

Data Path : Z:\HPCHEM1\BNA E\DATA\BE072117\
 Data File : BE093516.D
 Acq On : 21 Jul 2017 19:56
 Operator : SJ/JU
 Sample : I4199-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 3563-PP3

Quant Time: Jul 22 01:55:29 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

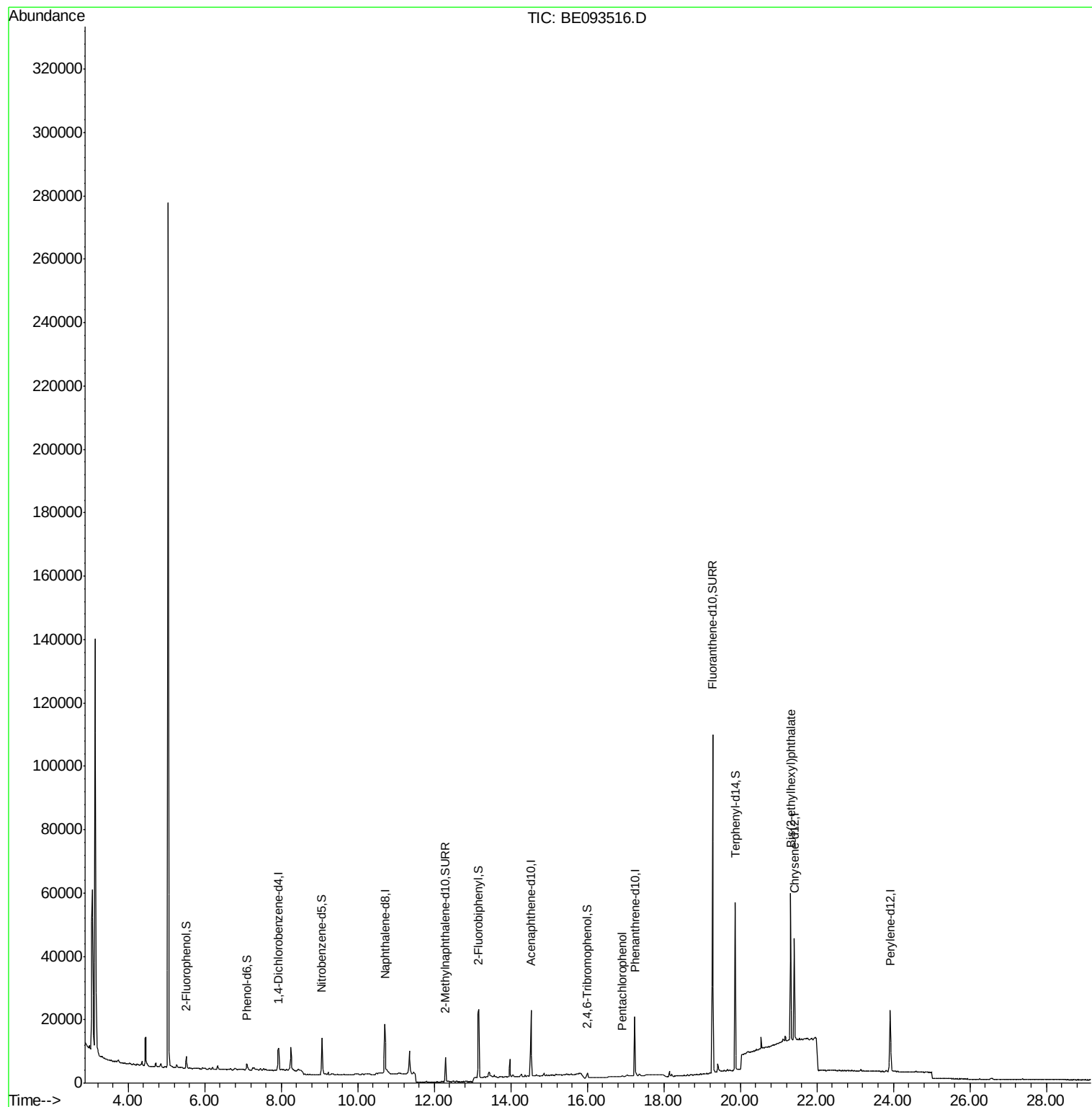
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	3659	0.40	ng	0.00
7) Naphthalene-d8	10.71	136	19113	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	11759	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	29634	0.40	ng	0.00
27) Chrysene-d12	21.42	240	34685	0.40	ng	0.00
34) Perylene-d12	23.92	264	29241	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.52	112	1976	0.16	ng	0.00
5) Phenol-d6	7.10	99	1853	0.10	ng	0.00
8) Nitrobenzene-d5	9.06	82	5714	0.38	ng	0.00
11) 2-Methylnaphthalene-d10	12.29	152	10445	0.34	ng	0.00
14) 2,4,6-Tribromophenol	16.00	330	1283	0.30	ng	0.00
15) 2-Fluorobiphenyl	13.16	172	24120	0.52	ng	0.00
25) Fluoranthene-d10	19.27	212	136464	0.29	ng	0.00
29) Terphenyl-d14	19.87	244	46474	0.74	ng	0.00
Target Compounds						
22) Pentachlorophenol	16.91	266	395	0.233	ng	Qvalue # 91
32) Bis(2-ethylhexyl)phthalate	21.32	149	52808	0.230	ng	98

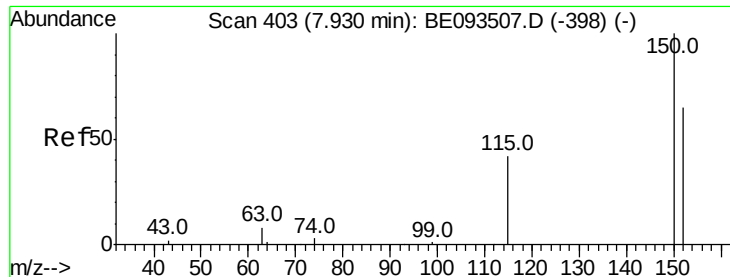
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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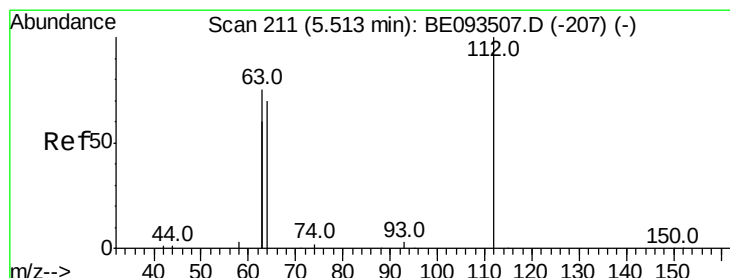
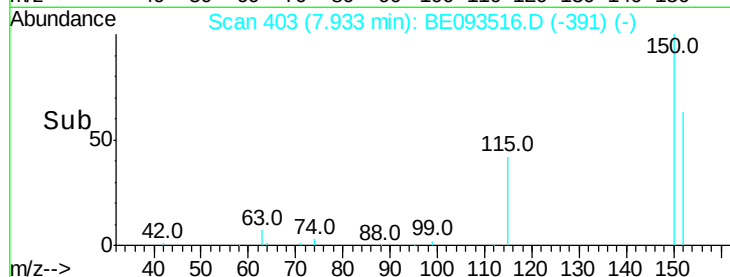
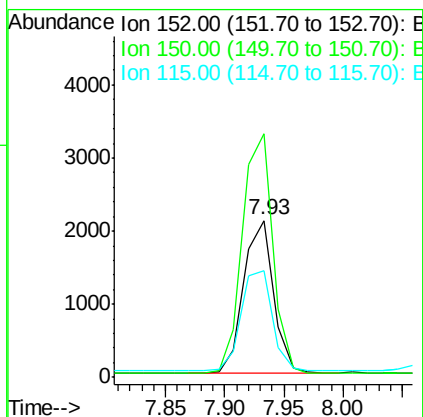
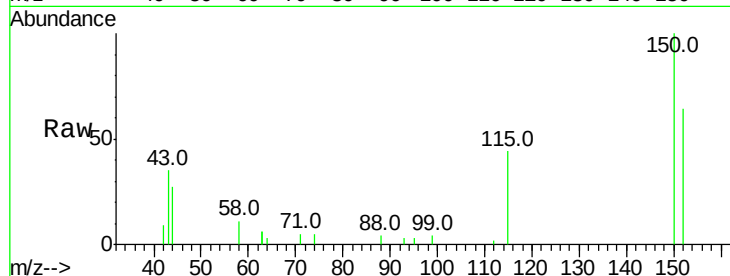


#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.93 min Scan# 403
Delta R.T. 0.00 min
Lab File: BE093516.D
Acq: 21 Jul 2017 19:56

Instrument :
BNA_E
ClientSampleId :
3563-PP3

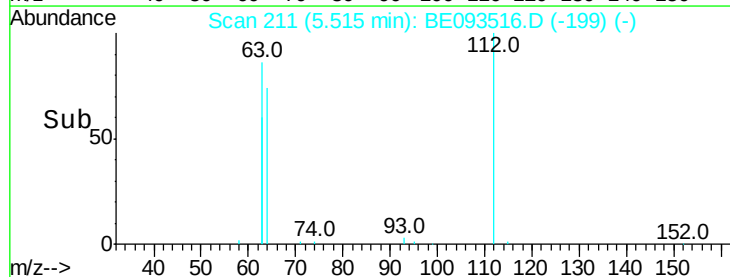
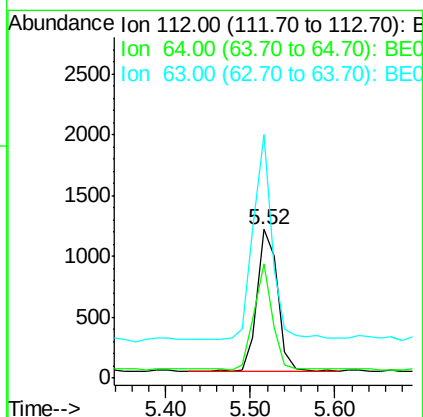
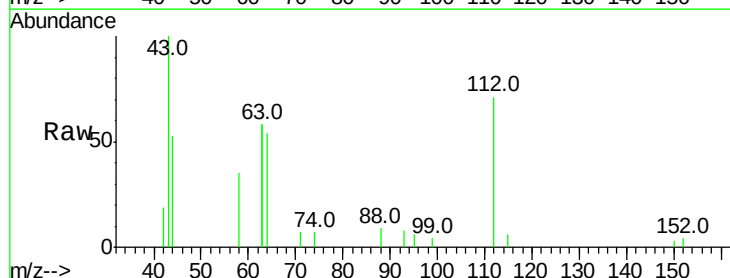
Tot Ion:152 Resp: 3659
Ion Ratio Lower Upper
152 100
150 155.2 125.1 187.7
115 67.8 55.7 83.5

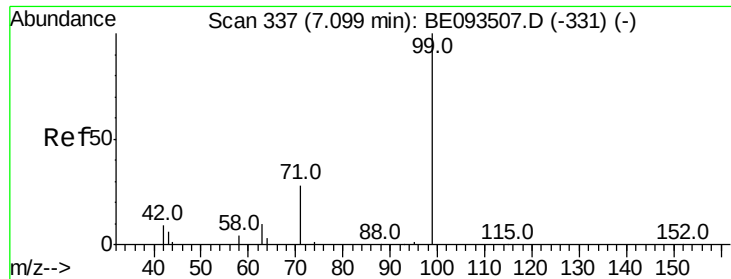


#4

2-Fluorophenol
Concen: 0.156 ng
RT: 5.52 min Scan# 211
Delta R.T. 0.00 min
Lab File: BE093516.D
Acq: 21 Jul 2017 19:56

Tgt Ion:112 Resp: 1976
Ion Ratio Lower Upper
112 100
64 64.9 56.4 84.6
63 130.1 29.3 43.9#





#5

Phenol-d6

Concen: 0.104 ng

RT: 7.10 min Scan# 337

Delta R.T. 0.00 min

Lab File: BE093516.D

Acq: 21 Jul 2017 19:56

Instrument :

BNA_E

ClientSampleId :

3563-PP3

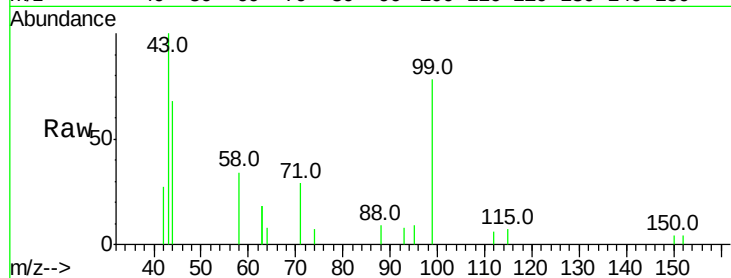
Tot Ion: 99 Resp: 1853

Ion Ratio Lower Upper

99 100

42 25.4 0.0 0.0#

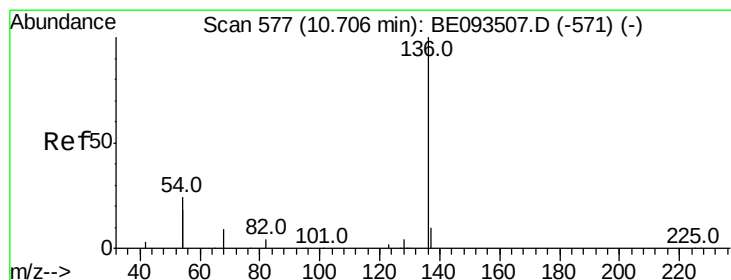
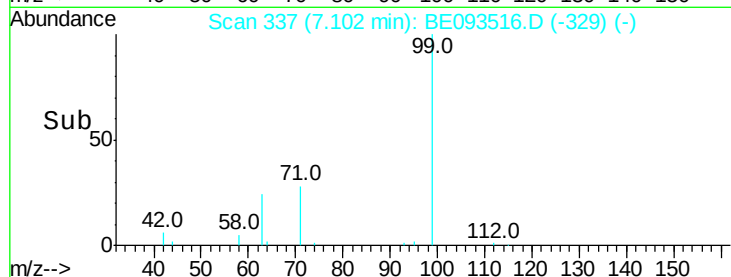
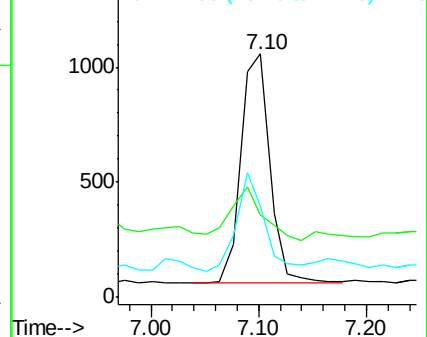
71 41.2 0.0 0.0#



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: BE093516.D

Acq: 21 Jul 2017 19:56

Tgt Ion: 136 Resp: 19113

Ion Ratio Lower Upper

136 100

137 11.3 9.8 14.8

54 46.7 10.3 15.5#

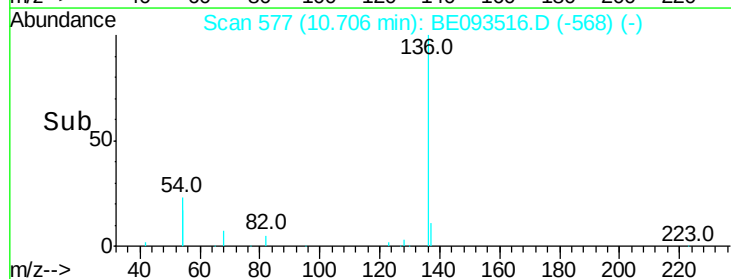
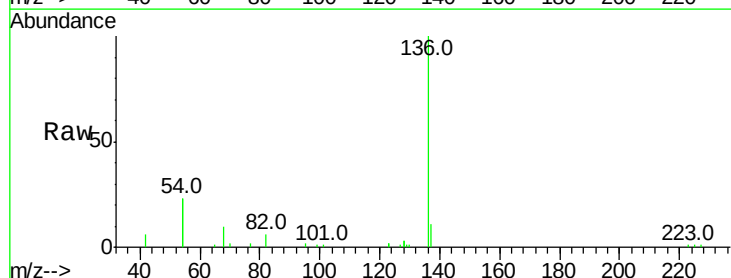
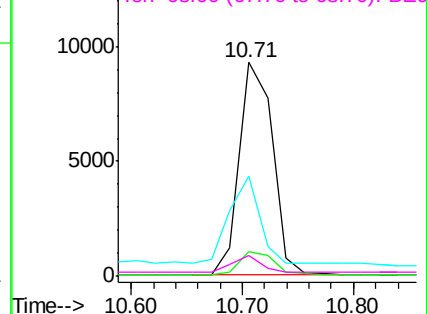
68 9.6 9.0 13.4

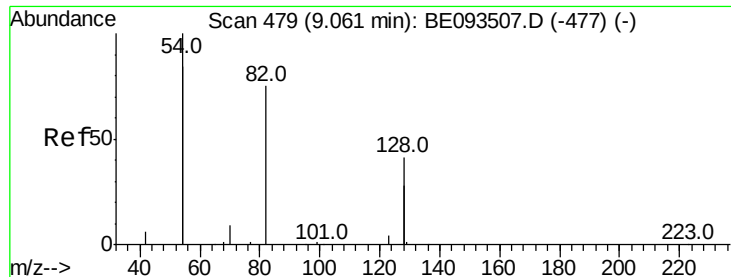
Abundance Ion 136.00 (135.70 to 136.70): E

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





#8

Nitrobenzene-d5

Concen: 0.376 ng

RT: 9.06 min Scan# 479

Delta R.T. -0.00 min

Lab File: BE093516.D

Acq: 21 Jul 2017 19:56

Instrument :

BNA_E

ClientSampleId :

3563-PP3

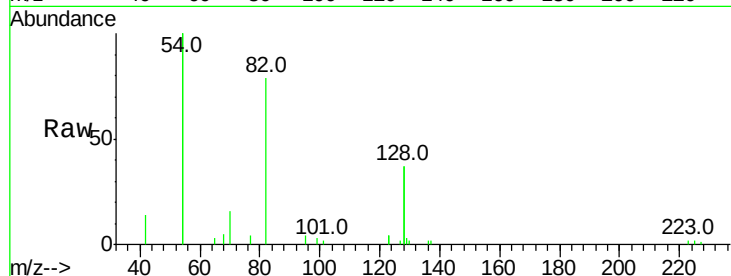
Tot Ion: 82 Resp: 5714

Ion Ratio Lower Upper

82 100

128 94.4 17.0 25.4#

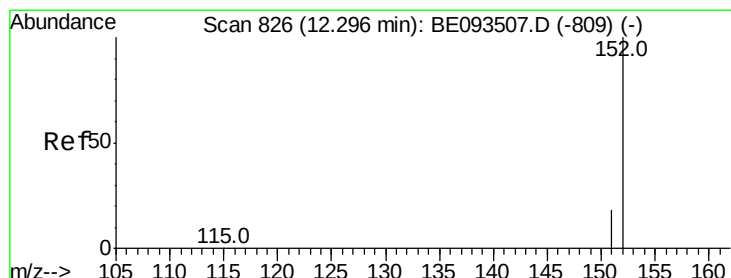
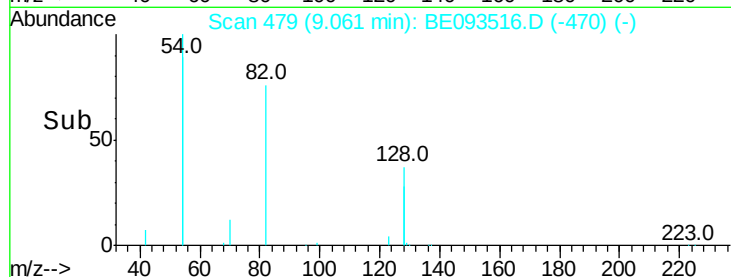
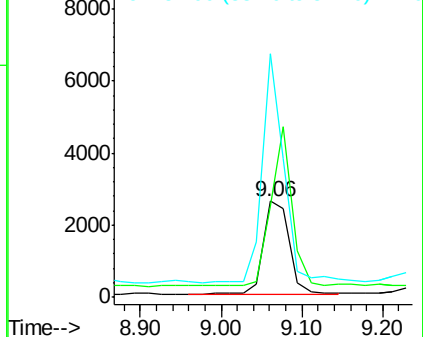
54 252.9 53.8 80.6#



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: 0.338 ng

RT: 12.29 min Scan# 825

Delta R.T. -0.00 min

Lab File: BE093516.D

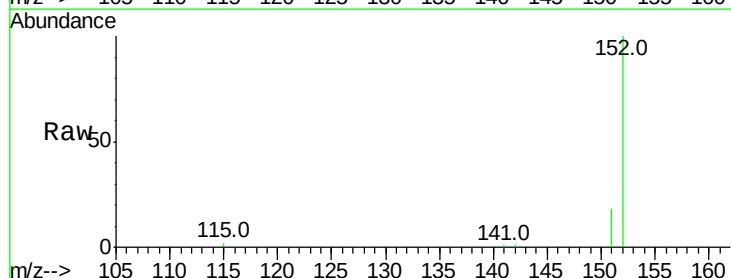
Acq: 21 Jul 2017 19:56

Tgt Ion: 152 Resp: 10445

Ion Ratio Lower Upper

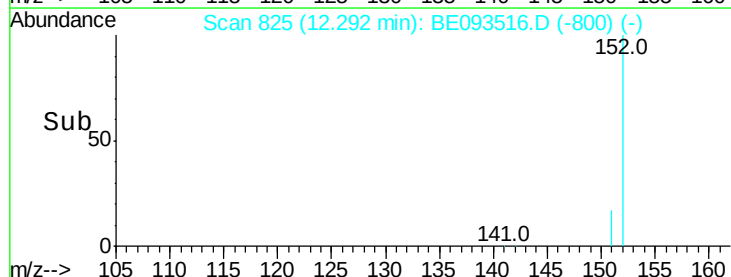
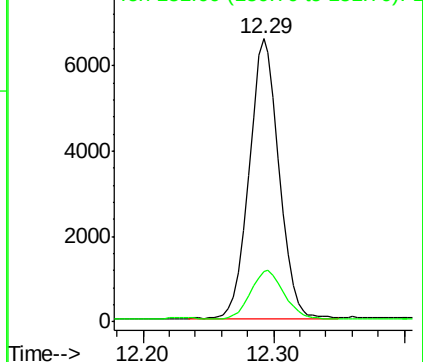
152 100

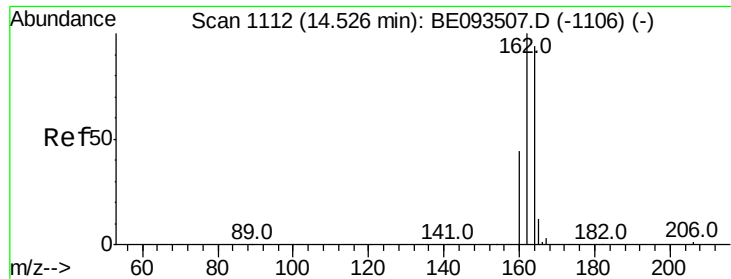
151 19.3 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

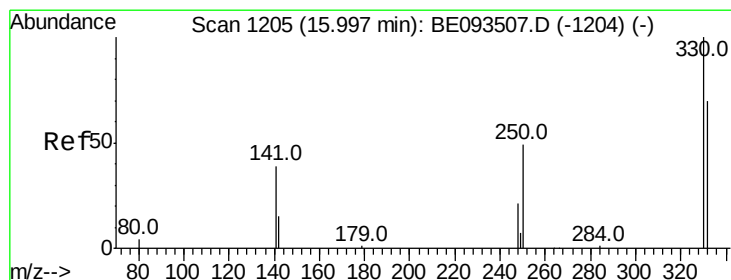
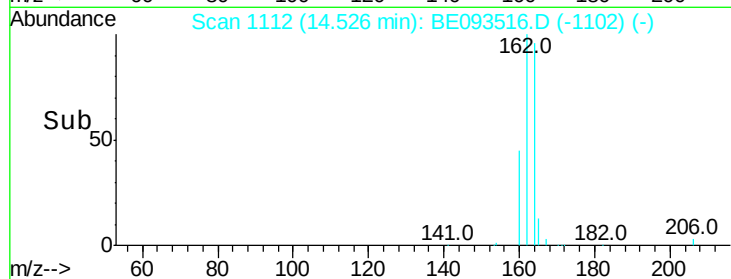
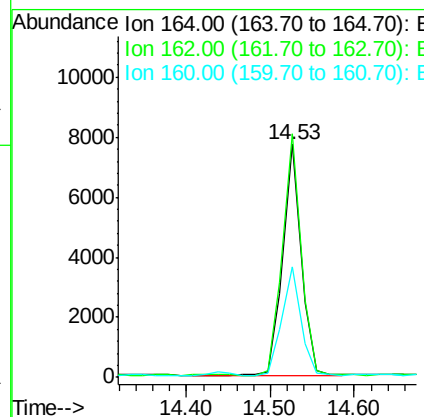
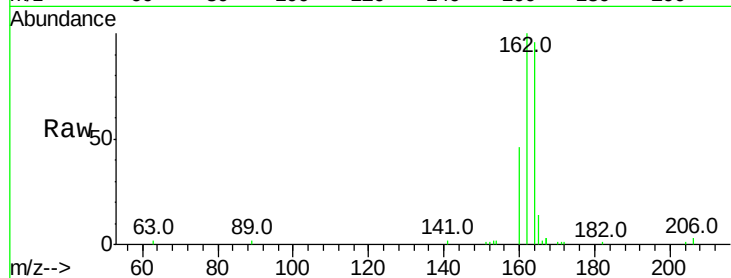




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.53 min Scan# 1112
 Delta R.T. 0.00 min
 Lab File: BE093516.D
 Acq: 21 Jul 2017 19:56

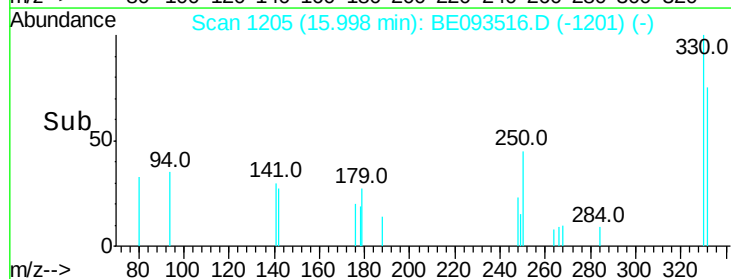
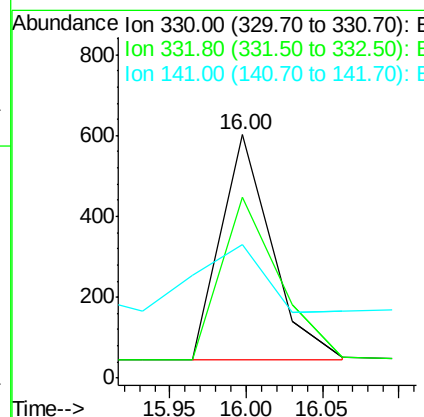
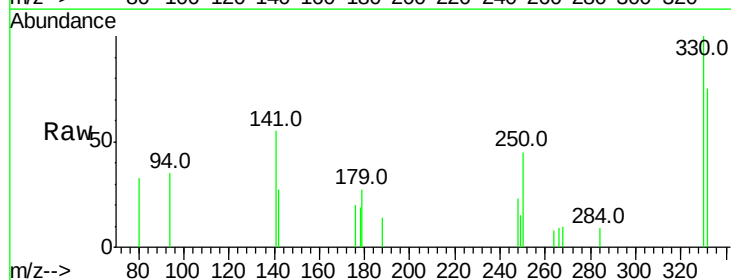
Instrument :
 BNA_E
 ClientSampleId :
 3563-PP3

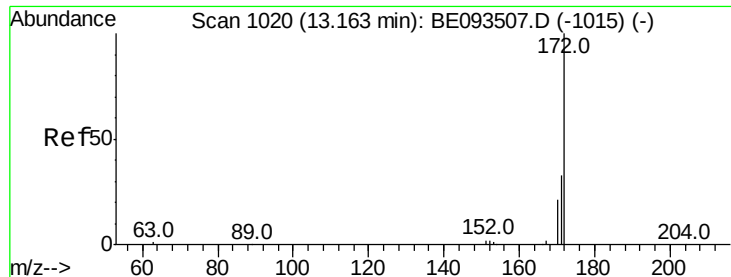
Tot Ion:164 Resp: 11759
 Ion Ratio Lower Upper
 164 100
 162 104.5 84.6 127.0
 160 47.6 41.8 62.6



#14
 2,4,6-Tribromophenol
 Concen: 0.300 ng
 RT: 16.00 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BE093516.D
 Acq: 21 Jul 2017 19:56

Tgt Ion:330 Resp: 1283
 Ion Ratio Lower Upper
 330 100
 332 82.9 77.7 116.5
 141 39.4 56.2 84.4#

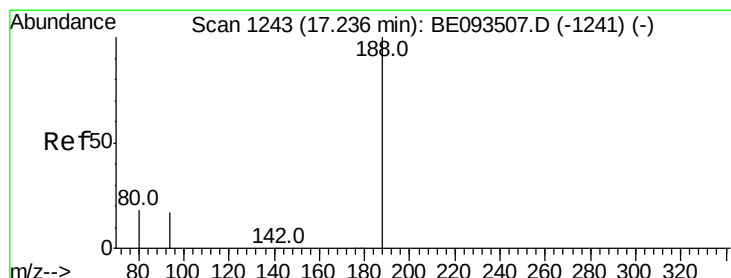
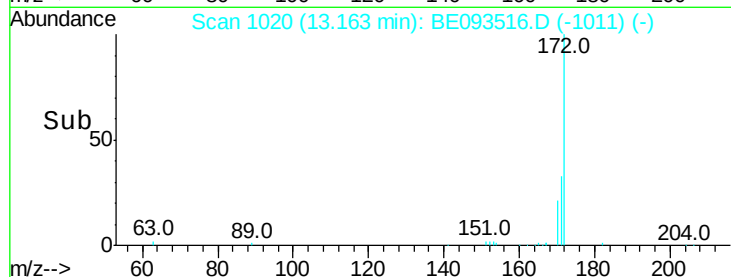
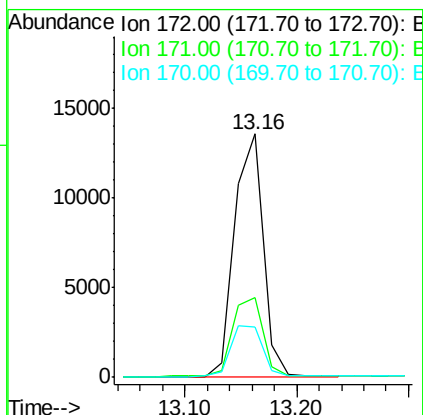
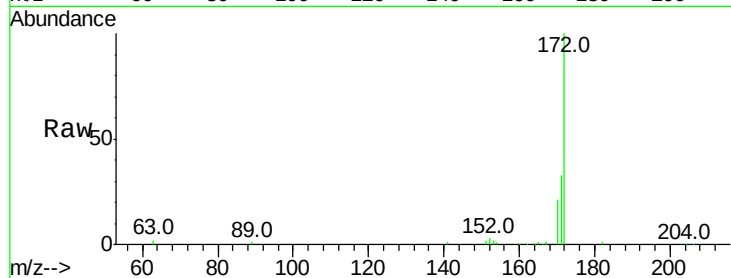




#15
2-Fluorobiphenyl
Concen: 0.521 ng
RT: 13.16 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BE093516.D
Acq: 21 Jul 2017 19:56

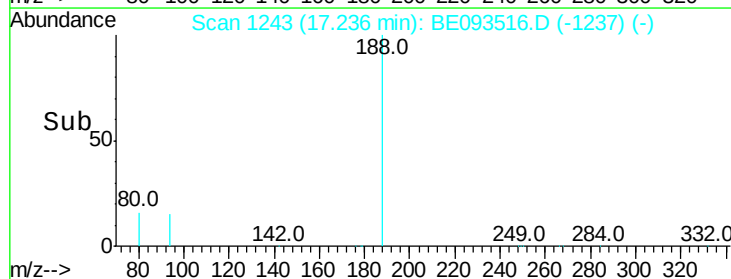
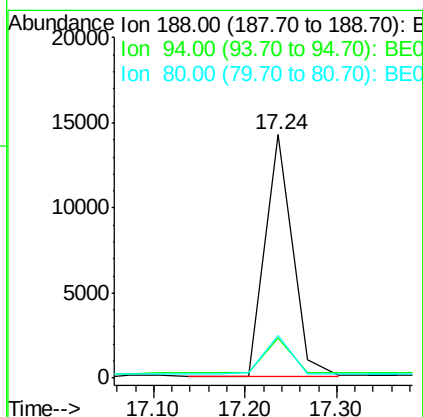
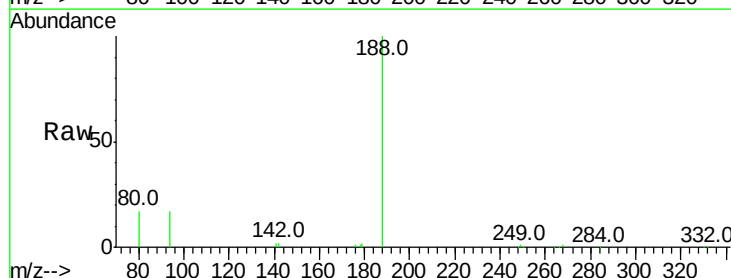
Instrument :
BNA_E
ClientSampled :
3563-PP3

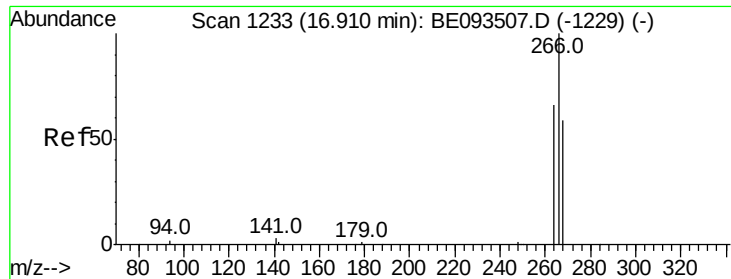
Tot Ion:172 Resp: 24120
Ion Ratio Lower Upper
172 100
171 32.8 29.8 44.6
170 20.6 20.7 31.1#



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.24 min Scan# 1243
Delta R.T. 0.00 min
Lab File: BE093516.D
Acq: 21 Jul 2017 19:56

Tgt Ion:188 Resp: 29634
Ion Ratio Lower Upper
188 100
94 16.6 11.3 16.9
80 17.4 11.7 17.5

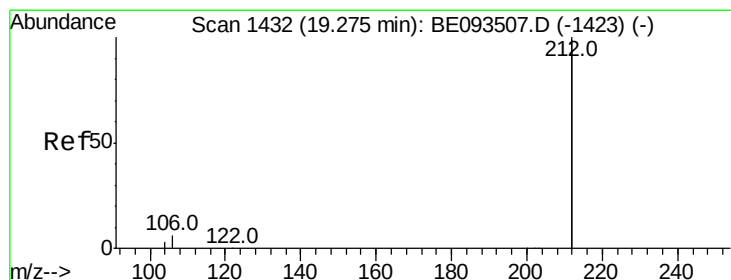
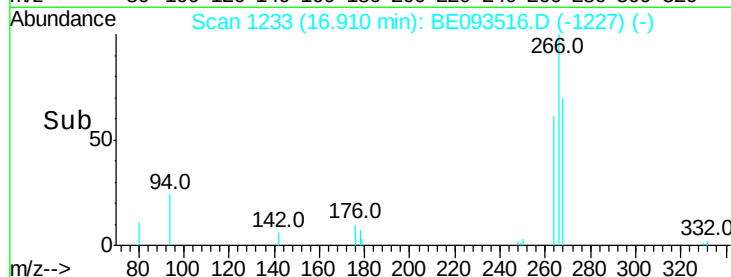
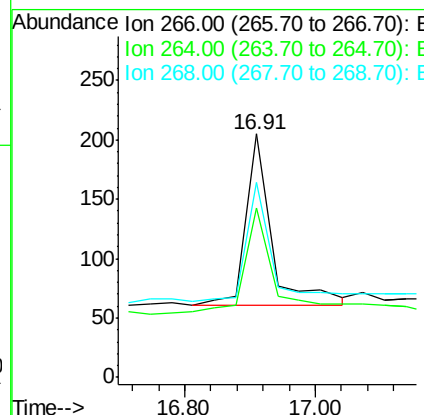
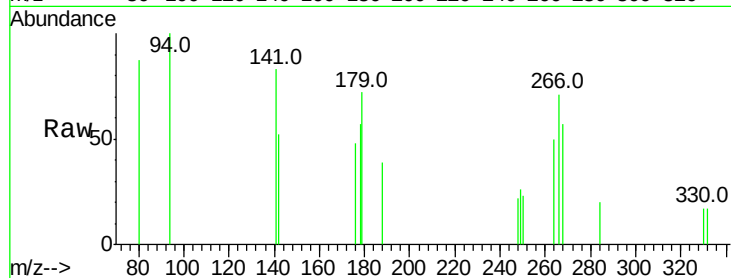




#22
 Pentachlorophenol
 Concen: 0.233 ng
 RT: 16.91 min Scan# 1233
 Delta R.T. 0.00 min
 Lab File: BE093516.D
 Acq: 21 Jul 2017 19:56

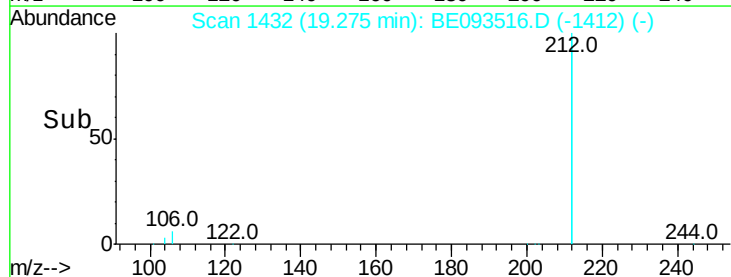
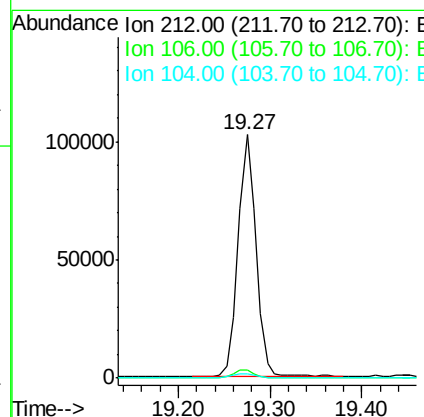
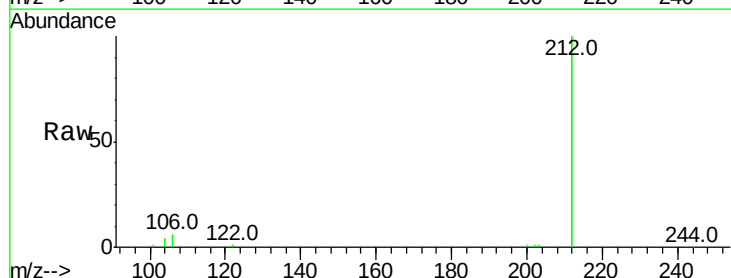
Instrument :
 BNA_E
 ClientSampled :
 3563-PP3

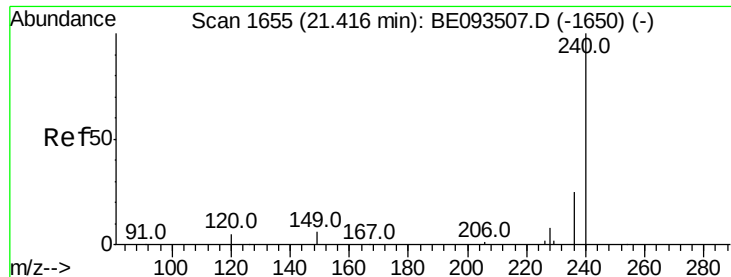
Tot Ion:266 Resp: 395
 Ion Ratio Lower Upper
 266 100
 264 69.8 56.0 84.0
 268 80.0 52.0 78.0#



#25
 Fluoranthene-d10
 Concen: 0.289 ng
 RT: 19.27 min Scan# 1432
 Delta R.T. 0.00 min
 Lab File: BE093516.D
 Acq: 21 Jul 2017 19:56

Tgt Ion:212 Resp: 136464
 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: BE093516.D

Acq: 21 Jul 2017 19:56

Instrument :

BNA_E

ClientSampleId :

3563-PP3

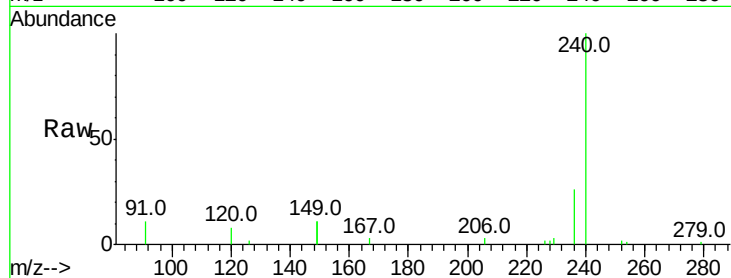
Tot Ion:240 Resp: 34685

Ion Ratio Lower Upper

240 100

120 7.8 4.6 7.0#

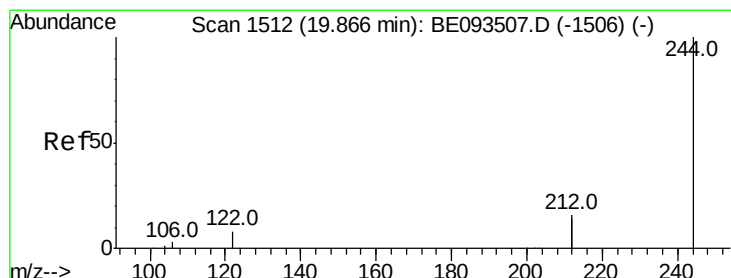
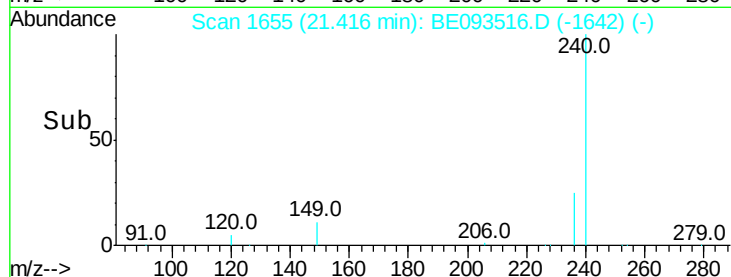
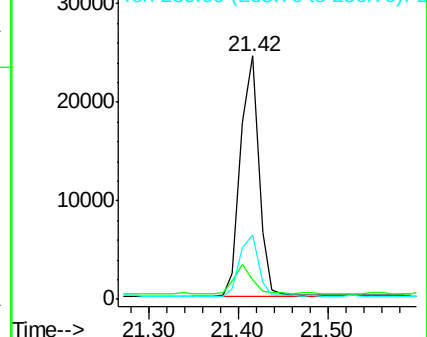
236 26.2 20.8 31.2



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: 0.736 ng

RT: 19.87 min Scan# 1512

Delta R.T. 0.00 min

Lab File: BE093516.D

Acq: 21 Jul 2017 19:56

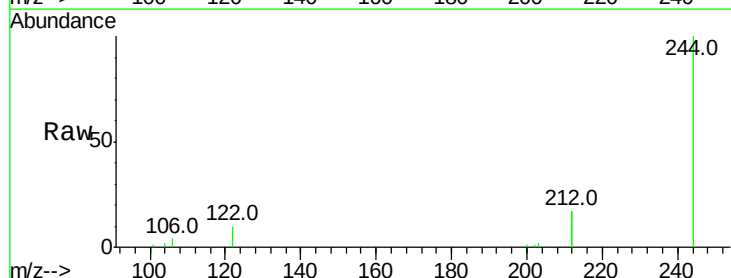
Tgt Ion:244 Resp: 46474

Ion Ratio Lower Upper

244 100

212 33.3 10.6 16.0#

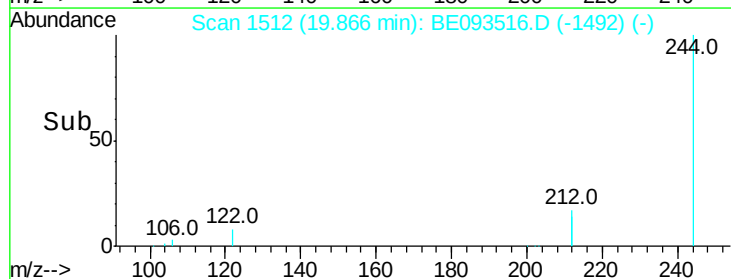
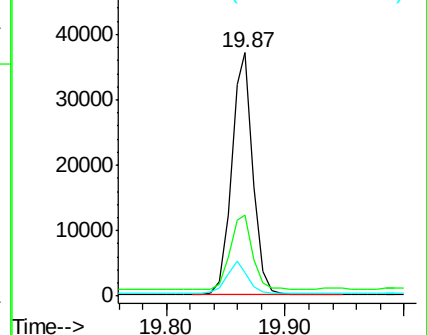
122 9.6 15.4 23.0#

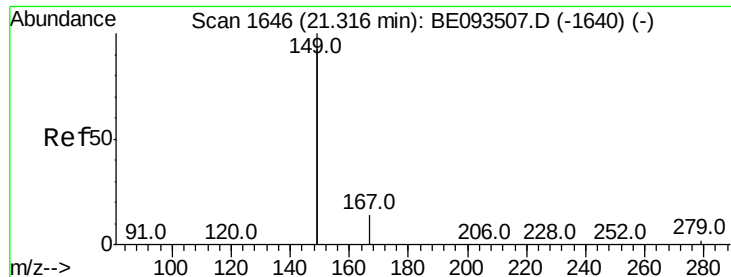


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.230 ng

RT: 21.32 min Scan# 1646

Delta R.T. 0.00 min

Lab File: BE093516.D

Acq: 21 Jul 2017 19:56

Instrument :

BNA_E

ClientSampleId :

3563-PP3

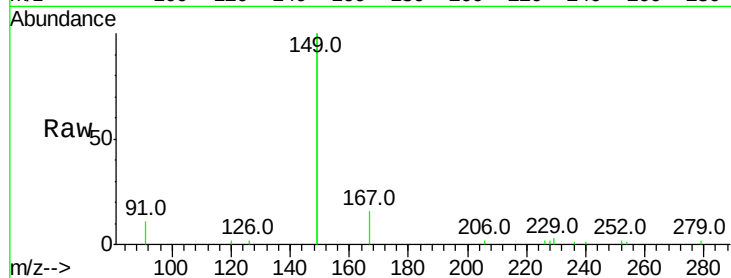
Tot Ion:149 Resp: 52808

Ion Ratio Lower Upper

149 100

167 6.6 4.8 7.2

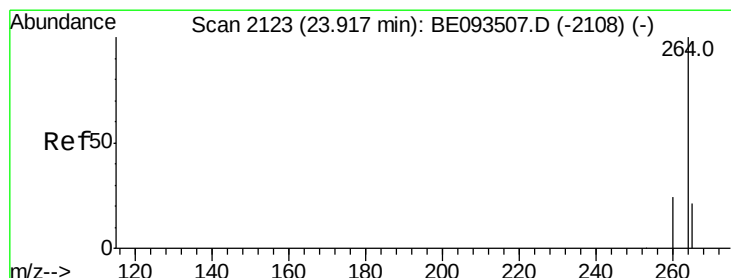
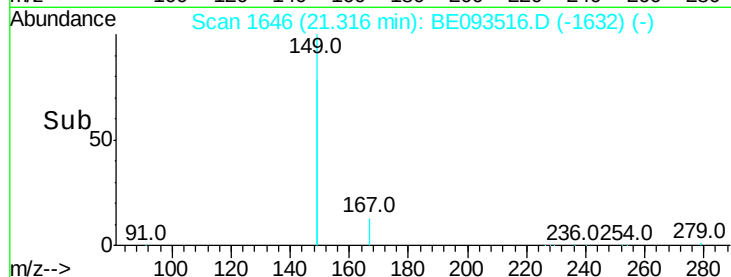
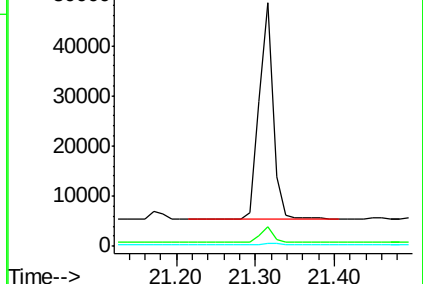
279 1.1 0.8 1.2



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

Perylene-d12

Concen: 0.400 ng

RT: 23.92 min Scan# 2123

Delta R.T. 0.00 min

Lab File: BE093516.D

Acq: 21 Jul 2017 19:56

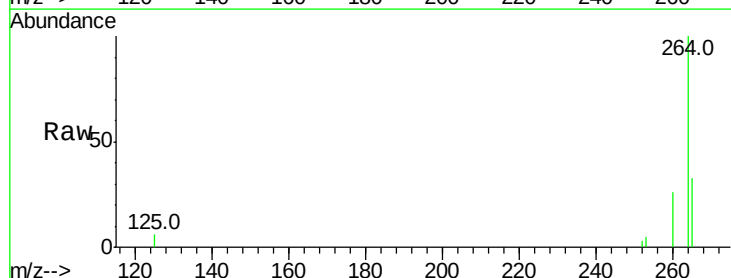
Tgt Ion:264 Resp: 29241

Ion Ratio Lower Upper

264 100

260 26.0 21.0 31.4

265 33.0 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

