

Data Path : Z:\HPCHEM1\BNA E\DATA\BE072117\
 Data File : BE093523.D
 Acq On : 22 Jul 2017 00:15
 Operator : SJ/JU
 Sample : I4199-10
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 3570-SPP4-DUP

Quant Time: Jul 22 01:57:34 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

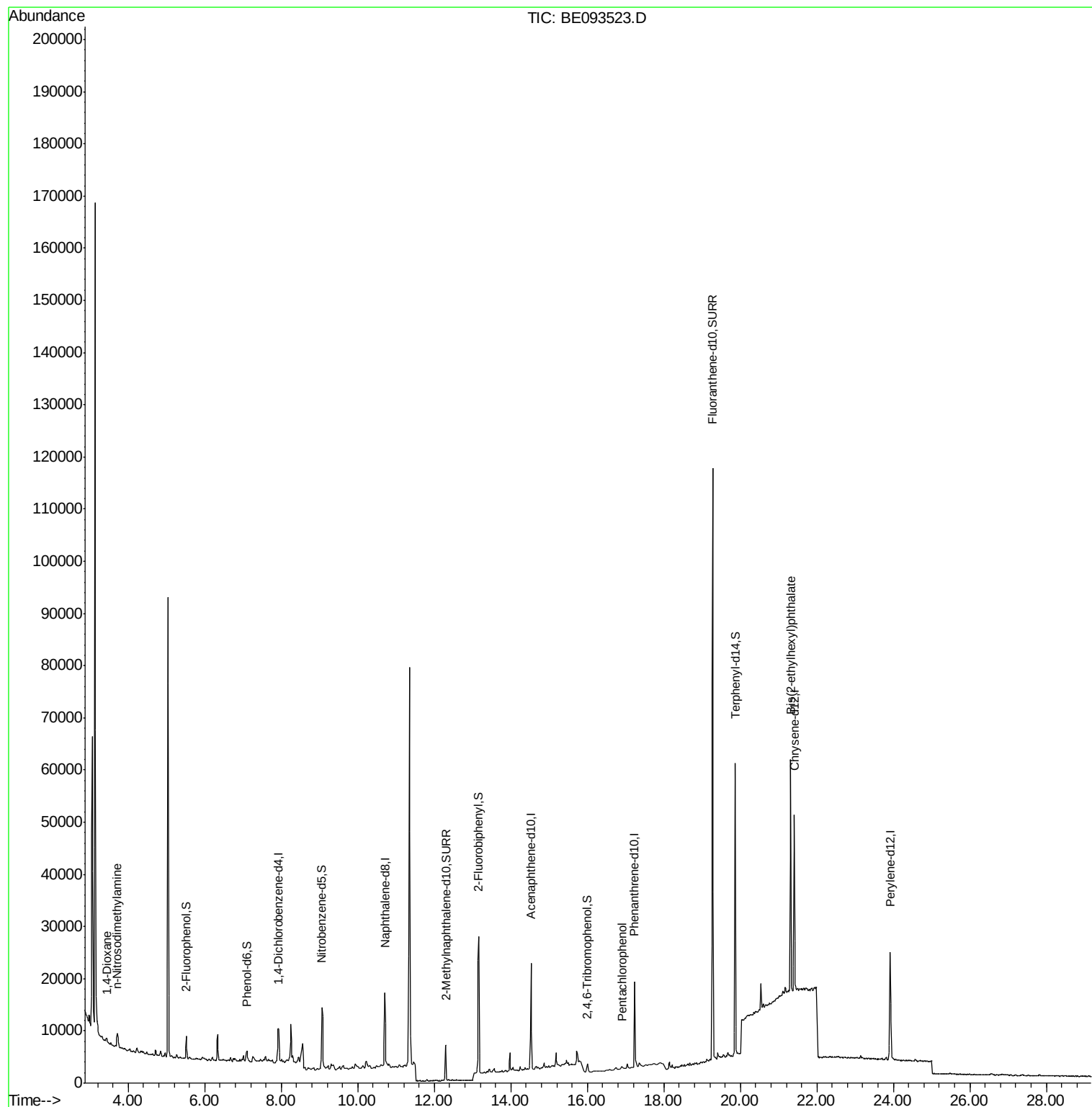
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	3301	0.40	ng	0.00
7) Naphthalene-d8	10.71	136	16983	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	11443	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	25721	0.40	ng	0.00
27) Chrysene-d12	21.41	240	36550	0.40	ng	0.00
34) Perylene-d12	23.92	264	31068	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.52	112	2089	0.18	ng	0.00
5) Phenol-d6	7.10	99	2108	0.13	ng	0.00
8) Nitrobenzene-d5	9.06	82	5422	0.40	ng	0.00
11) 2-Methylnaphthalene-d10	12.29	152	9510	0.35	ng	0.00
14) 2,4,6-Tribromophenol	16.00	330	1330	0.32	ng	0.00
15) 2-Fluorobiphenyl	13.16	172	27939	0.62	ng	0.00
25) Fluoranthene-d10	19.27	212	142414	0.35	ng	0.00
29) Terphenyl-d14	19.87	244	49903	0.75	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.44	88	693	0.126	ng	Qvalue # 56
3) n-Nitrosodimethylamine	3.71	42	608	0.112	ng	# 3
22) Pentachlorophenol	16.91	266	575	0.264	ng	94
32) Bis(2-ethylhexyl)phthalate	21.31	149	50580	0.208	ng	97

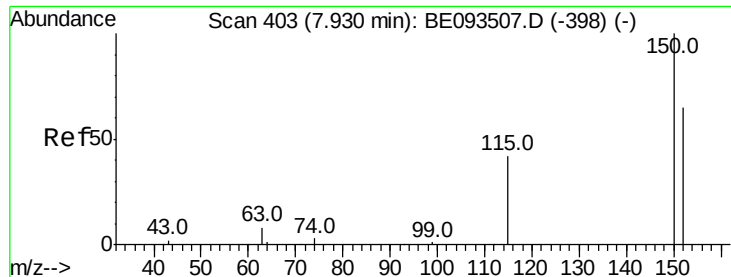
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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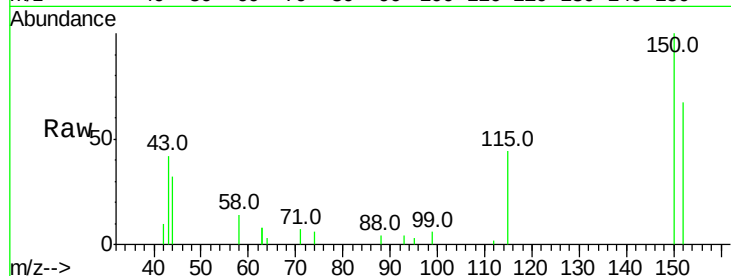


#1

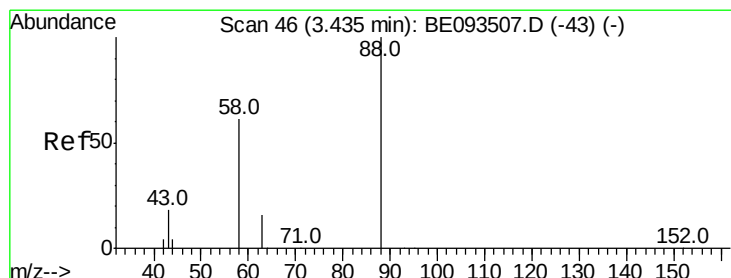
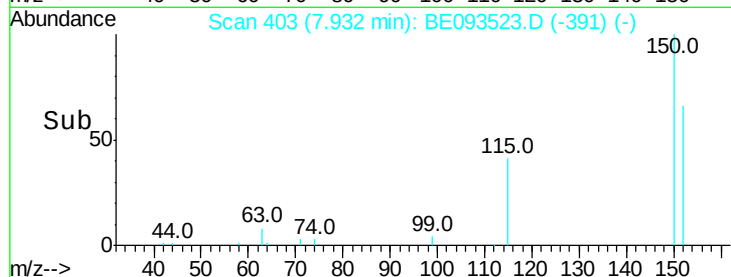
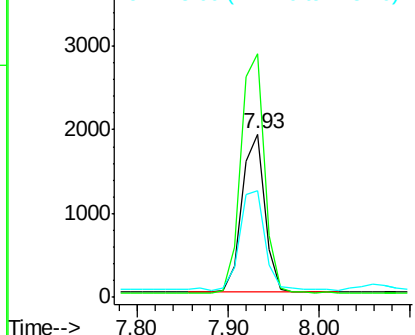
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.93 min Scan# 403
Delta R.T. 0.00 min
Lab File: BE093523.D
Acq: 22 Jul 2017 00:15

Instrument :
BNA_E
ClientSampleId :
3570-SPP4-DUP

Tot Ion:152 Resp: 3301
Ion Ratio Lower Upper
152 100
150 149.0 125.1 187.7
115 65.6 55.7 83.5



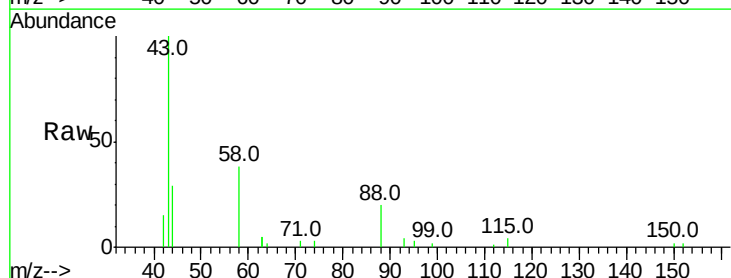
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



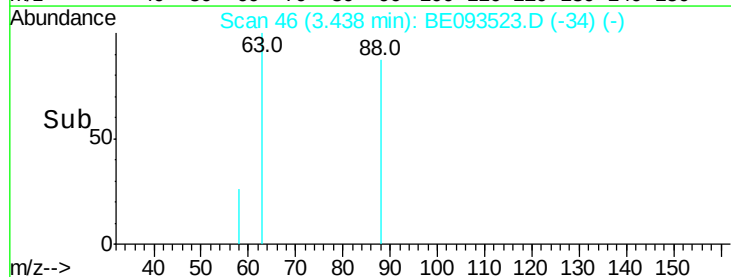
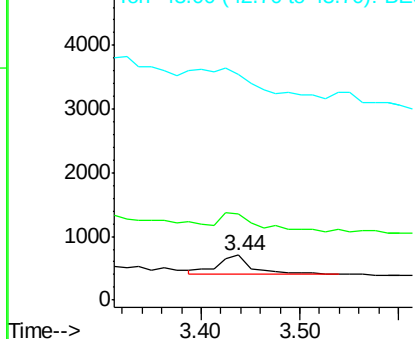
#2

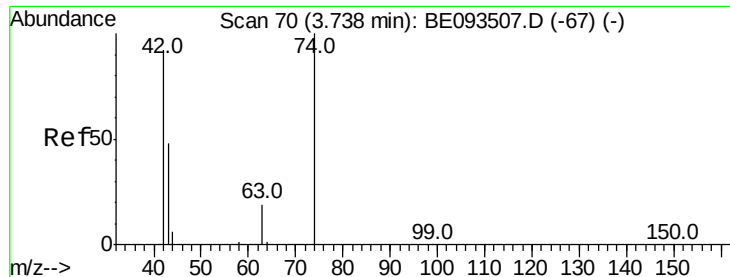
1,4-Dioxane
Concen: 0.126 ng
RT: 3.44 min Scan# 46
Delta R.T. 0.00 min
Lab File: BE093523.D
Acq: 22 Jul 2017 00:15

Tgt Ion: 88 Resp: 693
Ion Ratio Lower Upper
88 100
58 112.6 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: 0.112 ng

RT: 3.71 min Scan# 68

Delta R.T. -0.02 min

Lab File: BE093523.D

Acq: 22 Jul 2017 00:15

Instrument :

BNA_E

ClientSampleId :

3570-SPP4-DUP

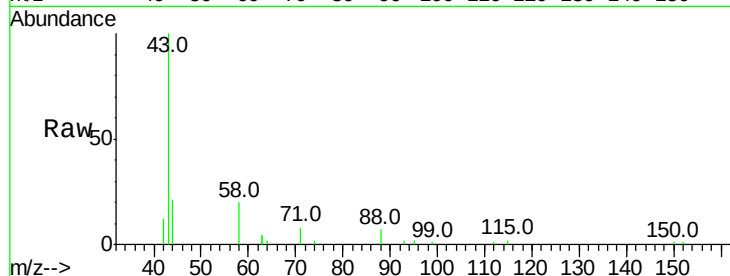
Tot Ion: 42 Resp: 608

Ion Ratio Lower Upper

42 100

74 7.9 99.1 148.7#

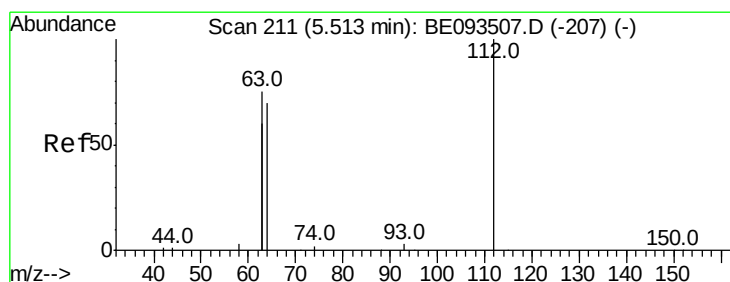
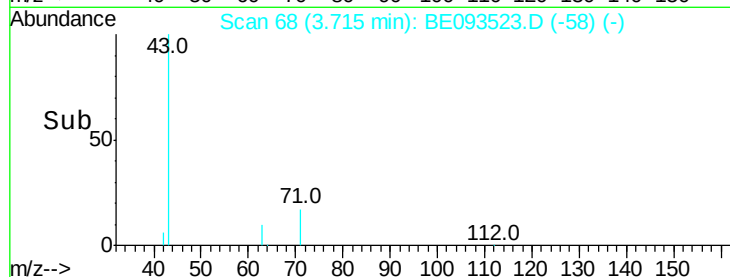
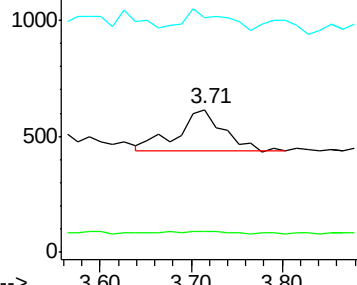
44 0.0 7.4 11.2#



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: 0.182 ng

RT: 5.52 min Scan# 211

Delta R.T. 0.00 min

Lab File: BE093523.D

Acq: 22 Jul 2017 00:15

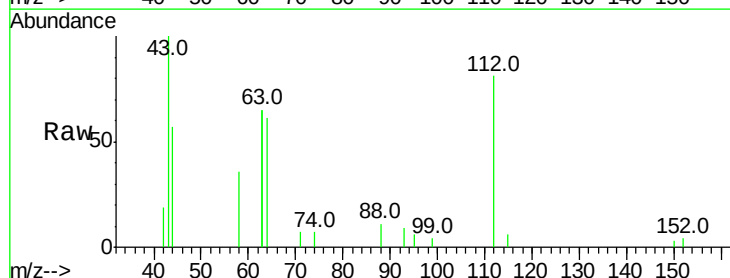
Tgt Ion: 112 Resp: 2089

Ion Ratio Lower Upper

112 100

64 69.5 56.4 84.6

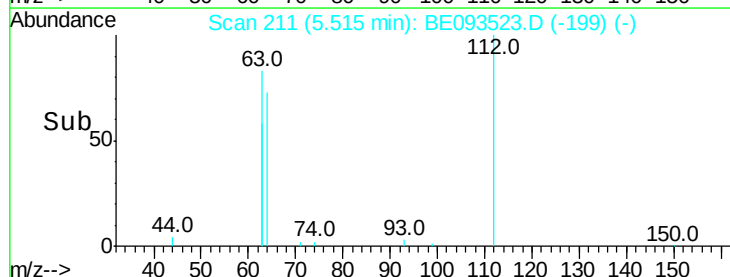
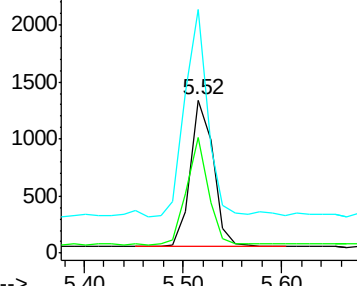
63 137.8 29.3 43.9#

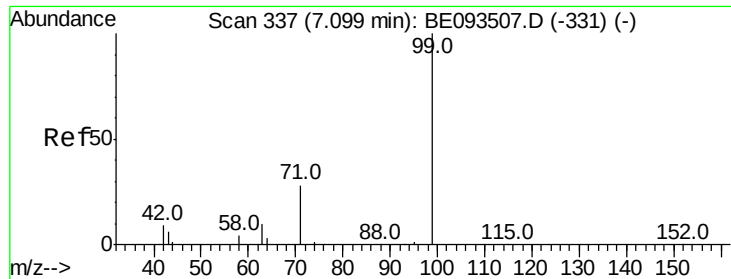


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.131 ng

RT: 7.10 min Scan# 337

Delta R.T. 0.00 min

Lab File: BE093523.D

Acq: 22 Jul 2017 00:15

Instrument :

BNA_E

ClientSampleId :

3570-SPP4-DUP

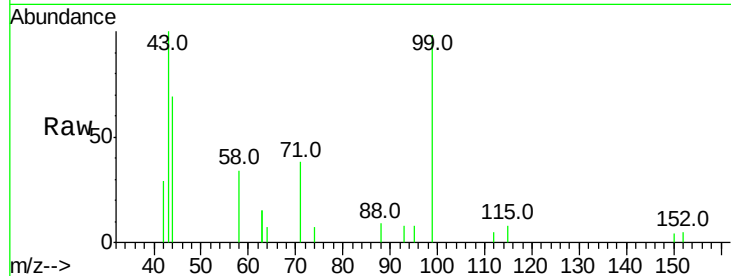
Tot Ion: 99 Resp: 2108

Ion Ratio Lower Upper

99 100

42 19.4 0.0 0.0#

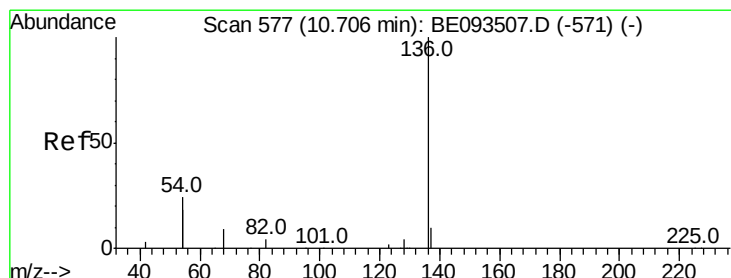
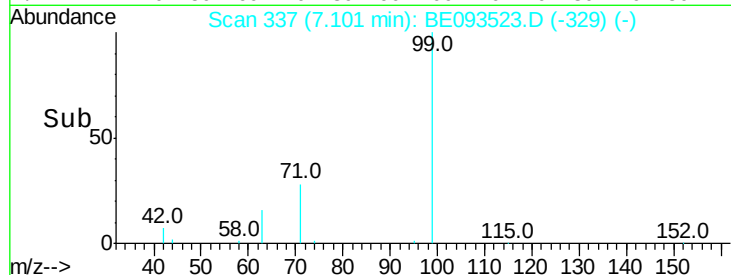
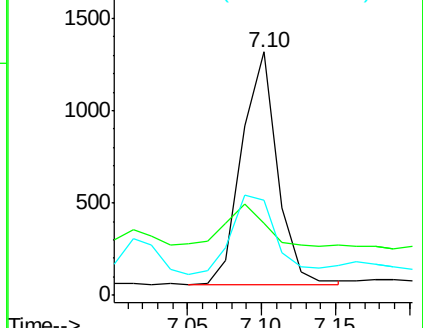
71 41.9 0.0 0.0#



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: BE093523.D

Acq: 22 Jul 2017 00:15

Tgt Ion: 136 Resp: 16983

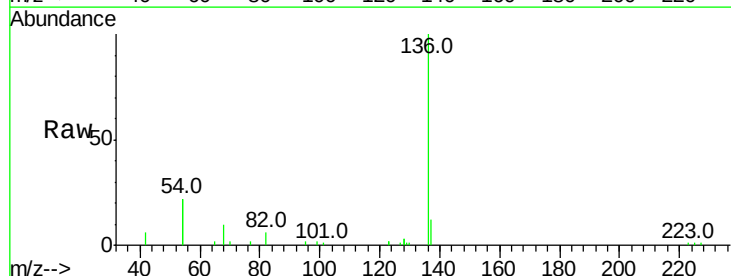
Ion Ratio Lower Upper

136 100

137 11.6 9.8 14.8

54 44.2 10.3 15.5#

68 9.7 9.0 13.4

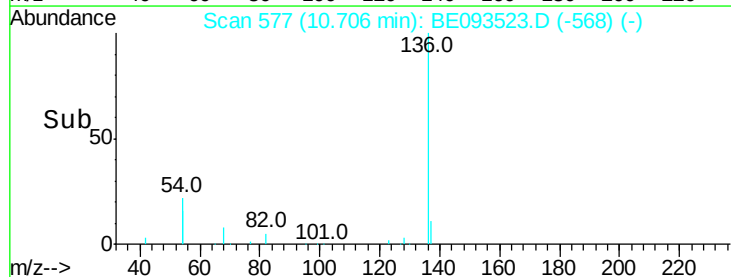
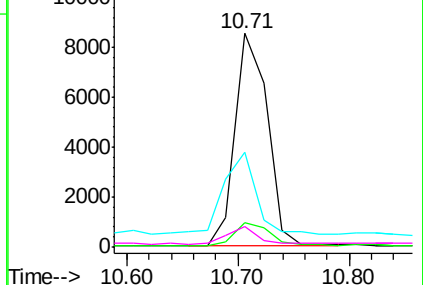


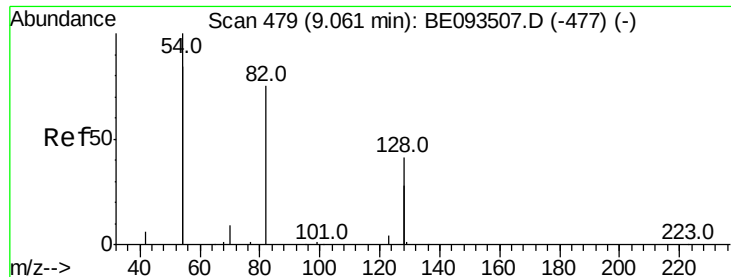
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.402 ng

RT: 9.06 min Scan# 479

Delta R.T. -0.00 min

Lab File: BE093523.D

Acq: 22 Jul 2017 00:15

Instrument :

BNA_E

ClientSampleId :

3570-SPP4-DUP

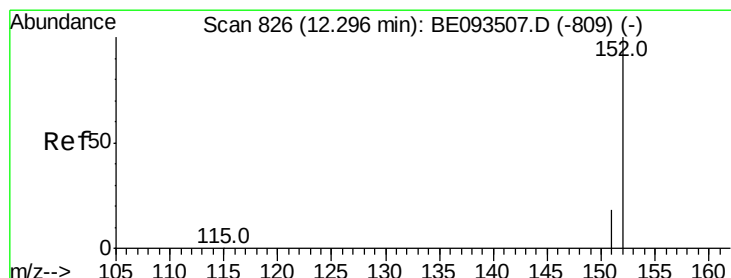
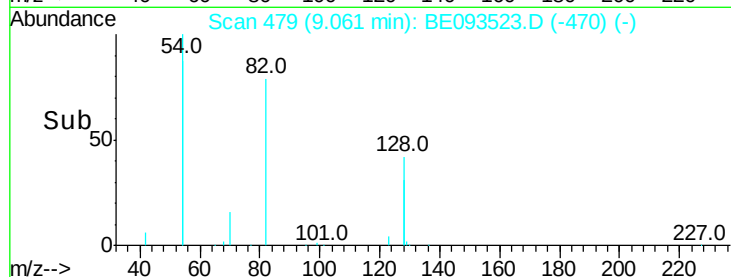
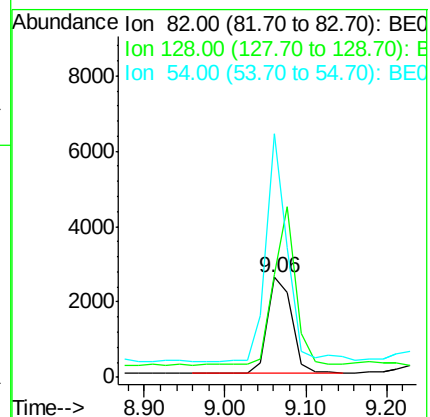
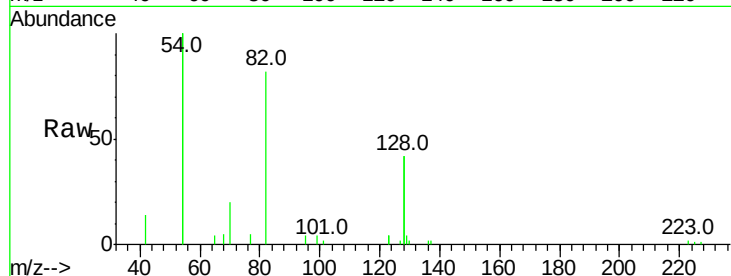
Tot Ion: 82 Resp: 5422

Ion Ratio Lower Upper

82 100

128 102.7 17.0 25.4#

54 243.4 53.8 80.6#



#11

2-Methylnaphthalene-d10

Concen: 0.346 ng

RT: 12.29 min Scan# 825

Delta R.T. -0.00 min

Lab File: BE093523.D

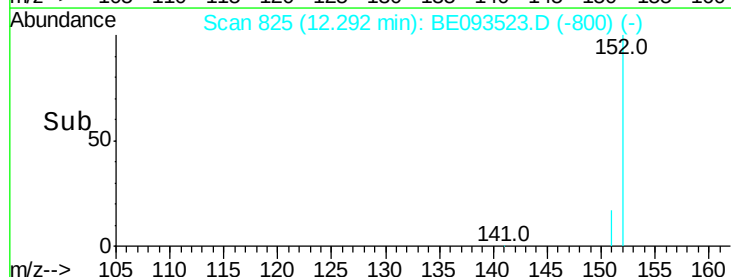
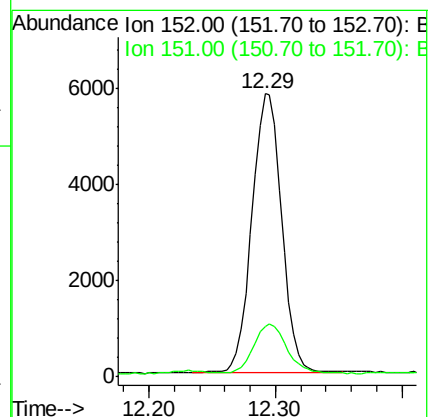
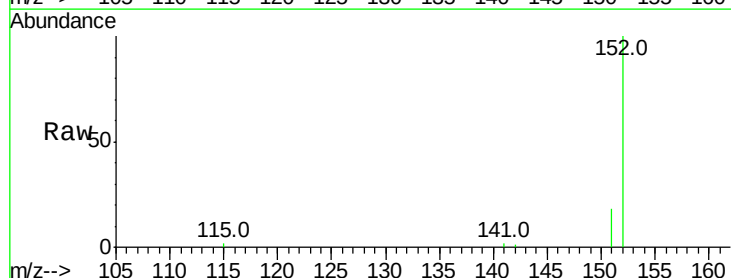
Acq: 22 Jul 2017 00:15

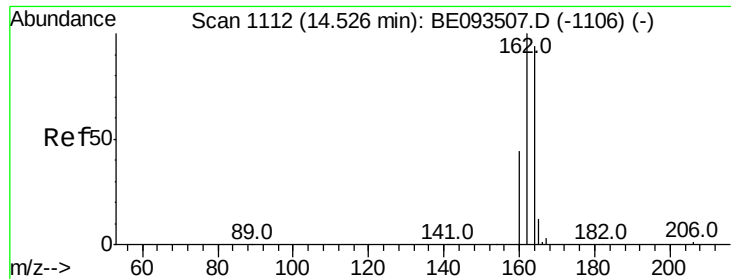
Tgt Ion: 152 Resp: 9510

Ion Ratio Lower Upper

152 100

151 19.8 15.1 22.7





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.53 min Scan# 1112

Delta R.T. -0.00 min

Lab File: BE093523.D

Acq: 22 Jul 2017 00:15

Instrument :

BNA_E

ClientSampleId :

3570-SPP4-DUP

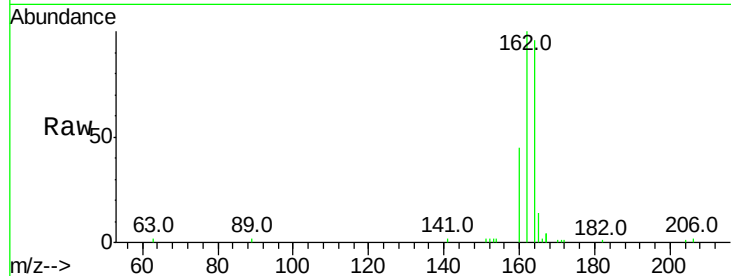
Tot Ion:164 Resp: 11443

Ion Ratio Lower Upper

164 100

162 104.1 84.6 127.0

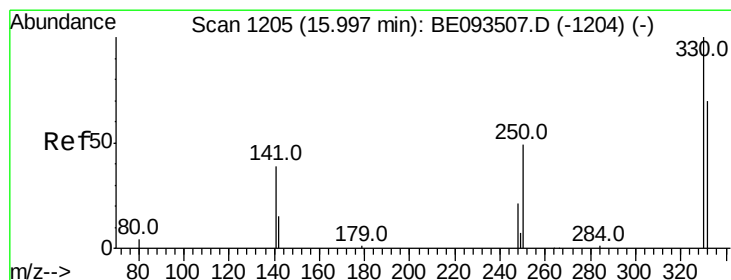
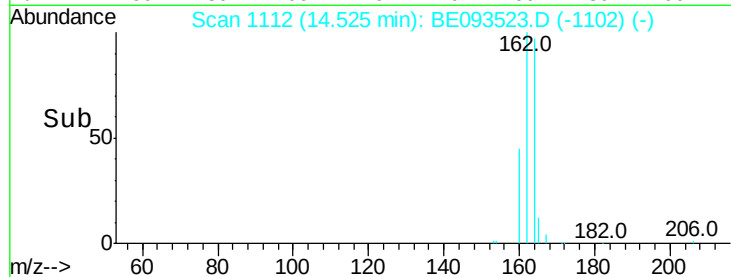
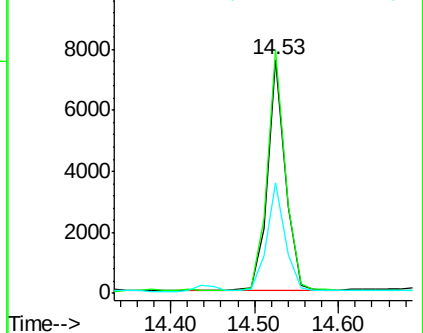
160 47.3 41.8 62.6



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: 0.320 ng

RT: 16.00 min Scan# 1205

Delta R.T. -0.00 min

Lab File: BE093523.D

Acq: 22 Jul 2017 00:15

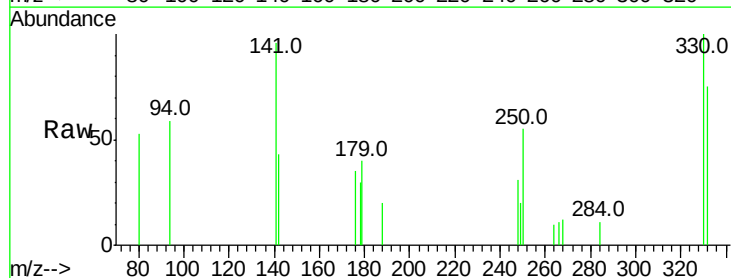
Tgt Ion:330 Resp: 1330

Ion Ratio Lower Upper

330 100

332 89.8 77.7 116.5

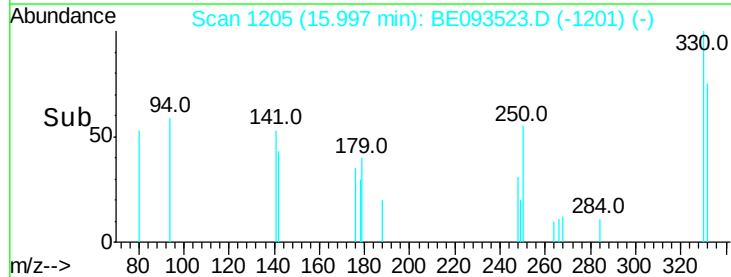
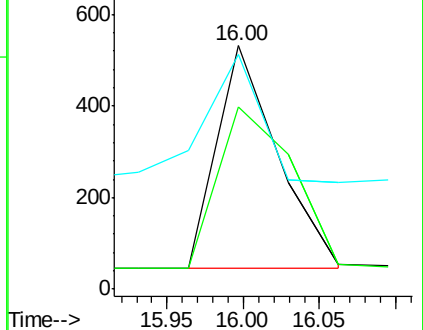
141 52.9 56.2 84.4#

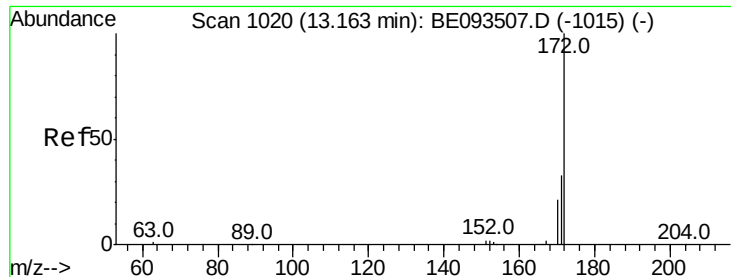


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

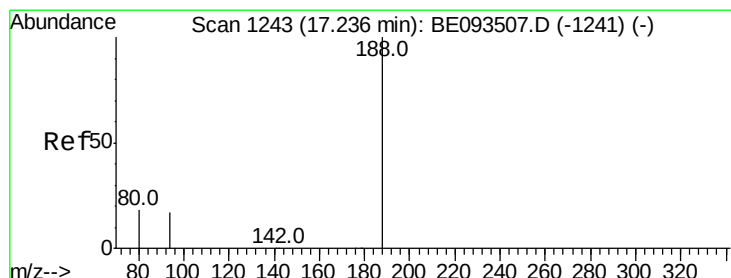
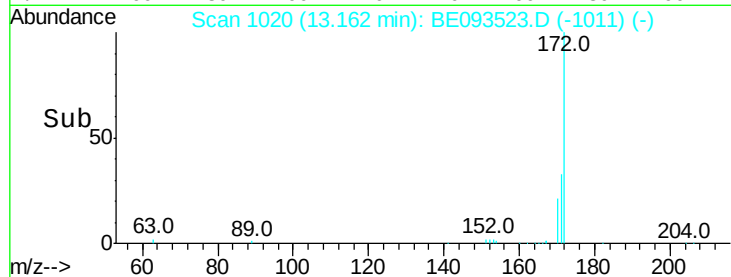
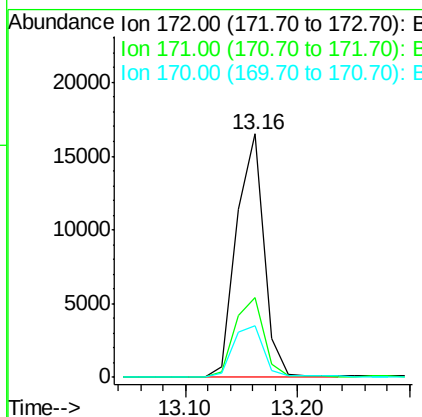
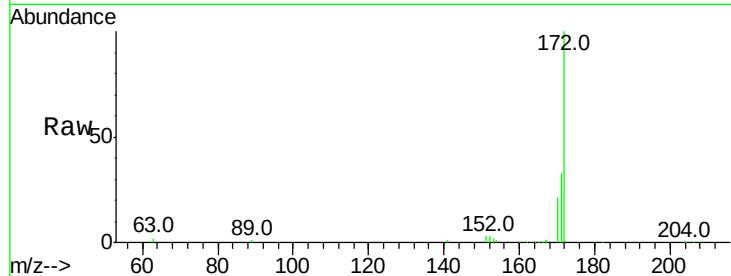




#15
2-Fluorobiphenyl
Concen: 0.620 ng
RT: 13.16 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BE093523.D
Acq: 22 Jul 2017 00:15

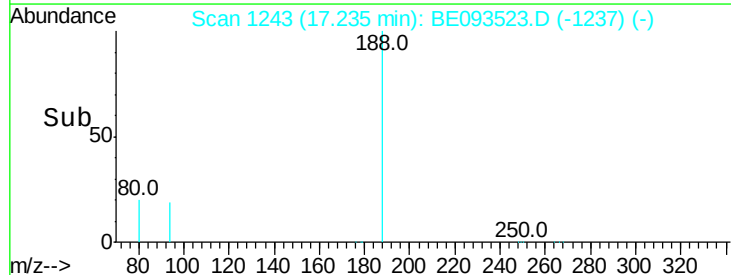
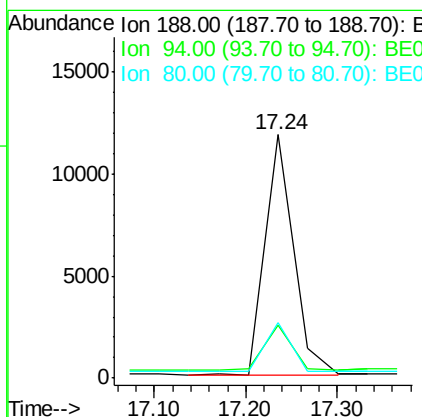
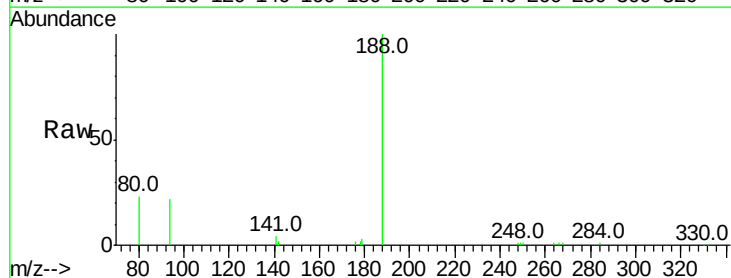
Instrument :
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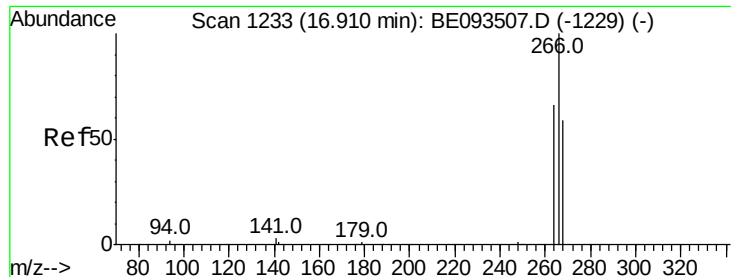
Tot Ion:172 Resp: 27939
Ion Ratio Lower Upper
172 100
171 33.0 29.8 44.6
170 21.1 20.7 31.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.24 min Scan# 1243
Delta R.T. -0.00 min
Lab File: BE093523.D
Acq: 22 Jul 2017 00:15

Tgt Ion:188 Resp: 25721
Ion Ratio Lower Upper
188 100
94 21.9 11.3 16.9#
80 22.6 11.7 17.5#





#22

Pentachlorophenol

Concen: 0.264 ng

RT: 16.91 min Scan# 1233

Delta R.T. -0.00 min

Lab File: BE093523.D

Acq: 22 Jul 2017 00:15

Instrument :

BNA_E

ClientSampleId :

3570-SPP4-DUP

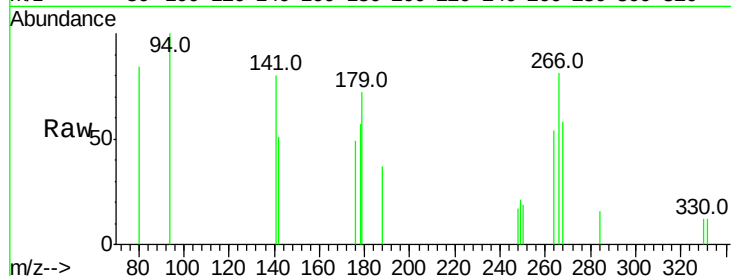
Tot Ion:266 Resp: 575

Ion Ratio Lower Upper

266 100

264 67.4 56.0 84.0

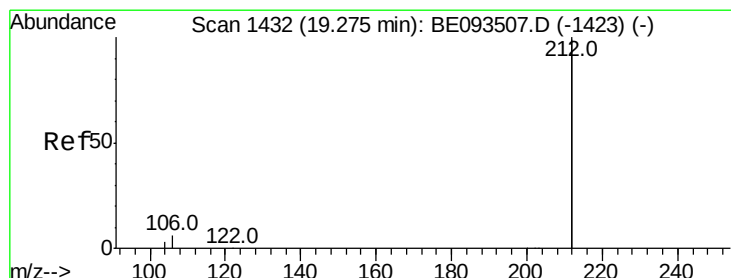
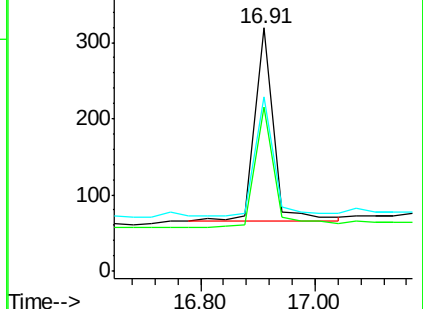
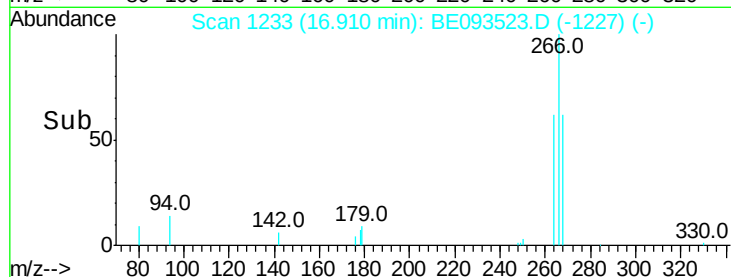
268 71.8 52.0 78.0



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: 0.348 ng

RT: 19.27 min Scan# 1432

Delta R.T. -0.00 min

Lab File: BE093523.D

Acq: 22 Jul 2017 00:15

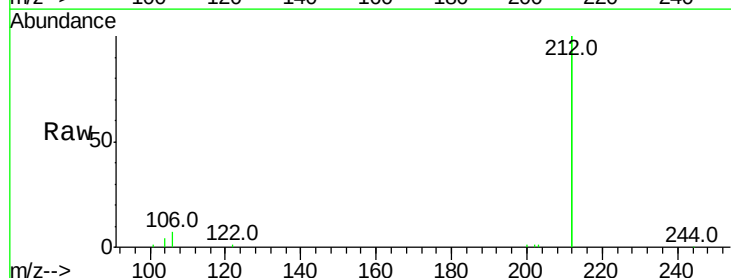
Tgt Ion:212 Resp: 142414

Ion Ratio Lower Upper

212 100

106 3.4 2.4 3.6

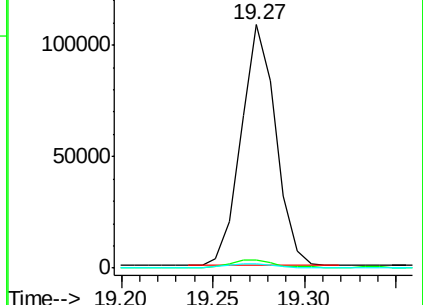
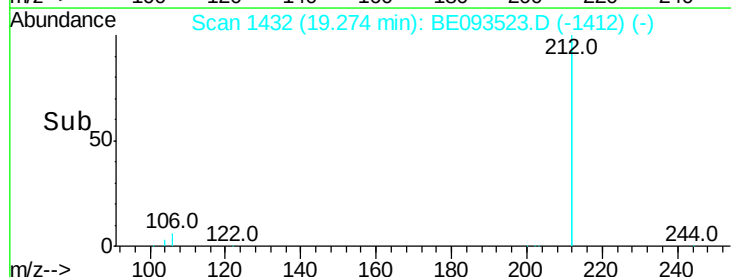
104 1.8 1.6 2.4

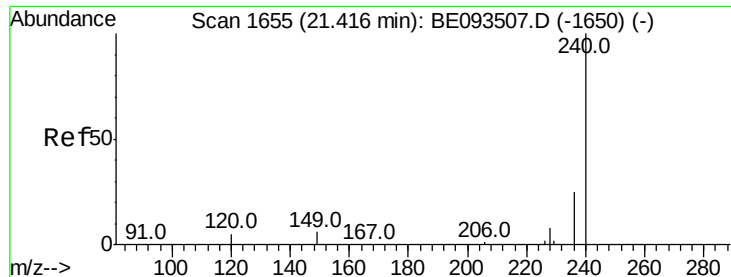


Abundance Ion 212.00 (211.70 to 212.70): E

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: BE093523.D

Acq: 22 Jul 2017 00:15

Instrument :

BNA_E

ClientSampleId :

3570-SPP4-DUP

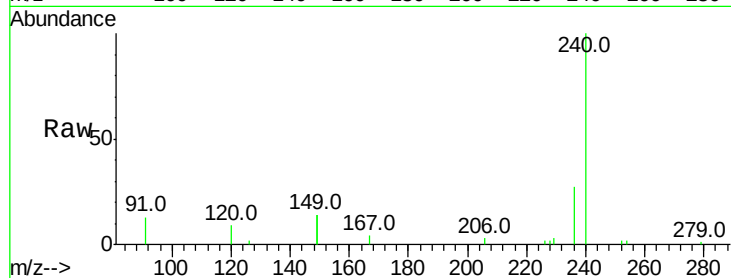
Tot Ion:240 Resp: 36550

Ion Ratio Lower Upper

240 100

120 8.7 4.6 7.0#

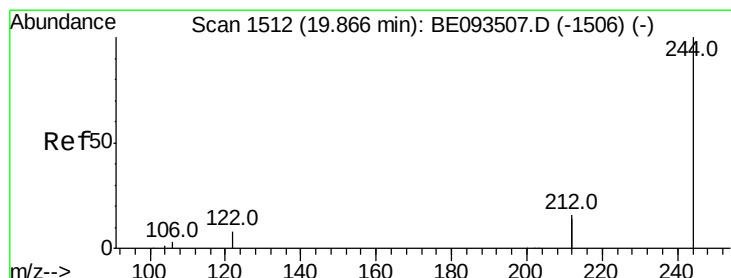
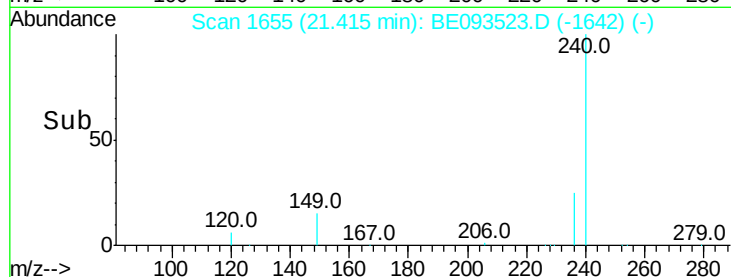
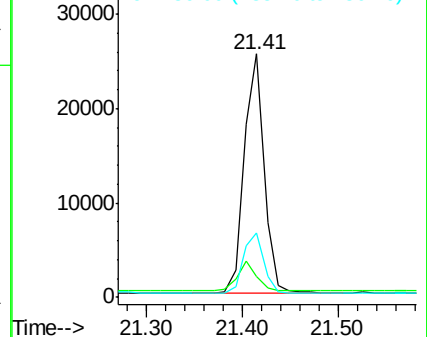
236 26.6 20.8 31.2



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: 0.750 ng

RT: 19.87 min Scan# 1512

Delta R.T. -0.00 min

Lab File: BE093523.D

Acq: 22 Jul 2017 00:15

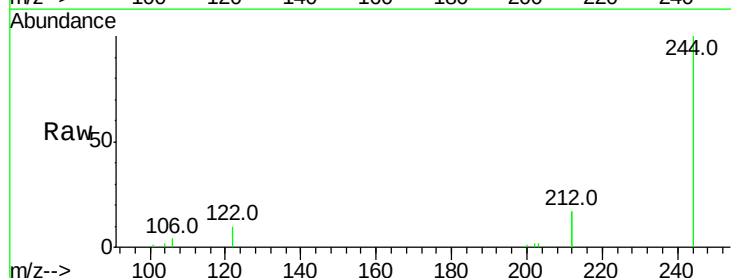
Tgt Ion:244 Resp: 49903

Ion Ratio Lower Upper

244 100

212 34.1 10.6 16.0#

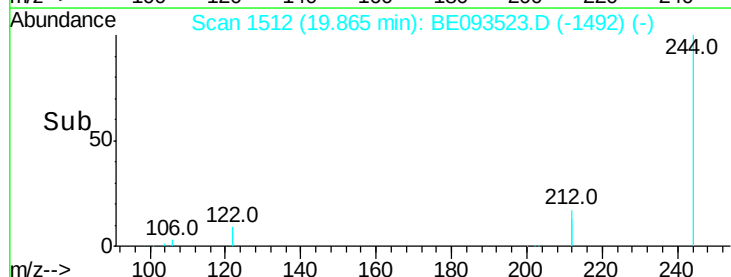
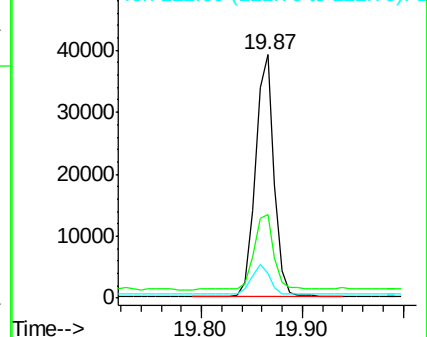
122 10.1 15.4 23.0#

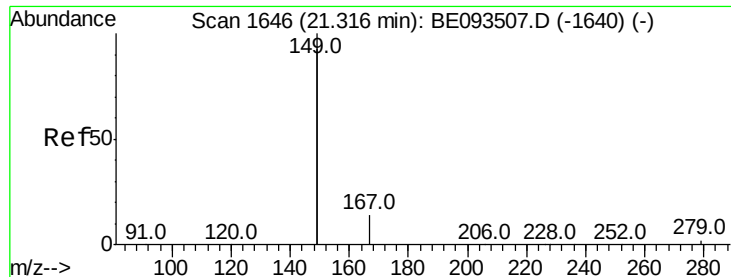


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

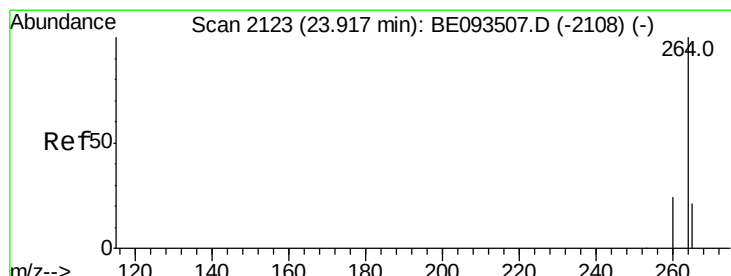
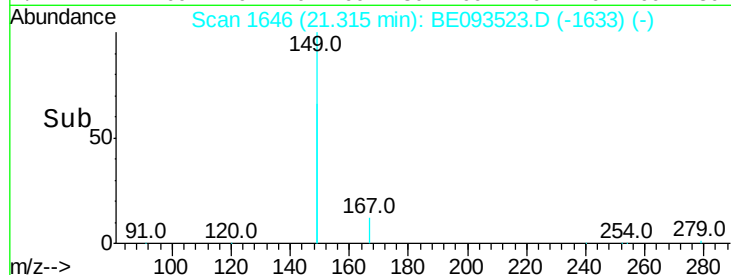
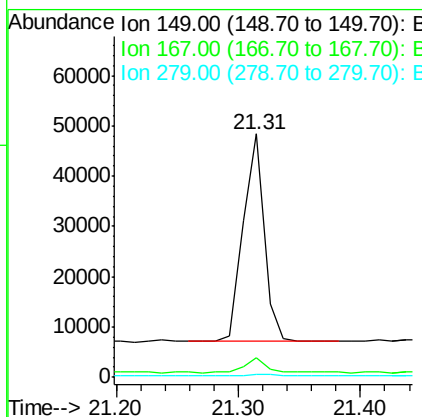
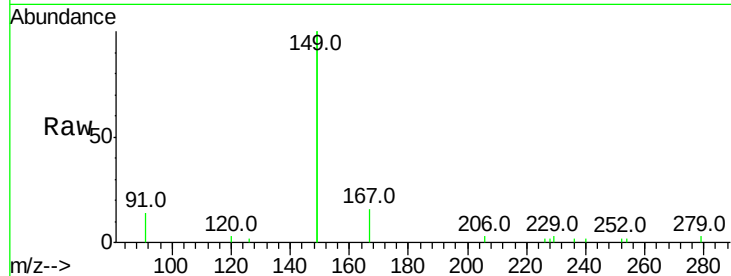




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.208 ng
 RT: 21.31 min Scan# 1646
 Delta R.T. -0.00 min
 Lab File: BE093523.D
 Acq: 22 Jul 2017 00:15

Instrument :
 BNA_E
 ClientSampleId :
 3570-SPP4-DUP

Tot Ion:149 Resp: 50580
 Ion Ratio Lower Upper
 149 100
 167 7.0 4.8 7.2
 279 1.0 0.8 1.2



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.92 min Scan# 2123
 Delta R.T. -0.00 min
 Lab File: BE093523.D
 Acq: 22 Jul 2017 00:15

Tgt Ion:264 Resp: 31068
 Ion Ratio Lower Upper
 264 100
 260 25.6 21.0 31.4
 265 33.2 24.6 36.8

