

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE091117\
 Data File : BE093964.D
 Acq On : 11 Sep 2017 15:53
 Operator : SJ/JU
 Sample : I5167-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 CPS073061

Quant Time: Sep 12 07:42:14 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

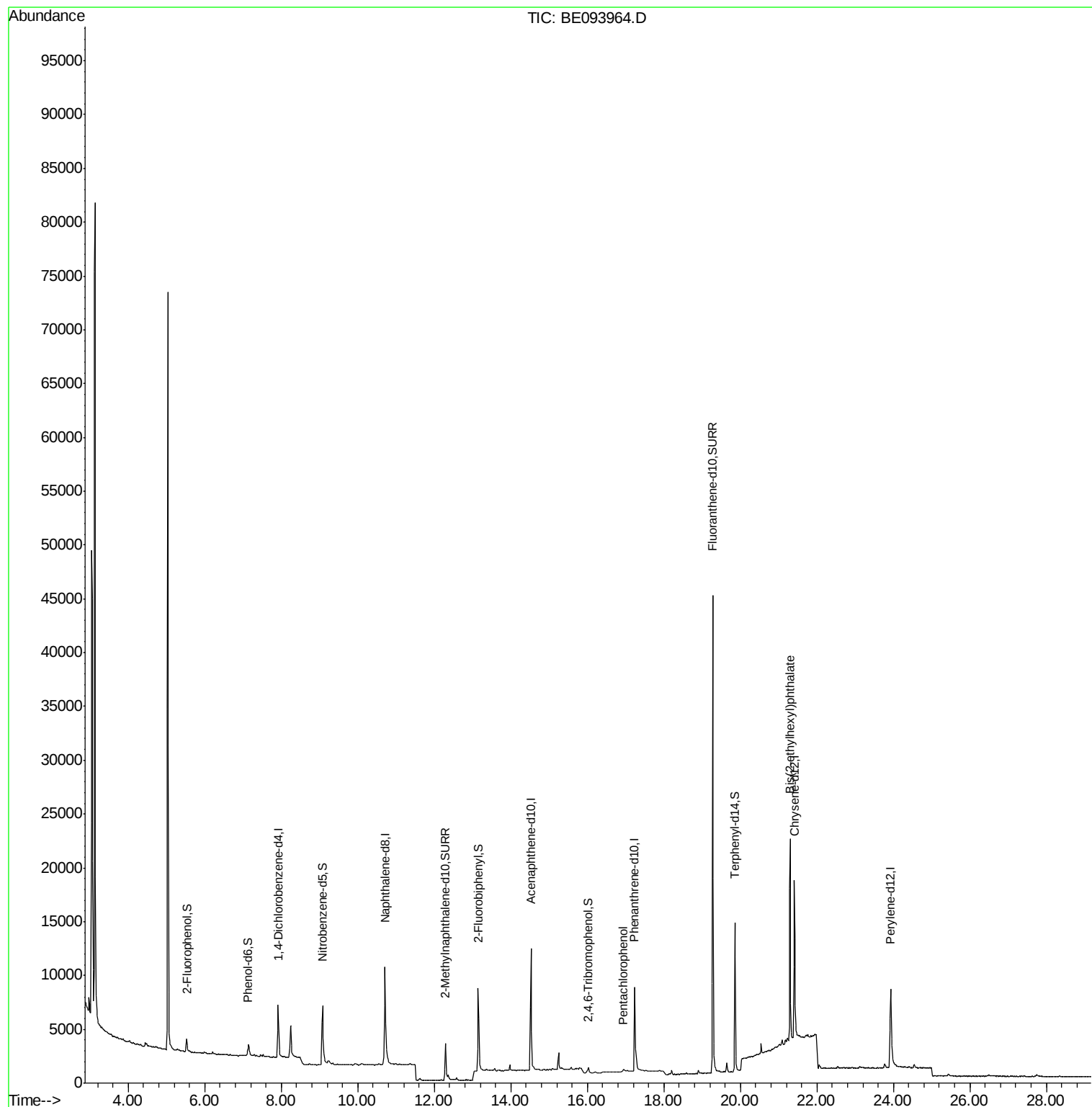
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	2514	0.40	ng	0.00
7) Naphthalene-d8	10.71	136	12584	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	7457	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	15245	0.40	ng	-0.03
27) Chrysene-d12	21.42	240	18431	0.40	ng	-0.01
34) Perylene-d12	23.93	264	14768	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.53	112	937	0.12	ng	0.00
5) Phenol-d6	7.12	99	777	0.06	ng	0.01
8) Nitrobenzene-d5	9.08	82	3163	0.30	ng	0.00
11) 2-Methylnaphthalene-d10	12.29	152	6139	0.30	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	602	0.26	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	8790	0.30	ng	-0.01
25) Fluoranthene-d10	19.28	212	63705	0.28	ng	0.00
29) Terphenyl-d14	19.86	244	13394	0.39	ng	-0.01
Target Compounds						
20) 4-Bromophenyl-phenylether	16.32	248	16	Below Cal	#	32
22) Pentachlorophenol	16.94	266	323	0.134	ng	91
23) Phenanthrene	17.30	178	704	Below Cal	#	86
32) Bis(2-ethylhexyl)phthalate	21.30	149	25147	0.183	ng	99

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

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QLast Update : Tue Sep 05 13:34:56 2017
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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: BE093964.D

Acq: 11 Sep 2017 15:53

Instrument :

BNA_E

ClientSampleId :

CPS073061

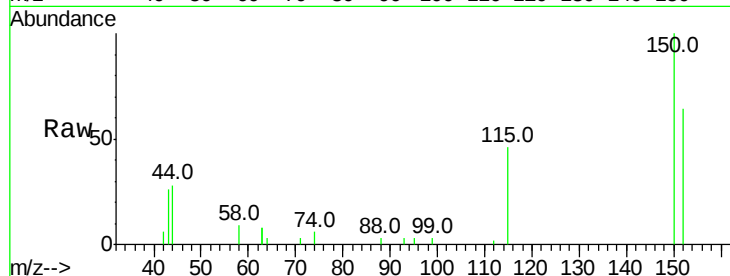
Tot Ion:152 Resp: 2514

Ion Ratio Lower Upper

152 100

150 156.8 121.8 182.6

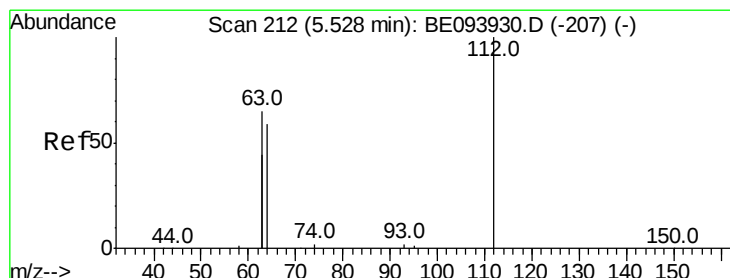
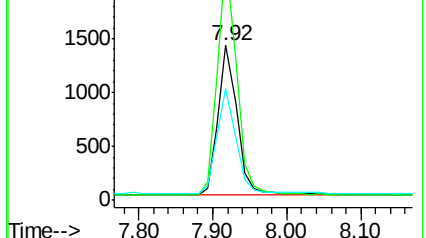
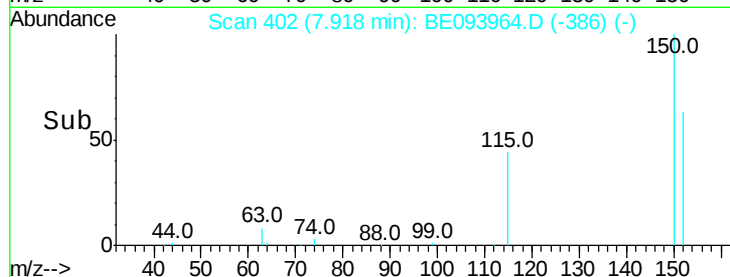
115 72.2 52.6 79.0



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: 0.115 ng

RT: 5.53 min Scan# 212

Delta R.T. -0.00 min

Lab File: BE093964.D

Acq: 11 Sep 2017 15:53

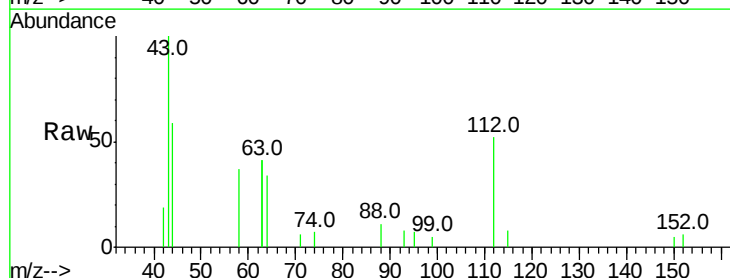
Tgt Ion:112 Resp: 937

Ion Ratio Lower Upper

112 100

64 71.5 57.7 86.5

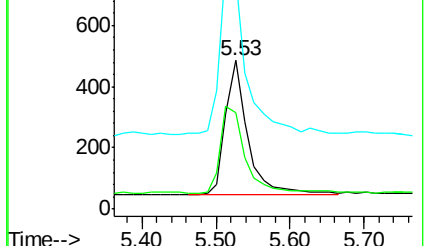
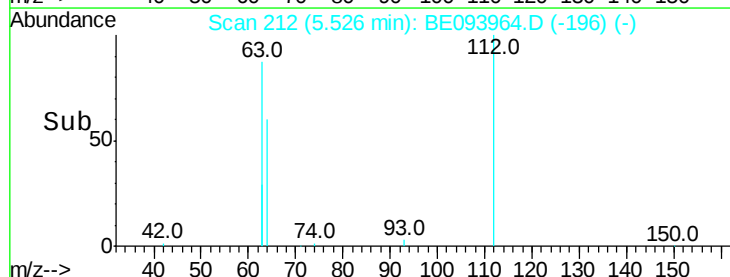
63 145.7 116.0 174.0

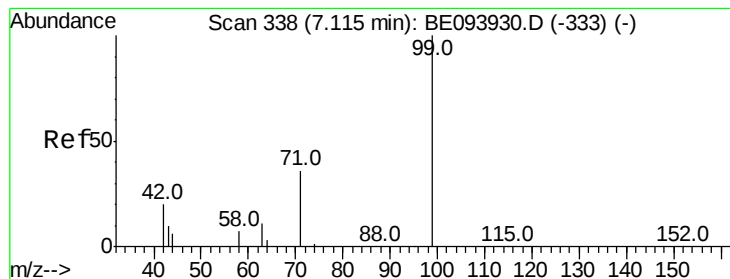


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.064 ng

RT: 7.12 min Scan# 339

Delta R.T. 0.01 min

Lab File: BE093964.D

Acq: 11 Sep 2017 15:53

Instrument :

BNA_E

ClientSampleId :

CPS073061

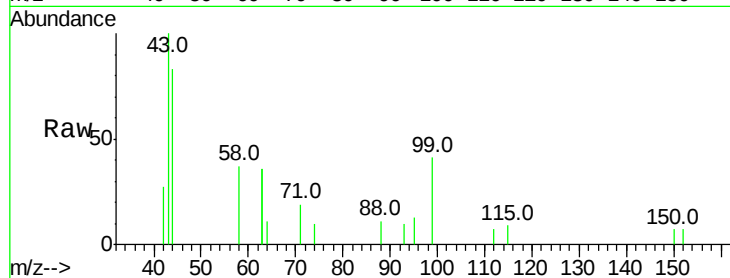
Tot Ion: 99 Resp: 777

Ion Ratio Lower Upper

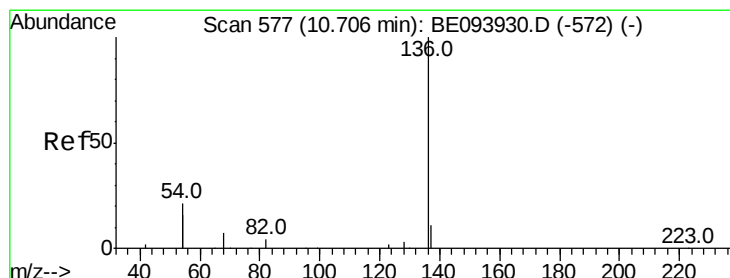
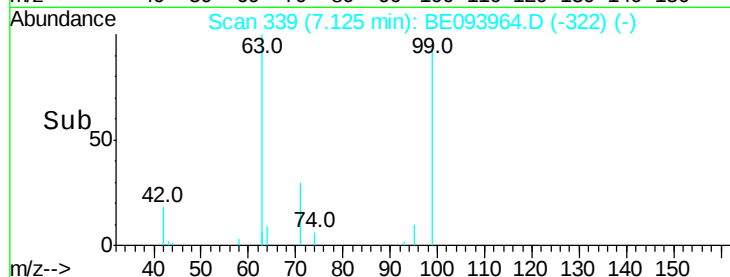
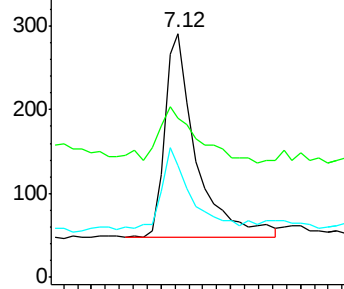
99 100

42 35.4 17.1 25.7#

71 36.3 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: BE093964.D

Acq: 11 Sep 2017 15:53

Tgt Ion: 136 Resp: 12584

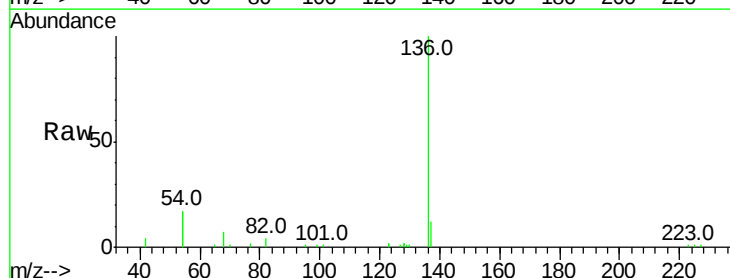
Ion Ratio Lower Upper

136 100

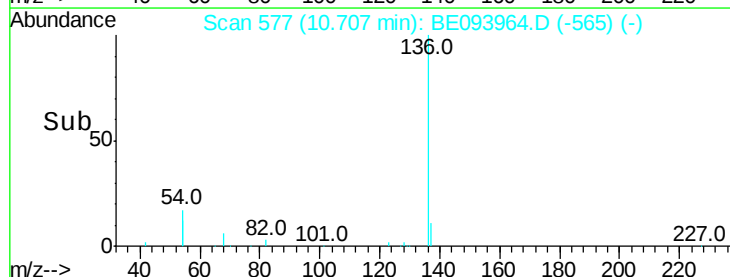
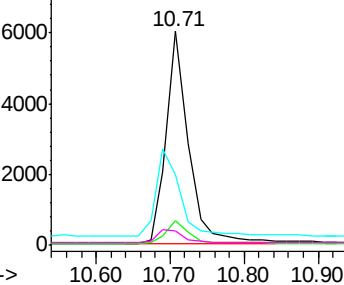
137 11.7 9.2 13.8

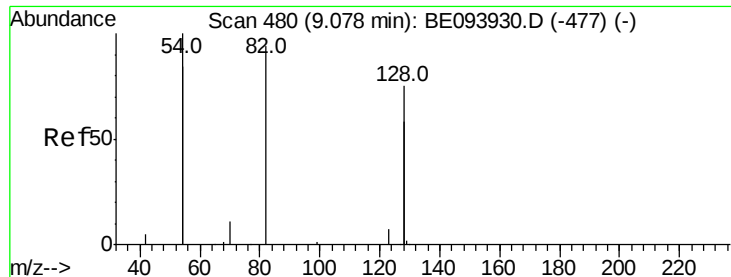
54 33.0 21.9 32.9#

68 6.8 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: 0.297 ng

RT: 9.08 min Scan# 480

Delta R.T. 0.00 min

Lab File: BE093964.D

Acq: 11 Sep 2017 15:53

Instrument :

BNA_E

ClientSampleId :

CPS073061

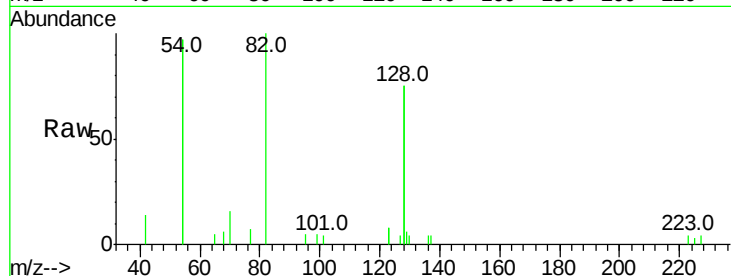
Tot Ion: 82 Resp: 3163

Ion Ratio Lower Upper

82 100

128 150.7 91.4 137.0#

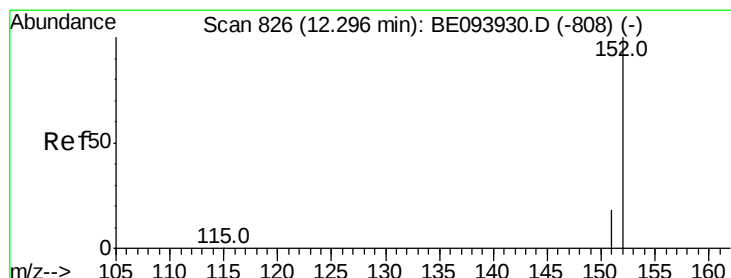
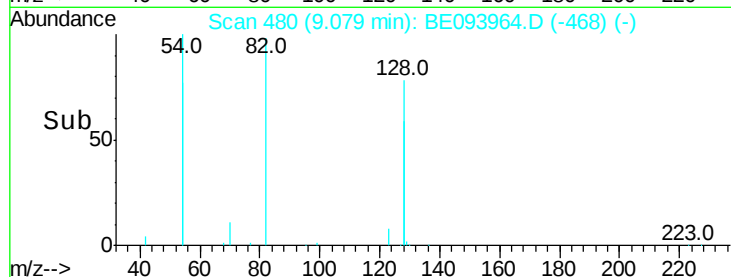
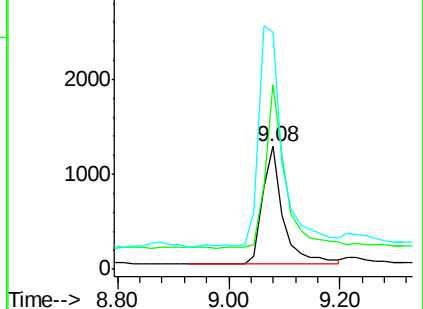
54 193.4 197.8 296.8#



Abundance Ion 82.00 (81.70 to 82.70): BE093930.D (-477) (-)

Ion 128.00 (127.70 to 128.70): BE093930.D (-477) (-)

Ion 54.00 (53.70 to 54.70): BE093930.D (-477) (-)



#11

2-Methylnaphthalene-d10

Concen: 0.305 ng

RT: 12.29 min Scan# 824

Delta R.T. -0.01 min

Lab File: BE093964.D

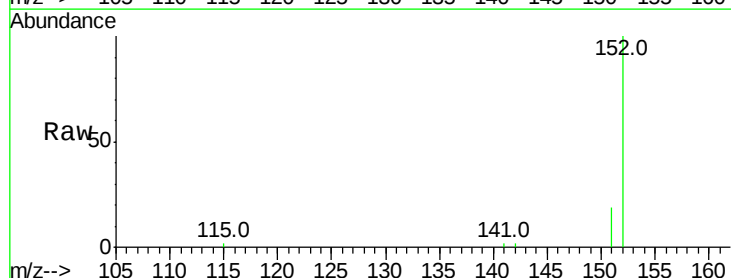
Acq: 11 Sep 2017 15:53

Tgt Ion: 152 Resp: 6139

Ion Ratio Lower Upper

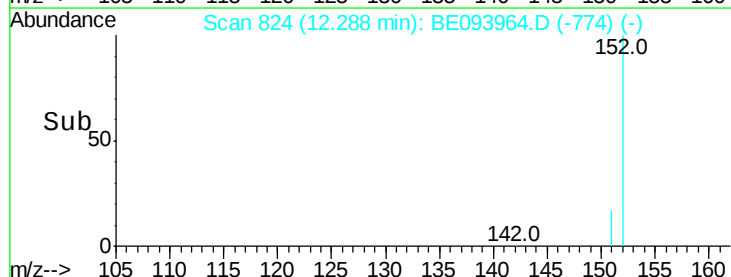
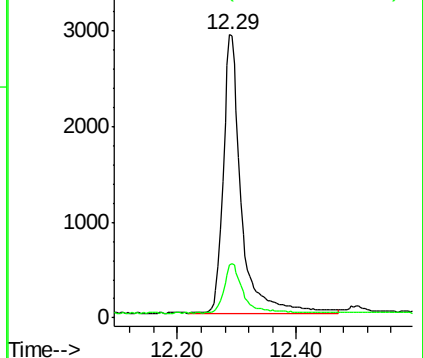
152 100

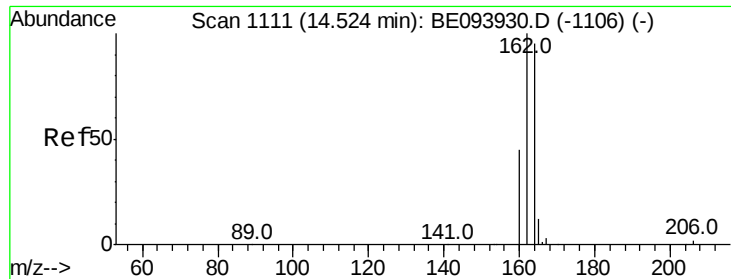
151 18.6 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): BE093930.D (-808) (-)

Ion 151.00 (150.70 to 151.70): BE093930.D (-808) (-)





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.53 min Scan# 1112

Delta R.T. 0.00 min

Lab File: BE093964.D

Acq: 11 Sep 2017 15:53

Instrument :

BNA_E

ClientSampleId :

CPS073061

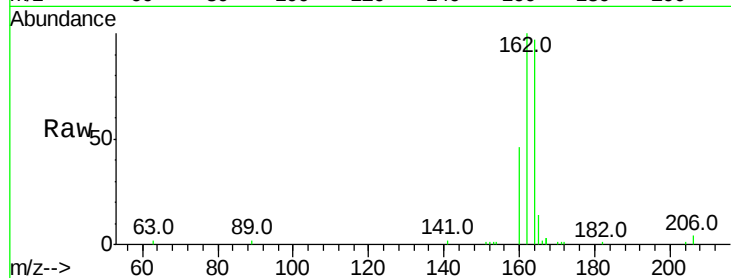
Tot Ion:164 Resp: 7457

Ion Ratio Lower Upper

164 100

162 102.6 80.8 121.2

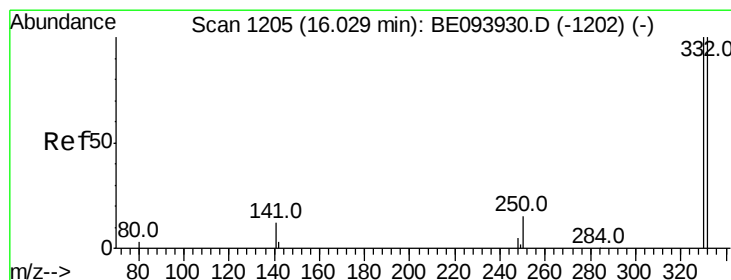
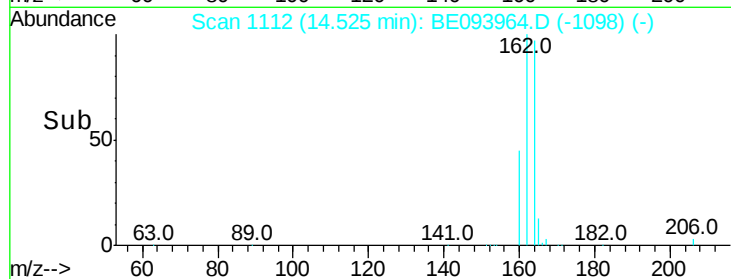
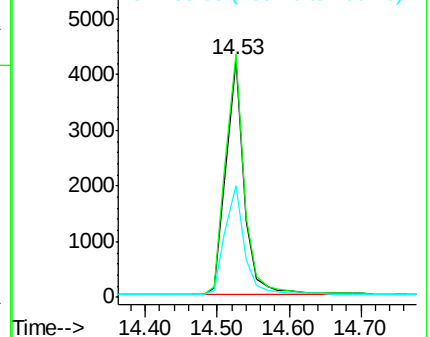
160 47.0 37.0 55.4



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: 0.261 ng

RT: 16.03 min Scan# 1206

Delta R.T. 0.00 min

Lab File: BE093964.D

Acq: 11 Sep 2017 15:53

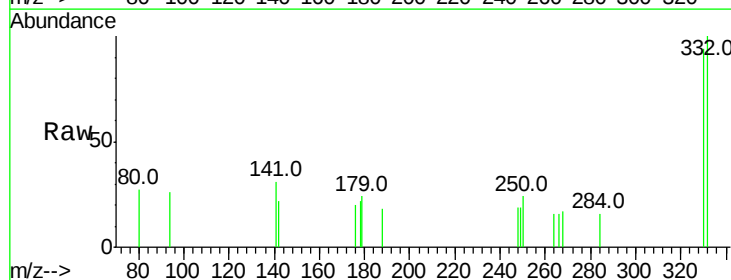
Tgt Ion:330 Resp: 602

Ion Ratio Lower Upper

330 100

332 100.7 76.9 115.3

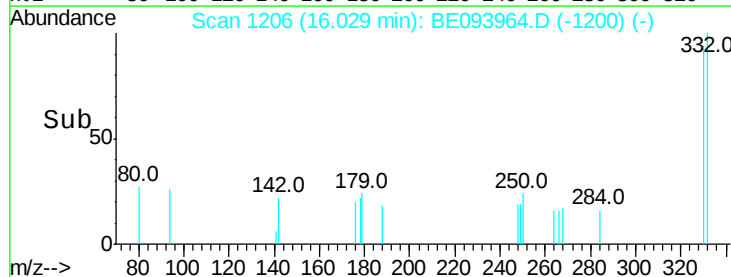
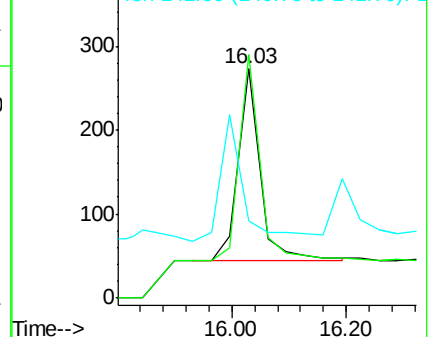
141 0.0 0.0 0.0

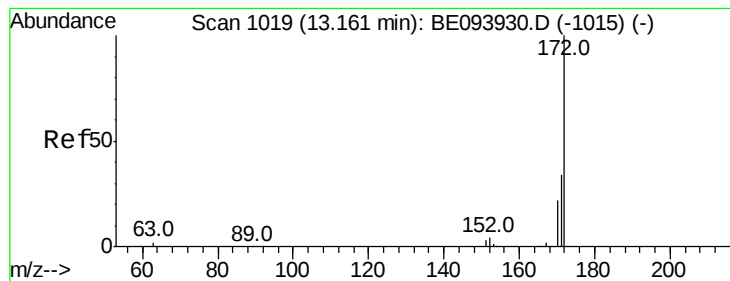


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

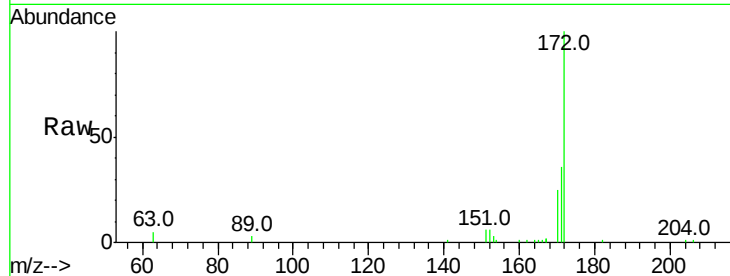




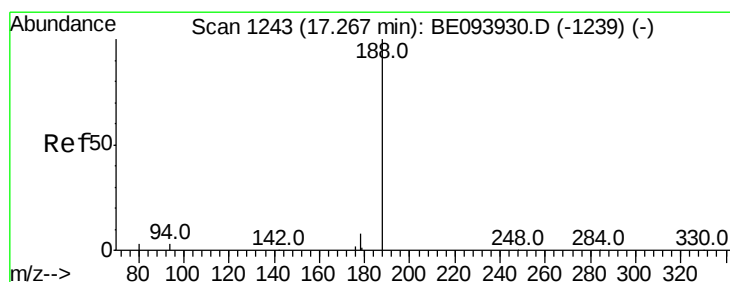
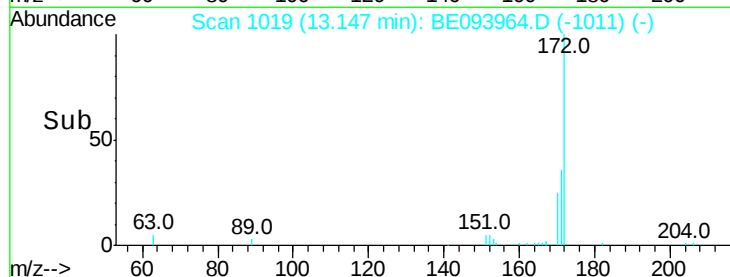
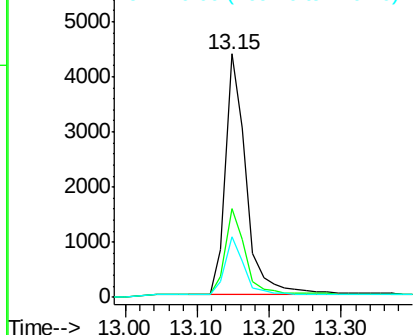
#15
2-Fluorobiphenyl
Concen: 0.298 ng
RT: 13.15 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BE093964.D
Acq: 11 Sep 2017 15:53

Instrument :
BNA_E
ClientSampleId :
CPS073061

Tot Ion:172 Resp: 8790
Ion Ratio Lower Upper
172 100
171 36.3 26.9 40.3
170 24.8 17.3 25.9

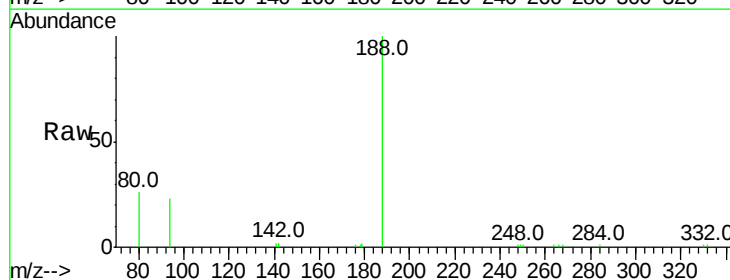


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

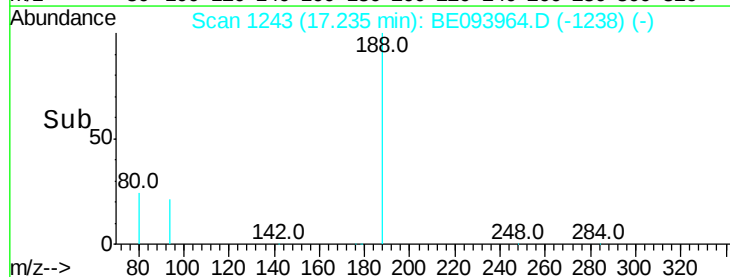
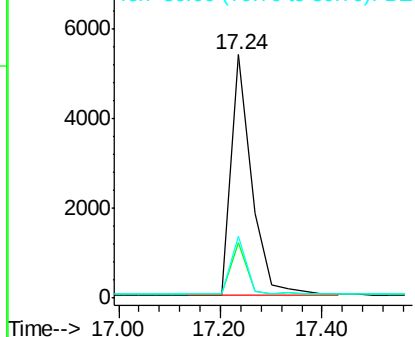


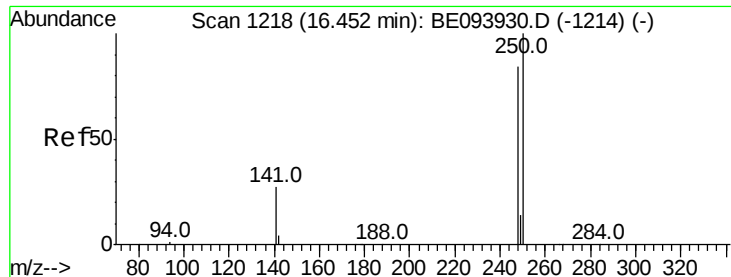
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.24 min Scan# 1243
Delta R.T. -0.03 min
Lab File: BE093964.D
Acq: 11 Sep 2017 15:53

Tgt Ion:188 Resp: 15245
Ion Ratio Lower Upper
188 100
94 22.7 16.1 24.1
80 25.6 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: BE093964.D

Acq: 11 Sep 2017 15:53

Instrument :

BNA_E

ClientSampleId :

CPS073061

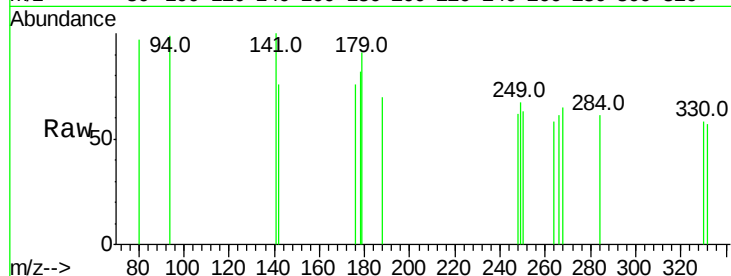
Tot Ion:248 Resp: 16

Ion Ratio Lower Upper

248 100

250 102.0 111.8 167.8#

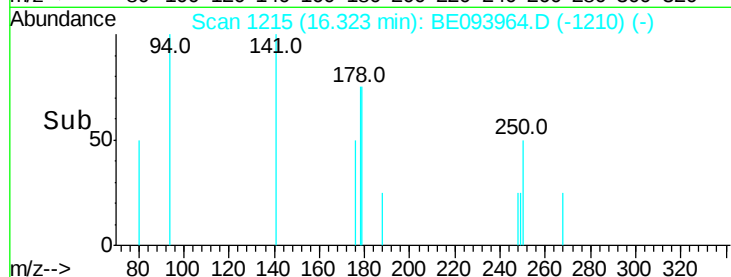
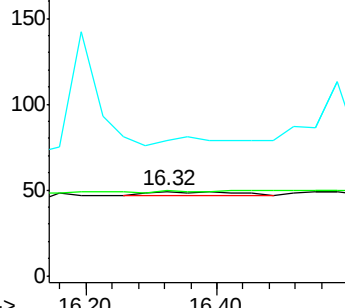
141 161.2 27.1 40.7#



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: 0.134 ng

RT: 16.94 min Scan# 1234

Delta R.T. 0.00 min

Lab File: BE093964.D

Acq: 11 Sep 2017 15:53

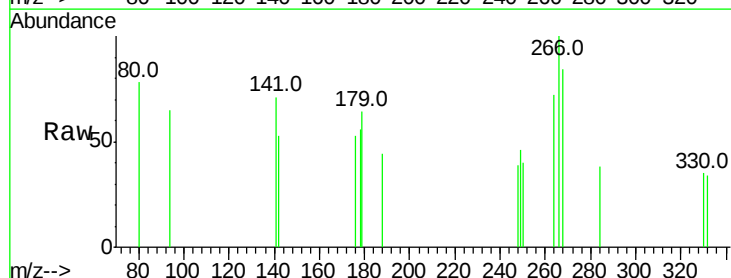
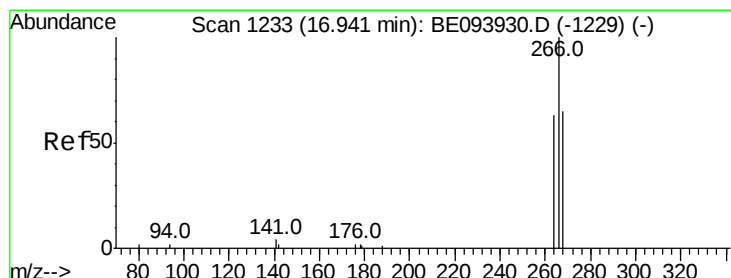
Tgt Ion:266 Resp: 323

Ion Ratio Lower Upper

266 100

264 72.1 53.5 80.3

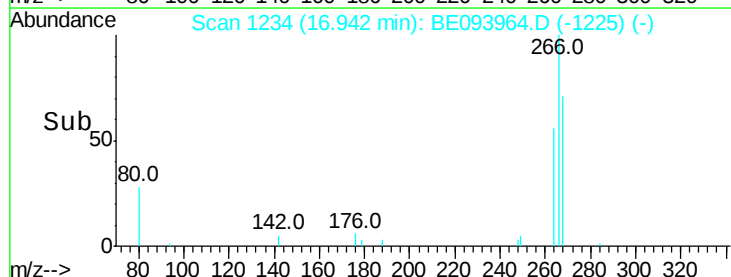
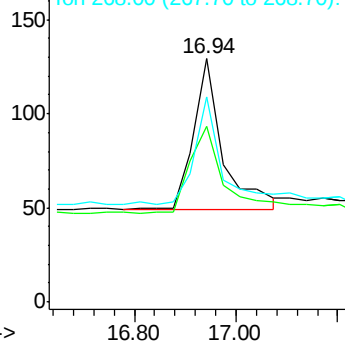
268 84.5 60.0 90.0

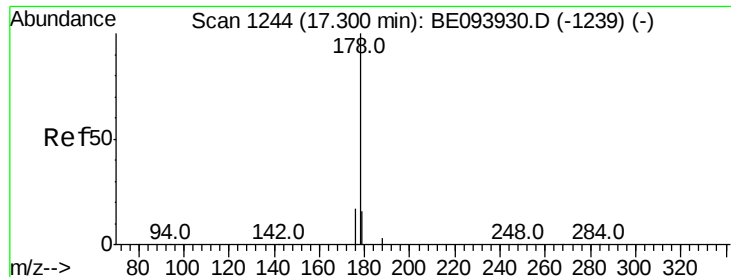


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: Below Cal

RT: 17.30 min Scan# 1245

Delta R.T. 0.00 min

Lab File: BE093964.D

Acq: 11 Sep 2017 15:53

Instrument :

BNA_E

ClientSampleId :

CPS073061

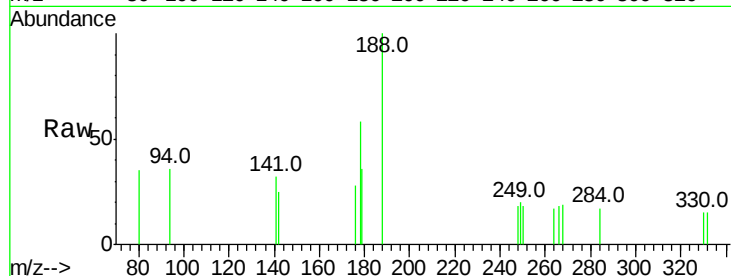
Tot Ion:178 Resp: 704

Ion Ratio Lower Upper

178 100

176 0.0 0.0 0.0

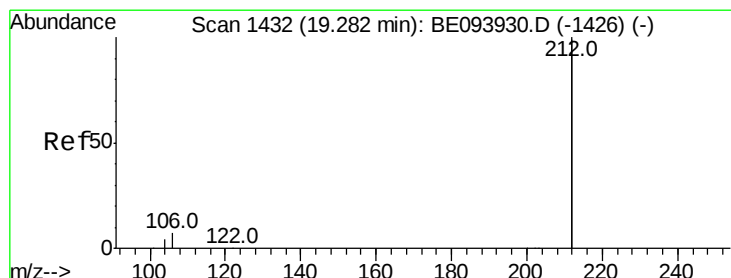
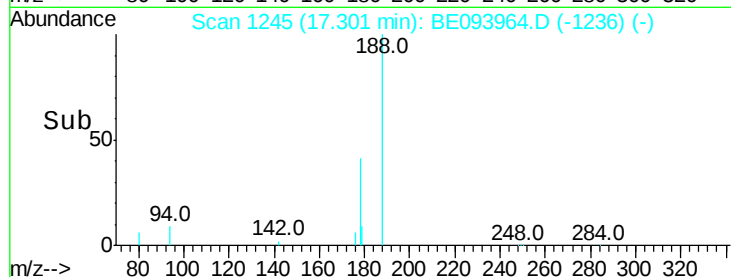
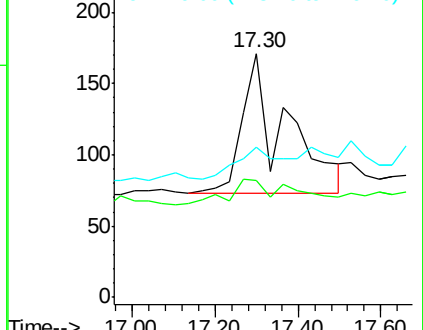
179 21.4 12.6 18.8#



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: 0.280 ng

RT: 19.28 min Scan# 1432

Delta R.T. -0.01 min

Lab File: BE093964.D

Acq: 11 Sep 2017 15:53

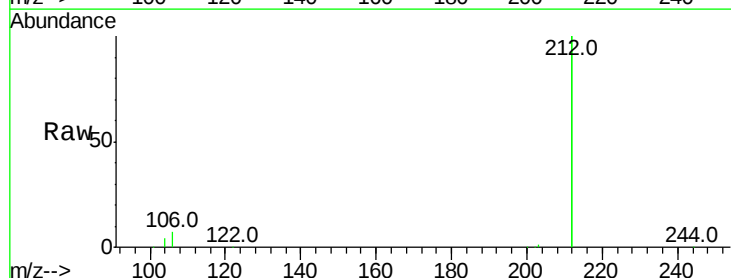
Tgt Ion:212 Resp: 63705

Ion Ratio Lower Upper

212 100

106 3.4 2.7 4.1

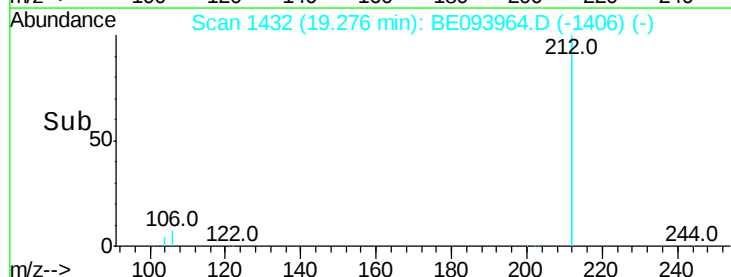
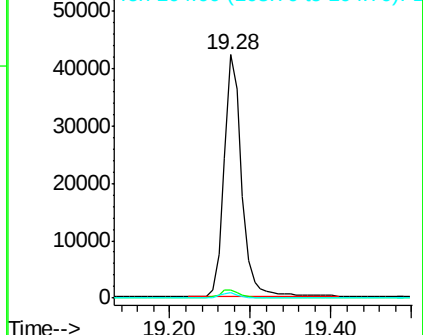
104 2.0 1.6 2.4

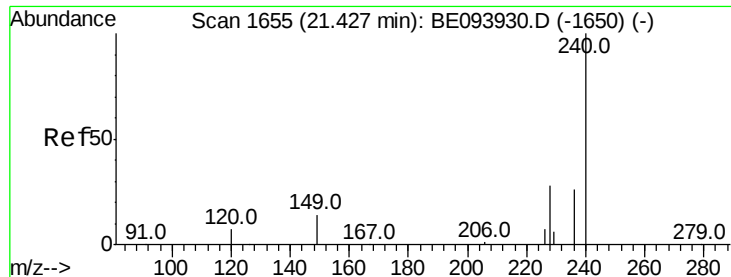


Abundance Ion 212.00 (211.70 to 212.70): E

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: BE093964.D

Acq: 11 Sep 2017 15:53

Instrument :

BNA_E

ClientSampleId :

CPS073061

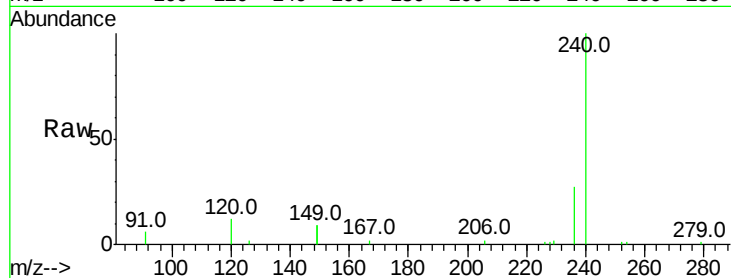
Tot Ion:240 Resp: 18431

Ion Ratio Lower Upper

240 100

120 12.0 8.7 13.1

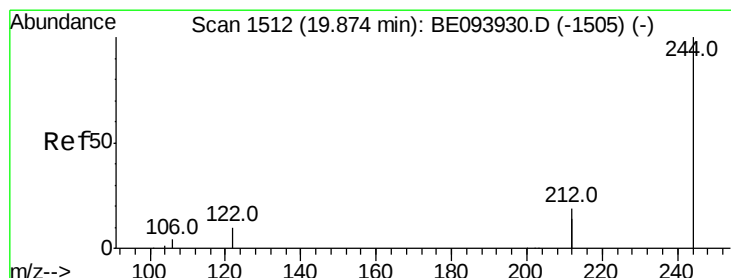
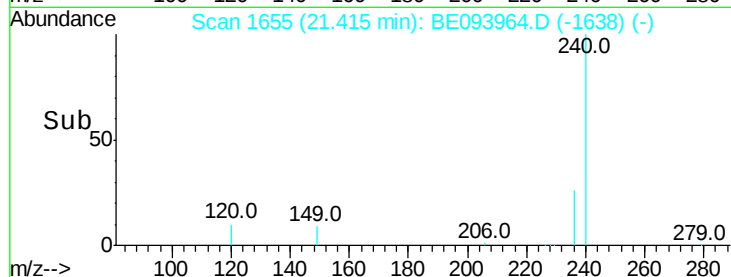
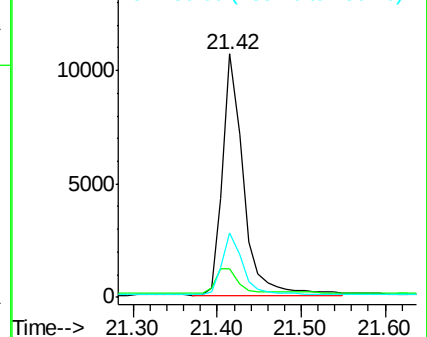
236 26.6 21.3 31.9



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: 0.395 ng

RT: 19.86 min Scan# 1511

Delta R.T. -0.01 min

Lab File: BE093964.D

Acq: 11 Sep 2017 15:53

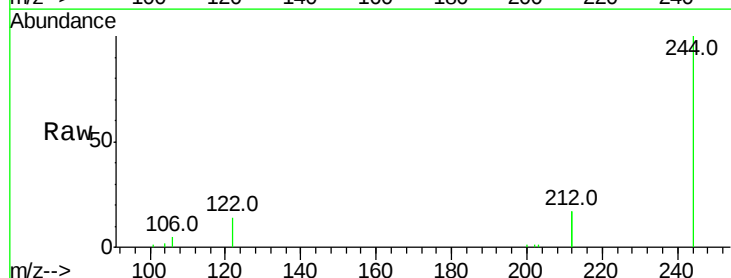
Tgt Ion:244 Resp: 13394

Ion Ratio Lower Upper

244 100

212 34.4 28.3 42.5

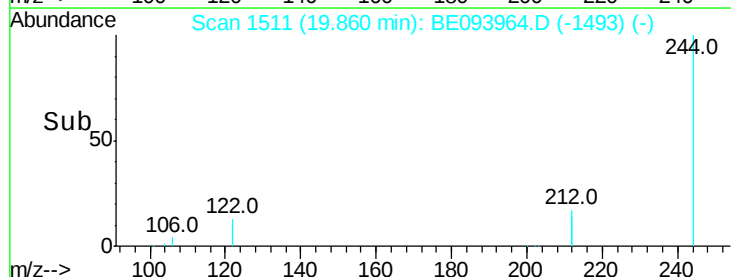
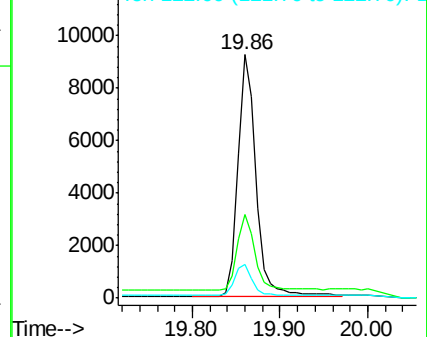
122 13.7 9.4 14.0

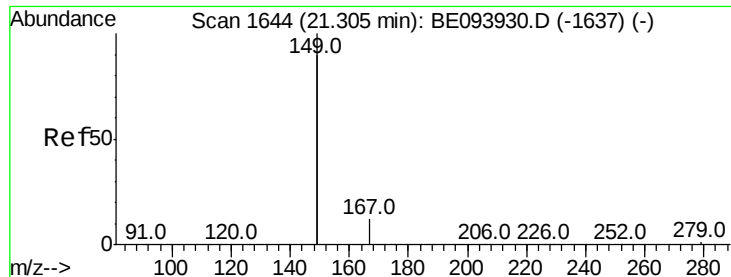


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.183 ng

RT: 21.30 min Scan# 1645

Delta R.T. -0.00 min

Lab File: BE093964.D

Acq: 11 Sep 2017 15:53

Instrument :

BNA_E

ClientSampleId :

CPS073061

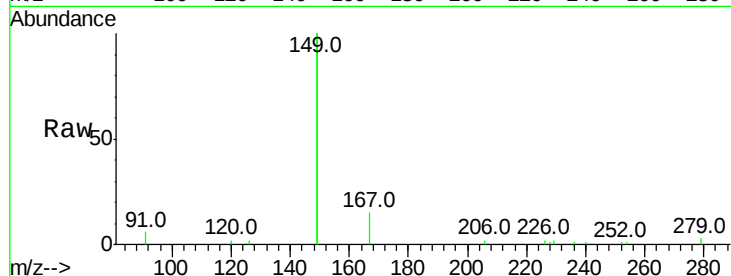
Tot Ion:149 Resp: 25147

Ion Ratio Lower Upper

149 100

167 6.3 5.4 8.0

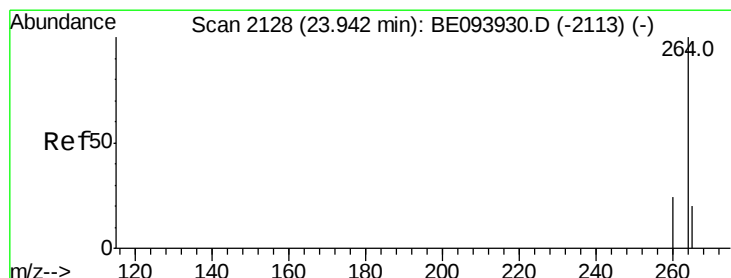
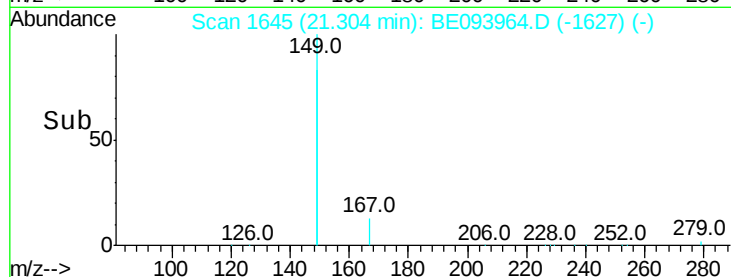
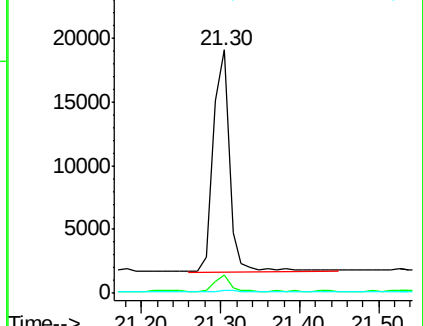
279 0.9 0.7 1.1



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: BE093964.D

Acq: 11 Sep 2017 15:53

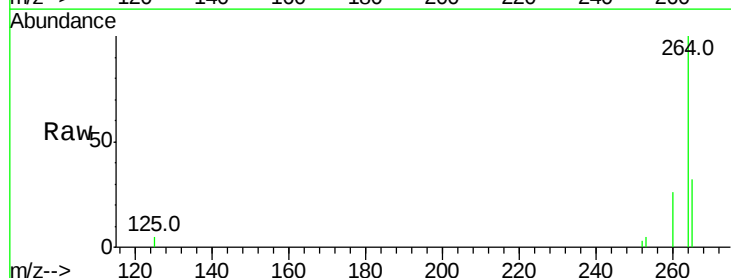
Tgt Ion:264 Resp: 14768

Ion Ratio Lower Upper

264 100

260 26.0 20.0 30.0

265 31.5 24.0 36.0



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

