

Data Path : Z:\HPCHEM1\BNA E\DATA\BE110816\
 Data File : BE092513.D
 Acq On : 8 Nov 2016 17:45
 Operator : UM/SJ
 Sample : H5504-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 KY038PS027-161031

Quant Time: Nov 09 00:54:45 2016
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE110816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 08 16:27:22 2016
 Response via : Initial Calibration

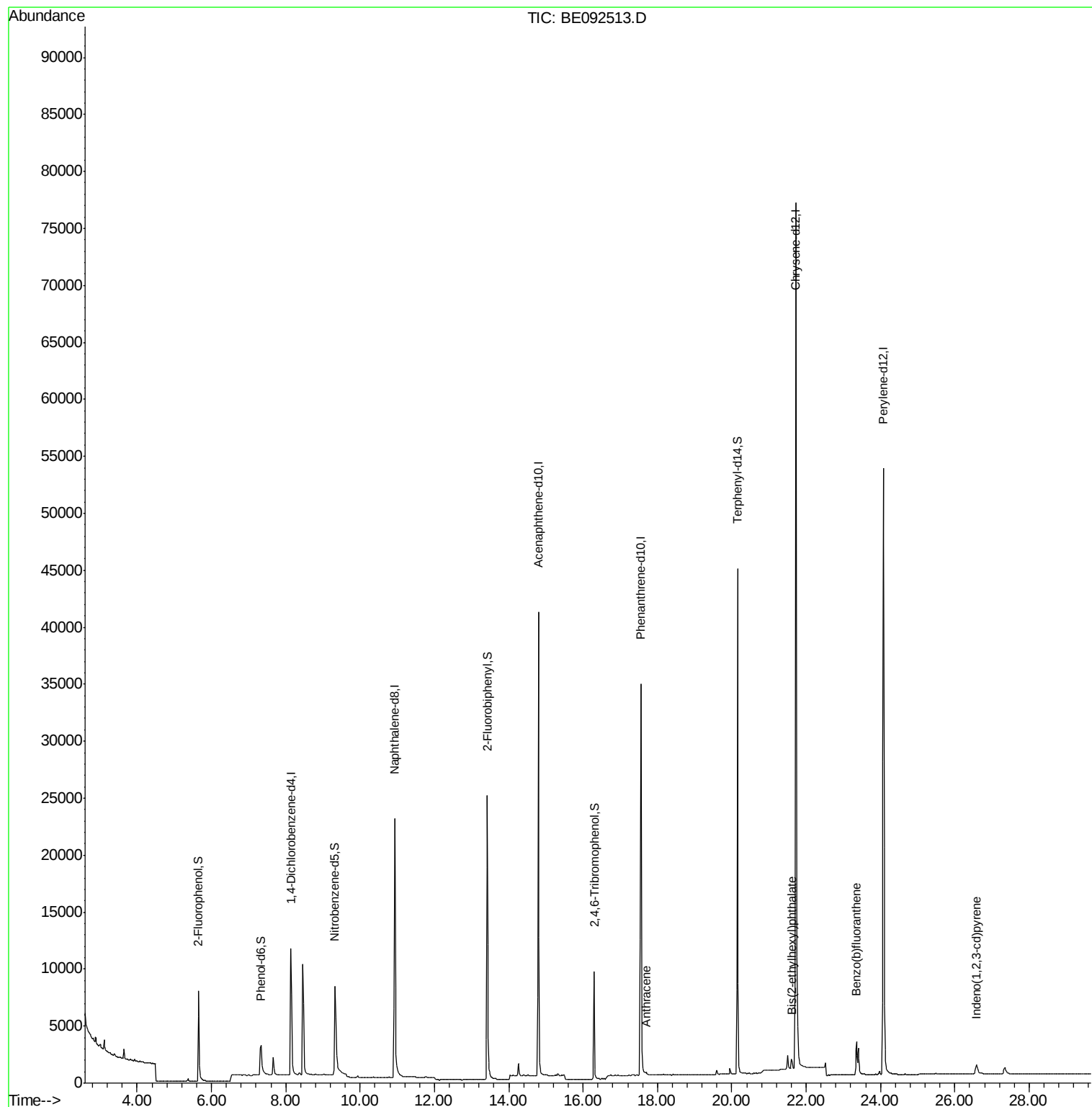
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	8265	5.00	ng	-0.02
7) Naphthalene-d8	10.93	136	37748	5.00	ng	0.00
12) Acenaphthene-d10	14.80	164	25581	5.00	ng	0.00
18) Phenanthrene-d10	17.56	188	56919	5.00	ng	0.00
24) Chrysene-d12	21.72	240	89164	5.00	ng	0.00
31) Perylene-d12	24.08	264	79600	5.00	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.66	112	7543	4.14	ng	0.00
5) Phenol-d6	7.34	99	5477	2.25	ng	0.00
8) Nitrobenzene-d5	9.32	82	12338	4.98	ng	-0.02
13) 2,4,6-Tribromophenol	16.30	330	7223	7.90	ng	-0.01
14) 2-Fluorobiphenyl	13.42	172	30236	4.78	ng	-0.01
26) Terphenyl-d14	20.16	244	51273	4.73	ng	-0.02
Target Compounds						
22) Anthracene	17.70	178	401	0.03	ng	Qvalue 96
29) Bis(2-ethylhexyl)phthalate	21.61	149	1532	0.20	ng	# 56
30) Indeno(1,2,3-cd)pyrene	26.58	276	2282	0.02	ng	97
32) Benzo(b)fluoranthene	23.36	252	4660	0.02	ng	94

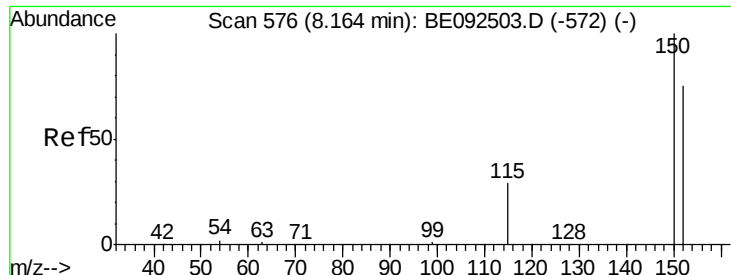
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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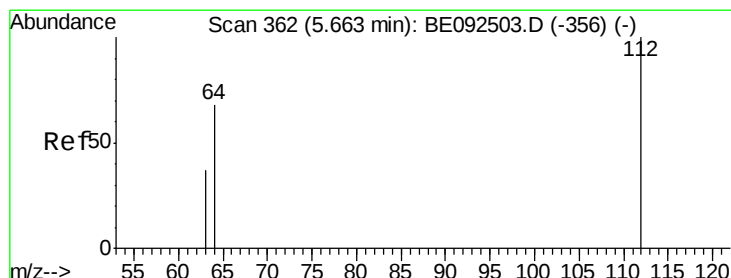
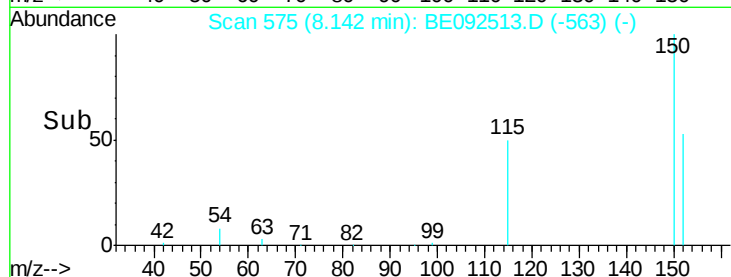
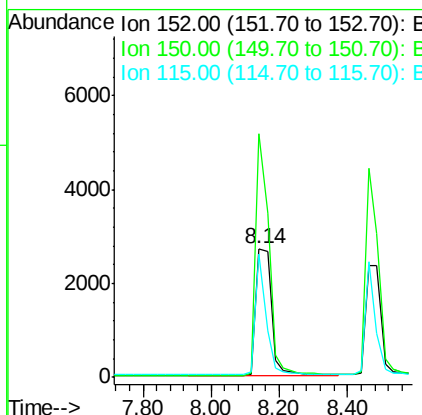
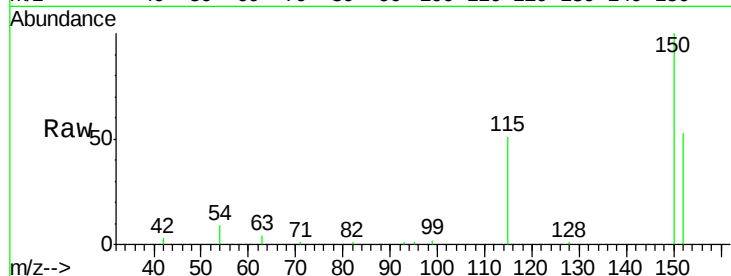




#1
 1,4-Dichlorobenzene-d4
 Concen: 5.00 ng
 RT: 8.14 min Scan# 575
 Delta R.T. -0.02 min
 Lab File: BE092513.D
 Acq: 8 Nov 2016 17:45

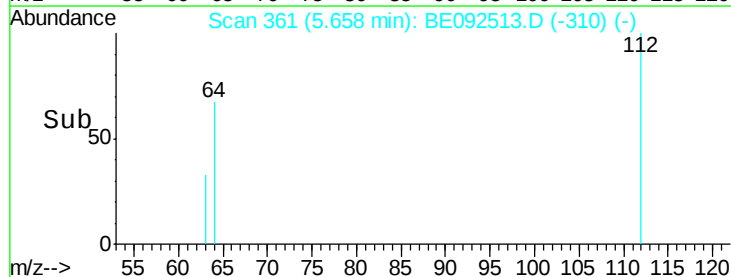
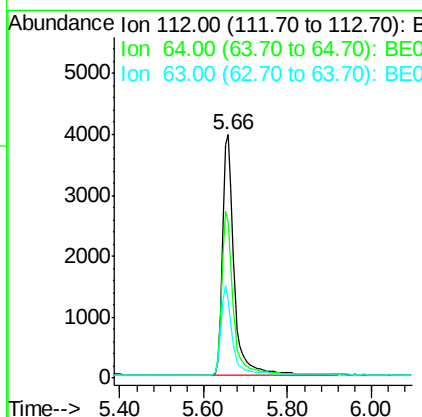
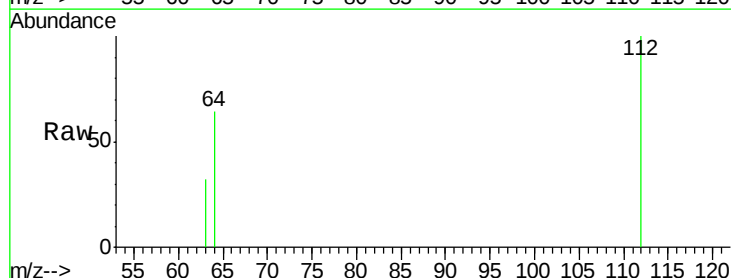
Instrument :
 BNA_E
 ClientSampleId :
 KY038PS027-161031

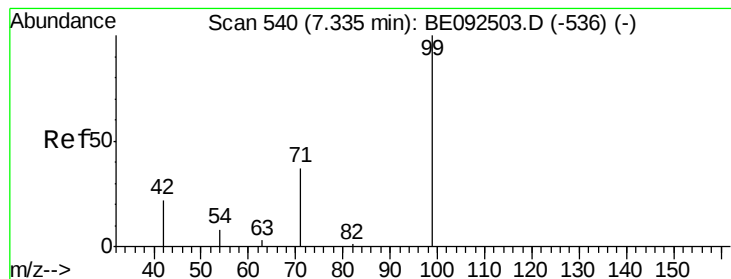
Tot Ion:152 Resp: 8265
 Ion Ratio Lower Upper
 152 100
 150 188.8 106.0 159.0#
 115 95.8 31.2 46.8#



#4
 2-Fluorophenol
 Concen: 4.14 ng
 RT: 5.66 min Scan# 361
 Delta R.T. -0.01 min
 Lab File: BE092513.D
 Acq: 8 Nov 2016 17:45

Tgt Ion:112 Resp: 7543
 Ion Ratio Lower Upper
 112 100
 64 67.7 53.5 80.3
 63 36.0 27.9 41.9





#5

Phenol-d6

Concen: 2.25 ng

RT: 7.34 min Scan# 540

Delta R.T. 0.00 min

Lab File: BE092513.D

Acq: 8 Nov 2016 17:45

Instrument :

BNA_E

ClientSampleId :

KY038PS027-161031

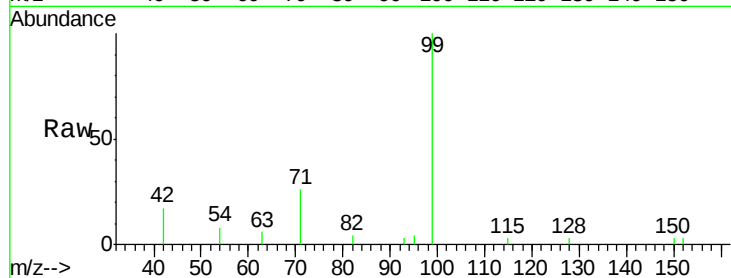
Tot Ion: 99 Resp: 5477

Ion Ratio Lower Upper

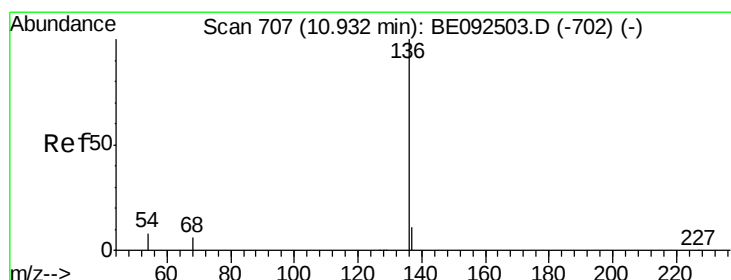
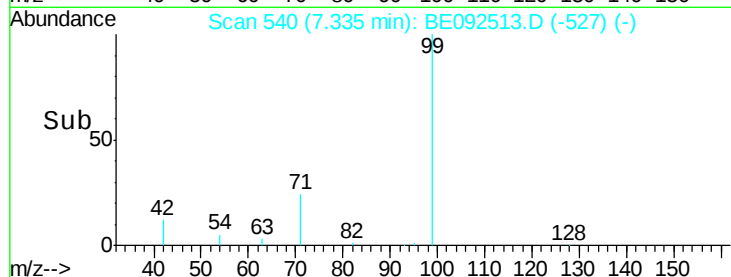
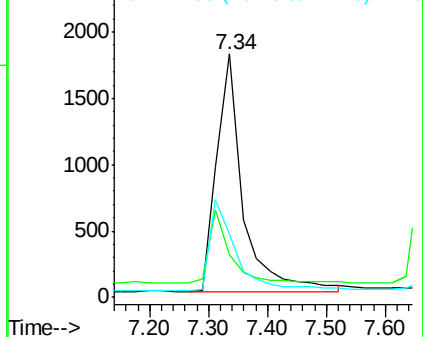
99 100

42 0.0 16.0 24.0#

71 0.0 30.6 45.8#



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: 5.00 ng

RT: 10.93 min Scan# 707

Delta R.T. 0.00 min

Lab File: BE092513.D

Acq: 8 Nov 2016 17:45

Tgt Ion: 136 Resp: 37748

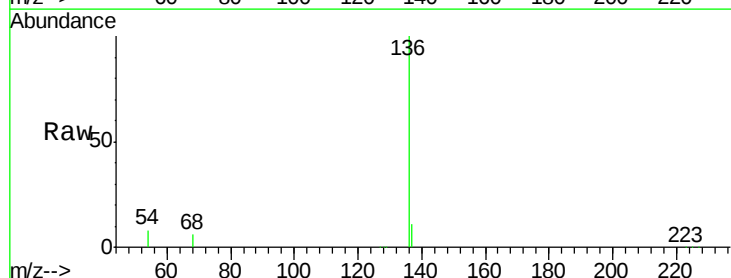
Ion Ratio Lower Upper

136 100

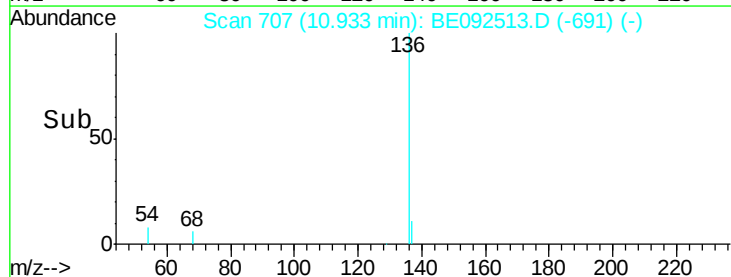
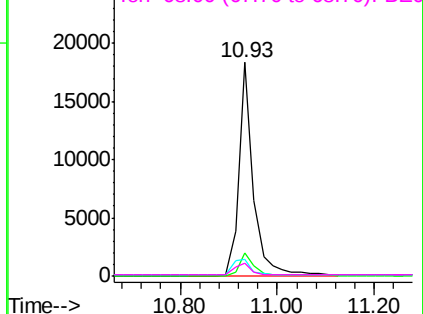
137 11.0 8.2 12.4

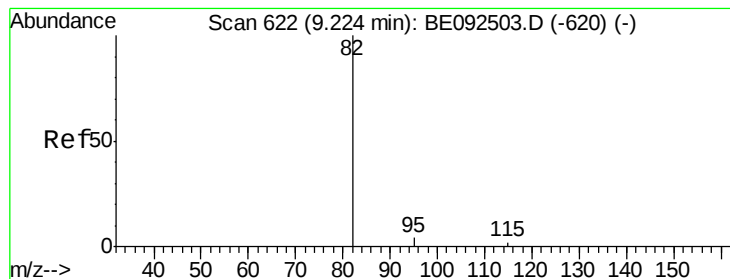
54 8.0 9.6 14.4#

68 6.0 6.7 10.1#



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: 4.98 ng

RT: 9.32 min Scan# 626

Delta R.T. -0.02 min

Lab File: BE092513.D

Acq: 8 Nov 2016 17:45

Instrument :

BNA_E

ClientSampleId :

KY038PS027-161031

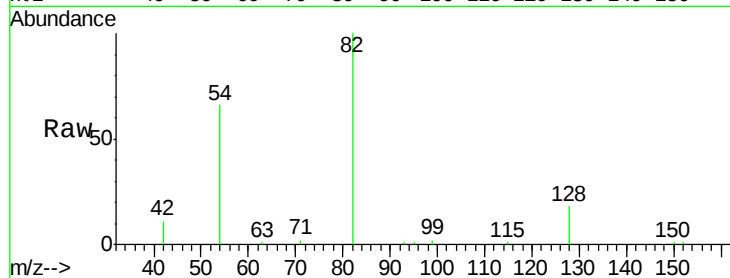
Tot Ion: 82 Resp: 12338

Ion Ratio Lower Upper

82 100

128 17.8 39.0 58.4#

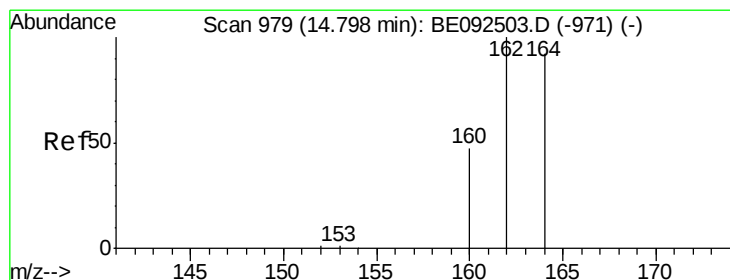
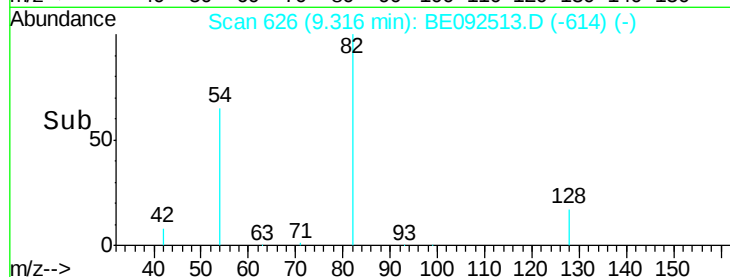
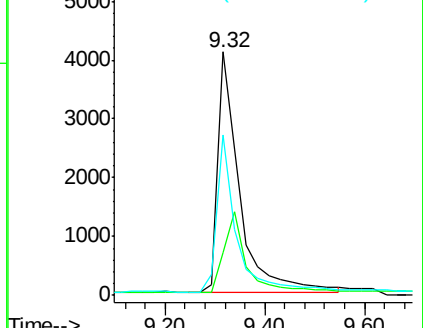
54 66.0 44.8 67.2



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



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.80 min Scan# 979

Delta R.T. -0.00 min

Lab File: BE092513.D

Acq: 8 Nov 2016 17:45

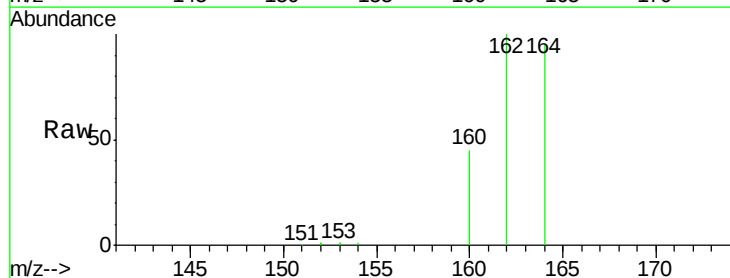
Tgt Ion: 164 Resp: 25581

Ion Ratio Lower Upper

164 100

162 105.6 71.4 107.0

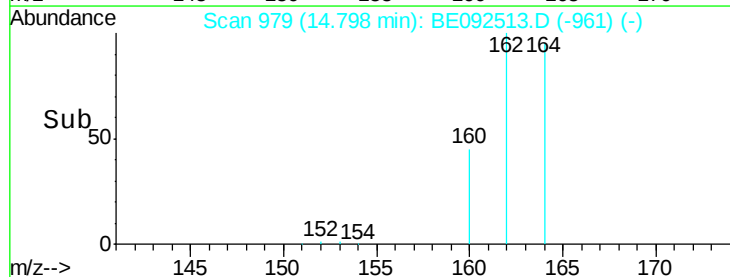
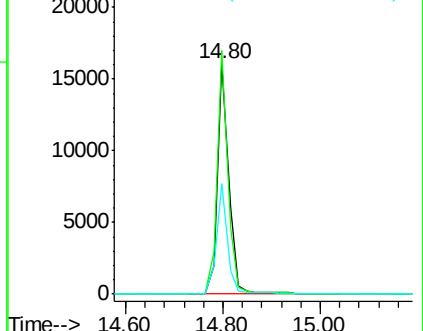
160 47.8 27.4 41.2#

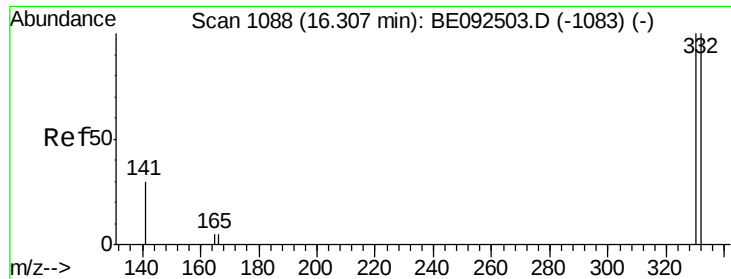


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

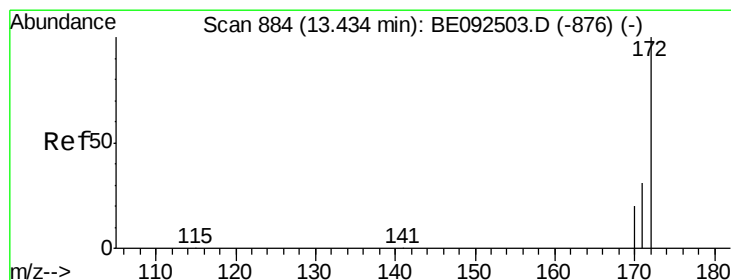
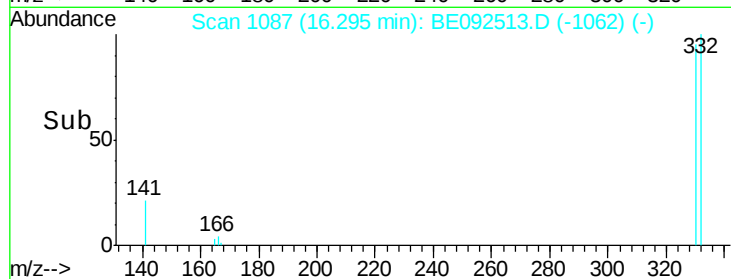
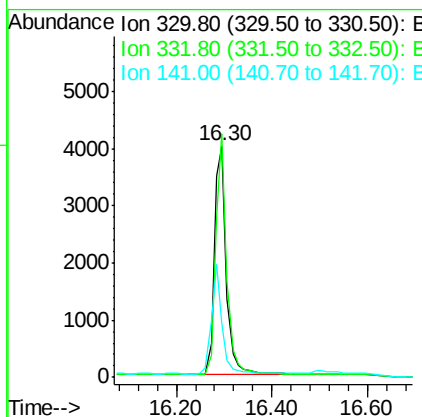
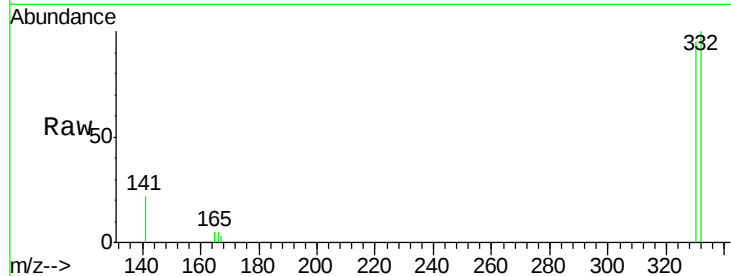




#13
 2,4,6-Tribromophenol
 Concen: 7.90 ng
 RT: 16.30 min Scan# 1087
 Delta R.T. -0.01 min
 Lab File: BE092513.D
 Acq: 8 Nov 2016 17:45

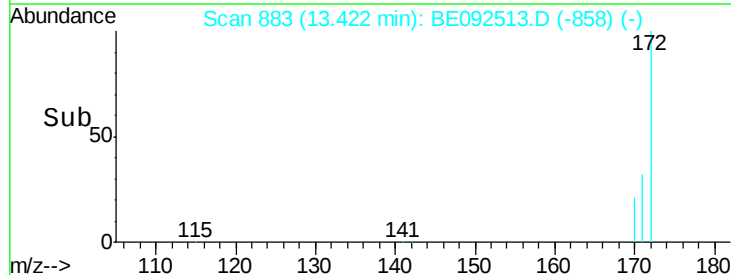
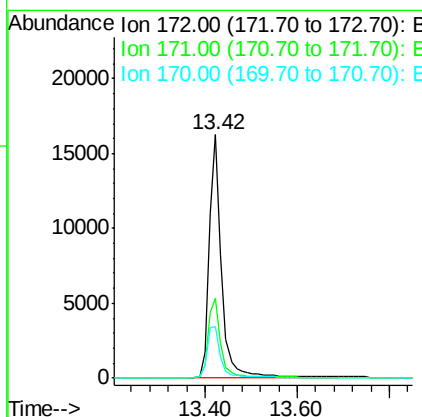
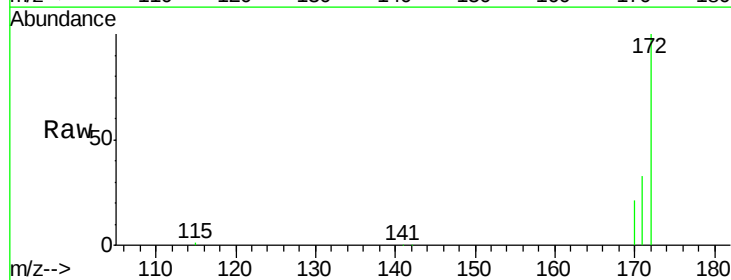
Instrument :
 BNA_E
 ClientSampleId :
 KY038PS027-161031

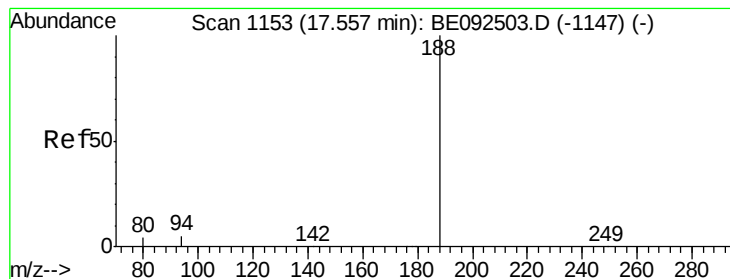
Tot Ion:330 Resp: 7223
 Ion Ratio Lower Upper
 330 100
 332 96.9 75.4 113.0
 141 41.8 31.0 46.6



#14
 2-Fluorobiphenyl
 Concen: 4.78 ng
 RT: 13.42 min Scan# 883
 Delta R.T. -0.01 min
 Lab File: BE092513.D
 Acq: 8 Nov 2016 17:45

Tgt Ion:172 Resp: 30236
 Ion Ratio Lower Upper
 172 100
 171 32.6 30.1 45.1
 170 21.1 21.8 32.6#





#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.56 min Scan# 1153

Delta R.T. -0.00 min

Lab File: BE092513.D

Acq: 8 Nov 2016 17:45

Instrument :

BNA_E

ClientSampleId :

KY038PS027-161031

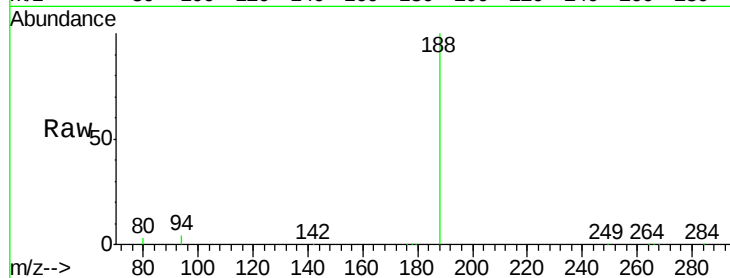
Tot Ion:188 Resp: 56919

Ion Ratio Lower Upper

188 100

94 3.9 3.2 4.8

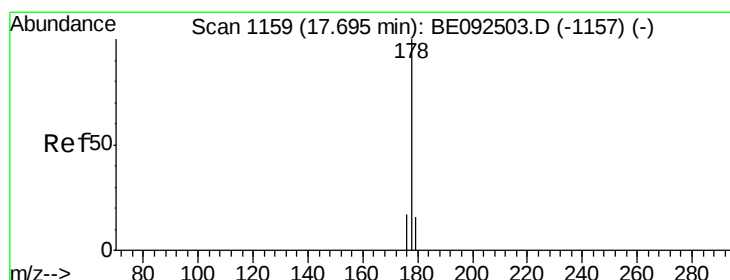
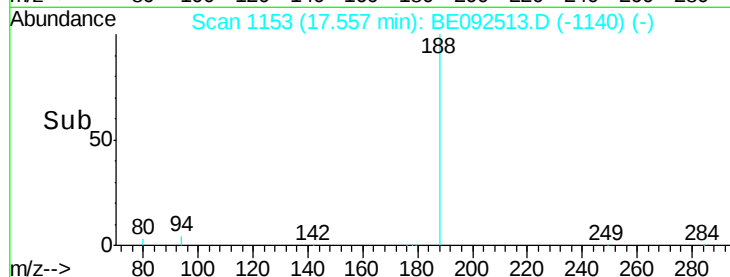
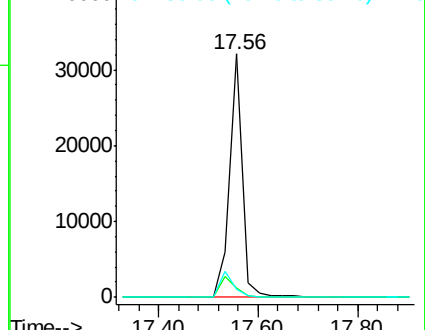
80 3.4 2.6 3.8



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

Anthracene

Concen: 0.03 ng

RT: 17.70 min Scan# 1159

Delta R.T. -0.00 min

Lab File: BE092513.D

Acq: 8 Nov 2016 17:45

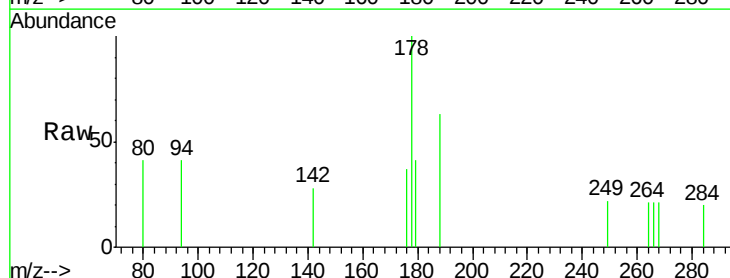
Tgt Ion:178 Resp: 401

Ion Ratio Lower Upper

178 100

176 17.0 15.0 22.4

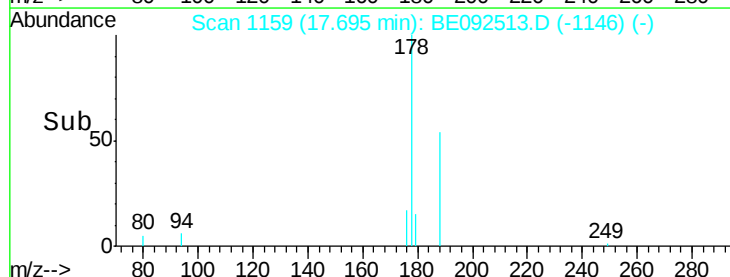
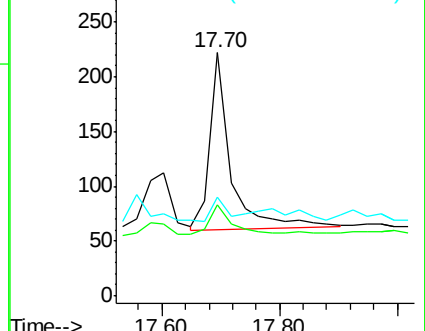
179 13.7 12.2 18.2

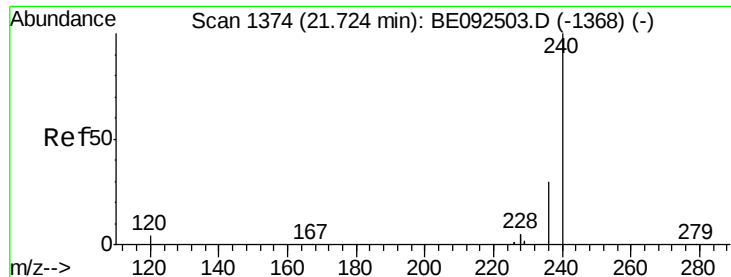


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

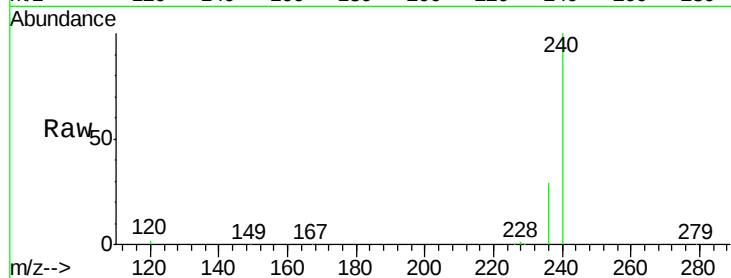




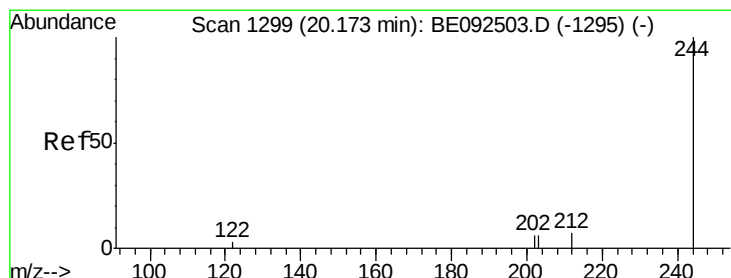
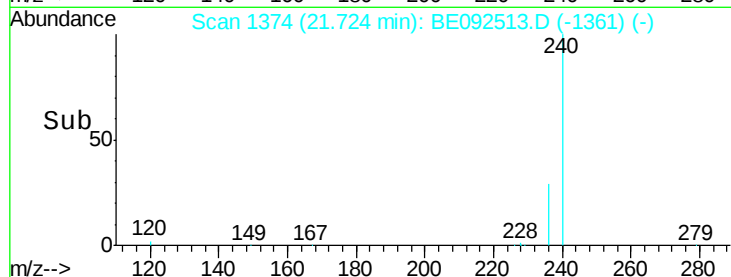
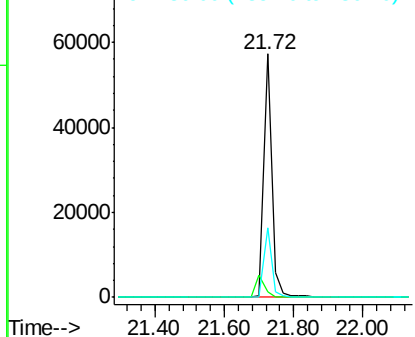
#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.72 min Scan# 1374
Delta R.T. 0.00 min
Lab File: BE092513.D
Acq: 8 Nov 2016 17:45

Instrument :
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ClientSampleId :
KY038PS027-161031

Tot Ion:240 Resp: 89164
Ion Ratio Lower Upper
240 100
120 2.4 2.6 4.0#
236 28.8 24.6 37.0

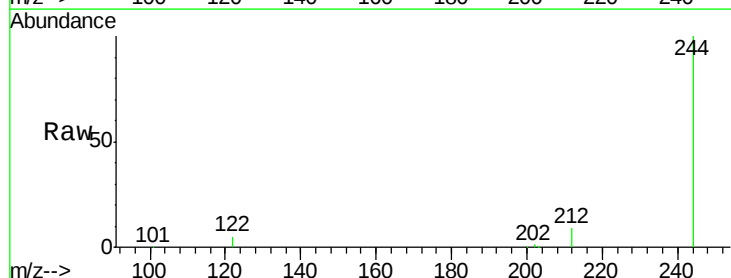


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

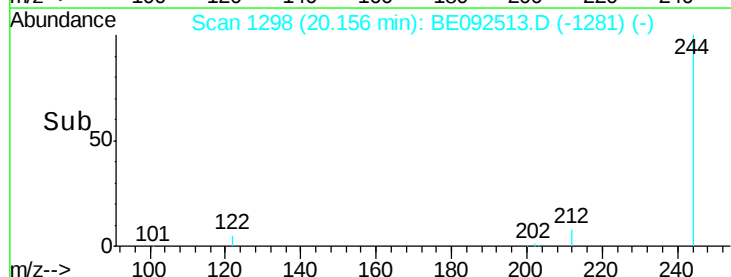
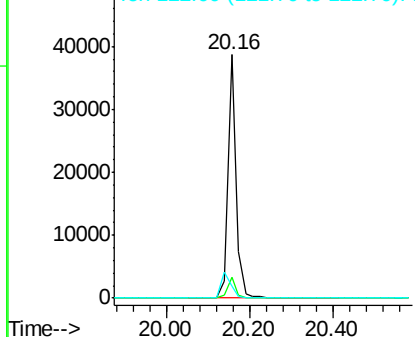


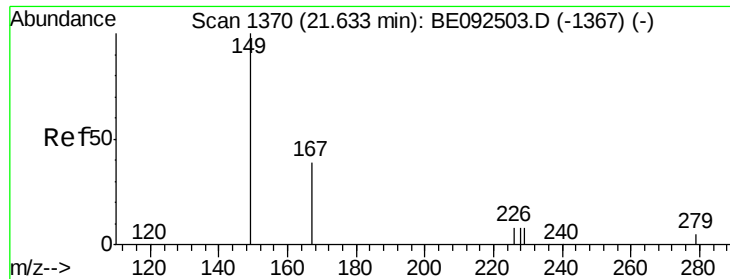
#26
Terphenyl-d14
Concen: 4.73 ng
RT: 20.16 min Scan# 1298
Delta R.T. -0.02 min
Lab File: BE092513.D
Acq: 8 Nov 2016 17:45

Tgt Ion:244 Resp: 51273
Ion Ratio Lower Upper
244 100
212 8.6 6.7 10.1
122 5.1 3.6 5.4



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





#29

Bis(2-ethylhexyl)phthalate

Concen: 0.20 ng

RT: 21.61 min Scan# 1369

Delta R.T. -0.02 min

Lab File: BE092513.D

Acq: 8 Nov 2016 17:45

Instrument :

BNA_E

ClientSampleId :

KY038PS027-161031

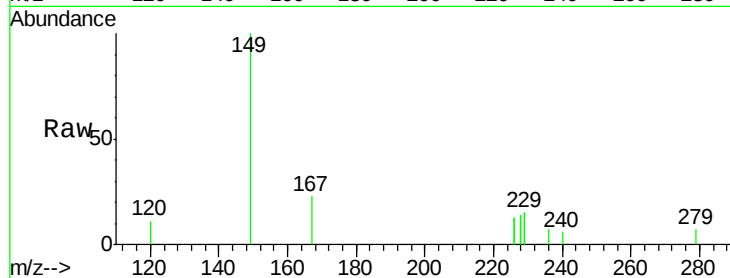
Tot Ion:149 Resp: 1532

Ion Ratio Lower Upper

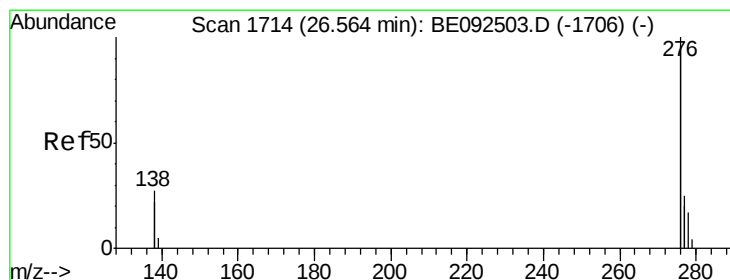
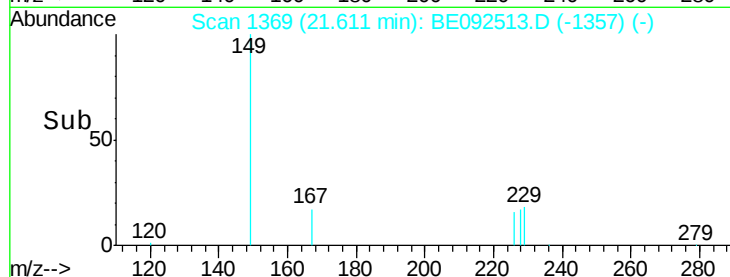
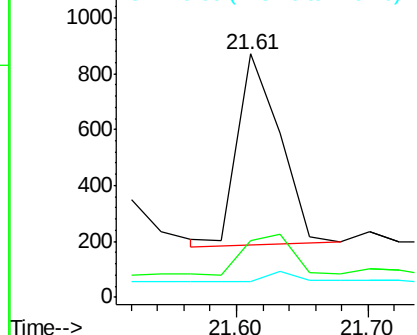
149 100

167 0.0 16.0 24.0#

279 0.0 16.0 24.0#



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



#30

Indeno(1,2,3-cd)pyrene

Concen: 0.02 ng

RT: 26.58 min Scan# 1715

Delta R.T. 0.02 min

Lab File: BE092513.D

Acq: 8 Nov 2016 17:45

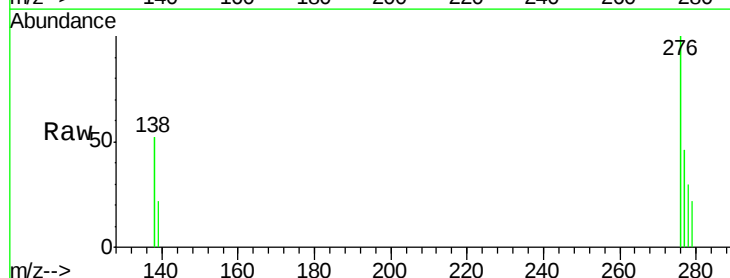
Tgt Ion:276 Resp: 2282

Ion Ratio Lower Upper

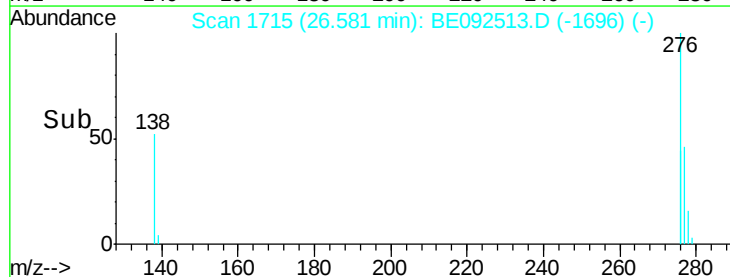
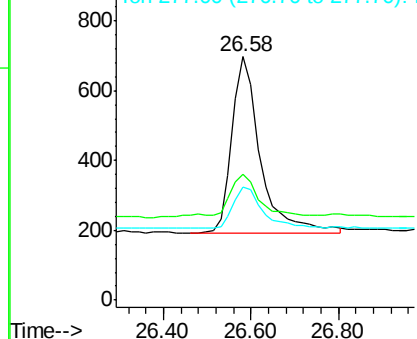
276 100

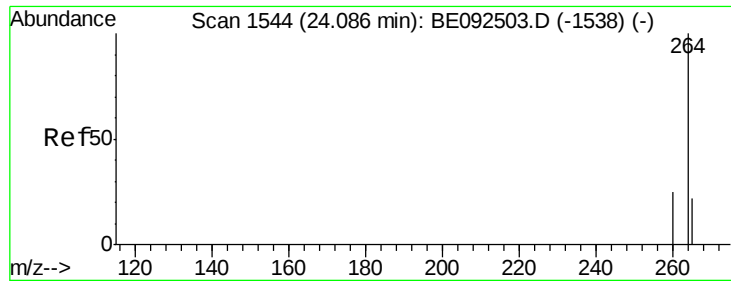
138 22.6 20.3 30.5

277 24.4 19.7 29.5



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

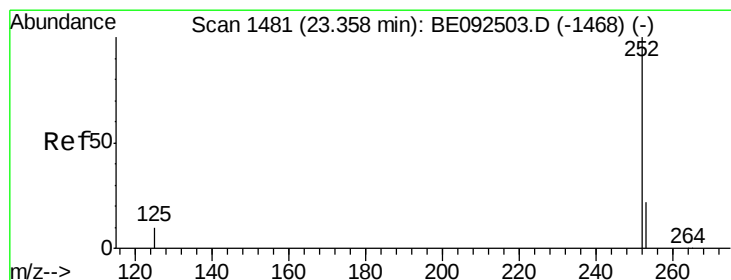
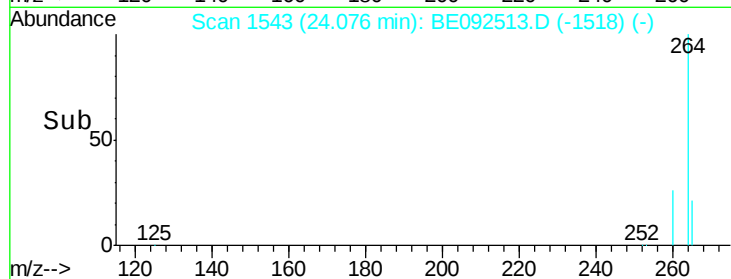
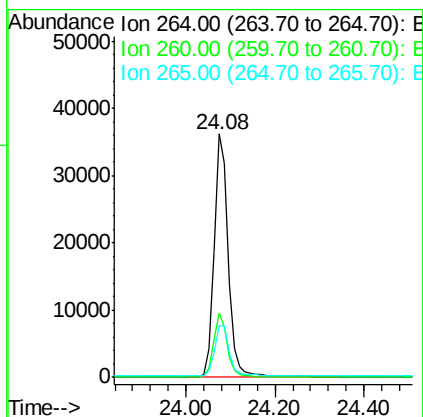
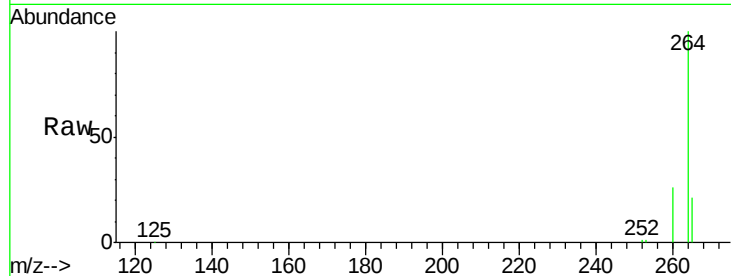




#31
Pervlene-d12
Concen: 5.00 ng
RT: 24.08 min Scan# 1543
Delta R.T. -0.01 min
Lab File: BE092513.D
Acq: 8 Nov 2016 17:45

Instrument :
BNA_E
ClientSampleId :
KY038PS027-161031

Tot Ion:264 Resp: 79600
Ion Ratio Lower Upper
264 100
260 26.3 20.1 30.1
265 21.2 17.9 26.9



#32
Benzo(b)fluoranthene
Concen: 0.02 ng
RT: 23.36 min Scan# 1481
Delta R.T. 0.00 min
Lab File: BE092513.D
Acq: 8 Nov 2016 17:45

Tgt Ion:252 Resp: 4660
Ion Ratio Lower Upper
252 100
253 27.0 18.7 28.1
125 14.1 10.5 15.7

