

Data Path : Z:\HPCHEM1\BNA E\DATA\BE072117\
 Data File : BE093515.D
 Acq On : 21 Jul 2017 19:17
 Operator : SJ/JU
 Sample : I4199-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 3562-PP2

Quant Time: Jul 22 01:55:13 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

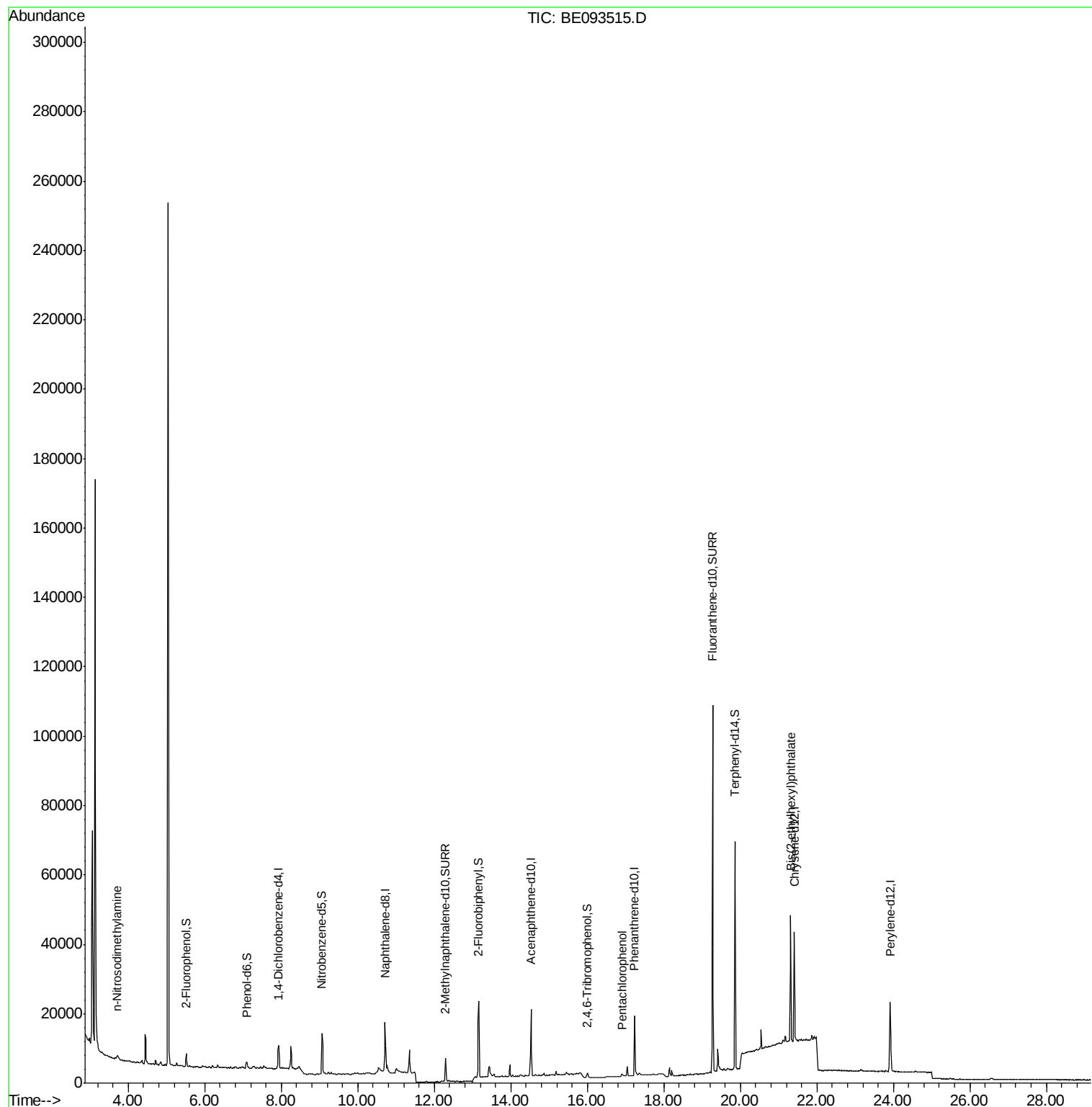
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	3408	0.40	ng	0.00
7) Naphthalene-d8	10.71	136	16658	0.40	ng	0.00
13) Acenaphthene-d10	14.52	164	10599	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	27344	0.40	ng	0.00
27) Chrysene-d12	21.41	240	35315	0.40	ng	0.00
34) Perylene-d12	23.92	264	29870	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.51	112	1851	0.16	ng	0.00
5) Phenol-d6	7.10	99	1852	0.11	ng	0.00
8) Nitrobenzene-d5	9.06	82	5078	0.38	ng	0.00
11) 2-Methylnaphthalene-d10	12.29	152	9523	0.35	ng	0.00
14) 2,4,6-Tribromophenol	16.00	330	1265	0.33	ng	0.00
15) 2-Fluorobiphenyl	13.16	172	22158	0.53	ng	0.00
25) Fluoranthene-d10	19.28	212	140930	0.32	ng	0.00
29) Terphenyl-d14	19.86	244	55669	0.87	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.71	42	387	0.069	ng	Qvalue # 1
22) Pentachlorophenol	16.91	266	739	0.280	ng	95
32) Bis(2-ethylhexyl)phthalate	21.31	149	41698	0.177	ng	98

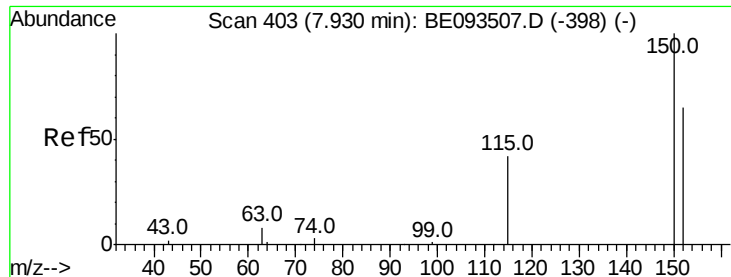
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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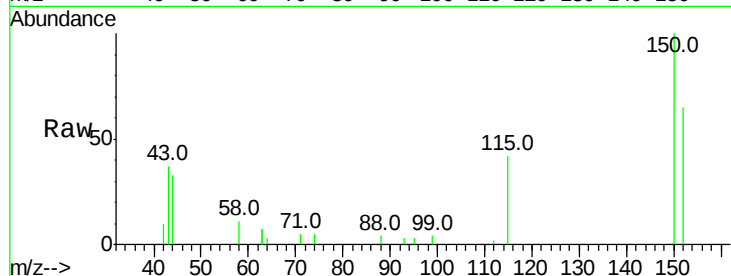


#1

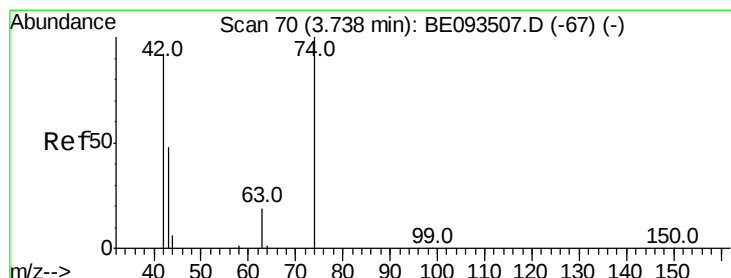
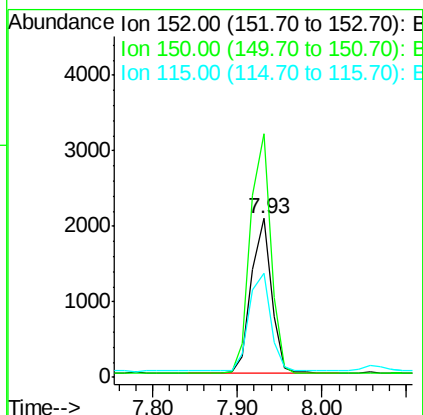
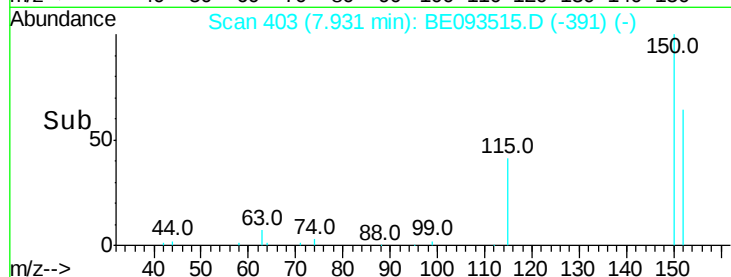
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.93 min Scan# 403
Delta R.T. 0.00 min
Lab File: BE093515.D
Acq: 21 Jul 2017 19:17

Instrument :
BNA_E
ClientSampleId :
3562-PP2

Tot Ion:152 Resp: 3408
Ion Ratio Lower Upper
152 100
150 153.5 125.1 187.7
115 65.2 55.7 83.5



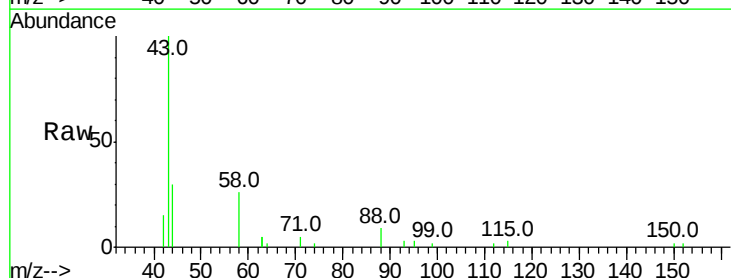
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



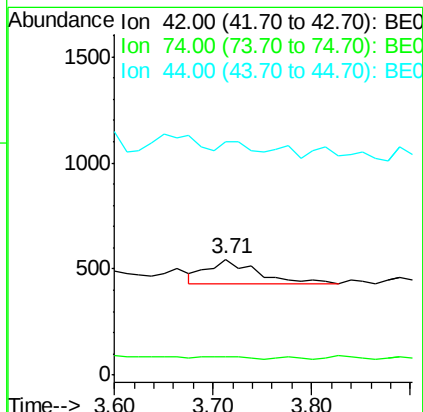
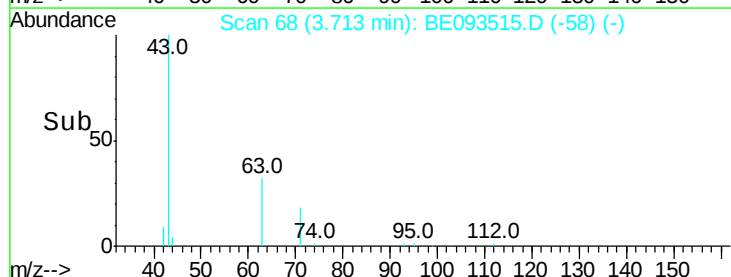
#3

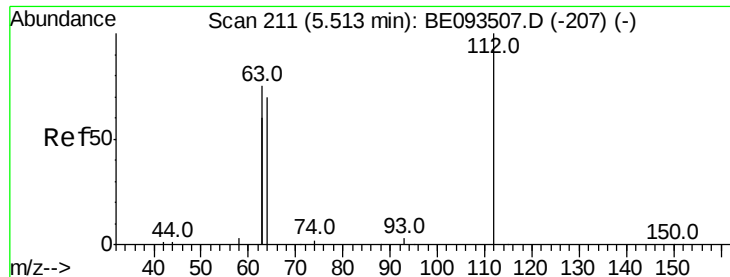
n-Nitrosodimethylamine
Concen: 0.069 ng
RT: 3.71 min Scan# 68
Delta R.T. -0.02 min
Lab File: BE093515.D
Acq: 21 Jul 2017 19:17

Tgt Ion: 42 Resp: 387
Ion Ratio Lower Upper
42 100
74 0.0 99.1 148.7#
44 25.1 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: 0.157 ng

RT: 5.51 min Scan# 211

Delta R.T. 0.00 min

Lab File: BE093515.D

Acq: 21 Jul 2017 19:17

Instrument :

BNA_E

ClientSampleId :

3562-PP2

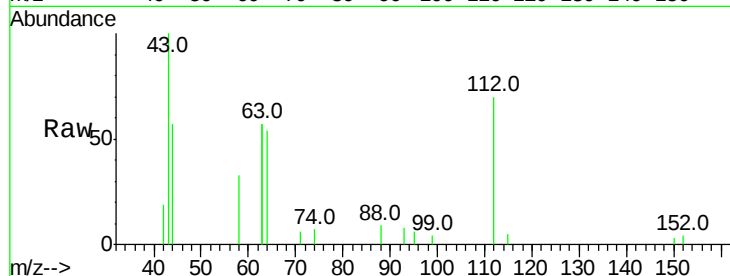
Tot Ion: 112 Resp: 1851

Ion Ratio Lower Upper

112 100

64 72.0 56.4 84.6

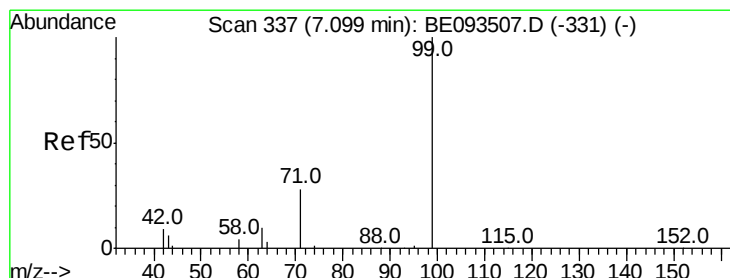
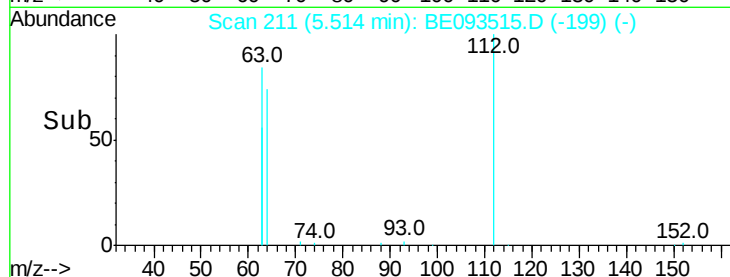
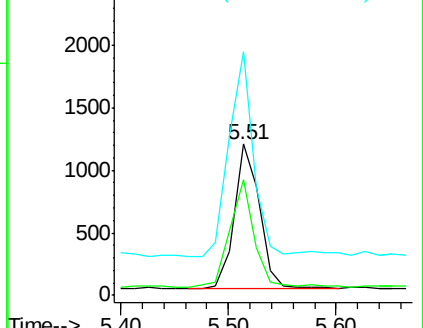
63 138.6 29.3 43.9#



Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



#5

Phenol-d6

Concen: 0.112 ng

RT: 7.10 min Scan# 337

Delta R.T. 0.00 min

Lab File: BE093515.D

Acq: 21 Jul 2017 19:17

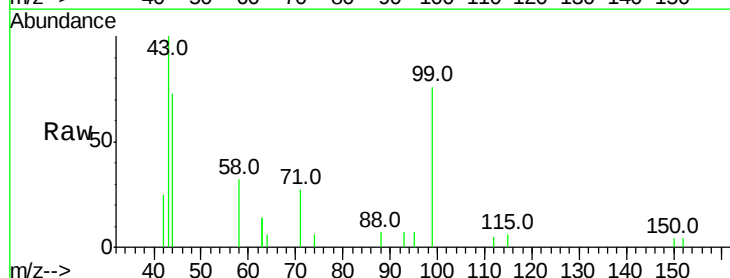
Tgt Ion: 99 Resp: 1852

Ion Ratio Lower Upper

99 100

42 21.4 0.0 0.0#

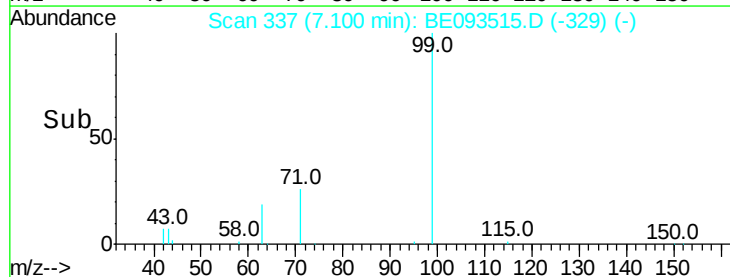
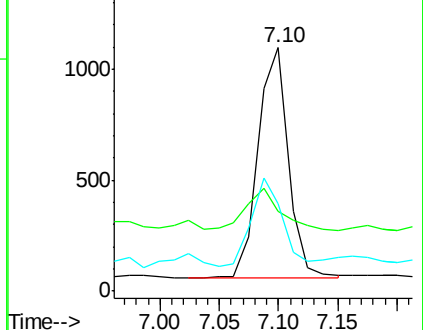
71 41.0 0.0 0.0#

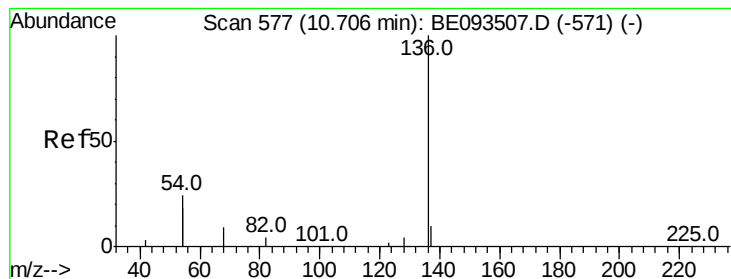


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: BE093515.D

Acq: 21 Jul 2017 19:17

Instrument :

BNA_E

ClientSampleId :

3562-PP2

Tot Ion:136 Resp: 16658

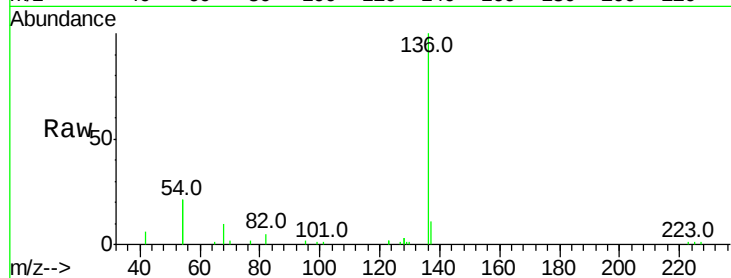
Ion Ratio Lower Upper

136 100

137 11.4 9.8 14.8

54 41.6 10.3 15.5#

68 9.5 9.0 13.4

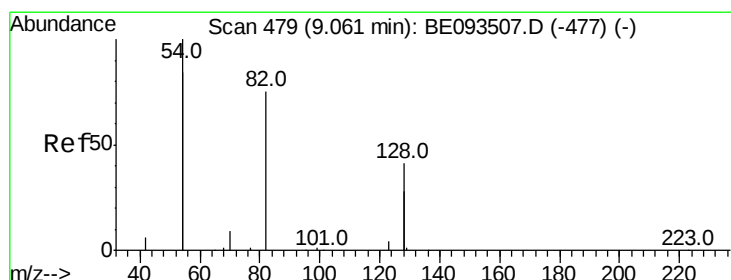
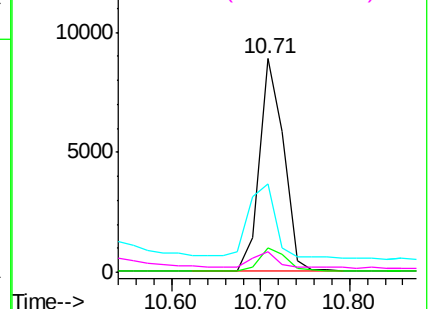
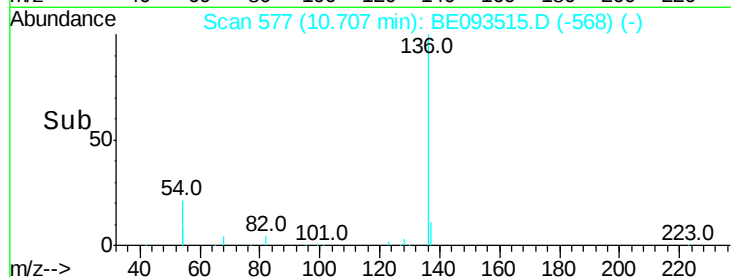


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.384 ng

RT: 9.06 min Scan# 479

Delta R.T. 0.00 min

Lab File: BE093515.D

Acq: 21 Jul 2017 19:17

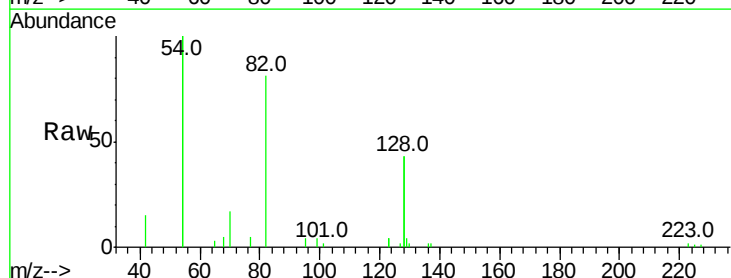
Tgt Ion: 82 Resp: 5078

Ion Ratio Lower Upper

82 100

128 106.1 17.0 25.4#

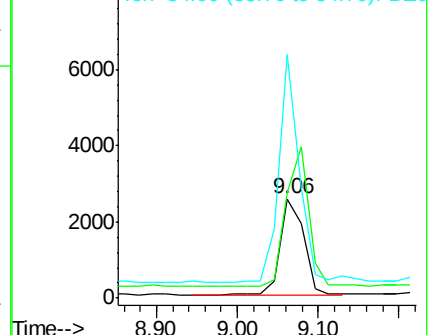
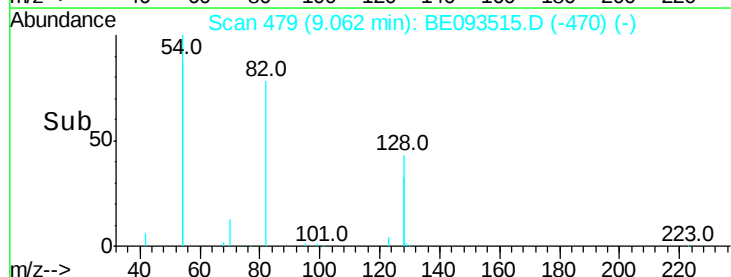
54 245.6 53.8 80.6#

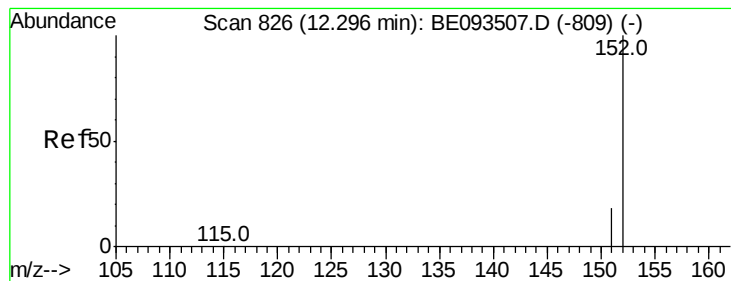


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#11

2-Methylnaphthalene-d10

Concen: 0.354 ng

RT: 12.29 min Scan# 825

Delta R.T. -0.00 min

Lab File: BE093515.D

Acq: 21 Jul 2017 19:17

Instrument :

BNA_E

ClientSampleId :

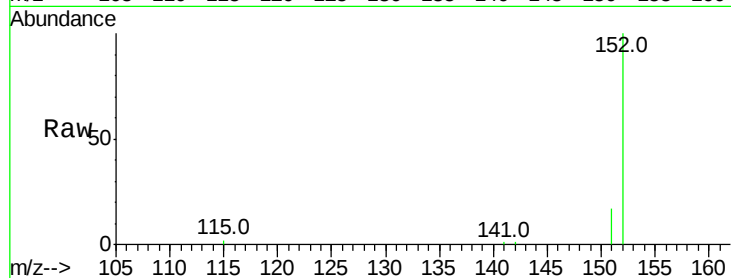
3562-PP2

Tot Ion:152 Resp: 9523

Ion Ratio Lower Upper

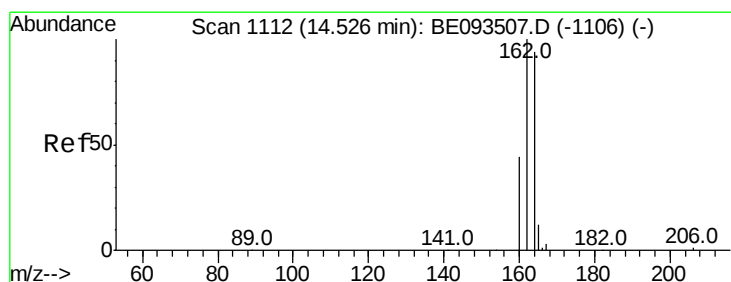
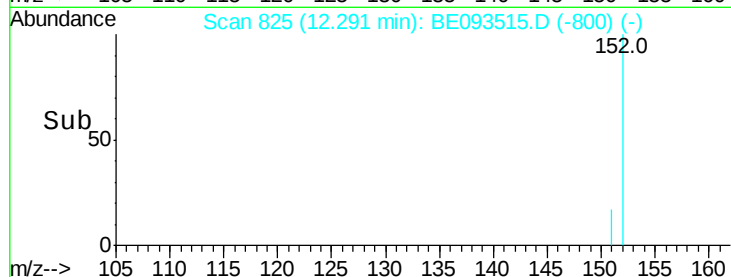
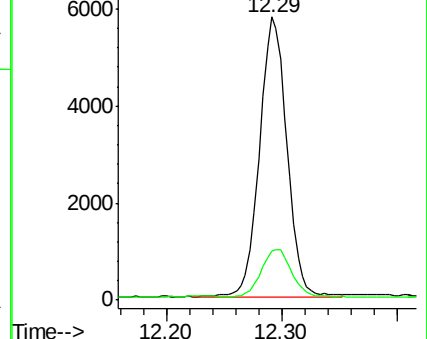
152 100

151 18.5 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: BE093515.D

Acq: 21 Jul 2017 19:17

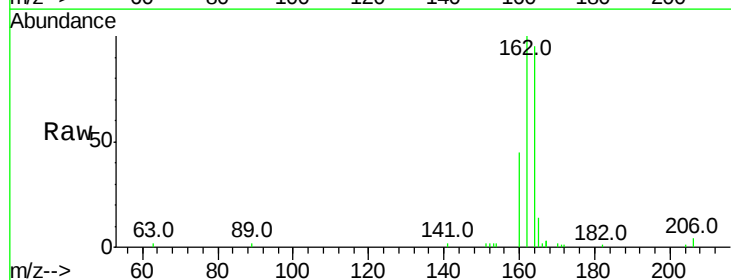
Tgt Ion:164 Resp: 10599

Ion Ratio Lower Upper

164 100

162 104.9 84.6 127.0

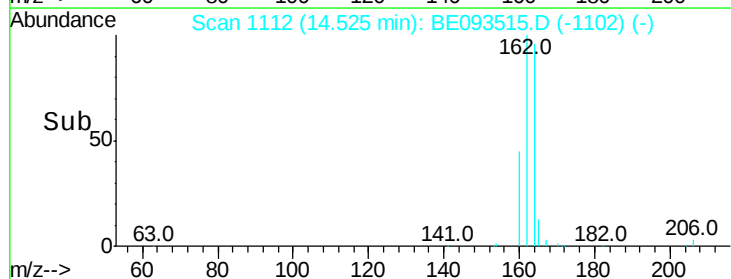
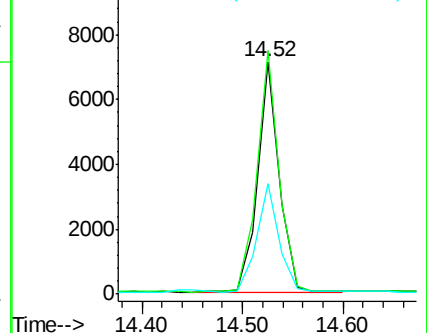
160 47.5 41.8 62.6

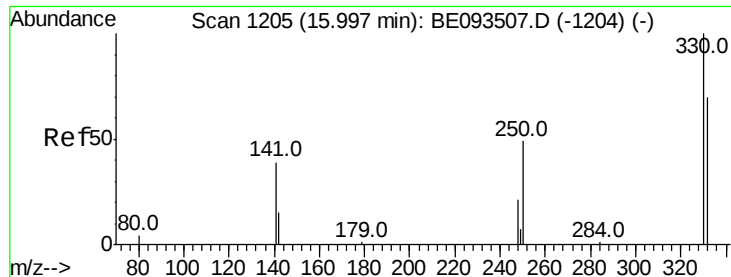


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

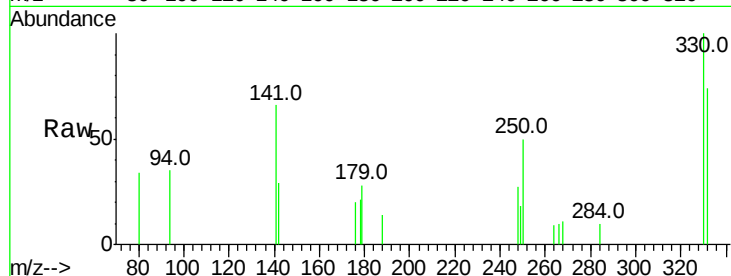




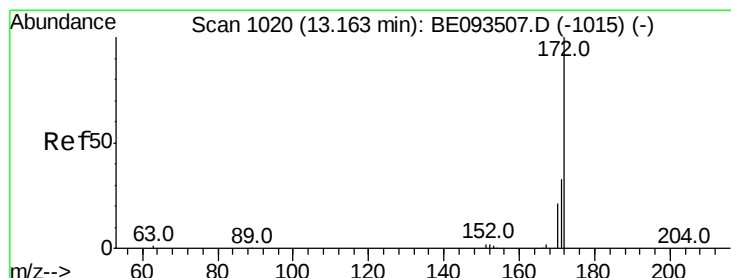
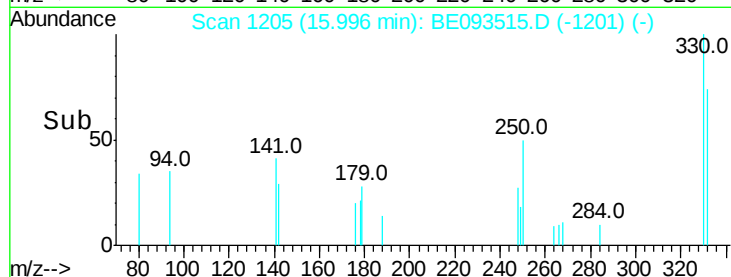
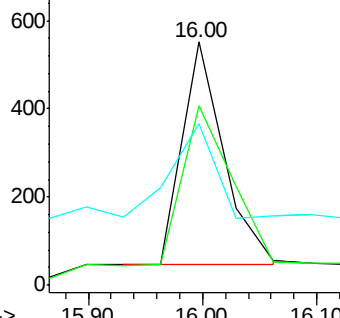
#14
 2,4,6-Tribromophenol
 Concen: 0.328 ng
 RT: 16.00 min Scan# 1205
 Delta R.T. -0.00 min
 Lab File: BE093515.D
 Acq: 21 Jul 2017 19:17

Instrument :
 BNA_E
 ClientSampleId :
 3562-PP2

Tot Ion:330 Resp: 1265
 Ion Ratio Lower Upper
 330 100
 332 85.5 77.7 116.5
 141 44.3 56.2 84.4#

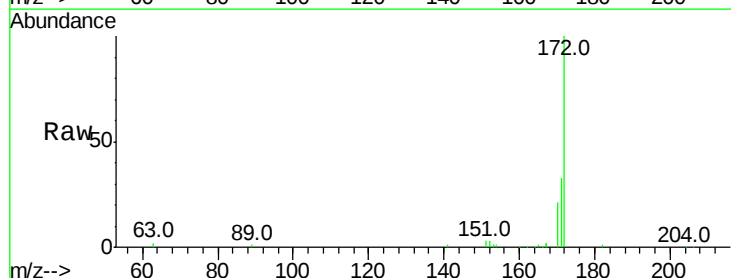


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

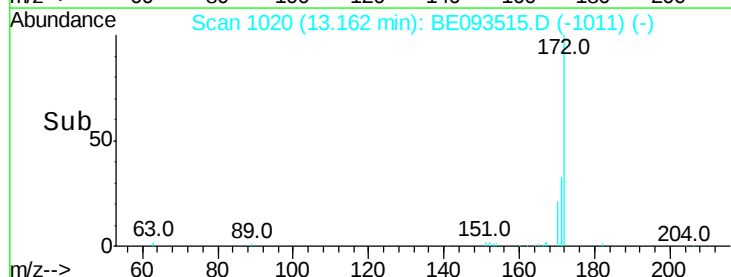
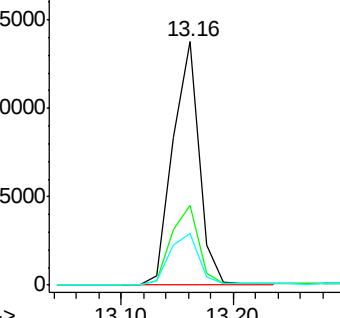


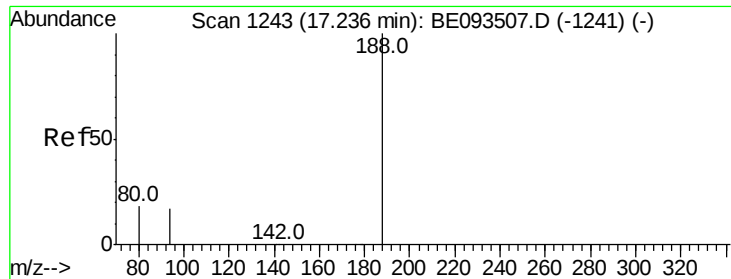
#15
 2-Fluorobiphenyl
 Concen: 0.531 ng
 RT: 13.16 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: BE093515.D
 Acq: 21 Jul 2017 19:17

Tgt Ion:172 Resp: 22158
 Ion Ratio Lower Upper
 172 100
 171 32.6 29.8 44.6
 170 21.5 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: BE093515.D

Acq: 21 Jul 2017 19:17

Instrument :

BNA_E

ClientSampleId :

3562-PP2

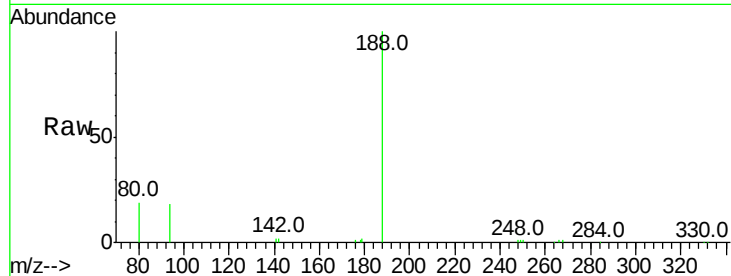
Tot Ion:188 Resp: 27344

Ion Ratio Lower Upper

188 100

94 18.2 11.3 16.9#

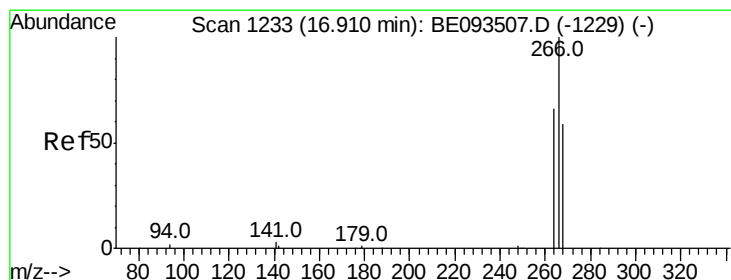
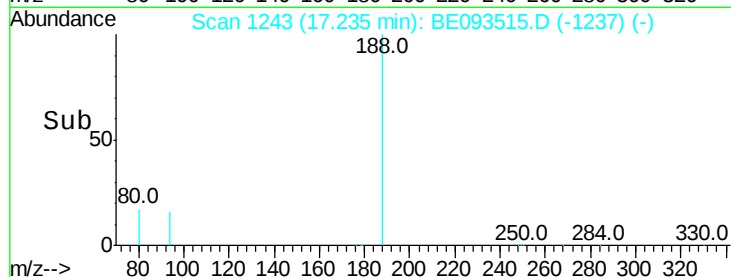
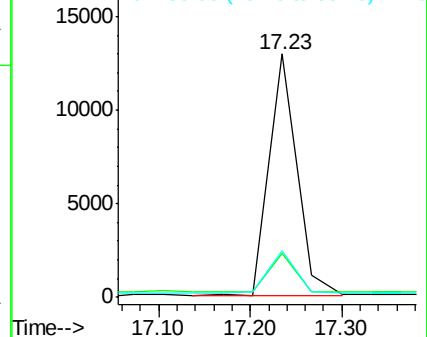
80 19.1 11.7 17.5#



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: 0.280 ng

RT: 16.91 min Scan# 1233

Delta R.T. -0.00 min

Lab File: BE093515.D

Acq: 21 Jul 2017 19:17

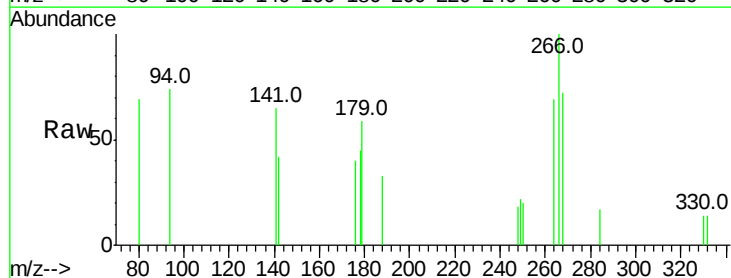
Tgt Ion:266 Resp: 739

Ion Ratio Lower Upper

266 100

264 69.1 56.0 84.0

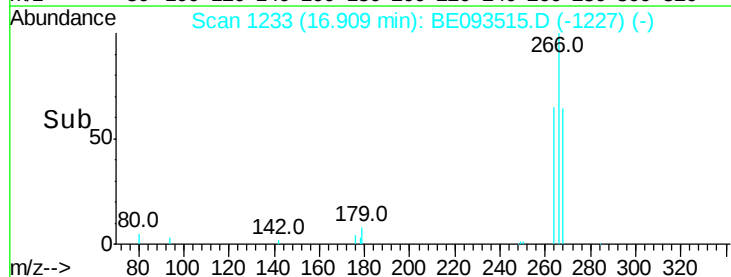
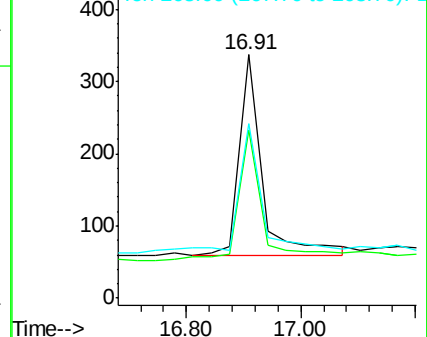
268 71.5 52.0 78.0

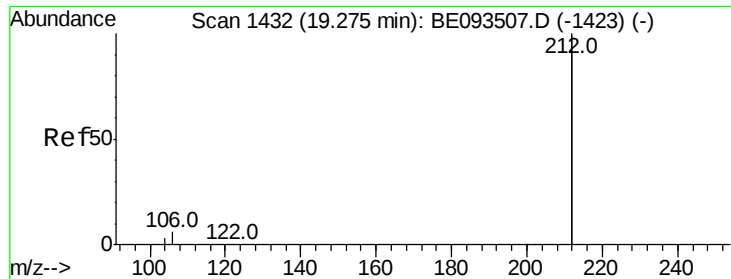


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

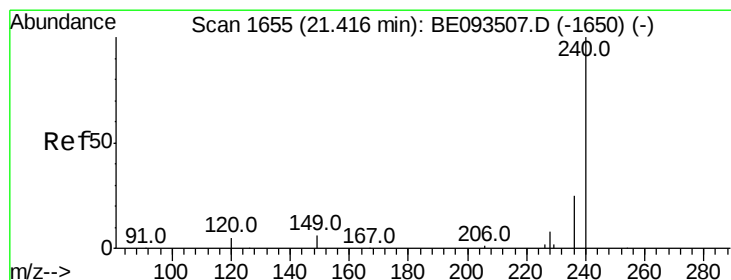
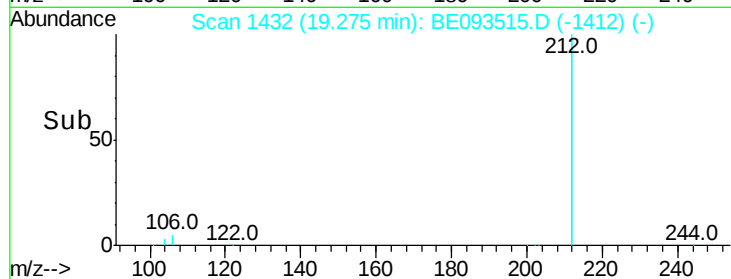
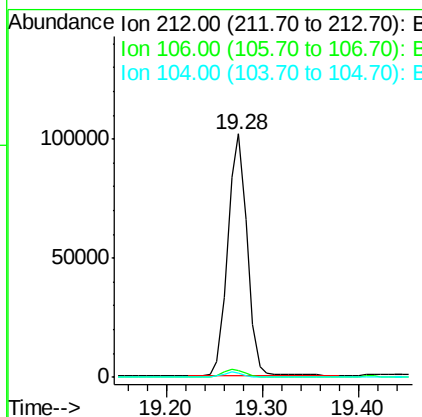
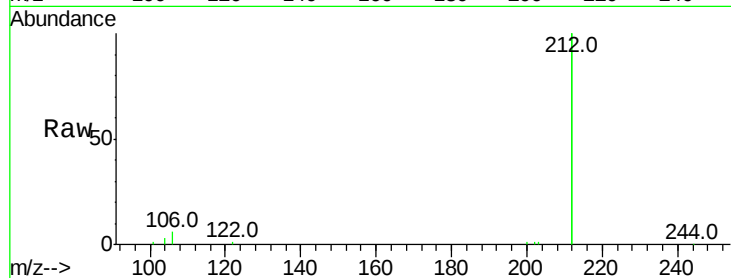




#25
 Fluoranthene-d10
 Concen: 0.324 ng
 RT: 19.28 min Scan# 1432
 Delta R.T. 0.00 min
 Lab File: BE093515.D
 Acq: 21 Jul 2017 19:17

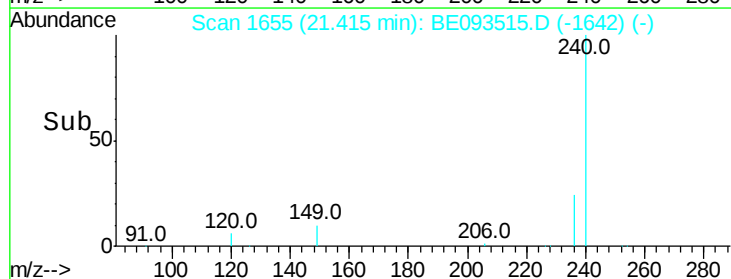
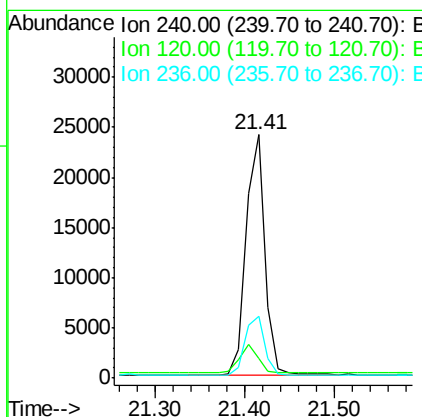
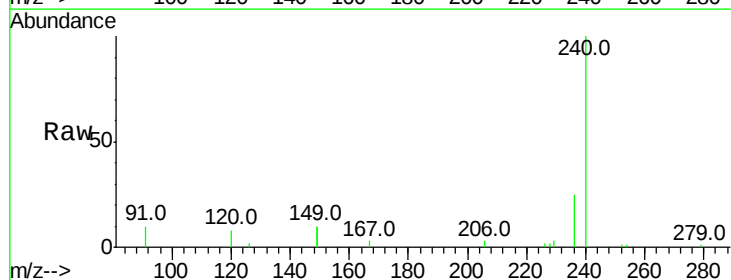
Instrument :
 BNA_E
 ClientSampleId :
 3562-PP2

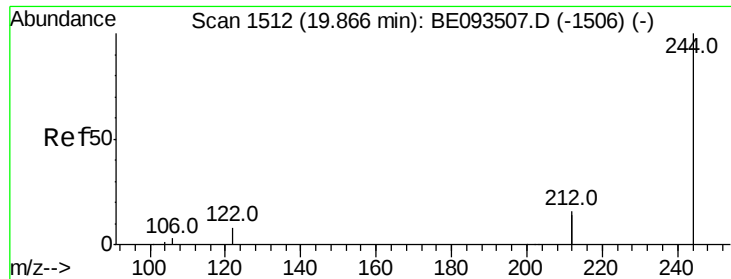
Tot Ion:212 Resp: 140930
 Ion Ratio Lower Upper
 212 100
 106 3.4 2.4 3.6
 104 1.9 1.6 2.4



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.41 min Scan# 1655
 Delta R.T. -0.00 min
 Lab File: BE093515.D
 Acq: 21 Jul 2017 19:17

Tgt Ion:240 Resp: 35315
 Ion Ratio Lower Upper
 240 100
 120 7.9 4.6 7.0#
 236 25.5 20.8 31.2





#29

Terphenyl-d14

Concen: 0.866 ng

RT: 19.86 min Scan# 1511

Delta R.T. -0.01 min

Lab File: BE093515.D

Acq: 21 Jul 2017 19:17

Instrument :

BNA_E

ClientSampleId :

3562-PP2

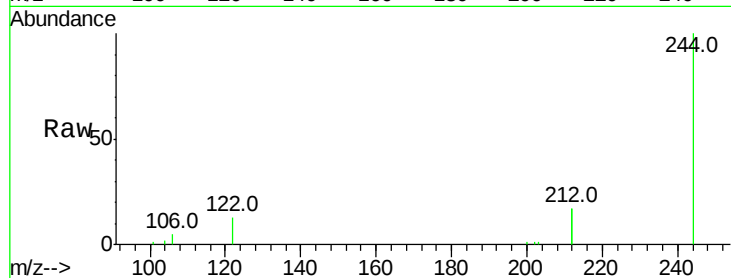
Tot Ion:244 Resp: 55669

Ion Ratio Lower Upper

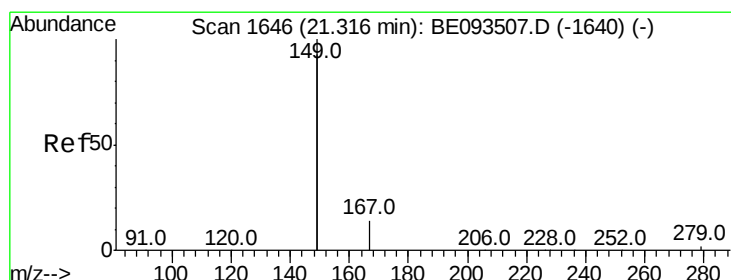
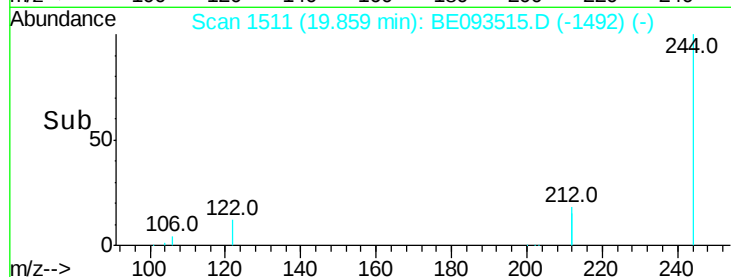
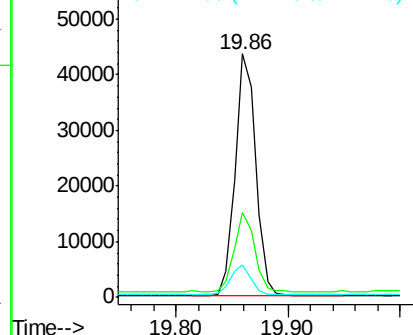
244 100

212 35.0 10.6 16.0#

122 13.2 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: 0.177 ng

RT: 21.31 min Scan# 1646

Delta R.T. -0.00 min

Lab File: BE093515.D

Acq: 21 Jul 2017 19:17

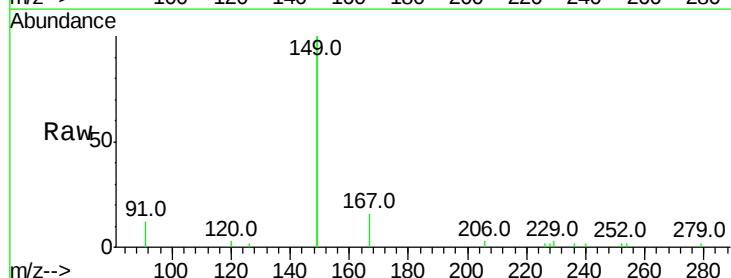
Tgt Ion:149 Resp: 41698

Ion Ratio Lower Upper

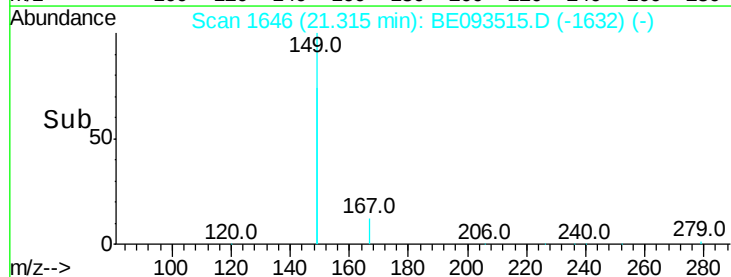
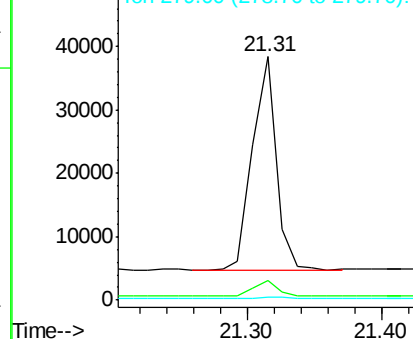
149 100

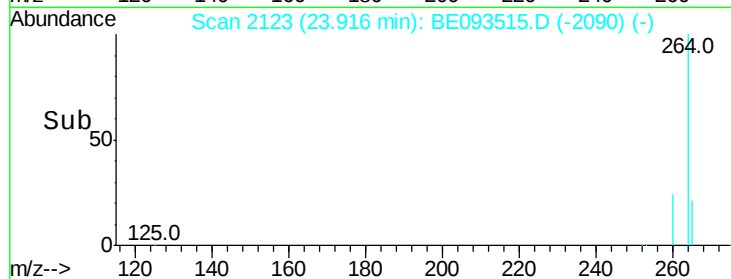
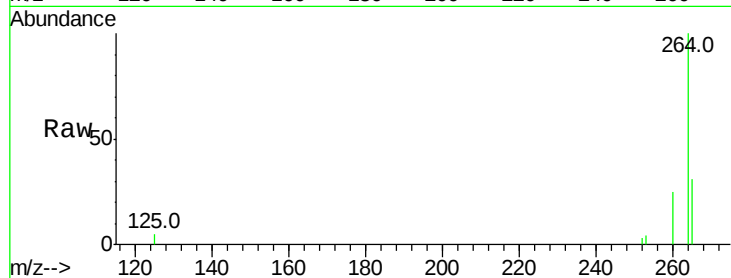
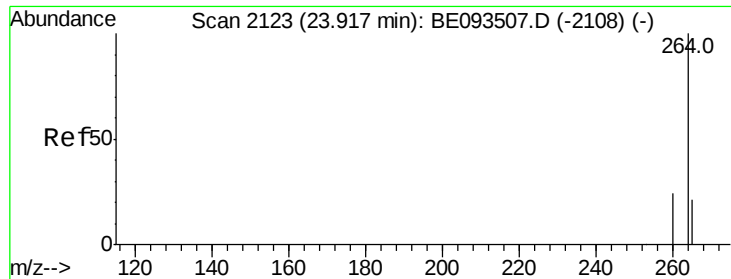
167 6.9 4.8 7.2

279 1.0 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

Pervlene-d12

Concen: 0.400 ng

RT: 23.92 min Scan# 2123

Delta R.T. -0.00 min

Lab File: BE093515.D

Acq: 21 Jul 2017 19:17

Instrument :

BNA_E

ClientSampleId :

3562-PP2

Tot Ion:264 Resp: 29870

Ion Ratio Lower Upper

264 100

260 25.3 21.0 31.4

265 31.0 24.6 36.8

