

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE091117\
 Data File : BE093961.D
 Acq On : 11 Sep 2017 14:03
 Operator : SJ/JU
 Sample : I5167-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 CPS123061

Quant Time: Sep 12 07:41:29 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE090517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 05 13:34:56 2017
 Response via : Initial Calibration

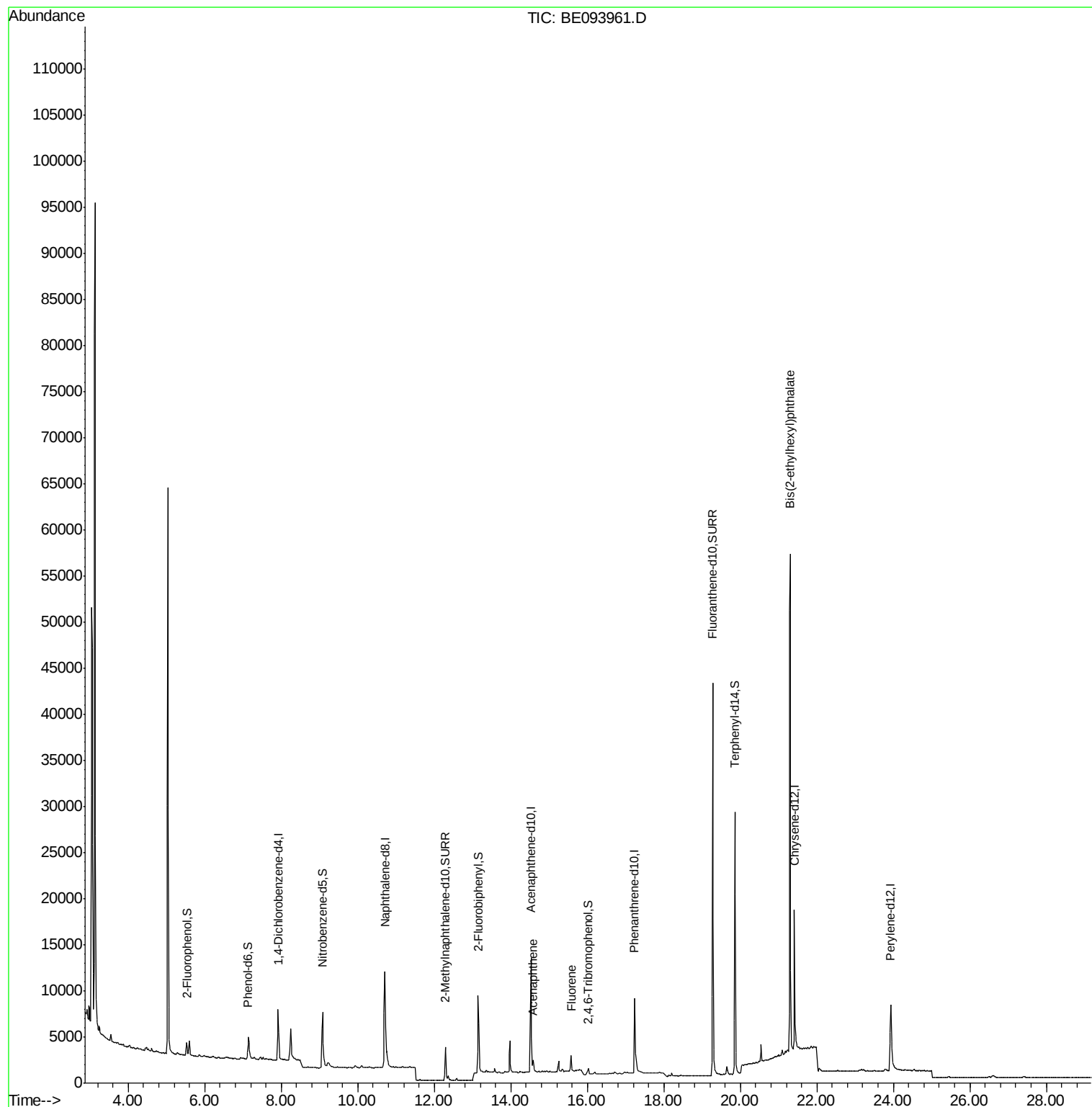
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	2777	0.40	ng	0.00
7) Naphthalene-d8	10.71	136	14093	0.40	ng	0.00
13) Acenaphthene-d10	14.52	164	8134	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	15456	0.40	ng	-0.03
27) Chrysene-d12	21.42	240	18547	0.40	ng	-0.01
34) Perylene-d12	23.93	264	14765	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.53	112	1021	0.11	ng	0.00
5) Phenol-d6	7.11	99	866	0.06	ng	0.00
8) Nitrobenzene-d5	9.08	82	3402	0.29	ng	0.00
11) 2-Methylnaphthalene-d10	12.29	152	6315	0.28	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	686	0.27	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	9402	0.29	ng	-0.01
25) Fluoranthene-d10	19.27	212	61704	0.27	ng	0.00
29) Terphenyl-d14	19.86	244	25975	0.76	ng	-0.01
Target Compounds						Qvalue
17) Acenaphthene	14.58	154	669	0.024	ng	97
18) Fluorene	15.58	166	1339	0.038	ng	96
20) 4-Bromophenyl-phenylether	16.45	248	33	Below Cal	#	39
23) Phenanthrene	17.30	178	913	Below Cal	#	88
32) Bis(2-ethylhexyl)phthalate	21.30	149	73856	0.534	ng	100

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

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QLast Update : Tue Sep 05 13:34:56 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.92 min Scan# 402

Delta R.T. -0.00 min

Lab File: BE093961.D

Acq: 11 Sep 2017 14:03

Instrument :

BNA_E

ClientSampleId :

CPS123061

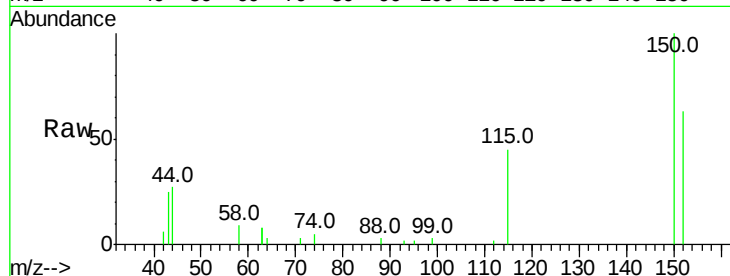
Tot Ion:152 Resp: 2777

Ion Ratio Lower Upper

152 100

150 157.7 121.8 182.6

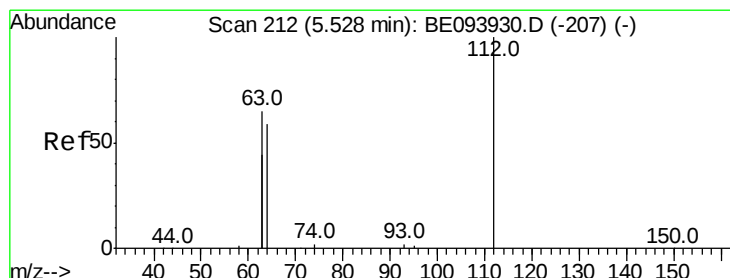
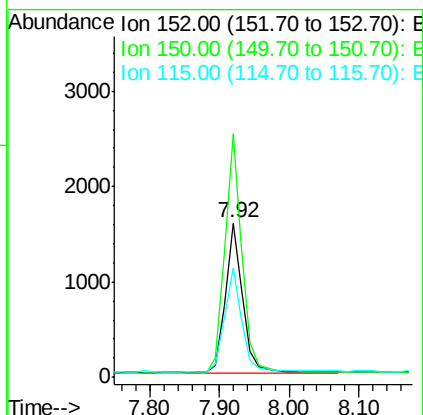
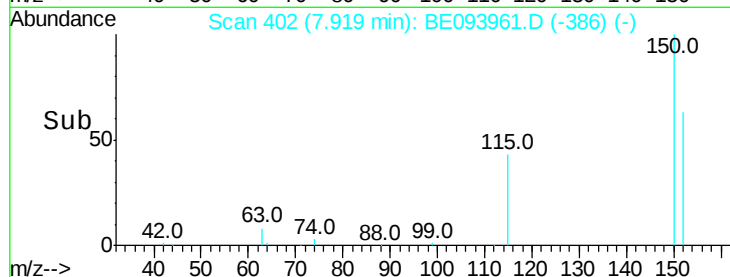
115 70.8 52.6 79.0



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



#4

2-Fluorophenol

Concen: 0.114 ng

RT: 5.53 min Scan# 212

Delta R.T. -0.00 min

Lab File: BE093961.D

Acq: 11 Sep 2017 14:03

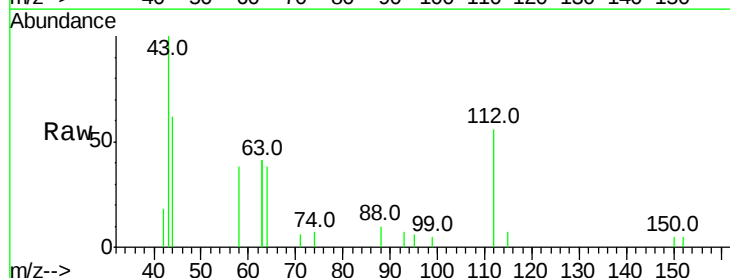
Tgt Ion:112 Resp: 1021

Ion Ratio Lower Upper

112 100

64 75.0 57.7 86.5

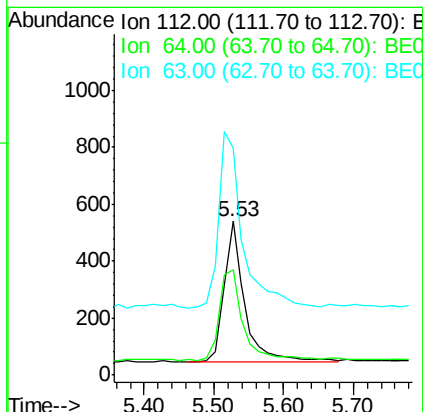
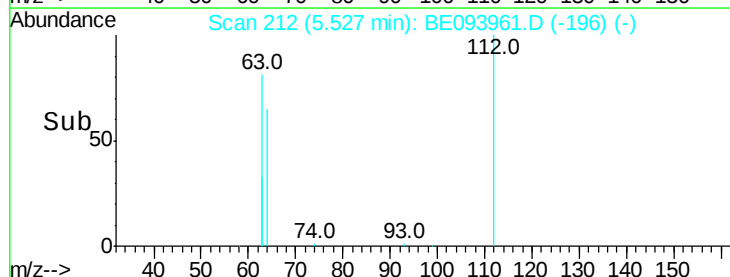
63 146.0 116.0 174.0

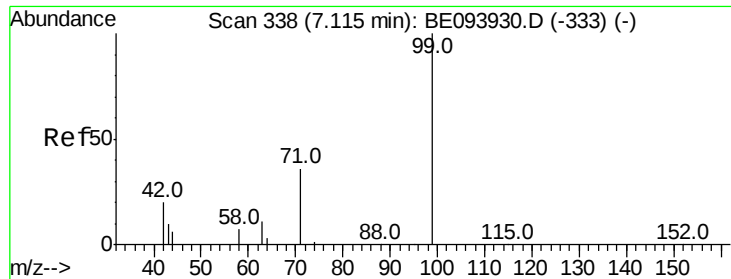


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.064 ng

RT: 7.11 min Scan# 338

Delta R.T. -0.00 min

Lab File: BE093961.D

Acq: 11 Sep 2017 14:03

Instrument :

BNA_E

ClientSampleId :

CPS123061

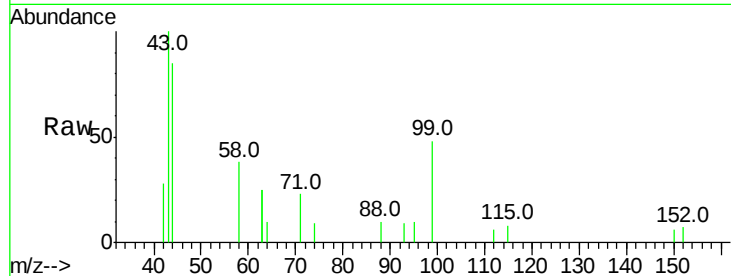
Tot Ion: 99 Resp: 866

Ion Ratio Lower Upper

99 100

42 37.2 17.1 25.7#

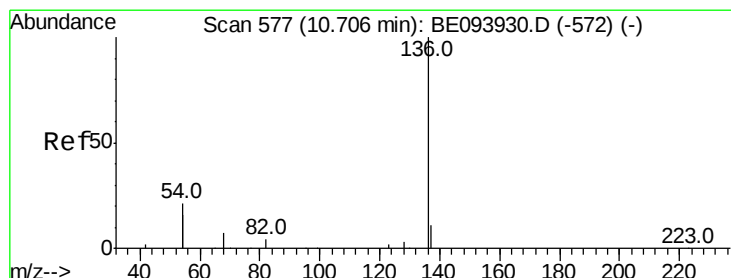
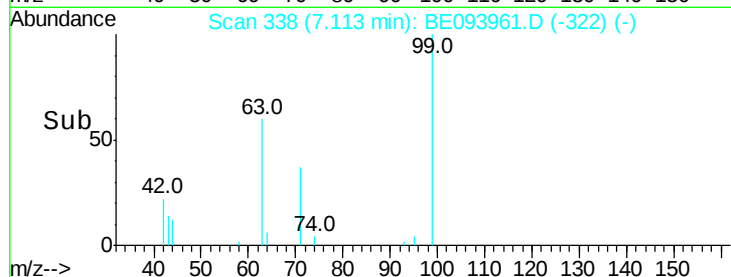
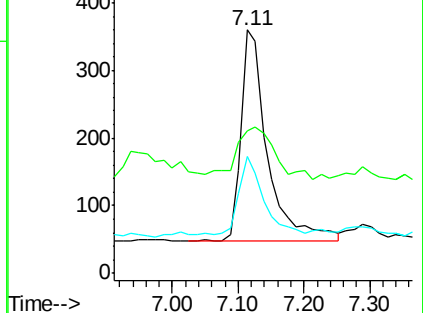
71 35.8 26.6 39.8



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: BE093961.D

Acq: 11 Sep 2017 14:03

Tgt Ion: 136 Resp: 14093

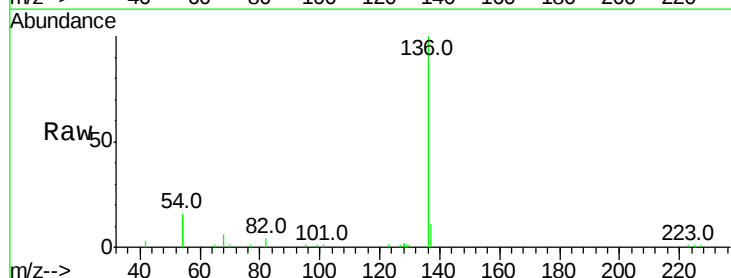
Ion Ratio Lower Upper

136 100

137 11.3 9.2 13.8

54 32.8 21.9 32.9

68 6.4 4.6 7.0

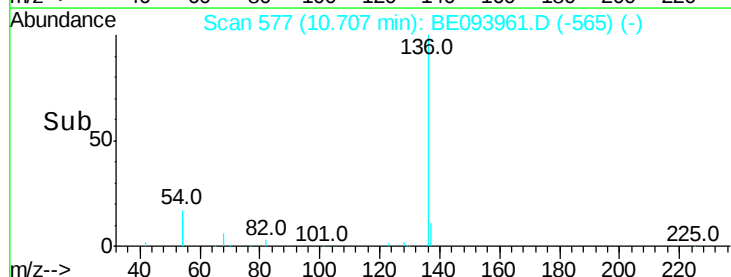
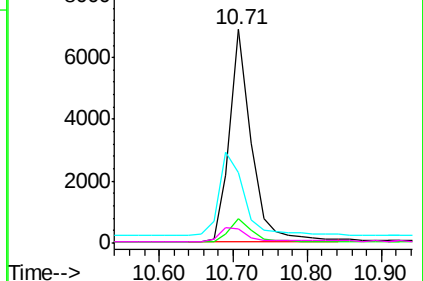


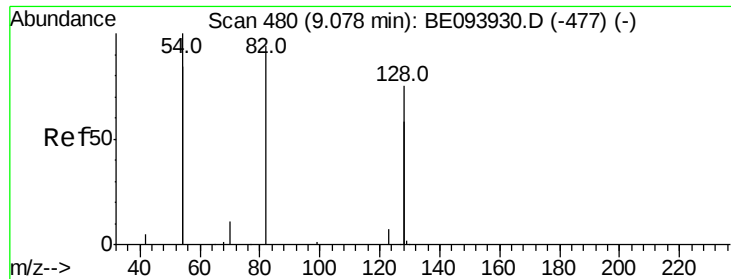
Abundance Ion 136.00 (135.70 to 136.70): E

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

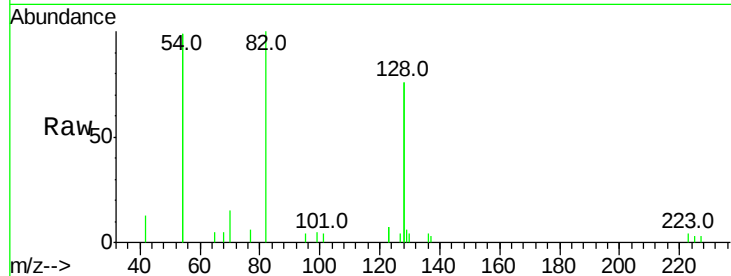




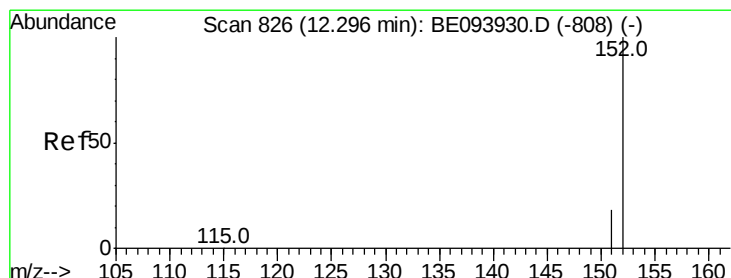
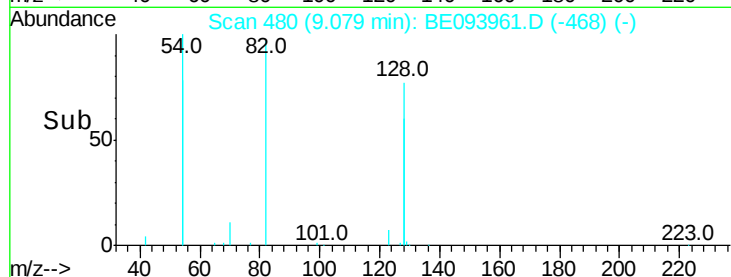
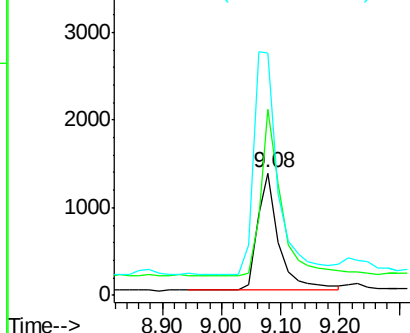
#8
 Nitrobenzene-d5
 Concen: 0.285 ng
 RT: 9.08 min Scan# 480
 Delta R.T. 0.00 min
 Lab File: BE093961.D
 Acq: 11 Sep 2017 14:03

Instrument :
 BNA_E
 ClientSampleId :
 CPS123061

Tot Ion: 82 Resp: 3402
 Ion Ratio Lower Upper
 82 100
 128 152.0 91.4 137.0#
 54 197.9 197.8 296.8

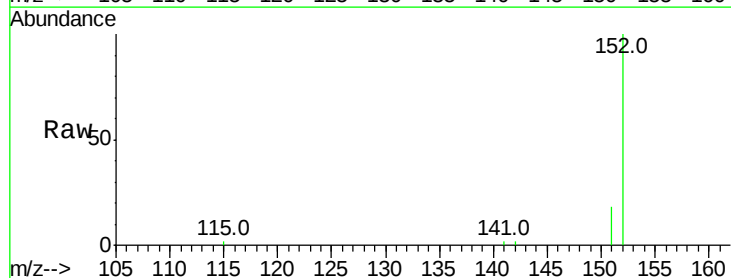


Abundance Ion 82.00 (81.70 to 82.70): BE0
 Ion 128.00 (127.70 to 128.70): BE0
 Ion 54.00 (53.70 to 54.70): BE0

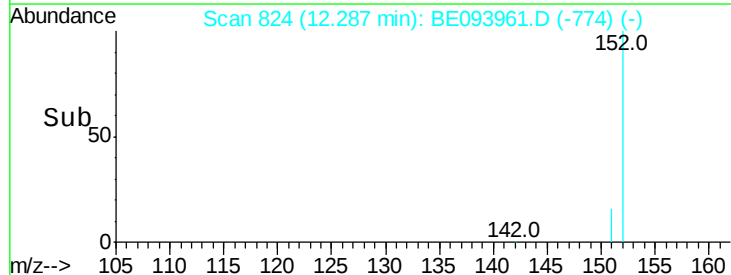
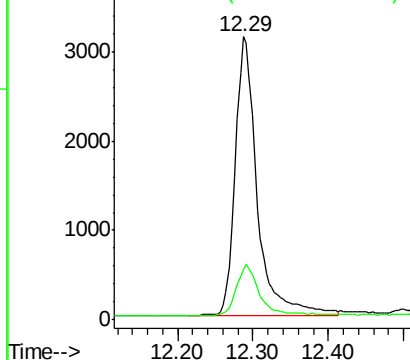


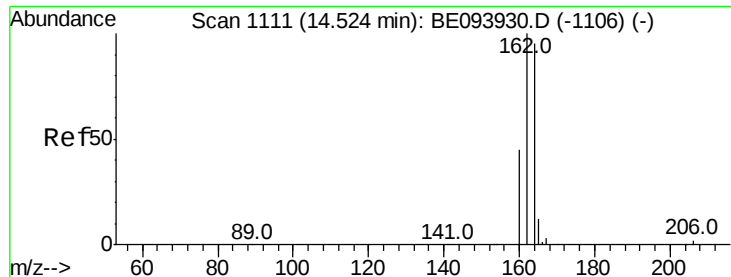
#11
 2-Methylnaphthalene-d10
 Concen: 0.280 ng
 RT: 12.29 min Scan# 824
 Delta R.T. -0.01 min
 Lab File: BE093961.D
 Acq: 11 Sep 2017 14:03

Tgt Ion: 152 Resp: 6315
 Ion Ratio Lower Upper
 152 100
 151 19.2 15.4 23.0



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

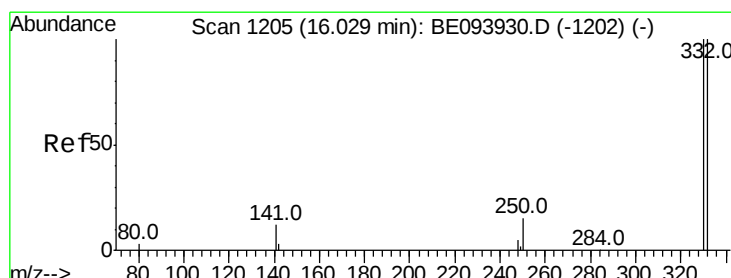
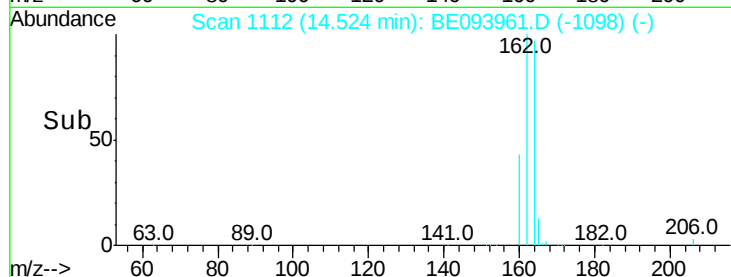
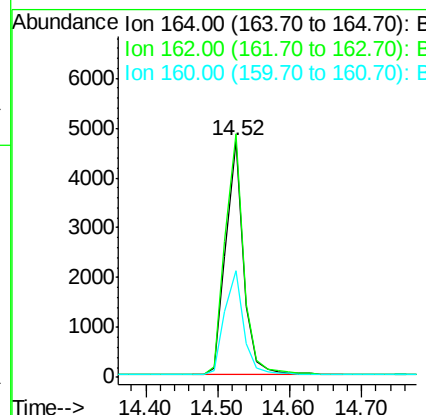
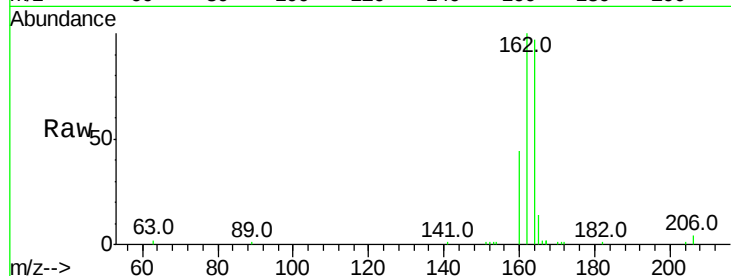




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.52 min Scan# 1112
 Delta R.T. 0.00 min
 Lab File: BE093961.D
 Acq: 11 Sep 2017 14:03

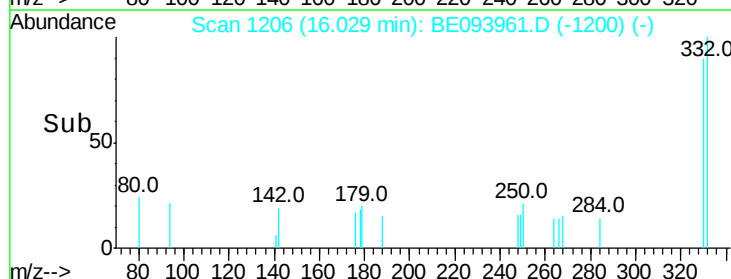
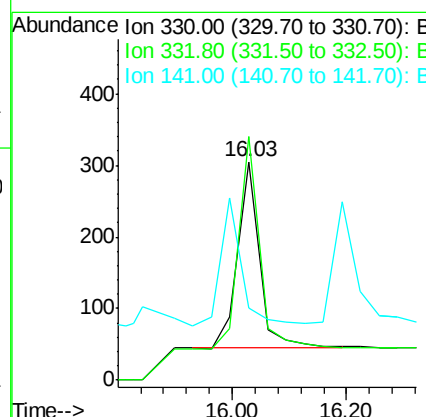
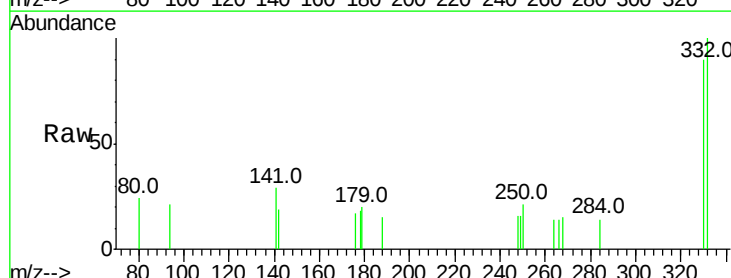
Instrument :
 BNA_E
 ClientSampleId :
 CPS123061

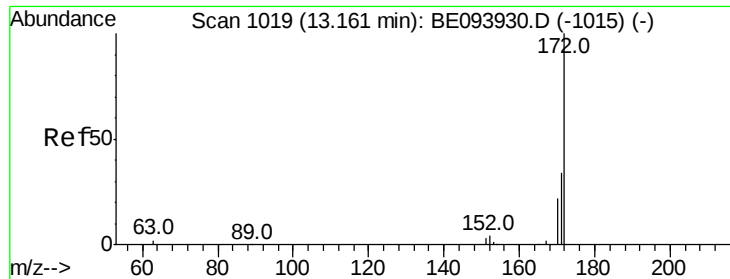
Tot Ion:164 Resp: 8134
 Ion Ratio Lower Upper
 164 100
 162 103.1 80.8 121.2
 160 45.3 37.0 55.4



#14
 2,4,6-Tribromophenol
 Concen: 0.272 ng
 RT: 16.03 min Scan# 1206
 Delta R.T. 0.00 min
 Lab File: BE093961.D
 Acq: 11 Sep 2017 14:03

Tgt Ion:330 Resp: 686
 Ion Ratio Lower Upper
 330 100
 332 107.1 76.9 115.3
 141 0.0 0.0 0.0

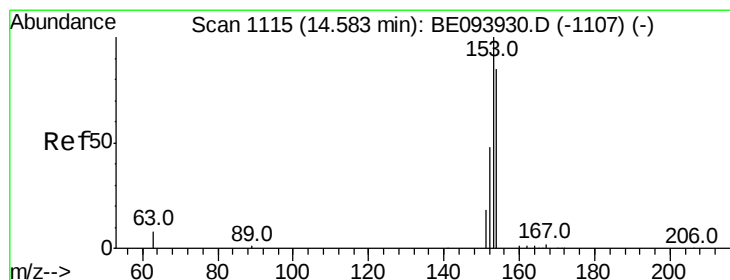
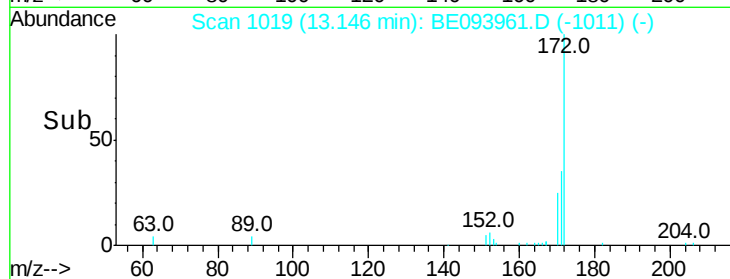
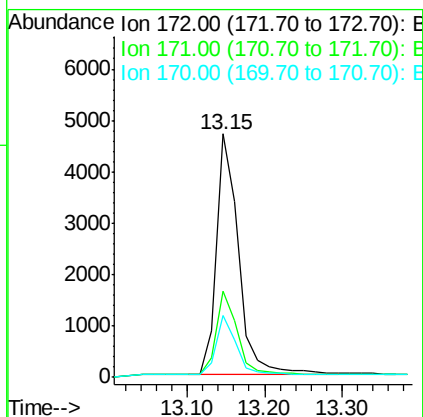
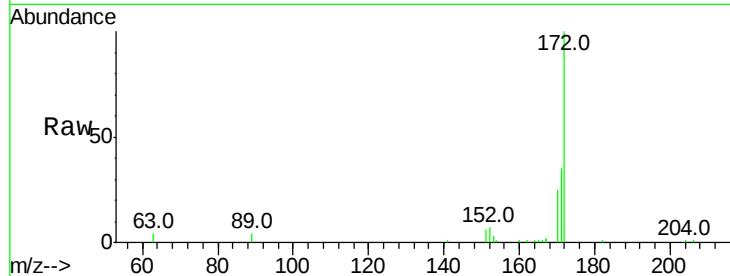




#15
2-Fluorobiphenyl
Concen: 0.292 ng
RT: 13.15 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BE093961.D
Acq: 11 Sep 2017 14:03

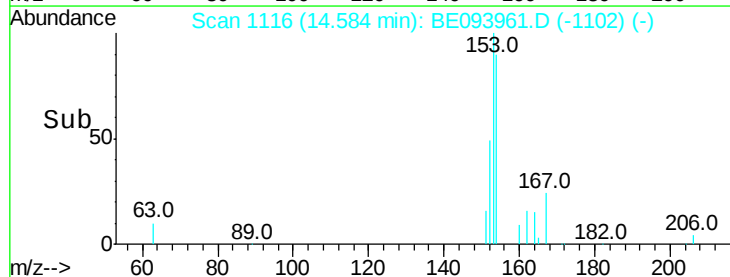
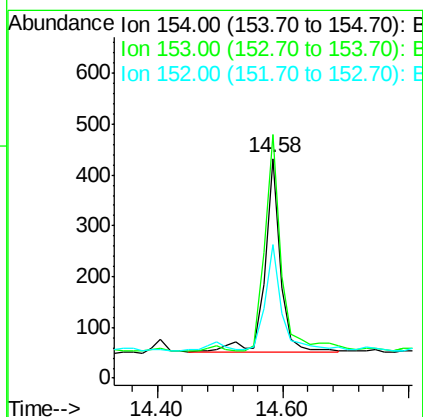
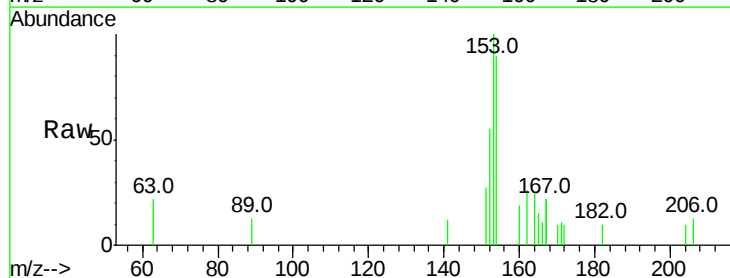
Instrument :
BNA_E
ClientSampleId :
CPS123061

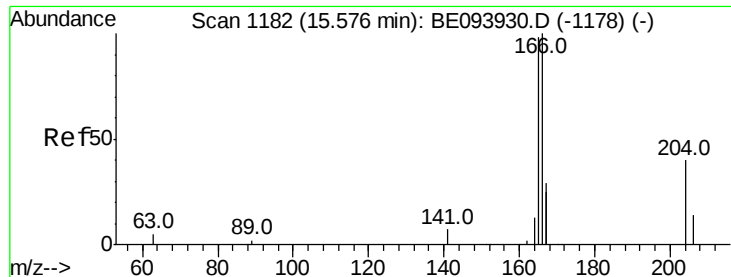
Tot Ion:172 Resp: 9402
Ion Ratio Lower Upper
172 100
171 35.4 26.9 40.3
170 25.4 17.3 25.9



#17
Acenaphthene
Concen: 0.024 ng
RT: 14.58 min Scan# 1116
Delta R.T. 0.00 min
Lab File: BE093961.D
Acq: 11 Sep 2017 14:03

Tgt Ion:154 Resp: 669
Ion Ratio Lower Upper
154 100
153 118.8 91.8 137.6
152 56.1 44.9 67.3





#18

Fluorene

Concen: 0.038 ng

RT: 15.58 min Scan# 1183

Delta R.T. 0.00 min

Lab File: BE093961.D

Acq: 11 Sep 2017 14:03

Instrument :

BNA_E

ClientSampleId :

CPS123061

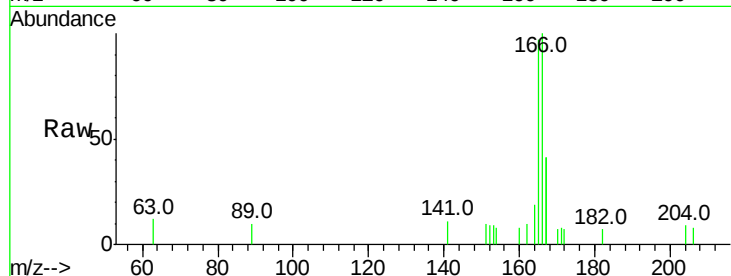
Tot Ion:166 Resp: 1339

Ion Ratio Lower Upper

166 100

165 104.1 79.4 119.0

167 57.0 43.5 65.3



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

15.58

800

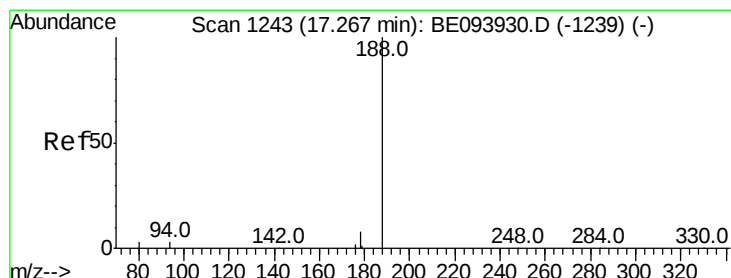
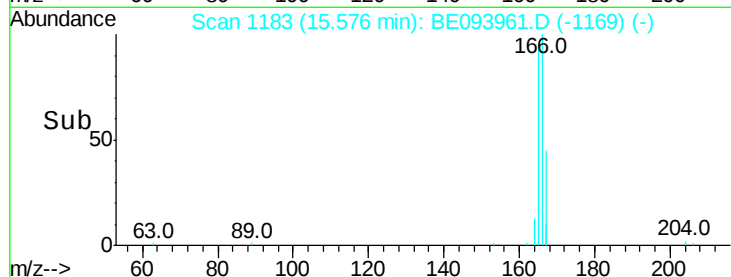
600

400

200

0

Time-->



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.23 min Scan# 1243

Delta R.T. -0.03 min

Lab File: BE093961.D

Acq: 11 Sep 2017 14:03

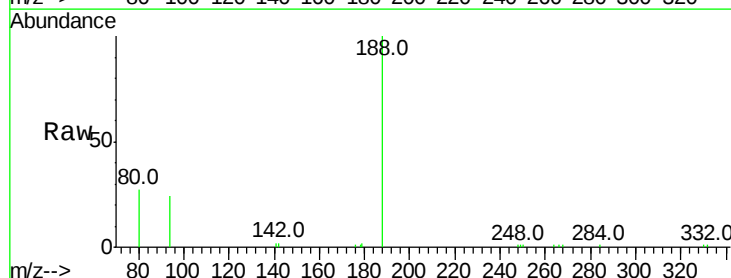
Tgt Ion:188 Resp: 15456

Ion Ratio Lower Upper

188 100

94 23.6 16.1 24.1

80 26.8 18.2 27.2



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

17.23

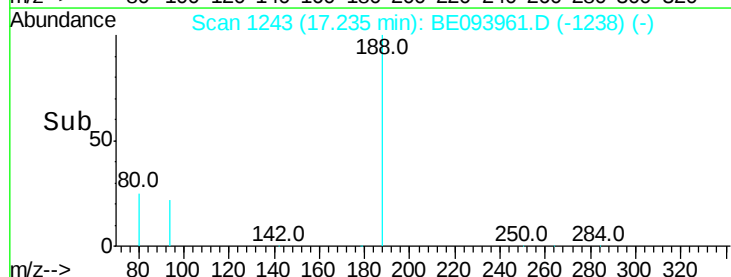
6000

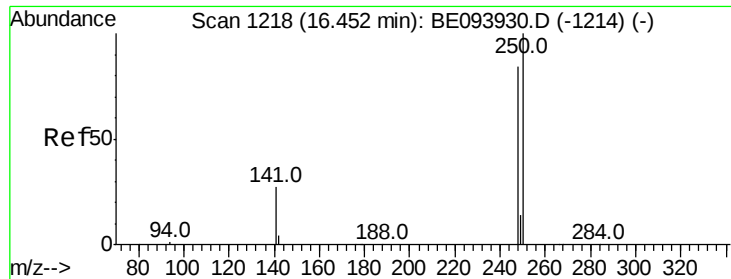
4000

2000

0

Time-->

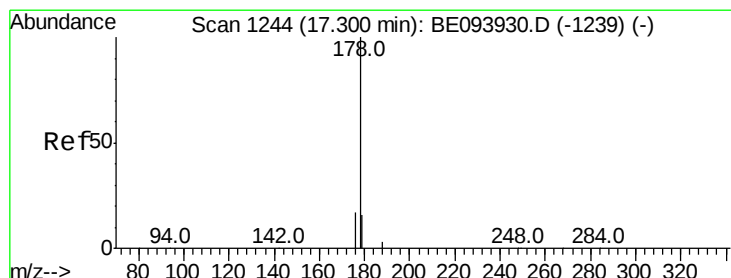
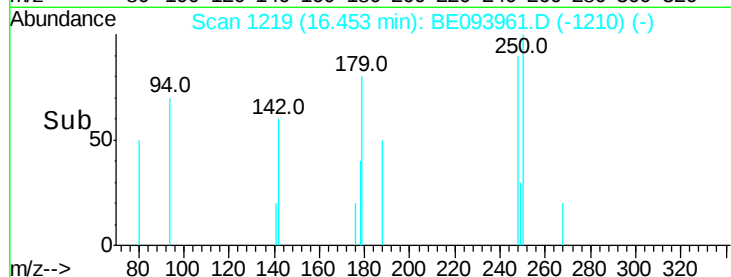
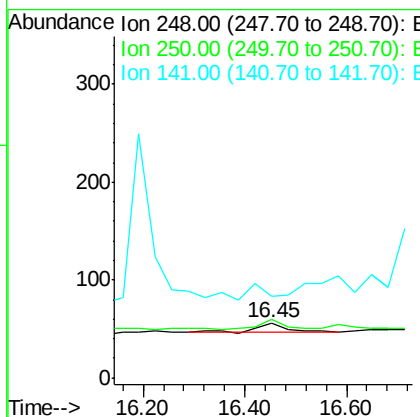
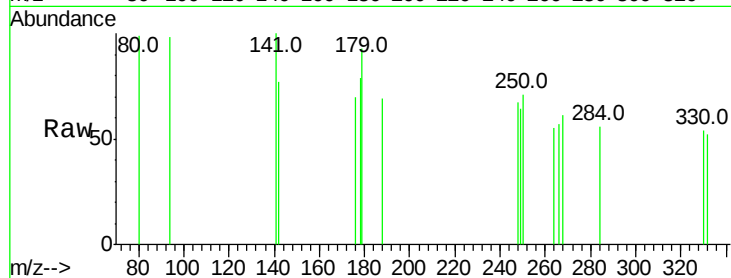




#20
4-Bromophenyl-phenylether
Concen: Below Cal
RT: 16.45 min Scan# 1219
Delta R.T. 0.00 min
Lab File: BE093961.D
Acq: 11 Sep 2017 14:03

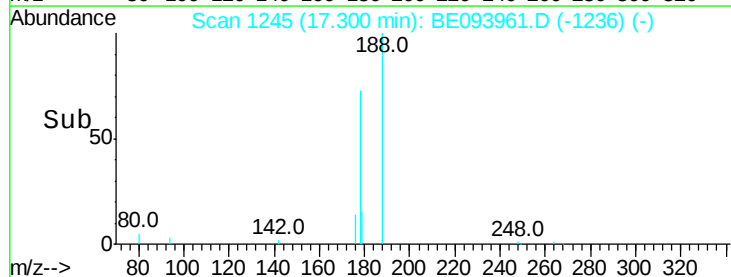
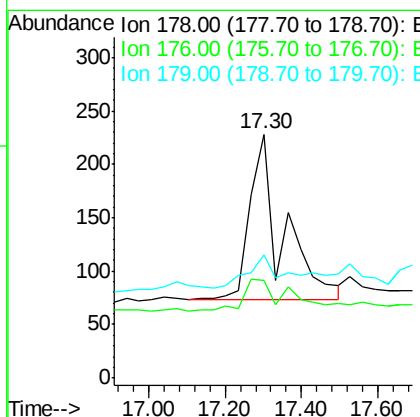
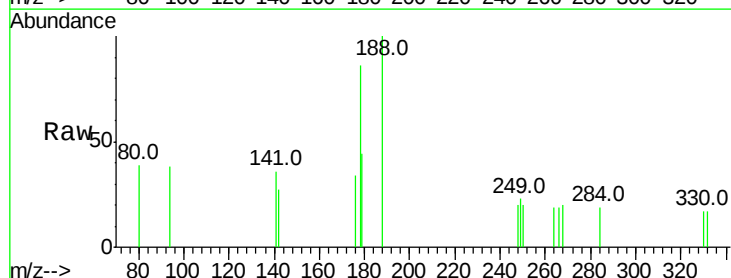
Instrument :
BNA_E
ClientSampled :
CPS123061

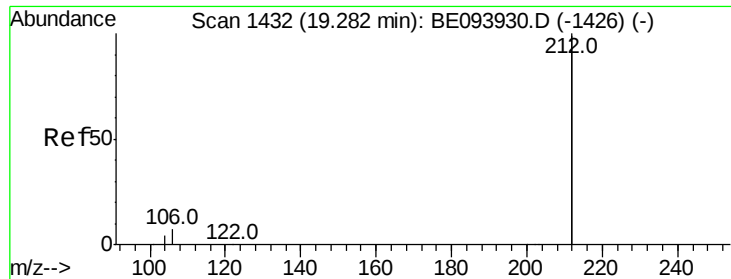
Tot Ion:248 Resp: 33
Ion Ratio Lower Upper
248 100
250 107.1 111.8 167.8#
141 150.0 27.1 40.7#



#23
Phenanthrene
Concen: Below Cal
RT: 17.30 min Scan# 1245
Delta R.T. 0.00 min
Lab File: BE093961.D
Acq: 11 Sep 2017 14:03

Tgt Ion:178 Resp: 913
Ion Ratio Lower Upper
178 100
176 0.0 0.0 0.0
179 20.6 12.6 18.8#

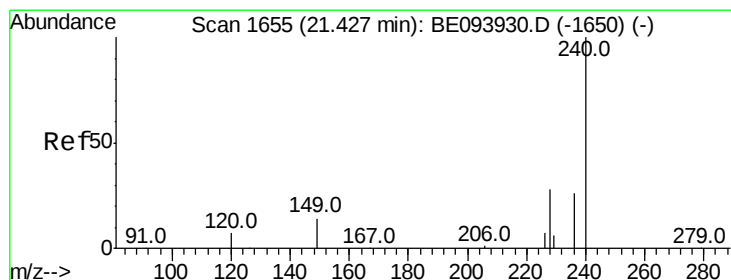
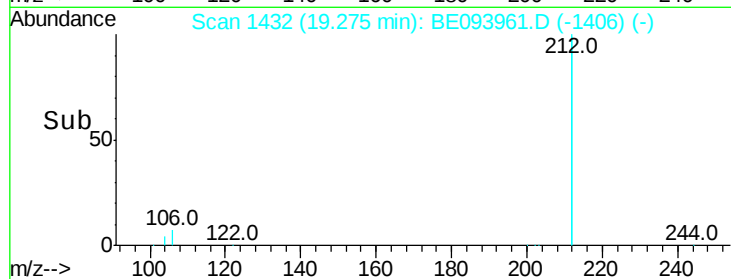
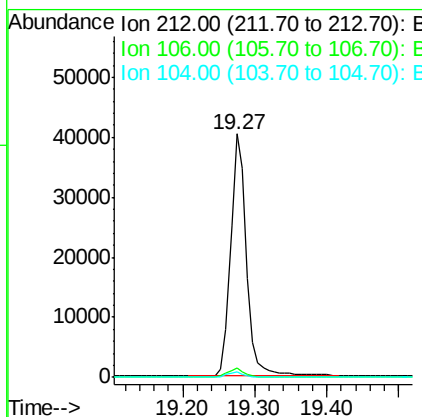
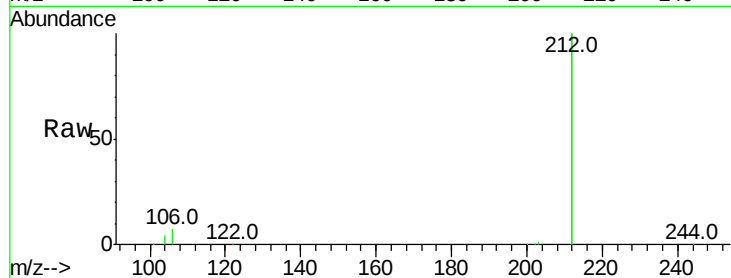




#25
 Fluoranthene-d10
 Concen: 0.268 ng
 RT: 19.27 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BE093961.D
 Acq: 11 Sep 2017 14:03

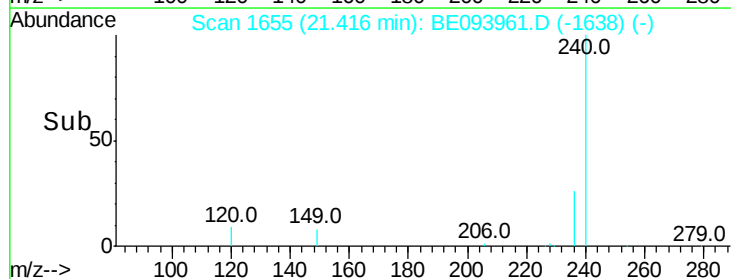
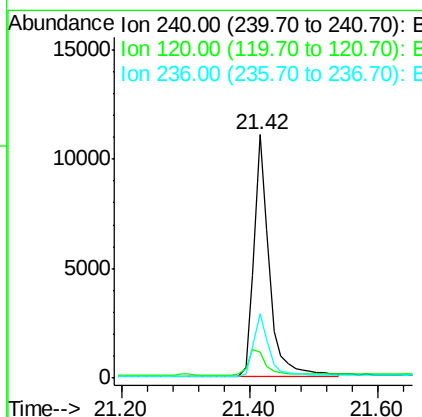
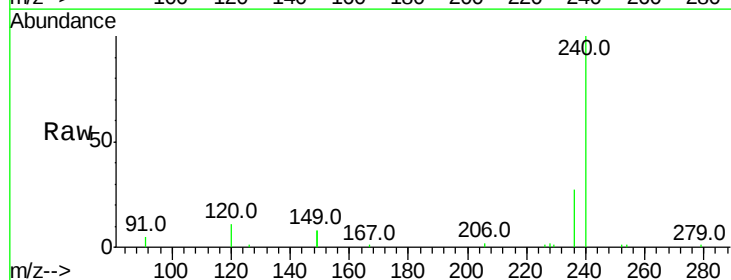
Instrument :
 BNA_E
 ClientSampleId :
 CPS123061

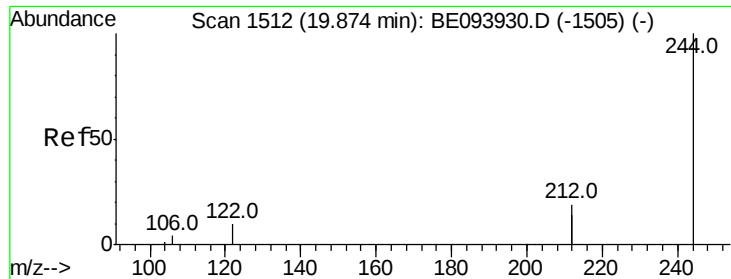
Tot Ion:212 Resp: 61704
 Ion Ratio Lower Upper
 212 100
 106 3.4 2.7 4.1
 104 2.0 1.6 2.4



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.42 min Scan# 1655
 Delta R.T. -0.01 min
 Lab File: BE093961.D
 Acq: 11 Sep 2017 14:03

Tgt Ion:240 Resp: 18547
 Ion Ratio Lower Upper
 240 100
 120 10.9 8.7 13.1
 236 26.5 21.3 31.9





#29

Terphenyl-d14

Concen: 0.761 ng

RT: 19.86 min Scan# 1511

Delta R.T. -0.01 min

Lab File: BE093961.D

Acq: 11 Sep 2017 14:03

Instrument :

BNA_E

ClientSampleId :

CPS123061

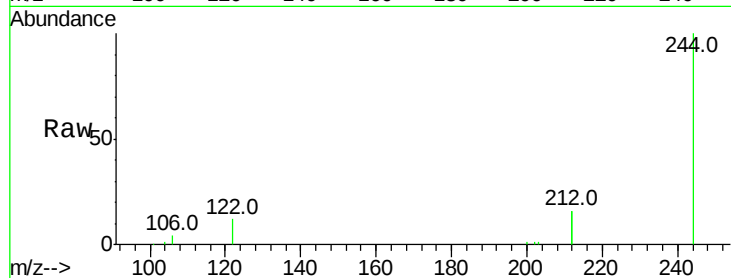
Tot Ion:244 Resp: 25975

Ion Ratio Lower Upper

244 100

212 32.8 28.3 42.5

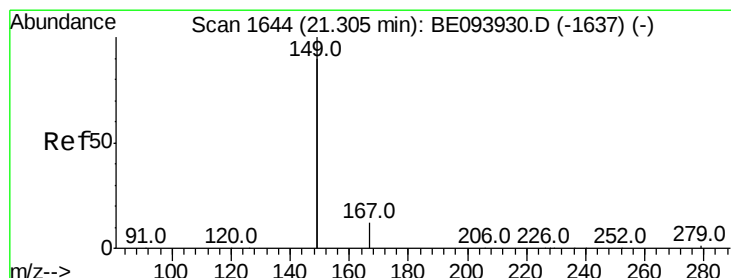
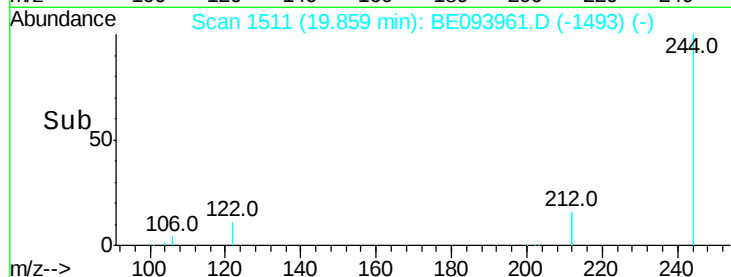
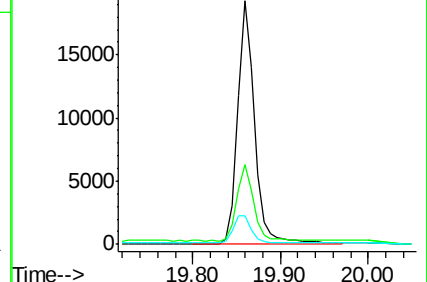
122 11.6 9.4 14.0



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: 0.534 ng

RT: 21.30 min Scan# 1645

Delta R.T. 0.00 min

Lab File: BE093961.D

Acq: 11 Sep 2017 14:03

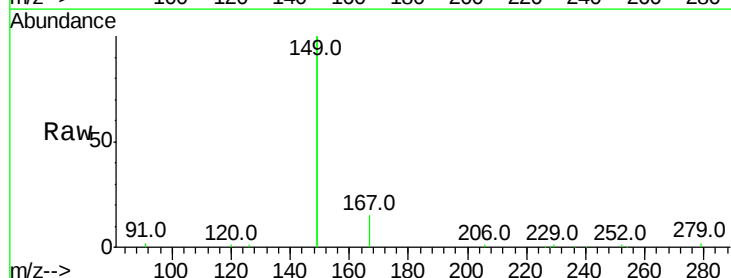
Tgt Ion:149 Resp: 73856

Ion Ratio Lower Upper

149 100

167 6.6 5.4 8.0

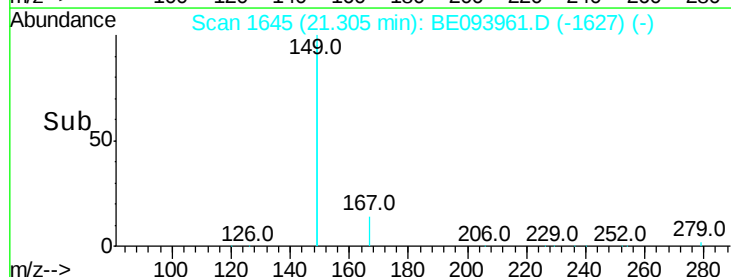
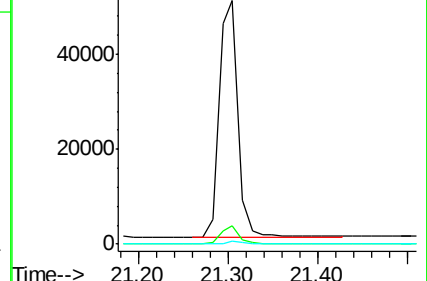
279 0.9 0.7 1.1

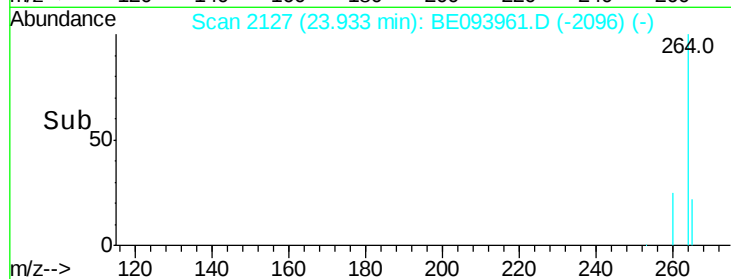
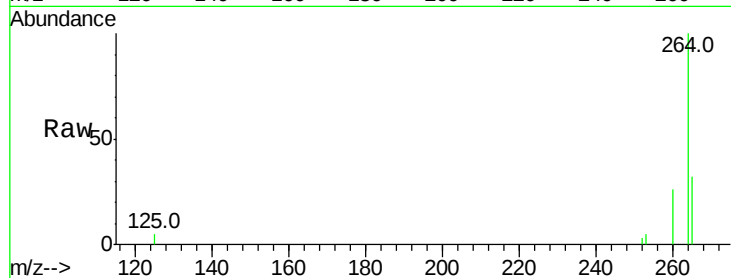
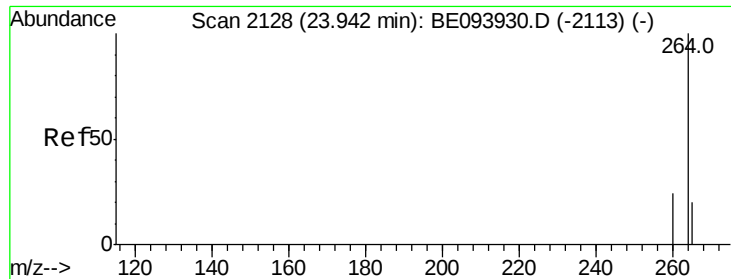


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34

Pervlene-d12

Concen: 0.400 ng

RT: 23.93 min Scan# 2127

Delta R.T. -0.01 min

Lab File: BE093961.D

Acq: 11 Sep 2017 14:03

Instrument :

BNA_E

ClientSampleId :

CPS123061

Tot Ion:264 Resp: 14765

Ion Ratio Lower Upper

264 100

260 26.1 20.0 30.0

265 32.2 24.0 36.0

