

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE091117\
 Data File : BE093968.D
 Acq On : 11 Sep 2017 18:23
 Operator : SJ/JU
 Sample : I5167-08
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 CPS043065

Quant Time: Sep 12 08:16:47 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

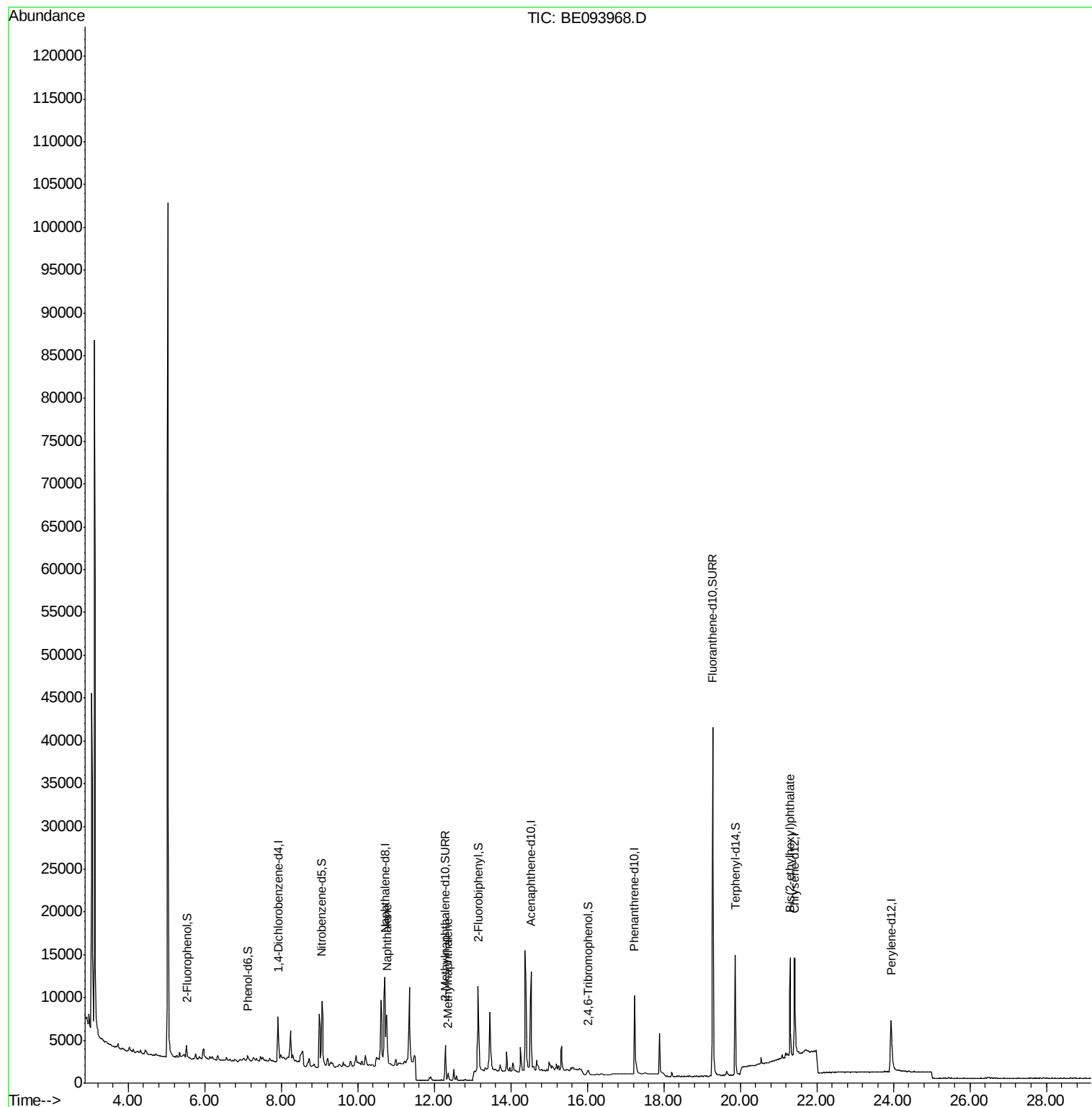
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	2553	0.40	ng	0.00
7) Naphthalene-d8	10.71	136	14169	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	7712	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	16331	0.40	ng	-0.03
27) Chrysene-d12	21.43	240	17750	0.40	ng	0.00
34) Perylene-d12	23.94	264	13805	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.53	112	940	0.11	ng	0.00
5) Phenol-d6	7.11	99	832	0.07	ng	0.00
8) Nitrobenzene-d5	9.06	82	3298	0.28	ng	-0.02
11) 2-Methylnaphthalene-d10	12.29	152	6056	0.27	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	587	0.25	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	9190	0.30	ng	-0.01
25) Fluoranthene-d10	19.28	212	60872	0.25	ng	0.00
29) Terphenyl-d14	19.87	244	14521	0.44	ng	0.00
Target Compounds						
9) Naphthalene	10.76	128	6218	0.038	ng	# 96
12) 2-Methylnaphthalene	12.36	142	612	0.023	ng	# 90
32) Bis(2-ethylhexyl)phthalate	21.30	149	14520	0.110	ng	# 99

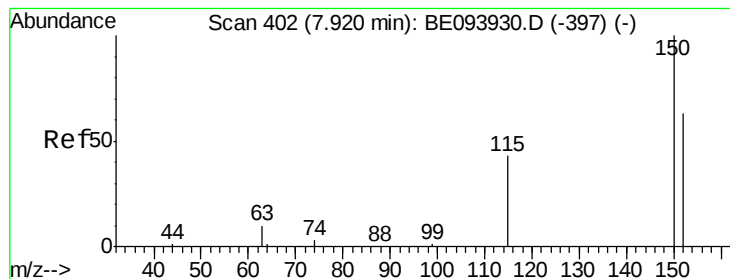
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.92 min Scan# 402

Delta R.T. -0.00 min

Lab File: BE093968.D

Acq: 11 Sep 2017 18:23

Instrument :

BNA_E

ClientSampleId :

CPS043065

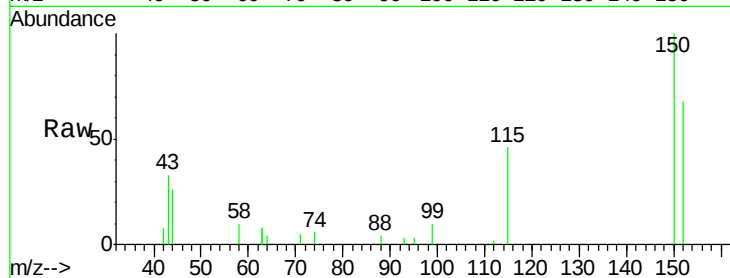
Tgt Ion:152 Resp: 2553

Ion Ratio Lower Upper

152 100

150 147.2 121.8 182.6

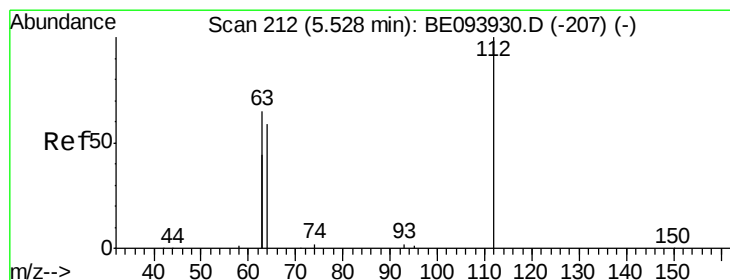
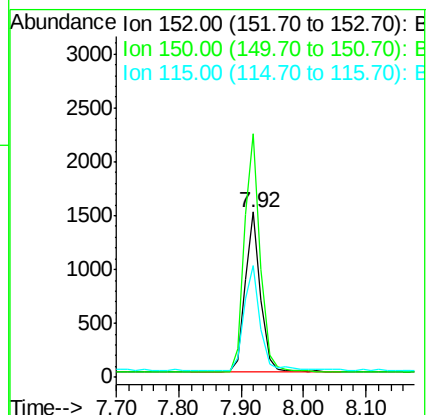
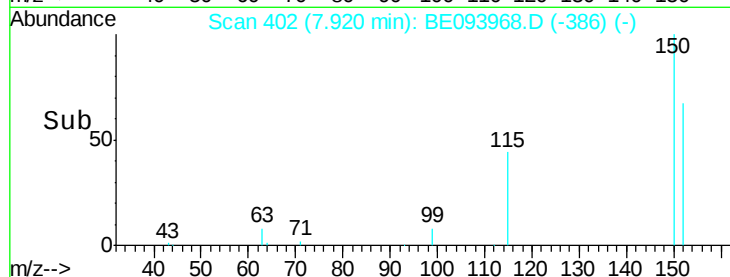
115 67.4 52.6 79.0



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: BE093968.D

Acq: 11 Sep 2017 18:23

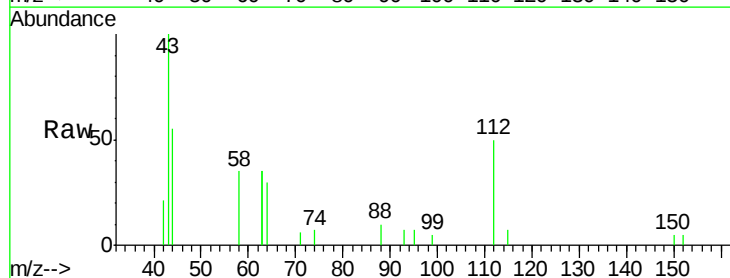
Tgt Ion:112 Resp: 940

Ion Ratio Lower Upper

112 100

64 73.7 57.7 86.5

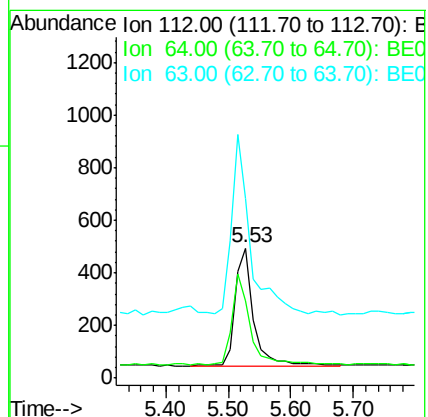
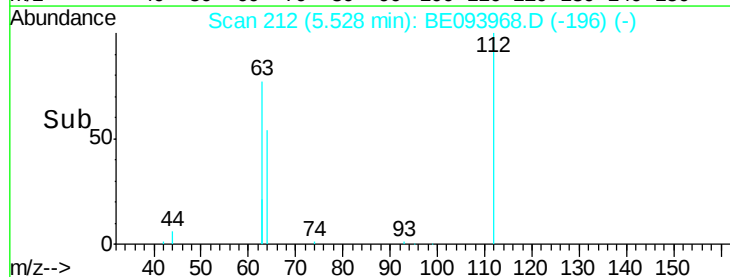
63 154.9 116.0 174.0

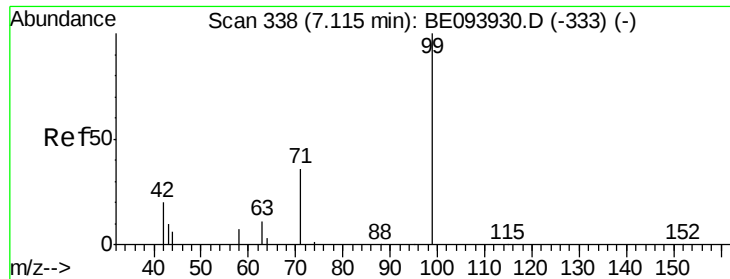


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.067 ng

RT: 7.11 min Scan# 338

Delta R.T. -0.00 min

Lab File: BE093968.D

Acq: 11 Sep 2017 18:23

Instrument :

BNA_E

ClientSampleId :

CPS043065

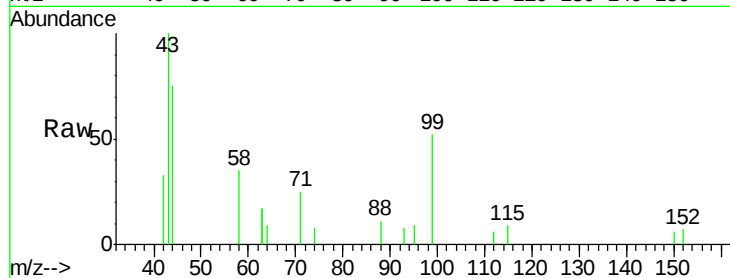
Tgt Ion: 99 Resp: 832

Ion Ratio Lower Upper

99 100

42 37.5 17.1 25.7#

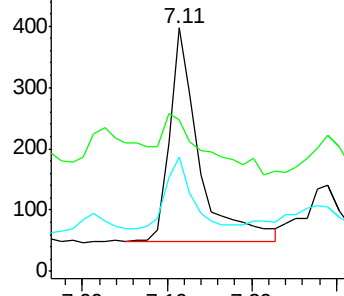
71 29.9 26.6 39.8



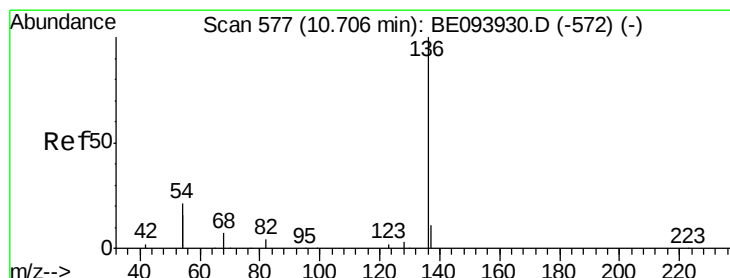
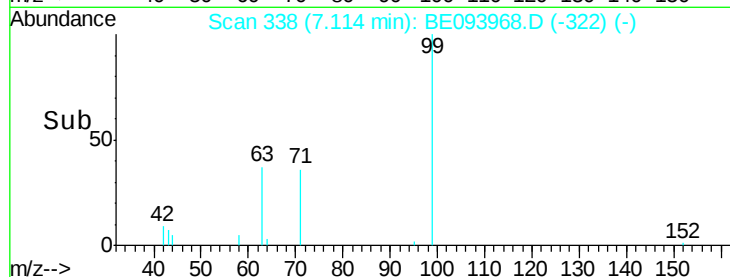
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.71 min Scan# 577

Delta R.T. -0.00 min

Lab File: BE093968.D

Acq: 11 Sep 2017 18:23

Tgt Ion: 136 Resp: 14169

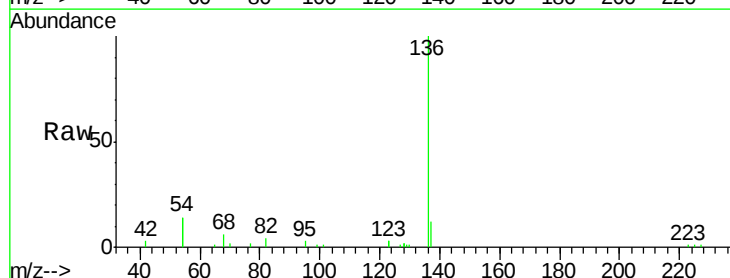
Ion Ratio Lower Upper

136 100

137 11.6 9.2 13.8

54 27.7 21.9 32.9

68 6.0 4.6 7.0

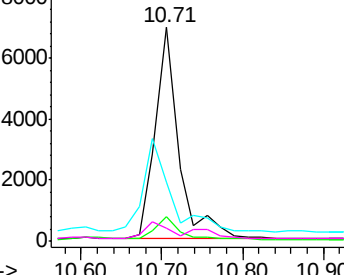


Abundance Ion 136.00 (135.70 to 136.70): E

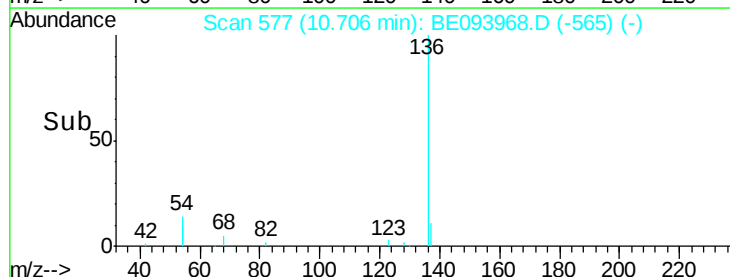
Ion 137.00 (136.70 to 137.70): E

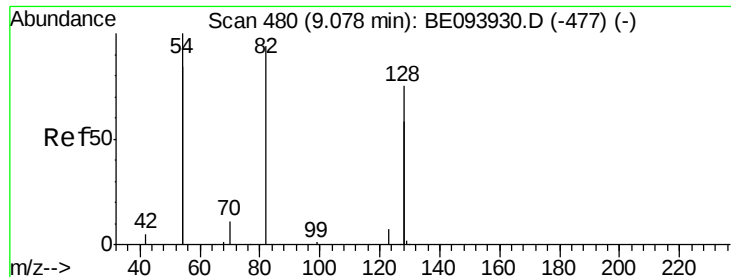
Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



Time-->

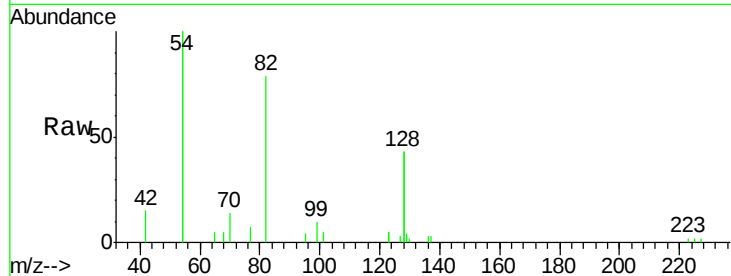




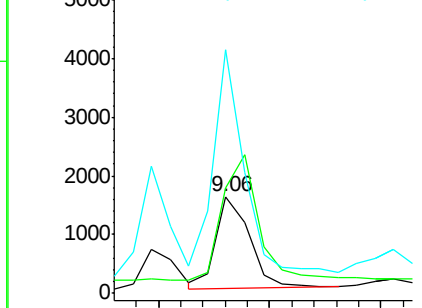
#8
 Nitrobenzene-d5
 Concen: 0.275 ng
 RT: 9.06 min Scan# 479
 Delta R.T. -0.02 min
 Lab File: BE093968.D
 Acq: 11 Sep 2017 18:23

Instrument :
 BNA_E
 ClientSampleId :
 CPS043065

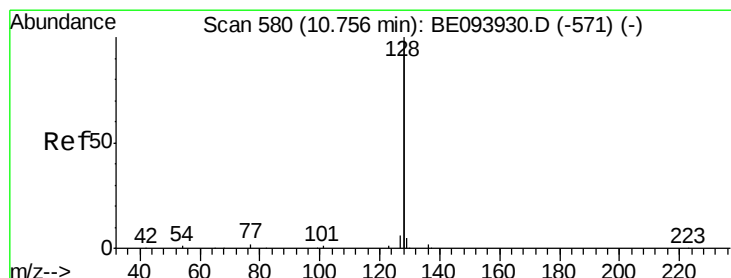
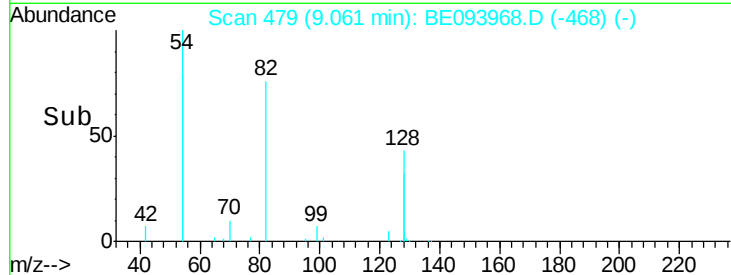
Tgt Ion: 82 Resp: 3298
 Ion Ratio Lower Upper
 82 100
 128 108.5 91.4 137.0
 54 251.7 197.8 296.8



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

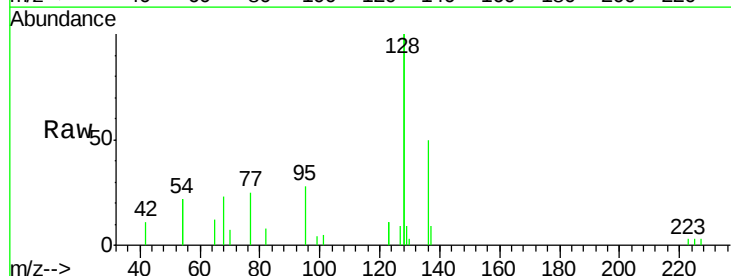


Time-->

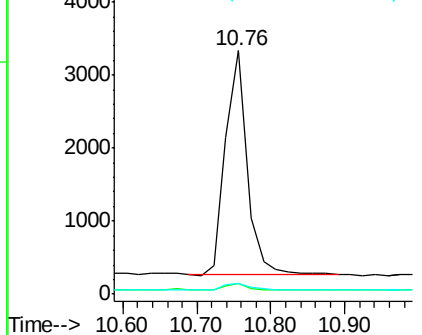


#9
 Naphthalene
 Concen: 0.038 ng
 RT: 10.76 min Scan# 580
 Delta R.T. -0.00 min
 Lab File: BE093968.D
 Acq: 11 Sep 2017 18:23

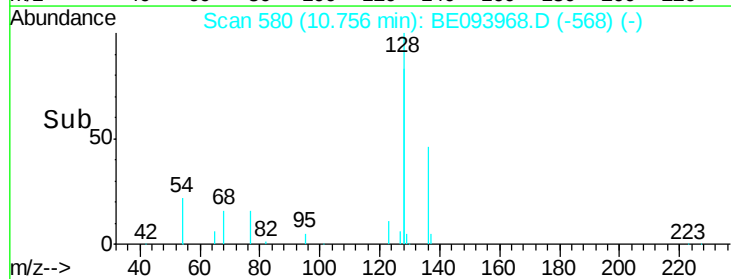
Tgt Ion: 128 Resp: 6218
 Ion Ratio Lower Upper
 128 100
 129 4.3 2.5 3.7#
 127 4.6 2.6 4.0#

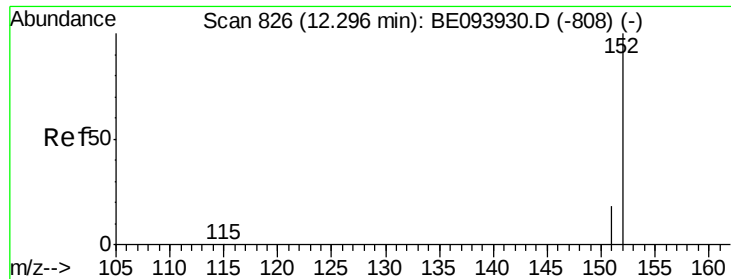


Abundance Ion 128.00 (127.70 to 128.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 127.00 (126.70 to 127.70): E



Time-->

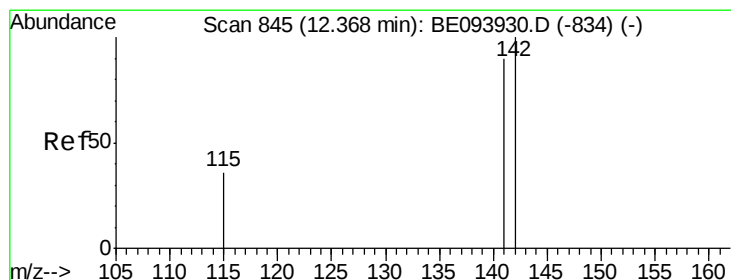
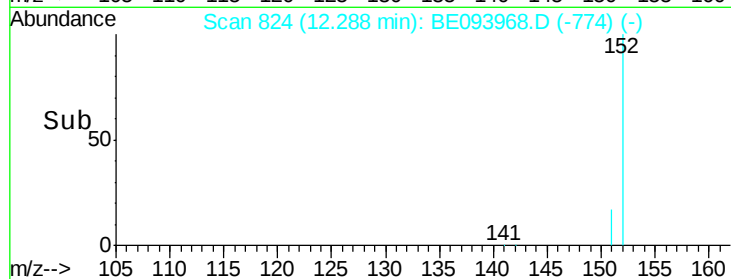
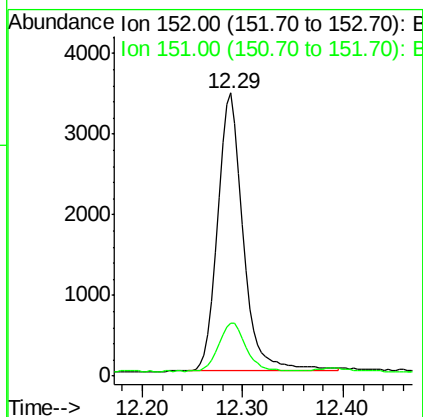
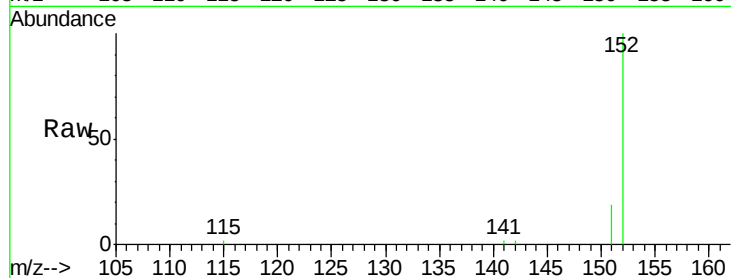




#11
2-Methylnaphthalene-d10
Concen: 0.267 ng
RT: 12.29 min Scan# 824
Delta R.T. -0.01 min
Lab File: BE093968.D
Acq: 11 Sep 2017 18:23

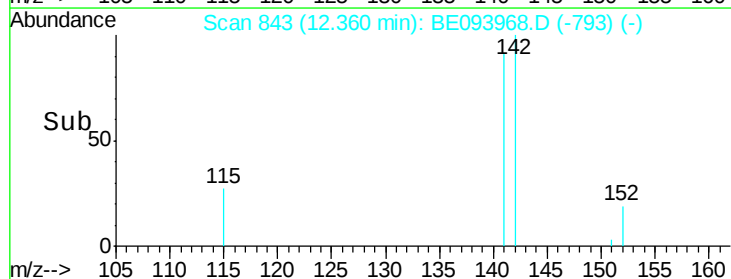
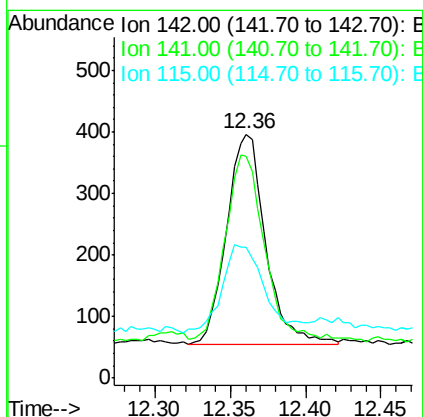
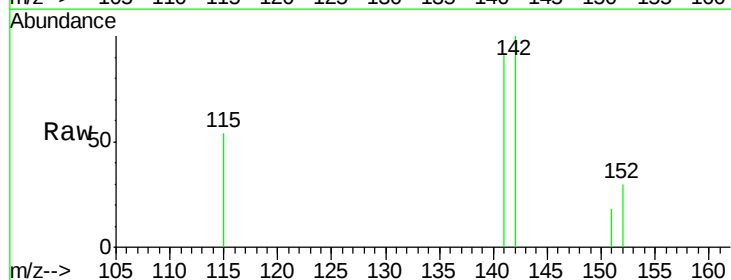
Instrument :
BNA_E
ClientSampleId :
CPS043065

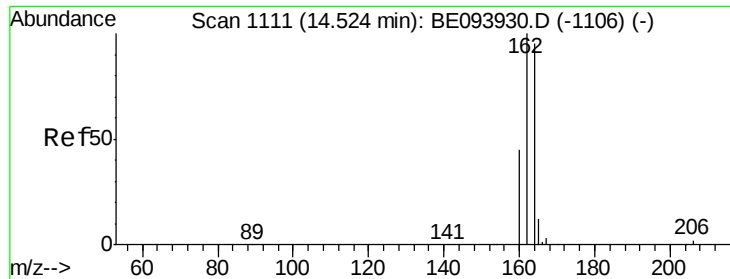
Tgt Ion:152 Resp: 6056
Ion Ratio Lower Upper
152 100
151 18.8 15.4 23.0



#12
2-Methylnaphthalene
Concen: 0.023 ng
RT: 12.36 min Scan# 843
Delta R.T. -0.01 min
Lab File: BE093968.D
Acq: 11 Sep 2017 18:23

Tgt Ion:142 Resp: 612
Ion Ratio Lower Upper
142 100
141 90.9 71.4 107.2
115 53.8 29.4 44.0#





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.53 min Scan# 1112

Delta R.T. 0.00 min

Lab File: BE093968.D

Acq: 11 Sep 2017 18:23

Instrument :

BNA_E

ClientSampleId :

CPS043065

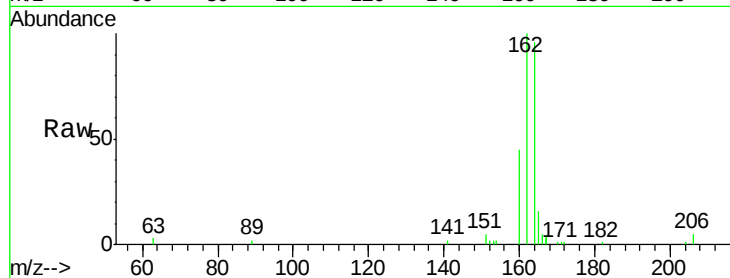
Tgt Ion:164 Resp: 7712

Ion Ratio Lower Upper

164 100

162 104.2 80.8 121.2

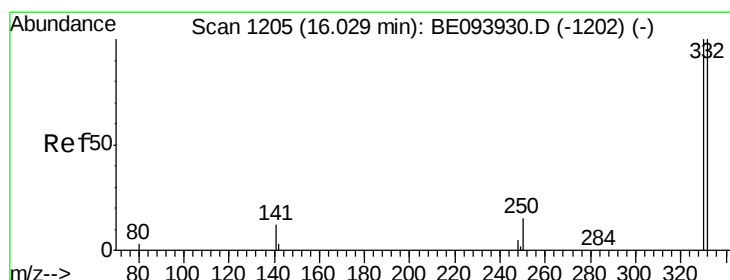
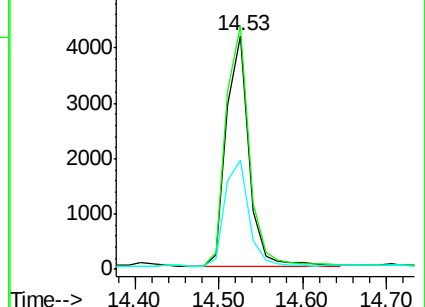
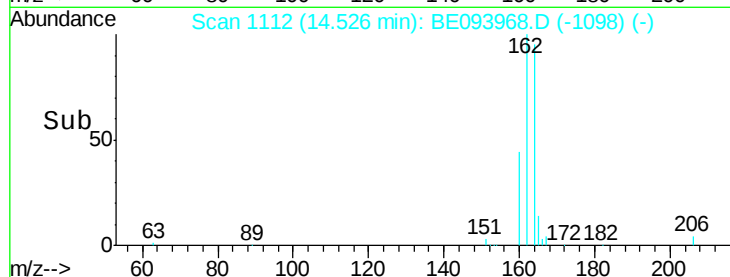
160 46.8 37.0 55.4



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: 0.246 ng

RT: 16.03 min Scan# 1206

Delta R.T. 0.00 min

Lab File: BE093968.D

Acq: 11 Sep 2017 18:23

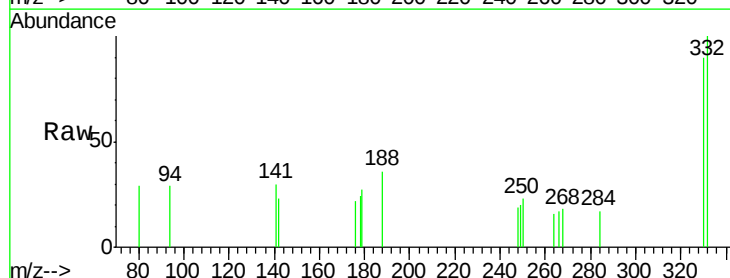
Tgt Ion:330 Resp: 587

Ion Ratio Lower Upper

330 100

332 102.6 76.9 115.3

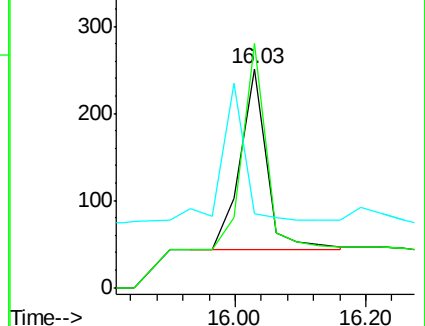
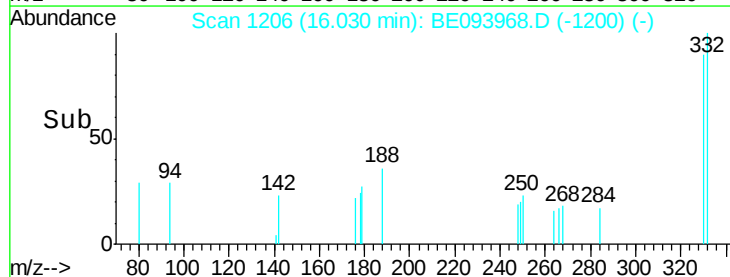
141 0.0 0.0 0.0

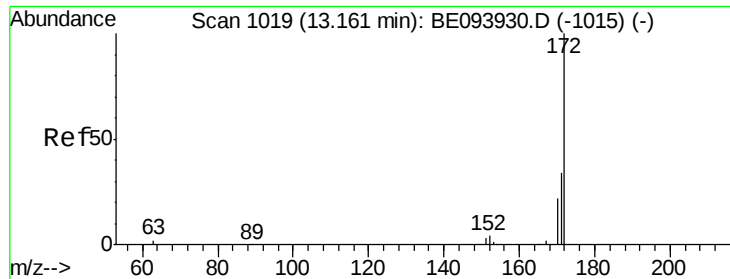


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

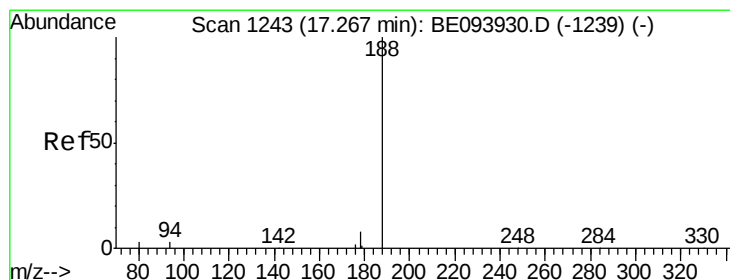
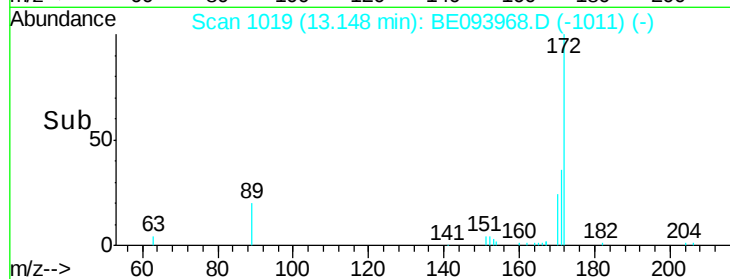
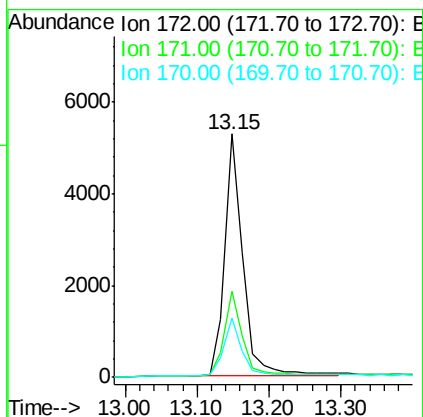
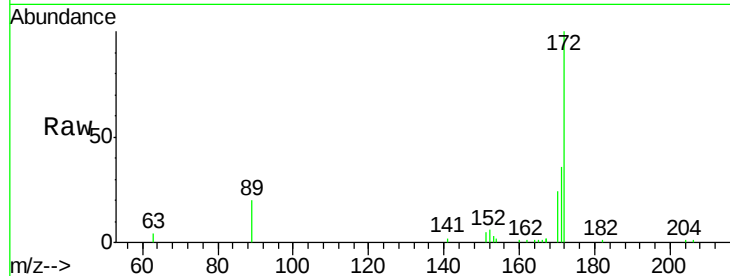




#15
2-Fluorobiphenyl
Concen: 0.301 ng
RT: 13.15 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BE093968.D
Acq: 11 Sep 2017 18:23

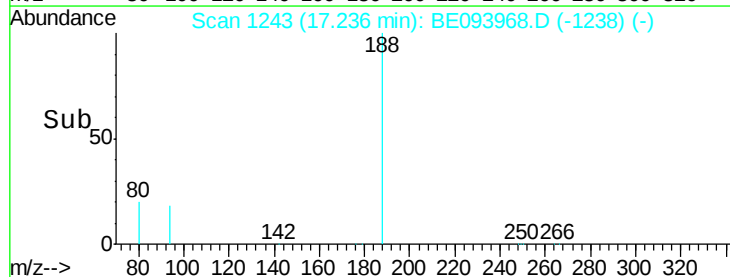
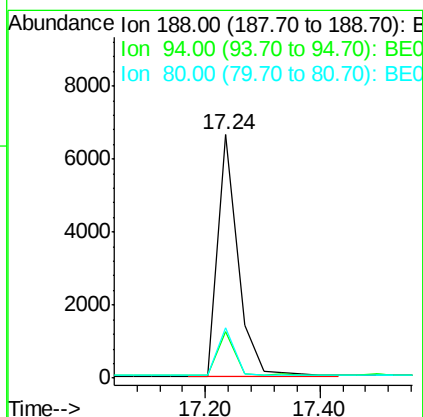
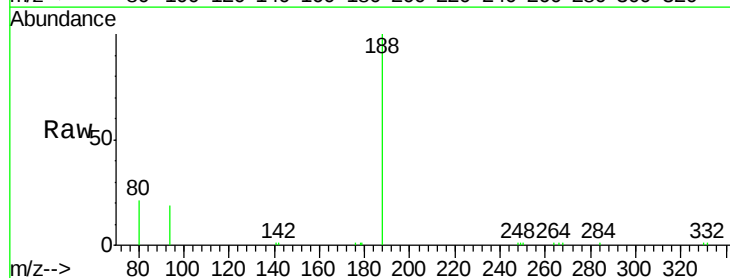
Instrument :
BNA_E
ClientSampleId :
CPS043065

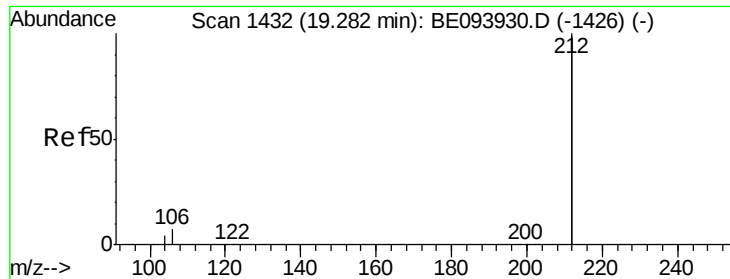
Tgt Ion:172 Resp: 9190
Ion Ratio Lower Upper
172 100
171 35.6 26.9 40.3
170 24.4 17.3 25.9



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.24 min Scan# 1243
Delta R.T. -0.03 min
Lab File: BE093968.D
Acq: 11 Sep 2017 18:23

Tgt Ion:188 Resp: 16331
Ion Ratio Lower Upper
188 100
94 18.9 16.1 24.1
80 20.7 18.2 27.2





#25

Fluoranthene-d10

Concen: 0.250 ng

RT: 19.28 min Scan# 1433

Delta R.T. -0.00 min

Lab File: BE093968.D

Acq: 11 Sep 2017 18:23

Instrument :

BNA_E

ClientSampleId :

CPS043065

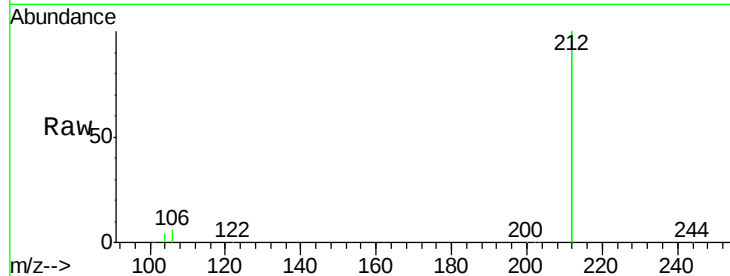
Tgt Ion:212 Resp: 60872

Ion Ratio Lower Upper

212 100

106 3.5 2.7 4.1

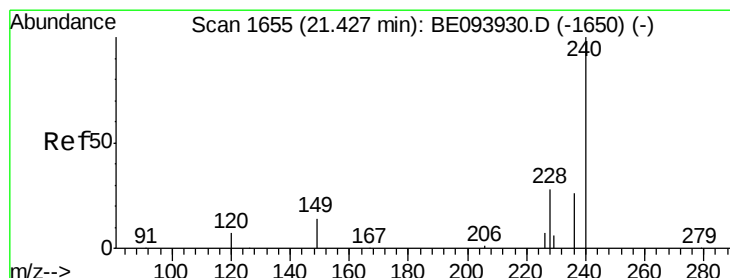
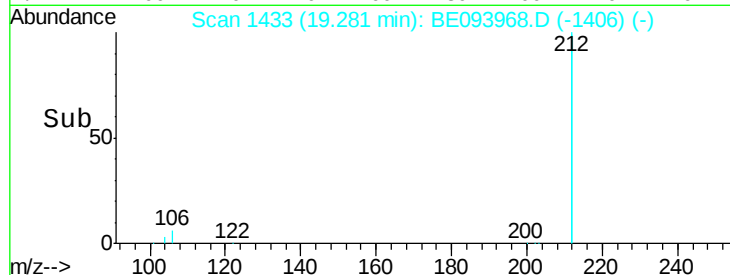
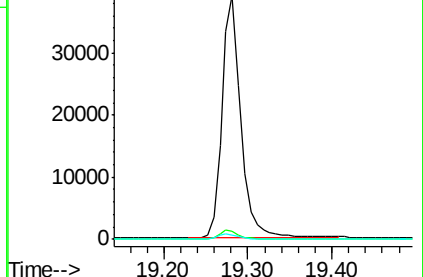
104 2.0 1.6 2.4



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: 21.43 min Scan# 1656

Delta R.T. -0.00 min

Lab File: BE093968.D

Acq: 11 Sep 2017 18:23

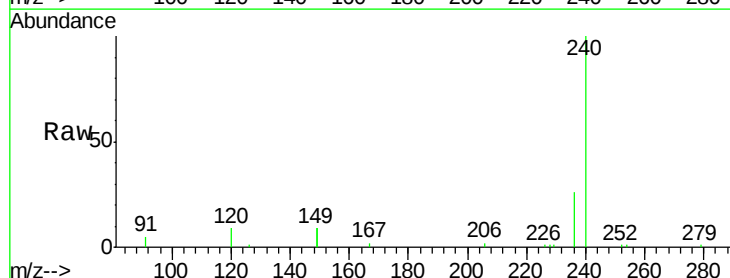
Tgt Ion:240 Resp: 17750

Ion Ratio Lower Upper

240 100

120 8.7 8.7 13.1#

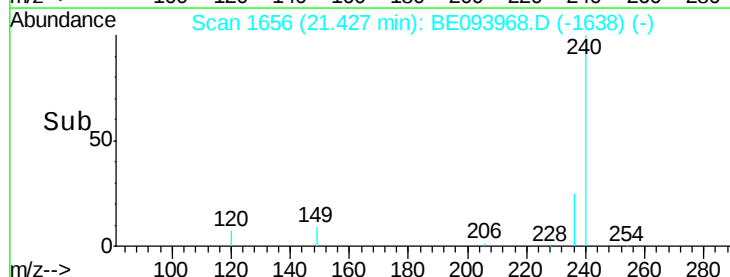
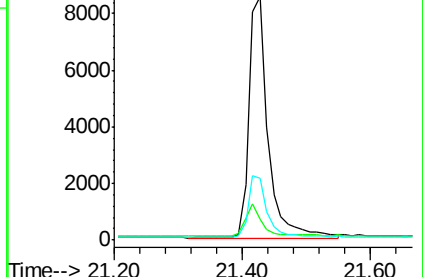
236 25.6 21.3 31.9

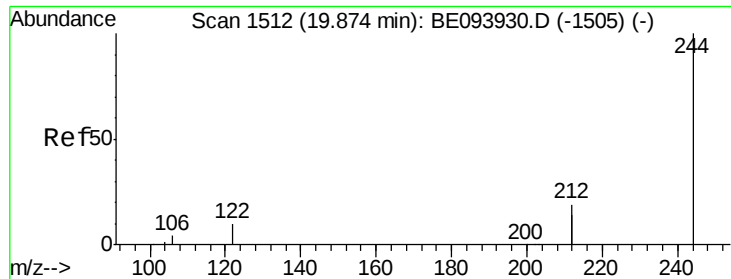


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.445 ng

RT: 19.87 min Scan# 1512

Delta R.T. -0.01 min

Lab File: BE093968.D

Acq: 11 Sep 2017 18:23

Instrument :

BNA_E

ClientSampleId :

CPS043065

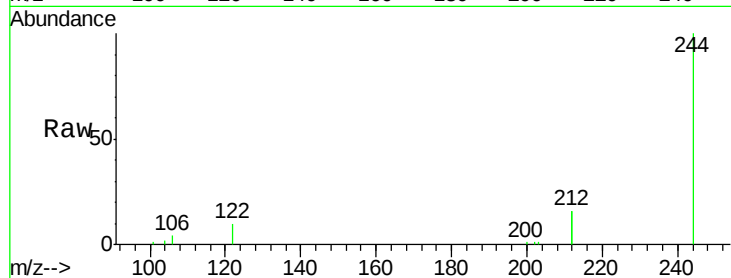
Tgt Ion:244 Resp: 14521

Ion Ratio Lower Upper

244 100

212 32.5 28.3 42.5

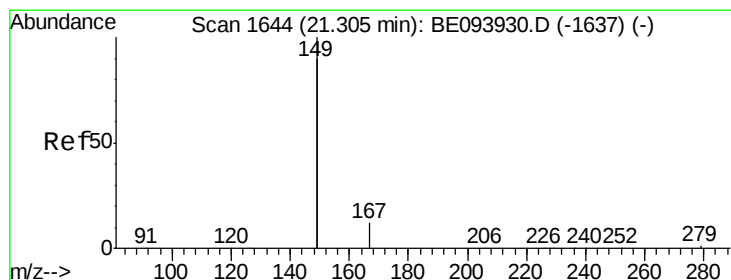
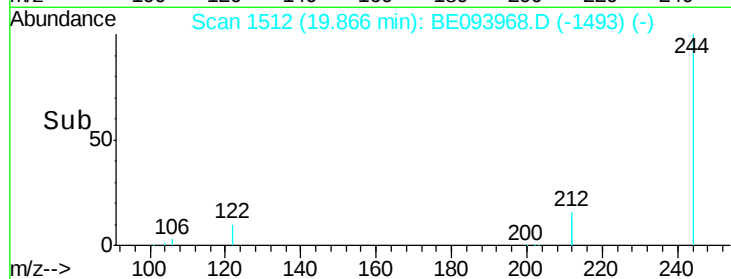
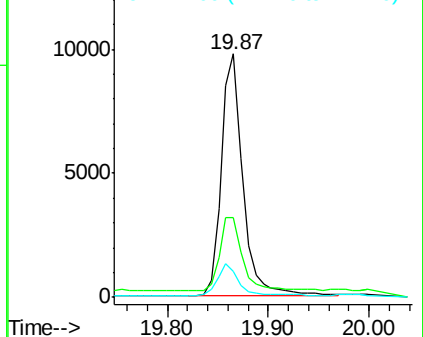
122 10.4 9.4 14.0



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: 0.110 ng

RT: 21.30 min Scan# 1645

Delta R.T. -0.00 min

Lab File: BE093968.D

Acq: 11 Sep 2017 18:23

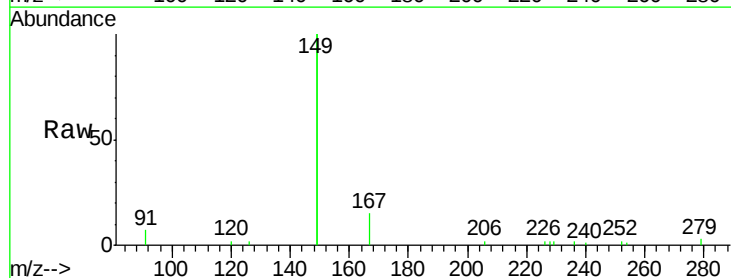
Tgt Ion:149 Resp: 14520

Ion Ratio Lower Upper

149 100

167 6.4 5.4 8.0

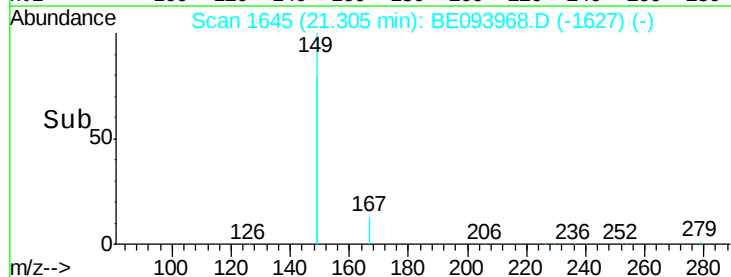
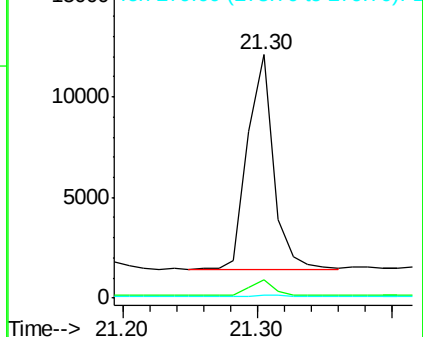
279 1.1 0.7 1.1#

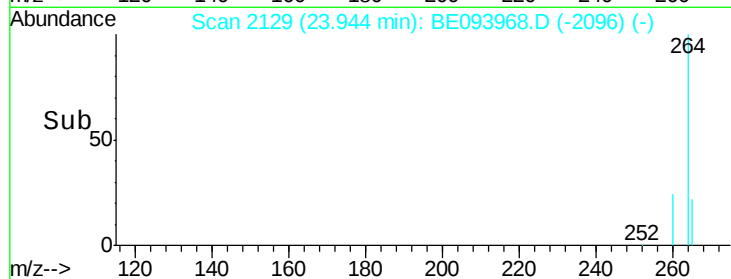
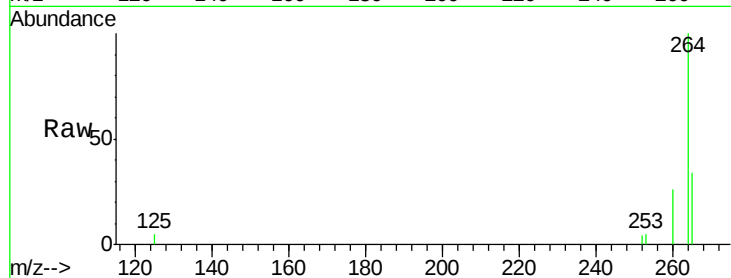
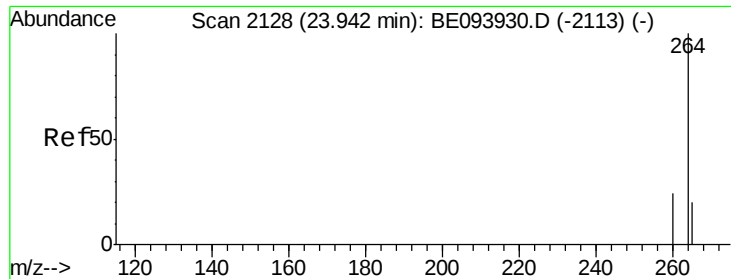


Abundance Ion 149.00 (148.70 to 149.70): E

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: 23.94 min Scan# 2129

Delta R.T. 0.00 min

Lab File: BE093968.D

Acq: 11 Sep 2017 18:23

Instrument :

BNA_E

ClientSampleId :

CPS043065

Tgt Ion: 264 Resp: 13805

Ion Ratio Lower Upper

264 100

260 25.6 20.0 30.0

265 33.6 24.0 36.0

