

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE091117\
 Data File : BE093965.D
 Acq On : 11 Sep 2017 16:32
 Operator : SJ/JU
 Sample : I5167-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 CPS073062

Quant Time: Sep 12 07:42:28 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

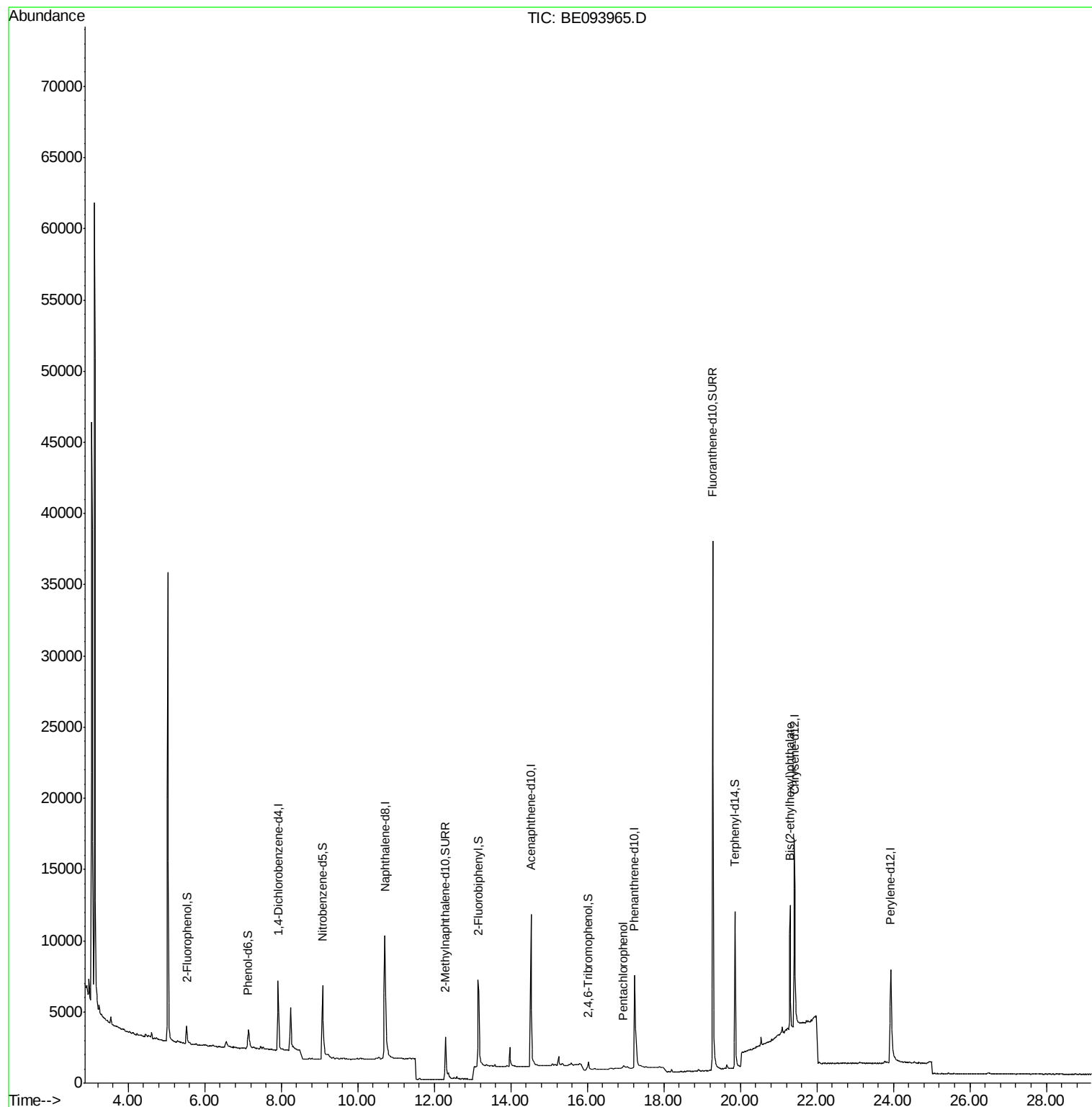
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	2555	0.40	ng	0.00
7) Naphthalene-d8	10.71	136	12742	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	7488	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	14496	0.40	ng	-0.03
27) Chrysene-d12	21.42	240	17898	0.40	ng	-0.01
34) Perylene-d12	23.93	264	14030	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	789	0.06	ng	0.00
8) Nitrobenzene-d5	9.08	82	3022	0.28	ng	0.00
11) 2-Methylnaphthalene-d10	12.29	152	5934	0.29	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	591	0.25	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	8656	0.29	ng	-0.01
25) Fluoranthene-d10	19.28	212	61126	0.28	ng	0.00
29) Terphenyl-d14	19.86	244	11830	0.36	ng	-0.01
Target Compounds						
20) 4-Bromophenyl-phenylether	16.32	248	4	Below Cal	#	34
22) Pentachlorophenol	16.94	266	350	0.152 ng		92
23) Phenanthrene	17.30	178	442	Below Cal	#	66
32) Bis(2-ethylhexyl)phthalate	21.30	149	11997	0.090 ng	#	99

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

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE091117\
Data File : BE093965.D
Acq On : 11 Sep 2017 16:32
Operator : SJ/JU
Sample : I5167-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
CPS073062

Quant Time: Sep 12 07:42:28 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



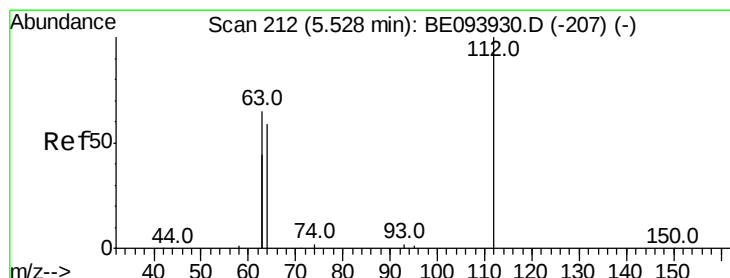
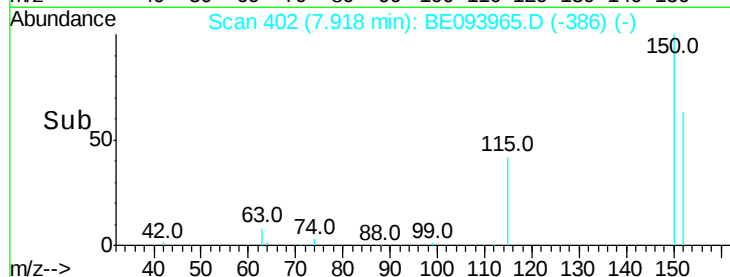
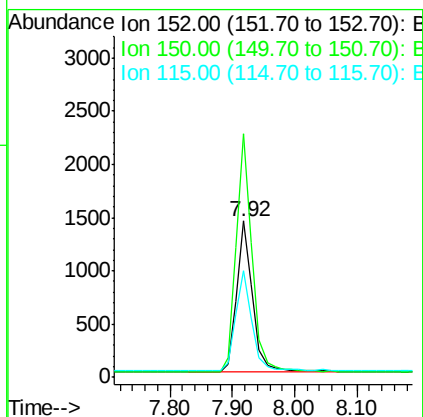
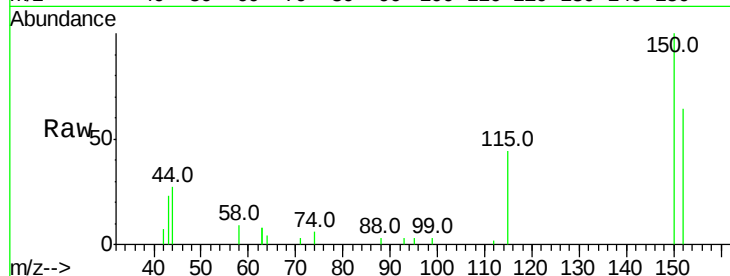


#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.92 min Scan# 402
Delta R.T. -0.00 min
Lab File: BE093965.D
Acq: 11 Sep 2017 16:32

Instrument :
BNA_E
ClientSampleId :
CPS073062

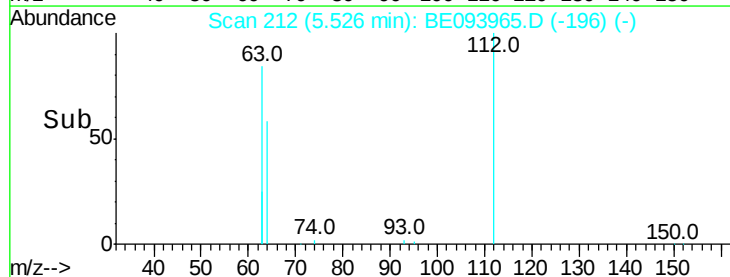
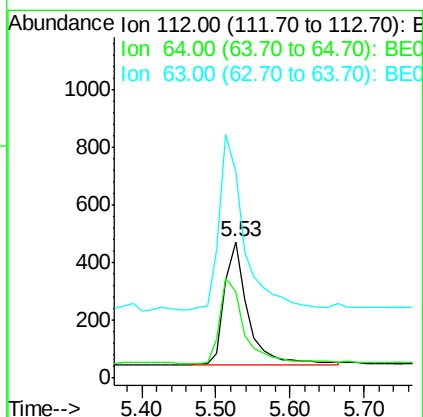
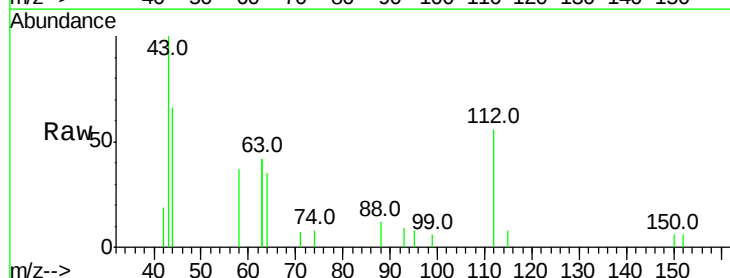
Tot Ion:152 Resp: 2555
Ion Ratio Lower Upper
152 100
150 155.6 121.8 182.6
115 68.3 52.6 79.0

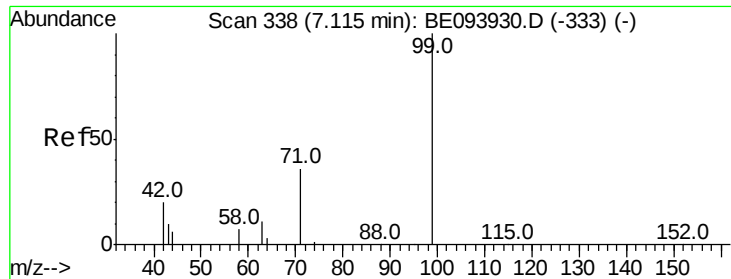


#4

2-Fluorophenol
Concen: 0.114 ng
RT: 5.53 min Scan# 212
Delta R.T. -0.00 min
Lab File: BE093965.D
Acq: 11 Sep 2017 16:32

Tgt Ion:112 Resp: 940
Ion Ratio Lower Upper
112 100
64 71.5 57.7 86.5
63 151.6 116.0 174.0





#5

Phenol-d6

Concen: 0.064 ng

RT: 7.11 min Scan# 338

Delta R.T. -0.00 min

Lab File: BE093965.D

Acq: 11 Sep 2017 16:32

Instrument :

BNA_E

ClientSampled :

CPS073062

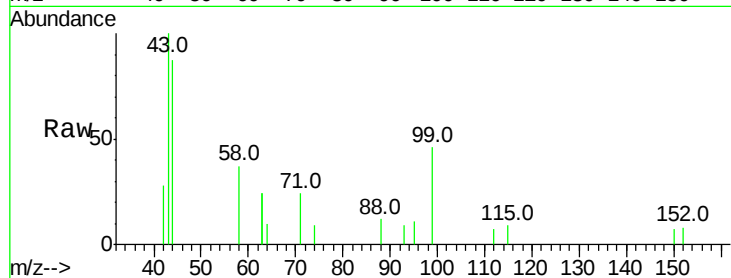
Tot Ion: 99 Resp: 789

Ion Ratio Lower Upper

99 100

42 28.8 17.1 25.7#

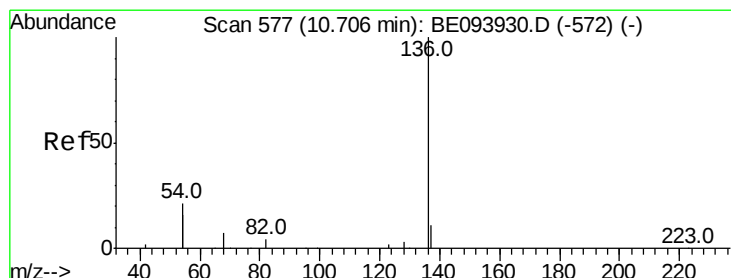
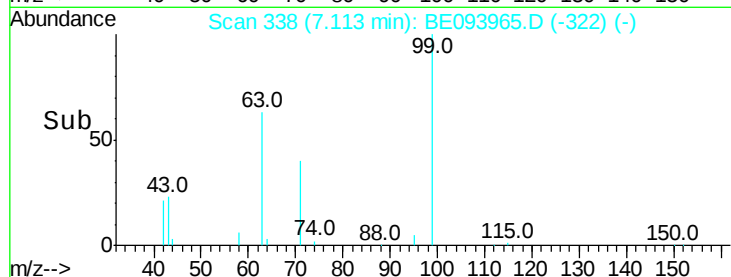
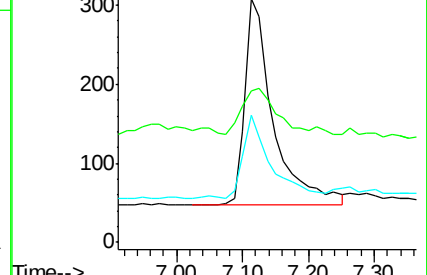
71 41.2 26.6 39.8#



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: BE093965.D

Acq: 11 Sep 2017 16:32

Tgt Ion: 136 Resp: 12742

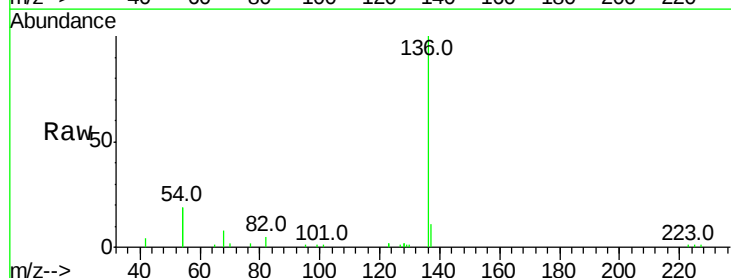
Ion Ratio Lower Upper

136 100

137 11.3 9.2 13.8

54 37.2 21.9 32.9#

68 7.6 4.6 7.0#

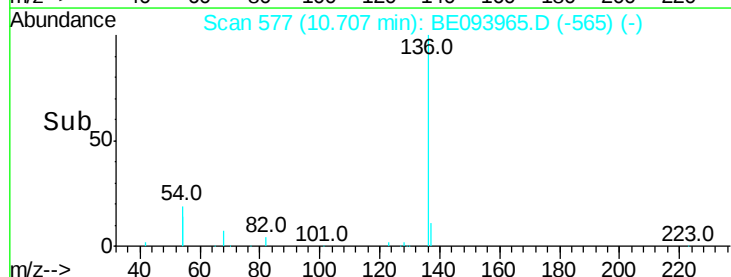
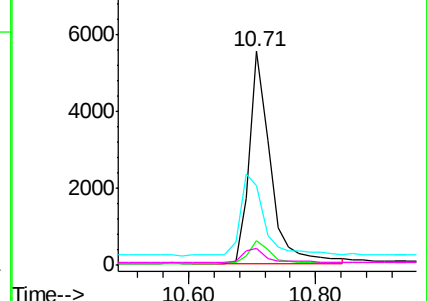


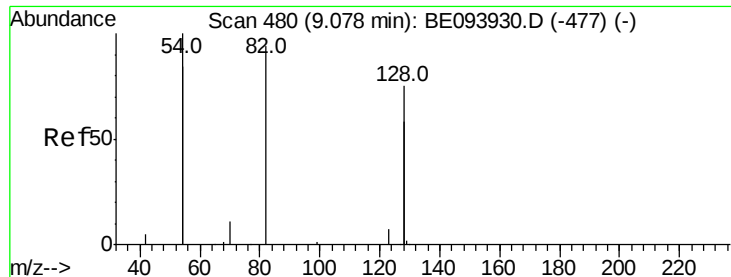
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.280 ng

RT: 9.08 min Scan# 480

Delta R.T. 0.00 min

Lab File: BE093965.D

Acq: 11 Sep 2017 16:32

Instrument :

BNA_E

ClientSampleId :

CPS073062

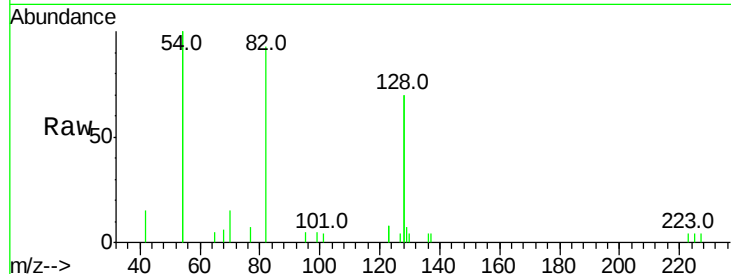
Tot Ion: 82 Resp: 3022

Ion Ratio Lower Upper

82 100

128 149.4 91.4 137.0#

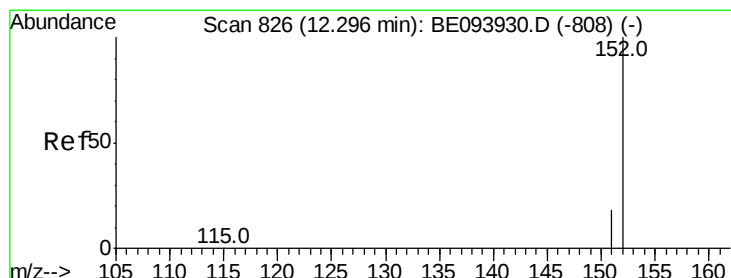
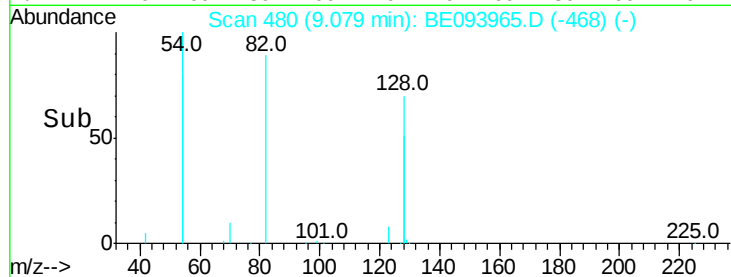
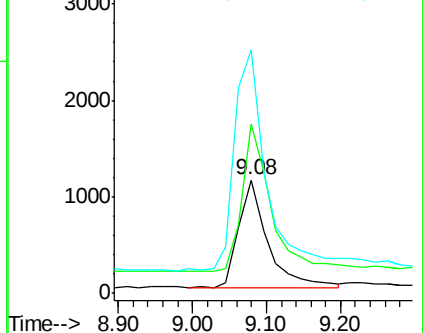
54 214.8 197.8 296.8



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: 0.291 ng

RT: 12.29 min Scan# 825

Delta R.T. -0.00 min

Lab File: BE093965.D

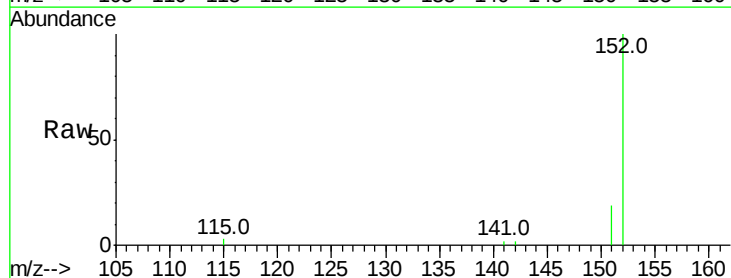
Acq: 11 Sep 2017 16:32

Tgt Ion: 152 Resp: 5934

Ion Ratio Lower Upper

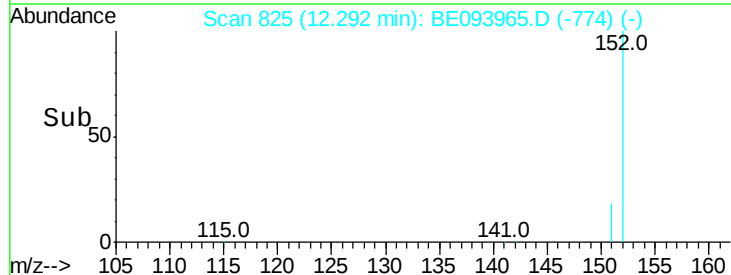
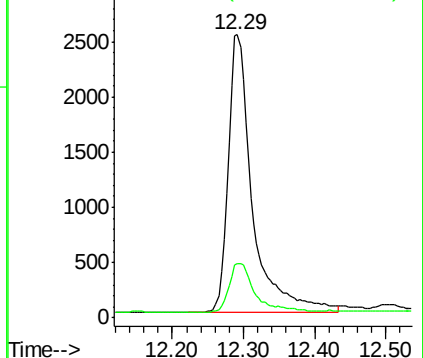
152 100

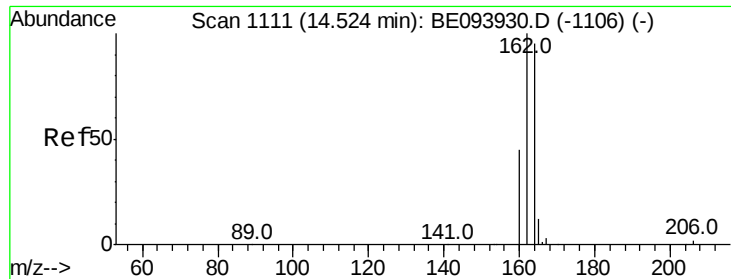
151 19.0 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

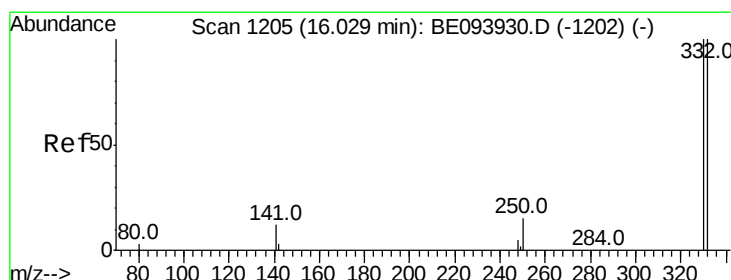
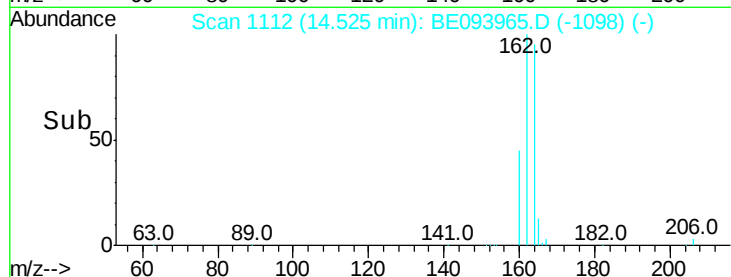
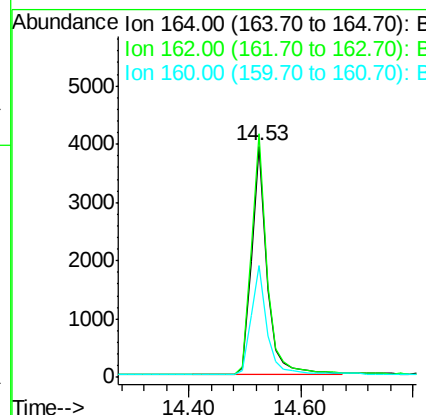
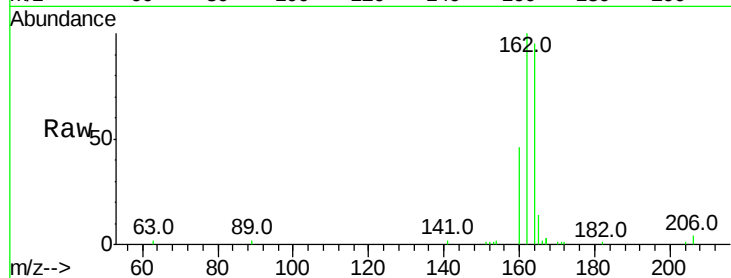




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.53 min Scan# 1112
 Delta R.T. 0.00 min
 Lab File: BE093965.D
 Acq: 11 Sep 2017 16:32

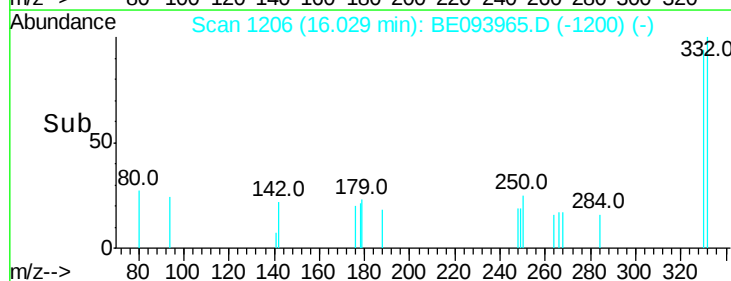
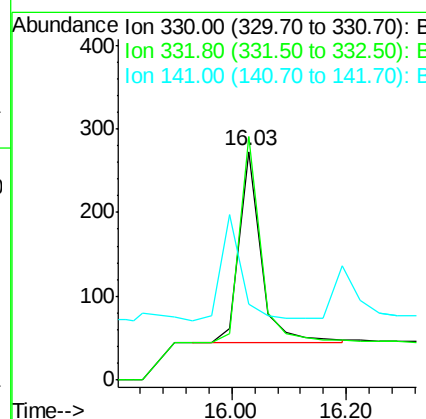
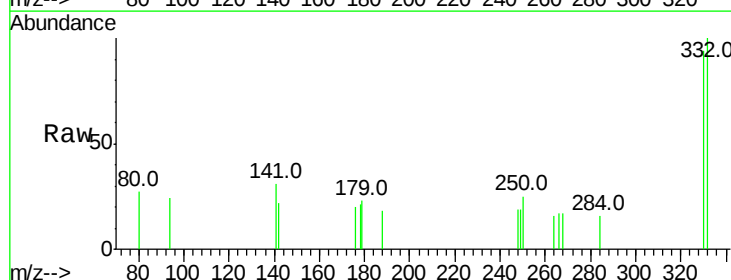
Instrument :
 BNA_E
 ClientSampled :
 CPS073062

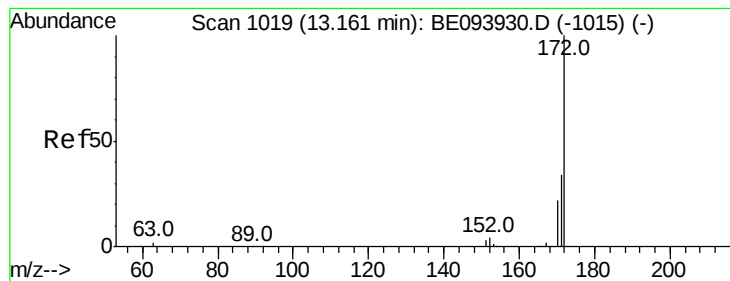
Tot Ion:164 Resp: 7488
 Ion Ratio Lower Upper
 164 100
 162 105.2 80.8 121.2
 160 48.5 37.0 55.4



#14
 2,4,6-Tribromophenol
 Concen: 0.255 ng
 RT: 16.03 min Scan# 1206
 Delta R.T. 0.00 min
 Lab File: BE093965.D
 Acq: 11 Sep 2017 16:32

Tgt Ion:330 Resp: 591
 Ion Ratio Lower Upper
 330 100
 332 105.6 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: BE093965.D

Acq: 11 Sep 2017 16:32

Instrument :

BNA_E

ClientSampleId :

CPS073062

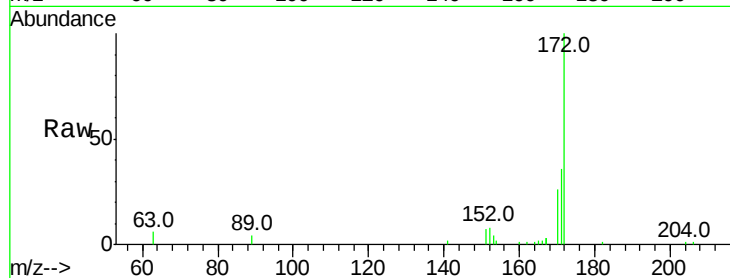
Tot Ion:172 Resp: 8656

Ion Ratio Lower Upper

172 100

171 36.5 26.9 40.3

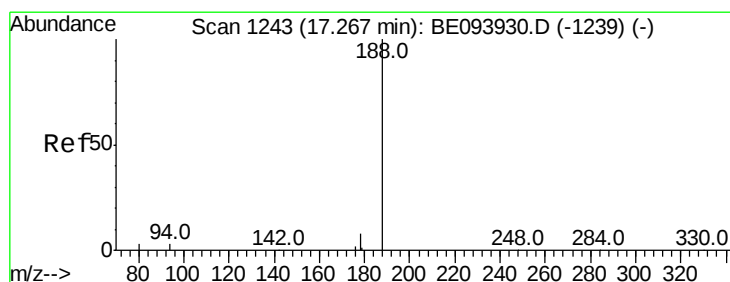
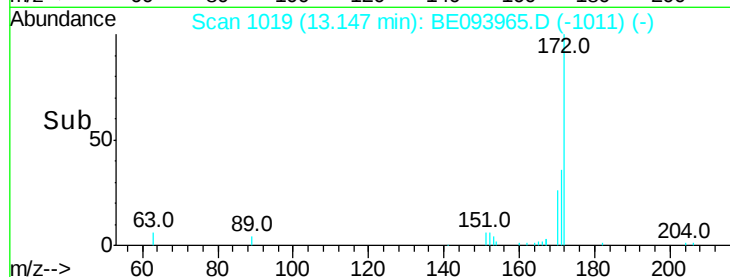
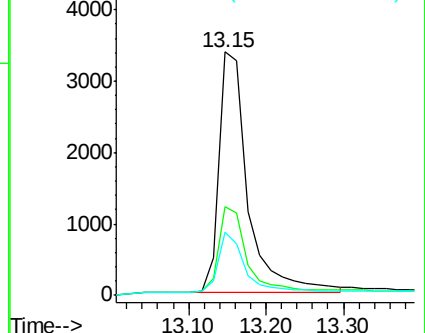
170 26.2 17.3 25.9#



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.24 min Scan# 1243

Delta R.T. -0.03 min

Lab File: BE093965.D

Acq: 11 Sep 2017 16:32

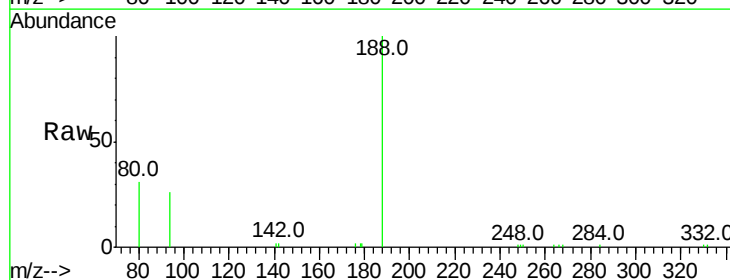
Tgt Ion:188 Resp: 14496

Ion Ratio Lower Upper

188 100

94 25.6 16.1 24.1#

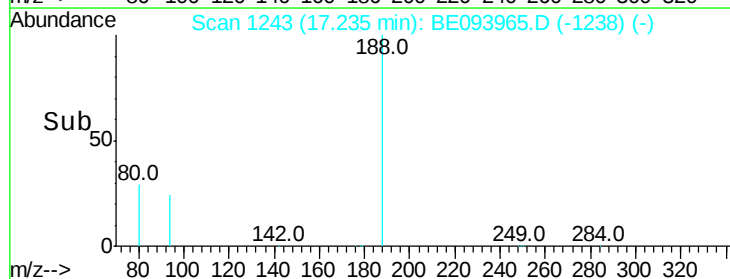
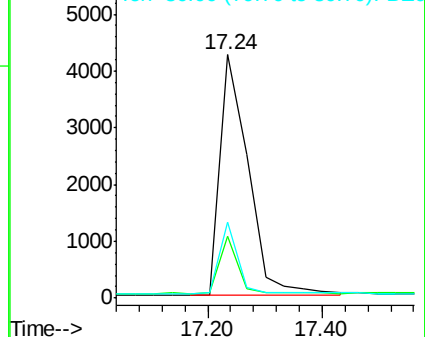
80 31.0 18.2 27.2#

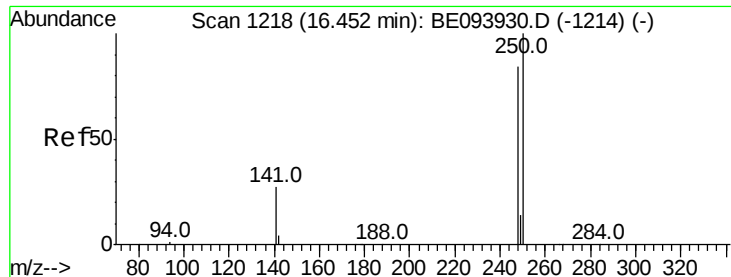


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0

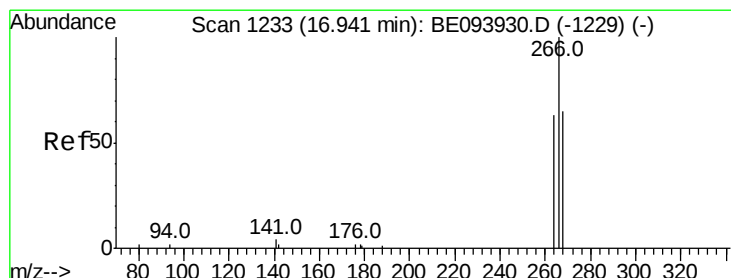
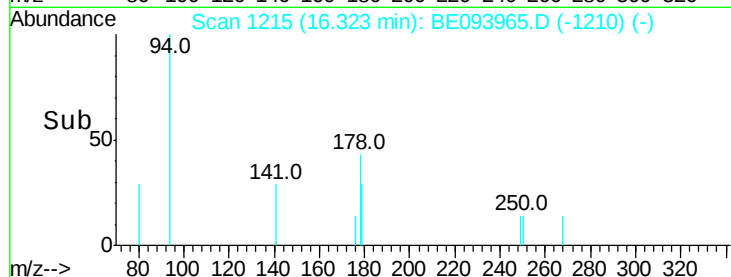
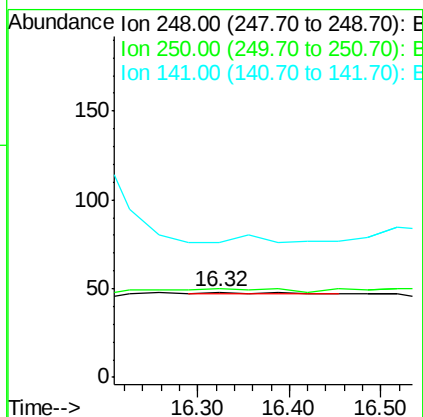
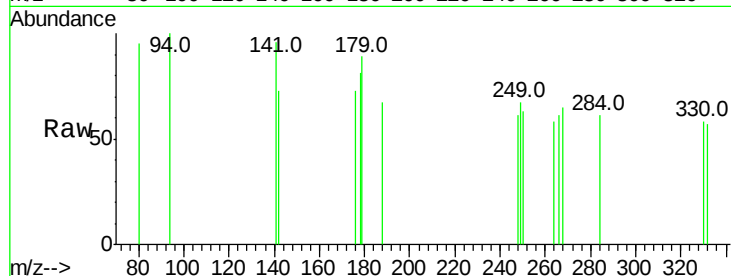




#20
4-Bromophenyl-phenylether
Concen: Below Cal
RT: 16.32 min Scan# 1215
Delta R.T. -0.13 min
Lab File: BE093965.D
Acq: 11 Sep 2017 16:32

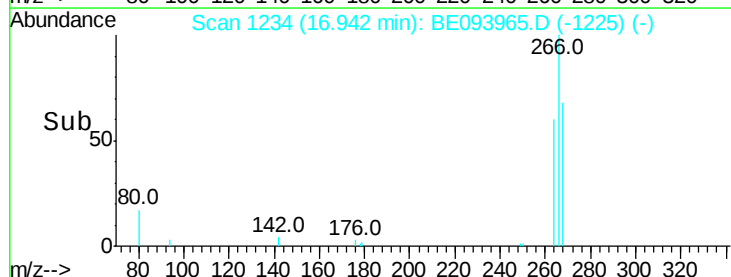
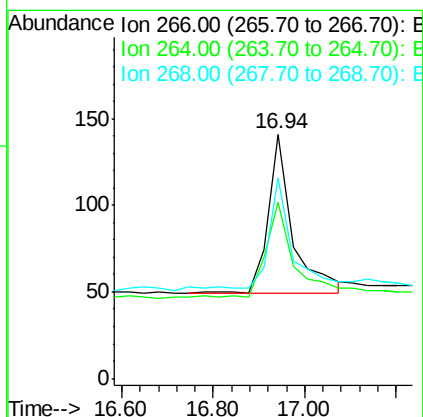
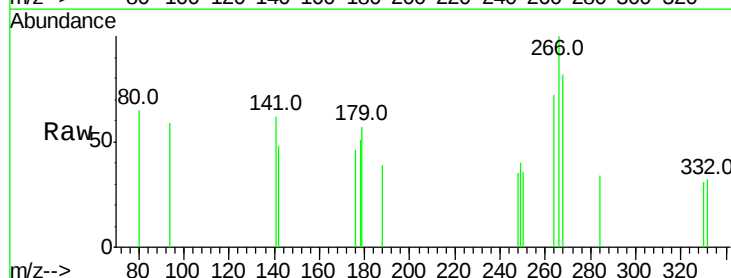
Instrument :
BNA_E
ClientSampleId :
CPS073062

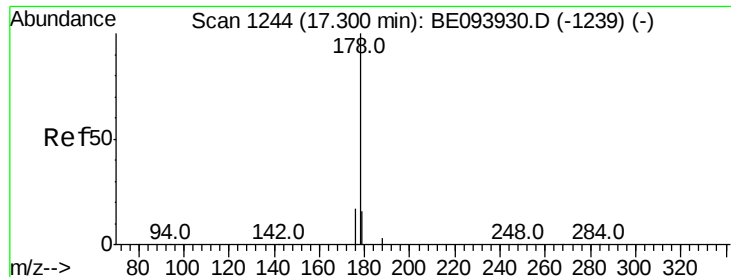
Tot Ion:248 Resp: 4
Ion Ratio Lower Upper
248 100
250 104.2 111.8 167.8#
141 158.3 27.1 40.7#



#22
Pentachlorophenol
Concen: 0.152 ng
RT: 16.94 min Scan# 1234
Delta R.T. 0.00 min
Lab File: BE093965.D
Acq: 11 Sep 2017 16:32

Tgt Ion:266 Resp: 350
Ion Ratio Lower Upper
266 100
264 72.3 53.5 80.3
268 82.3 60.0 90.0





#23

Phenanthrene

Concen: Below Cal

RT: 17.30 min Scan# 1245

Delta R.T. 0.00 min

Lab File: BE093965.D

Acq: 11 Sep 2017 16:32

Instrument :

BNA_E

ClientSampleId :

CPS073062

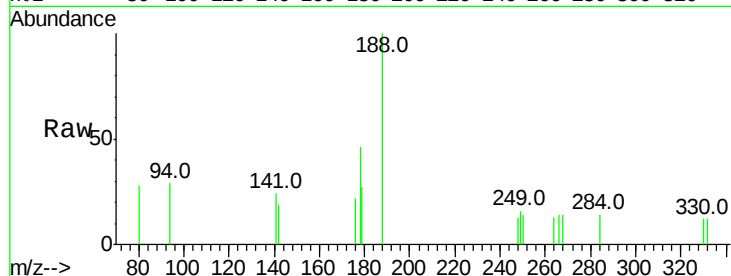
Tot Ion:178 Resp: 442

Ion Ratio Lower Upper

178 100

176 18.6 0.0 0.0#

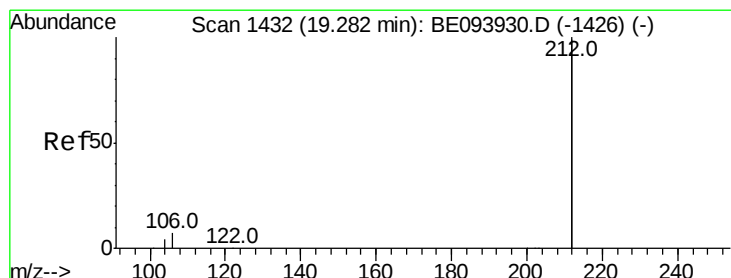
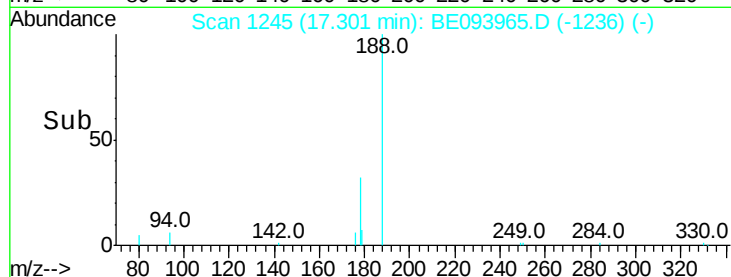
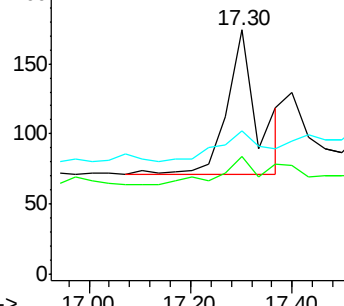
179 30.1 12.6 18.8#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#25

Fluoranthene-d10

Concen: 0.283 ng

RT: 19.28 min Scan# 1432

Delta R.T. -0.01 min

Lab File: BE093965.D

Acq: 11 Sep 2017 16:32

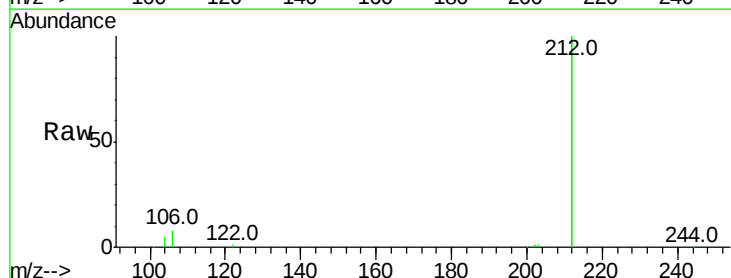
Tgt Ion:212 Resp: 61126

Ion Ratio Lower Upper

212 100

106 3.5 2.7 4.1

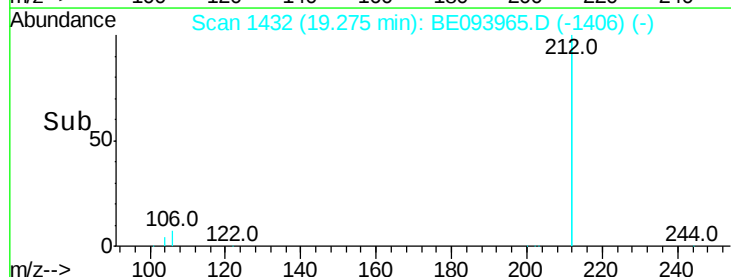
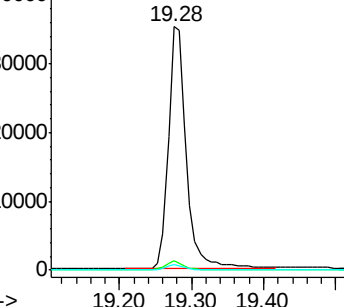
104 2.0 1.6 2.4

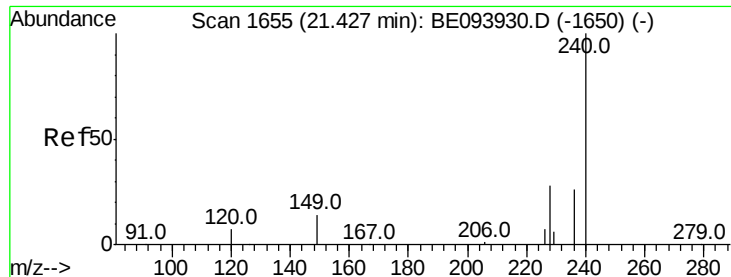


Abundance Ion 212.00 (211.70 to 212.70): E

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# 1655

Delta R.T. -0.01 min

Lab File: BE093965.D

Acq: 11 Sep 2017 16:32

Instrument :

BNA_E

ClientSampleId :

CPS073062

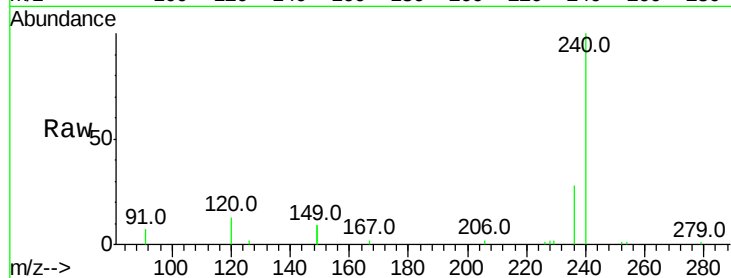
Tot Ion:240 Resp: 17898

Ion Ratio Lower Upper

240 100

120 13.5 8.7 13.1#

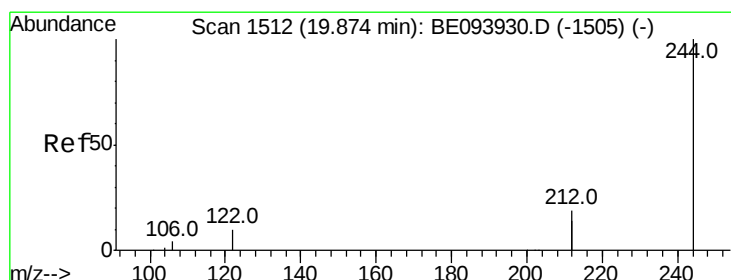
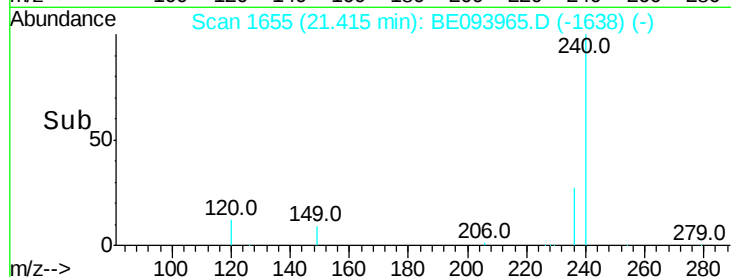
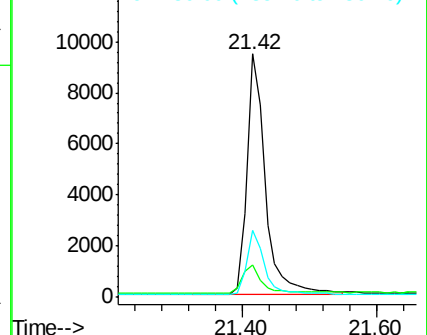
236 27.6 21.3 31.9



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: 0.359 ng

RT: 19.86 min Scan# 1511

Delta R.T. -0.01 min

Lab File: BE093965.D

Acq: 11 Sep 2017 16:32

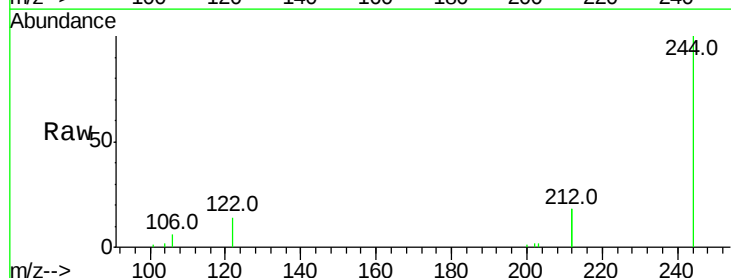
Tgt Ion:244 Resp: 11830

Ion Ratio Lower Upper

244 100

212 36.1 28.3 42.5

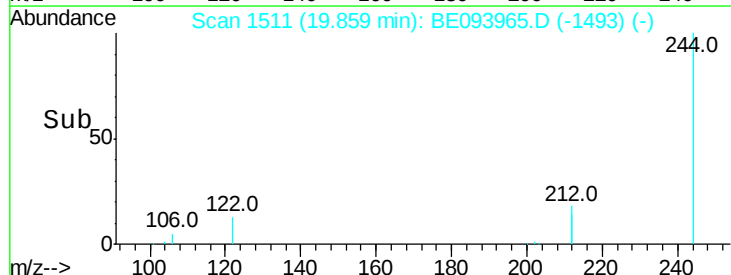
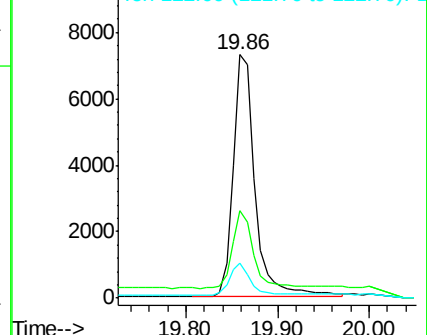
122 14.2 9.4 14.0#

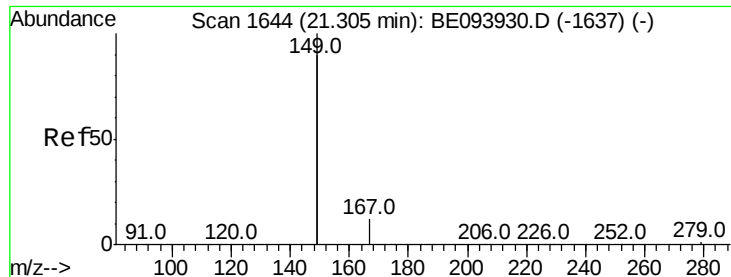


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

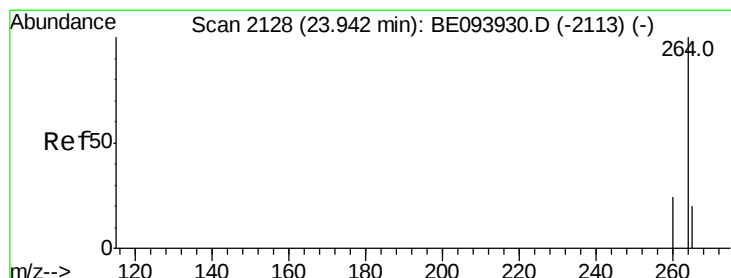
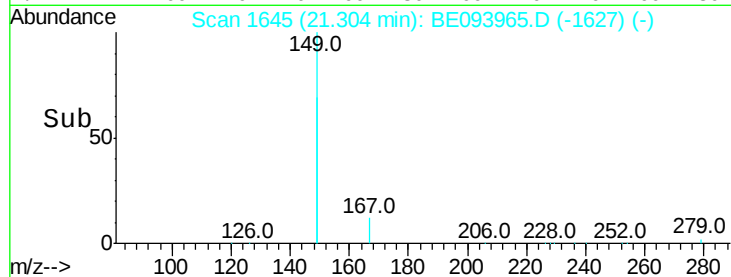
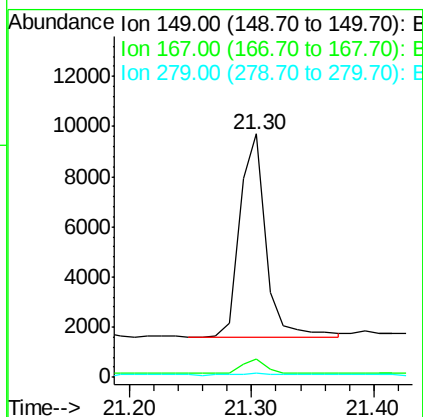
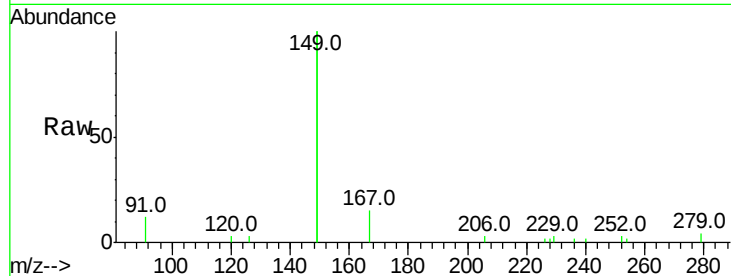




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.090 ng
 RT: 21.30 min Scan# 1645
 Delta R.T. -0.00 min
 Lab File: BE093965.D
 Acq: 11 Sep 2017 16:32

Instrument :
 BNA_E
 ClientSampleId :
 CPS073062

Tot Ion:149 Resp: 11997
 Ion Ratio Lower Upper
 149 100
 167 6.4 5.4 8.0
 279 1.2 0.7 1.1#



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.93 min Scan# 2127
 Delta R.T. -0.01 min
 Lab File: BE093965.D
 Acq: 11 Sep 2017 16:32

Tgt Ion:264 Resp: 14030
 Ion Ratio Lower Upper
 264 100
 260 25.2 20.0 30.0
 265 32.5 24.0 36.0

