

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE090117\
 Data File : BE093923.D
 Acq On : 2 Sep 2017 7:11
 Operator : SJ/JU
 Sample : I4963-11
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 3830-PA2

Quant Time: Sep 05 17:14:43 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE082617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 01 16:31:36 2017
 Response via : Initial Calibration

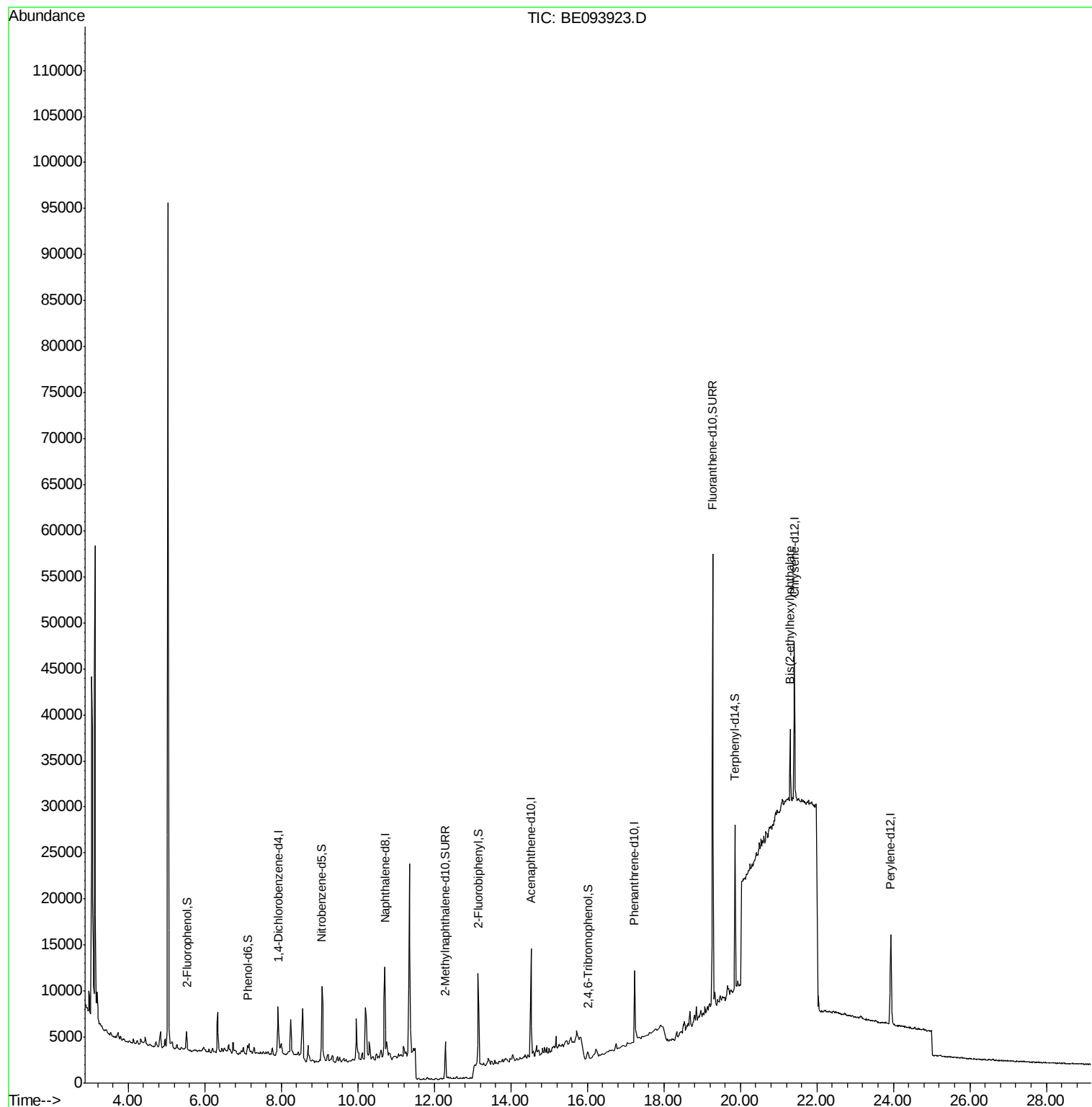
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	2383	0.40	ng	0.00
7) Naphthalene-d8	10.71	136	12148	0.40	ng	0.00
13) Acenaphthene-d10	14.52	164	7037	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	12308	0.40	ng	0.00
27) Chrysene-d12	21.42	240	17517	0.40	ng	0.00
34) Perylene-d12	23.93	264	14917	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.53	112	1206	0.16	ng	0.01
5) Phenol-d6	7.11	99	1058	0.09	ng	0.02
8) Nitrobenzene-d5	9.06	82	3840	0.38	ng	0.00
11) 2-Methylnaphthalene-d10	12.29	152	6095	0.32	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	759	0.40	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	10380	0.37	ng	-0.01
25) Fluoranthene-d10	19.27	212	63976	0.45	ng	0.00
29) Terphenyl-d14	19.86	244	15874	0.50	ng	0.00
Target Compounds						
32) Bis(2-ethylhexyl)phthalate	21.30	149	8607	0.078	ng	Qvalue # 93

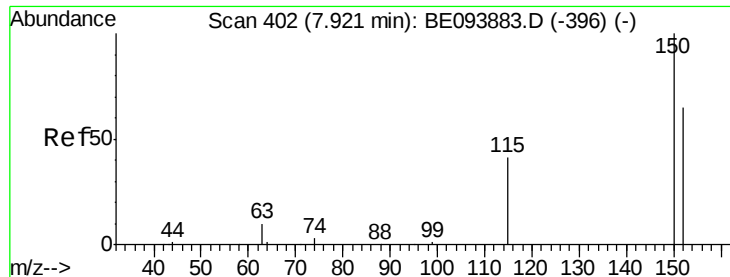
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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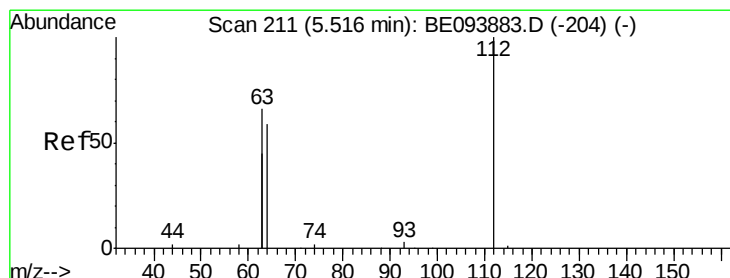
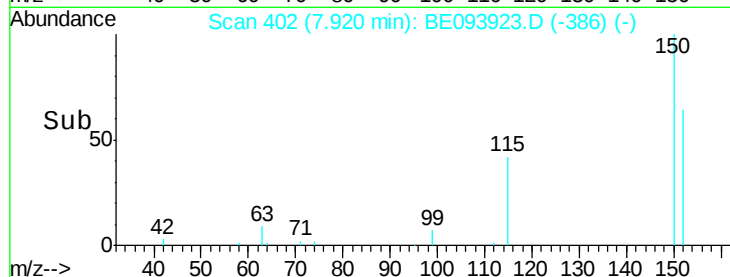
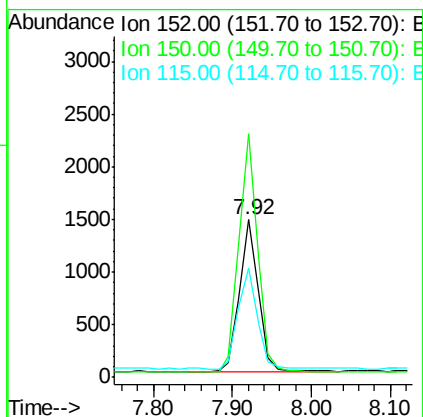
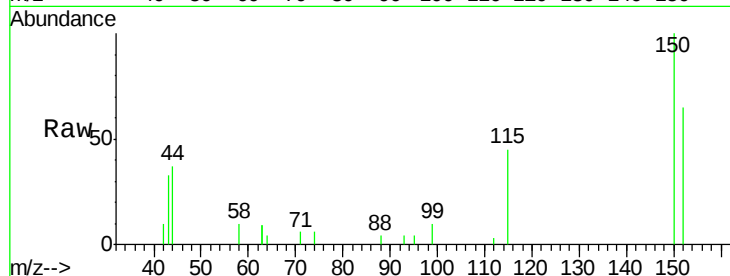


#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.92 min Scan# 402
Delta R.T. -0.00 min
Lab File: BE093923.D
Acq: 2 Sep 2017 7:11

Instrument :
BNA_E
ClientSampleId :
3830-PA2

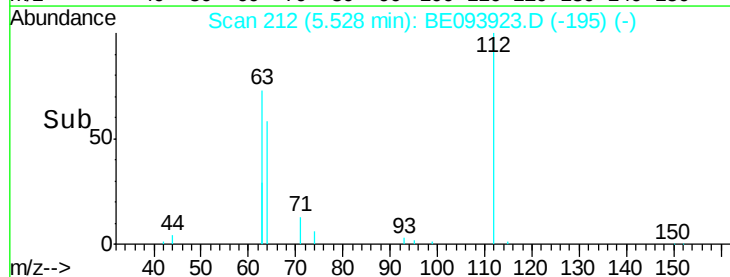
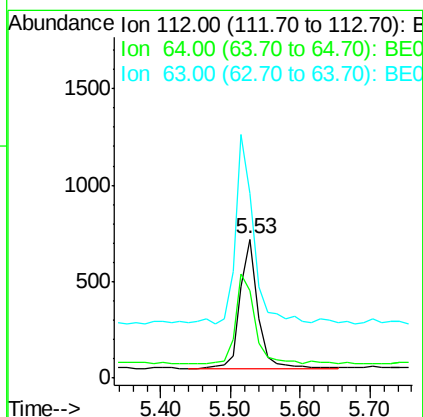
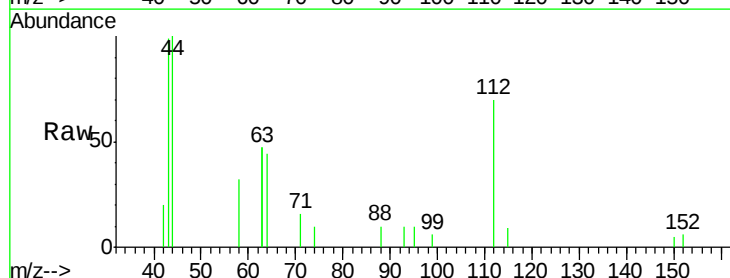
Tgt Ion:152 Resp: 2383
Ion Ratio Lower Upper
152 100
150 154.5 121.8 182.6
115 69.6 52.6 79.0

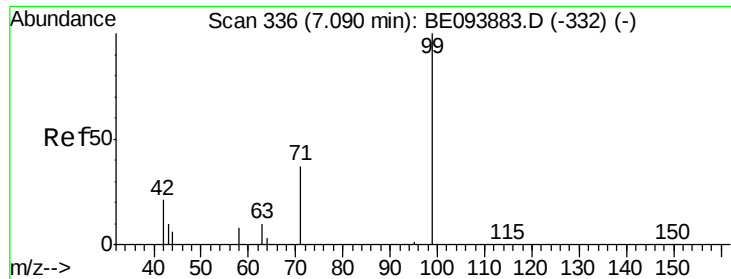


#4

2-Fluorophenol
Concen: 0.164 ng
RT: 5.53 min Scan# 212
Delta R.T. 0.01 min
Lab File: BE093923.D
Acq: 2 Sep 2017 7:11

Tgt Ion:112 Resp: 1206
Ion Ratio Lower Upper
112 100
64 72.7 57.7 86.5
63 144.8 116.0 174.0





#5

Phenol-d6

Concen: 0.094 ng

RT: 7.11 min Scan# 338

Delta R.T. 0.02 min

Lab File: BE093923.D

Acq: 2 Sep 2017 7:11

Instrument :

BNA_E

ClientSampled :

3830-PA2

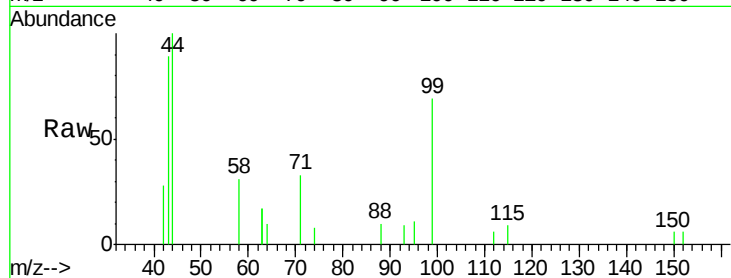
Tgt Ion: 99 Resp: 1058

Ion Ratio Lower Upper

99 100

42 0.0 17.1 25.7#

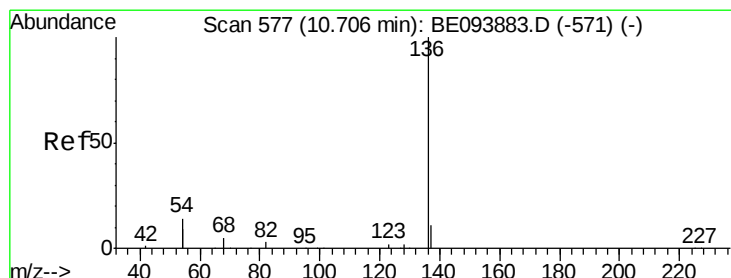
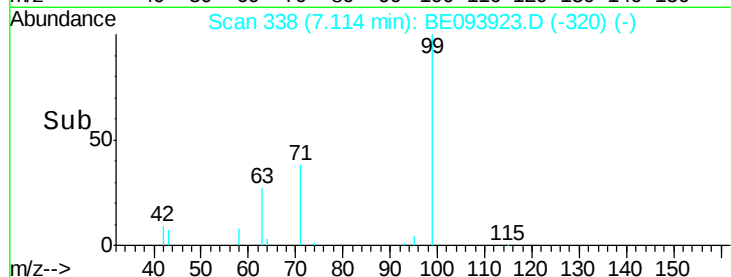
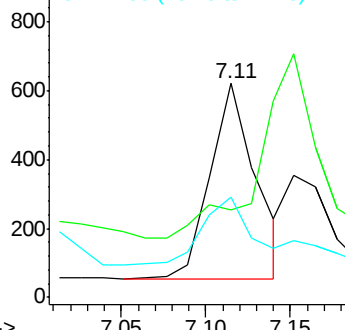
71 56.5 26.6 39.8#



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: BE093923.D

Acq: 2 Sep 2017 7:11

Tgt Ion: 136 Resp: 12148

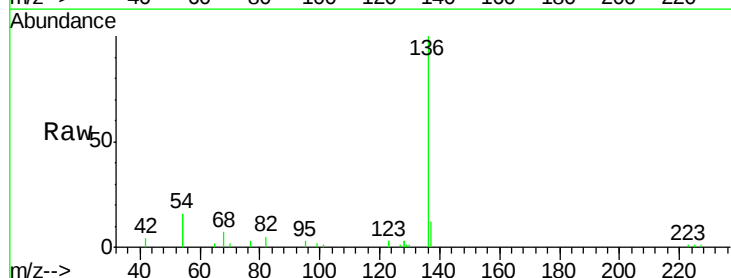
Ion Ratio Lower Upper

136 100

137 12.0 9.2 13.8

54 31.6 21.9 32.9

68 7.1 4.6 7.0#

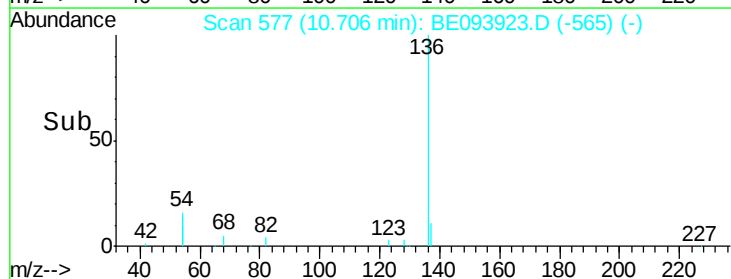
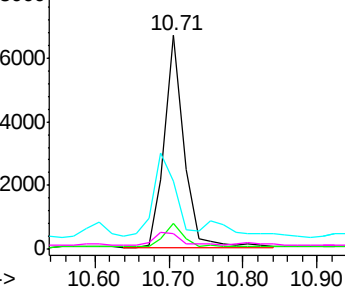


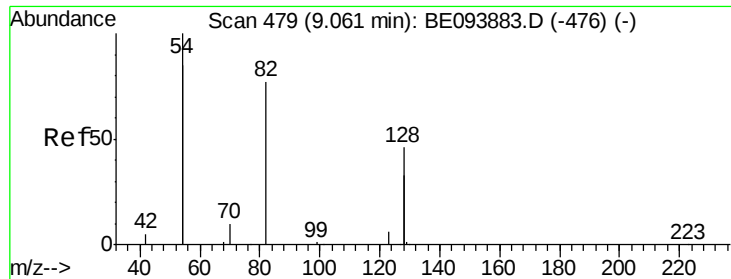
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.380 ng

RT: 9.06 min Scan# 479

Delta R.T. -0.00 min

Lab File: BE093923.D

Acq: 2 Sep 2017 7:11

Instrument :

BNA_E

ClientSampleId :

3830-PA2

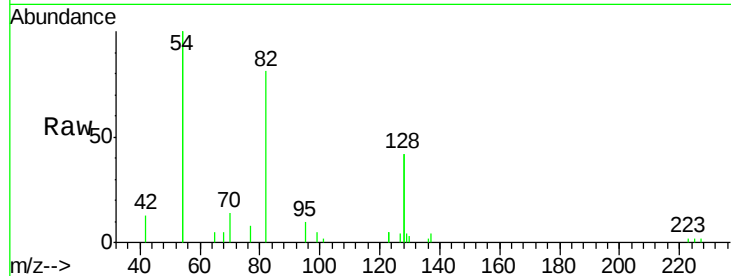
Tgt Ion: 82 Resp: 3840

Ion Ratio Lower Upper

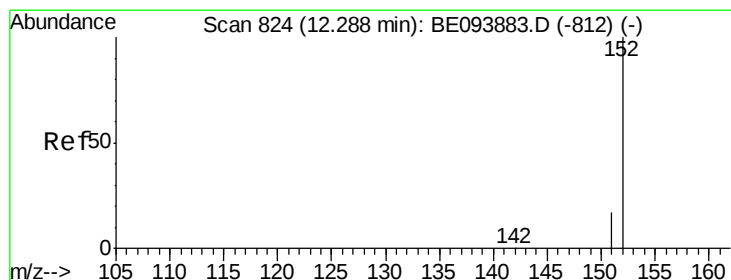
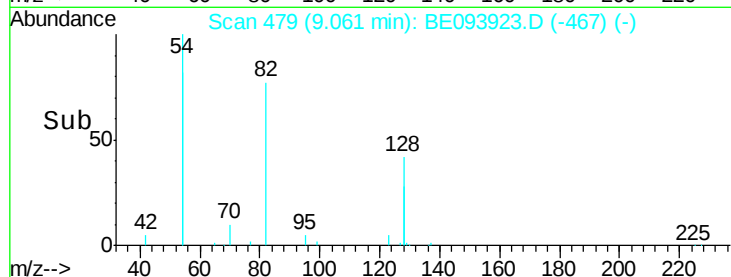
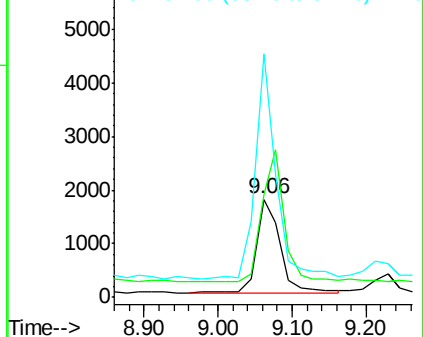
82 100

128 105.1 91.4 137.0

54 247.7 197.8 296.8



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: 0.317 ng

RT: 12.29 min Scan# 824

Delta R.T. -0.00 min

Lab File: BE093923.D

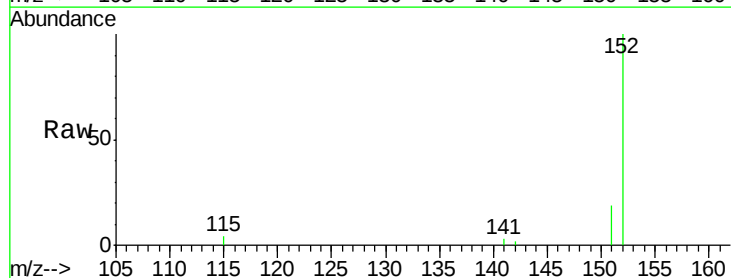
Acq: 2 Sep 2017 7:11

Tgt Ion: 152 Resp: 6095

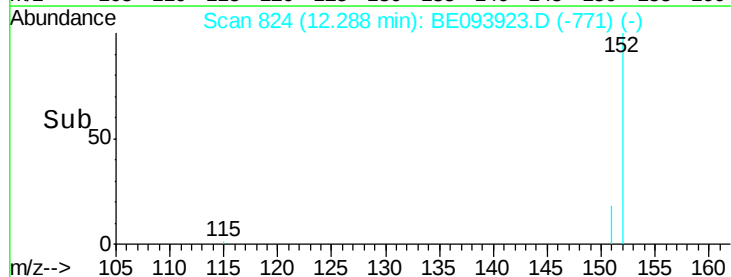
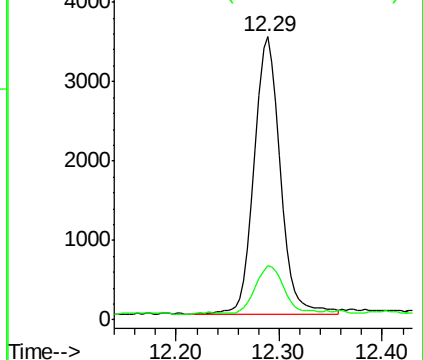
Ion Ratio Lower Upper

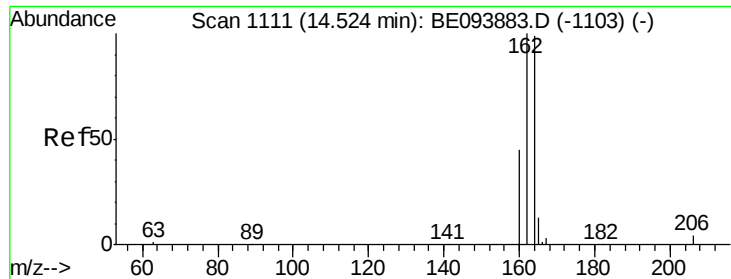
152 100

151 18.5 15.4 23.0



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

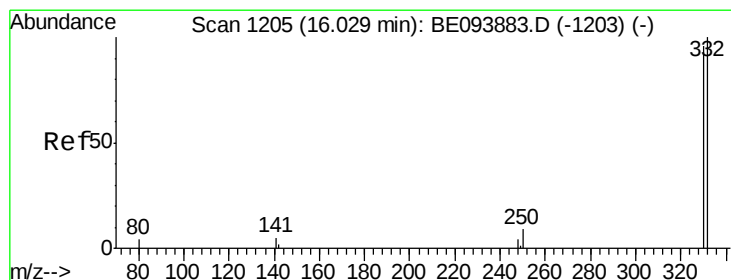
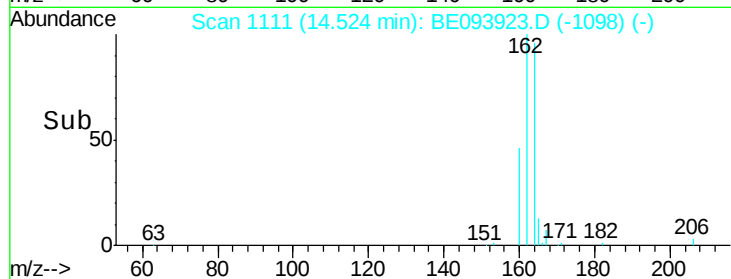
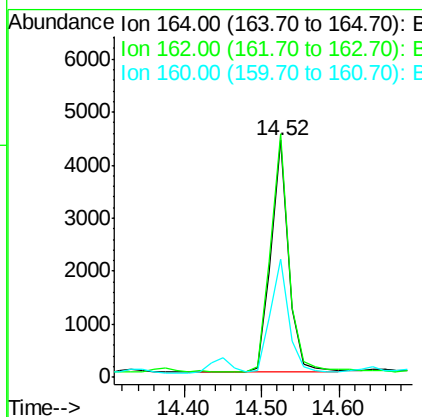
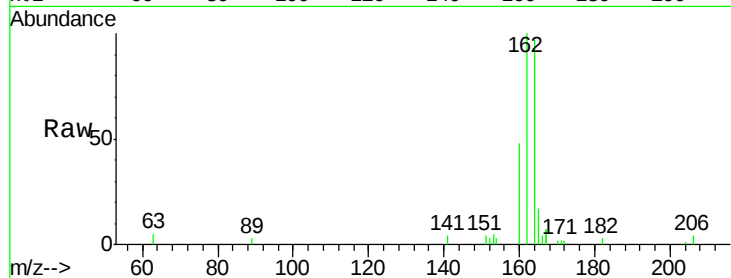




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.52 min Scan# 1111
 Delta R.T. -0.00 min
 Lab File: BE093923.D
 Acq: 2 Sep 2017 7:11

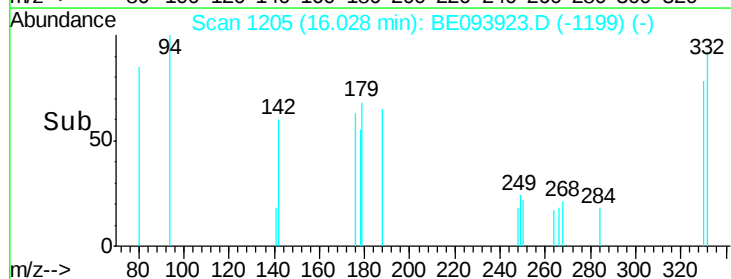
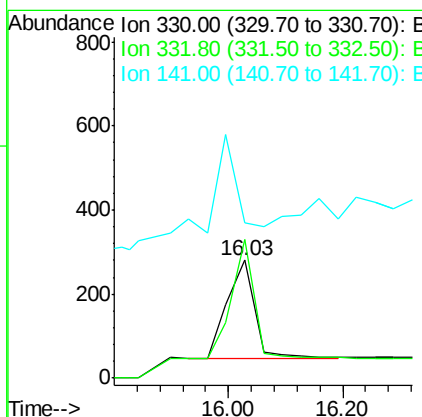
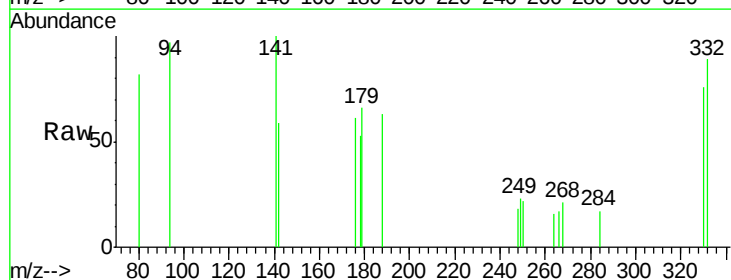
Instrument :
 BNA_E
 ClientSampleId :
 3830-PA2

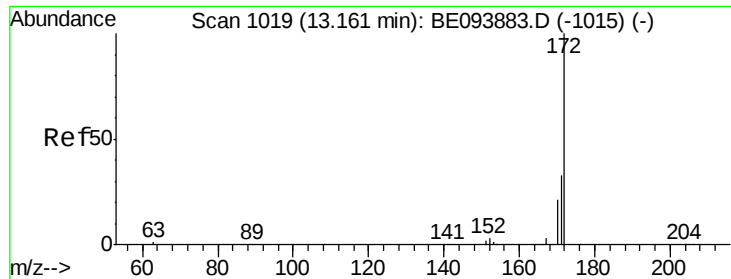
Tgt Ion:164 Resp: 7037
 Ion Ratio Lower Upper
 164 100
 162 102.8 80.8 121.2
 160 49.7 37.0 55.4



#14
 2,4,6-Tribromophenol
 Concen: 0.402 ng
 RT: 16.03 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BE093923.D
 Acq: 2 Sep 2017 7:11

Tgt Ion:330 Resp: 759
 Ion Ratio Lower Upper
 330 100
 332 101.1 76.9 115.3
 141 0.0 0.0 0.0

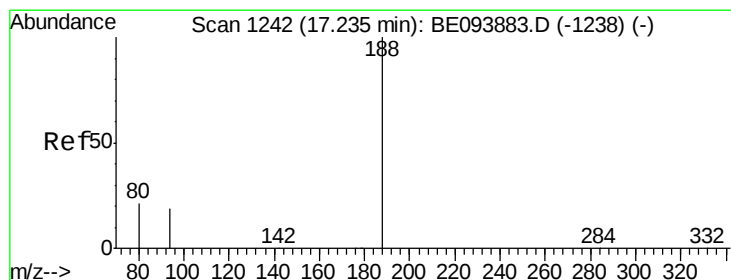
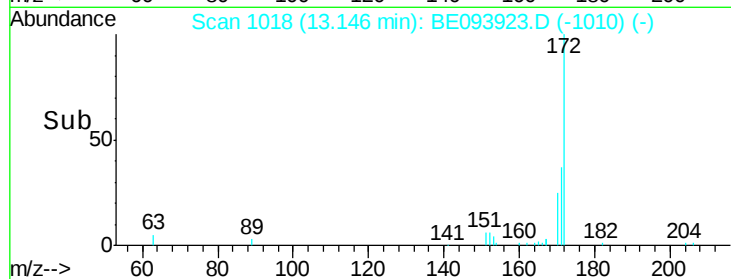
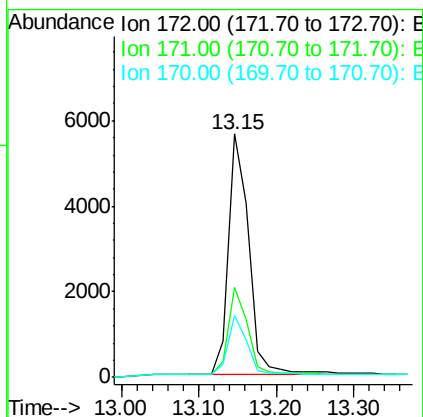
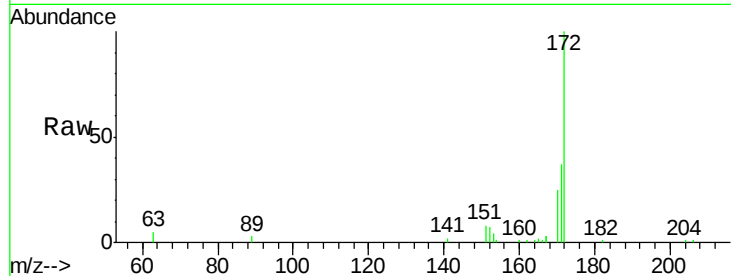




#15
2-Fluorobiphenyl
Concen: 0.371 ng
RT: 13.15 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BE093923.D
Acq: 2 Sep 2017 7:11

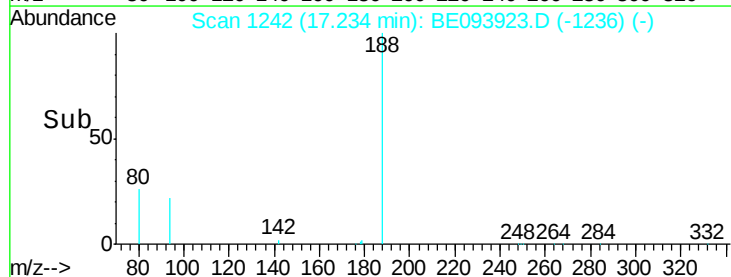
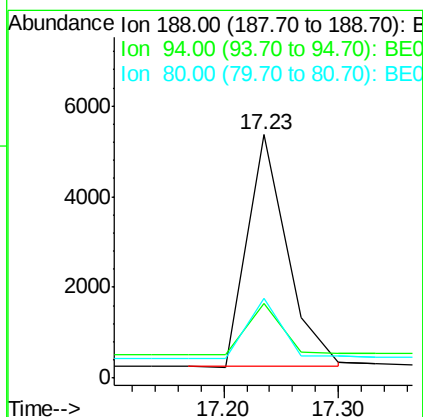
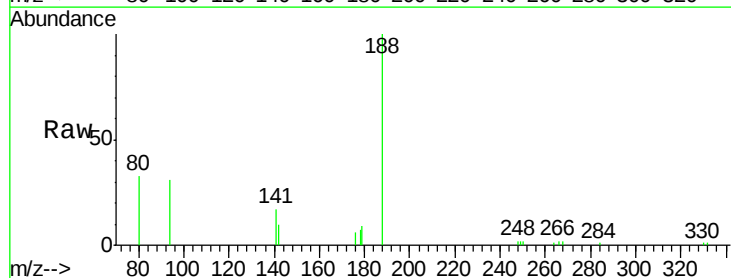
Instrument :
BNA_E
ClientSampleId :
3830-PA2

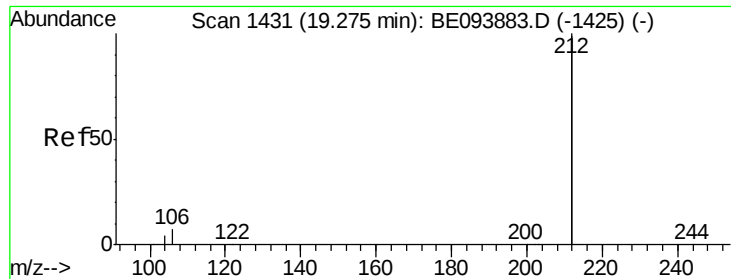
Tgt Ion:172 Resp: 10380
Ion Ratio Lower Upper
172 100
171 37.0 26.9 40.3
170 25.5 17.3 25.9



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.23 min Scan# 1242
Delta R.T. 0.00 min
Lab File: BE093923.D
Acq: 2 Sep 2017 7:11

Tgt Ion:188 Resp: 12308
Ion Ratio Lower Upper
188 100
94 30.5 16.1 24.1#
80 32.8 18.2 27.2#





#25

Fluoranthene-d10

Concen: 0.451 ng

RT: 19.27 min Scan# 1431

Delta R.T. 0.00 min

Lab File: BE093923.D

Acq: 2 Sep 2017 7:11

Instrument :

BNA_E

ClientSampleId :

3830-PA2

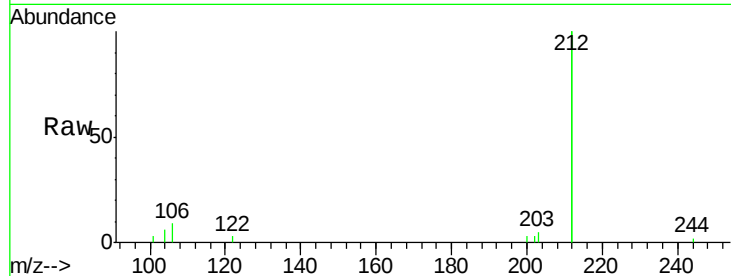
Tgt Ion:212 Resp: 63976

Ion Ratio Lower Upper

212 100

106 3.5 2.7 4.1

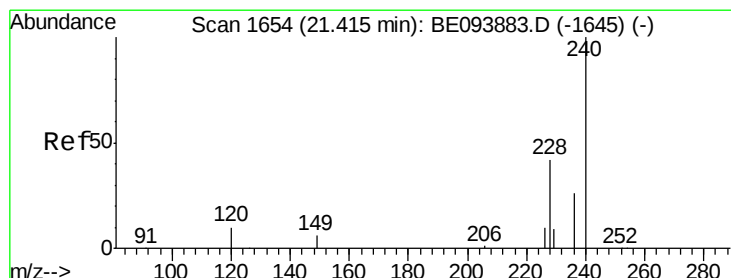
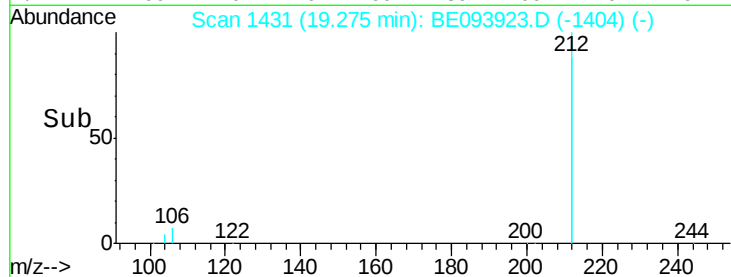
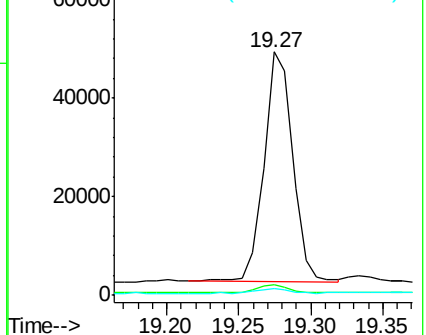
104 2.0 1.6 2.4



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# 1654

Delta R.T. 0.00 min

Lab File: BE093923.D

Acq: 2 Sep 2017 7:11

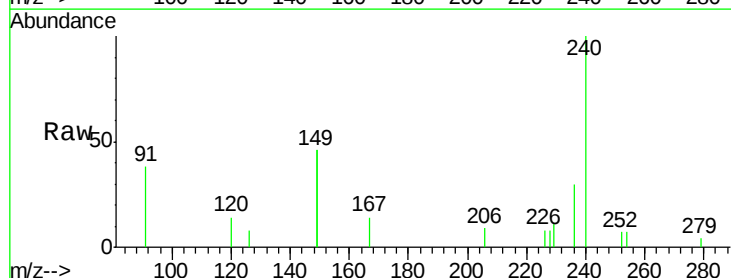
Tgt Ion:240 Resp: 17517

Ion Ratio Lower Upper

240 100

120 14.5 8.7 13.1#

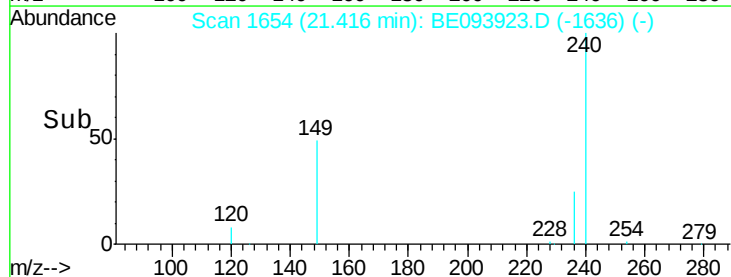
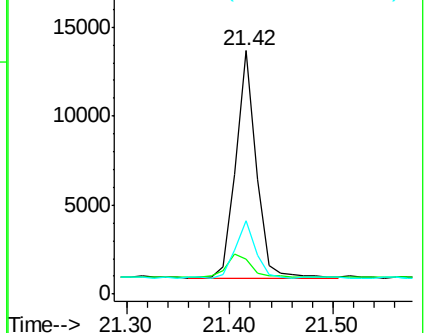
236 30.2 21.3 31.9

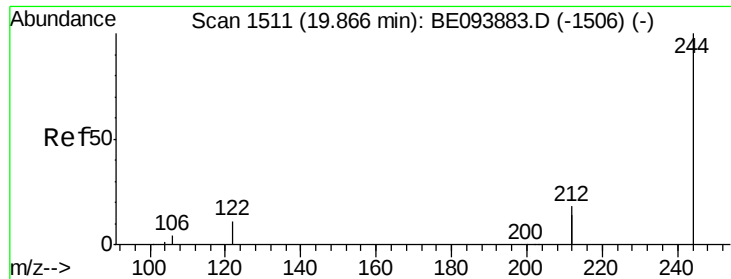


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.501 ng

RT: 19.86 min Scan# 1510

Delta R.T. -0.01 min

Lab File: BE093923.D

Acq: 2 Sep 2017 7:11

Instrument :

BNA_E

ClientSampleId :

3830-PA2

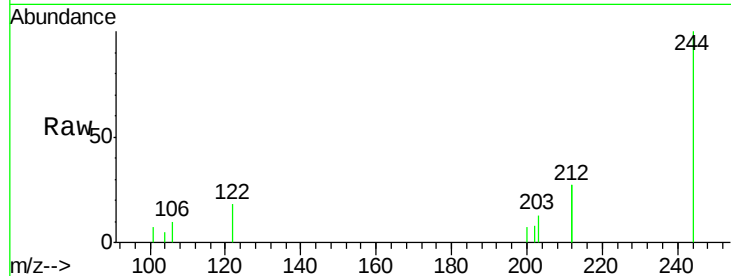
Tgt Ion:244 Resp: 15874

Ion Ratio Lower Upper

244 100

212 54.4 28.3 42.5#

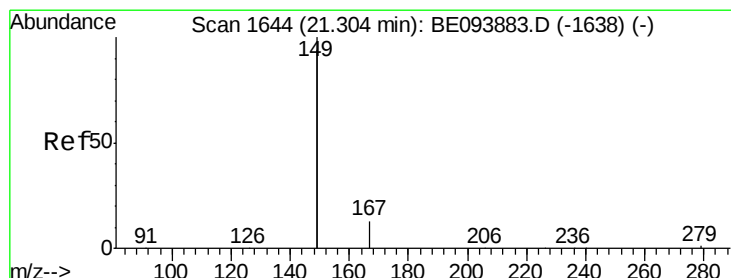
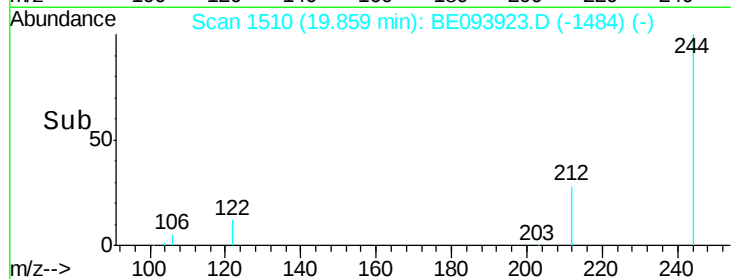
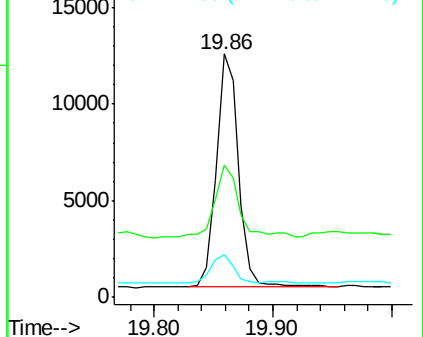
122 17.7 9.4 14.0#



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: 0.078 ng

RT: 21.30 min Scan# 1644

Delta R.T. 0.00 min

Lab File: BE093923.D

Acq: 2 Sep 2017 7:11

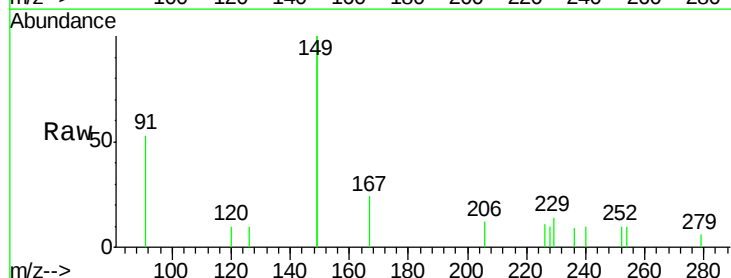
Tgt Ion:149 Resp: 8607

Ion Ratio Lower Upper

149 100

167 9.1 5.4 8.0#

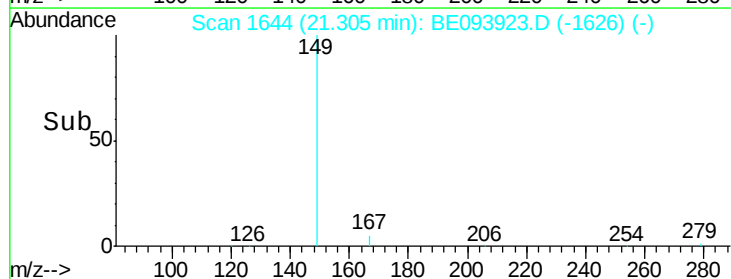
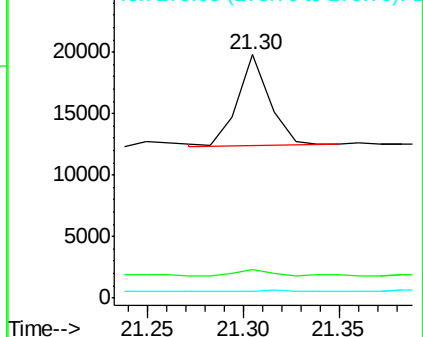
279 2.2 0.7 1.1#

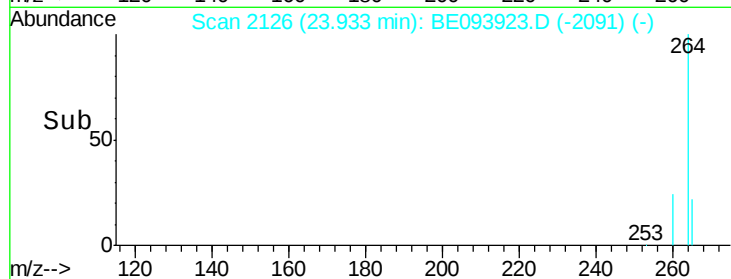
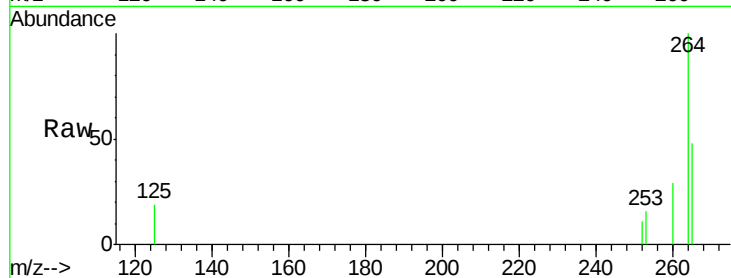
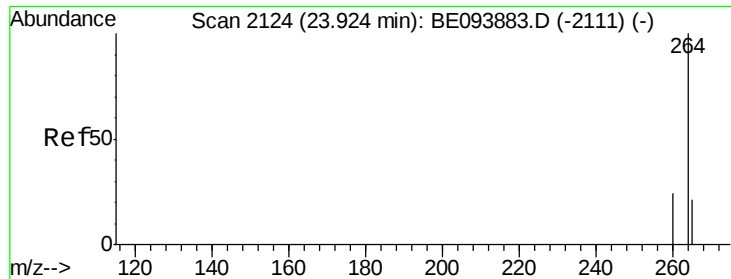


Abundance Ion 149.00 (148.70 to 149.70): E

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: 23.93 min Scan# 2126

Delta R.T. 0.01 min

Lab File: BE093923.D

Acq: 2 Sep 2017 7:11

Instrument :

BNA_E

ClientSampleId :

3830-PA2

Tgt Ion:264 Resp: 14917

Ion Ratio Lower Upper

264 100

260 29.0 20.0 30.0

265 48.0 24.0 36.0

