

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE091117\
 Data File : BE093969.D
 Acq On : 11 Sep 2017 18:58
 Operator : SJ/JU
 Sample : I5167-09
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 CPS113061

Quant Time: Sep 12 08:17:49 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

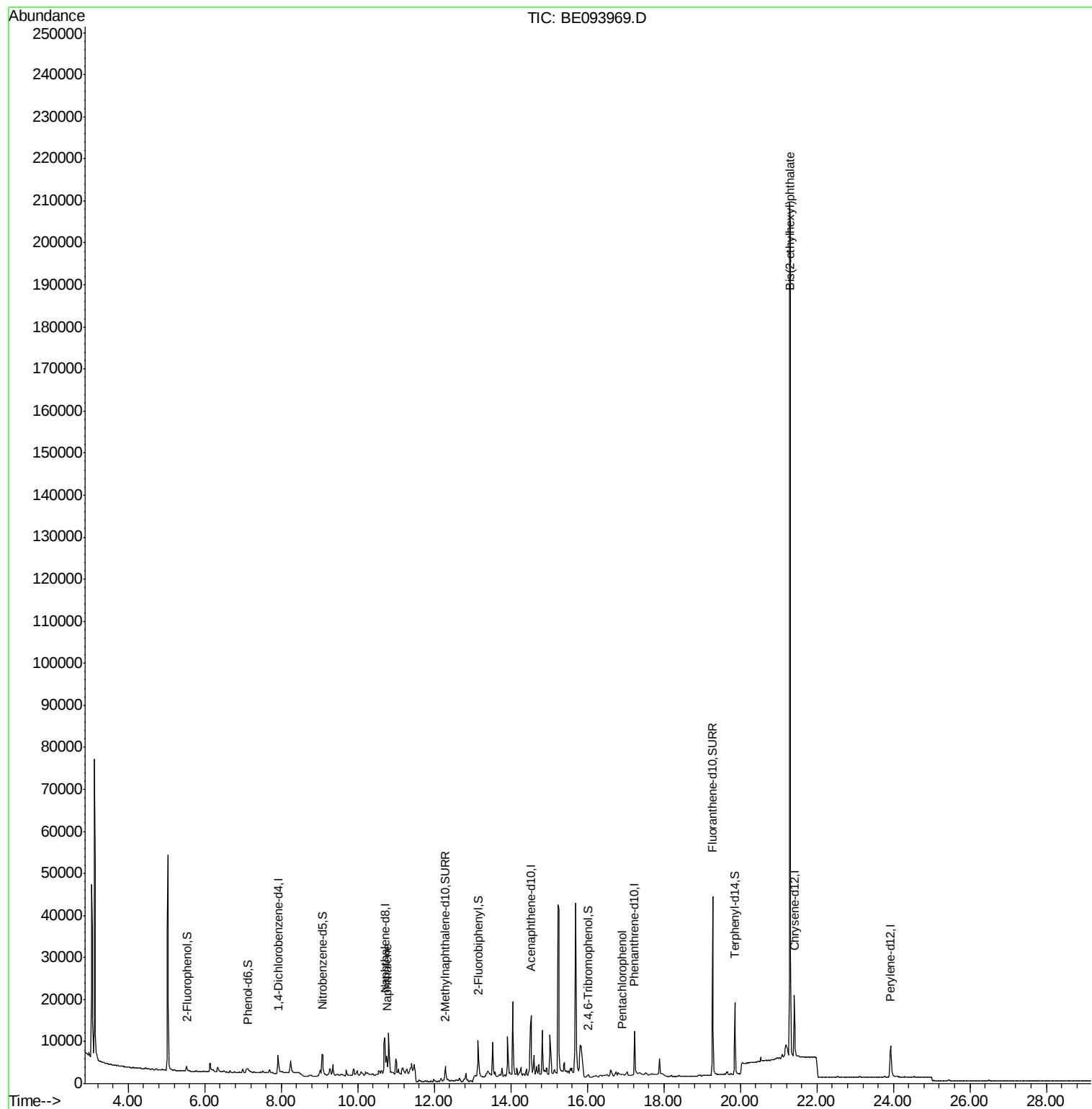
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	2250	0.40	ng	0.00
7) Naphthalene-d8	10.71	136	11914	0.40	ng	0.00
13) Acenaphthene-d10	14.52	164	7556	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	18320	0.40	ng	-0.03
27) Chrysene-d12	21.41	240	17331	0.40	ng	-0.01
34) Perylene-d12	23.93	264	14438	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.53	112	872	0.12	ng	0.00
5) Phenol-d6	7.11	99	720	0.07	ng	0.00
8) Nitrobenzene-d5	9.08	82	3023	0.30	ng	0.00
11) 2-Methylnaphthalene-d10	12.28	152	5448	0.29	ng	-0.01
14) 2,4,6-Tribromophenol	16.03	330	567	0.24	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	8394	0.28	ng	-0.01
25) Fluoranthene-d10	19.28	212	59268	0.22	ng	0.00
29) Terphenyl-d14	19.86	244	15954	0.50	ng	-0.01
Target Compounds						
9) Naphthalene	10.76	128	5528	0.040	ng	# 69
22) Pentachlorophenol	16.91	266	465	0.160	ng	# 83
32) Bis(2-ethylhexyl)phthalate	21.29	149	278004	2.151	ng	100

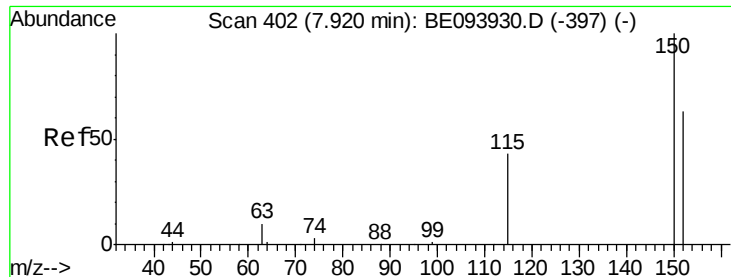
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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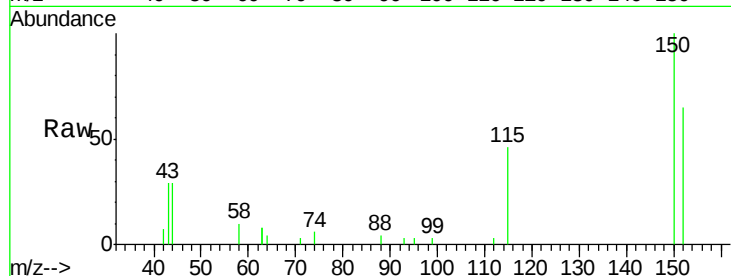


#1

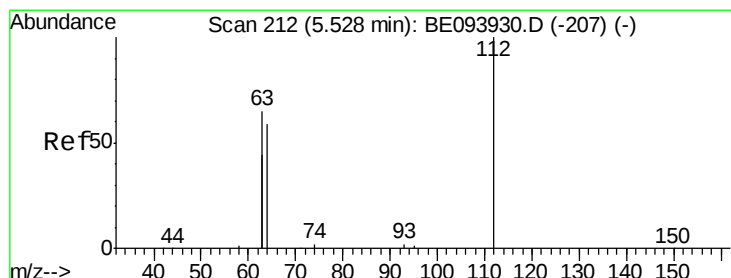
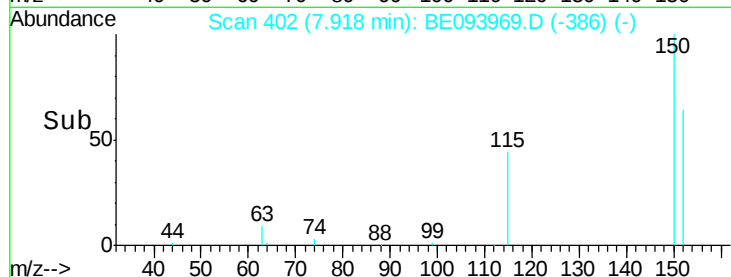
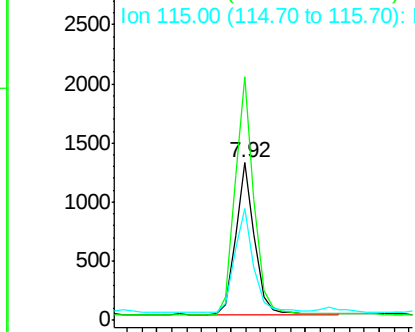
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.92 min Scan# 402
Delta R.T. -0.00 min
Lab File: BE093969.D
Acq: 11 Sep 2017 18:58

Instrument :
BNA_E
ClientSampled :
CPS113061

Tgt Ion:152 Resp: 2250
Ion Ratio Lower Upper
152 100
150 154.6 121.8 182.6
115 70.7 52.6 79.0



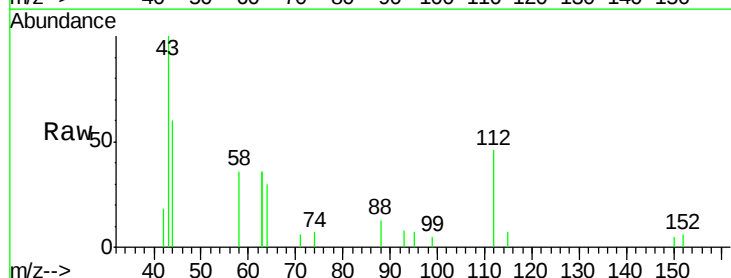
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



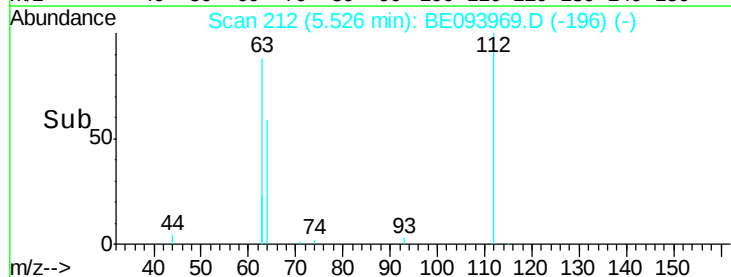
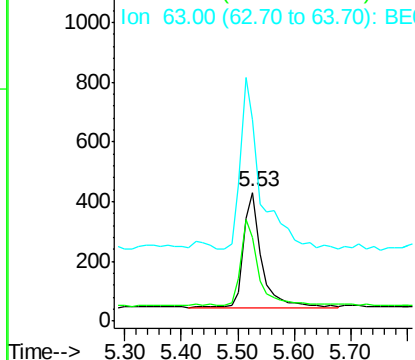
#4

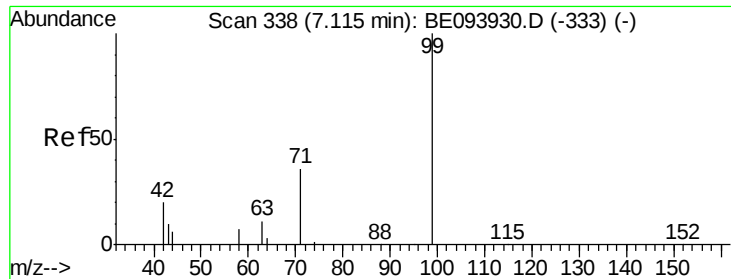
2-Fluorophenol
Concen: 0.120 ng
RT: 5.53 min Scan# 212
Delta R.T. -0.00 min
Lab File: BE093969.D
Acq: 11 Sep 2017 18:58

Tgt Ion:112 Resp: 872
Ion Ratio Lower Upper
112 100
64 72.4 57.7 86.5
63 163.4 116.0 174.0



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: 0.066 ng

RT: 7.11 min Scan# 338

Delta R.T. -0.00 min

Lab File: BE093969.D

Acq: 11 Sep 2017 18:58

Instrument :

BNA_E

ClientSampled :

CPS113061

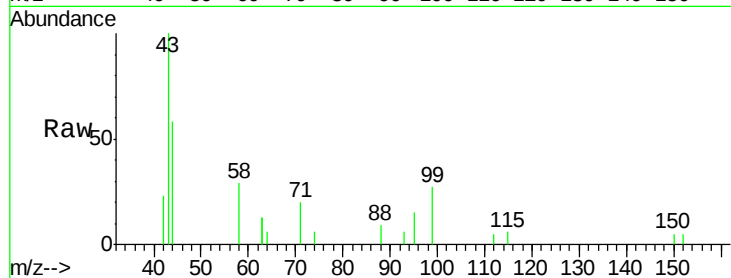
Tgt Ion: 99 Resp: 720

Ion Ratio Lower Upper

99 100

42 36.1 17.1 25.7#

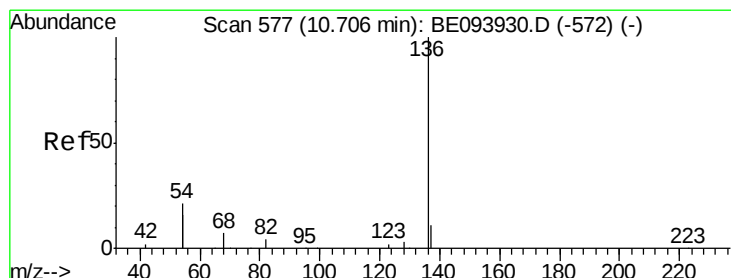
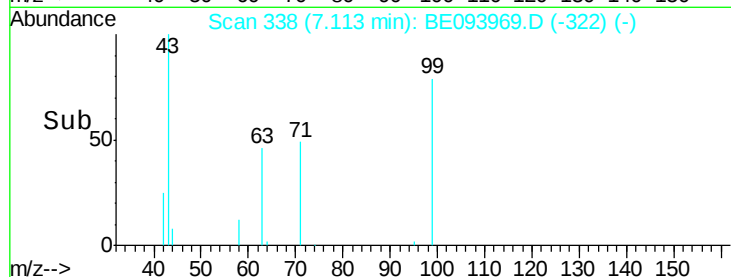
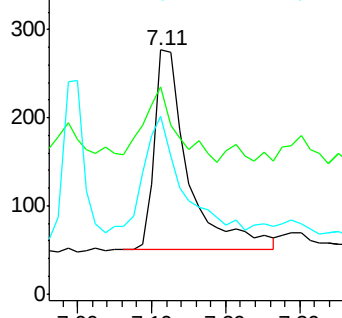
71 68.3 26.6 39.8#



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: BE093969.D

Acq: 11 Sep 2017 18:58

Tgt Ion: 136 Resp: 11914

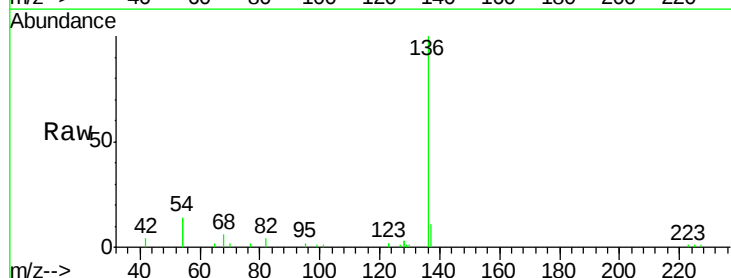
Ion Ratio Lower Upper

136 100

137 11.2 9.2 13.8

54 27.3 21.9 32.9

68 6.0 4.6 7.0

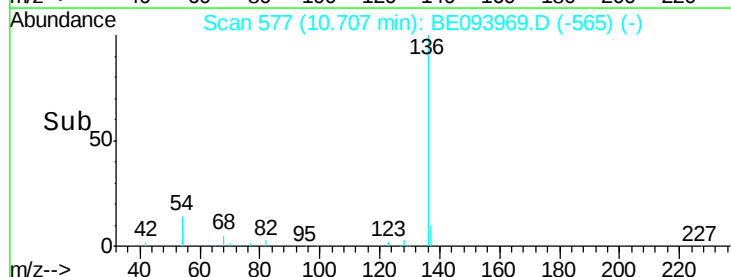
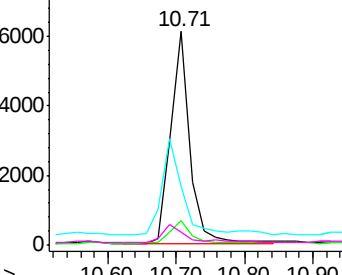


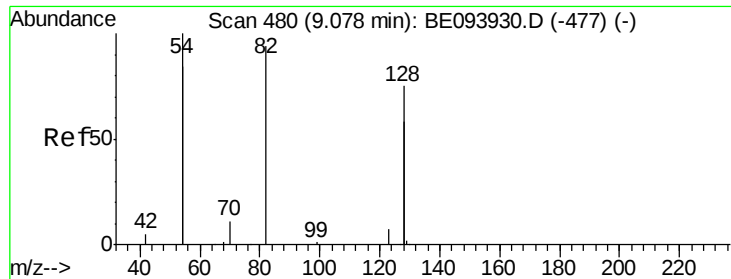
Abundance Ion 136.00 (135.70 to 136.70): E

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

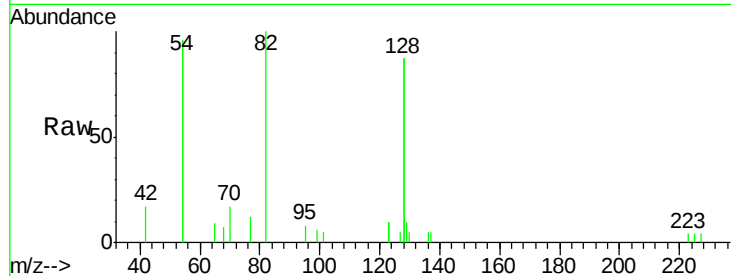




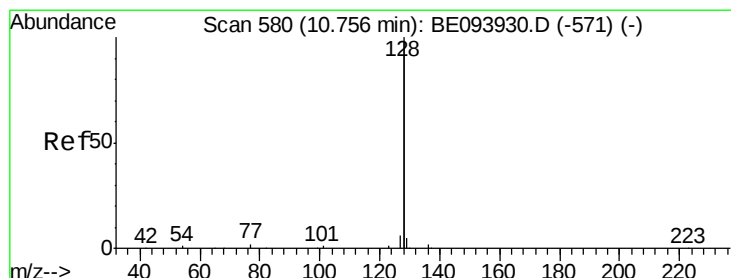
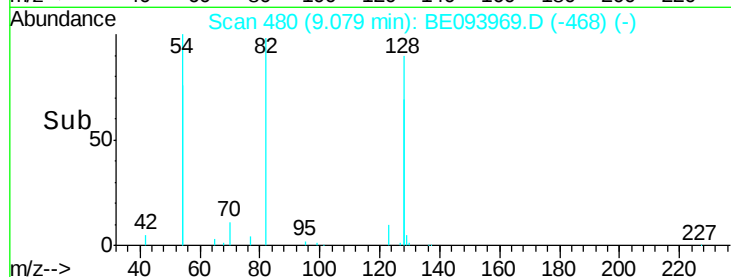
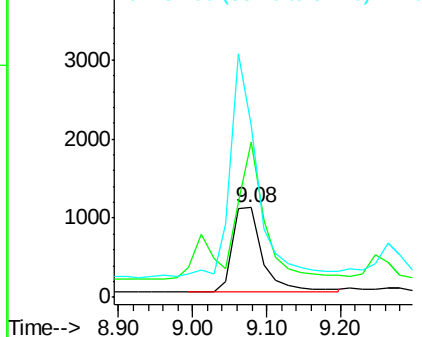
#8
Nitrobenzene-d5
Concen: 0.300 ng
RT: 9.08 min Scan# 480
Delta R.T. 0.00 min
Lab File: BE093969.D
Acq: 11 Sep 2017 18:58

Instrument :
BNA_E
ClientSampleId :
CPS113061

Tgt Ion: 82 Resp: 3023
Ion Ratio Lower Upper
82 100
128 173.3 91.4 137.0#
54 191.7 197.8 296.8#

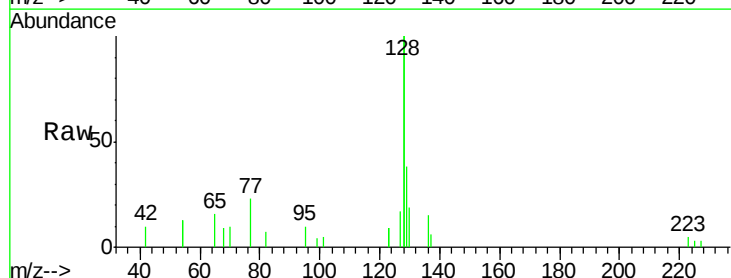


Abundance Ion 82.00 (81.70 to 82.70): BE0
Ion 128.00 (127.70 to 128.70): BE0
Ion 54.00 (53.70 to 54.70): BE0

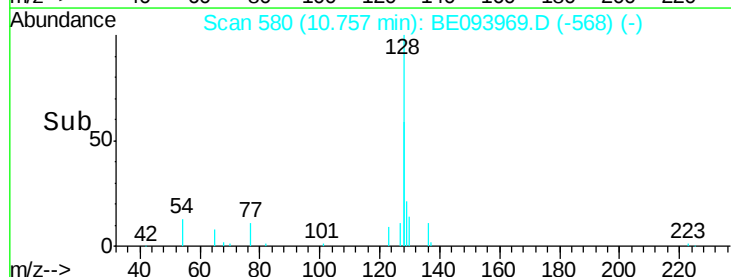
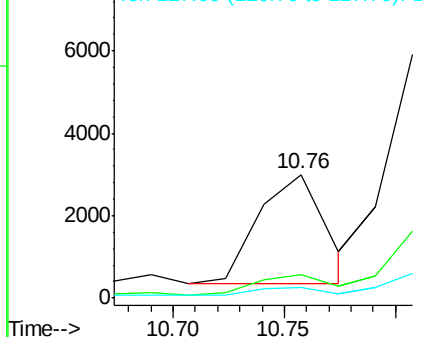


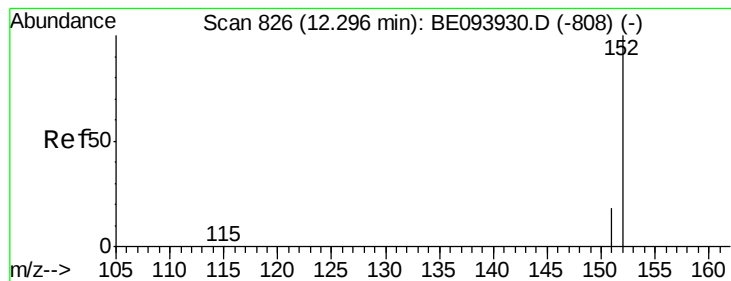
#9
Naphthalene
Concen: 0.040 ng
RT: 10.76 min Scan# 580
Delta R.T. 0.00 min
Lab File: BE093969.D
Acq: 11 Sep 2017 18:58

Tgt Ion: 128 Resp: 5528
Ion Ratio Lower Upper
128 100
129 18.8 2.5 3.7#
127 8.3 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





#11

2-Methylnaphthalene-d10

Concen: 0.286 ng

RT: 12.28 min Scan# 823

Delta R.T. -0.01 min

Lab File: BE093969.D

Acq: 11 Sep 2017 18:58

Instrument :

BNA_E

ClientSampleId :

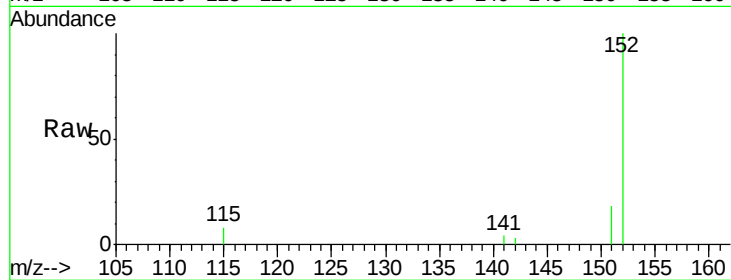
CPS113061

Tgt Ion:152 Resp: 5448

Ion Ratio Lower Upper

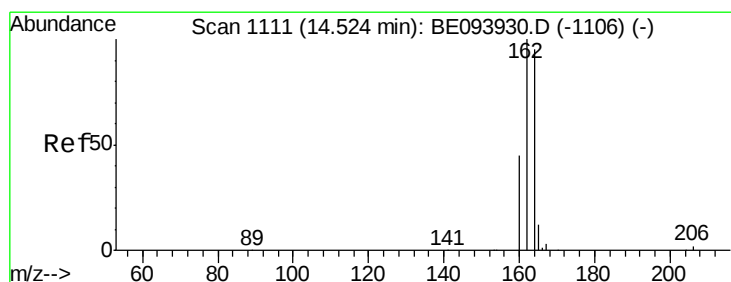
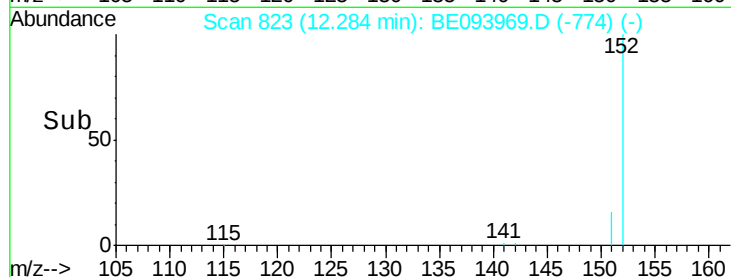
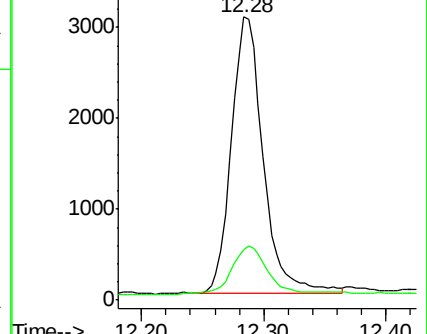
152 100

151 19.1 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: BE093969.D

Acq: 11 Sep 2017 18:58

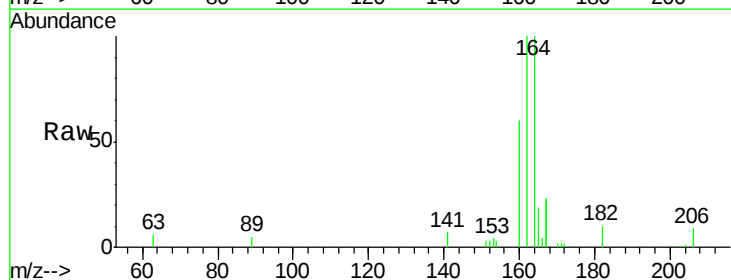
Tgt Ion:164 Resp: 7556

Ion Ratio Lower Upper

164 100

162 100.2 80.8 121.2

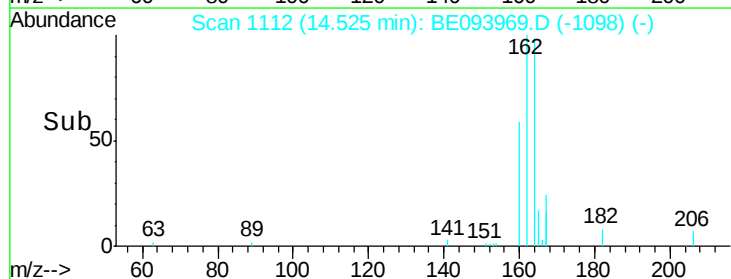
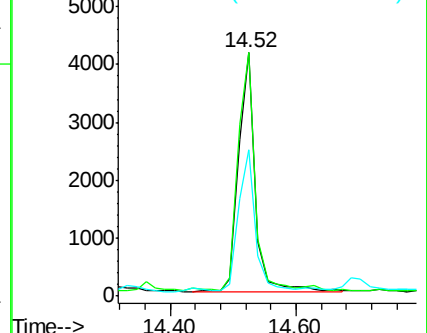
160 60.2 37.0 55.4#

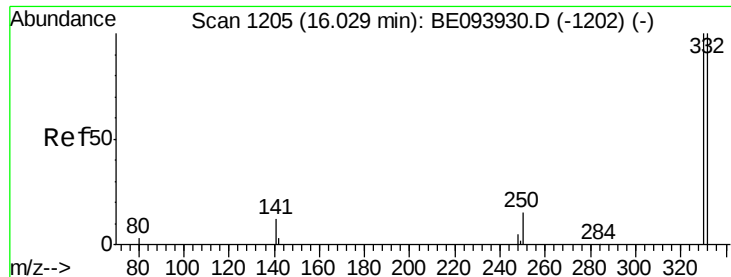


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#14

2,4,6-Tribromophenol

Concen: 0.242 ng

RT: 16.03 min Scan# 1206

Delta R.T. 0.00 min

Lab File: BE093969.D

Acq: 11 Sep 2017 18:58

Instrument :

BNA_E

ClientSampleId :

CPS113061

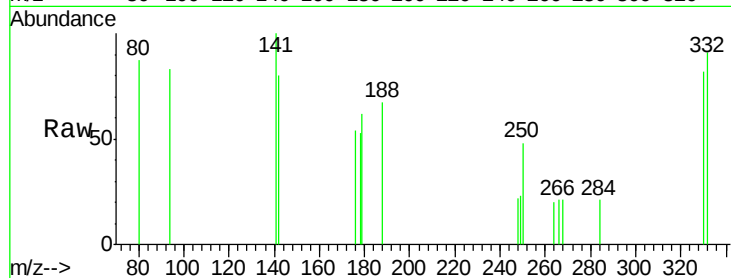
Tgt Ion:330 Resp: 567

Ion Ratio Lower Upper

330 100

332 94.5 76.9 115.3

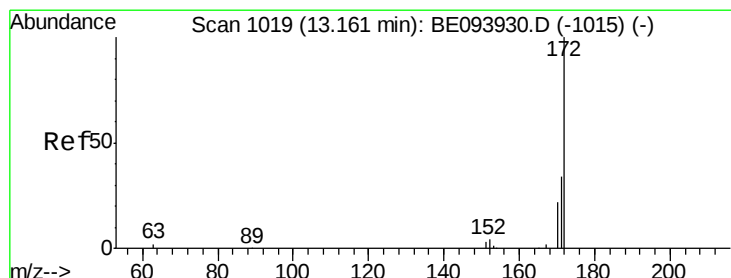
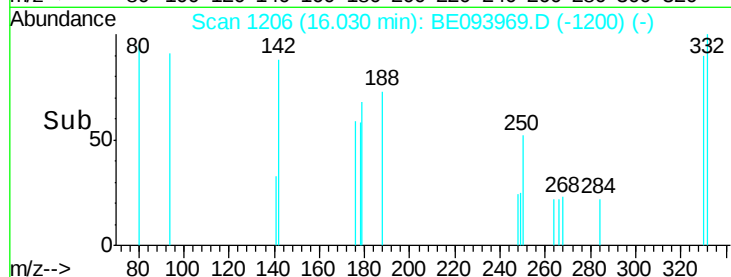
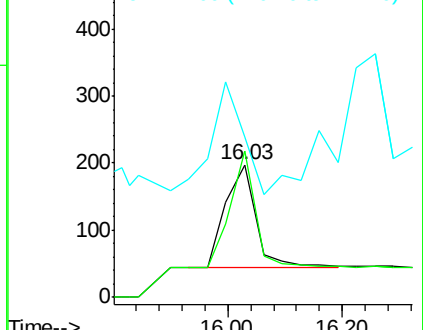
141 0.0 0.0 0.0



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: 0.281 ng

RT: 13.15 min Scan# 1019

Delta R.T. -0.01 min

Lab File: BE093969.D

Acq: 11 Sep 2017 18:58

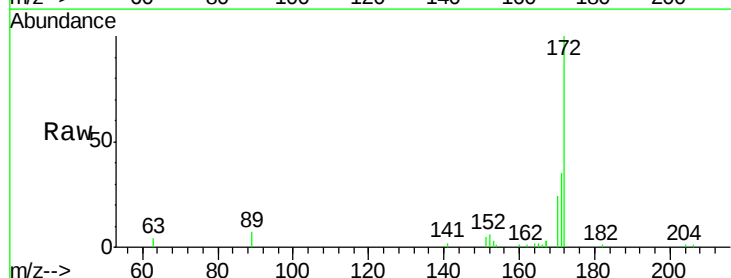
Tgt Ion:172 Resp: 8394

Ion Ratio Lower Upper

172 100

171 35.3 26.9 40.3

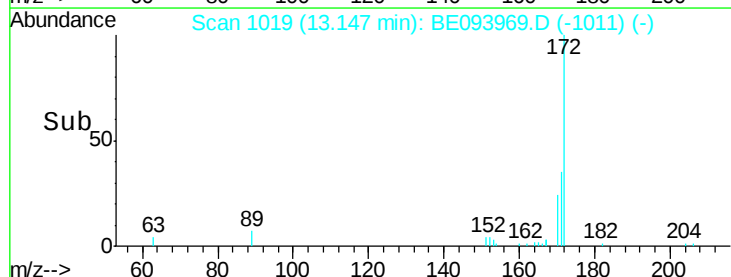
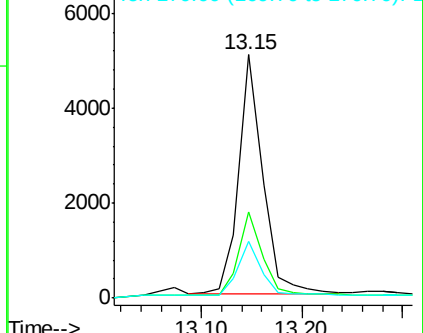
170 23.5 17.3 25.9

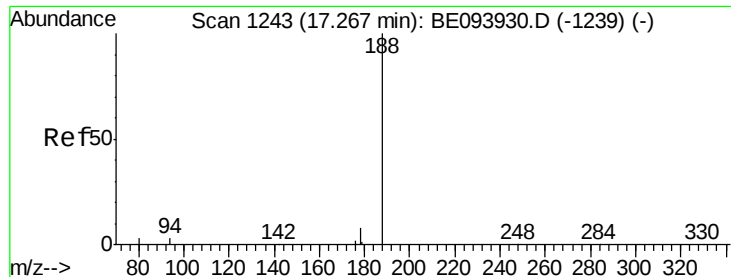


Abundance Ion 172.00 (171.70 to 172.70): E

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: BE093969.D

Acq: 11 Sep 2017 18:58

Instrument :

BNA_E

ClientSampled :

CPS113061

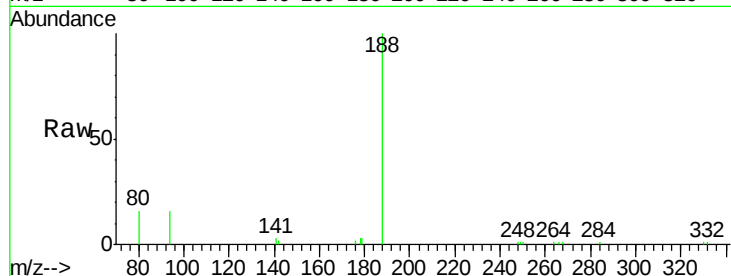
Tgt Ion:188 Resp: 18320

Ion Ratio Lower Upper

188 100

94 15.7 16.1 24.1#

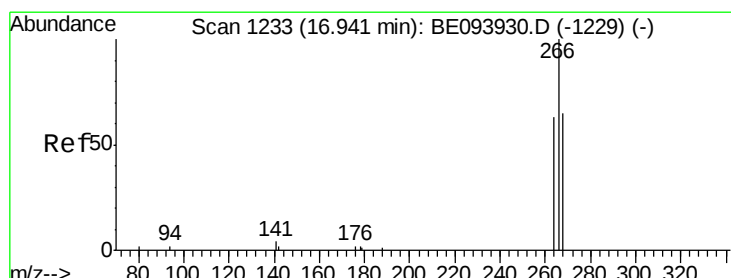
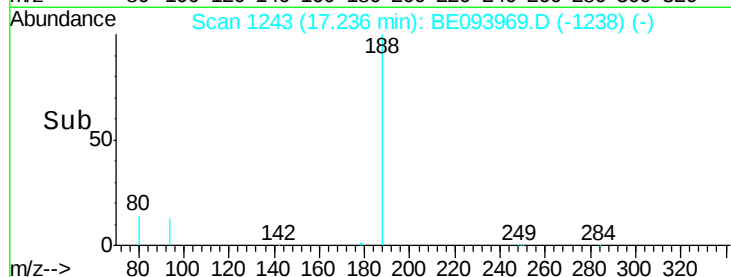
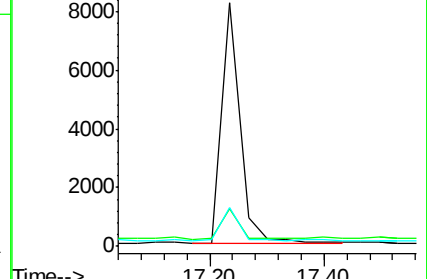
80 15.9 18.2 27.2#



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



#22

Pentachlorophenol

Concen: 0.160 ng

RT: 16.91 min Scan# 1233

Delta R.T. -0.03 min

Lab File: BE093969.D

Acq: 11 Sep 2017 18:58

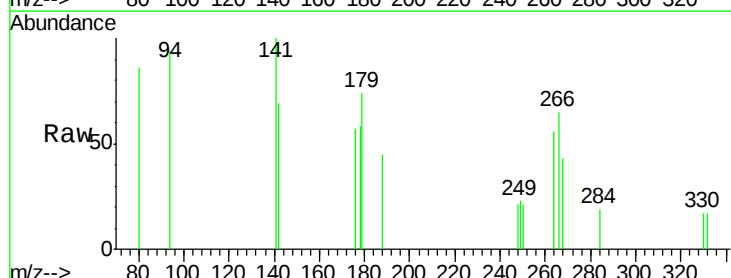
Tgt Ion:266 Resp: 465

Ion Ratio Lower Upper

266 100

264 86.7 53.5 80.3#

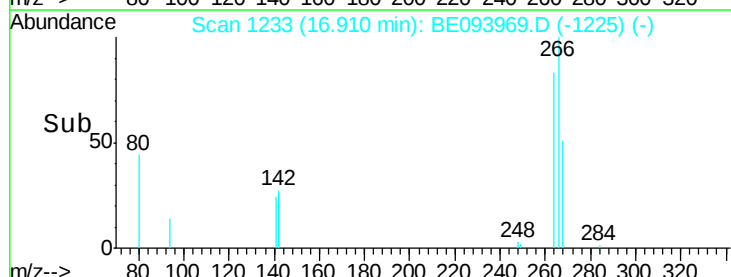
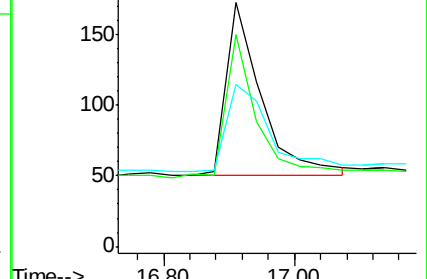
268 66.5 60.0 90.0

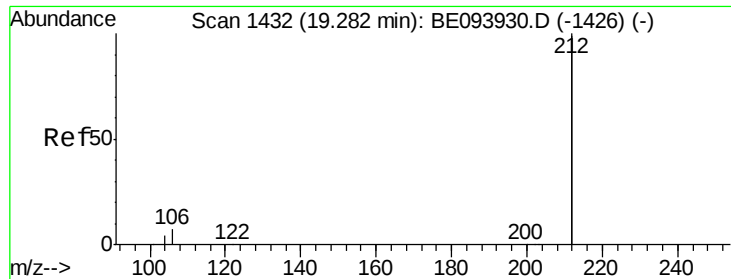


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

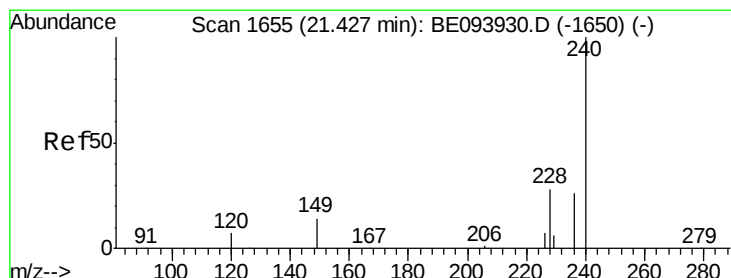
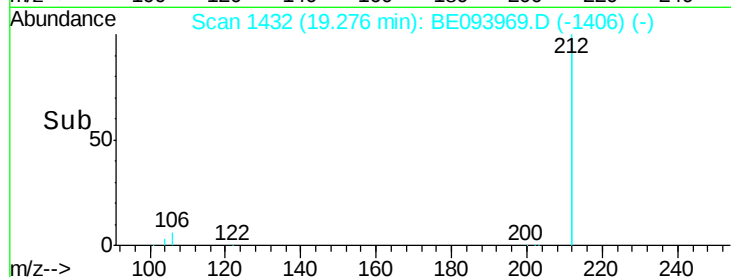
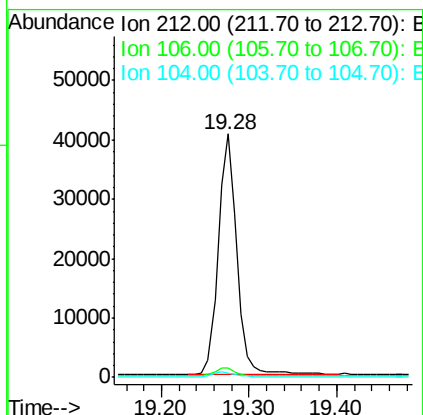
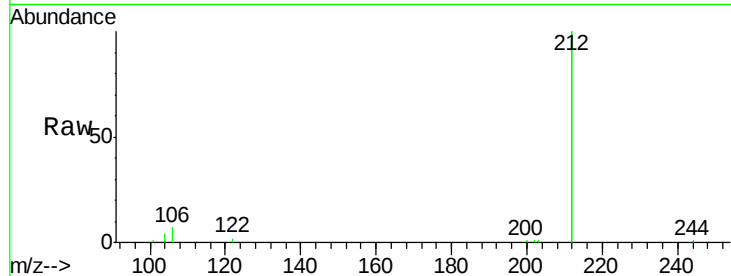




#25
 Fluoranthene-d10
 Concen: 0.217 ng
 RT: 19.28 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BE093969.D
 Acq: 11 Sep 2017 18:58

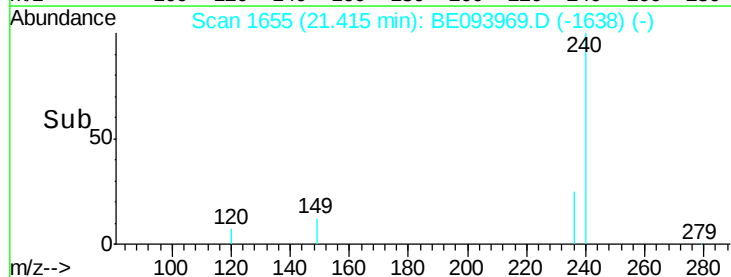
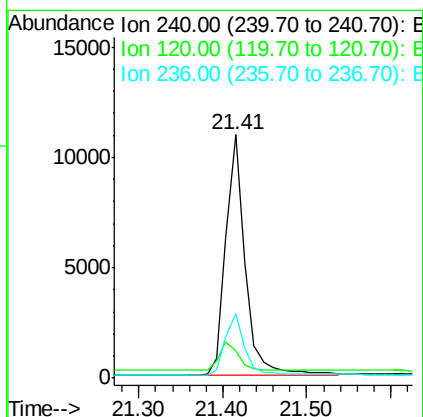
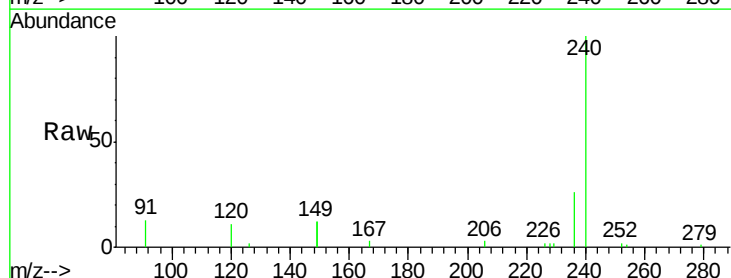
Instrument :
 BNA_E
 ClientSampleId :
 CPS113061

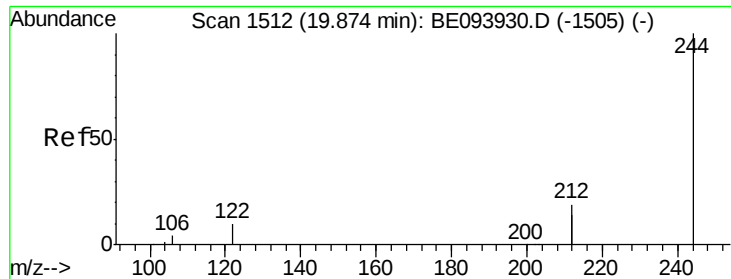
Tgt Ion:212 Resp: 59268
 Ion Ratio Lower Upper
 212 100
 106 3.5 2.7 4.1
 104 2.0 1.6 2.4



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.41 min Scan# 1655
 Delta R.T. -0.01 min
 Lab File: BE093969.D
 Acq: 11 Sep 2017 18:58

Tgt Ion:240 Resp: 17331
 Ion Ratio Lower Upper
 240 100
 120 11.1 8.7 13.1
 236 26.3 21.3 31.9





#29

Terphenyl-d14

Concen: 0.500 ng

RT: 19.86 min Scan# 1511

Delta R.T. -0.01 min

Lab File: BE093969.D

Acq: 11 Sep 2017 18:58

Instrument :

BNA_E

ClientSampleId :

CPS113061

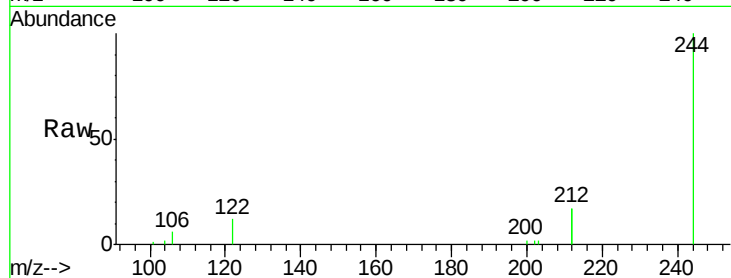
Tgt Ion:244 Resp: 15954

Ion Ratio Lower Upper

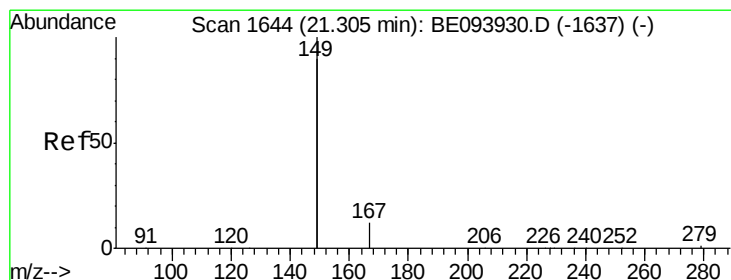
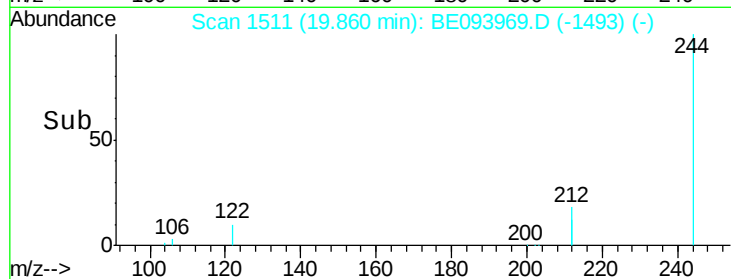
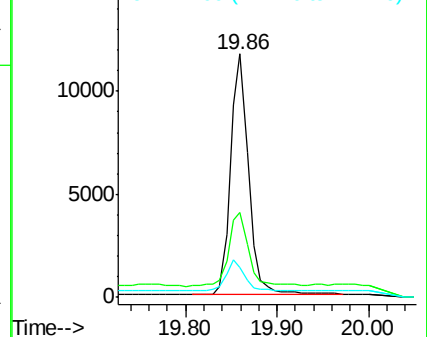
244 100

212 34.8 28.3 42.5

122 12.5 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: 2.151 ng

RT: 21.29 min Scan# 1644

Delta R.T. -0.01 min

Lab File: BE093969.D

Acq: 11 Sep 2017 18:58

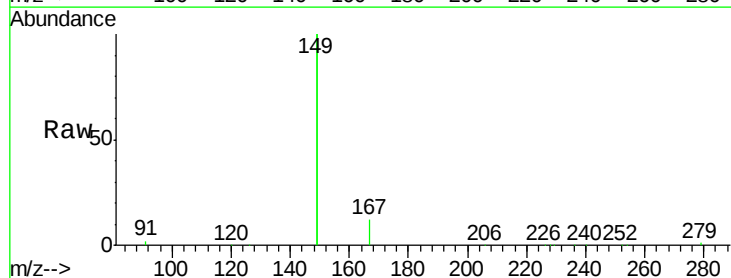
Tgt Ion:149 Resp: 278004

Ion Ratio Lower Upper

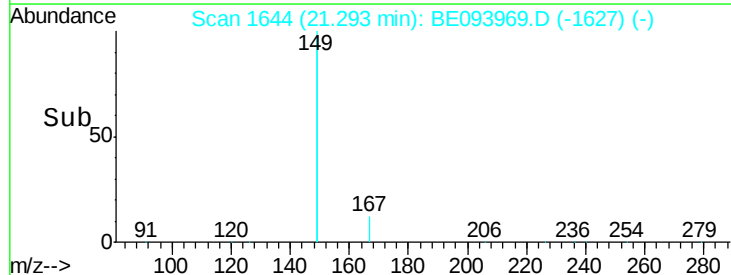
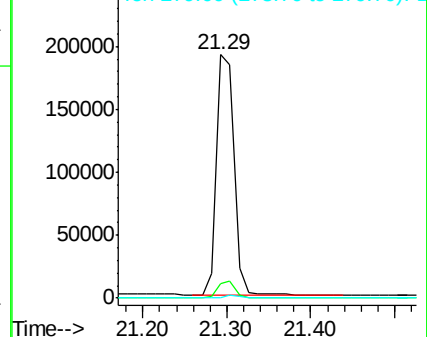
149 100

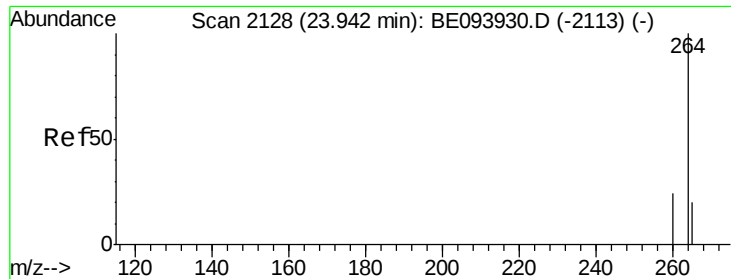
167 6.7 5.4 8.0

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
Perylene-d12
Concen: 0.400 ng
RT: 23.93 min Scan# 2126
Delta R.T. -0.01 min
Lab File: BE093969.D
Acq: 11 Sep 2017 18:58

Instrument :
BNA_E
ClientSampleId :
CPS113061

Tgt Ion: 264 Resp: 14438
Ion Ratio Lower Upper
264 100
260 25.3 20.0 30.0
265 31.6 24.0 36.0

