

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE091517\
 Data File : BE094017.D
 Acq On : 15 Sep 2017 16:14
 Operator : SJ/JU
 Sample : I5196-01DL 25X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 CPS093061DL

Quant Time: Sep 18 14:23:37 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

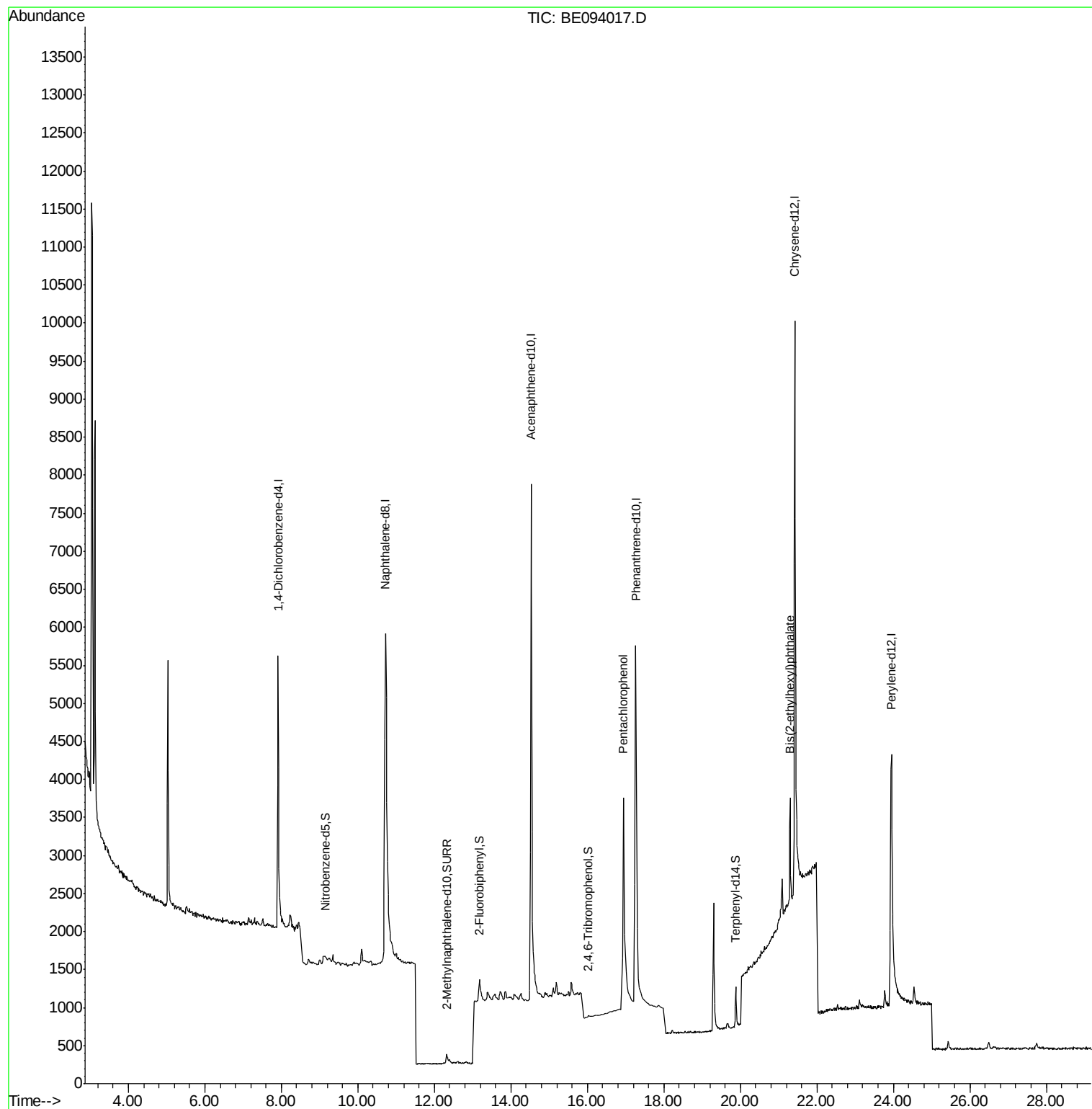
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	2074	0.40	ng	0.00
7) Naphthalene-d8	10.72	136	9847	0.40	ng	0.02
13) Acenaphthene-d10	14.53	164	5926	0.40	ng	0.00
19) Phenanthrene-d10	17.27	188	12349	0.40	ng	0.00
27) Chrysene-d12	21.43	240	11869	0.40	ng	0.00
34) Perylene-d12	23.94	264	8572	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.53	112	64	0.01	ng	0.00
5) Phenol-d6	7.12	99	45	0.00	ng	0.00
8) Nitrobenzene-d5	9.14	82	169	0.02	ng	0.07
11) 2-Methylnaphthalene-d10	12.33	152	328	0.02	ng	0.03
14) 2,4,6-Tribromophenol	16.03	330	43	0.02	ng	0.00
15) 2-Fluorobiphenyl	13.18	172	517	0.02	ng	0.02
25) Fluoranthene-d10	19.30	212	3530	0.02	ng	0.01
29) Terphenyl-d14	19.88	244	738	0.03	ng	0.00
Target Compounds						
20) 4-Bromophenyl-phenylether	16.45	248	12	Below Cal	#	33
22) Pentachlorophenol	16.94	266	4440	2.267 ng		93
23) Phenanthrene	17.30	178	172	Below Cal	#	63
32) Bis(2-ethylhexyl)phthalate	21.30	149	2162	0.024 ng	#	97

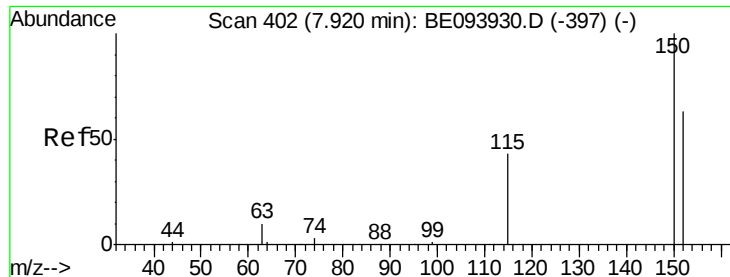
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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



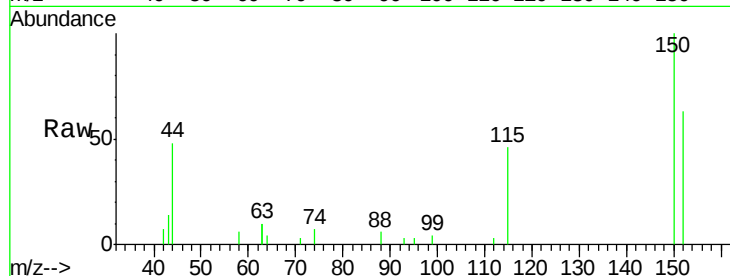


#1

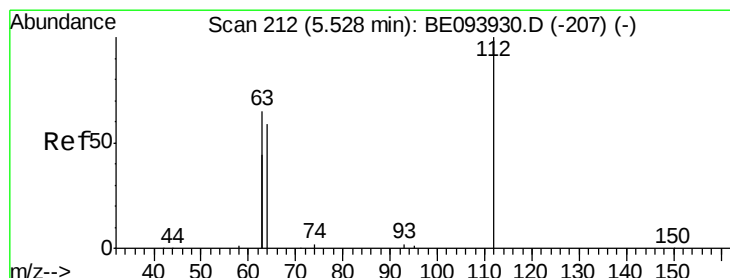
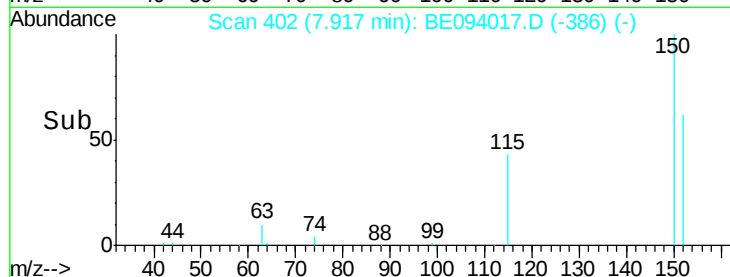
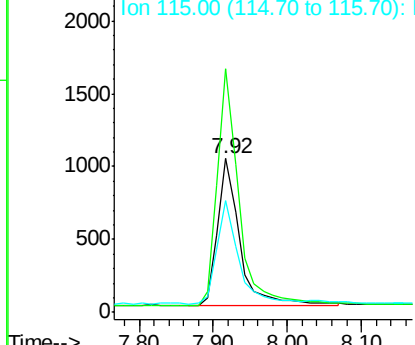
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.92 min Scan# 402
Delta R.T. -0.00 min
Lab File: BE094017.D
Acq: 15 Sep 2017 16:14

Instrument :
BNA_E
ClientSampleId :
CPS093061DL

Tgt Ion:152 Resp: 2074
Ion Ratio Lower Upper
152 100
150 158.7 121.8 182.6
115 72.6 52.6 79.0



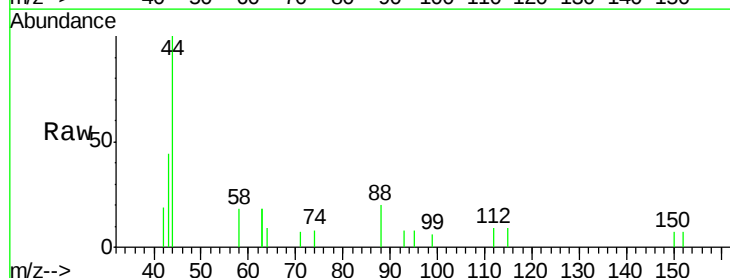
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



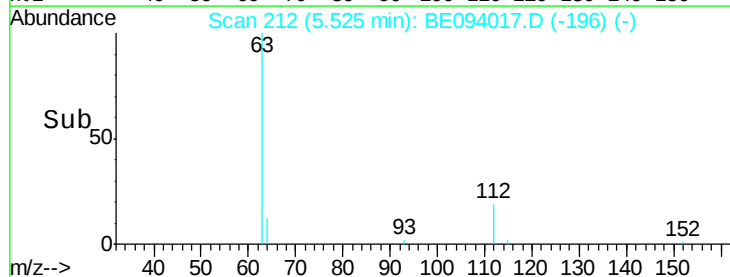
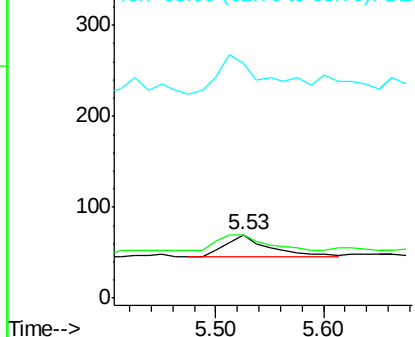
#4

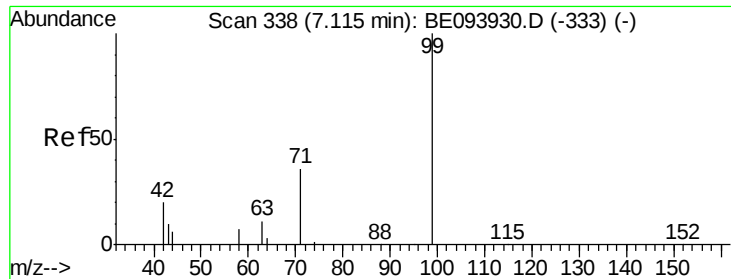
2-Fluorophenol
Concen: 0.010 ng
RT: 5.53 min Scan# 212
Delta R.T. -0.00 min
Lab File: BE094017.D
Acq: 15 Sep 2017 16:14

Tgt Ion:112 Resp: 64
Ion Ratio Lower Upper
112 100
64 89.1 57.7 86.5#
63 175.0 116.0 174.0#



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: 0.004 ng

RT: 7.12 min Scan# 339

Delta R.T. 0.01 min

Lab File: BE094017.D

Acq: 15 Sep 2017 16:14

Instrument :

BNA_E

ClientSampleId :

CPS093061DL

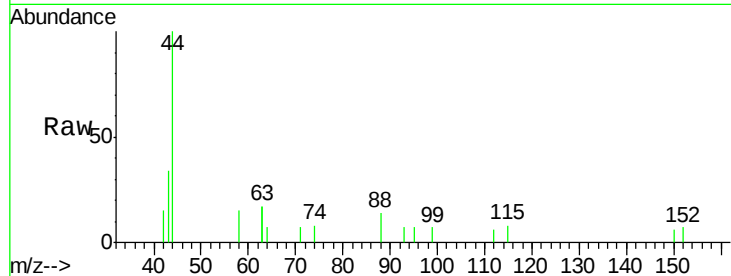
Tgt Ion: 99 Resp: 45

Ion Ratio Lower Upper

99 100

42 13.3 17.1 25.7#

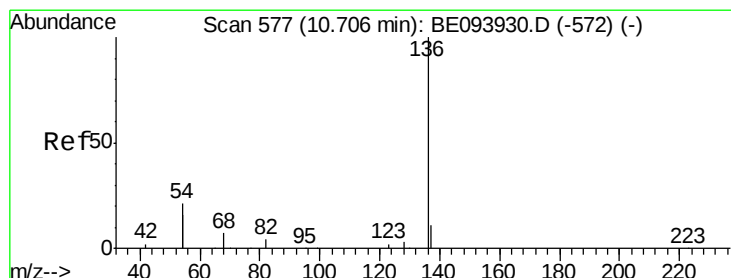
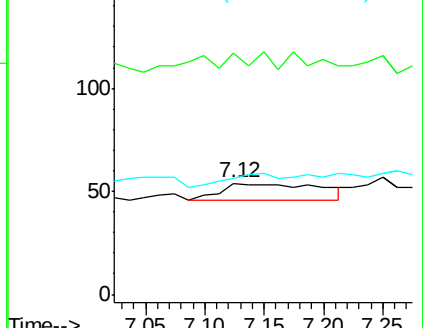
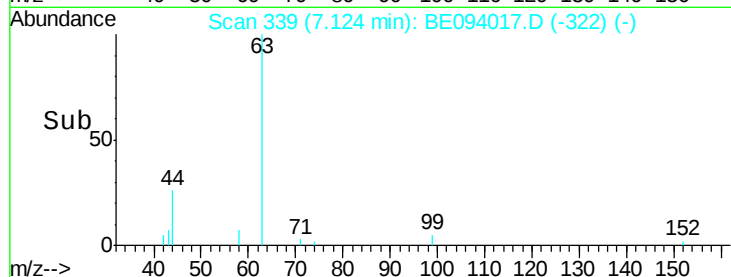
71 0.0 26.6 39.8#



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: 10.72 min Scan# 578

Delta R.T. 0.02 min

Lab File: BE094017.D

Acq: 15 Sep 2017 16:14

Tgt Ion: 136 Resp: 9847

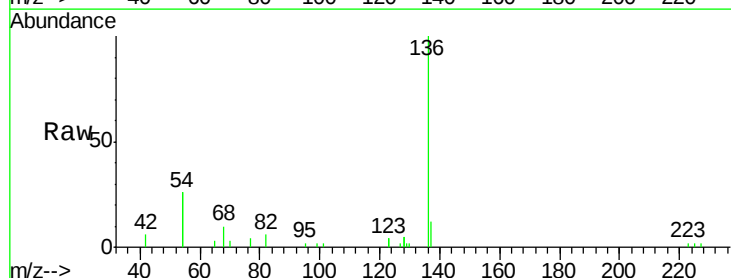
Ion Ratio Lower Upper

136 100

137 12.4 9.2 13.8

54 52.4 21.9 32.9#

68 10.5 4.6 7.0#

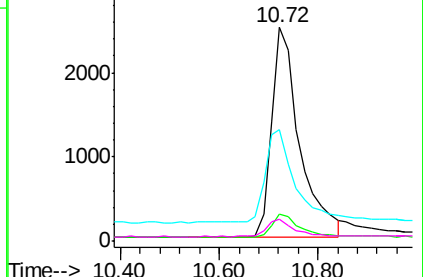
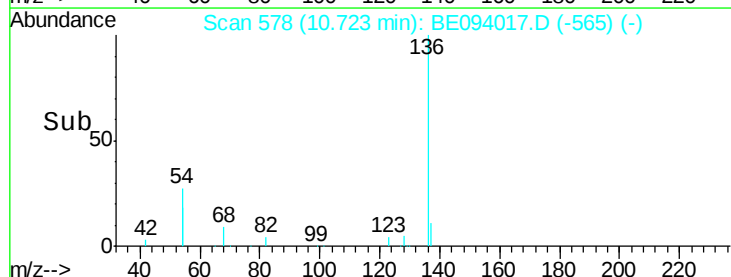


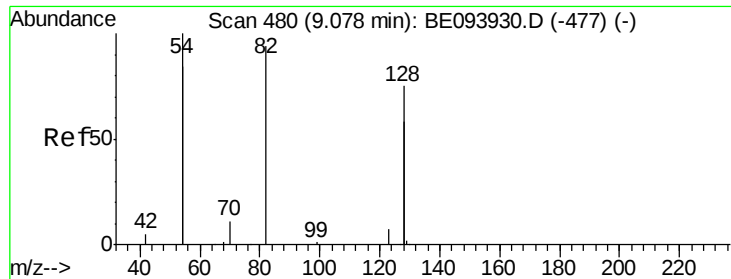
Abundance Ion 136.00 (135.70 to 136.70): E

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

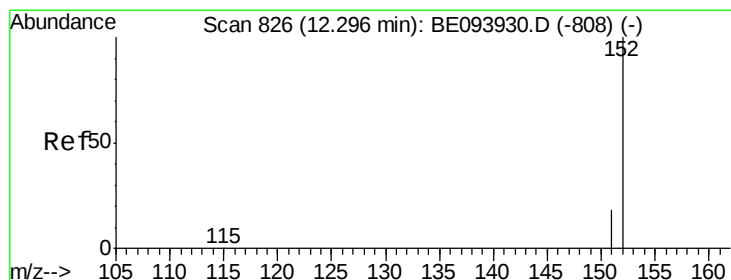
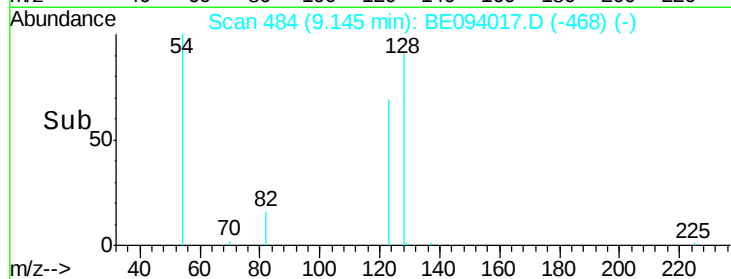
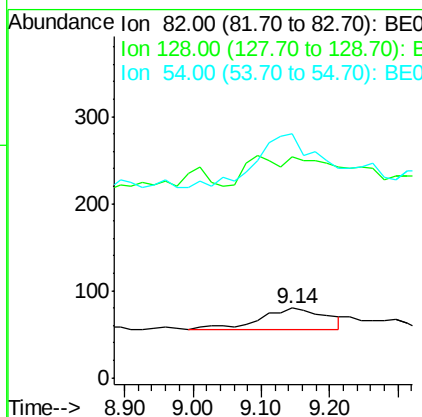
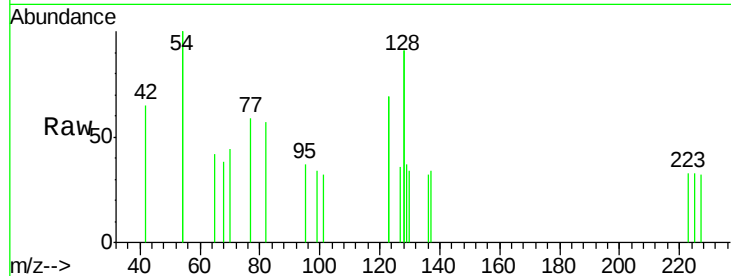




#8
 Nitrobenzene-d5
 Concen: 0.020 ng
 RT: 9.14 min Scan# 484
 Delta R.T. 0.07 min
 Lab File: BE094017.D
 Acq: 15 Sep 2017 16:14

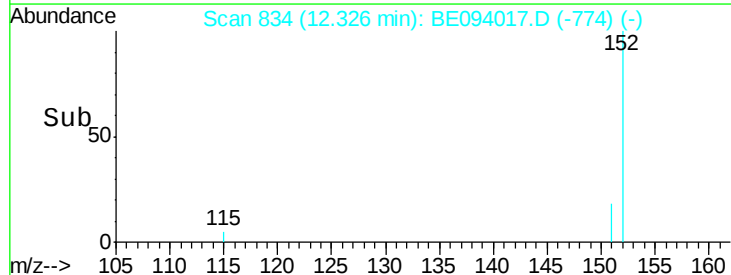
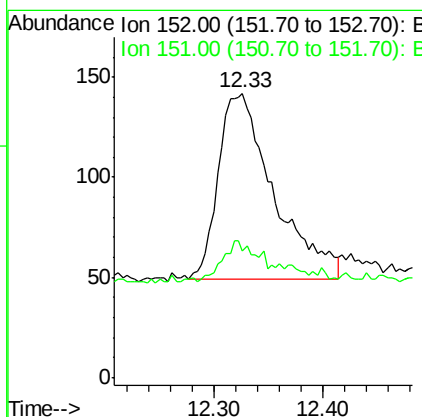
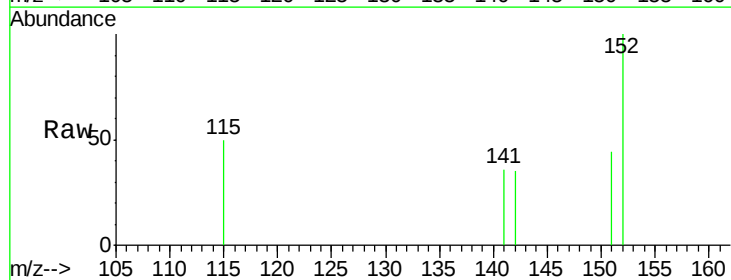
Instrument :
 BNA_E
 ClientSampleId :
 CPS093061DL

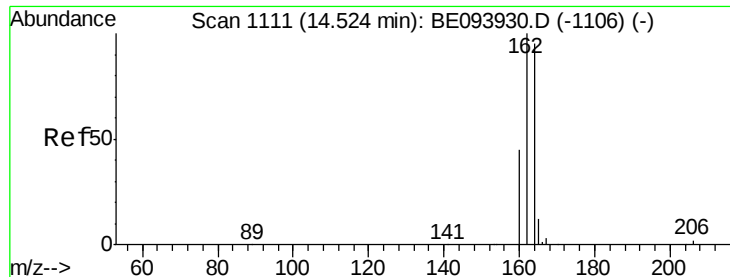
Tgt Ion: 82 Resp: 169
 Ion Ratio Lower Upper
 82 100
 128 317.5 91.4 137.0#
 54 350.0 197.8 296.8#



#11
 2-Methylnaphthalene-d10
 Concen: 0.021 ng
 RT: 12.33 min Scan# 834
 Delta R.T. 0.03 min
 Lab File: BE094017.D
 Acq: 15 Sep 2017 16:14

Tgt Ion: 152 Resp: 328
 Ion Ratio Lower Upper
 152 100
 151 14.3 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: BE094017.D

Acq: 15 Sep 2017 16:14

Instrument :

BNA_E

ClientSampleId :

CPS093061DL

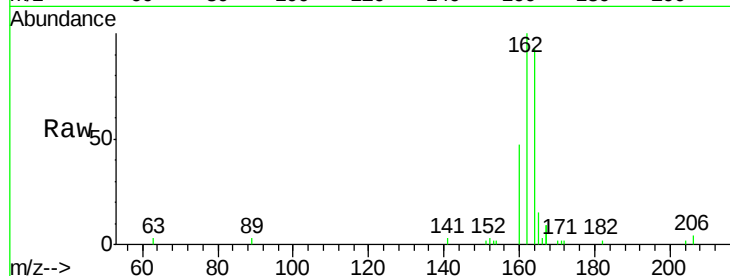
Tgt Ion:164 Resp: 5926

Ion Ratio Lower Upper

164 100

162 107.5 80.8 121.2

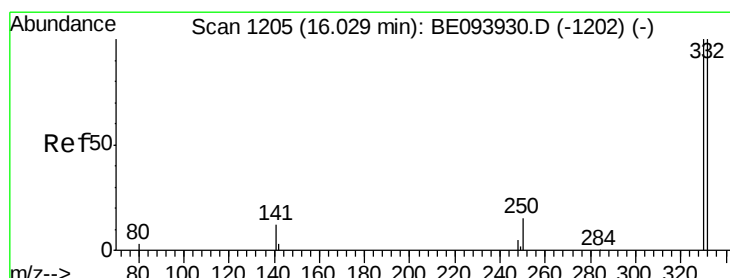
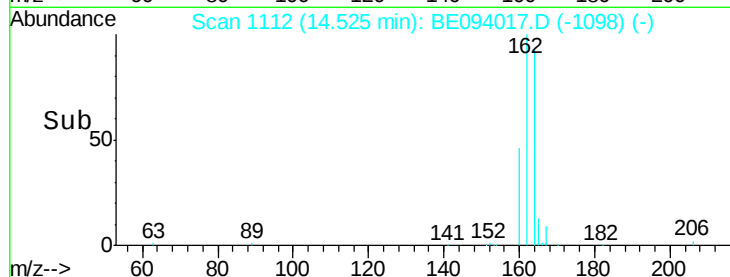
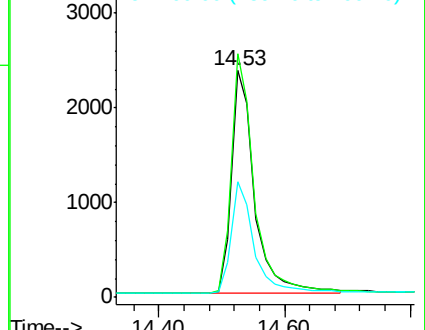
160 50.9 37.0 55.4



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: 0.023 ng

RT: 16.03 min Scan# 1206

Delta R.T. 0.00 min

Lab File: BE094017.D

Acq: 15 Sep 2017 16:14

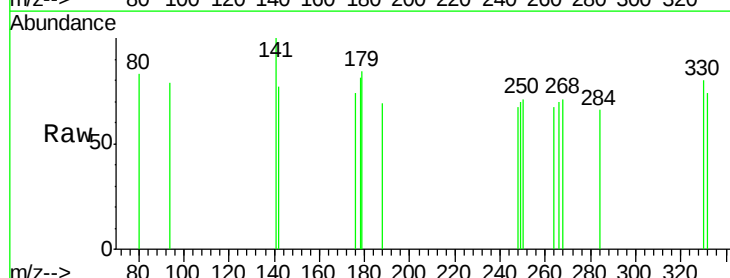
Tgt Ion:330 Resp: 43

Ion Ratio Lower Upper

330 100

332 67.4 76.9 115.3#

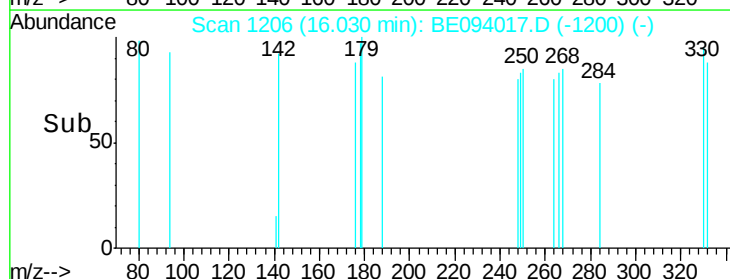
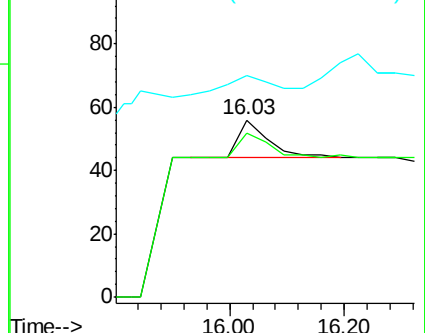
141 100.0 0.0 0.0#

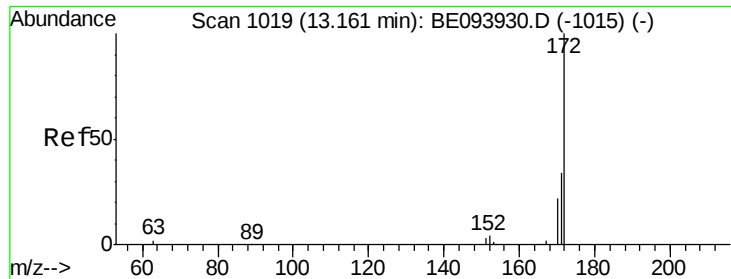


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

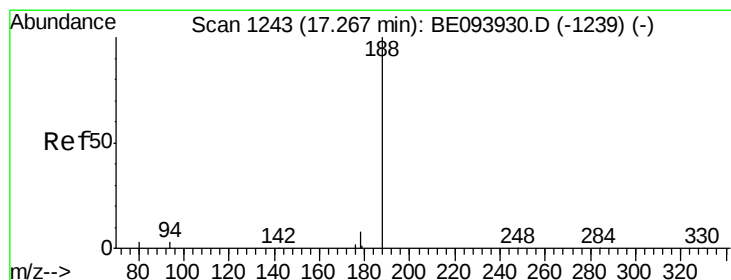
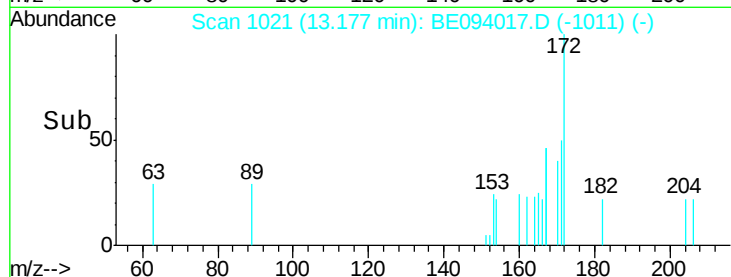
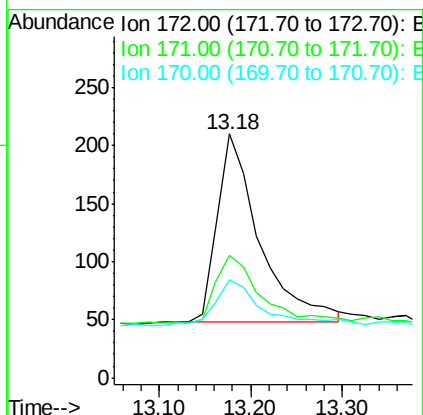
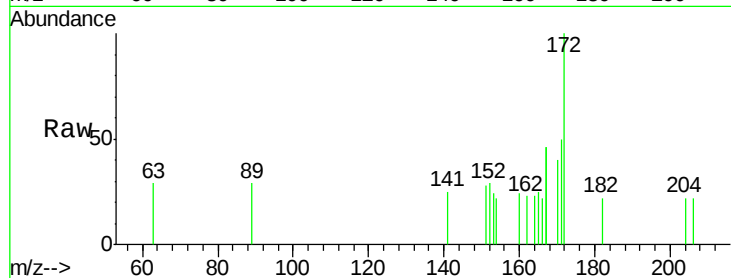




#15
2-Fluorobiphenyl
Concen: 0.022 ng
RT: 13.18 min Scan# 1021
Delta R.T. 0.02 min
Lab File: BE094017.D
Acq: 15 Sep 2017 16:14

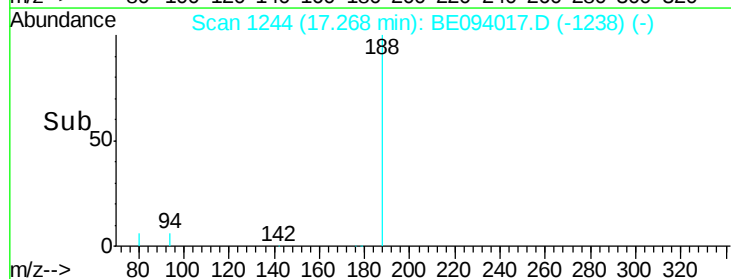
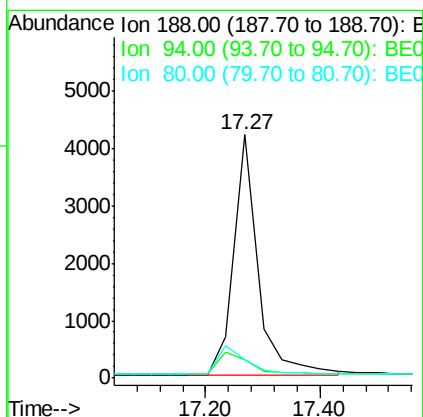
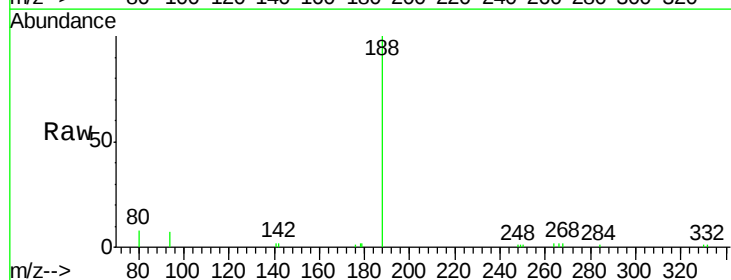
Instrument :
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ClientSampleId :
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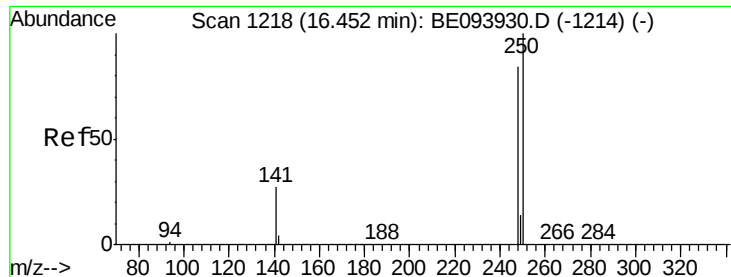
Tgt Ion:172 Resp: 517
Ion Ratio Lower Upper
172 100
171 50.0 26.9 40.3#
170 40.5 17.3 25.9#



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.27 min Scan# 1244
Delta R.T. 0.00 min
Lab File: BE094017.D
Acq: 15 Sep 2017 16:14

Tgt Ion:188 Resp: 12349
Ion Ratio Lower Upper
188 100
94 7.3 16.1 24.1#
80 7.8 18.2 27.2#

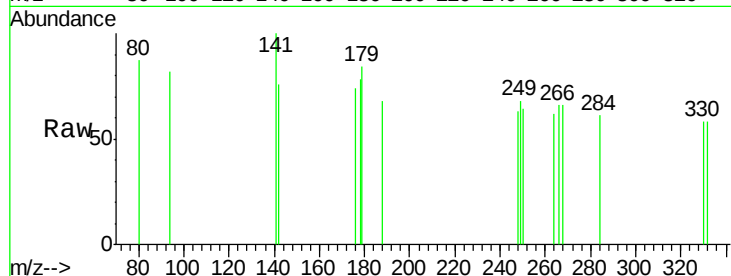




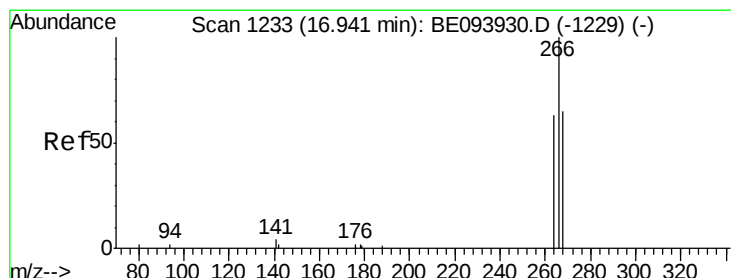
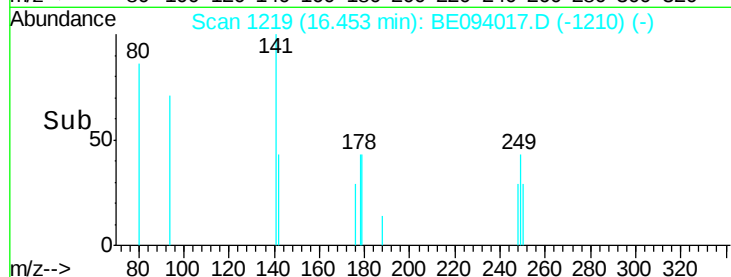
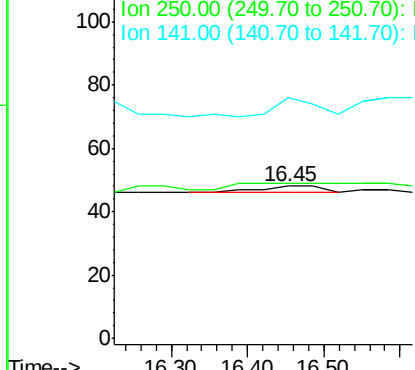
#20
4-Bromophenyl-phenylether
Concen: Below Cal
RT: 16.45 min Scan# 1219
Delta R.T. 0.00 min
Lab File: BE094017.D
Acq: 15 Sep 2017 16:14

Instrument :
BNA_E
ClientSampleId :
CPS093061DL

Tgt Ion:248 Resp: 12
Ion Ratio Lower Upper
248 100
250 102.1 111.8 167.8#
141 158.3 27.1 40.7#

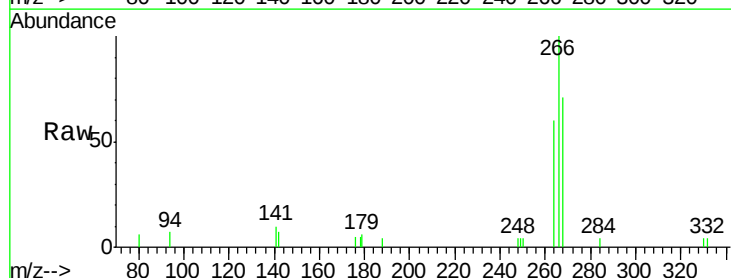


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

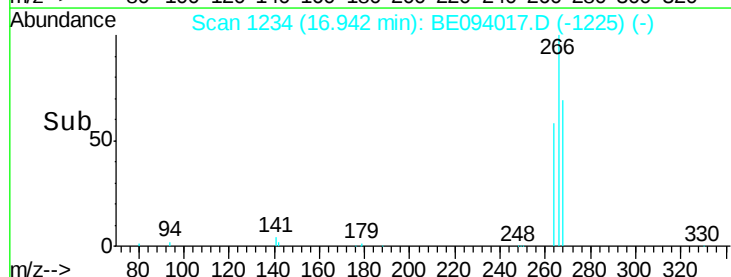
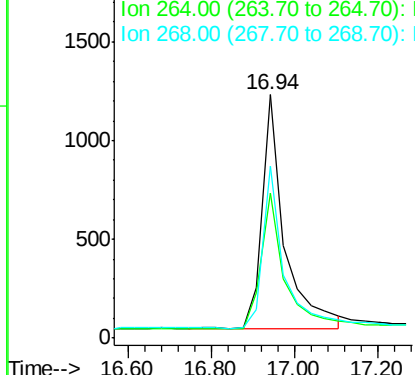


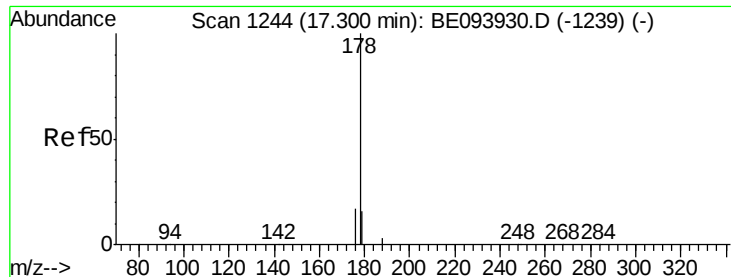
#22
Pentachlorophenol
Concen: 2.267 ng
RT: 16.94 min Scan# 1234
Delta R.T. 0.00 min
Lab File: BE094017.D
Acq: 15 Sep 2017 16:14

Tgt Ion:266 Resp: 4440
Ion Ratio Lower Upper
266 100
264 59.8 53.5 80.3
268 70.6 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





#23

Phenanthrene

Concen: Below Cal

RT: 17.30 min Scan# 1245

Delta R.T. 0.00 min

Lab File: BE094017.D

Acq: 15 Sep 2017 16:14

Instrument :

BNA_E

ClientSampleId :

CPS093061DL

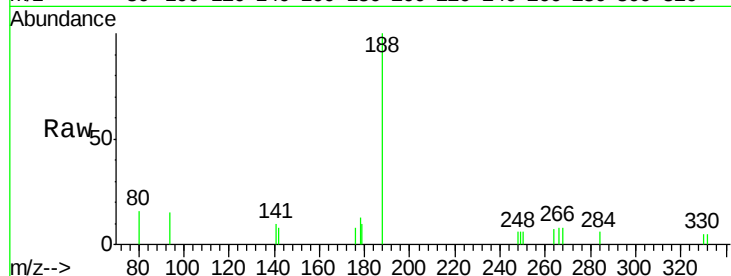
Tgt Ion:178 Resp: 172

Ion Ratio Lower Upper

178 100

176 15.7 0.0 0.0#

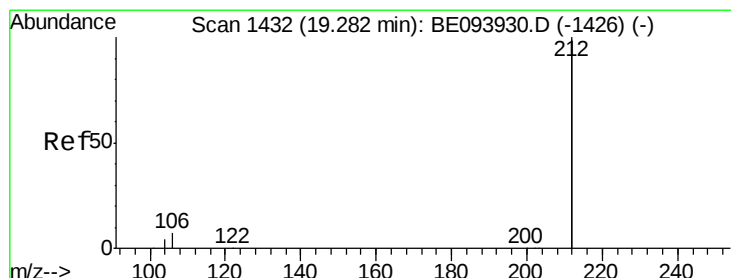
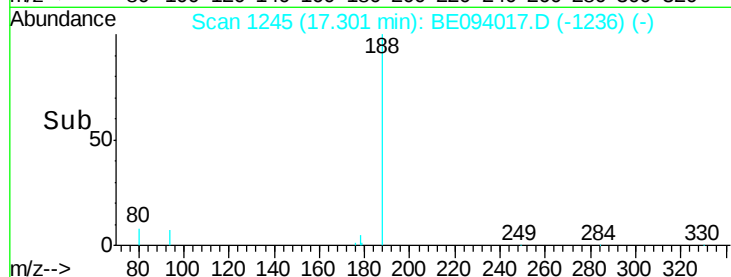
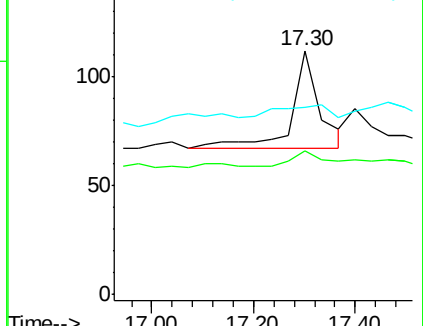
179 0.0 12.6 18.8#



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: 0.019 ng

RT: 19.30 min Scan# 1435

Delta R.T. 0.01 min

Lab File: BE094017.D

Acq: 15 Sep 2017 16:14

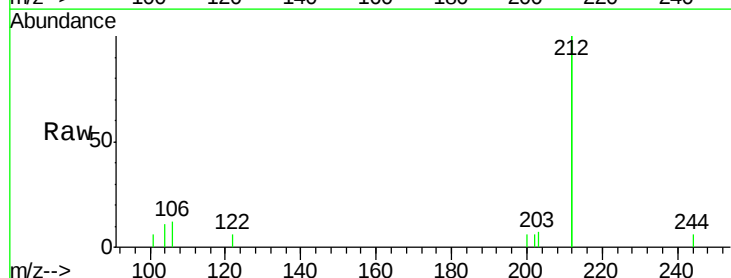
Tgt Ion:212 Resp: 3530

Ion Ratio Lower Upper

212 100

106 4.2 2.7 4.1#

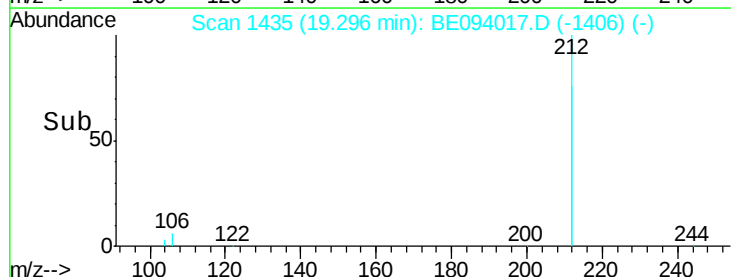
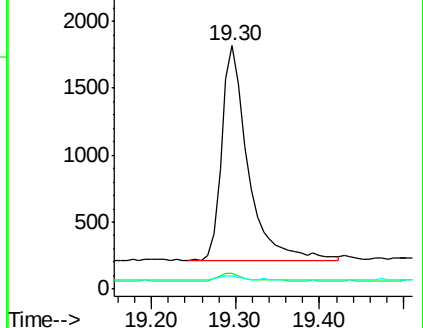
104 2.0 1.6 2.4

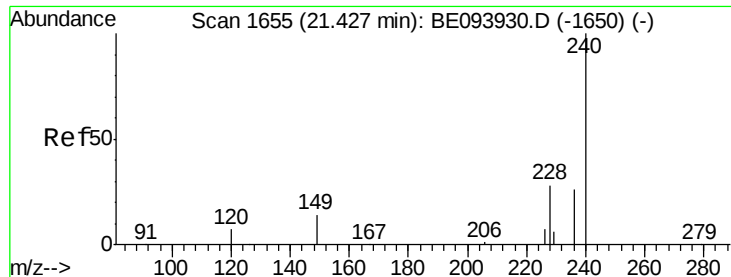


Abundance Ion 212.00 (211.70 to 212.70): E

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: BE094017.D

Acq: 15 Sep 2017 16:14

Instrument :

BNA_E

ClientSampleId :

CPS093061DL

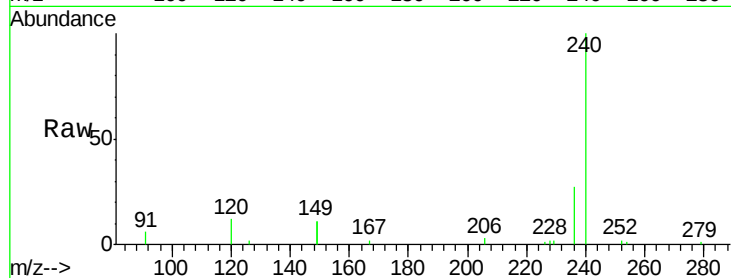
Tgt Ion:240 Resp: 11869

Ion Ratio Lower Upper

240 100

120 12.4 8.7 13.1

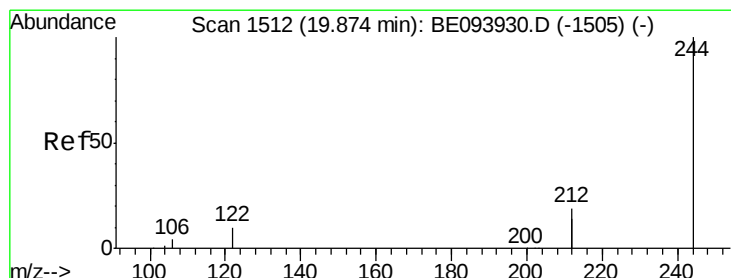
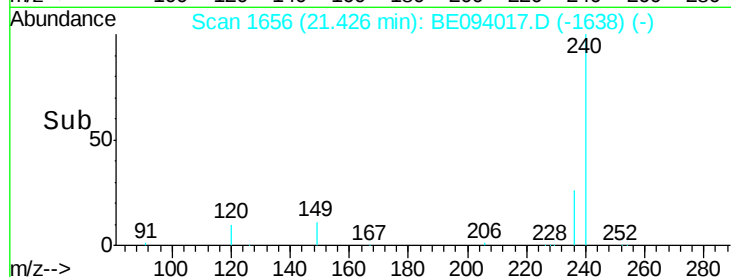
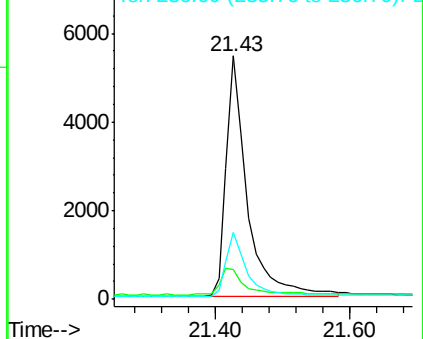
236 27.5 21.3 31.9



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: 0.034 ng

RT: 19.88 min Scan# 1514

Delta R.T. 0.01 min

Lab File: BE094017.D

Acq: 15 Sep 2017 16:14

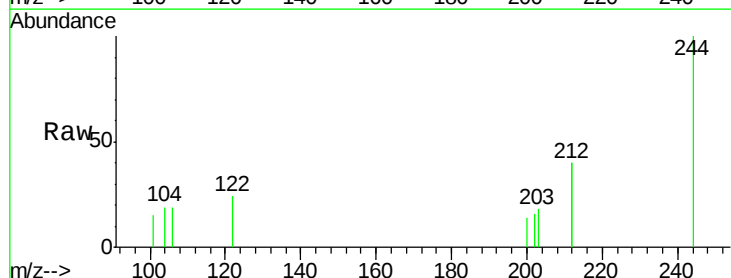
Tgt Ion:244 Resp: 738

Ion Ratio Lower Upper

244 100

212 79.6 28.3 42.5#

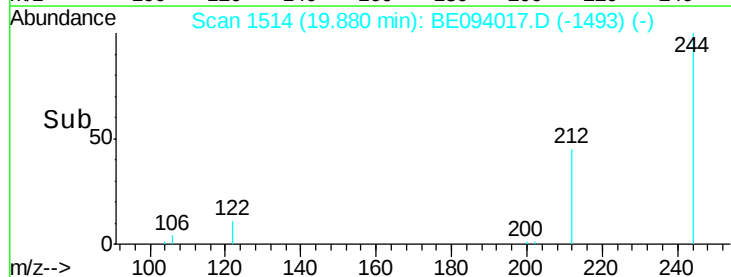
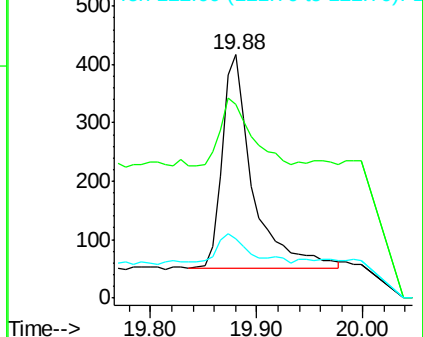
122 24.2 9.4 14.0#

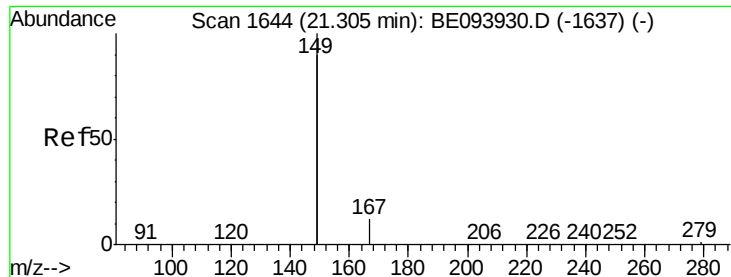


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

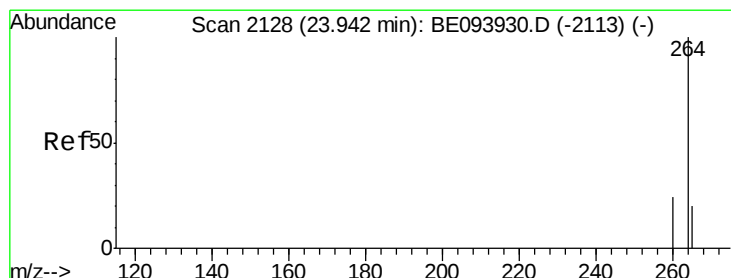
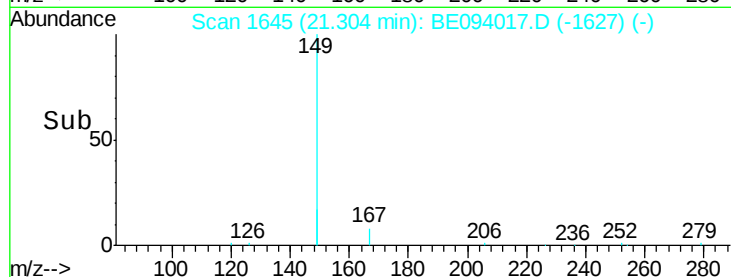
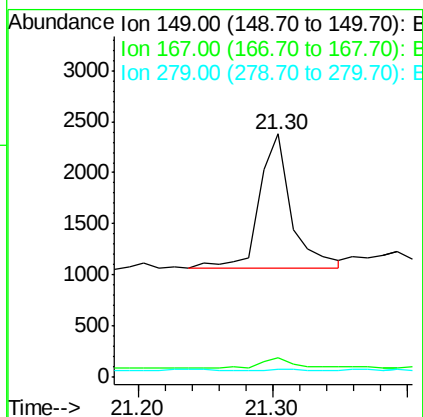
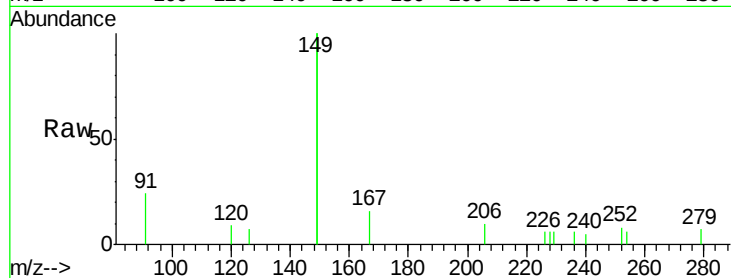




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.024 ng
 RT: 21.30 min Scan# 1645
 Delta R.T. -0.00 min
 Lab File: BE094017.D
 Acq: 15 Sep 2017 16:14

Instrument :
 BNA_E
 ClientSampleId :
 CPS093061DL

Tgt Ion:149 Resp: 2162
 Ion Ratio Lower Upper
 149 100
 167 8.0 5.4 8.0
 279 1.3 0.7 1.1#



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.94 min Scan# 2128
 Delta R.T. -0.00 min
 Lab File: BE094017.D
 Acq: 15 Sep 2017 16:14

Tgt Ion:264 Resp: 8572
 Ion Ratio Lower Upper
 264 100
 260 25.9 20.0 30.0
 265 38.6 24.0 36.0#

