

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE091117\
 Data File : BE093976.D
 Acq On : 11 Sep 2017 23:18
 Operator : SJ/JU
 Sample : I5147-05
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 KY038PS034-170906

Quant Time: Sep 12 07:45:15 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

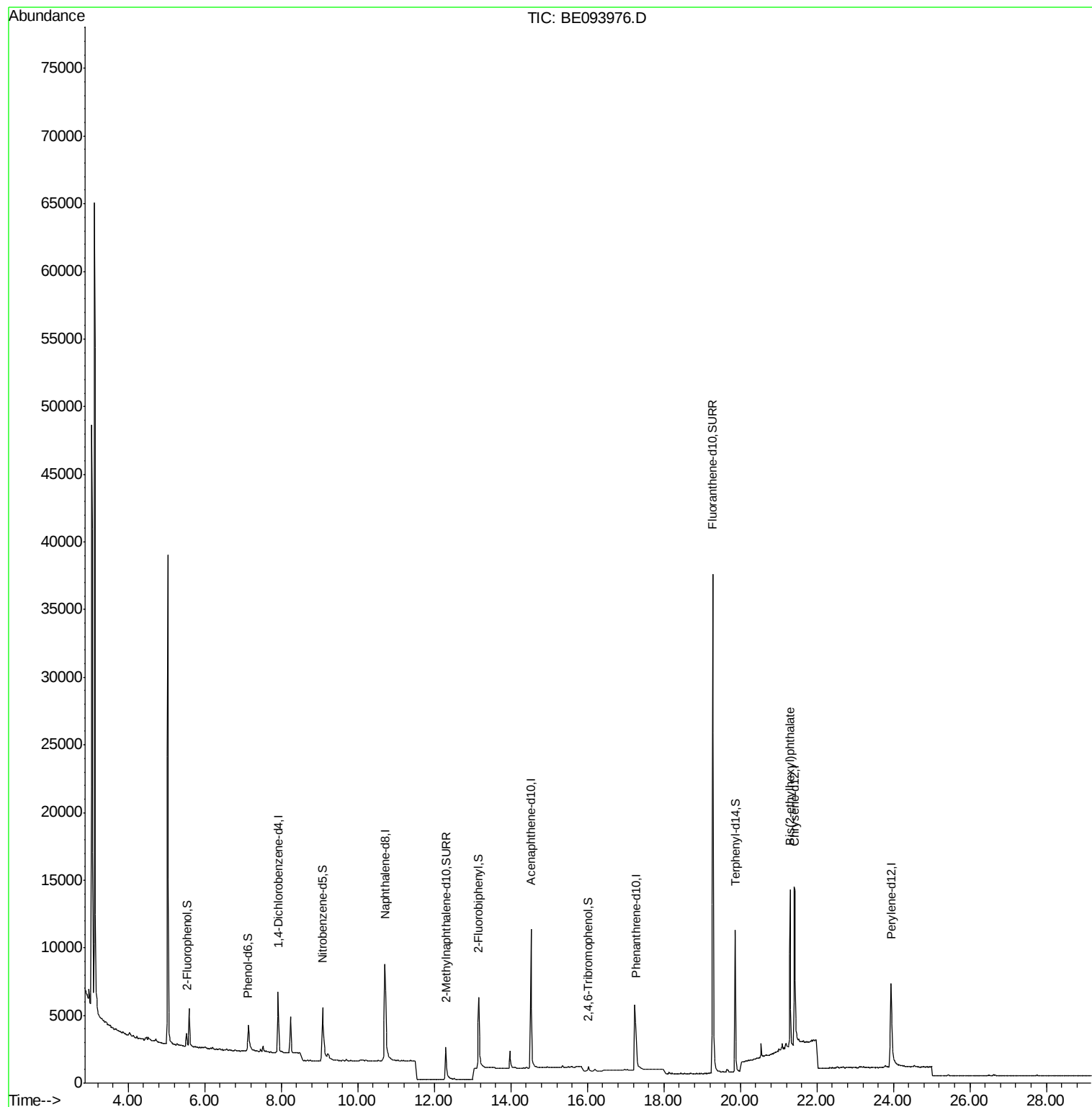
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	2359	0.40	ng	0.00
7) Naphthalene-d8	10.71	136	11724	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	7167	0.40	ng	0.00
19) Phenanthrene-d10	17.27	188	13129	0.40	ng	0.00
27) Chrysene-d12	21.43	240	17552	0.40	ng	0.00
34) Perylene-d12	23.94	264	13592	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.53	112	743	0.10	ng	0.00
5) Phenol-d6	7.11	99	606	0.05	ng	0.00
8) Nitrobenzene-d5	9.08	82	2727	0.27	ng	0.00
11) 2-Methylnaphthalene-d10	12.30	152	5208	0.28	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	383	0.17	ng	0.00
15) 2-Fluorobiphenyl	13.16	172	7232	0.26	ng	0.00
25) Fluoranthene-d10	19.28	212	56655	0.29	ng	0.00
29) Terphenyl-d14	19.87	244	11052	0.34	ng	0.00
Target Compounds						
20) 4-Bromophenyl-phenylether	16.45	248	18	Below Cal	#	37
23) Phenanthrene	17.30	178	428	Below Cal	#	77
32) Bis(2-ethylhexyl)phthalate	21.30	149	14515	0.111	ng	99

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

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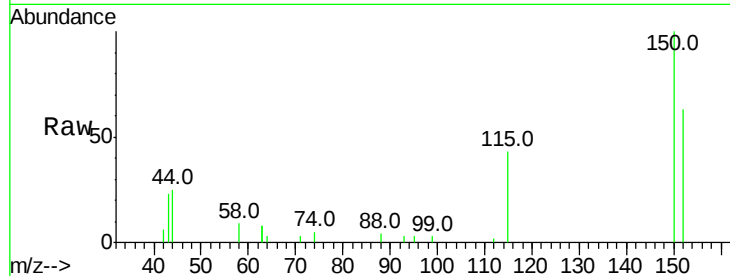


#1

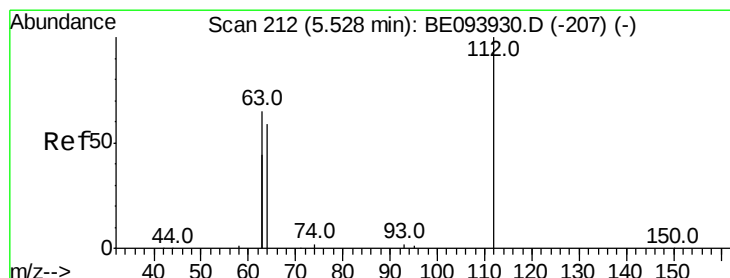
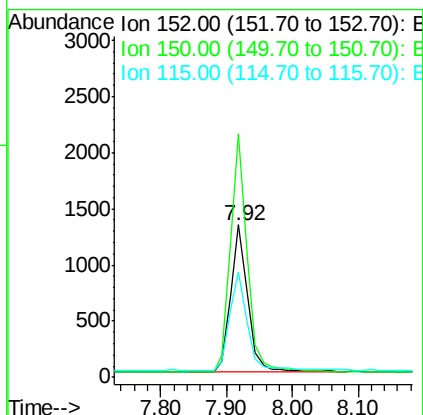
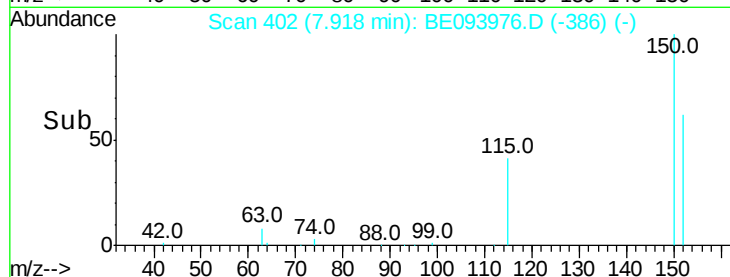
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.92 min Scan# 402
Delta R.T. -0.00 min
Lab File: BE093976.D
Acq: 11 Sep 2017 23:18

Instrument :
BNA_E
ClientSampleId :
KY038PS034-170906

Tot Ion:152 Resp: 2359
Ion Ratio Lower Upper
152 100
150 159.6 121.8 182.6
115 69.1 52.6 79.0



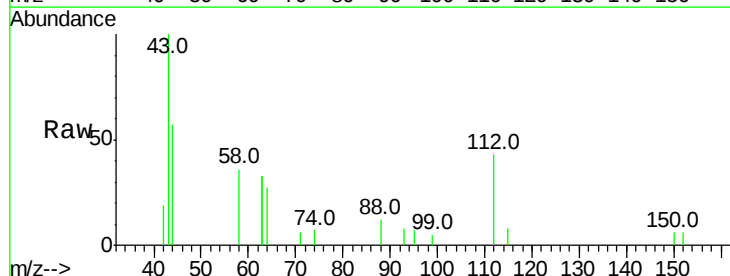
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



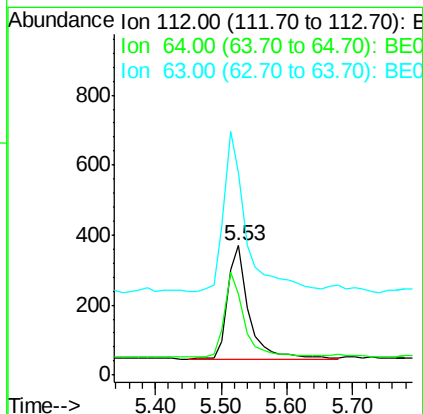
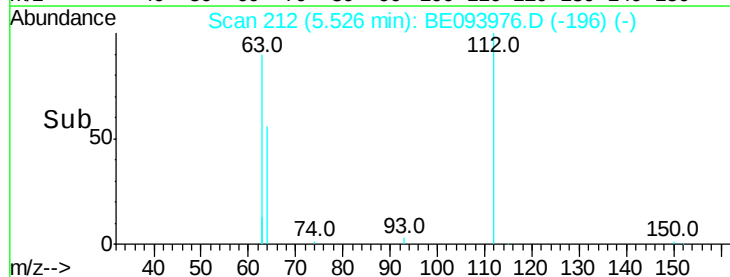
#4

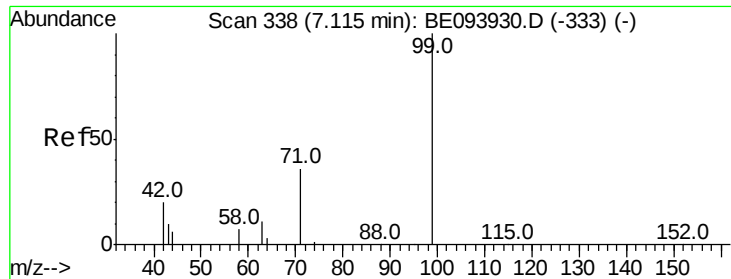
2-Fluorophenol
Concen: 0.097 ng
RT: 5.53 min Scan# 212
Delta R.T. -0.00 min
Lab File: BE093976.D
Acq: 11 Sep 2017 23:18

Tgt Ion:112 Resp: 743
Ion Ratio Lower Upper
112 100
64 68.8 57.7 86.5
63 146.4 116.0 174.0



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: 0.053 ng

RT: 7.11 min Scan# 338

Delta R.T. -0.00 min

Lab File: BE093976.D

Acq: 11 Sep 2017 23:18

Instrument :

BNA_E

ClientSampleId :

KY038PS034-170906

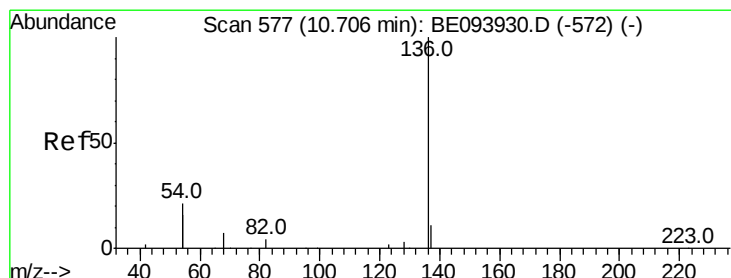
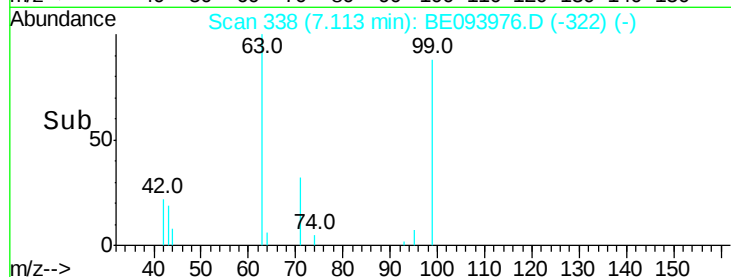
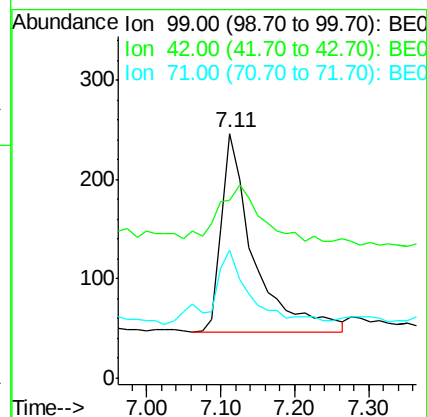
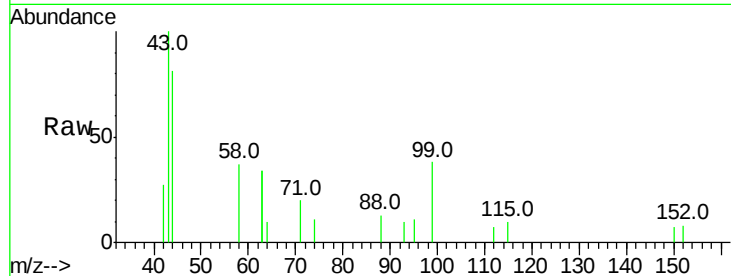
Tot Ion: 99 Resp: 606

Ion Ratio Lower Upper

99 100

42 35.5 17.1 25.7#

71 43.4 26.6 39.8#



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.71 min Scan# 577

Delta R.T. -0.00 min

Lab File: BE093976.D

Acq: 11 Sep 2017 23:18

Tgt Ion: 136 Resp: 11724

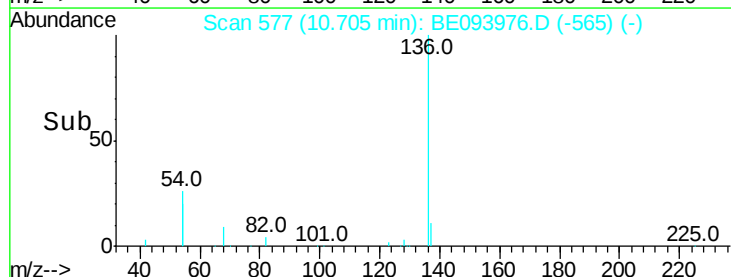
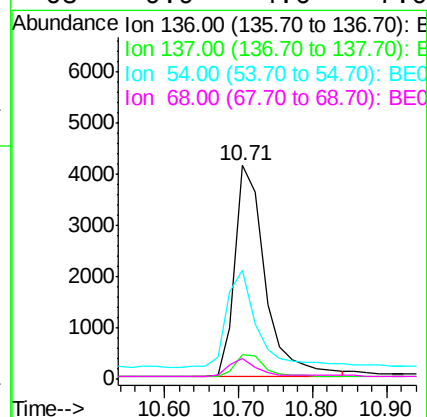
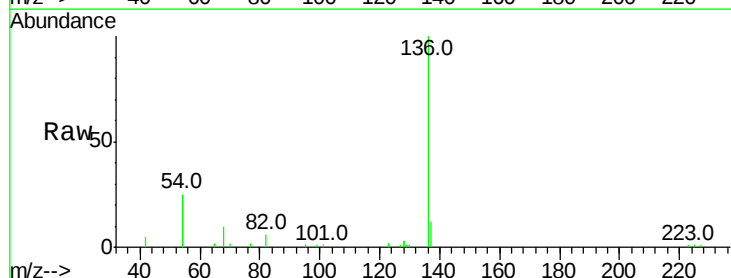
Ion Ratio Lower Upper

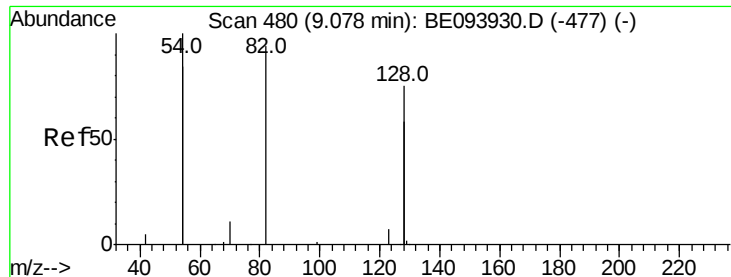
136 100

137 11.7 9.2 13.8

54 50.9 21.9 32.9#

68 9.9 4.6 7.0#





#8

Nitrobenzene-d5

Concen: 0.275 ng

RT: 9.08 min Scan# 480

Delta R.T. -0.00 min

Lab File: BE093976.D

Acq: 11 Sep 2017 23:18

Instrument :

BNA_E

ClientSampleId :

KY038PS034-170906

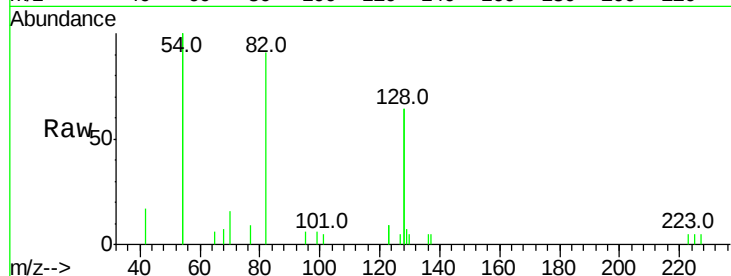
Tot Ion: 82 Resp: 2727

Ion Ratio Lower Upper

82 100

128 139.1 91.4 137.0#

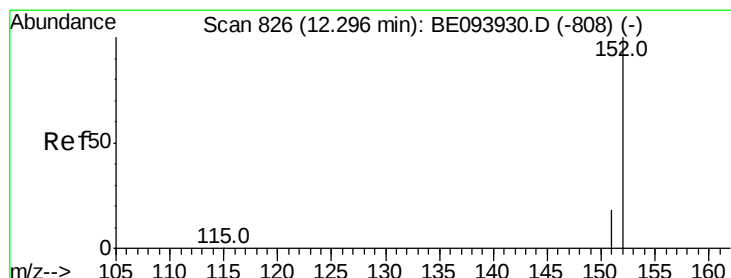
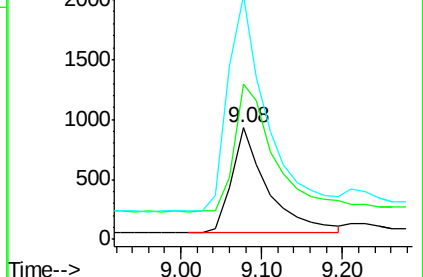
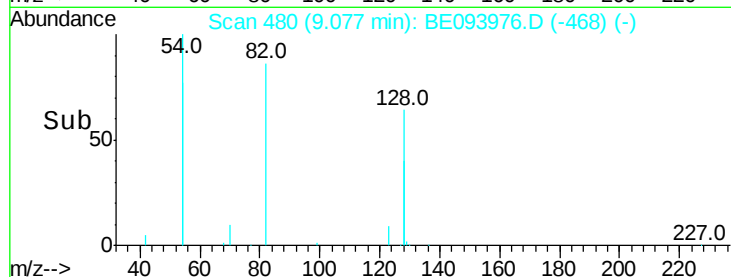
54 218.7 197.8 296.8



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



#11

2-Methylnaphthalene-d10

Concen: 0.278 ng

RT: 12.30 min Scan# 827

Delta R.T. 0.00 min

Lab File: BE093976.D

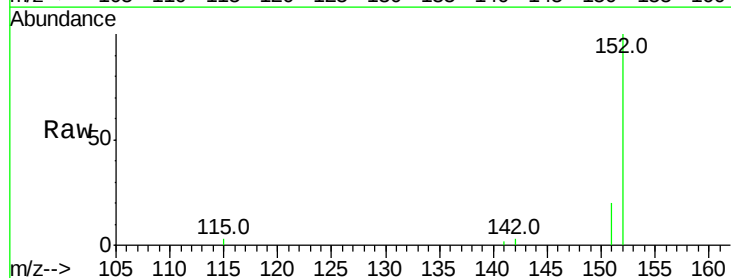
Acq: 11 Sep 2017 23:18

Tgt Ion: 152 Resp: 5208

Ion Ratio Lower Upper

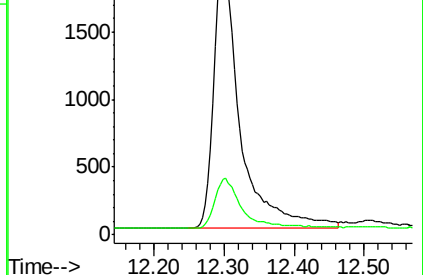
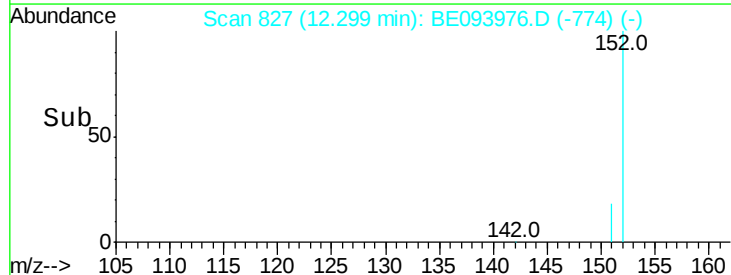
152 100

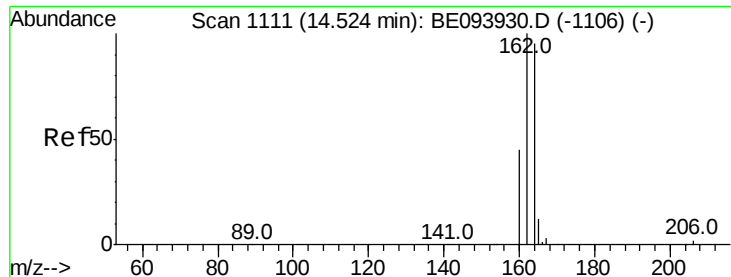
151 18.8 15.4 23.0



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: BE093976.D

Acq: 11 Sep 2017 23:18

Instrument :

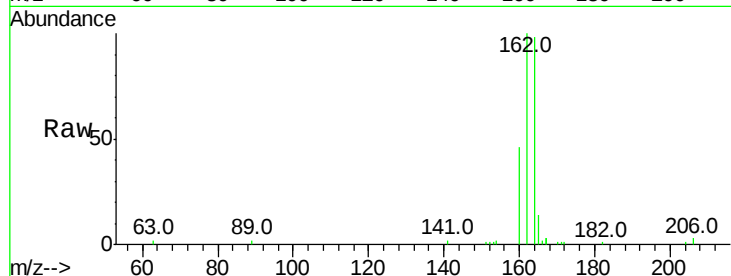
BNA_E

ClientSampleId :

KY038PS034-170906

Tot Ion:164 Resp: 7167

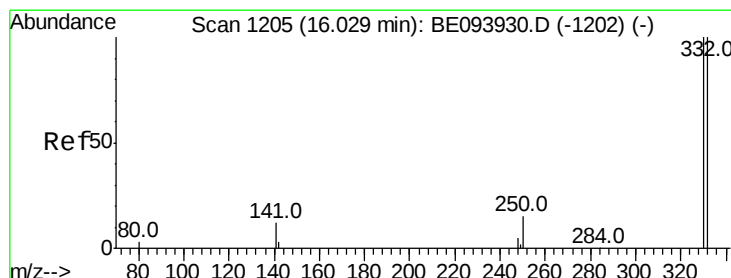
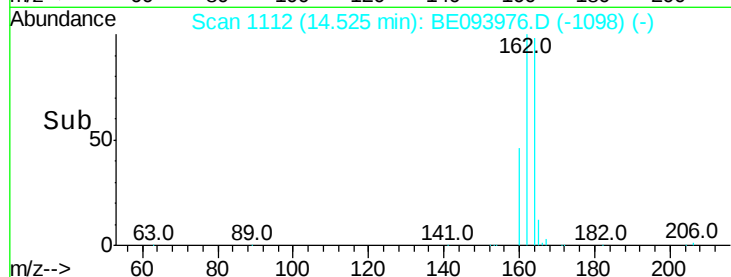
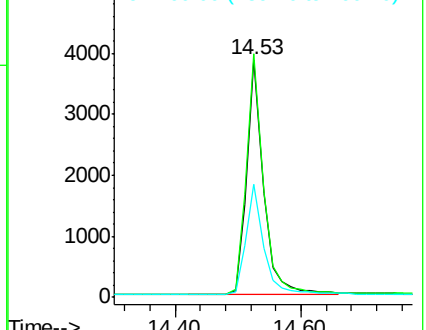
Ion	Ratio	Lower	Upper
164	100		
162	102.4	80.8	121.2
160	47.6	37.0	55.4



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: 0.173 ng

RT: 16.03 min Scan# 1206

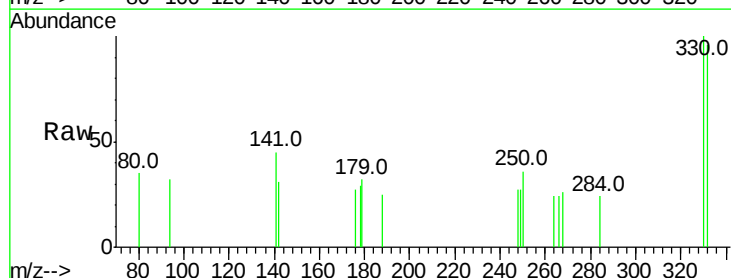
Delta R.T. 0.00 min

Lab File: BE093976.D

Acq: 11 Sep 2017 23:18

Tgt Ion:330 Resp: 383

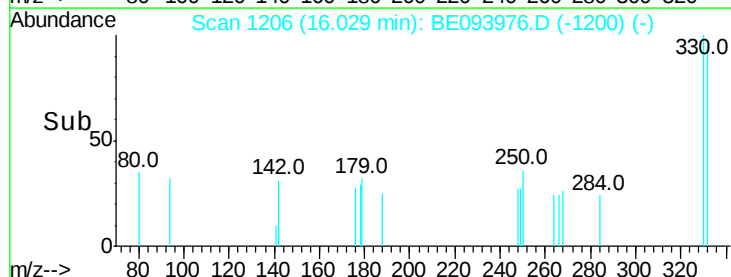
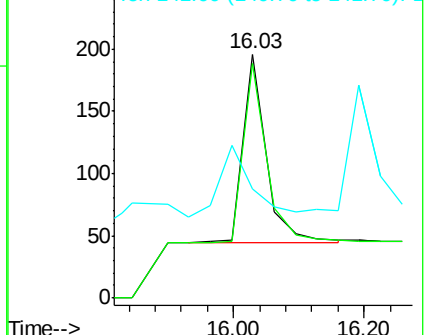
Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.9	115.3
141	0.0	0.0	0.0

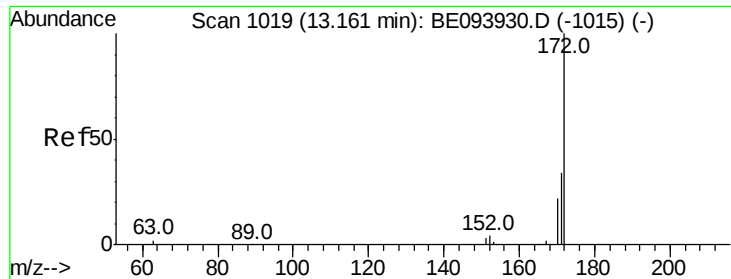


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

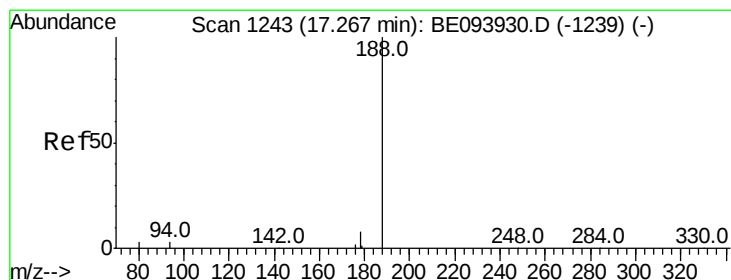
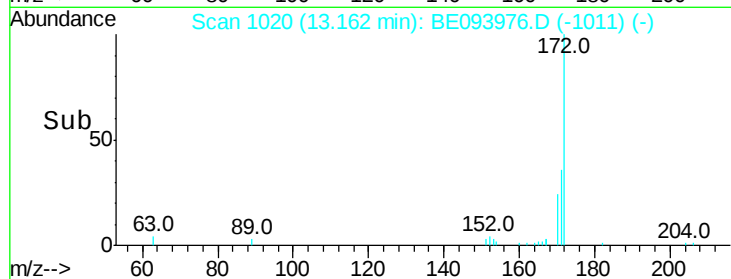
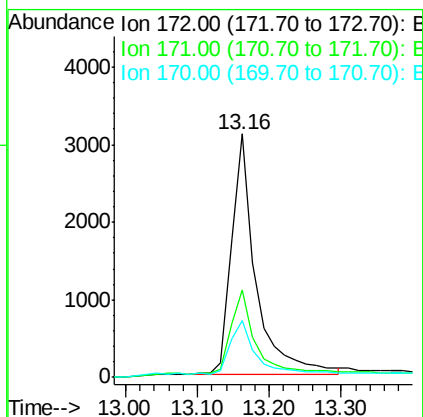
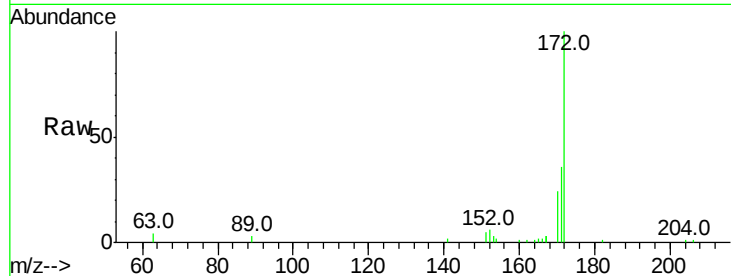




#15
2-Fluorobiphenyl
Concen: 0.255 ng
RT: 13.16 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BE093976.D
Acq: 11 Sep 2017 23:18

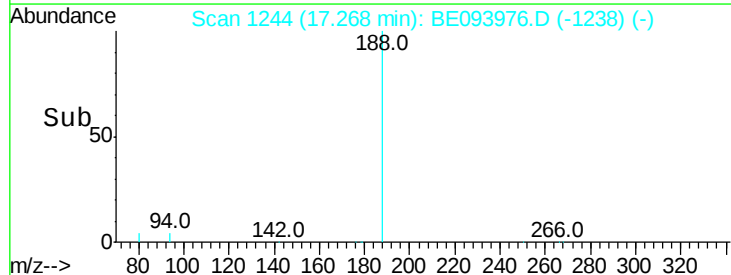
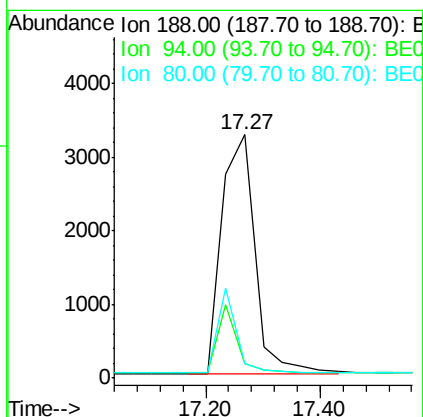
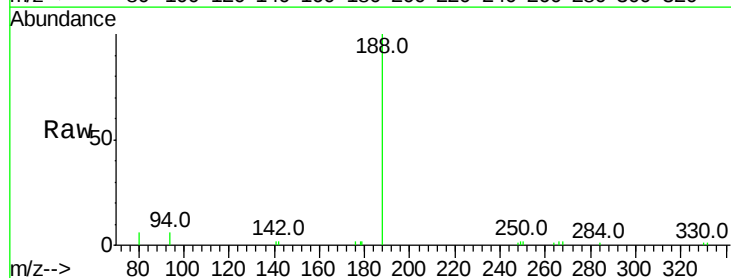
Instrument :
BNA_E
ClientSampleId :
KY038PS034-170906

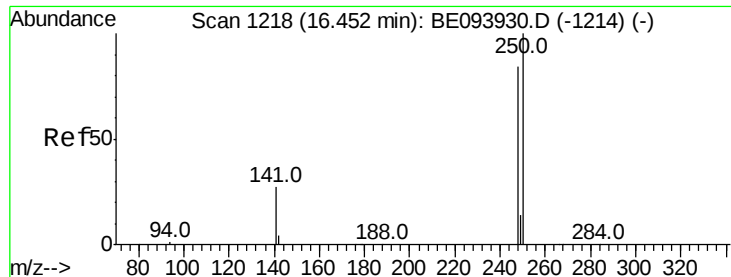
Tot Ion:172 Resp: 7232
Ion Ratio Lower Upper
172 100
171 36.1 26.9 40.3
170 23.5 17.3 25.9



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.27 min Scan# 1244
Delta R.T. 0.00 min
Lab File: BE093976.D
Acq: 11 Sep 2017 23:18

Tgt Ion:188 Resp: 13129
Ion Ratio Lower Upper
188 100
94 6.1 16.1 24.1#
80 6.0 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: BE093976.D

Acq: 11 Sep 2017 23:18

Instrument :

BNA_E

ClientSampleId :

KY038PS034-170906

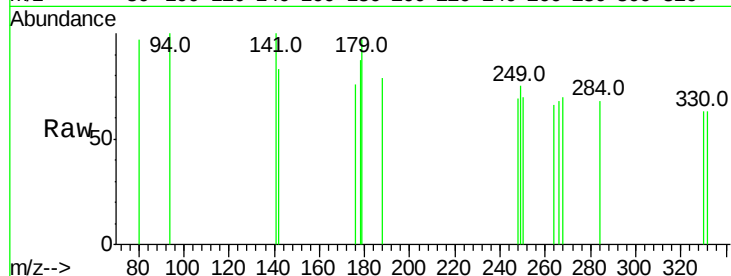
Tot Ion:248 Resp: 18

Ion Ratio Lower Upper

248 100

250 102.0 111.8 167.8#

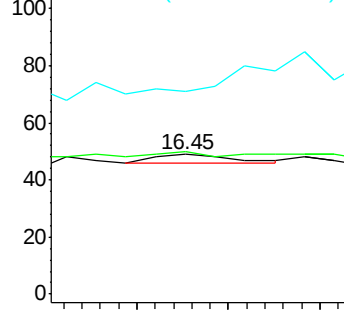
141 144.9 27.1 40.7#



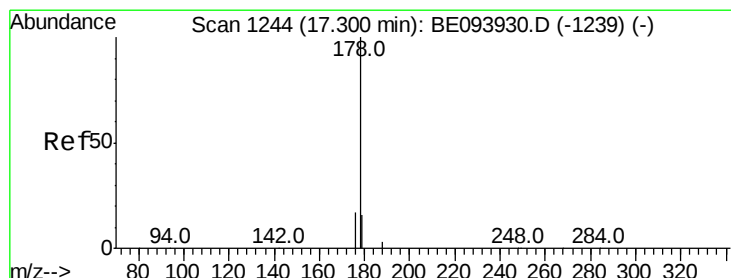
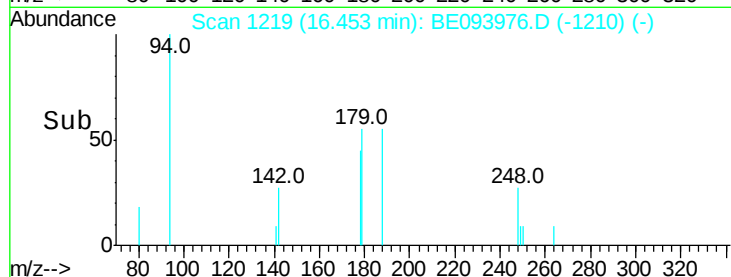
Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



Time-->



#23

Phenanthrene

Concen: Below Cal

RT: 17.30 min Scan# 1245

Delta R.T. 0.00 min

Lab File: BE093976.D

Acq: 11 Sep 2017 23:18

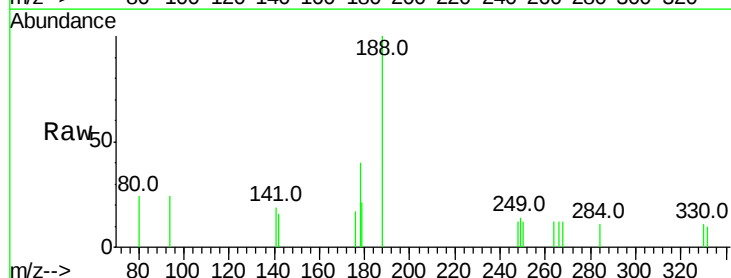
Tgt Ion:178 Resp: 428

Ion Ratio Lower Upper

178 100

176 27.3 0.0 0.0#

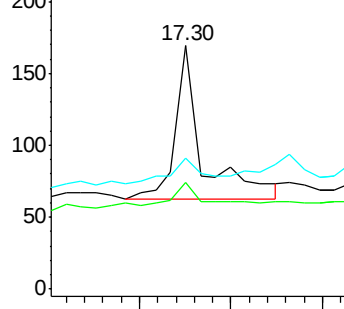
179 25.2 12.6 18.8#



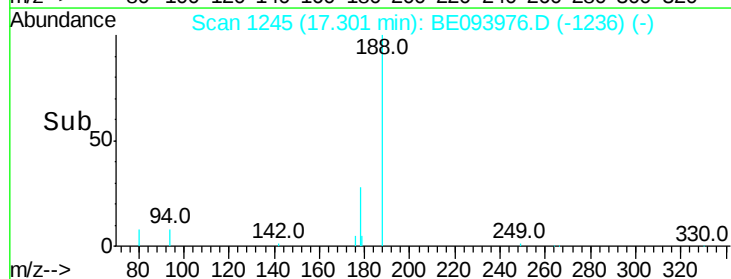
Abundance Ion 178.00 (177.70 to 178.70): E

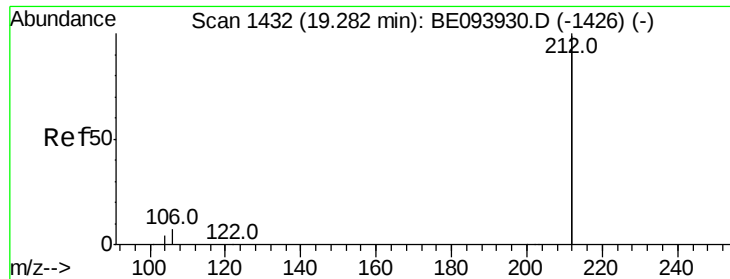
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->





#25

Fluoranthene-d10

Concen: 0.290 ng

RT: 19.28 min Scan# 1433

Delta R.T. -0.00 min

Lab File: BE093976.D

Acq: 11 Sep 2017 23:18

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KY038PS034-170906

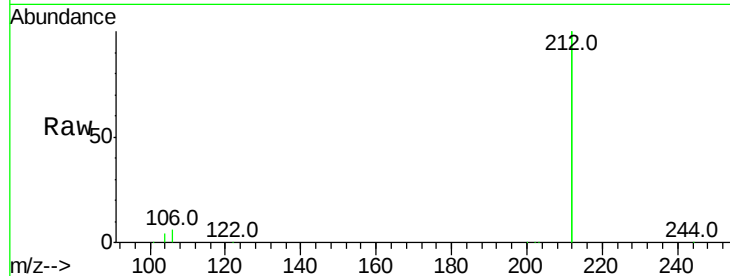
Tot Ion:212 Resp: 56655

Ion Ratio Lower Upper

212 100

106 3.4 2.7 4.1

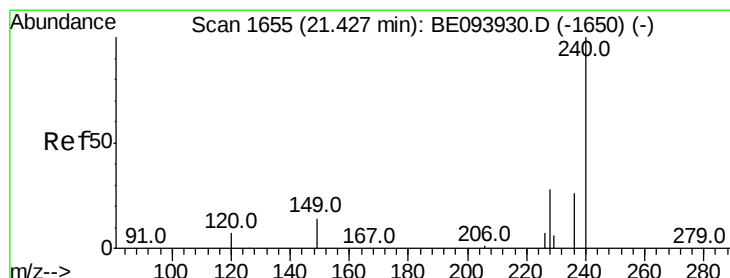
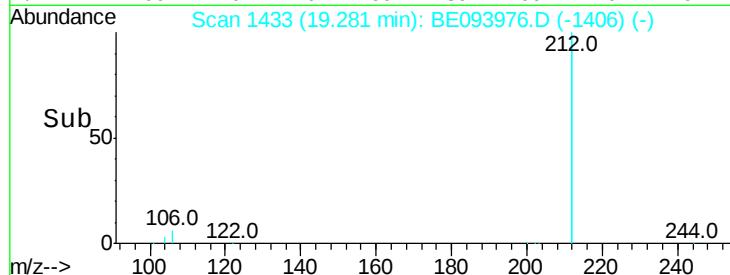
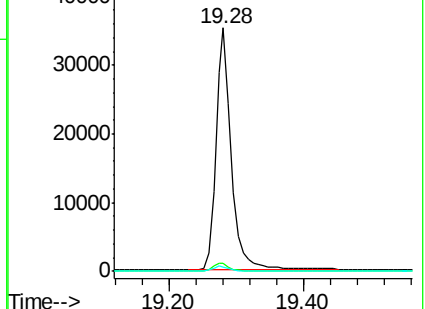
104 2.0 1.6 2.4



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: 21.43 min Scan# 1656

Delta R.T. -0.00 min

Lab File: BE093976.D

Acq: 11 Sep 2017 23:18

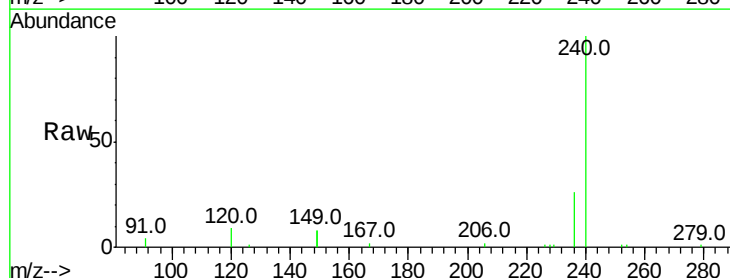
Tgt Ion:240 Resp: 17552

Ion Ratio Lower Upper

240 100

120 8.9 8.7 13.1

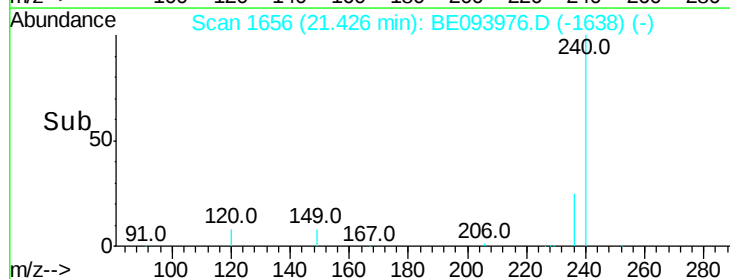
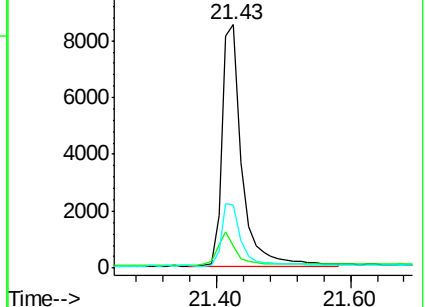
236 25.9 21.3 31.9

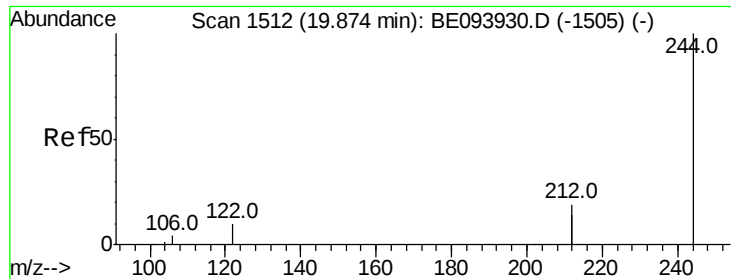


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.342 ng

RT: 19.87 min Scan# 1512

Delta R.T. -0.01 min

Lab File: BE093976.D

Acq: 11 Sep 2017 23:18

Instrument :

BNA_E

ClientSampleId :

KY038PS034-170906

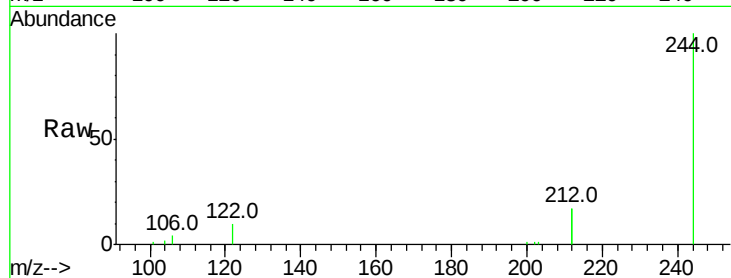
Tot Ion:244 Resp: 11052

Ion Ratio Lower Upper

244 100

212 33.2 28.3 42.5

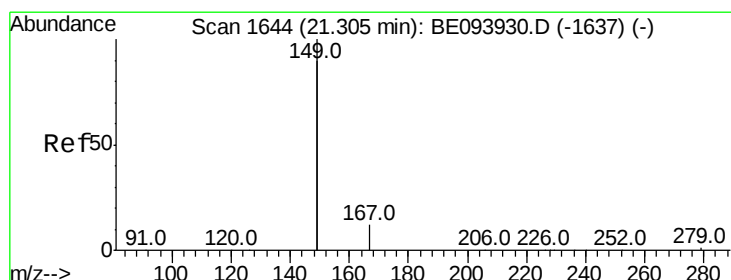
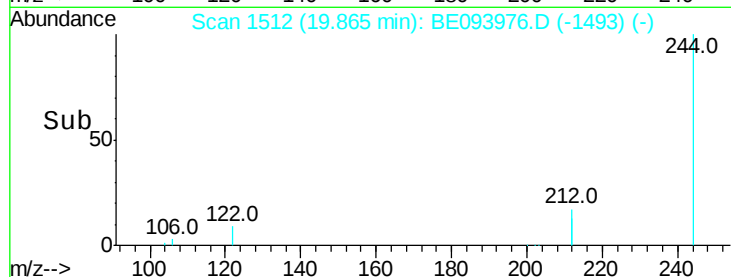
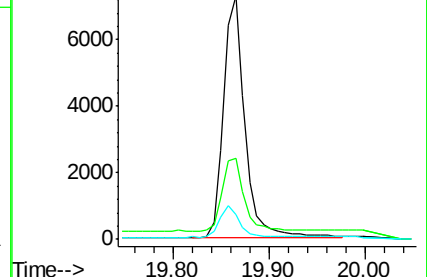
122 10.3 9.4 14.0



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: 0.111 ng

RT: 21.30 min Scan# 1645

Delta R.T. -0.00 min

Lab File: BE093976.D

Acq: 11 Sep 2017 23:18

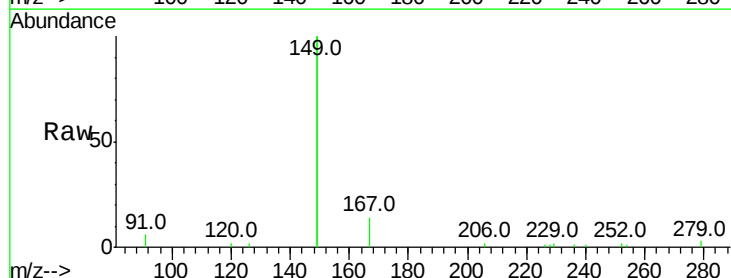
Tgt Ion:149 Resp: 14515

Ion Ratio Lower Upper

149 100

167 6.3 5.4 8.0

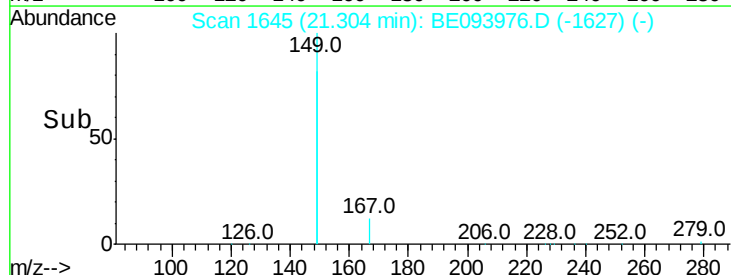
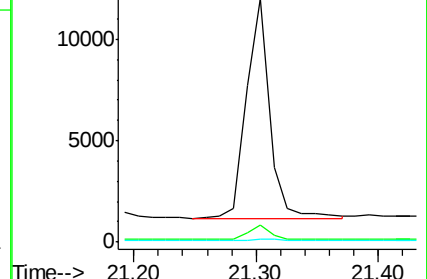
279 1.0 0.7 1.1

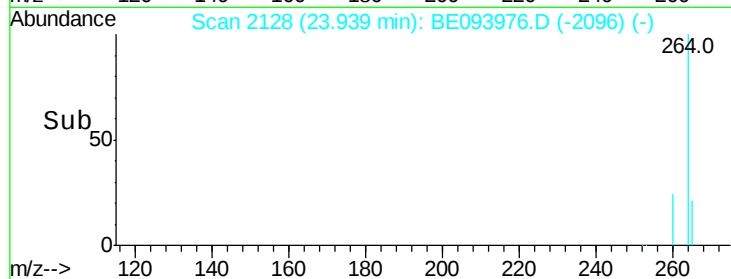
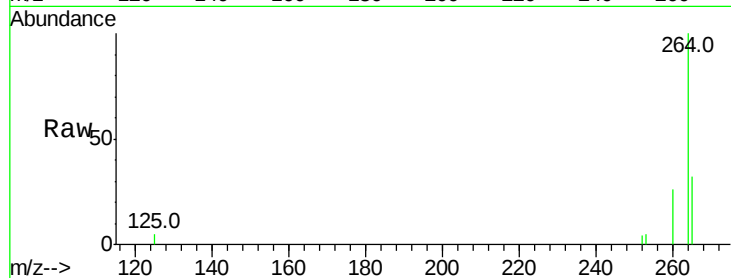
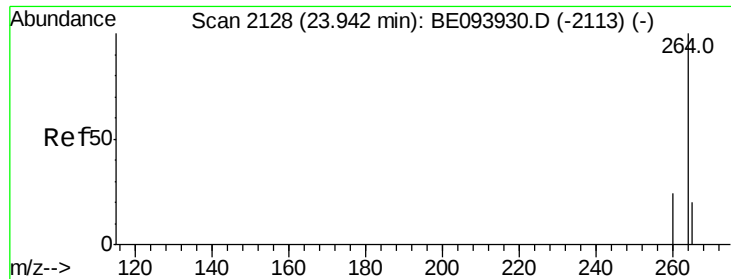


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34

Pervlène-d12

Concen: 0.400 ng

RT: 23.94 min Scan# 2128

Delta R.T. -0.00 min

Lab File: BE093976.D

Acq: 11 Sep 2017 23:18

Instrument :

BNA_E

ClientSampleId :

KY038PS034-170906

Tot Ion:264 Resp: 13592

Ion Ratio Lower Upper

264 100

260 25.7 20.0 30.0

265 31.6 24.0 36.0

