

Data Path : Z:\HPCHEM1\BNA E\DATA\BE072117\
 Data File : BE093522.D
 Acq On : 21 Jul 2017 23:36
 Operator : SJ/JU
 Sample : I4199-09
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 3569-SPP4

Quant Time: Jul 22 01:57:18 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

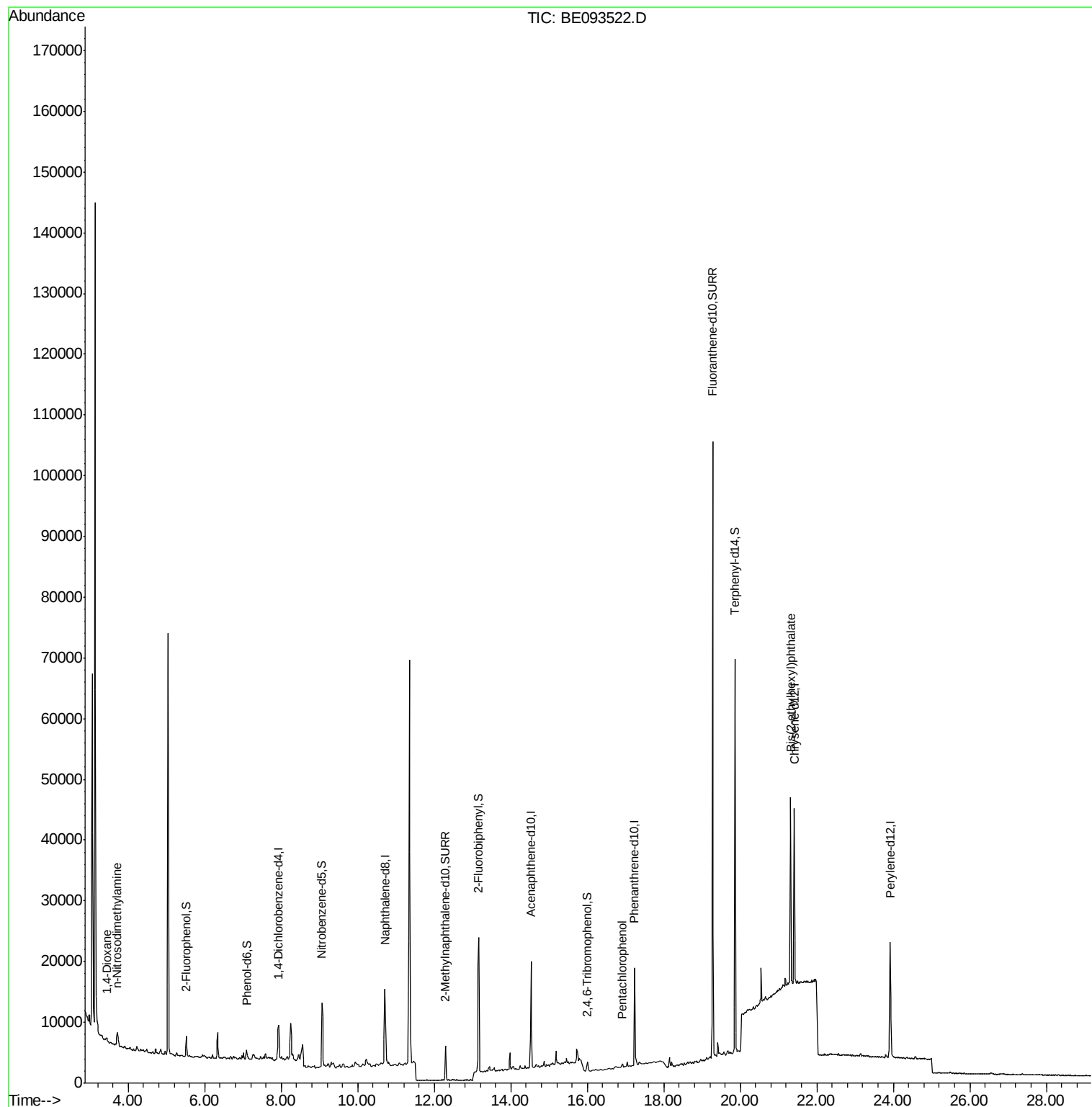
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	2871	0.40	ng	0.00
7) Naphthalene-d8	10.71	136	14509	0.40	ng	0.00
13) Acenaphthene-d10	14.52	164	9730	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	25880	0.40	ng	0.00
27) Chrysene-d12	21.42	240	33584	0.40	ng	0.00
34) Perylene-d12	23.92	264	28703	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.51	112	1677	0.17	ng	0.00
5) Phenol-d6	7.10	99	1621	0.12	ng	0.00
8) Nitrobenzene-d5	9.06	82	4775	0.41	ng	0.00
11) 2-Methylnaphthalene-d10	12.29	152	7801	0.33	ng	0.00
14) 2,4,6-Tribromophenol	16.00	330	1322	0.37	ng	0.00
15) 2-Fluorobiphenyl	13.16	172	23026	0.60	ng	0.00
25) Fluoranthene-d10	19.28	212	128166	0.31	ng	0.00
29) Terphenyl-d14	19.86	244	54529	0.89	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.44	88	468	0.098	ng	Qvalue # 14
3) n-Nitrosodimethylamine	3.71	42	693	0.147	ng	# 1
22) Pentachlorophenol	16.91	266	622	0.269	ng	94
32) Bis(2-ethylhexyl)phthalate	21.32	149	38713	0.172	ng	98

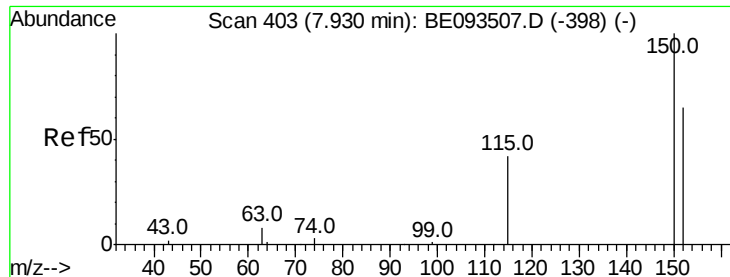
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE093522.D

Acq: 21 Jul 2017 23:36

Instrument :

BNA_E

ClientSampleId :

3569-SPP4

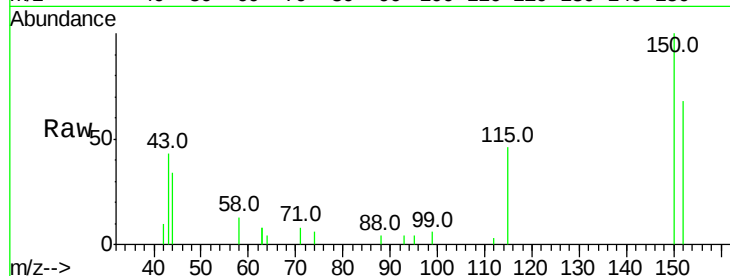
Tot Ion:152 Resp: 2871

Ion Ratio Lower Upper

152 100

150 147.9 125.1 187.7

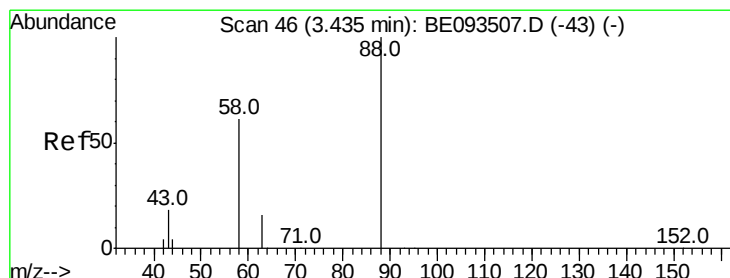
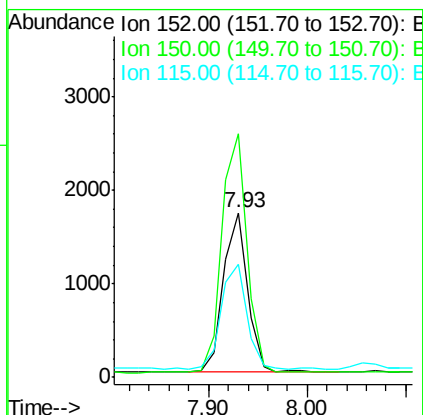
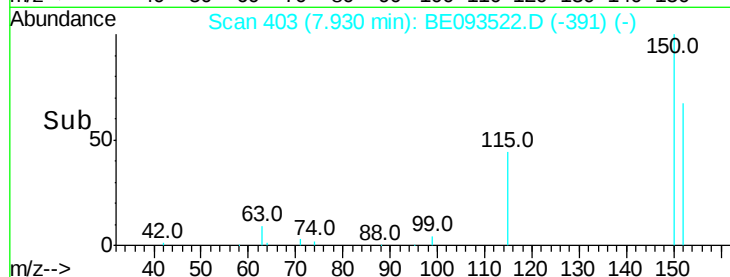
115 68.4 55.7 83.5



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: 0.098 ng

RT: 3.44 min Scan# 46

Delta R.T. 0.00 min

Lab File: BE093522.D

Acq: 21 Jul 2017 23:36

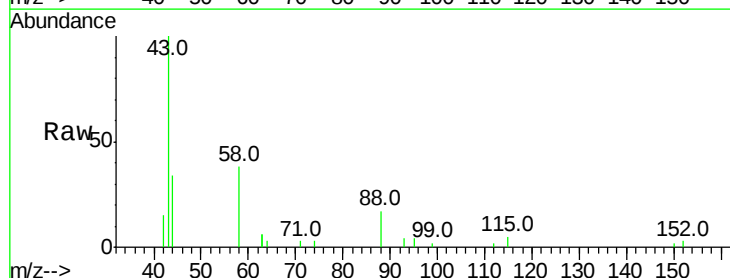
Tgt Ion: 88 Resp: 468

Ion Ratio Lower Upper

88 100

58 162.6 62.2 93.4#

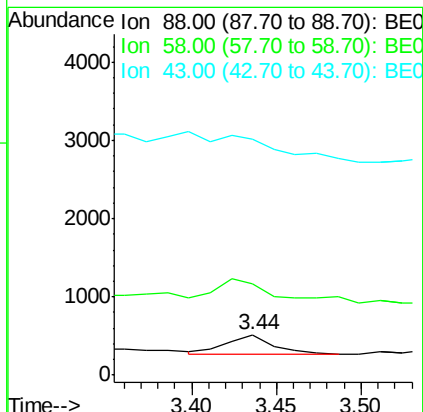
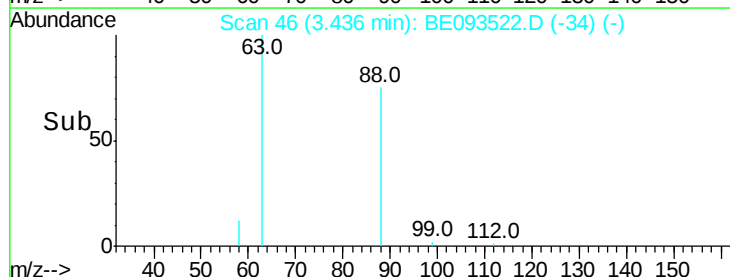
43 0.0 23.2 34.8#

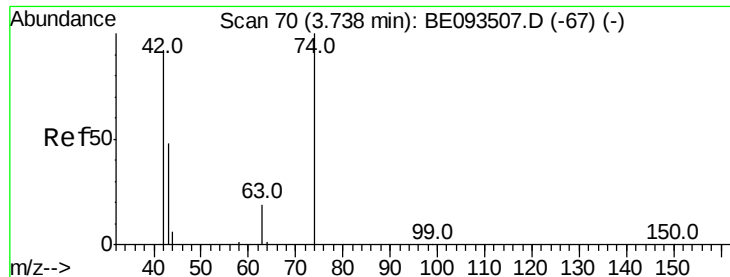


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.147 ng

RT: 3.71 min Scan# 68

Delta R.T. -0.02 min

Lab File: BE093522.D

Acq: 21 Jul 2017 23:36

Instrument :

BNA_E

ClientSampleId :

3569-SPP4

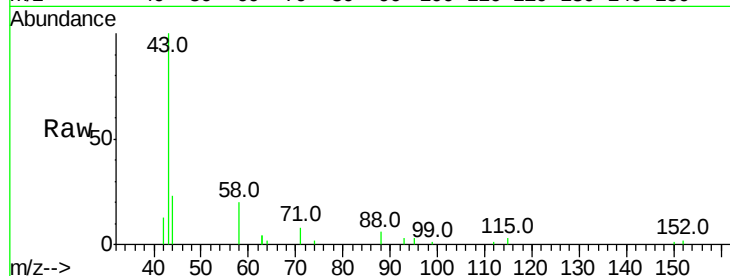
Tot Ion: 42 Resp: 693

Ion Ratio Lower Upper

42 100

74 0.0 99.1 148.7#

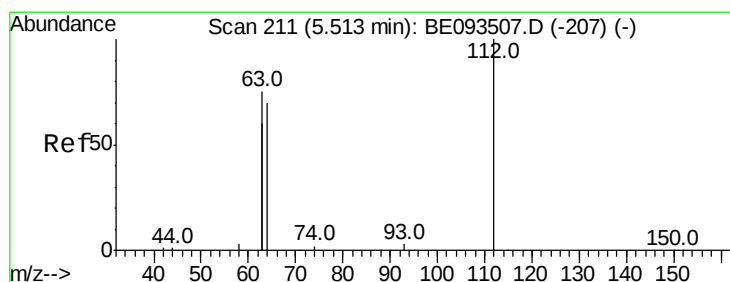
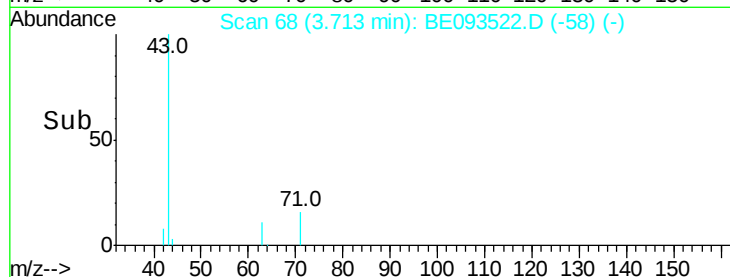
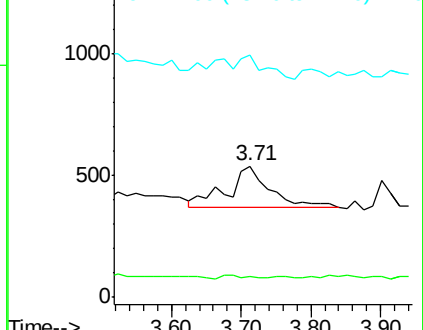
44 34.9 7.4 11.2#



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: 0.168 ng

RT: 5.51 min Scan# 211

Delta R.T. 0.00 min

Lab File: BE093522.D

Acq: 21 Jul 2017 23:36

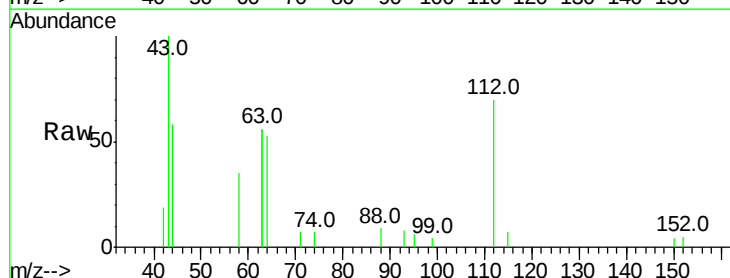
Tgt Ion: 112 Resp: 1677

Ion Ratio Lower Upper

112 100

64 67.6 56.4 84.6

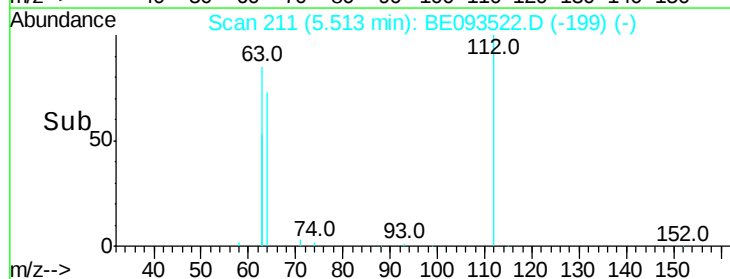
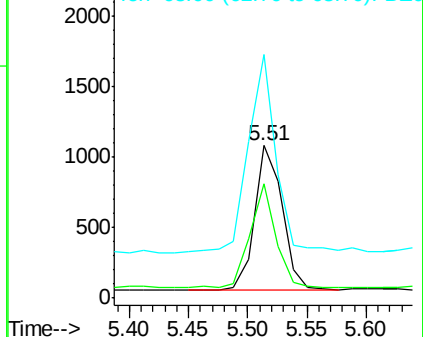
63 140.4 29.3 43.9#

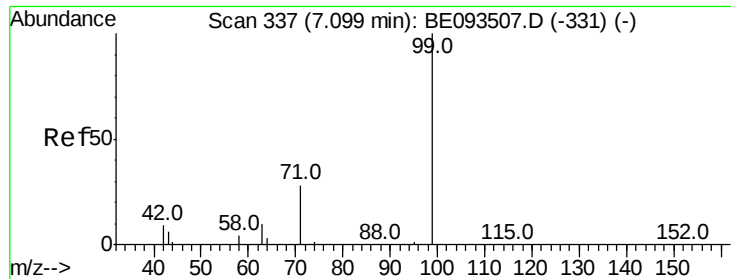


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.116 ng

RT: 7.10 min Scan# 337

Delta R.T. 0.00 min

Lab File: BE093522.D

Acq: 21 Jul 2017 23:36

Instrument :

BNA_E

ClientSampled :

3569-SPP4

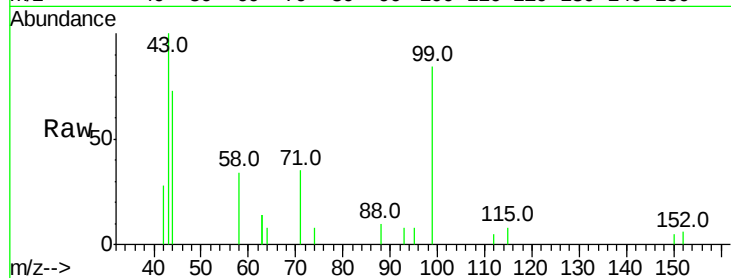
Tot Ion: 99 Resp: 1621

Ion Ratio Lower Upper

99 100

42 20.0 0.0 0.0#

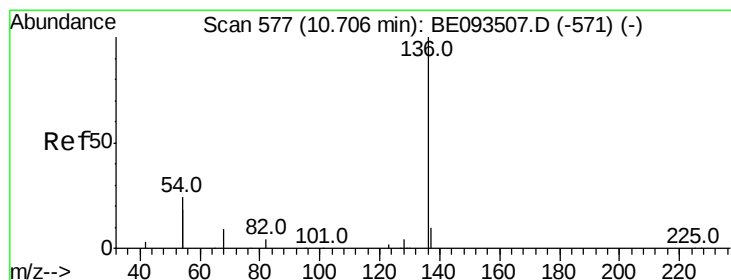
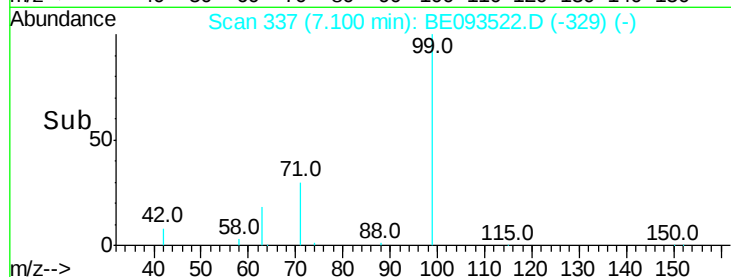
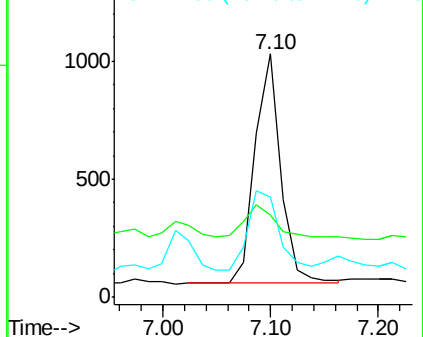
71 41.8 0.0 0.0#



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: BE093522.D

Acq: 21 Jul 2017 23:36

Tgt Ion: 136 Resp: 14509

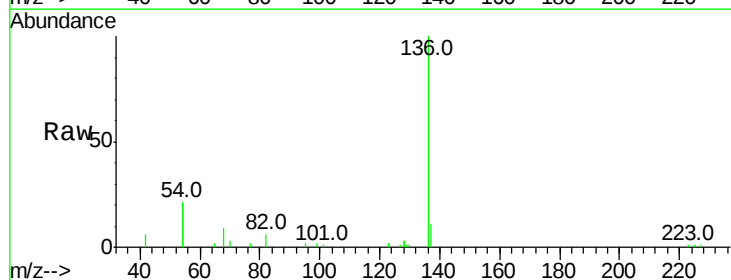
Ion Ratio Lower Upper

136 100

137 11.0 9.8 14.8

54 41.5 10.3 15.5#

68 8.8 9.0 13.4#

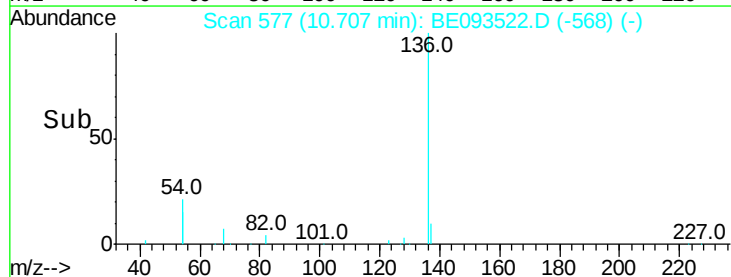
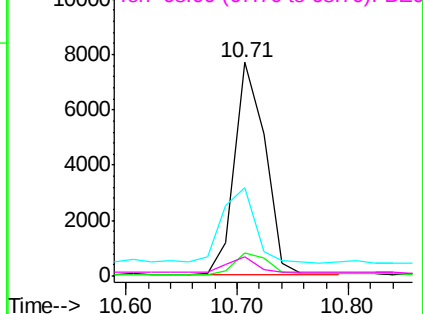


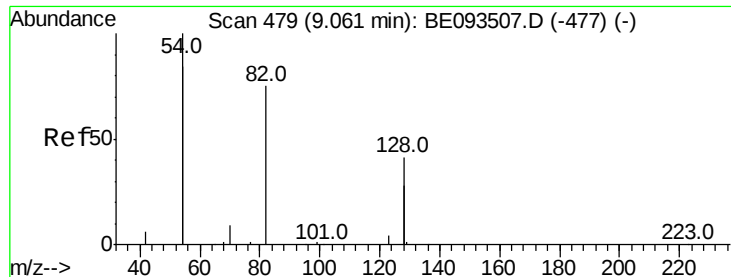
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.414 ng

RT: 9.06 min Scan# 479

Delta R.T. 0.00 min

Lab File: BE093522.D

Acq: 21 Jul 2017 23:36

Instrument :

BNA_E

ClientSampleId :

3569-SPP4

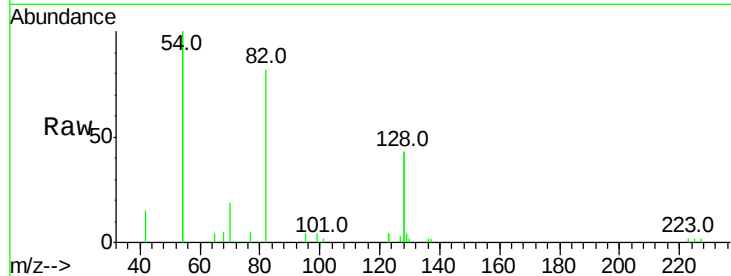
Tot Ion: 82 Resp: 4775

Ion Ratio Lower Upper

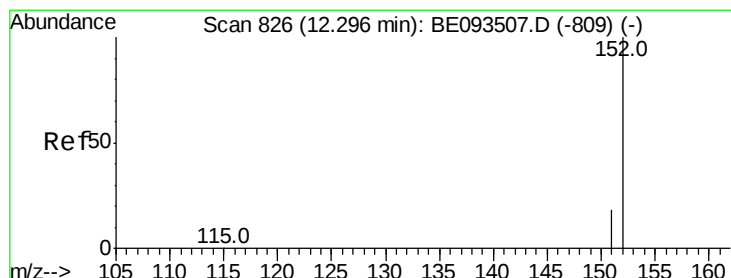
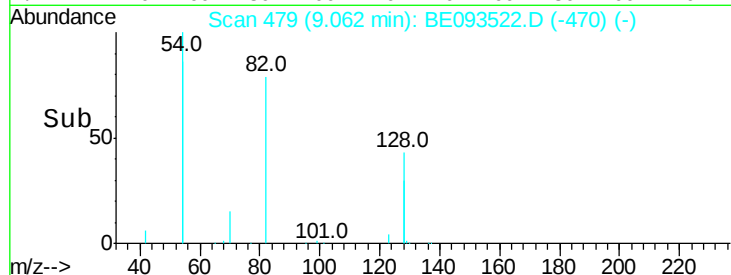
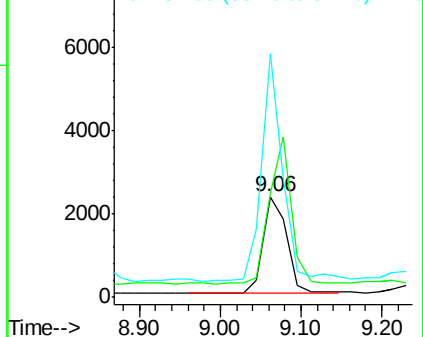
82 100

128 103.4 17.0 25.4#

54 242.5 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: 0.333 ng

RT: 12.29 min Scan# 825

Delta R.T. -0.00 min

Lab File: BE093522.D

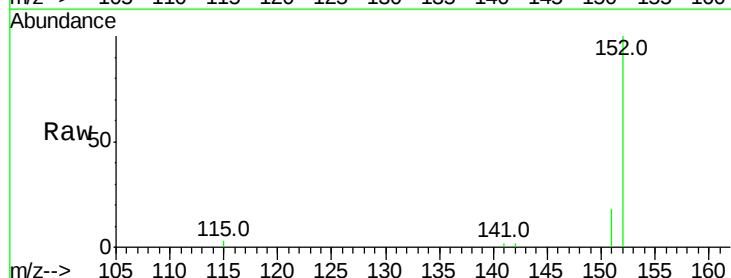
Acq: 21 Jul 2017 23:36

Tgt Ion: 152 Resp: 7801

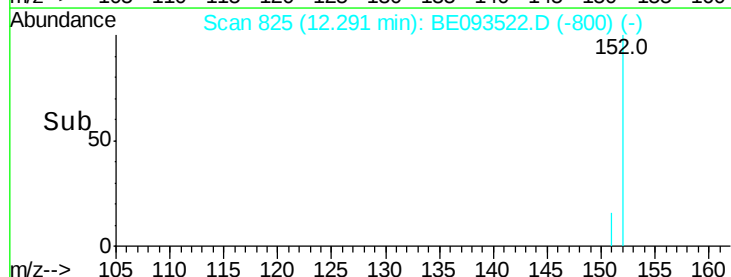
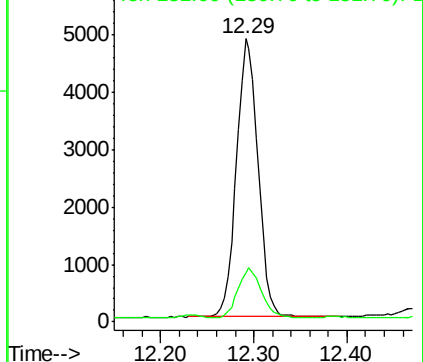
Ion Ratio Lower Upper

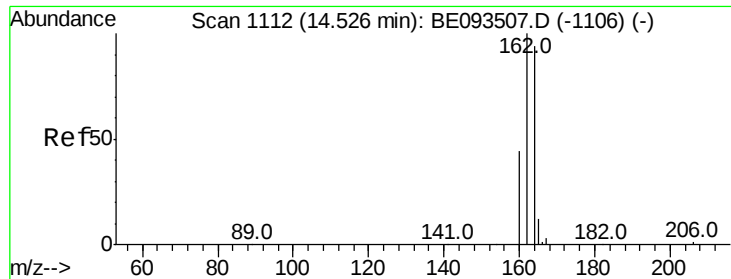
152 100

151 19.4 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): BE
Ion 151.00 (150.70 to 151.70): BE

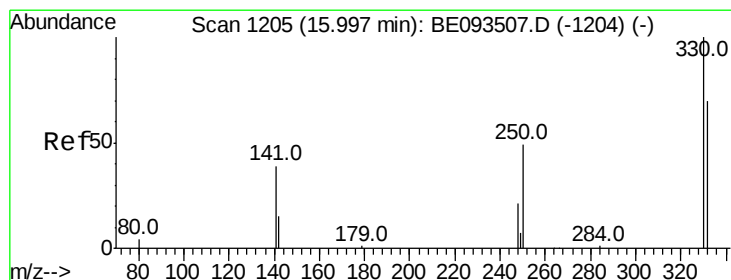
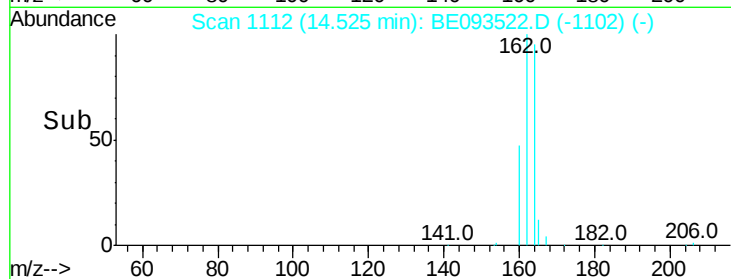
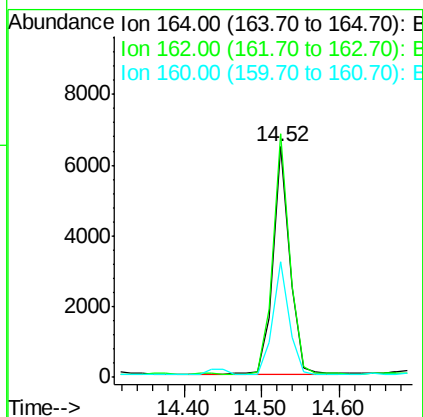
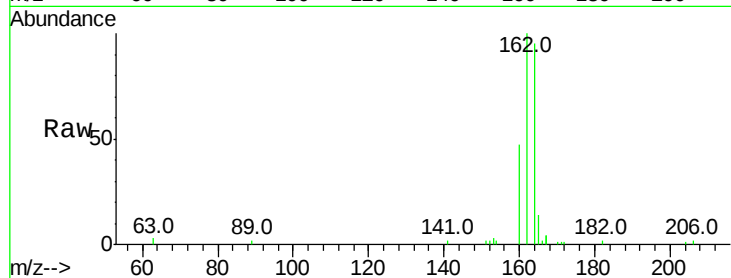




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.52 min Scan# 1112
Delta R.T. -0.00 min
Lab File: BE093522.D
Acq: 21 Jul 2017 23:36

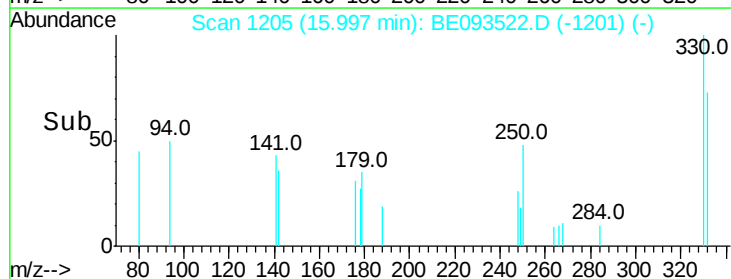
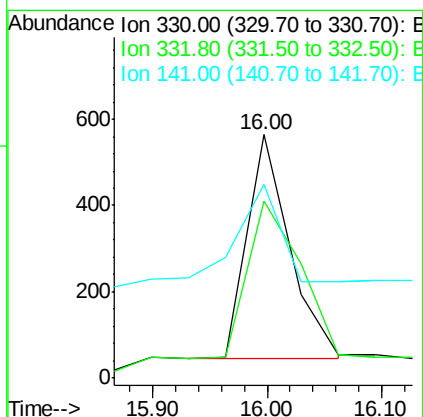
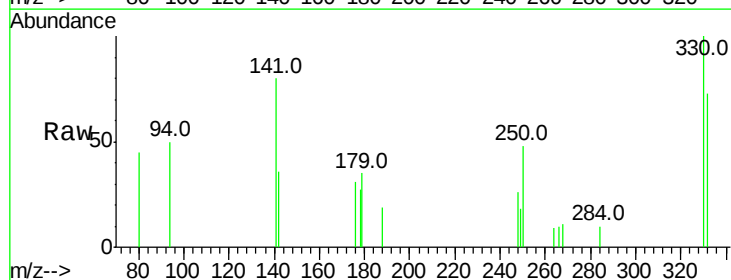
Instrument :
BNA_E
ClientSampleId :
3569-SPP4

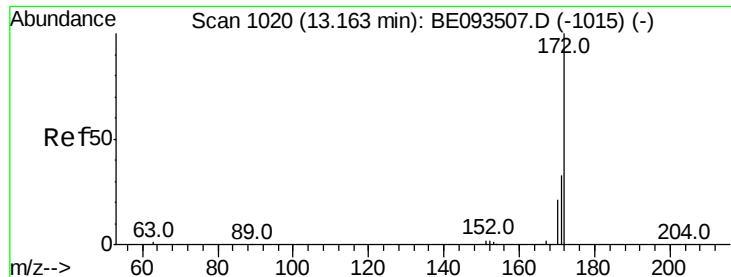
Tot Ion:164 Resp: 9730
Ion Ratio Lower Upper
164 100
162 105.5 84.6 127.0
160 50.1 41.8 62.6



#14
2,4,6-Tribromophenol
Concen: 0.374 ng
RT: 16.00 min Scan# 1205
Delta R.T. -0.00 min
Lab File: BE093522.D
Acq: 21 Jul 2017 23:36

Tgt Ion:330 Resp: 1322
Ion Ratio Lower Upper
330 100
332 87.3 77.7 116.5
141 42.6 56.2 84.4#

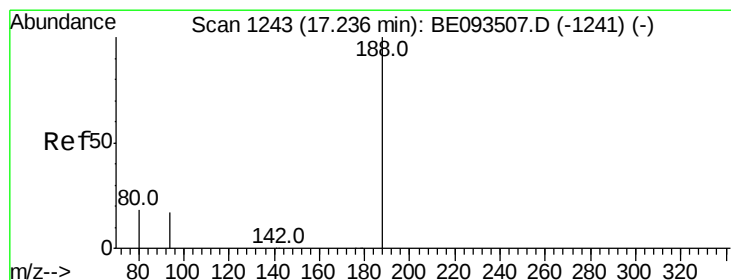
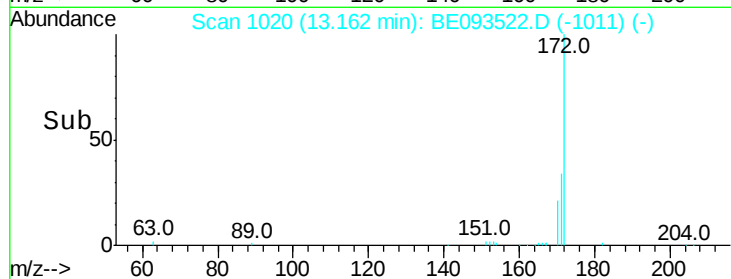
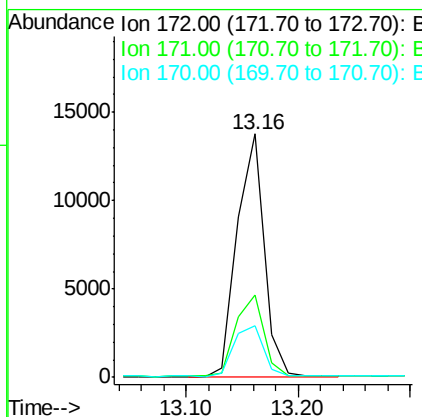
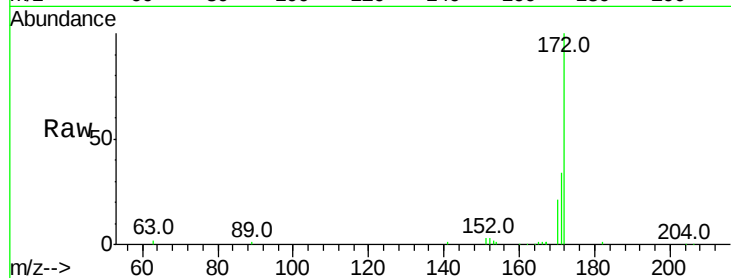




#15
2-Fluorobiphenyl
Concen: 0.601 ng
RT: 13.16 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BE093522.D
Acq: 21 Jul 2017 23:36

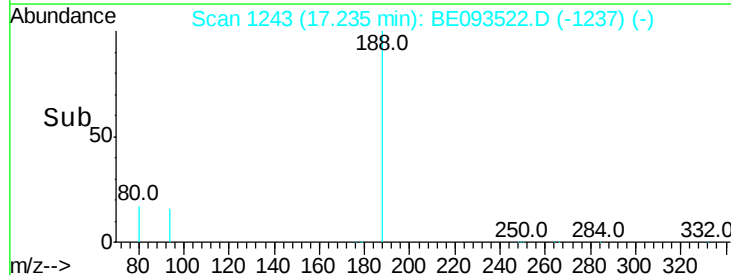
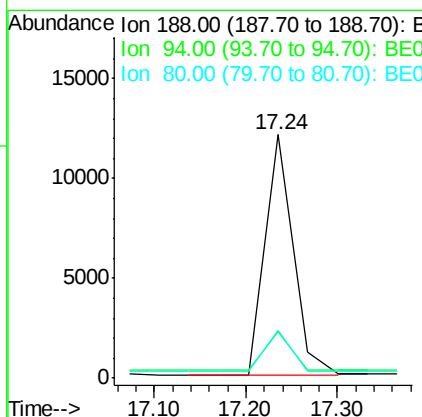
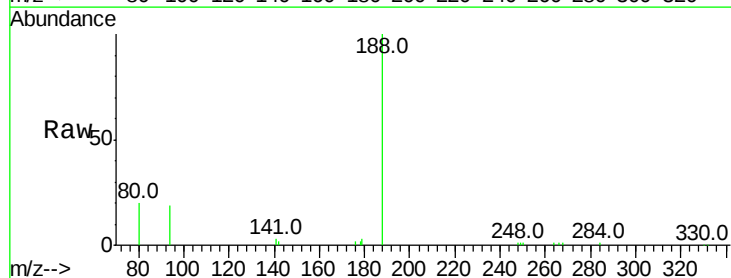
Instrument :
BNA_E
ClientSampleId :
3569-SPP4

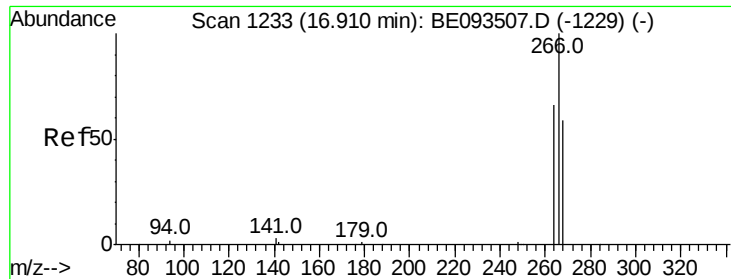
Tot Ion:172 Resp: 23026
Ion Ratio Lower Upper
172 100
171 33.9 29.8 44.6
170 21.1 20.7 31.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.24 min Scan# 1243
Delta R.T. -0.00 min
Lab File: BE093522.D
Acq: 21 Jul 2017 23:36

Tgt Ion:188 Resp: 25880
Ion Ratio Lower Upper
188 100
94 18.9 11.3 16.9#
80 19.7 11.7 17.5#

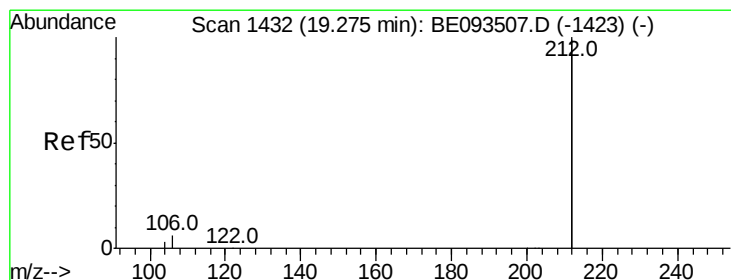
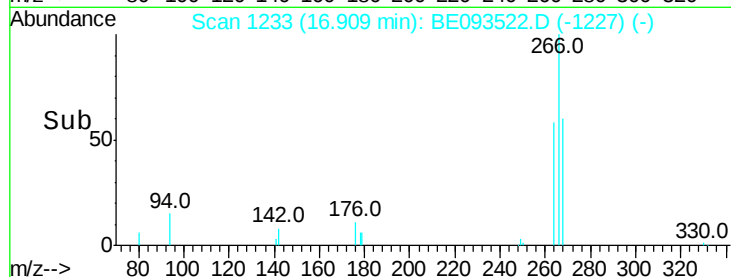
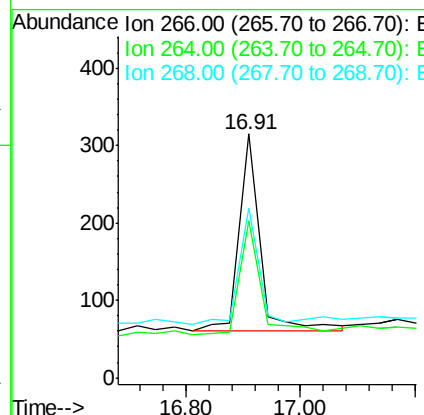
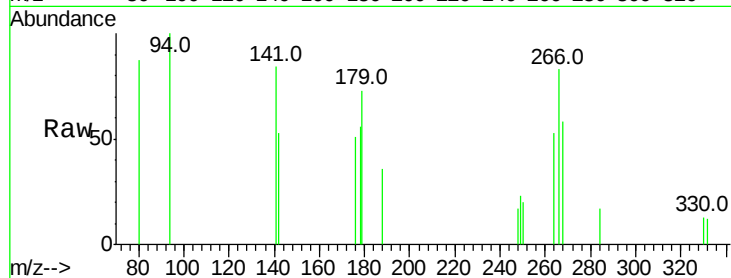




#22
 Pentachlorophenol
 Concen: 0.269 ng
 RT: 16.91 min Scan# 1233
 Delta R.T. -0.00 min
 Lab File: BE093522.D
 Acq: 21 Jul 2017 23:36

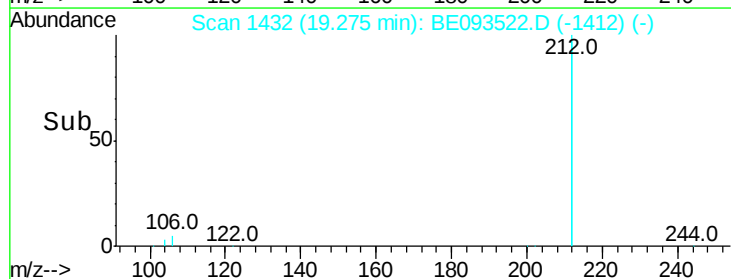
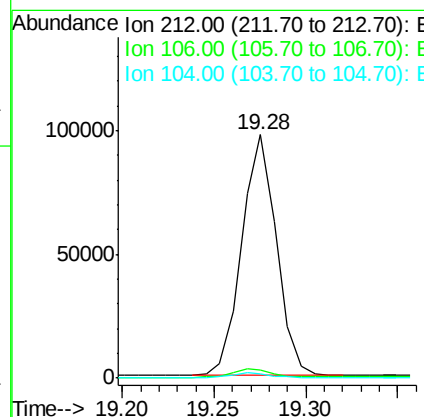
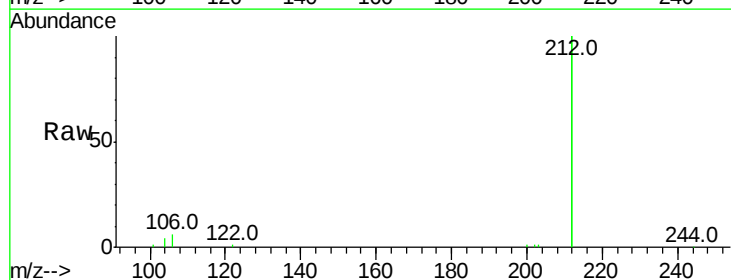
Instrument :
 BNA_E
 ClientSampled :
 3569-SPP4

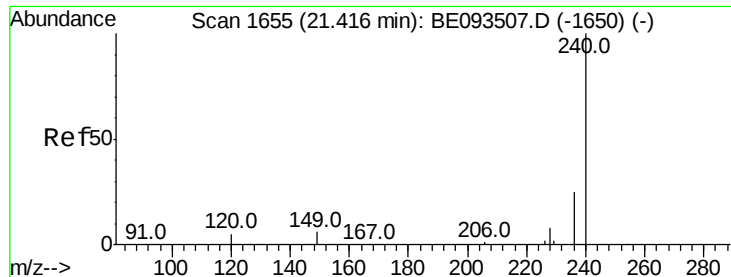
Tot Ion:266 Resp: 622
 Ion Ratio Lower Upper
 266 100
 264 64.4 56.0 84.0
 268 69.8 52.0 78.0



#25
 Fluoranthene-d10
 Concen: 0.311 ng
 RT: 19.28 min Scan# 1432
 Delta R.T. 0.00 min
 Lab File: BE093522.D
 Acq: 21 Jul 2017 23:36

Tgt Ion:212 Resp: 128166
 Ion Ratio Lower Upper
 212 100
 106 3.3 2.4 3.6
 104 1.9 1.6 2.4





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.42 min Scan# 1655

Delta R.T. -0.00 min

Lab File: BE093522.D

Acq: 21 Jul 2017 23:36

Instrument :

BNA_E

ClientSampleId :

3569-SPP4

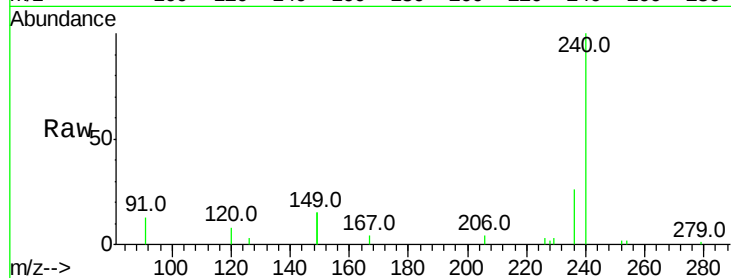
Tot Ion:240 Resp: 33584

Ion Ratio Lower Upper

240 100

120 8.5 4.6 7.0#

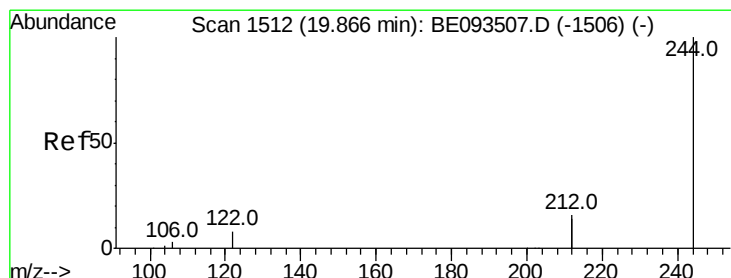
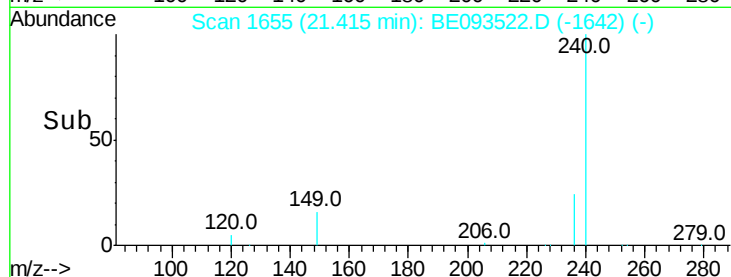
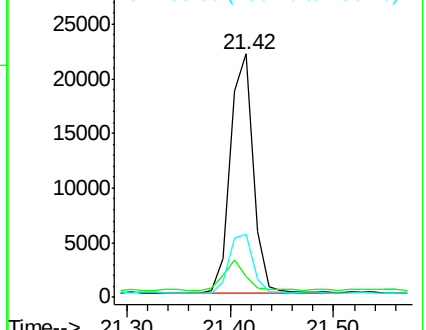
236 26.0 20.8 31.2



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: 0.892 ng

RT: 19.86 min Scan# 1511

Delta R.T. -0.01 min

Lab File: BE093522.D

Acq: 21 Jul 2017 23:36

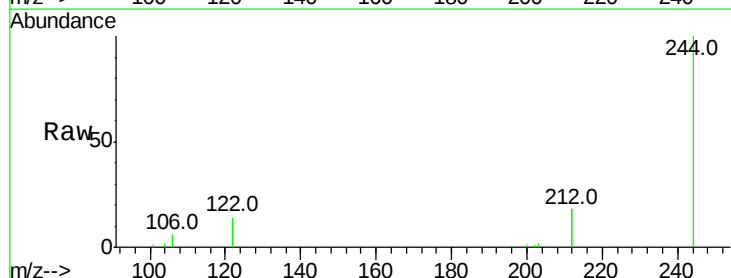
Tgt Ion:244 Resp: 54529

Ion Ratio Lower Upper

244 100

212 36.3 10.6 16.0#

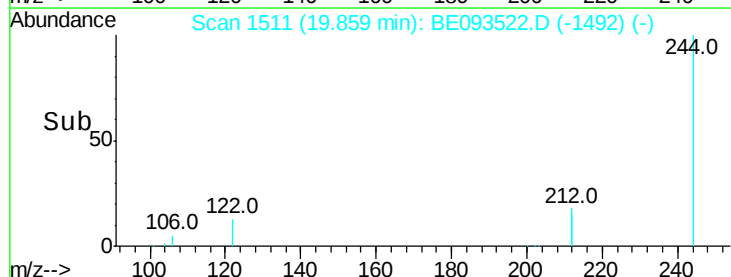
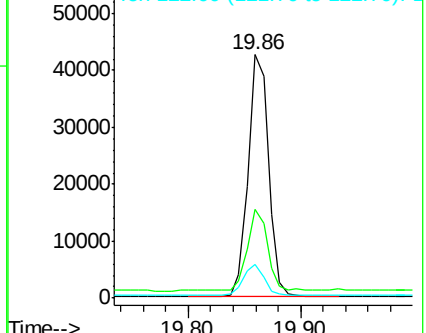
122 13.9 15.4 23.0#

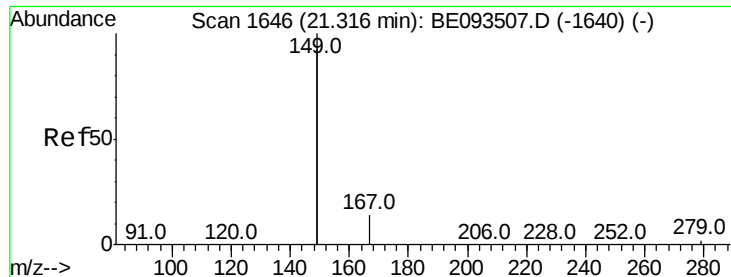


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

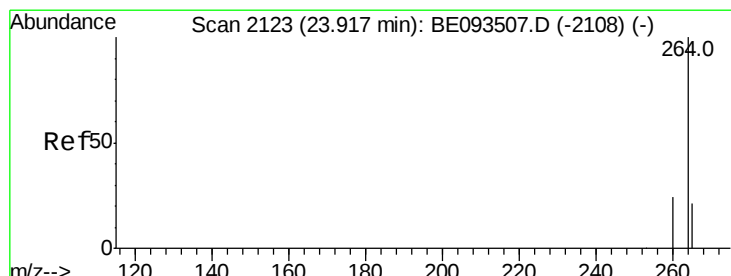
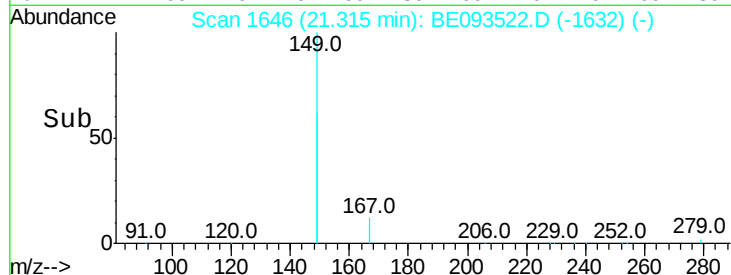
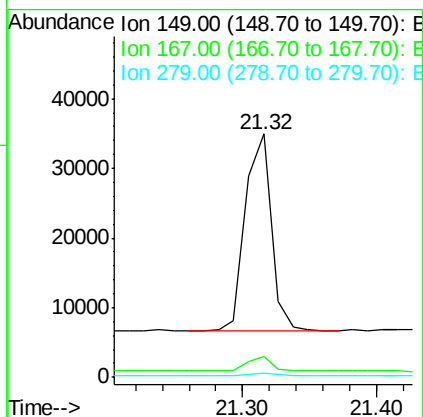
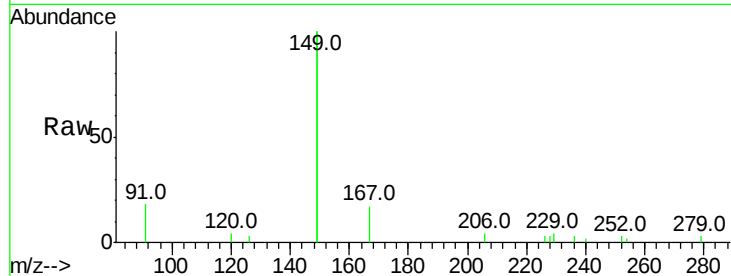




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.172 ng
 RT: 21.32 min Scan# 1646
 Delta R.T. 0.00 min
 Lab File: BE093522.D
 Acq: 21 Jul 2017 23:36

Instrument :
 BNA_E
 ClientSampleId :
 3569-SPP4

Tot Ion:149 Resp: 38713
 Ion Ratio Lower Upper
 149 100
 167 6.9 4.8 7.2
 279 1.1 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: BE093522.D
 Acq: 21 Jul 2017 23:36

Tgt Ion:264 Resp: 28703
 Ion Ratio Lower Upper
 264 100
 260 25.9 21.0 31.4
 265 34.0 24.6 36.8

