

Data Path : Z:\HPCHEM1\BNA E\DATA\BE072117\
 Data File : BE093517.D
 Acq On : 21 Jul 2017 20:31
 Operator : SJ/JU
 Sample : I4199-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 3564-PP4

Quant Time: Jul 22 01:55:44 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

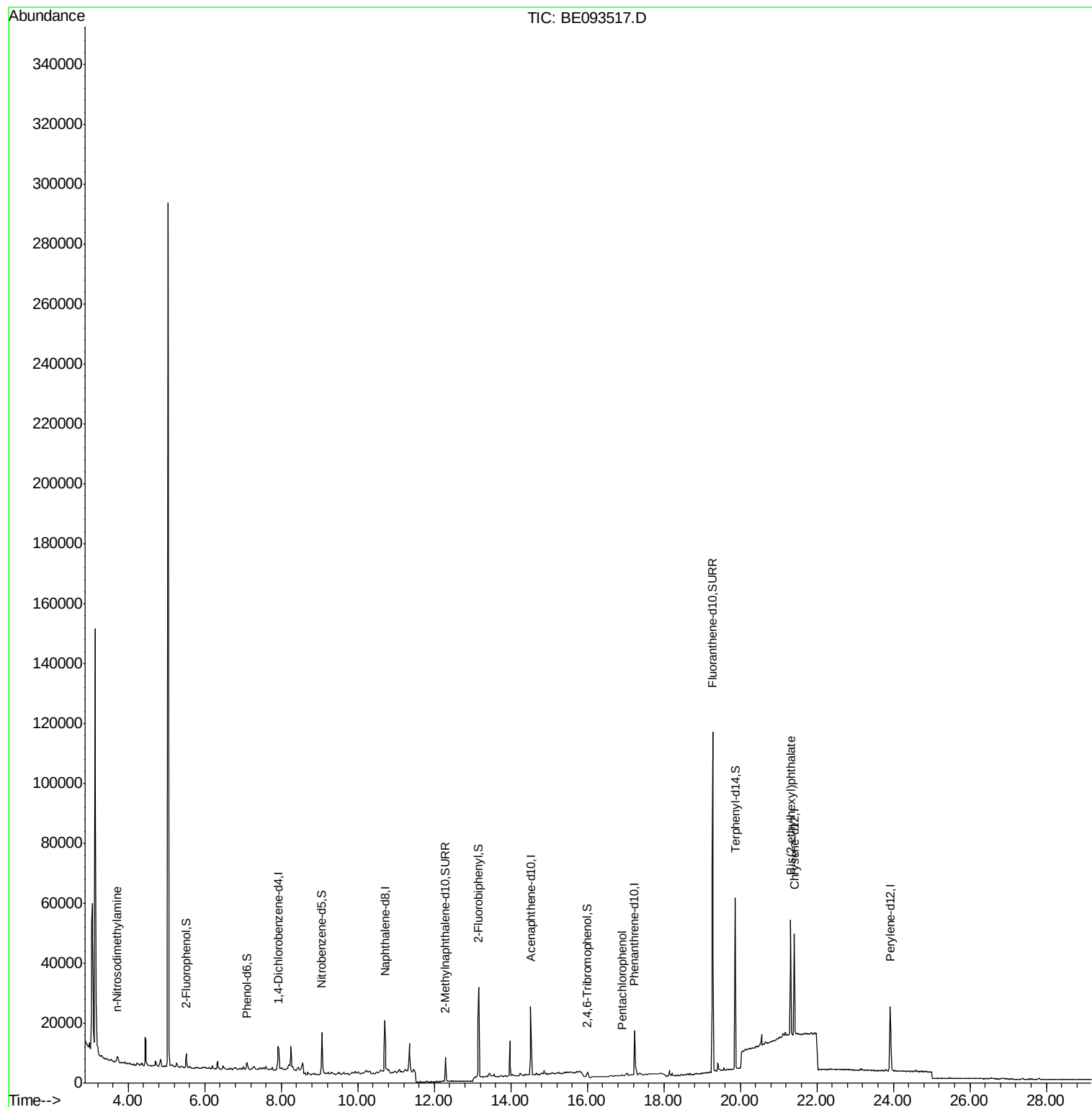
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	4052	0.40	ng	0.00
7) Naphthalene-d8	10.71	136	20444	0.40	ng	0.00
13) Acenaphthene-d10	14.52	164	13098	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	24465	0.40	ng	0.00
27) Chrysene-d12	21.42	240	37824	0.40	ng	0.00
34) Perylene-d12	23.92	264	32416	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.52	112	2444	0.17	ng	0.00
5) Phenol-d6	7.10	99	2449	0.12	ng	0.00
8) Nitrobenzene-d5	9.06	82	6338	0.39	ng	0.00
11) 2-Methylnaphthalene-d10	12.29	152	11017	0.33	ng	0.00
14) 2,4,6-Tribromophenol	16.00	330	1308	0.27	ng	0.00
15) 2-Fluorobiphenyl	13.16	172	28842	0.56	ng	0.00
25) Fluoranthene-d10	19.28	212	147284	0.38	ng	0.00
29) Terphenyl-d14	19.87	244	50075	0.73	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.72	42	548	0.082	ng	Qvalue # 1
22) Pentachlorophenol	16.91	266	397	0.243	ng	95
32) Bis(2-ethylhexyl)phthalate	21.32	149	45539	0.180	ng	98

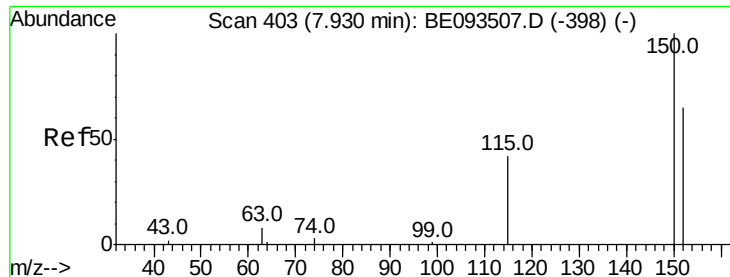
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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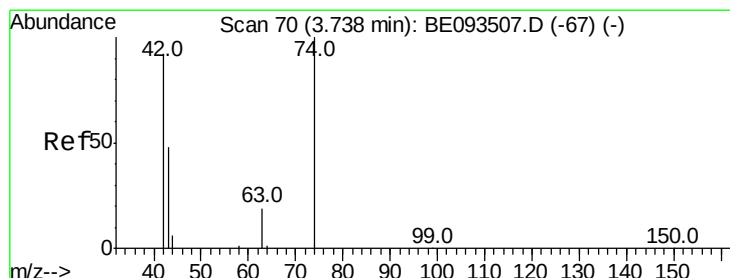
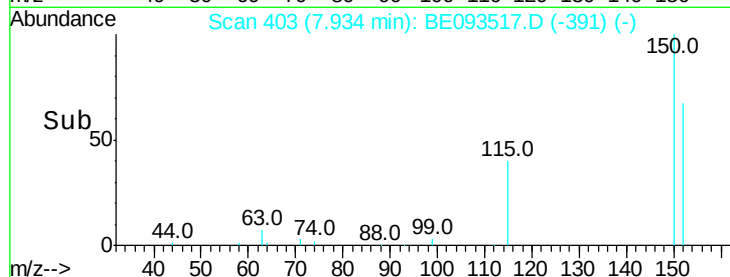
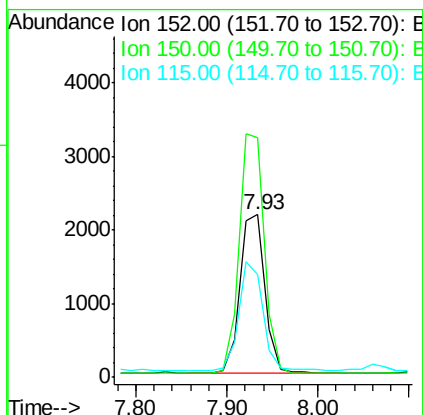
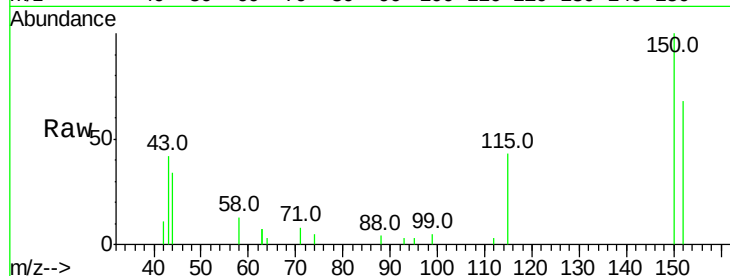


#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.93 min Scan# 403
Delta R.T. 0.00 min
Lab File: BE093517.D
Acq: 21 Jul 2017 20:31

Instrument :
BNA_E
ClientSampleId :
3564-PP4

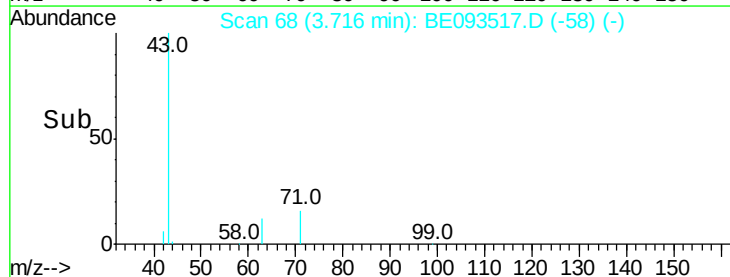
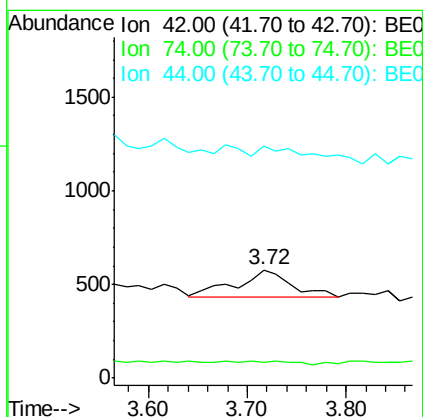
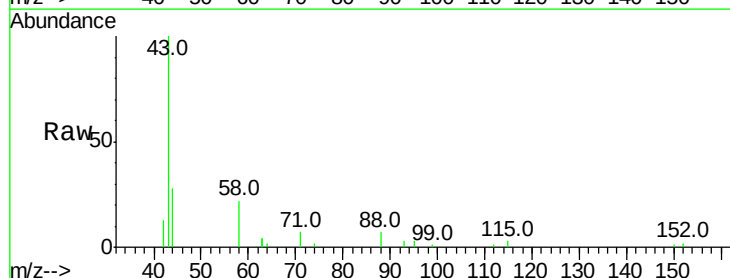
Tot Ion:152 Resp: 4052
Ion Ratio Lower Upper
152 100
150 147.3 125.1 187.7
115 62.9 55.7 83.5

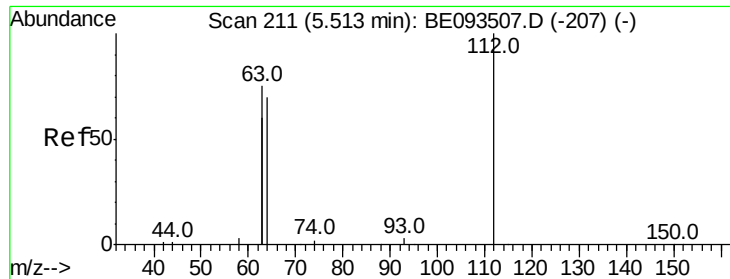


#3

n-Nitrosodimethylamine
Concen: 0.082 ng
RT: 3.72 min Scan# 68
Delta R.T. -0.02 min
Lab File: BE093517.D
Acq: 21 Jul 2017 20:31

Tgt Ion: 42 Resp: 548
Ion Ratio Lower Upper
42 100
74 0.0 99.1 148.7#
44 61.5 7.4 11.2#





#4

2-Fluorophenol

Concen: 0.174 ng

RT: 5.52 min Scan# 211

Delta R.T. 0.00 min

Lab File: BE093517.D

Acq: 21 Jul 2017 20:31

Instrument :

BNA_E

ClientSampleId :

3564-PP4

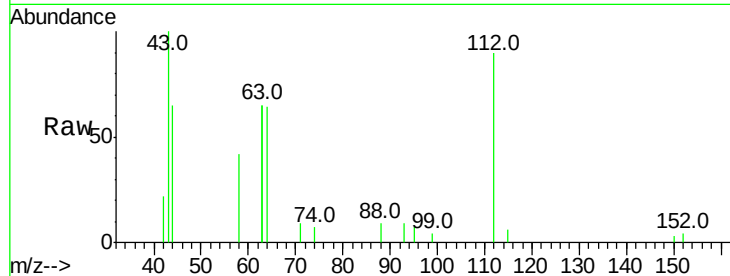
Tot Ion:112 Resp: 2444

Ion Ratio Lower Upper

112 100

64 68.0 56.4 84.6

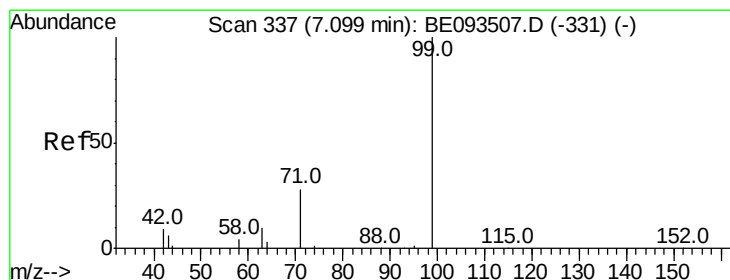
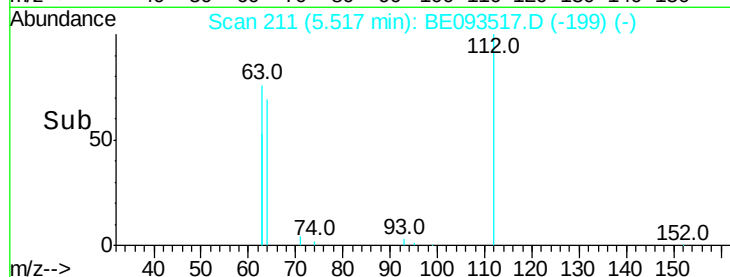
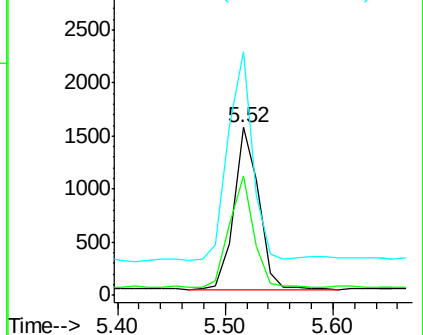
63 130.3 29.3 43.9#



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: 0.124 ng

RT: 7.10 min Scan# 337

Delta R.T. 0.00 min

Lab File: BE093517.D

Acq: 21 Jul 2017 20:31

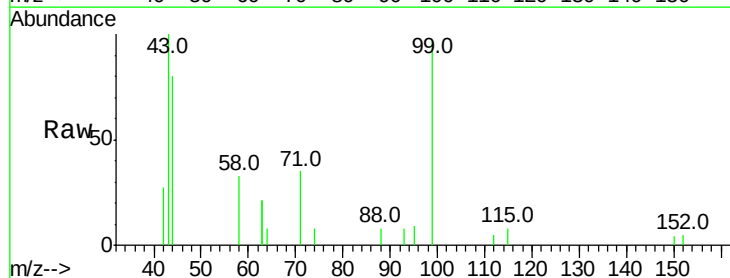
Tgt Ion: 99 Resp: 2449

Ion Ratio Lower Upper

99 100

42 19.2 0.0 0.0#

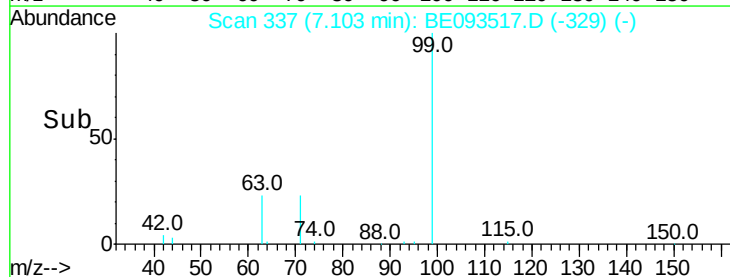
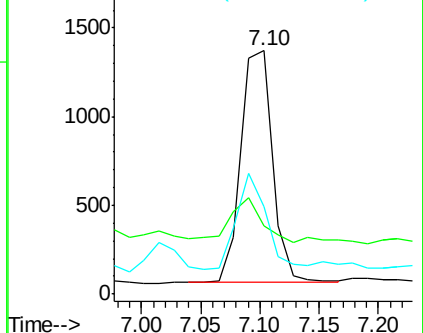
71 39.6 0.0 0.0#

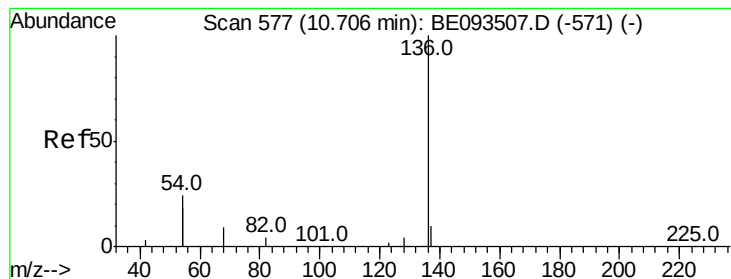


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: BE093517.D

Acq: 21 Jul 2017 20:31

Instrument :

BNA_E

ClientSampleId :

3564-PP4

Tot Ion:136 Resp: 20444

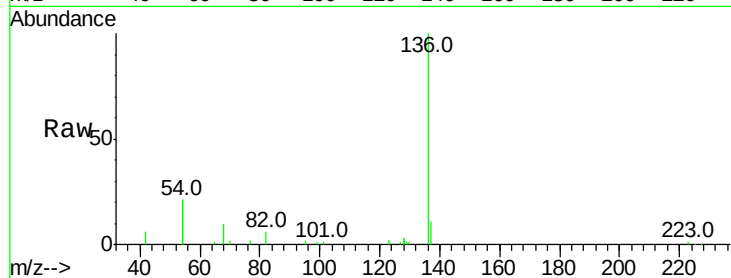
Ion Ratio Lower Upper

136 100

137 11.4 9.8 14.8

54 42.5 10.3 15.5#

68 9.6 9.0 13.4

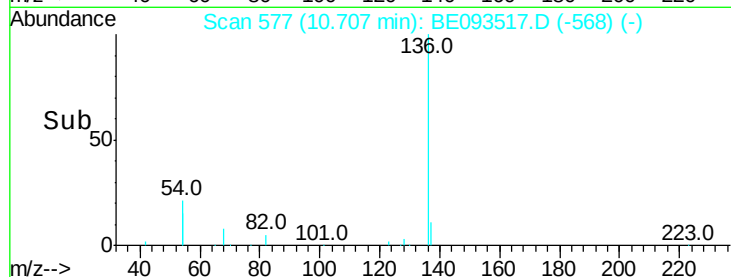


Abundance Ion 136.00 (135.70 to 136.70): E

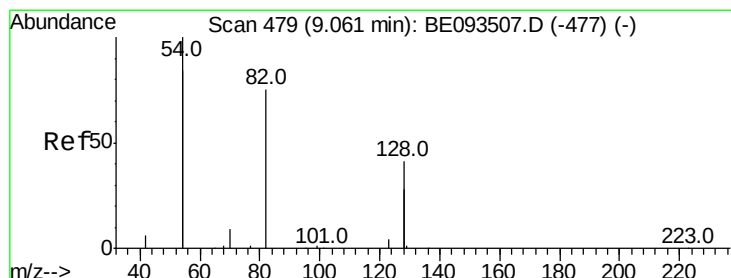
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



Time-->



#8

Nitrobenzene-d5

Concen: 0.390 ng

RT: 9.06 min Scan# 479

Delta R.T. 0.00 min

Lab File: BE093517.D

Acq: 21 Jul 2017 20:31

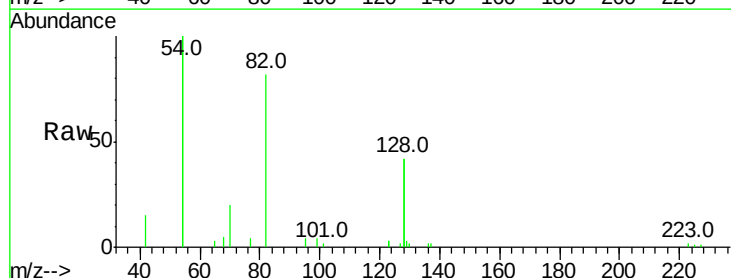
Tgt Ion: 82 Resp: 6338

Ion Ratio Lower Upper

82 100

128 101.2 17.0 25.4#

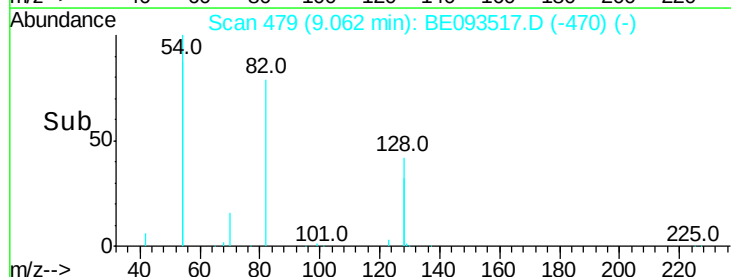
54 243.3 53.8 80.6#



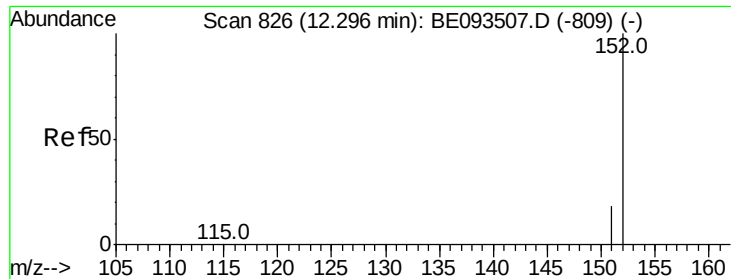
Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0



Time-->



#11

2-Methylnaphthalene-d10

Concen: 0.333 ng

RT: 12.29 min Scan# 826

Delta R.T. -0.00 min

Lab File: BE093517.D

Acq: 21 Jul 2017 20:31

Instrument :

BNA_E

ClientSampleId :

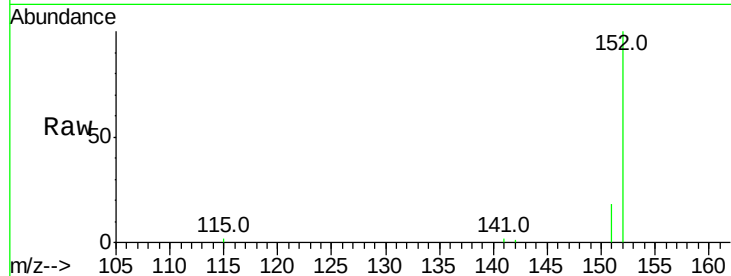
3564-PP4

Tot Ion:152 Resp: 11017

Ion Ratio Lower Upper

152 100

151 19.5 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.29

8000

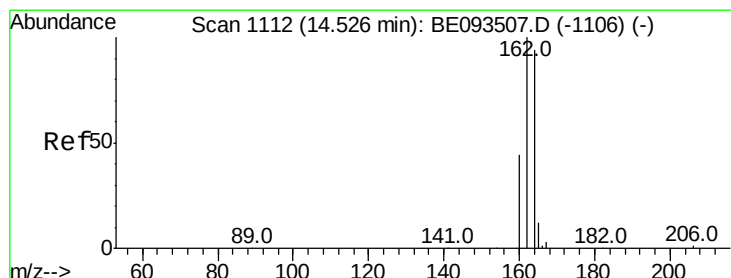
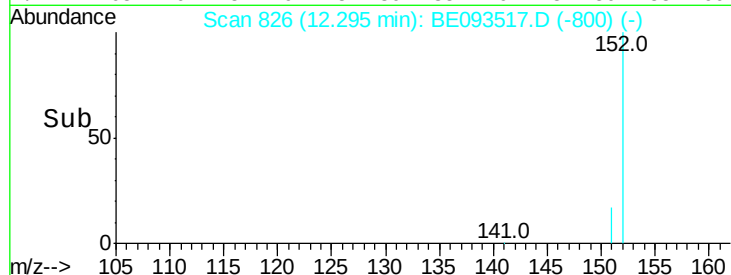
6000

4000

2000

0

Time--> 12.20 12.30



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.52 min Scan# 1112

Delta R.T. -0.00 min

Lab File: BE093517.D

Acq: 21 Jul 2017 20:31

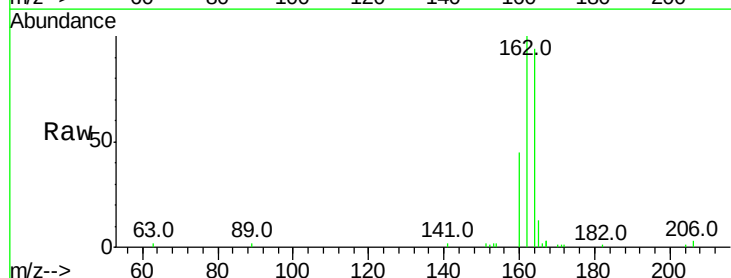
Tgt Ion:164 Resp: 13098

Ion Ratio Lower Upper

164 100

162 106.4 84.6 127.0

160 48.0 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

14.52

12000

10000

8000

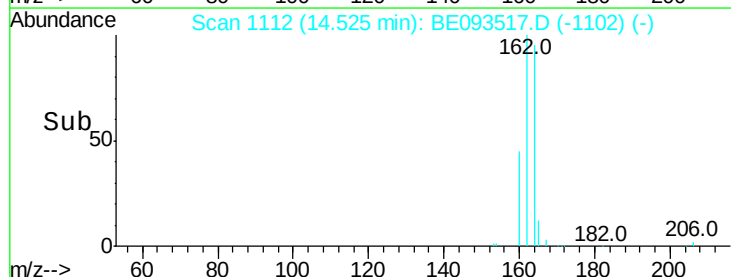
6000

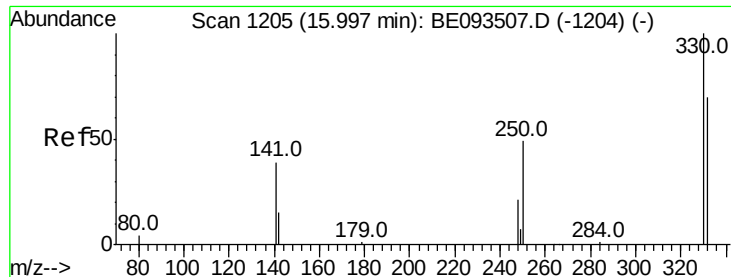
4000

2000

0

Time--> 14.40 14.50 14.60

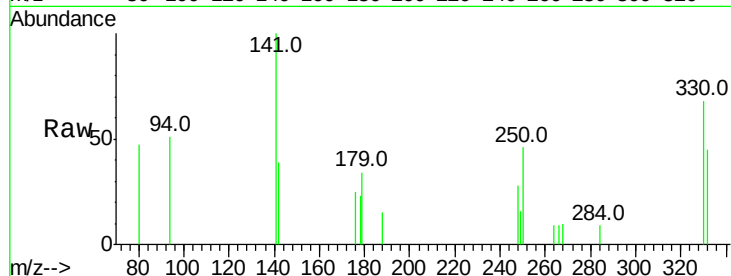




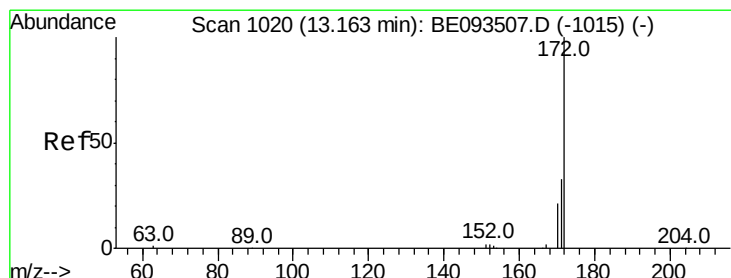
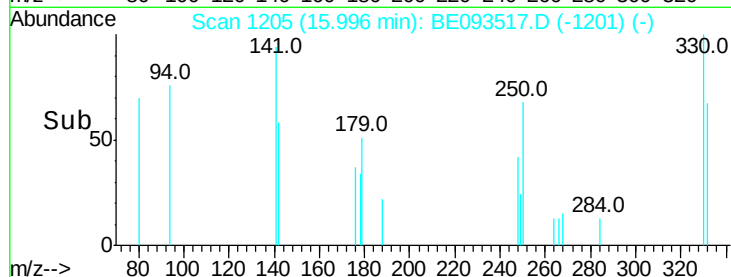
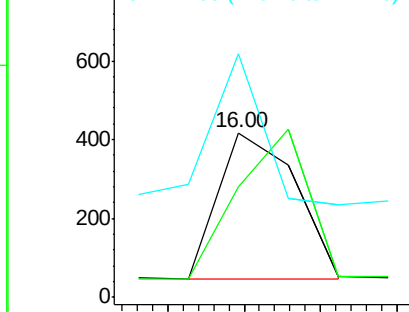
#14
 2,4,6-Tribromophenol
 Concen: 0.275 ng
 RT: 16.00 min Scan# 1205
 Delta R.T. -0.00 min
 Lab File: BE093517.D
 Acq: 21 Jul 2017 20:31

Instrument :
 BNA_E
 ClientSampled :
 3564-PP4

Tot Ion:330 Resp: 1308
 Ion Ratio Lower Upper
 330 100
 332 0.0 77.7 116.5#
 141 68.2 56.2 84.4

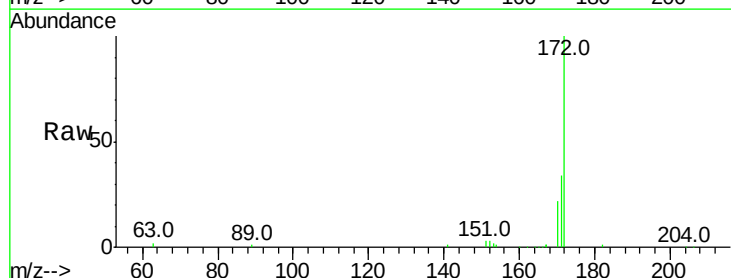


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

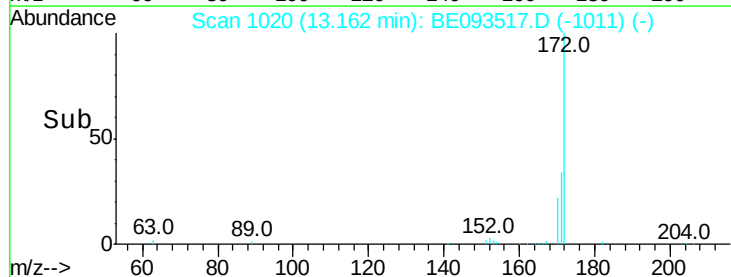
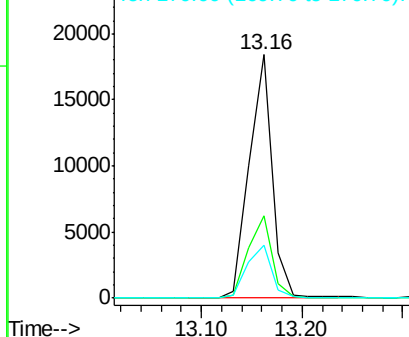


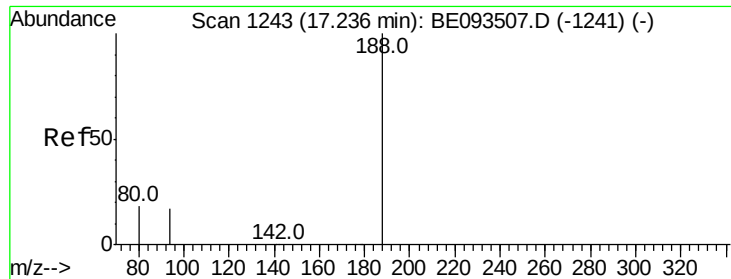
#15
 2-Fluorobiphenyl
 Concen: 0.560 ng
 RT: 13.16 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: BE093517.D
 Acq: 21 Jul 2017 20:31

Tgt Ion:172 Resp: 28842
 Ion Ratio Lower Upper
 172 100
 171 34.0 29.8 44.6
 170 21.8 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

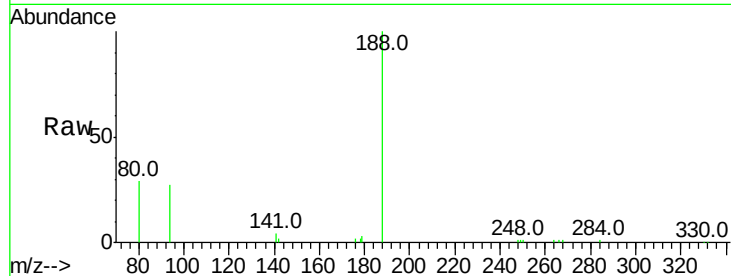




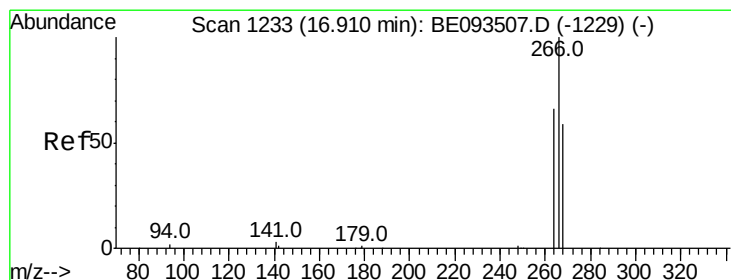
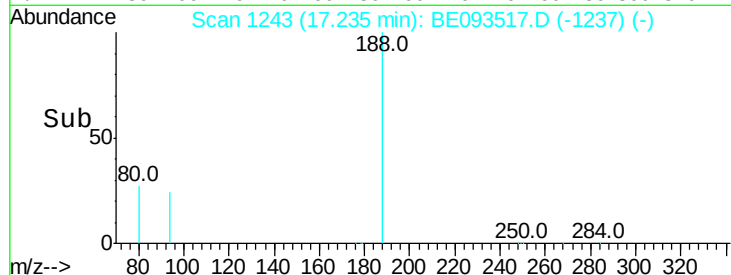
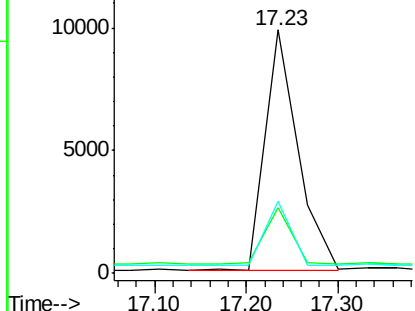
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.23 min Scan# 1243
Delta R.T. -0.00 min
Lab File: BE093517.D
Acq: 21 Jul 2017 20:31

Instrument :
BNA_E
ClientSampled :
3564-PP4

Tot Ion:188 Resp: 24465
Ion Ratio Lower Upper
188 100
94 27.1 11.3 16.9#
80 29.5 11.7 17.5#

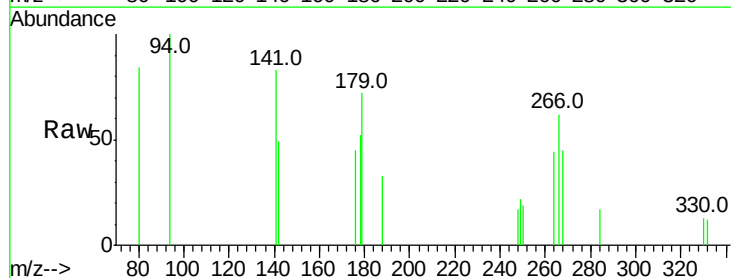


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BE0
Ion 80.00 (79.70 to 80.70): BE0

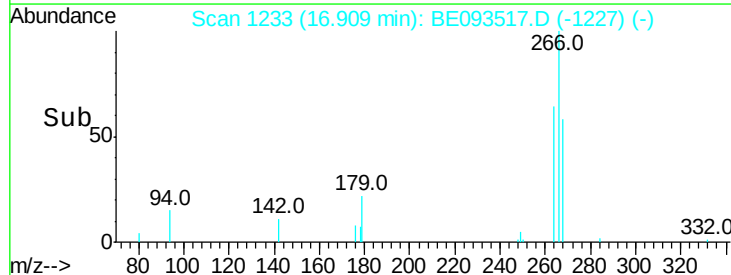
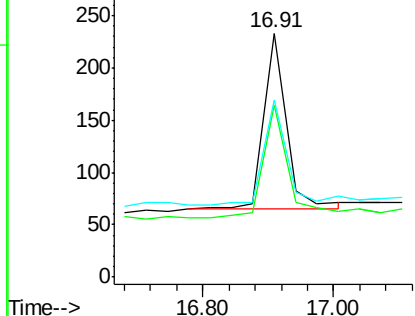


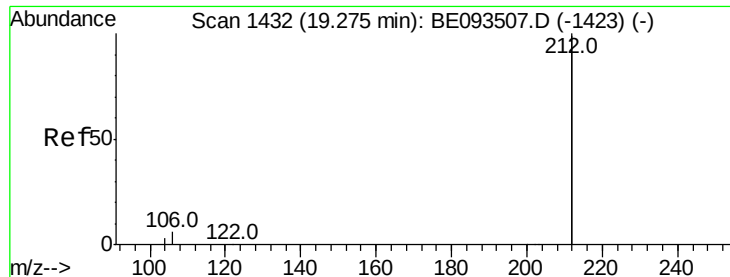
#22
Pentachlorophenol
Concen: 0.243 ng
RT: 16.91 min Scan# 1233
Delta R.T. -0.00 min
Lab File: BE093517.D
Acq: 21 Jul 2017 20:31

Tgt Ion:266 Resp: 397
Ion Ratio Lower Upper
266 100
264 70.8 56.0 84.0
268 72.5 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: 0.378 ng

RT: 19.28 min Scan# 1432

Delta R.T. 0.00 min

Lab File: BE093517.D

Acq: 21 Jul 2017 20:31

Instrument :

BNA_E

ClientSampleId :

3564-PP4

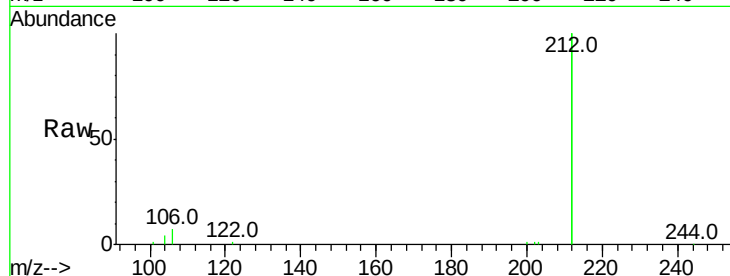
Tot Ion:212 Resp: 147284

Ion Ratio Lower Upper

212 100

106 3.6 2.4 3.6

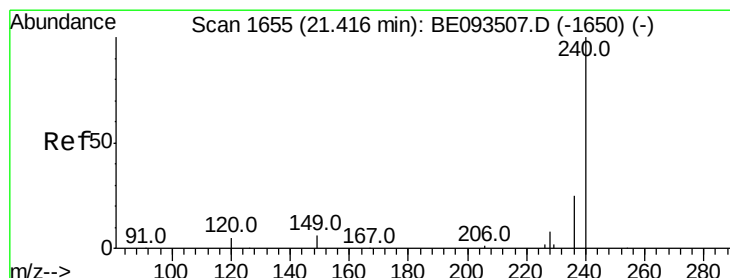
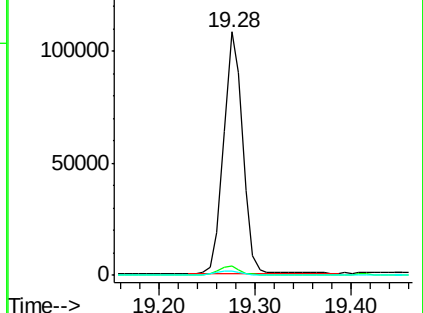
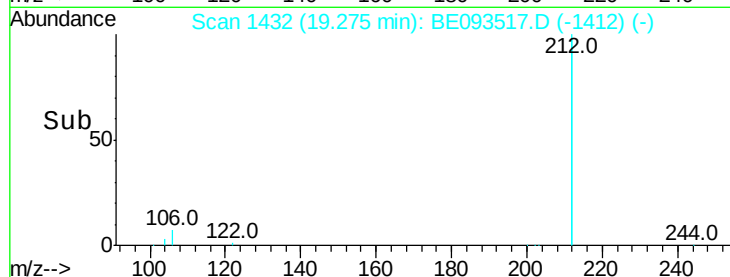
104 1.9 1.6 2.4



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: 21.42 min Scan# 1655

Delta R.T. 0.00 min

Lab File: BE093517.D

Acq: 21 Jul 2017 20:31

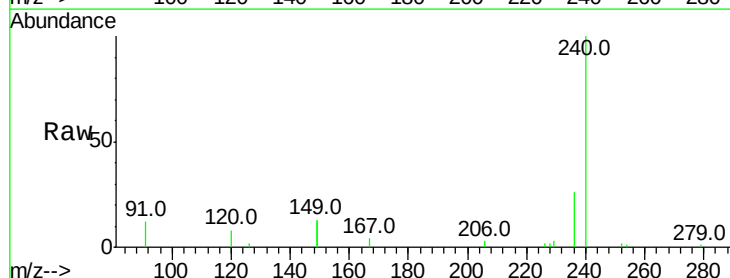
Tgt Ion:240 Resp: 37824

Ion Ratio Lower Upper

240 100

120 8.3 4.6 7.0#

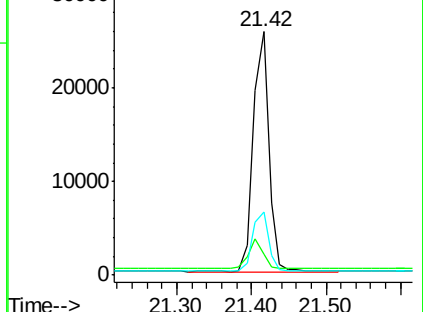
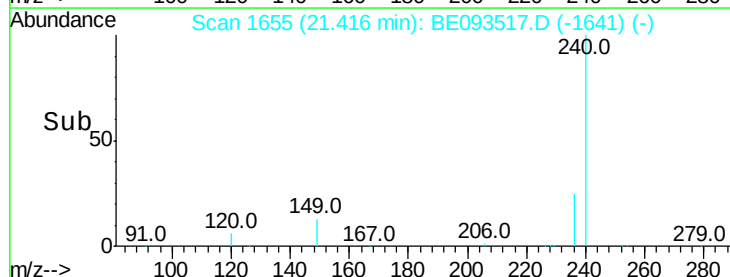
236 26.0 20.8 31.2

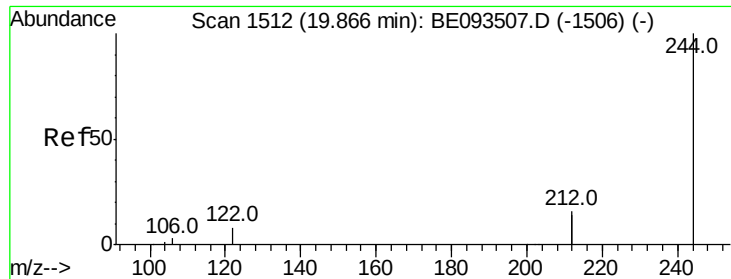


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.727 ng

RT: 19.87 min Scan# 1512

Delta R.T. 0.00 min

Lab File: BE093517.D

Acq: 21 Jul 2017 20:31

Instrument :

BNA_E

ClientSampleId :

3564-PP4

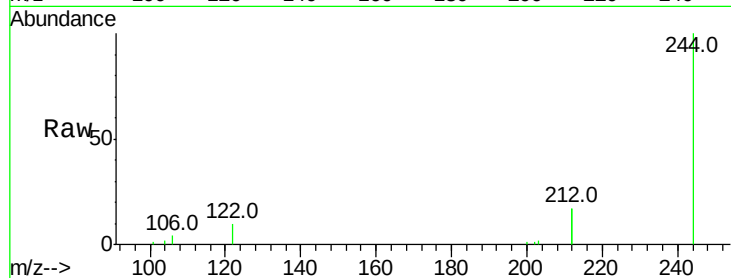
Tot Ion:244 Resp: 50075

Ion Ratio Lower Upper

244 100

212 33.7 10.6 16.0#

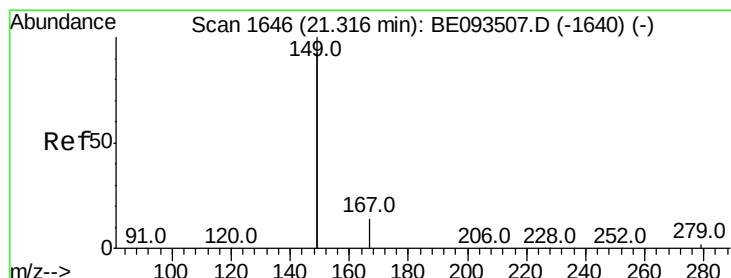
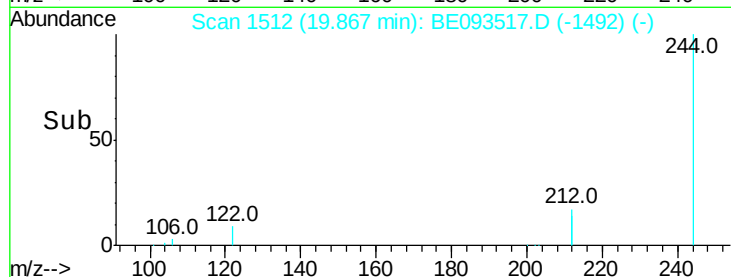
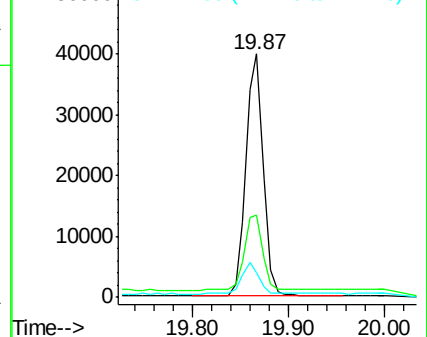
122 10.2 15.4 23.0#



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: 0.180 ng

RT: 21.32 min Scan# 1646

Delta R.T. 0.00 min

Lab File: BE093517.D

Acq: 21 Jul 2017 20:31

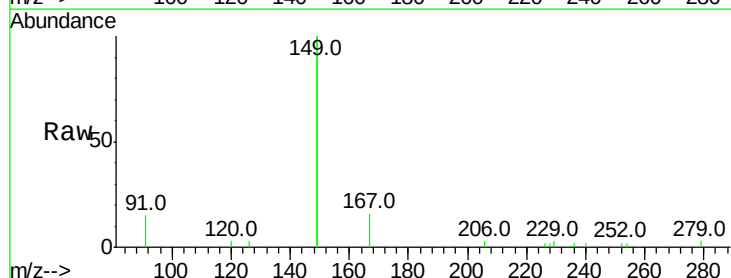
Tgt Ion:149 Resp: 45539

Ion Ratio Lower Upper

149 100

167 6.6 4.8 7.2

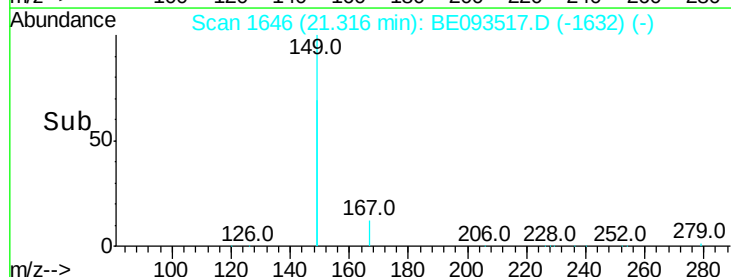
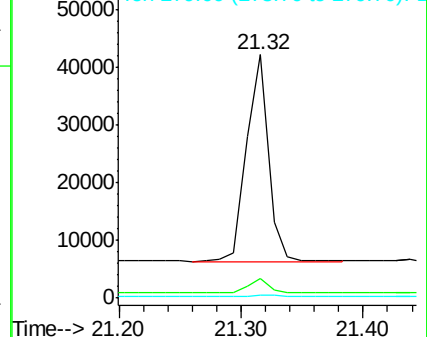
279 1.1 0.8 1.2

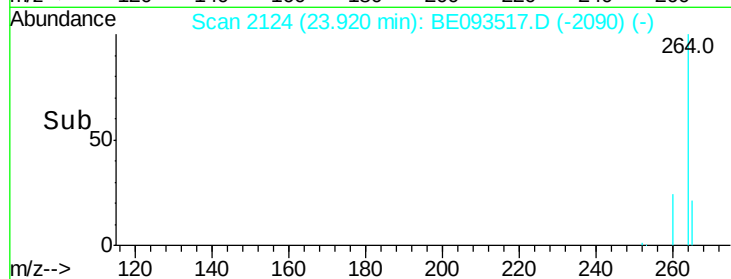
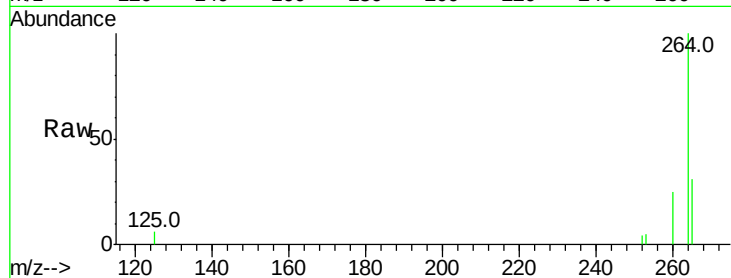
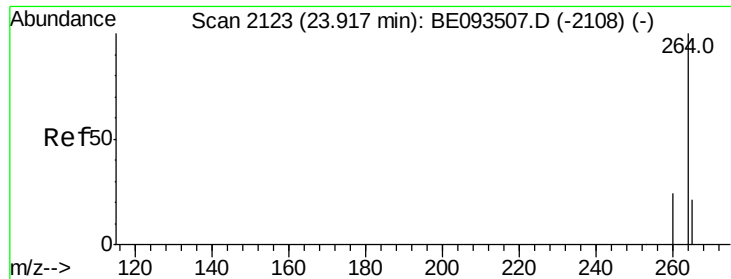


Abundance Ion 149.00 (148.70 to 149.70): E

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# 2124

Delta R.T. 0.00 min

Lab File: BE093517.D

Acq: 21 Jul 2017 20:31

Instrument :

BNA_E

ClientSampleId :

3564-PP4

Tot Ion:264 Resp: 32416

Ion Ratio Lower Upper

264 100

260 25.5 21.0 31.4

265 31.4 24.6 36.8

