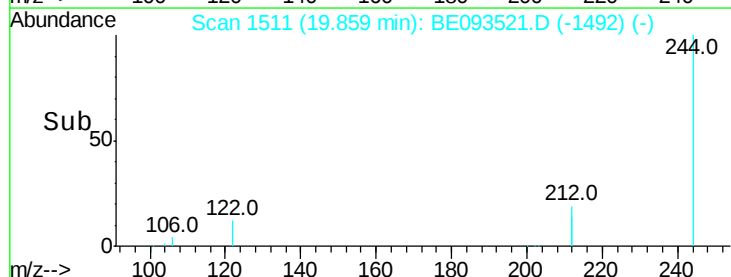
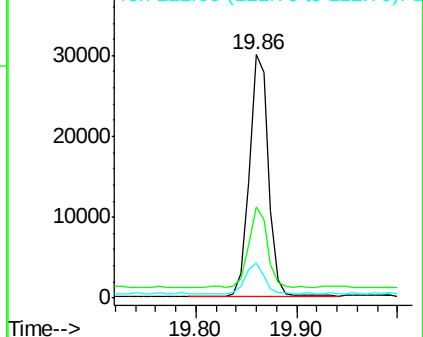
122 14.3 15.4 23.0#

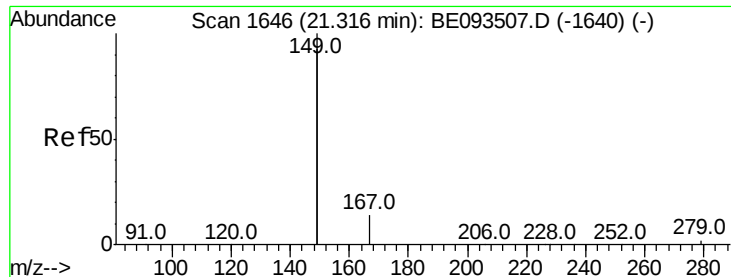


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 7.796 ng

RT: 21.31 min Scan# 1646

Delta R.T. -0.00 min

Lab File: BE093521.D

Acq: 21 Jul 2017 23:01

Instrument :

BNA_E

ClientSampleId :

3568-SPP3

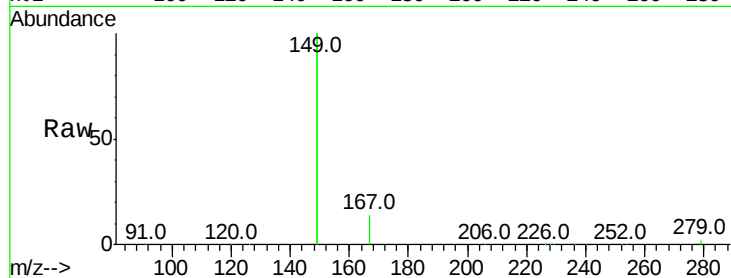
Tot Ion:149 Resp: 1745962

Ion Ratio Lower Upper

149 100

167 6.8 4.8 7.2

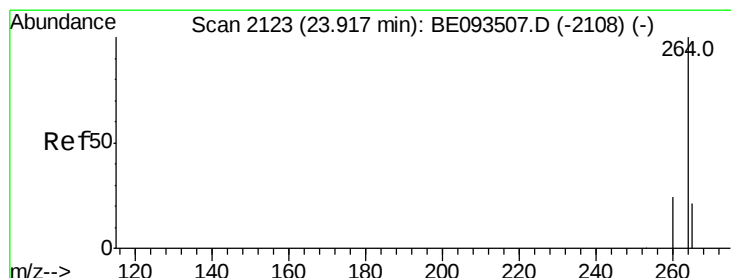
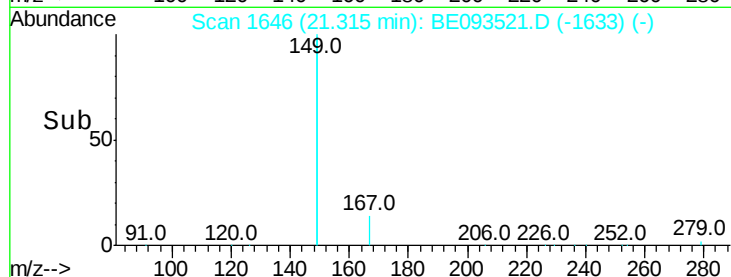
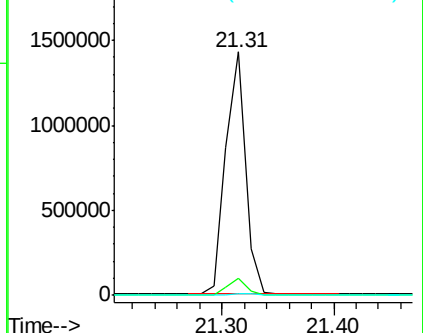
279 0.9 0.8 1.2



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: 0.400 ng

RT: 23.92 min Scan# 2123

Delta R.T. -0.00 min

Lab File: BE093521.D

Acq: 21 Jul 2017 23:01

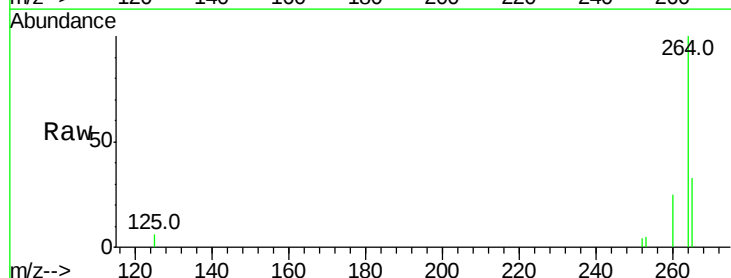
Tgt Ion:264 Resp: 29197

Ion Ratio Lower Upper

264 100

260 25.4 21.0 31.4

265 33.2 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

