

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE091117\
 Data File : BE093966.D
 Acq On : 11 Sep 2017 17:08
 Operator : SJ/JU
 Sample : I5167-06
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 CPS133061

Quant Time: Sep 12 07:42:42 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

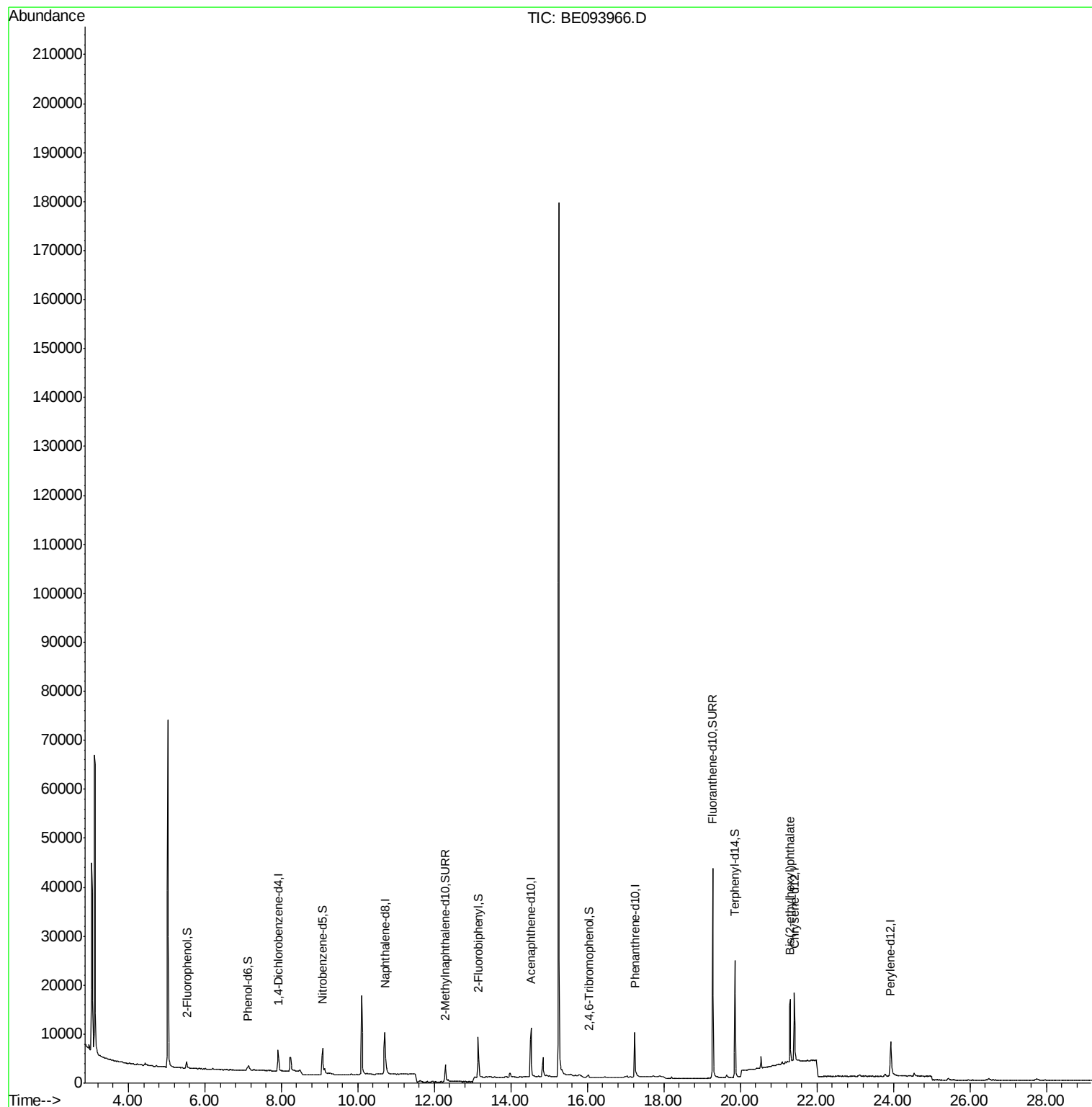
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	2192	0.40	ng	0.00
7) Naphthalene-d8	10.71	136	11417	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	6931	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	16356	0.40	ng	-0.03
27) Chrysene-d12	21.42	240	16924	0.40	ng	-0.01
34) Perylene-d12	23.93	264	13696	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.53	112	960	0.14	ng	0.00
5) Phenol-d6	7.12	99	856	0.08	ng	0.00
8) Nitrobenzene-d5	9.08	82	3428	0.35	ng	0.00
11) 2-Methylnaphthalene-d10	12.29	152	5722	0.31	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	579	0.27	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	8510	0.31	ng	-0.01
25) Fluoranthene-d10	19.27	212	61473	0.25	ng	0.00
29) Terphenyl-d14	19.86	244	21893	0.70	ng	-0.02
Target Compounds						
20) 4-Bromophenyl-phenylether	16.32	248	25	Below Cal	#	25
23) Phenanthrene	17.27	178	420	Below Cal	#	63
32) Bis(2-ethylhexyl)phthalate	21.30	149	17862	0.142	ng	100

(#) = 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: BE093966.D

Acq: 11 Sep 2017 17:08

Instrument :

BNA_E

ClientSampleId :

CPS133061

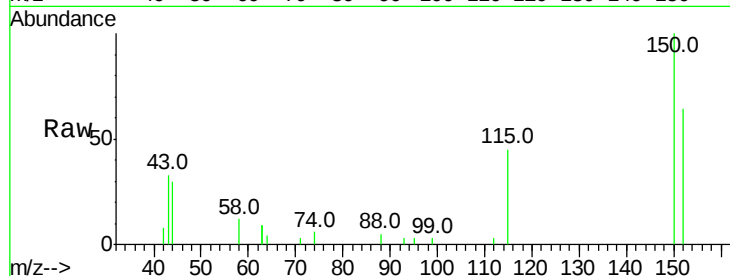
Tot Ion:152 Resp: 2192

Ion Ratio Lower Upper

152 100

150 157.4 121.8 182.6

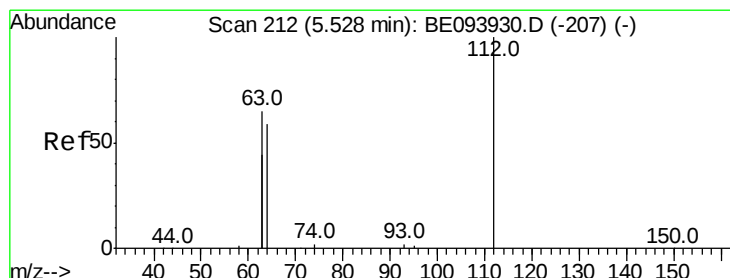
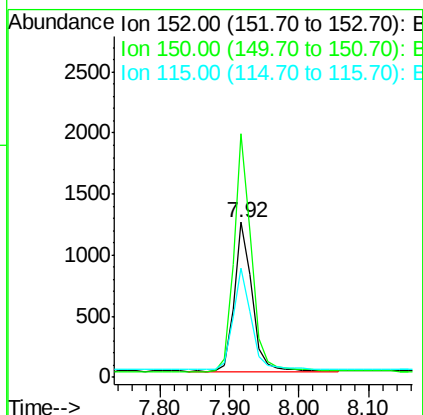
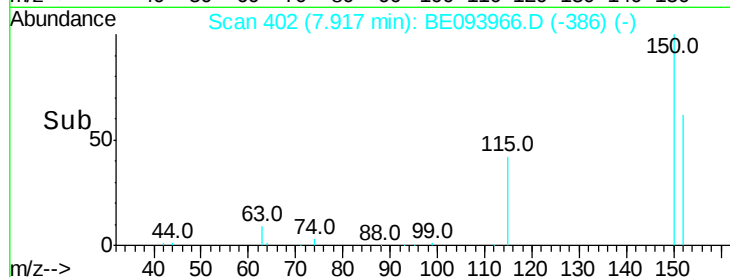
115 70.5 52.6 79.0



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: 0.135 ng

RT: 5.53 min Scan# 212

Delta R.T. -0.00 min

Lab File: BE093966.D

Acq: 11 Sep 2017 17:08

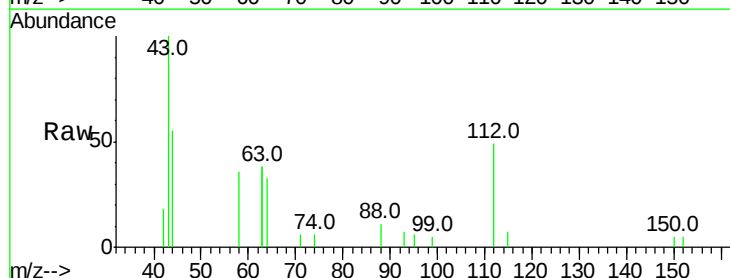
Tgt Ion:112 Resp: 960

Ion Ratio Lower Upper

112 100

64 73.1 57.7 86.5

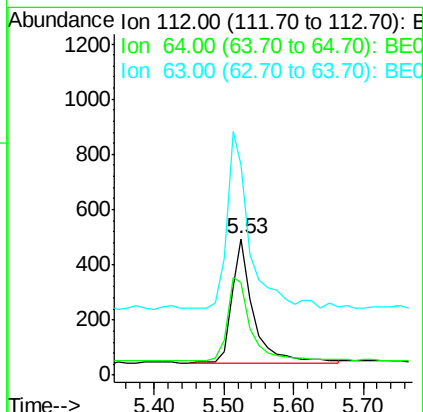
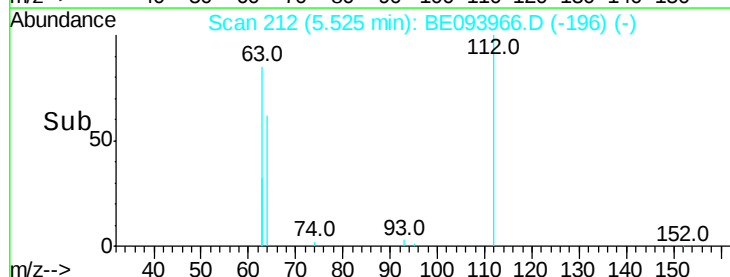
63 144.2 116.0 174.0

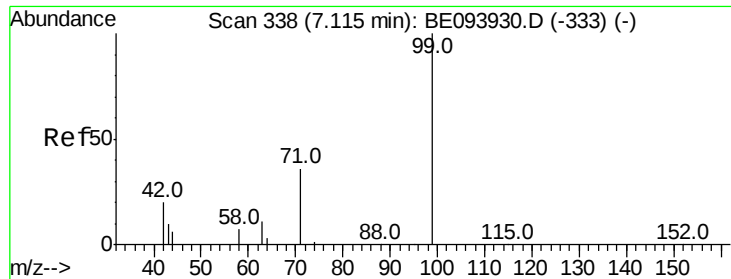


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.080 ng

RT: 7.12 min Scan# 339

Delta R.T. 0.01 min

Lab File: BE093966.D

Acq: 11 Sep 2017 17:08

Instrument :

BNA_E

ClientSampleId :

CPS133061

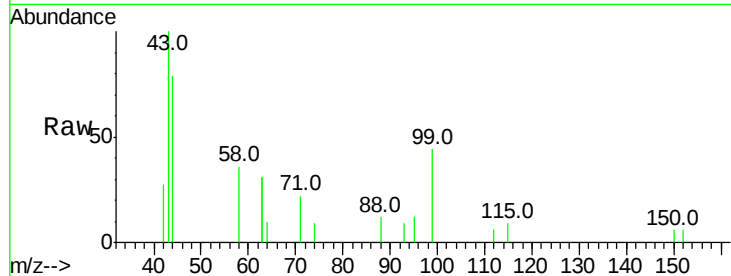
Tot Ion: 99 Resp: 856

Ion Ratio Lower Upper

99 100

42 29.0 17.1 25.7#

71 36.9 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

7.12

400

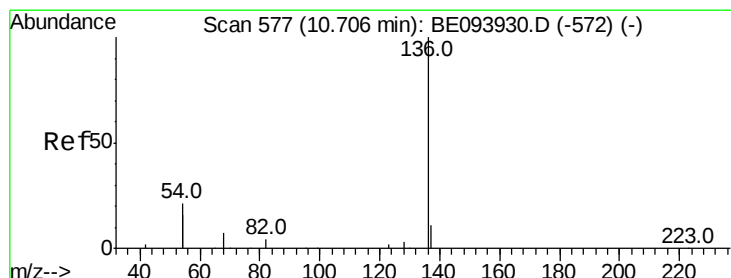
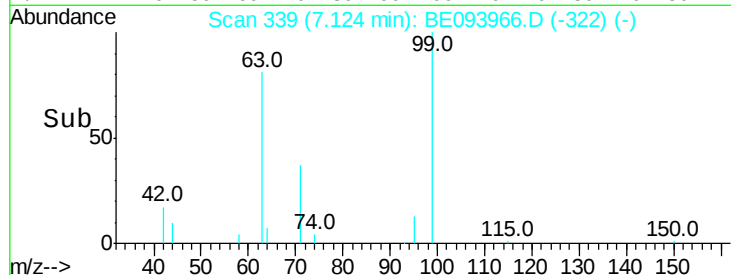
300

200

100

0

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.71 min Scan# 577

Delta R.T. 0.00 min

Lab File: BE093966.D

Acq: 11 Sep 2017 17:08

Tgt Ion: 136 Resp: 11417

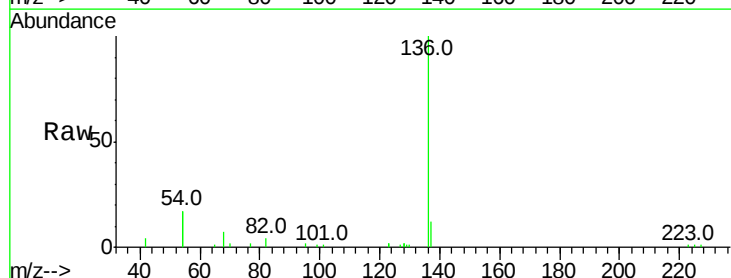
Ion Ratio Lower Upper

136 100

137 11.7 9.2 13.8

54 33.0 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

8000

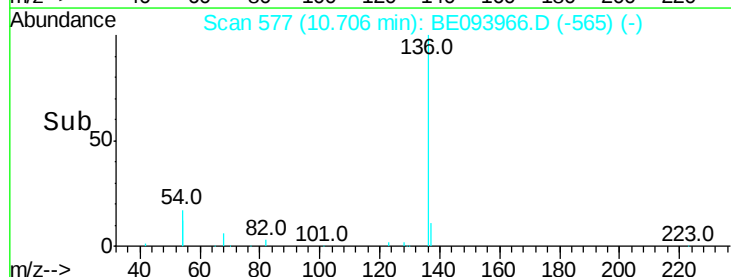
6000

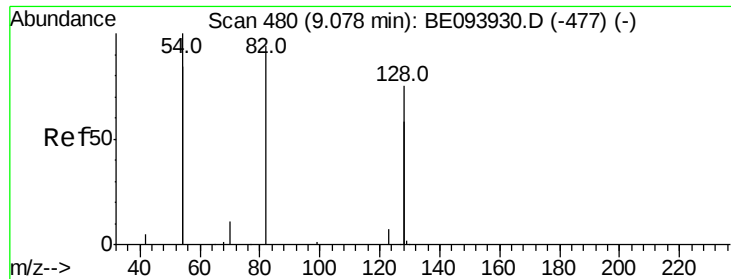
4000

2000

0

Time-->





#8

Nitrobenzene-d5

Concen: 0.355 ng

RT: 9.08 min Scan# 480

Delta R.T. 0.00 min

Lab File: BE093966.D

Acq: 11 Sep 2017 17:08

Instrument :

BNA_E

ClientSampleId :

CPS133061

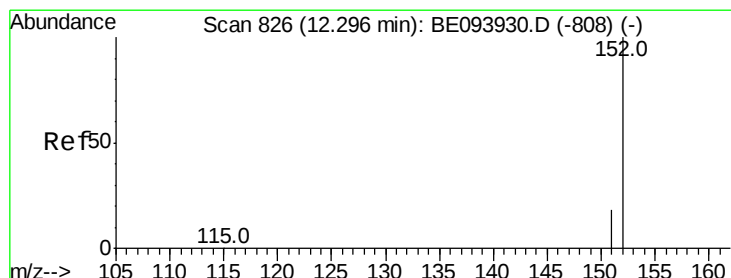
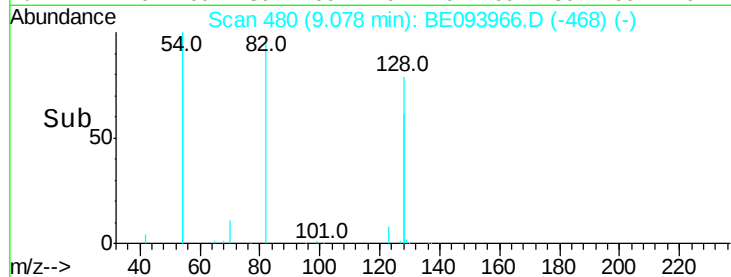
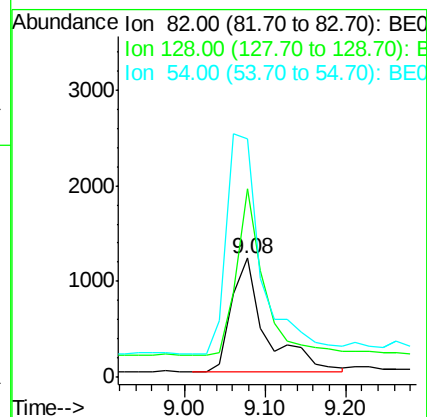
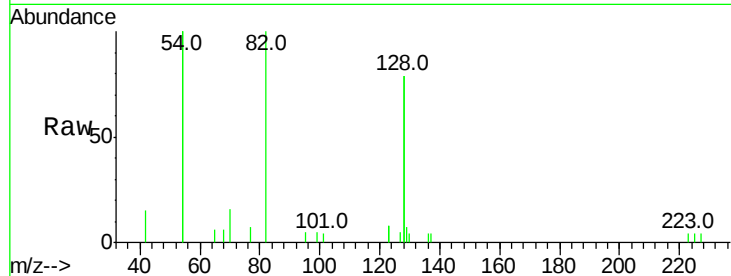
Tot Ion: 82 Resp: 3428

Ion Ratio Lower Upper

82 100

128 158.0 91.4 137.0#

54 200.3 197.8 296.8



#11

2-Methylnaphthalene-d10

Concen: 0.313 ng

RT: 12.29 min Scan# 824

Delta R.T. -0.01 min

Lab File: BE093966.D

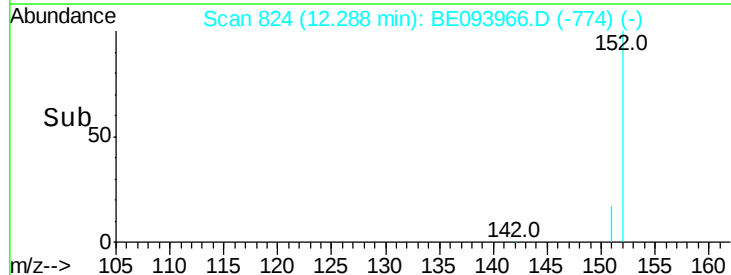
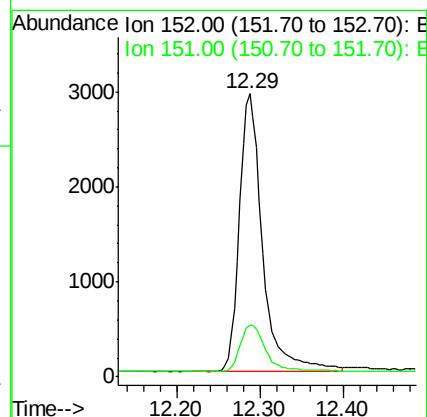
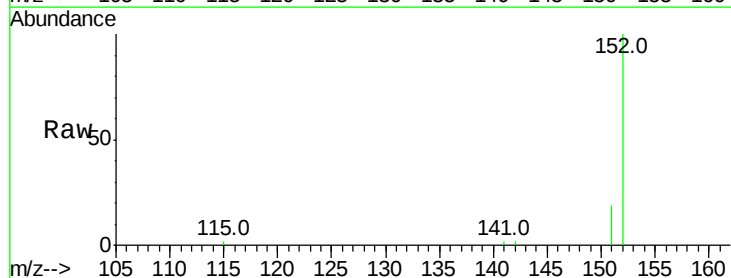
Acq: 11 Sep 2017 17:08

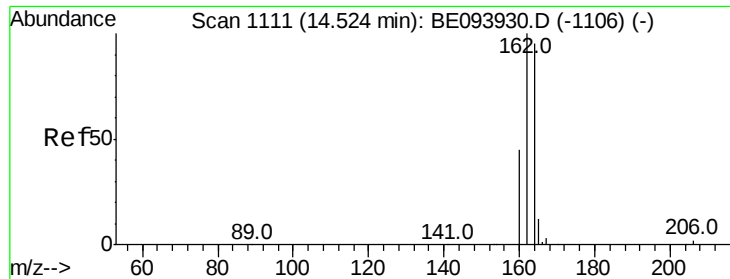
Tgt Ion: 152 Resp: 5722

Ion Ratio Lower Upper

152 100

151 19.5 15.4 23.0

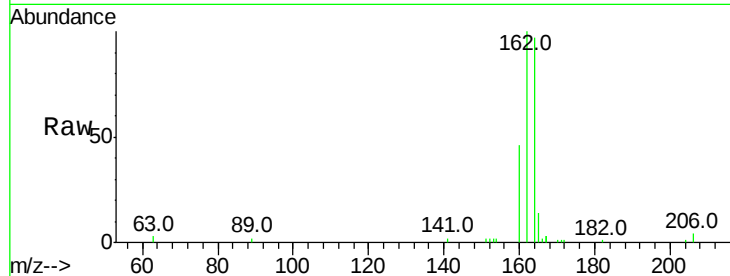




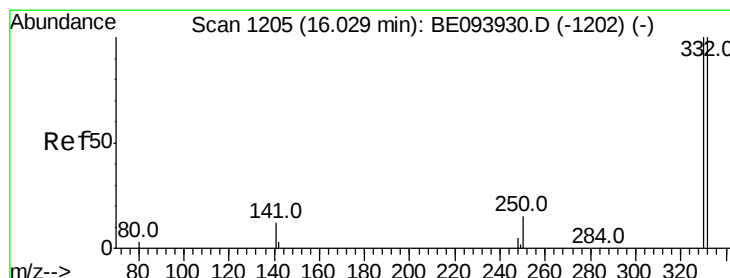
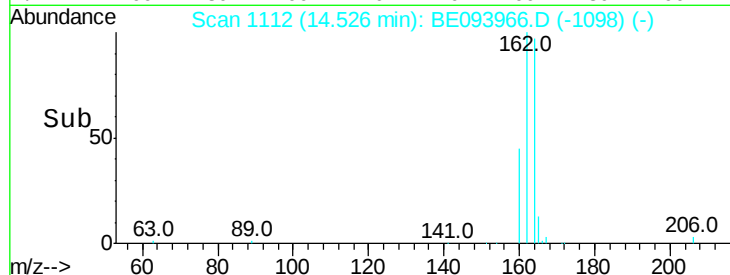
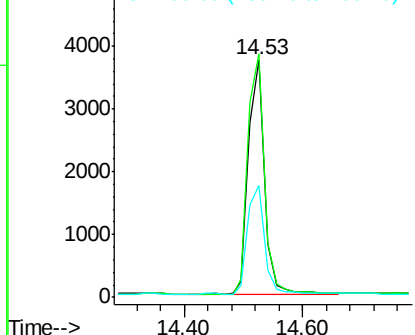
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.53 min Scan# 1112
 Delta R.T. 0.00 min
 Lab File: BE093966.D
 Acq: 11 Sep 2017 17:08

Instrument :
 BNA_E
 ClientSampleId :
 CPS133061

Tot Ion:164 Resp: 6931
 Ion Ratio Lower Upper
 164 100
 162 102.6 80.8 121.2
 160 47.3 37.0 55.4

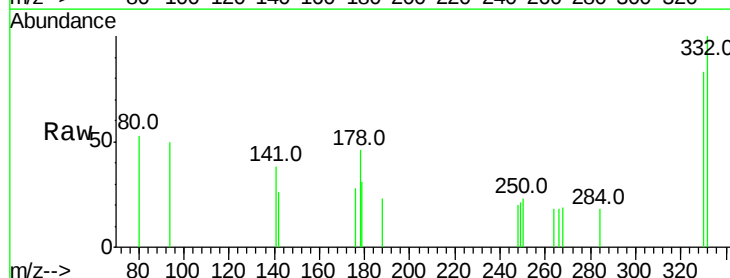


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

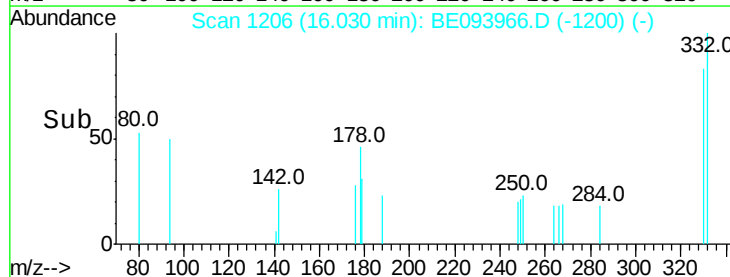
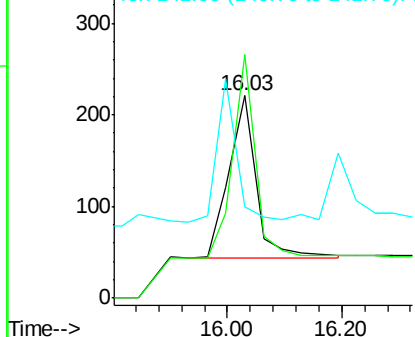


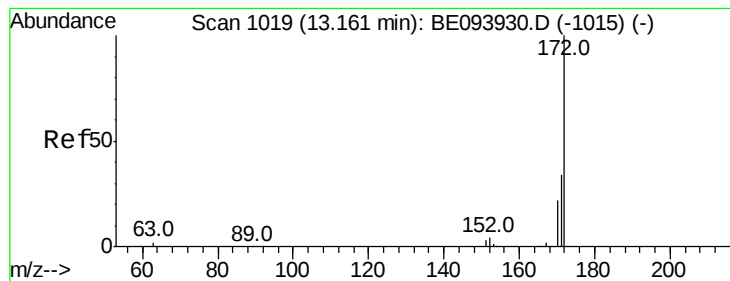
#14
 2,4,6-Tribromophenol
 Concen: 0.270 ng
 RT: 16.03 min Scan# 1206
 Delta R.T. 0.00 min
 Lab File: BE093966.D
 Acq: 11 Sep 2017 17:08

Tgt Ion:330 Resp: 579
 Ion Ratio Lower Upper
 330 100
 332 104.7 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

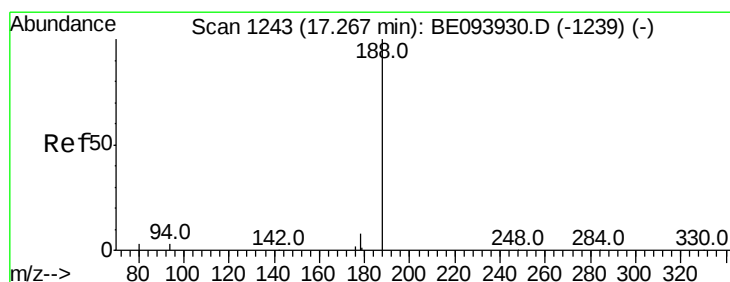
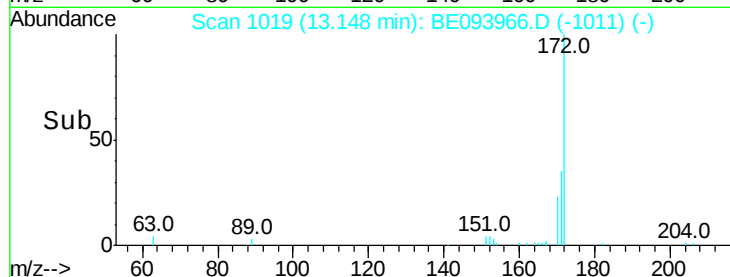
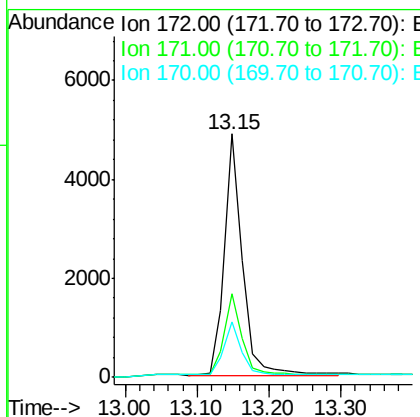
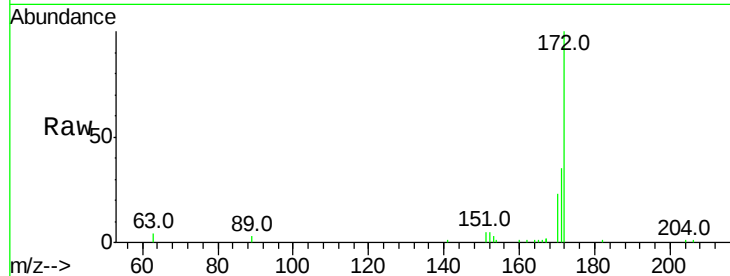




#15
2-Fluorobiphenyl
Concen: 0.310 ng
RT: 13.15 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BE093966.D
Acq: 11 Sep 2017 17:08

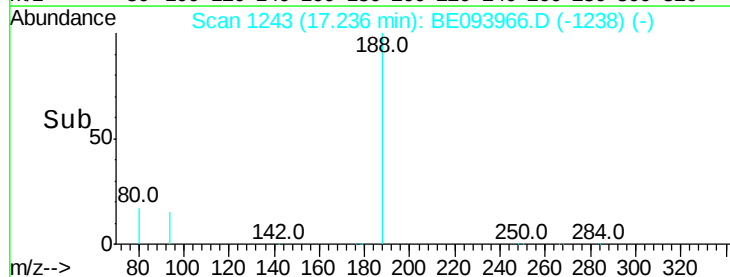
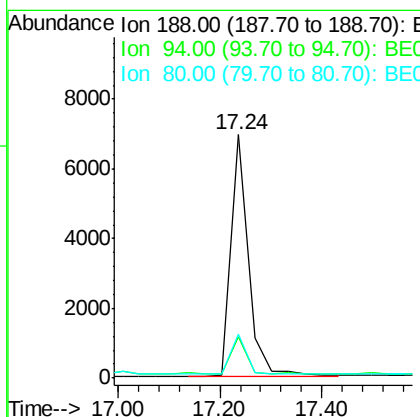
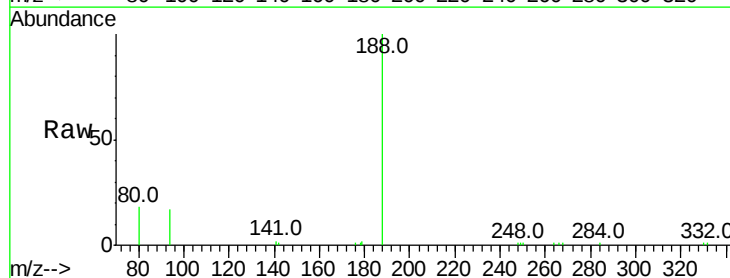
Instrument :
BNA_E
ClientSampleId :
CPS133061

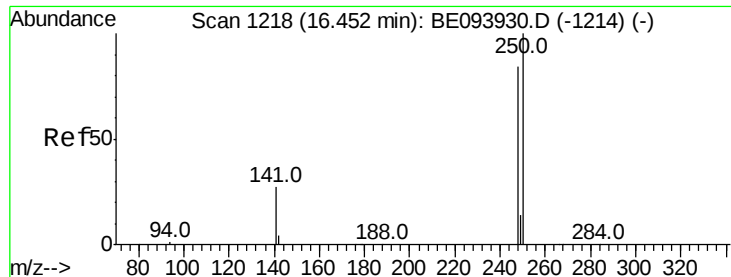
Tot Ion:172 Resp: 8510
Ion Ratio Lower Upper
172 100
171 34.6 26.9 40.3
170 22.7 17.3 25.9



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.24 min Scan# 1243
Delta R.T. -0.03 min
Lab File: BE093966.D
Acq: 11 Sep 2017 17:08

Tgt Ion:188 Resp: 16356
Ion Ratio Lower Upper
188 100
94 16.9 16.1 24.1
80 18.1 18.2 27.2#

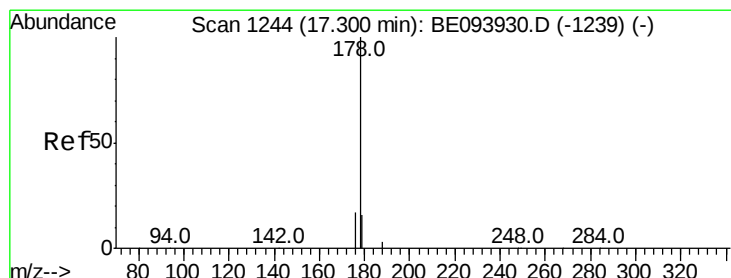
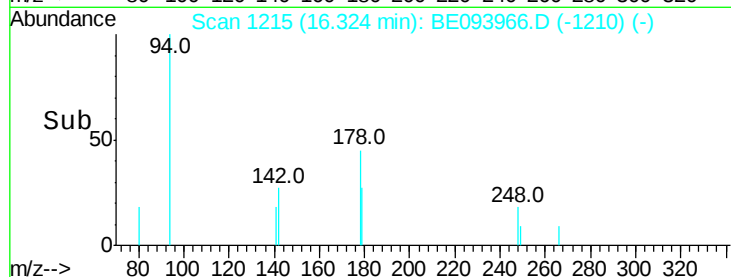
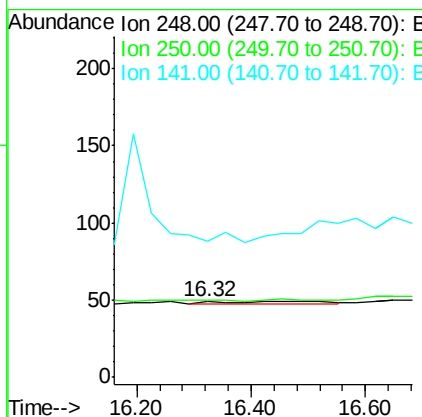
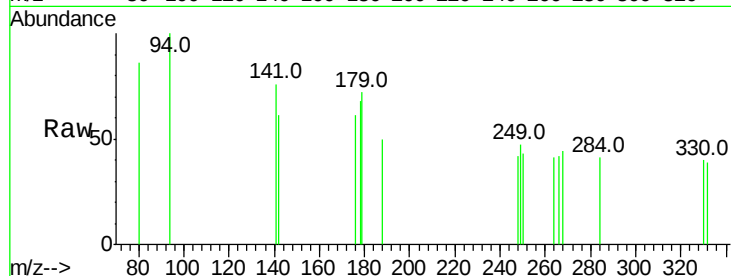




#20
4-Bromophenyl-phenylether
Concen: Below Cal
RT: 16.32 min Scan# 1215
Delta R.T. -0.13 min
Lab File: BE093966.D
Acq: 11 Sep 2017 17:08

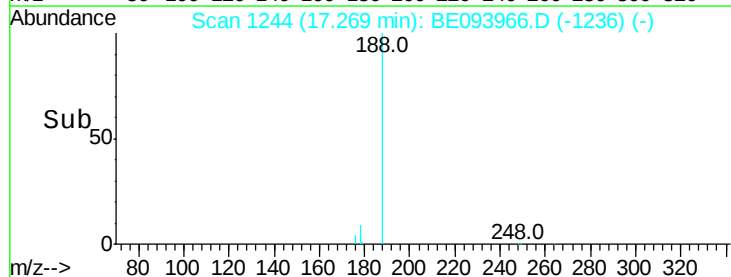
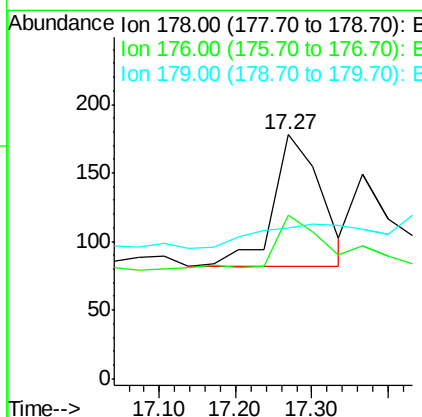
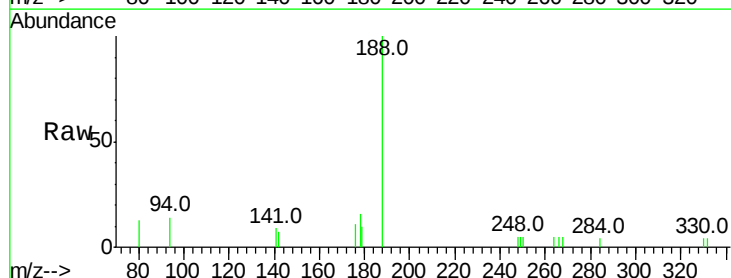
Instrument :
BNA_E
ClientSampled :
CPS133061

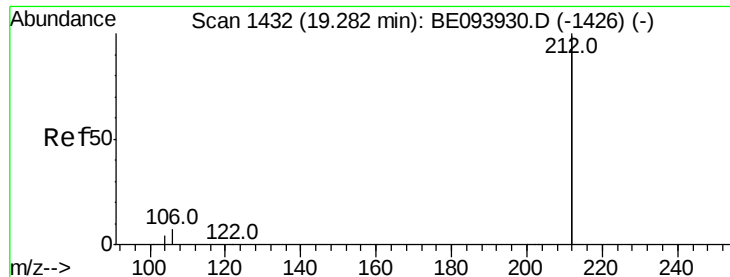
Tot Ion:248 Resp: 25
Ion Ratio Lower Upper
248 100
250 102.0 111.8 167.8#
141 179.6 27.1 40.7#



#23
Phenanthrene
Concen: Below Cal
RT: 17.27 min Scan# 1244
Delta R.T. -0.03 min
Lab File: BE093966.D
Acq: 11 Sep 2017 17:08

Tgt Ion:178 Resp: 420
Ion Ratio Lower Upper
178 100
176 61.0 0.0 0.0#
179 0.0 12.6 18.8#





#25

Fluoranthene-d10

Concen: 0.252 ng

RT: 19.27 min Scan# 1432

Delta R.T. -0.01 min

Lab File: BE093966.D

Acq: 11 Sep 2017 17:08

Instrument :

BNA_E

ClientSampleId :

CPS133061

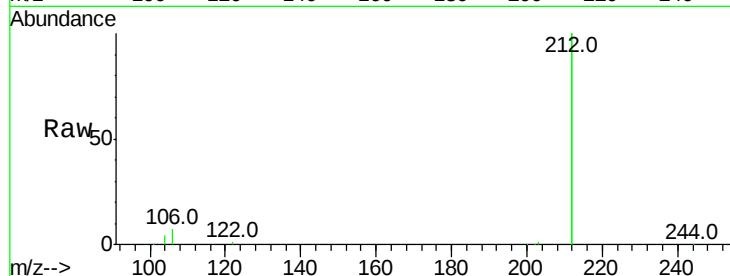
Tot Ion:212 Resp: 61473

Ion Ratio Lower Upper

212 100

106 3.5 2.7 4.1

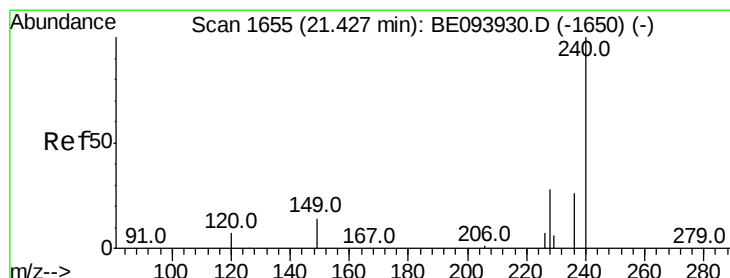
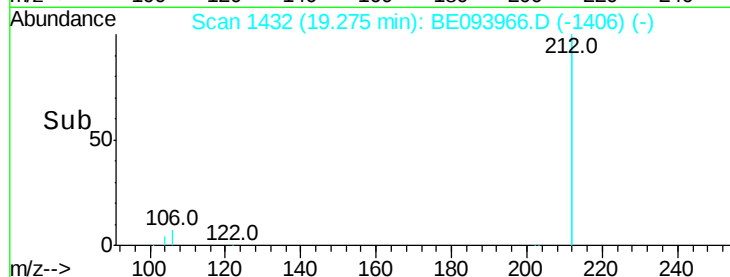
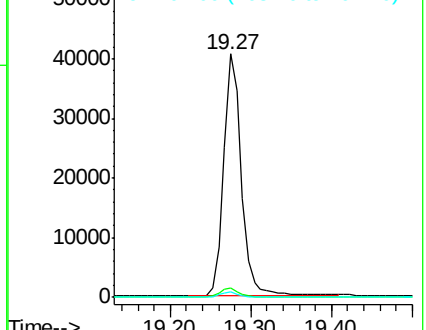
104 1.9 1.6 2.4



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. -0.01 min

Lab File: BE093966.D

Acq: 11 Sep 2017 17:08

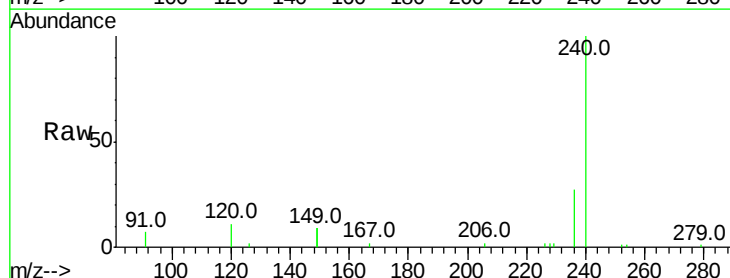
Tgt Ion:240 Resp: 16924

Ion Ratio Lower Upper

240 100

120 10.6 8.7 13.1

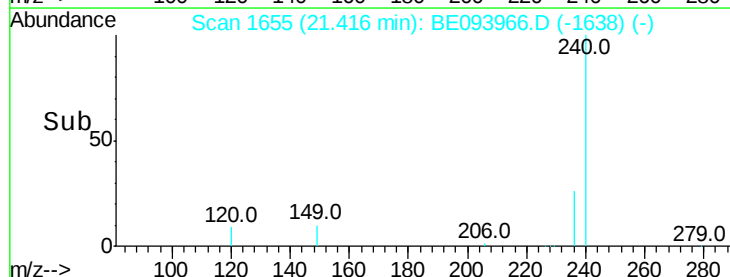
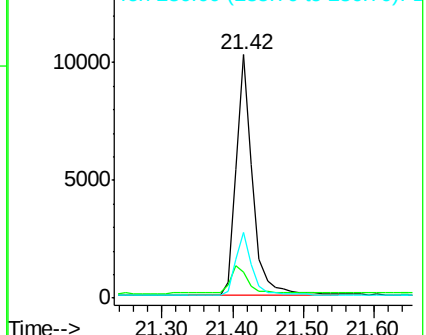
236 26.7 21.3 31.9

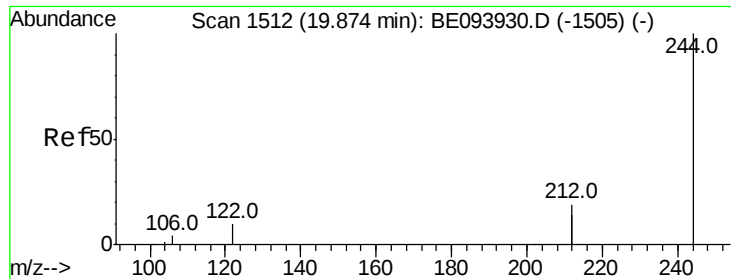


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.703 ng

RT: 19.86 min Scan# 1511

Delta R.T. -0.02 min

Lab File: BE093966.D

Acq: 11 Sep 2017 17:08

Instrument :

BNA_E

ClientSampleId :

CPS133061

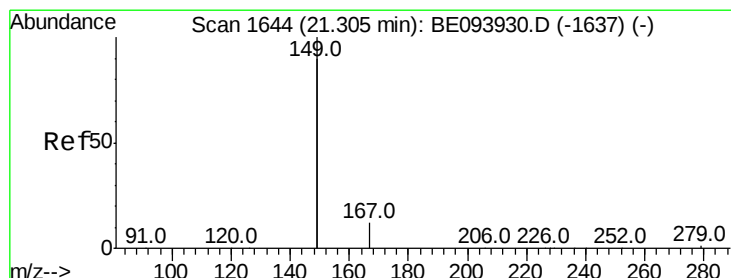
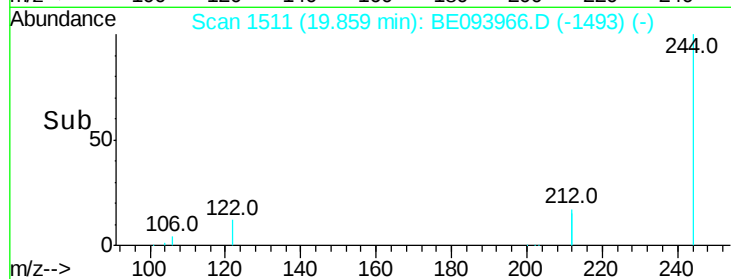
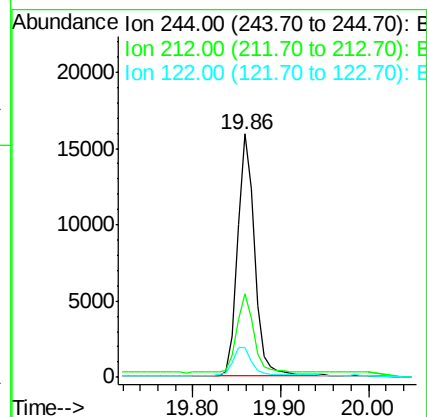
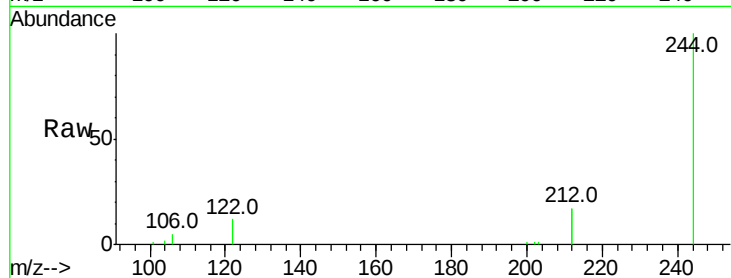
Tot Ion:244 Resp: 21893

Ion Ratio Lower Upper

244 100

212 34.3 28.3 42.5

122 12.4 9.4 14.0



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.142 ng

RT: 21.30 min Scan# 1645

Delta R.T. -0.00 min

Lab File: BE093966.D

Acq: 11 Sep 2017 17:08

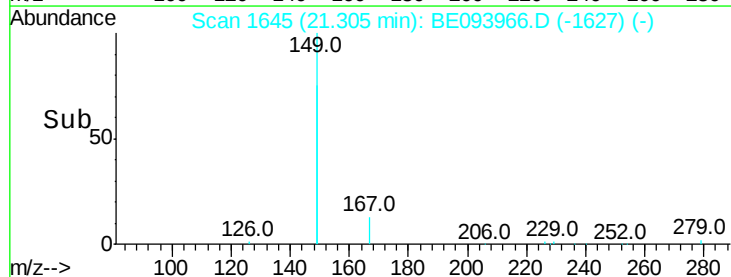
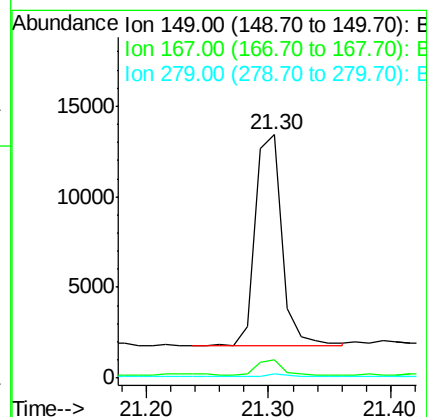
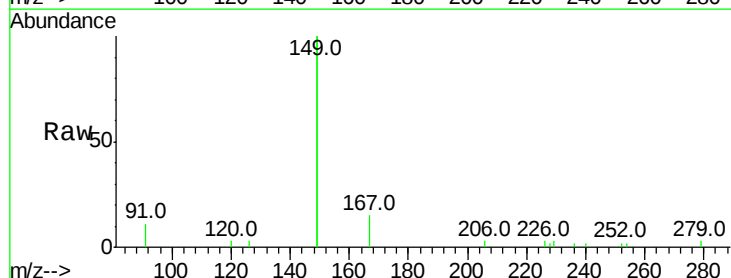
Tgt Ion:149 Resp: 17862

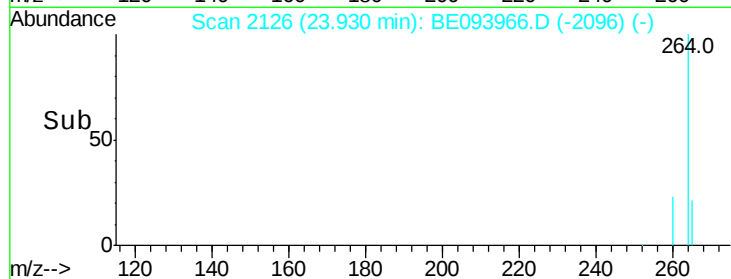
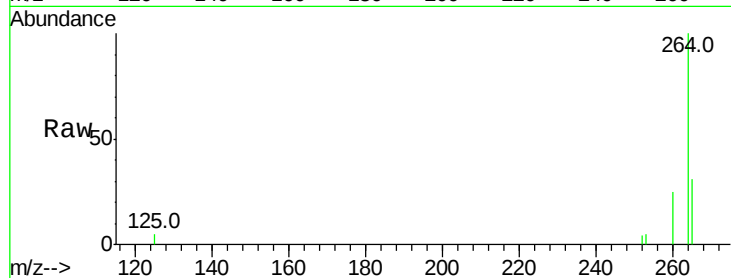
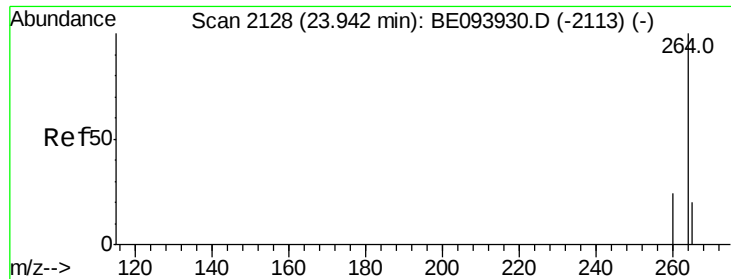
Ion Ratio Lower Upper

149 100

167 6.6 5.4 8.0

279 1.1 0.7 1.1





#34

Pervlene-d12

Concen: 0.400 ng

RT: 23.93 min Scan# 2126

Delta R.T. -0.01 min

Lab File: BE093966.D

Acq: 11 Sep 2017 17:08

Instrument :

BNA_E

ClientSampleId :

CPS133061

Tot Ion:264 Resp: 13696

Ion Ratio Lower Upper

264 100

260 24.8 20.0 30.0

265 31.1 24.0 36.0

