

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE021017\
 Data File : BE092723.D
 Acq On : 10 Feb 2017 16:05
 Operator : SJ/MA
 Sample : I1744-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 KY038PS033-170206

Quant Time: Feb 10 16:58:45 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE011617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 17 10:14:01 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	9631	5.00	ng	-0.02
7) Naphthalene-d8	10.89	136	39695	5.00	ng	-0.02
12) Acenaphthene-d10	14.78	164	24379	5.00	ng	0.00
18) Phenanthrene-d10	17.53	188	46775	5.00	ng	0.00
24) Chrysene-d12	21.70	240	66809	5.00	ng	-0.02
31) Perylene-d12	24.04	264	62789	5.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.62	112	8696	4.04	ng	-0.03
5) Phenol-d6	7.29	99	6083	2.31	ng	-0.05
8) Nitrobenzene-d5	9.29	82	14255	5.53	ng	-0.05
13) 2,4,6-Tribromophenol	16.27	330	6836	9.47	ng	-0.02
14) 2-Fluorobiphenyl	13.40	172	33803	5.64	ng	-0.02
26) Terphenyl-d14	20.14	244	42759	4.53	ng	-0.02

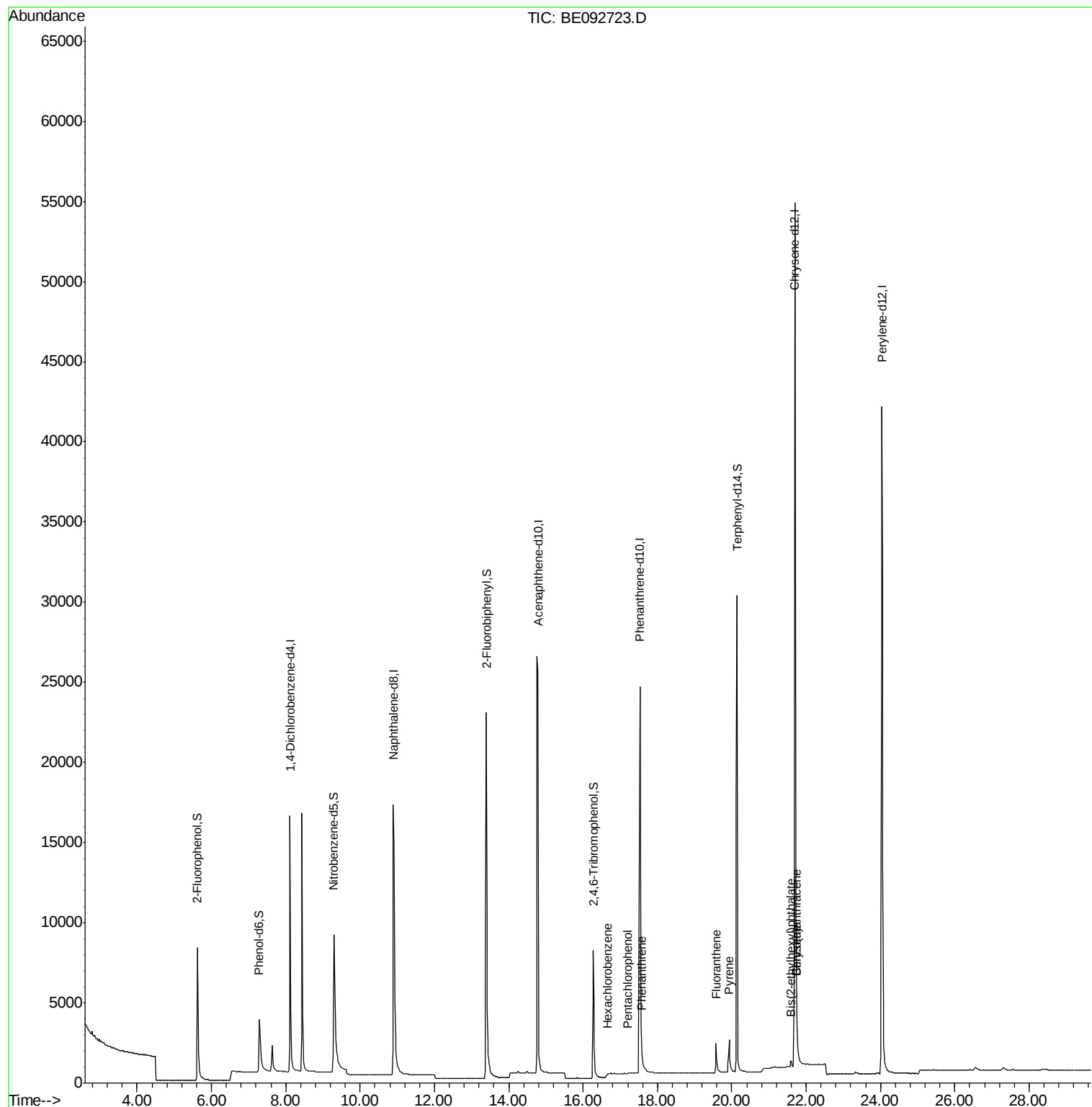
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.36	88	78	Below Cal	#	65
19) Hexachlorobenzene	16.66	284	478	0.23	ng	# 39
20) Pentachlorophenol	17.21	266	14	0.03	ng	# 72
21) Phenanthrene	17.58	178	509	0.05	ng	# 72
23) Fluoranthene	19.58	202	3527	0.08	ng	100
25) Pyrene	19.93	202	3214	0.05	ng	97
27) Benzo(a)anthracene	21.75	228	5317	0.08	ng	# 71
28) Chrysene	21.75	228	5417	0.07	ng	# 77
29) Bis(2-ethylhexyl)phthalate	21.59	149	882	0.27	ng	# 56

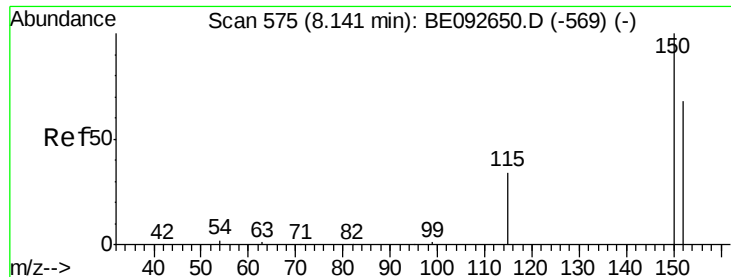
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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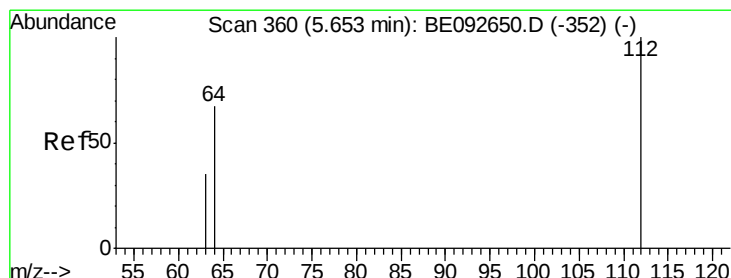
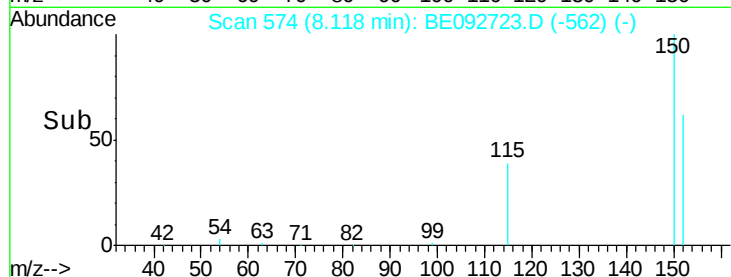
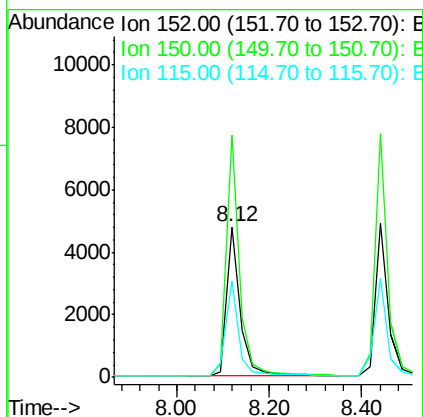
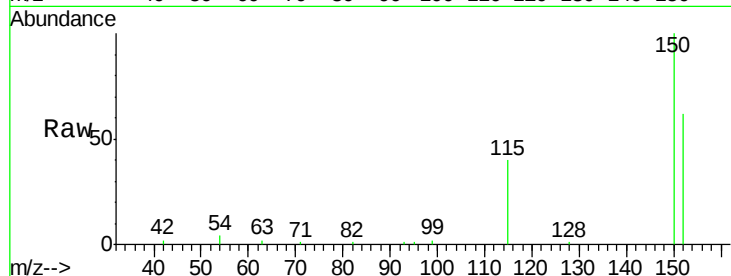




#1
 1,4-Dichlorobenzene-d4
 Concen: 5.00 ng
 RT: 8.12 min Scan# 574
 Delta R.T. -0.02 min
 Lab File: BE092723.D
 Acq: 10 Feb 2017 16:05

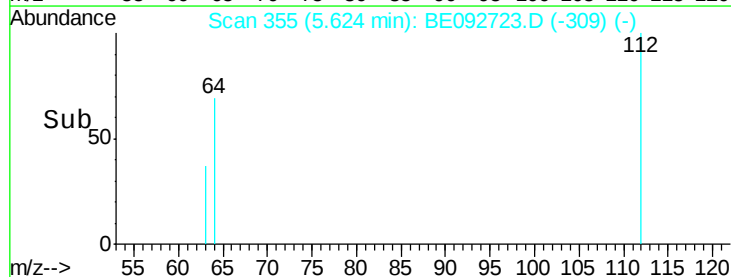
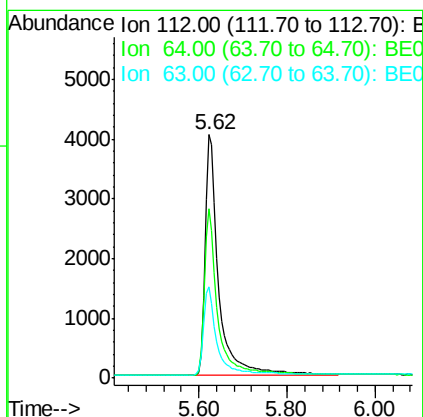
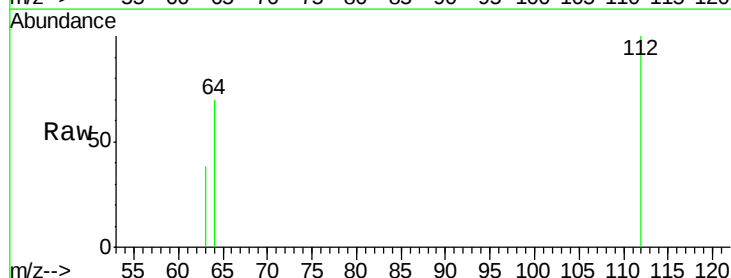
Instrument :
 BNA_E
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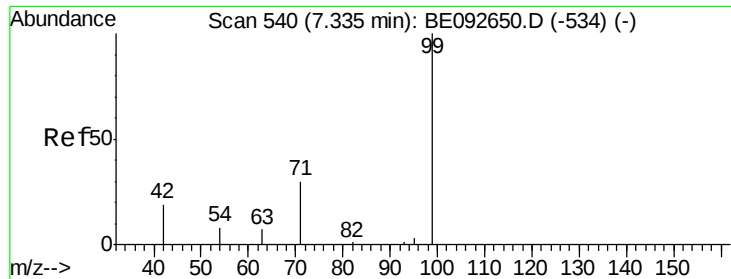
Tgt Ion:152 Resp: 9631
 Ion Ratio Lower Upper
 152 100
 150 161.6 106.0 159.0#
 115 64.0 31.2 46.8#



#4
 2-Fluorophenol
 Concen: 4.04 ng
 RT: 5.62 min Scan# 355
 Delta R.T. -0.03 min
 Lab File: BE092723.D
 Acq: 10 Feb 2017 16:05

Tgt Ion:112 Resp: 8696
 Ion Ratio Lower Upper
 112 100
 64 67.9 53.5 80.3
 63 36.0 27.9 41.9





#5

Phenol-d6

Concen: 2.31 ng

RT: 7.29 min Scan# 538

Delta R.T. -0.05 min

Lab File: BE092723.D

Acq: 10 Feb 2017 16:05

Instrument :

BNA_E

ClientSampleId :

KY038PS033-170206

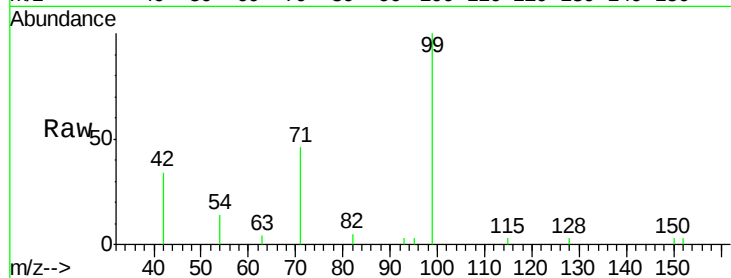
Tgt Ion: 99 Resp: 6083

Ion Ratio Lower Upper

99 100

42 24.1 16.0 24.0#

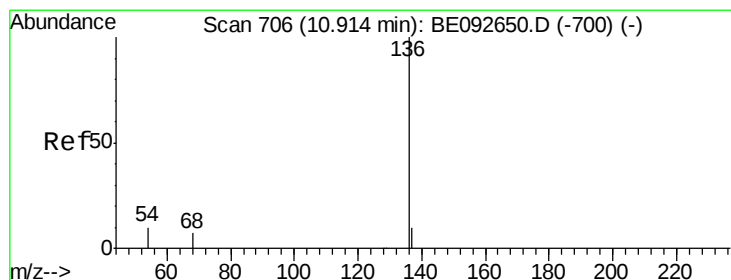
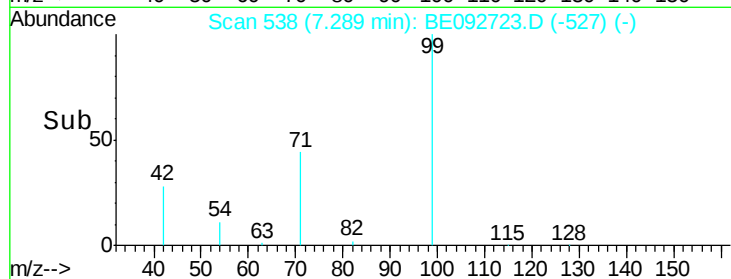
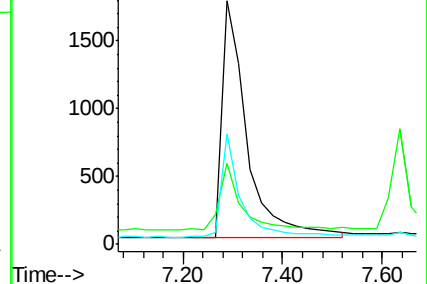
71 34.6 30.6 45.8



Abundance Ion 99.00 (98.70 to 99.70): BE092650.D (-534) (-)

Ion 42.00 (41.70 to 42.70): BE092650.D (-534) (-)

Ion 71.00 (70.70 to 71.70): BE092650.D (-534) (-)



#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.89 min Scan# 705

Delta R.T. -0.02 min

Lab File: BE092723.D

Acq: 10 Feb 2017 16:05

Tgt Ion: 136 Resp: 39695

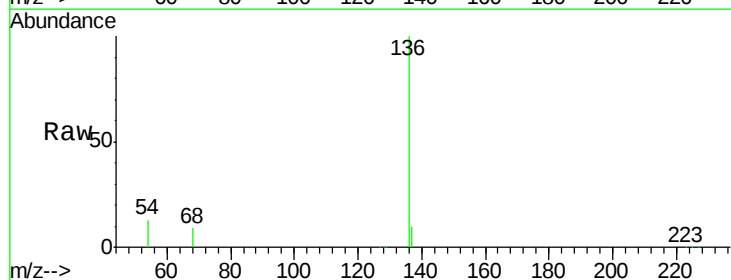
Ion Ratio Lower Upper

136 100

137 10.2 8.2 12.4

54 13.2 9.6 14.4

68 8.9 6.7 10.1

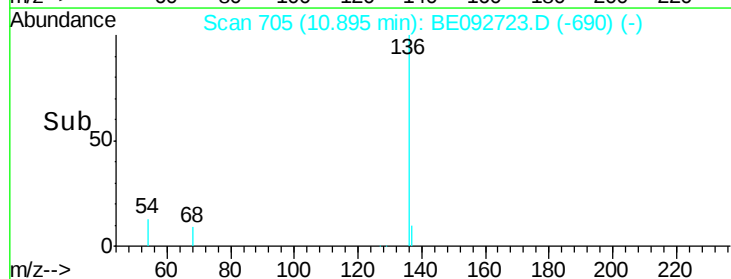
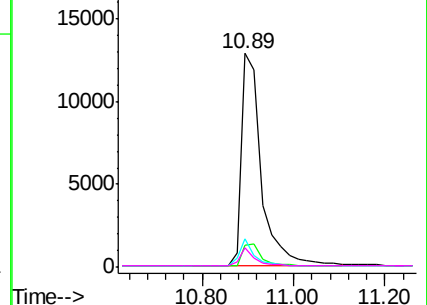


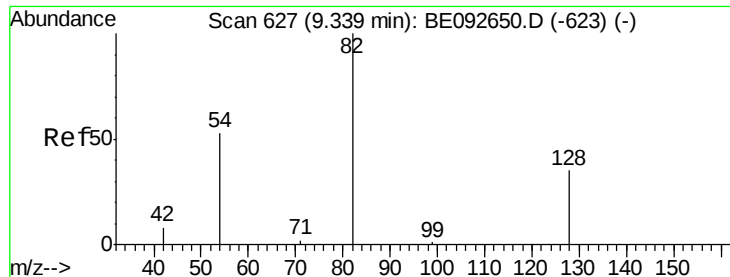
Abundance Ion 136.00 (135.70 to 136.70): BE092650.D (-700) (-)

Ion 137.00 (136.70 to 137.70): BE092650.D (-700) (-)

Ion 54.00 (53.70 to 54.70): BE092650.D (-700) (-)

Ion 68.00 (67.70 to 68.70): BE092650.D (-700) (-)





#8

Nitrobenzene-d5

Concen: 5.53 ng

RT: 9.29 min Scan# 625

Delta R.T. -0.05 min

Lab File: BE092723.D

Acq: 10 Feb 2017 16:05

Instrument :

BNA_E

ClientSampleId :

KY038PS033-170206

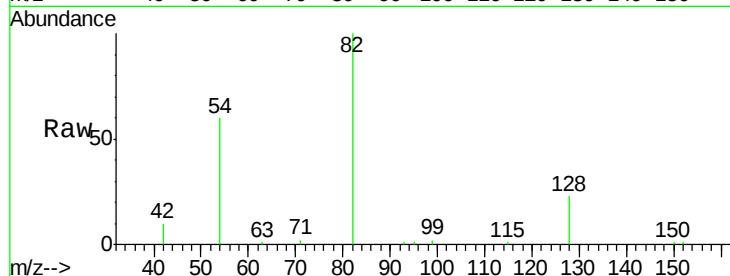
Tgt Ion: 82 Resp: 14255

Ion Ratio Lower Upper

82 100

128 23.1 39.0 58.4#

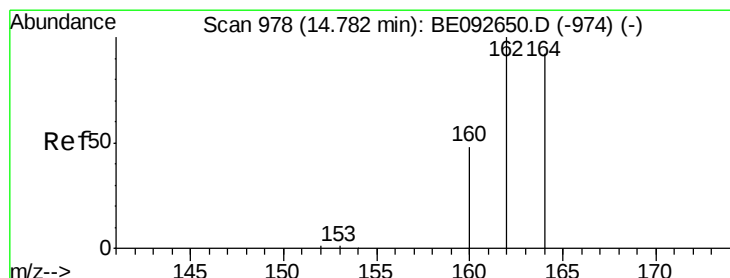
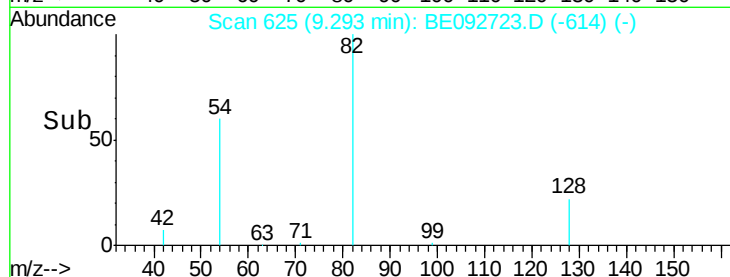
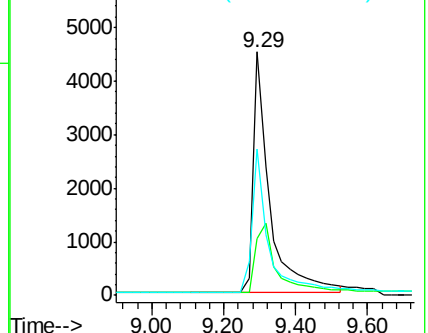
54 60.1 44.8 67.2



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: 14.78 min Scan# 978

Delta R.T. 0.00 min

Lab File: BE092723.D

Acq: 10 Feb 2017 16:05

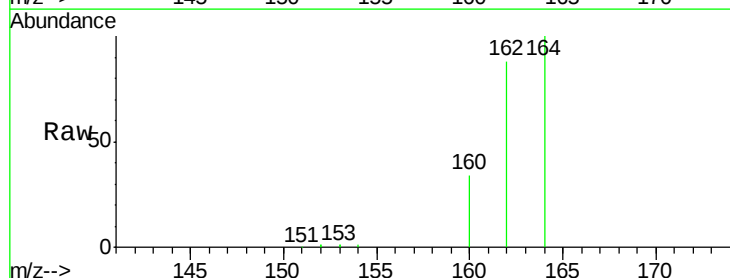
Tgt Ion: 164 Resp: 24379

Ion Ratio Lower Upper

164 100

162 87.7 71.4 107.0

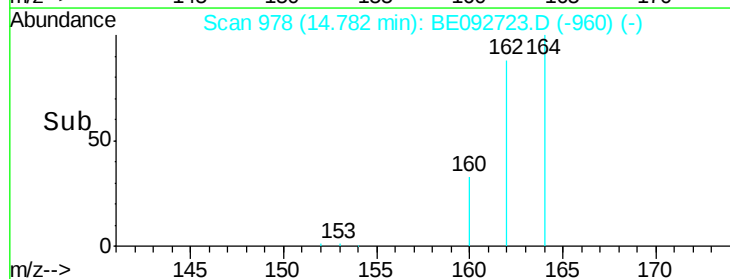
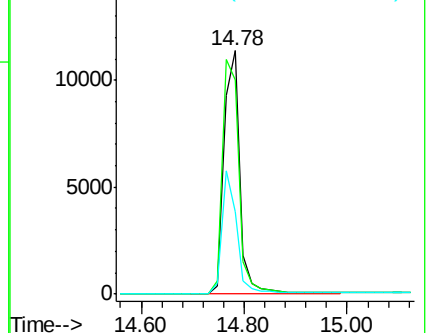
160 33.8 27.4 41.2

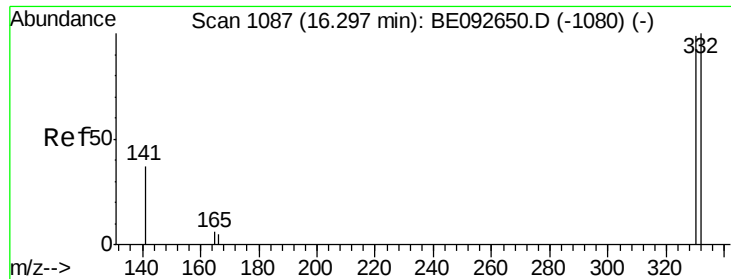


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

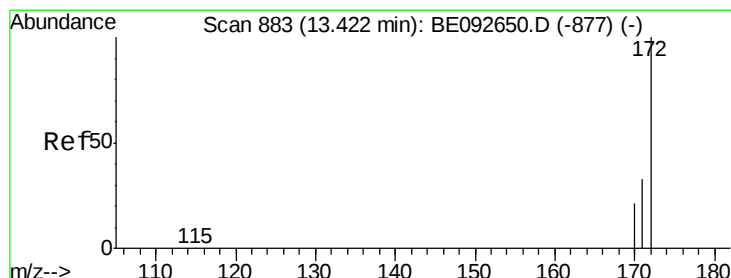
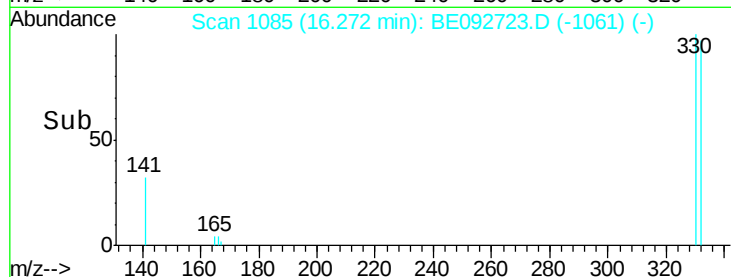
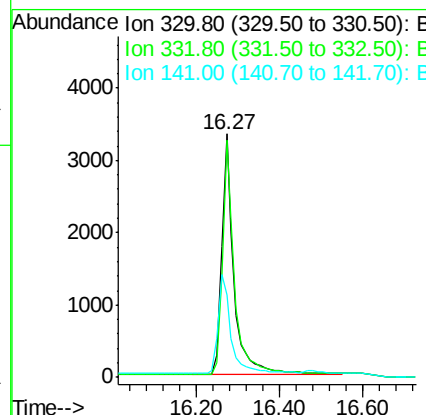
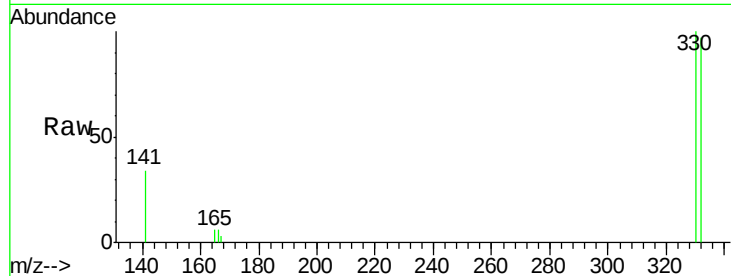




#13
 2,4,6-Tribromophenol
 Concen: 9.47 ng
 RT: 16.27 min Scan# 1085
 Delta R.T. -0.02 min
 Lab File: BE092723.D
 Acq: 10 Feb 2017 16:05

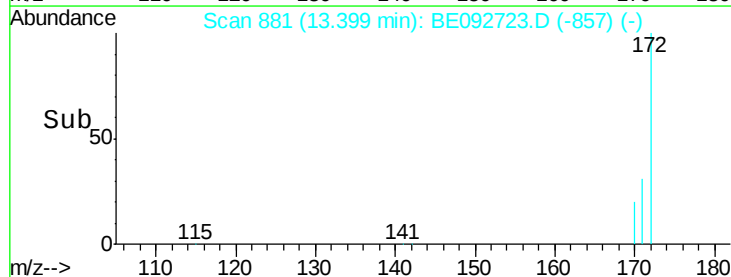
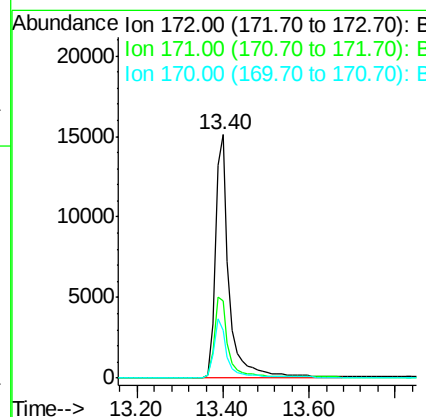
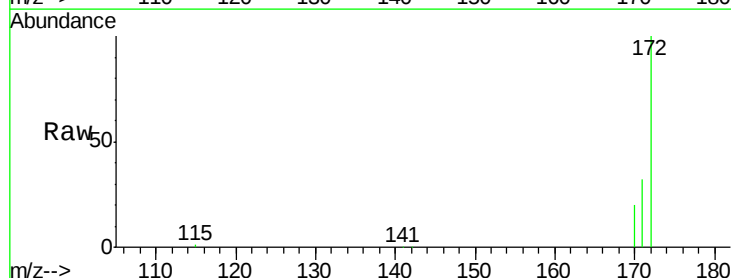
Instrument :
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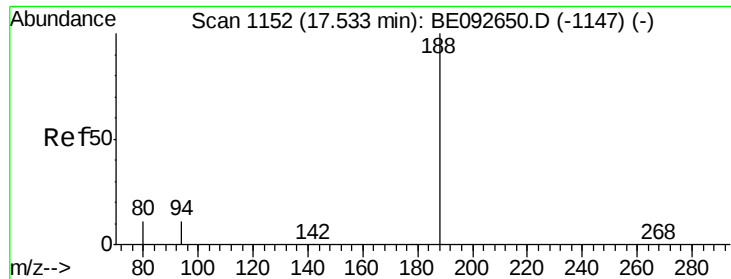
Tgt Ion:330 Resp: 6836
 Ion Ratio Lower Upper
 330 100
 332 96.7 75.4 113.0
 141 43.0 31.0 46.6



#14
 2-Fluorobiphenyl
 Concen: 5.64 ng
 RT: 13.40 min Scan# 881
 Delta R.T. -0.02 min
 Lab File: BE092723.D
 Acq: 10 Feb 2017 16:05

Tgt Ion:172 Resp: 33803
 Ion Ratio Lower Upper
 172 100
 171 31.6 30.1 45.1
 170 19.8 21.8 32.6#





#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.53 min Scan# 1152

Delta R.T. 0.00 min

Lab File: BE092723.D

Acq: 10 Feb 2017 16:05

Instrument :

BNA_E

ClientSampleId :

KY038PS033-170206

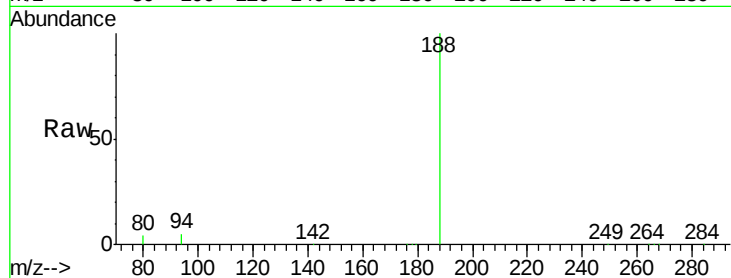
Tgt Ion:188 Resp: 46775

Ion Ratio Lower Upper

188 100

94 4.8 3.2 4.8

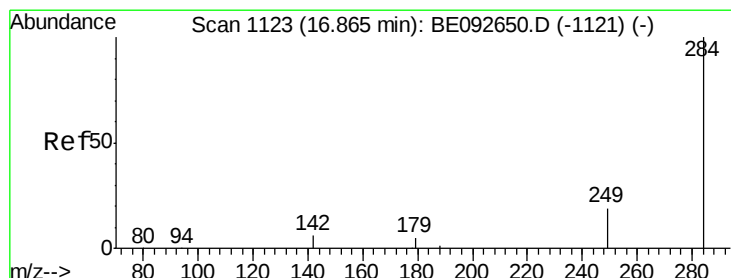
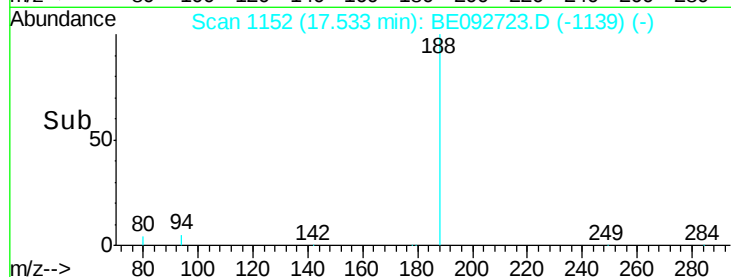
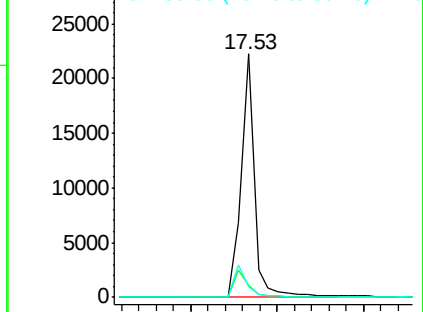
80 4.2 2.6 3.8#



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



#19

Hexachlorobenzene

Concen: 0.23 ng

RT: 16.66 min Scan# 1114

Delta R.T. -0.21 min

Lab File: BE092723.D

Acq: 10 Feb 2017 16:05

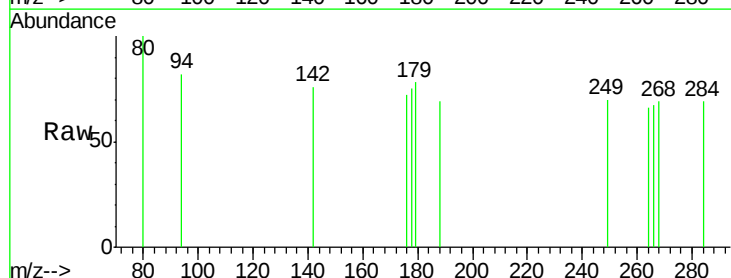
Tgt Ion:284 Resp: 478

Ion Ratio Lower Upper

284 100

142 0.0 29.1 43.7#

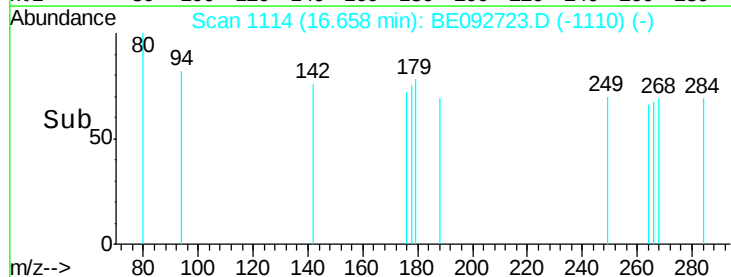
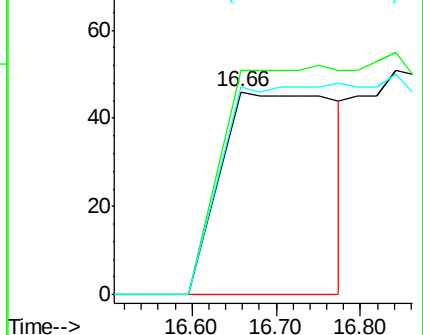
249 0.0 27.9 41.9#

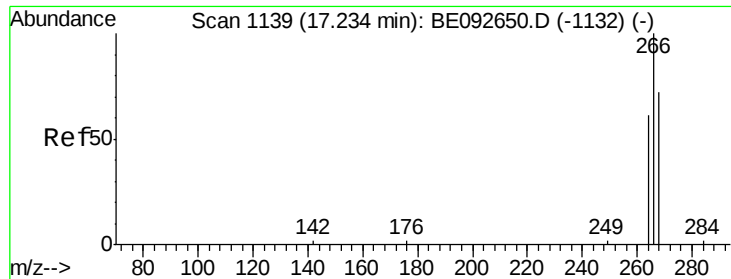


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#20

Pentachlorophenol

Concen: 0.03 ng

RT: 17.21 min Scan# 1138

Delta R.T. -0.02 min

Lab File: BE092723.D

Acq: 10 Feb 2017 16:05

Instrument :

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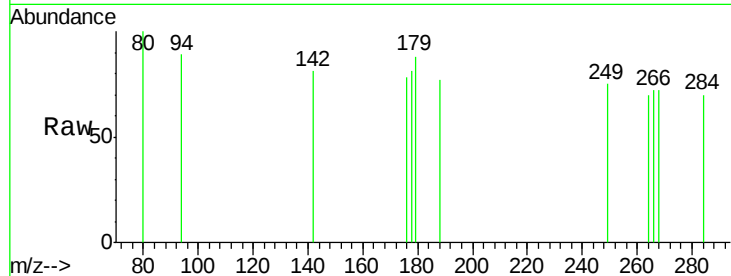
Tgt Ion:266 Resp: 14

Ion Ratio Lower Upper

266 100

268 100.0 62.5 93.7#

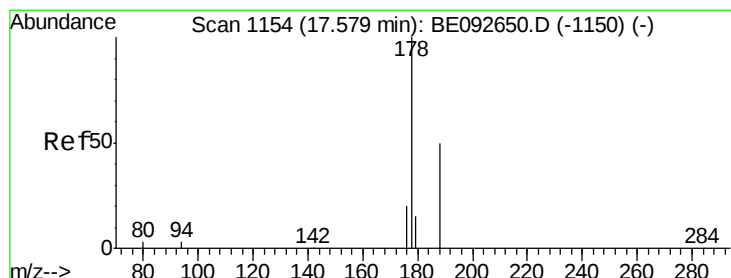
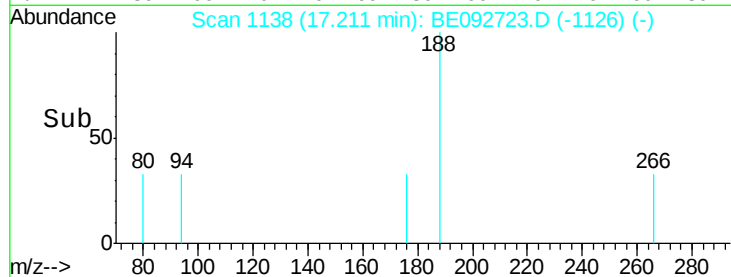
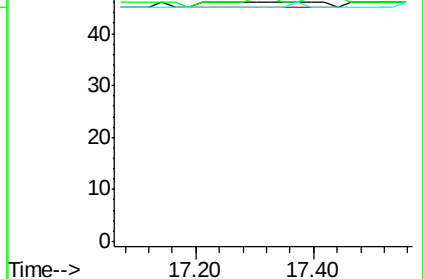
264 97.8 57.2 85.8#



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#21

Phenanthrene

Concen: 0.05 ng

RT: 17.58 min Scan# 1154

Delta R.T. 0.00 min

Lab File: BE092723.D

Acq: 10 Feb 2017 16:05

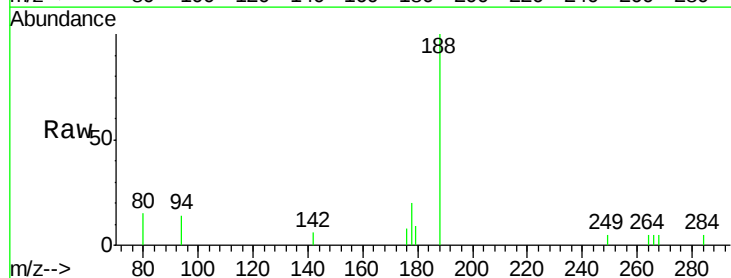
Tgt Ion:178 Resp: 509

Ion Ratio Lower Upper

178 100

176 0.0 15.8 23.8#

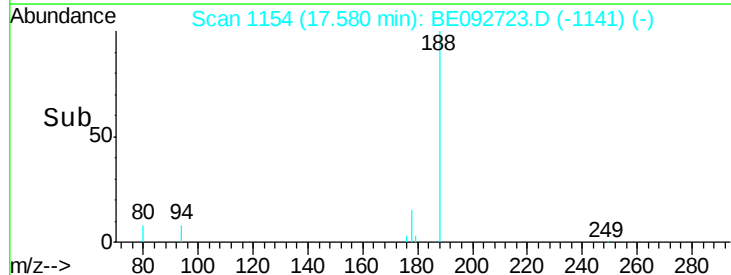
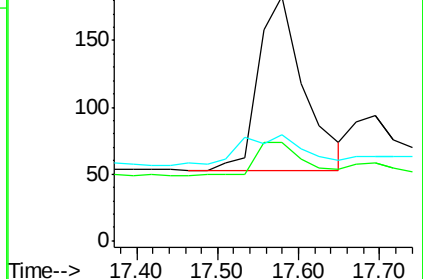
179 25.5 16.0 24.0#

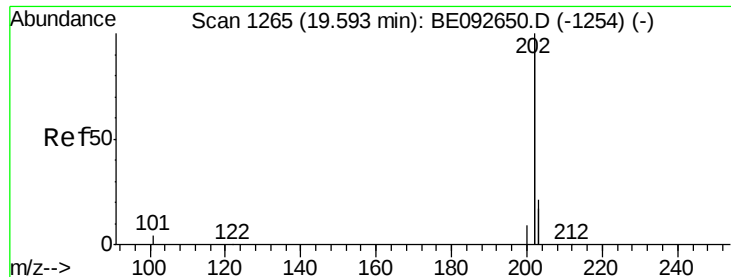


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

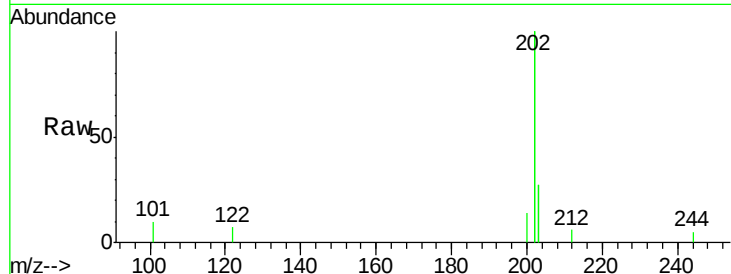




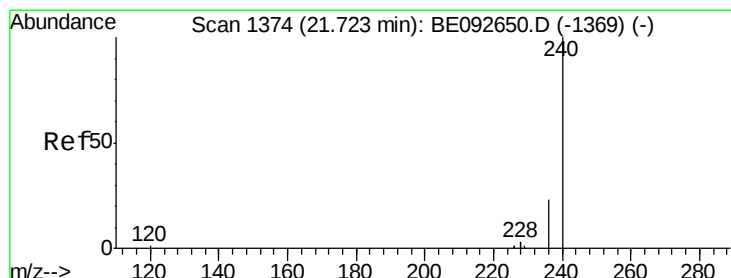
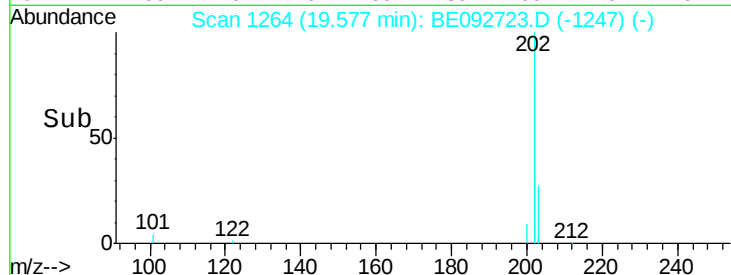
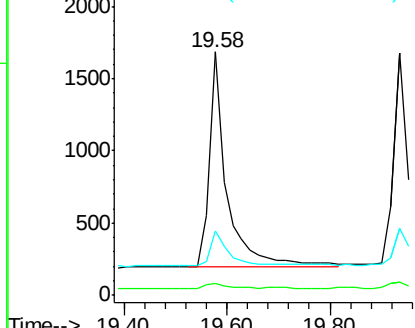
#23
Fluoranthene
Concen: 0.08 ng
RT: 19.58 min Scan# 1264
Delta R.T. -0.02 min
Lab File: BE092723.D
Acq: 10 Feb 2017 16:05

Instrument :
BNA_E
ClientSampleId :
KY038PS033-170206

Tgt Ion: 202 Resp: 3527
Ion Ratio Lower Upper
202 100
101 2.7 2.2 3.4
203 17.0 13.7 20.5

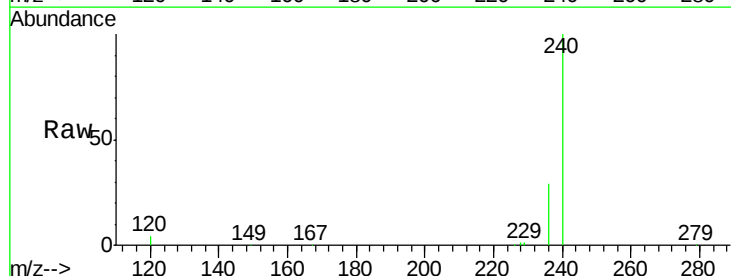


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

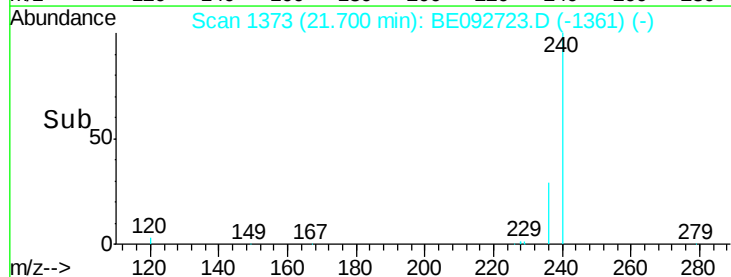
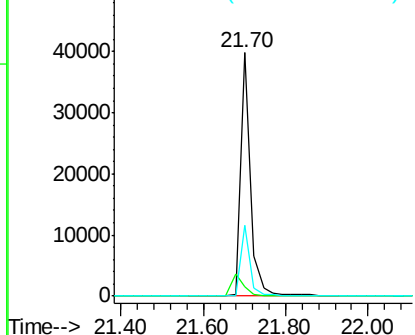


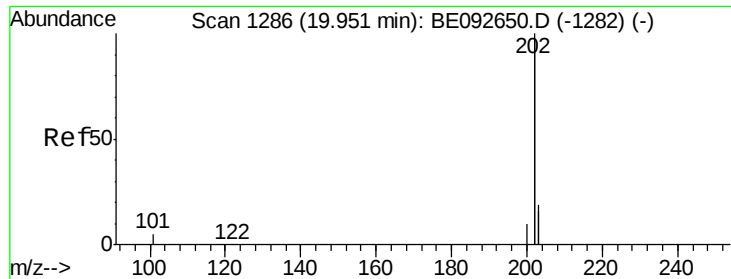
#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.70 min Scan# 1373
Delta R.T. -0.02 min
Lab File: BE092723.D
Acq: 10 Feb 2017 16:05

Tgt Ion: 240 Resp: 66809
Ion Ratio Lower Upper
240 100
120 3.6 2.6 4.0
236 29.3 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





#25

Pyrene

Concen: 0.05 ng

RT: 19.93 min Scan# 1285

Delta R.T. -0.02 min

Lab File: BE092723.D

Acq: 10 Feb 2017 16:05

Instrument :

BNA_E

ClientSampleId :

KY038PS033-170206

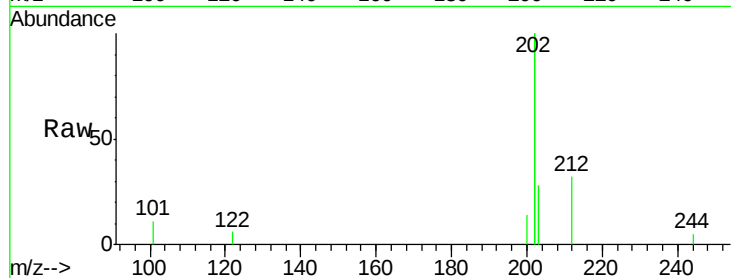
Tgt Ion:202 Resp: 3214

Ion Ratio Lower Upper

202 100

200 5.5 4.2 6.4

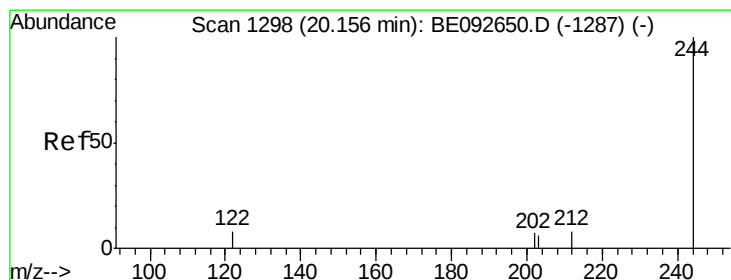
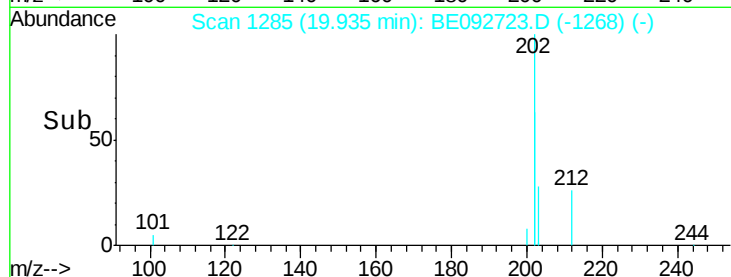
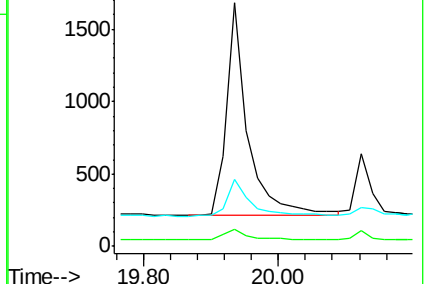
203 18.9 13.9 20.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#26

Terphenyl-d14

Concen: 4.53 ng

RT: 20.14 min Scan# 1297

Delta R.T. -0.02 min

Lab File: BE092723.D

Acq: 10 Feb 2017 16:05

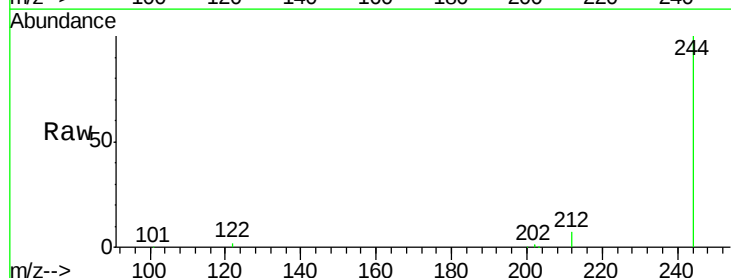
Tgt Ion:244 Resp: 42759

Ion Ratio Lower Upper

244 100

212 7.4 6.7 10.1

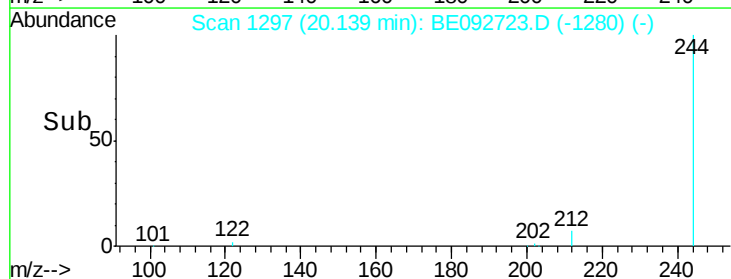
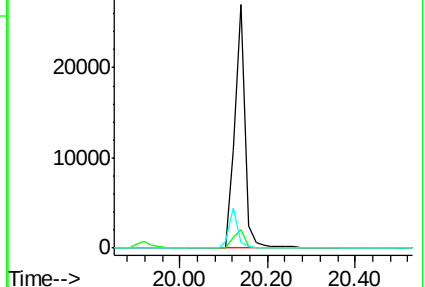
122 2.4 3.6 5.4#

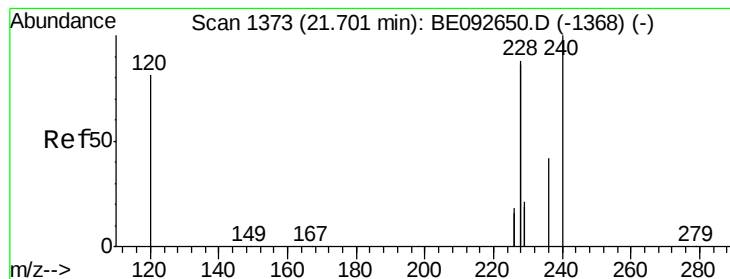


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#27

Benzo(a)anthracene

Concen: 0.08 ng

RT: 21.75 min Scan# 1375

Delta R.T. 0.04 min

Lab File: BE092723.D

Acq: 10 Feb 2017 16:05

Instrument :

BNA_E

ClientSampleId :

KY038PS033-170206

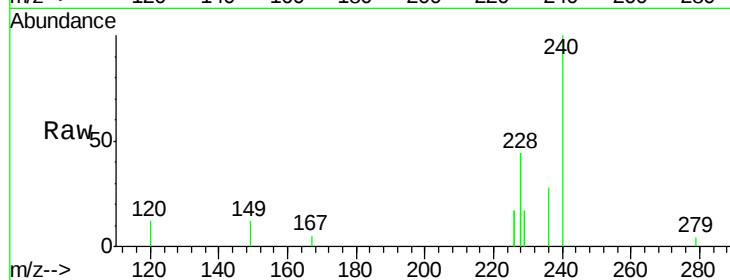
Tgt Ion:228 Resp: 5317

Ion Ratio Lower Upper

228 100

226 38.2 23.6 35.4#

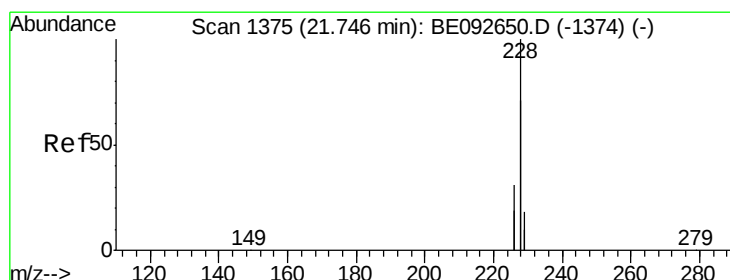
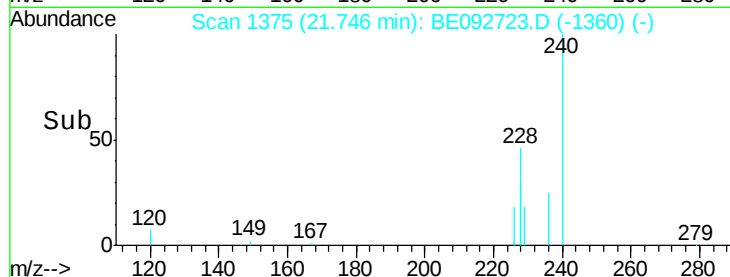
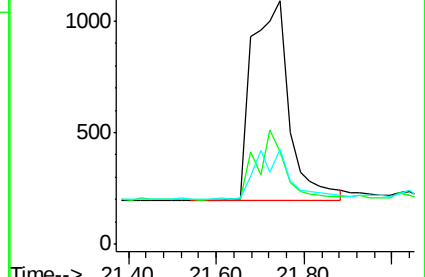
229 39.1 13.3 19.9#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#28

Chrysene

Concen: 0.07 ng

RT: 21.75 min Scan# 1375

Delta R.T. -0.00 min

Lab File: BE092723.D

Acq: 10 Feb 2017 16:05

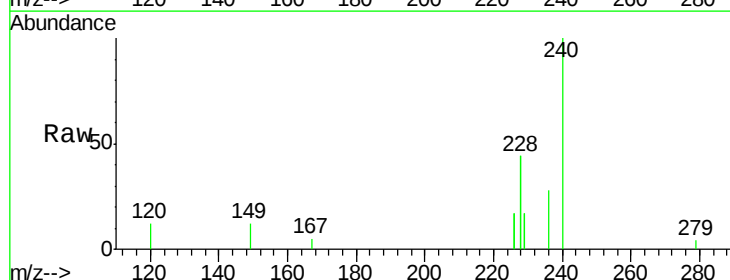
Tgt Ion:228 Resp: 5417

Ion Ratio Lower Upper

228 100

226 38.2 36.3 54.5

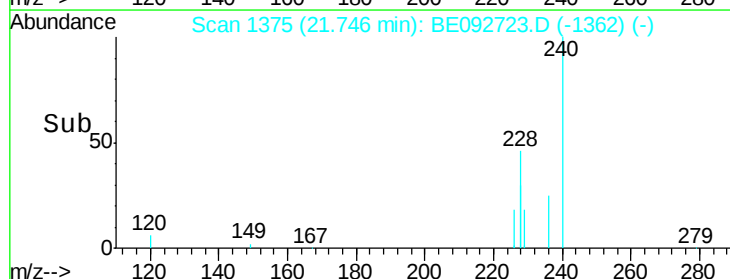
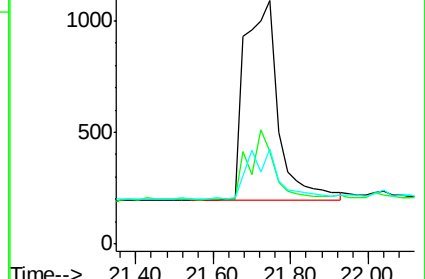
229 39.1 10.6 16.0#

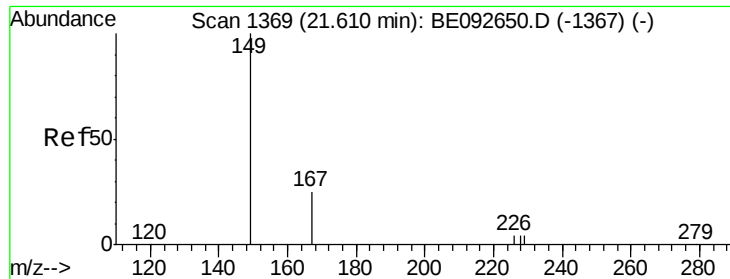


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

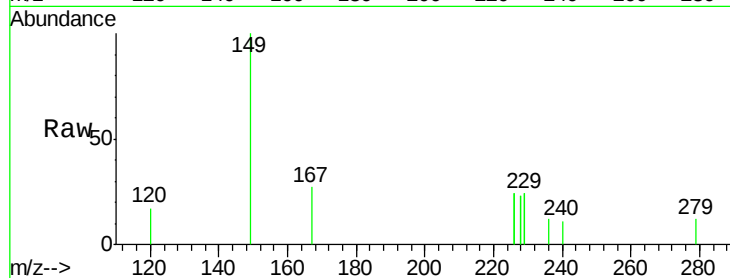




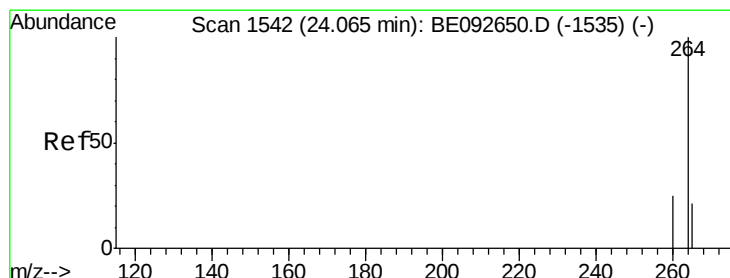
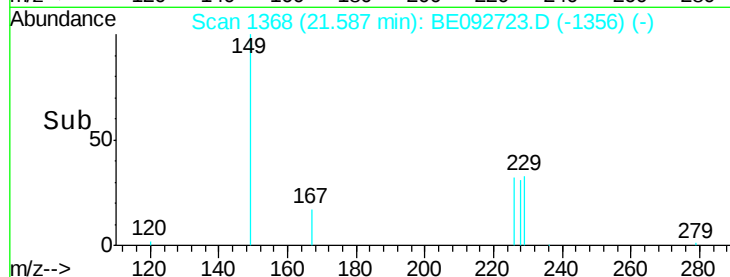
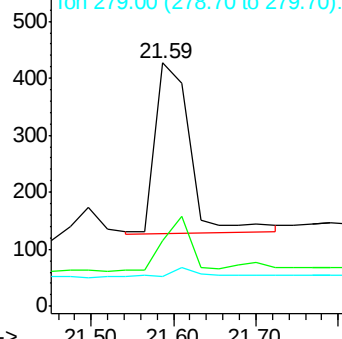
#29
 Bis(2-ethylhexyl)phthalate
 Concen: 0.27 ng
 RT: 21.59 min Scan# 1368
 Delta R.T. -0.02 min
 Lab File: BE092723.D
 Acq: 10 Feb 2017 16:05

Instrument :
 BNA_E
 ClientSampleId :
 KY038PS033-170206

Tgt Ion:149 Resp: 882
 Ion Ratio Lower Upper
 149 100
 167 0.0 16.0 24.0#
 279 0.0 16.0 24.0#

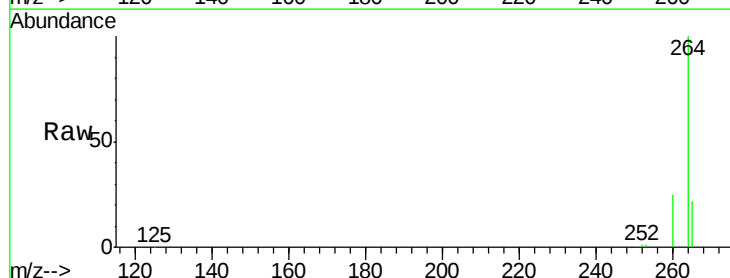


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#31
 Perylene-d12
 Concen: 5.00 ng
 RT: 24.04 min Scan# 1540
 Delta R.T. -0.02 min
 Lab File: BE092723.D
 Acq: 10 Feb 2017 16:05

Tgt Ion:264 Resp: 62789
 Ion Ratio Lower Upper
 264 100
 260 25.1 20.1 30.1
 265 21.8 17.9 26.9



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

