

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE120116\
 Data File : BE092586.D
 Acq On : 1 Dec 2016 14:00
 Operator : UM/SJ
 Sample : H5778-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 KY038PS034-161128

Quant Time: Dec 02 01:01:05 2016
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE111616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 16 15:43:18 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	9207	5.00	ng	-0.02
7) Naphthalene-d8	10.93	136	40646	5.00	ng	0.00
12) Acenaphthene-d10	14.80	164	27854	5.00	ng	0.00
18) Phenanthrene-d10	17.56	188	60869	5.00	ng	0.00
24) Chrysene-d12	21.72	240	89340	5.00	ng	0.00
31) Perylene-d12	24.08	264	80371	5.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.65	112	6746	4.34	ng	-0.02
5) Phenol-d6	7.34	99	5018	2.02	ng	-0.02
8) Nitrobenzene-d5	9.32	82	11233	4.27	ng	-0.04
13) 2,4,6-Tribromophenol	16.30	330	5835	9.34	ng	-0.01
14) 2-Fluorobiphenyl	13.42	172	28980	4.27	ng	-0.01
26) Terphenyl-d14	20.16	244	48481	4.75	ng	-0.02

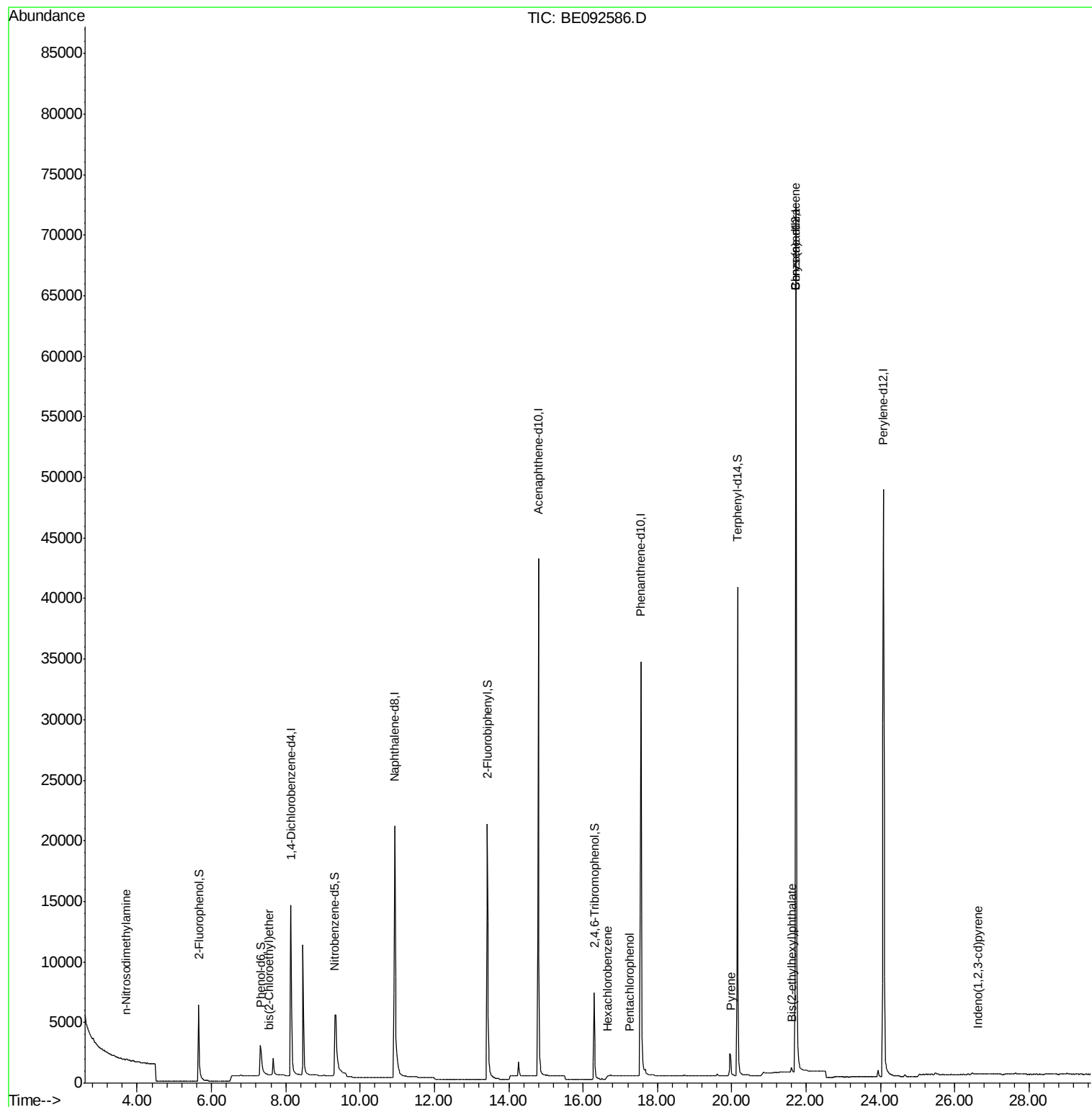
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.39	88	116	Below Cal	#	1
3) n-Nitrosodimethylamine	3.70	42	43	0.21 ng	#	2
6) bis(2-Chloroethyl)ether	7.54	93	25	0.05 ng	#	15
19) Hexachlorobenzene	16.66	284	284	0.12 ng	#	39
20) Pentachlorophenol	17.26	266	72	0.21 ng	#	81
25) Pyrene	19.97	202	3408	0.05 ng		98
27) Benzo(a)anthracene	21.72	228	1244	0.11 ng	#	64
29) Bis(2-ethylhexyl)phthalate	21.61	149	666	0.23 ng	#	75
30) Indeno(1,2,3-cd)pyrene	26.63	276	207	0.05 ng		99

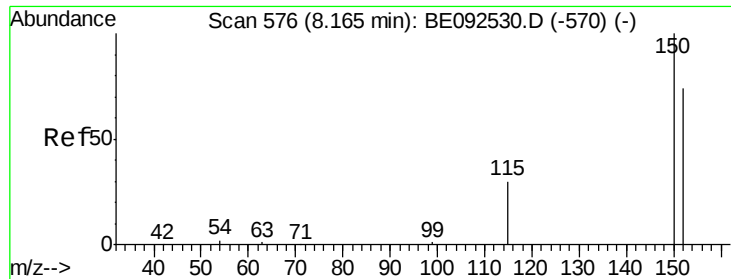
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE120116\
Data File : BE092586.D
Acq On : 1 Dec 2016 14:00
Operator : UM/SJ
Sample : H5778-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
KY038PS034-161128

Quant Time: Dec 02 01:01:05 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE111616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 16 15:43:18 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.14 min Scan# 575

Delta R.T. -0.02 min

Lab File: BE092586.D

Acq: 1 Dec 2016 14:00

Instrument :

BNA_E

ClientSampleId :

KY038PS034-161128

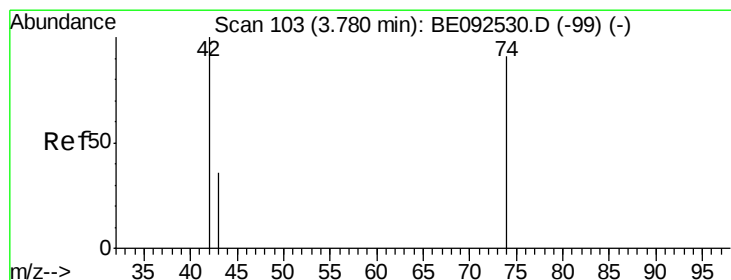
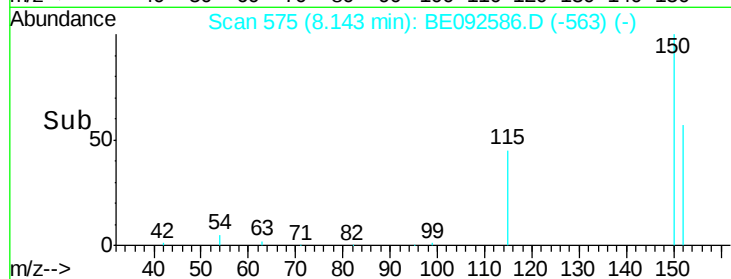
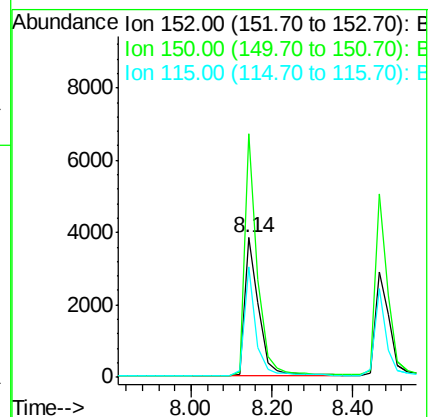
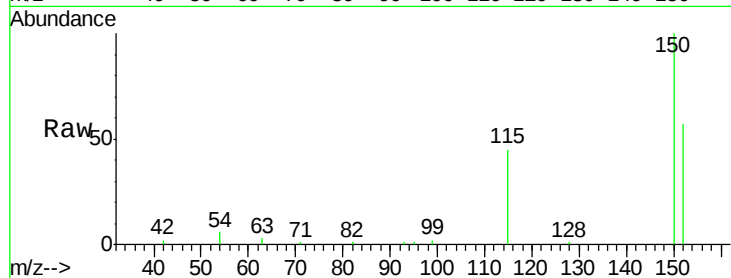
Tgt Ion:152 Resp: 9207

Ion Ratio Lower Upper

152 100

150 174.7 106.0 159.0#

115 78.8 31.2 46.8#



#3

n-Nitrosodimethylamine

Concen: 0.21 ng

RT: 3.70 min Scan# 96

Delta R.T. -0.08 min

Lab File: BE092586.D

Acq: 1 Dec 2016 14:00

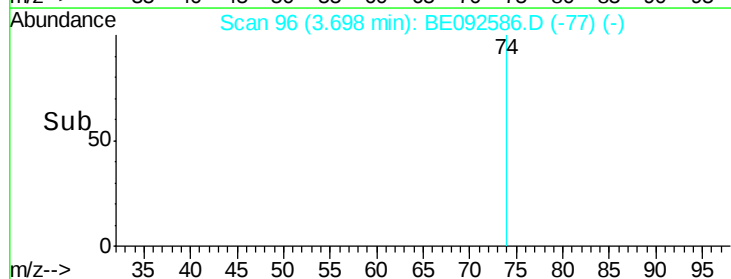
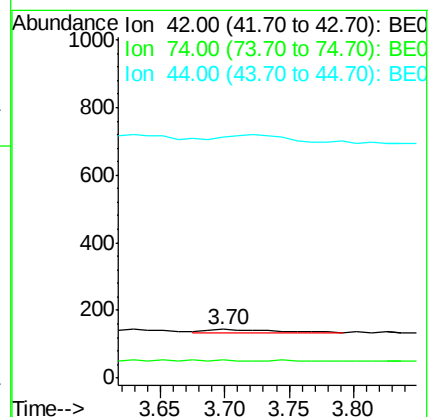
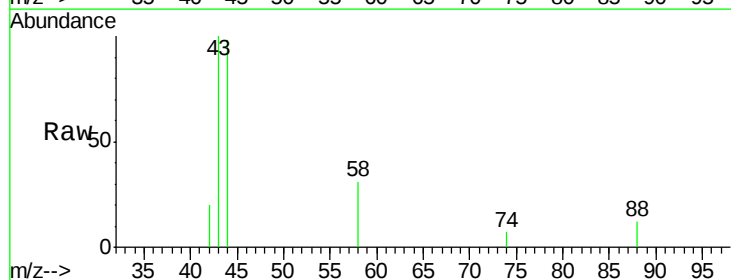
Tgt Ion: 42 Resp: 43

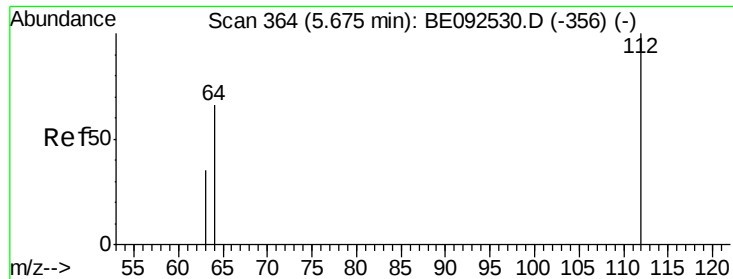
Ion Ratio Lower Upper

42 100

74 0.0 86.0 129.0#

44 0.0 5.1 7.7#





#4

2-Fluorophenol

Concen: 4.34 ng

RT: 5.65 min Scan# 360

Delta R.T. -0.02 min

Lab File: BE092586.D

Acq: 1 Dec 2016 14:00

Instrument :

BNA_E

ClientSampleId :

KY038PS034-161128

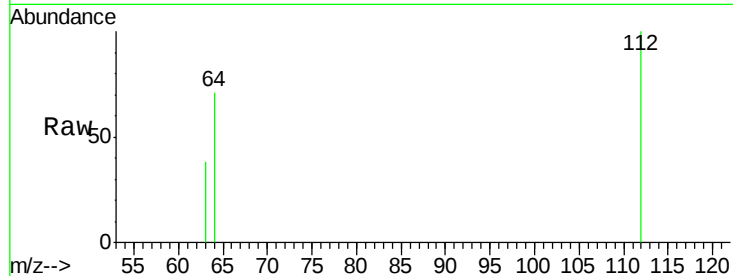
Tgt Ion: 112 Resp: 6746

Ion Ratio Lower Upper

112 100

64 68.8 53.5 80.3

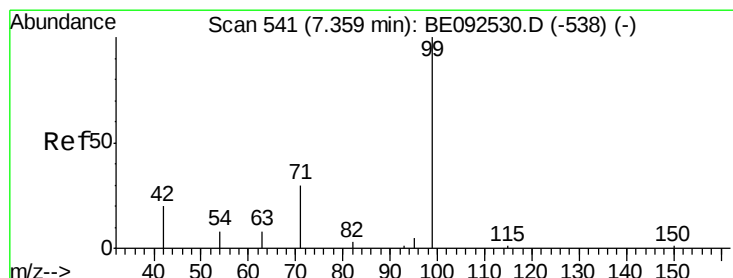
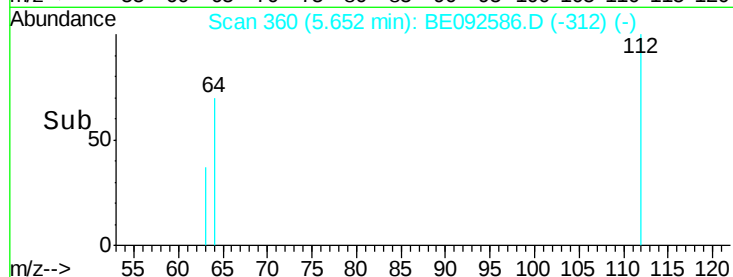
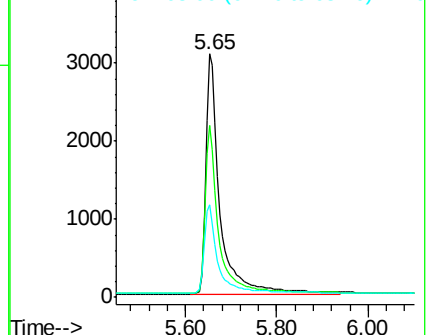
63 36.4 27.9 41.9



Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



#5

Phenol-d6

Concen: 2.02 ng

RT: 7.34 min Scan# 540

Delta R.T. -0.02 min

Lab File: BE092586.D

Acq: 1 Dec 2016 14:00

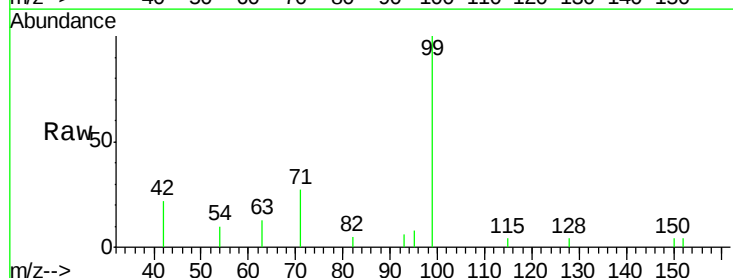
Tgt Ion: 99 Resp: 5018

Ion Ratio Lower Upper

99 100

42 0.0 16.0 24.0#

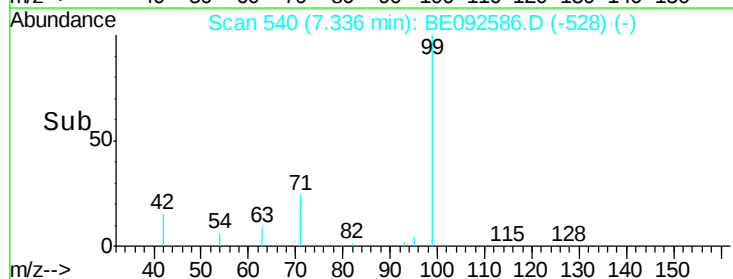
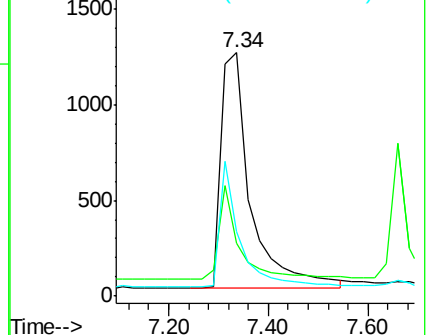
71 0.0 30.6 45.8#

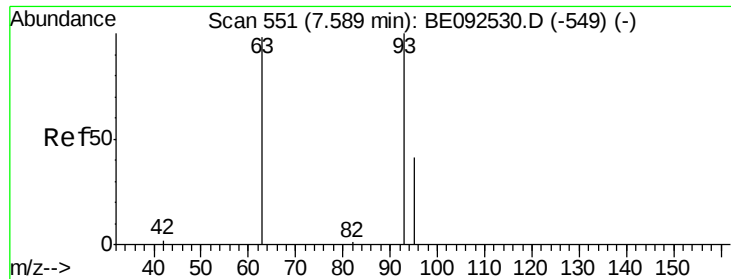


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#6

bis(2-Chloroethyl)ether

Concen: 0.05 ng

RT: 7.54 min Scan# 549

Delta R.T. -0.04 min

Lab File: BE092586.D

Acq: 1 Dec 2016 14:00

Instrument :

BNA_E

ClientSampleId :

KY038PS034-161128

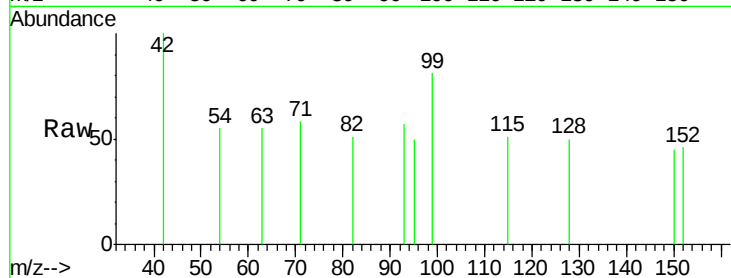
Tgt Ion: 93 Resp: 25

Ion Ratio Lower Upper

93 100

63 0.0 71.6 107.4#

95 0.0 24.0 36.0#

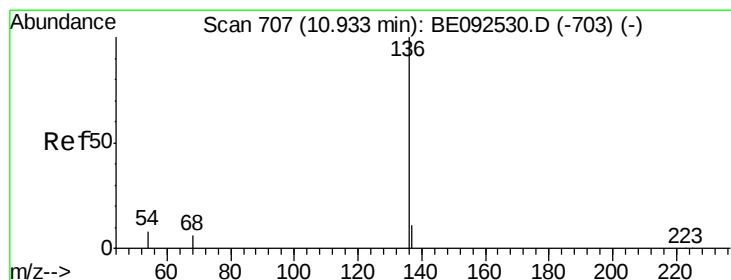
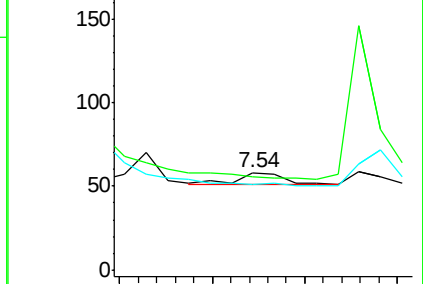
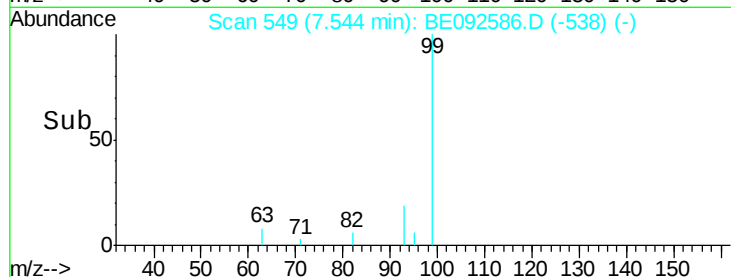


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0

Time-->



#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.93 min Scan# 707

Delta R.T. -0.00 min

Lab File: BE092586.D

Acq: 1 Dec 2016 14:00

Tgt Ion: 136 Resp: 40646

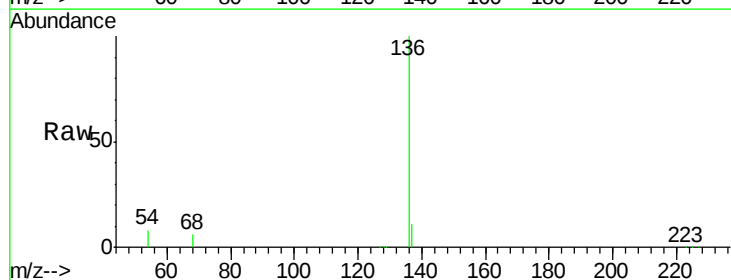
Ion Ratio Lower Upper

136 100

137 11.2 8.2 12.4

54 8.2 9.6 14.4#

68 5.9 6.7 10.1#

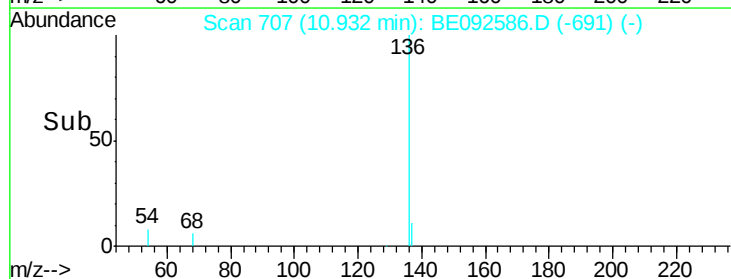
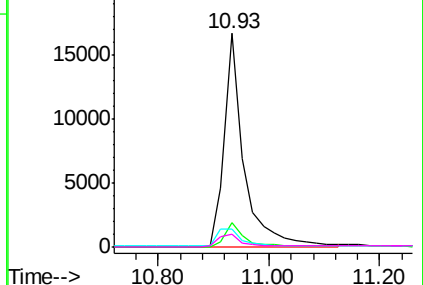


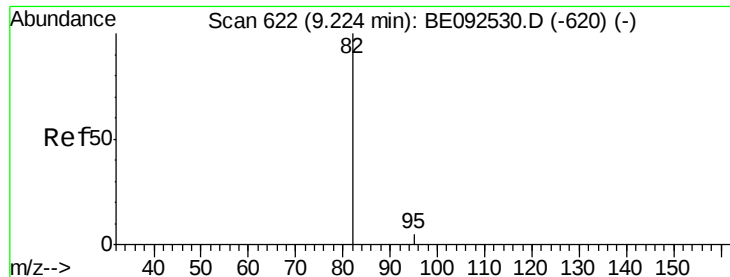
Abundance Ion 136.00 (135.70 to 136.70): E

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: 4.27 ng

RT: 9.32 min Scan# 626

Delta R.T. -0.04 min

Lab File: BE092586.D

Acq: 1 Dec 2016 14:00

Instrument :

BNA_E

ClientSampleId :

KY038PS034-161128

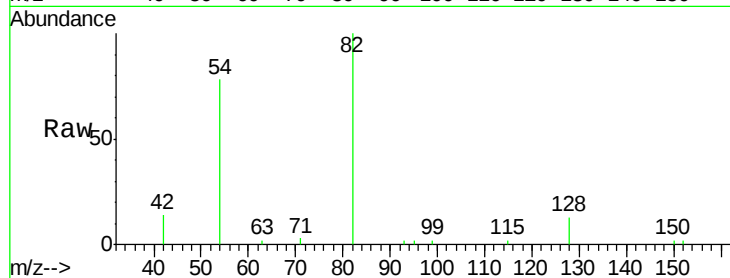
Tgt Ion: 82 Resp: 11233

Ion Ratio Lower Upper

82 100

128 13.1 39.0 58.4#

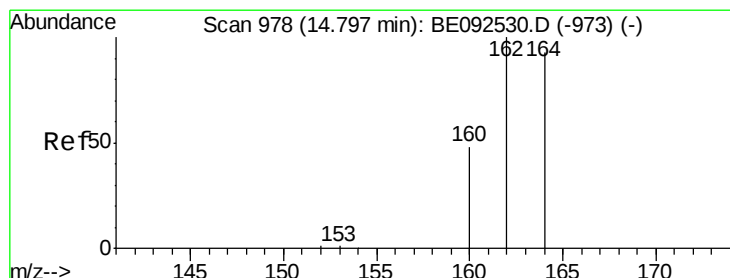
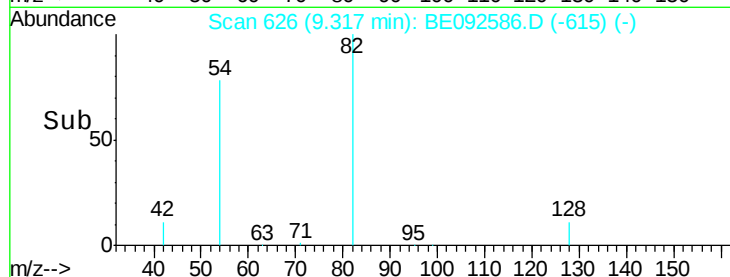
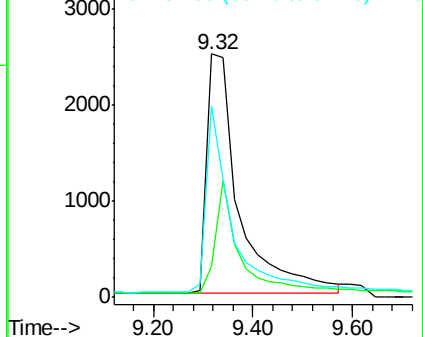
54 78.5 44.8 67.2#



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: BE092586.D

Acq: 1 Dec 2016 14:00

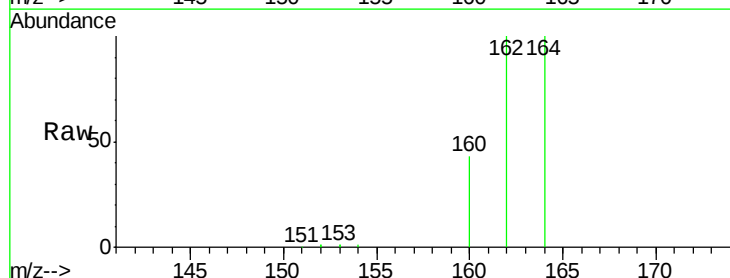
Tgt Ion: 164 Resp: 27854

Ion Ratio Lower Upper

164 100

162 100.0 71.4 107.0

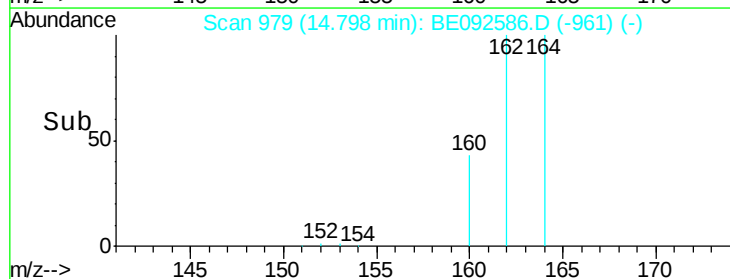
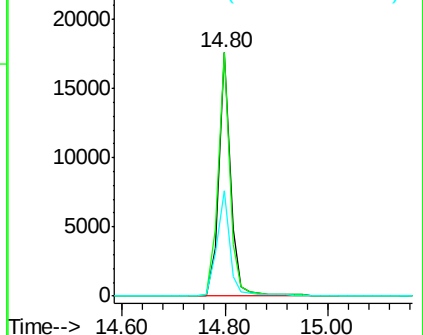
160 43.3 27.4 41.2#

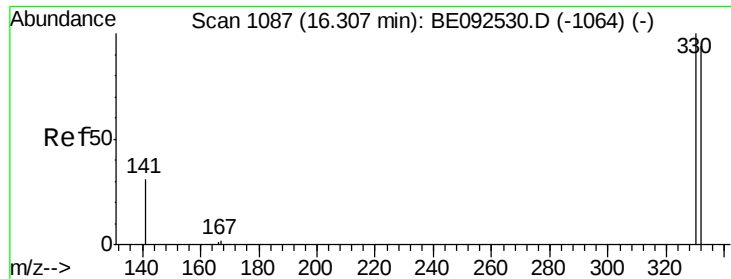


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

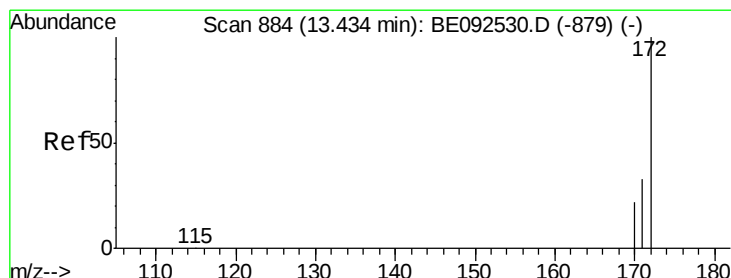
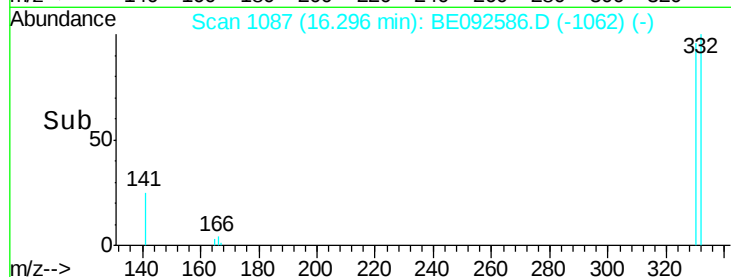
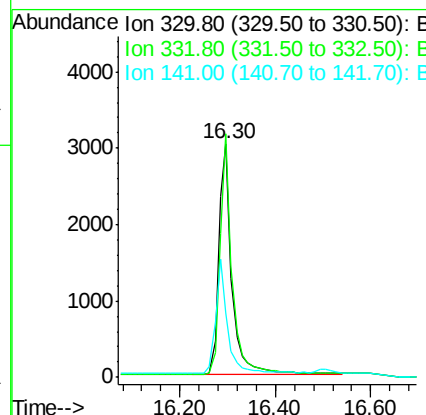
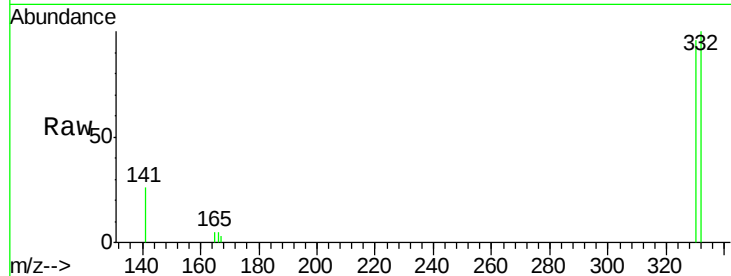




#13
 2,4,6-Tribromophenol
 Concen: 9.34 ng
 RT: 16.30 min Scan# 1087
 Delta R.T. -0.01 min
 Lab File: BE092586.D
 Acq: 1 Dec 2016 14:00

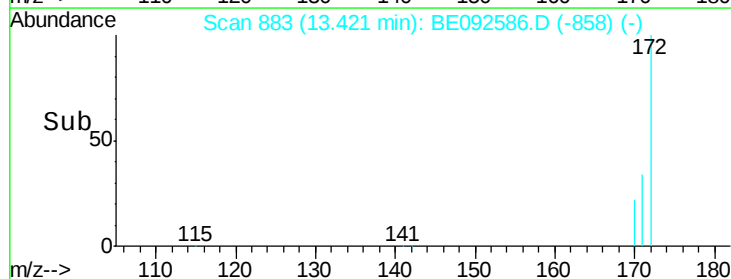
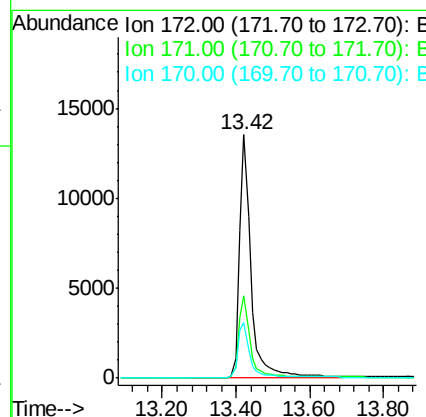
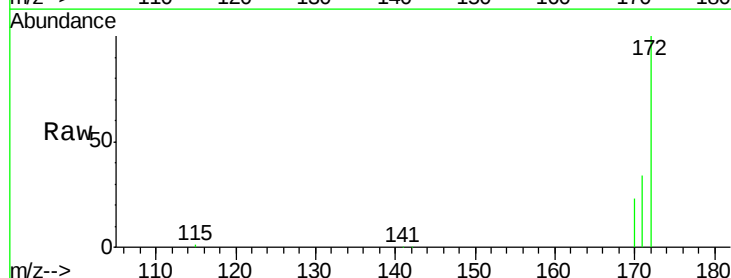
Instrument :
 BNA_E
 ClientSampleId :
 KY038PS034-161128

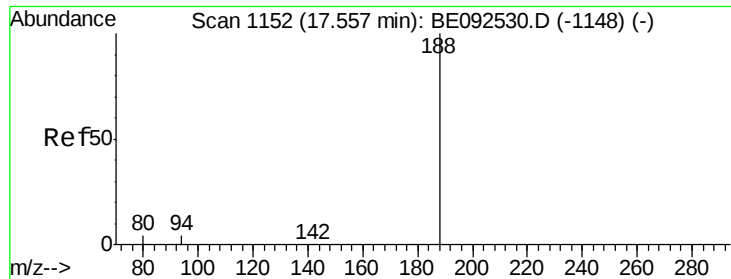
Tgt Ion: 330 Resp: 5835
 Ion Ratio Lower Upper
 330 100
 332 96.7 75.4 113.0
 141 44.8 31.0 46.6



#14
 2-Fluorobiphenyl
 Concen: 4.27 ng
 RT: 13.42 min Scan# 883
 Delta R.T. -0.01 min
 Lab File: BE092586.D
 Acq: 1 Dec 2016 14:00

Tgt Ion: 172 Resp: 28980
 Ion Ratio Lower Upper
 172 100
 171 34.0 30.1 45.1
 170 22.6 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: BE092586.D

Acq: 1 Dec 2016 14:00

Instrument :

BNA_E

ClientSampleId :

KY038PS034-161128

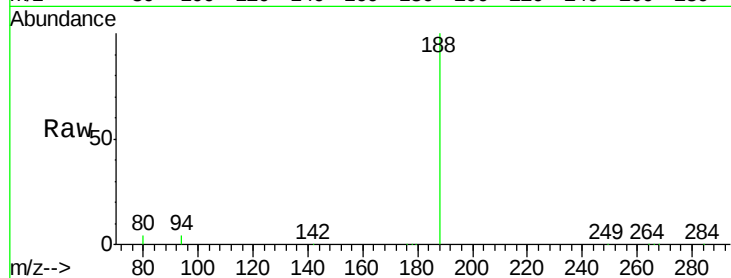
Tgt Ion:188 Resp: 60869

Ion Ratio Lower Upper

188 100

94 4.3 3.2 4.8

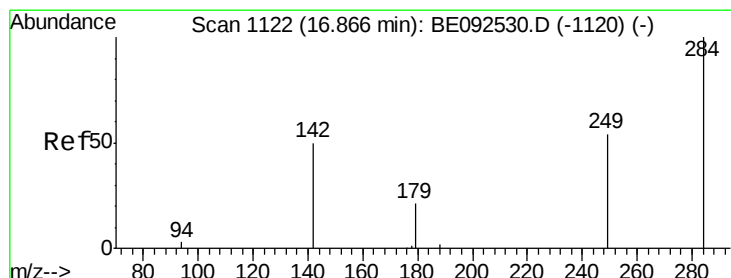
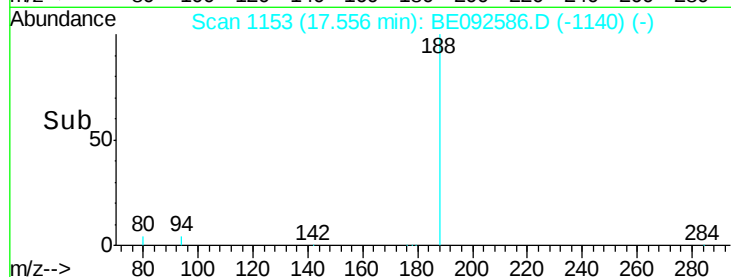
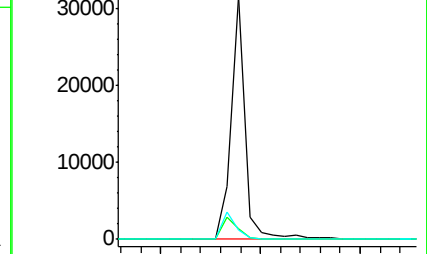
80 3.8 2.6 3.8



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: 0.12 ng

RT: 16.66 min Scan# 1114

Delta R.T. -0.21 min

Lab File: BE092586.D

Acq: 1 Dec 2016 14:00

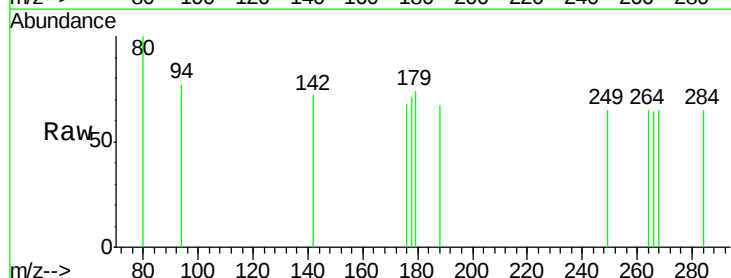
Tgt Ion:284 Resp: 284

Ion Ratio Lower Upper

284 100

142 0.0 29.1 43.7#

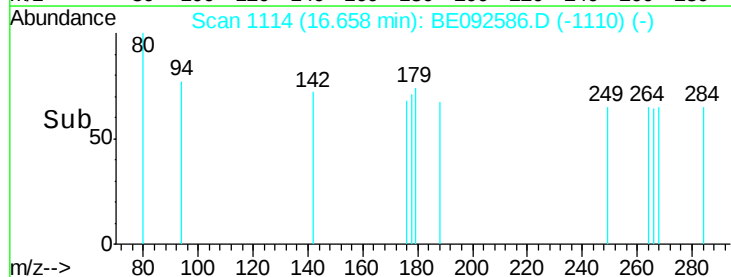
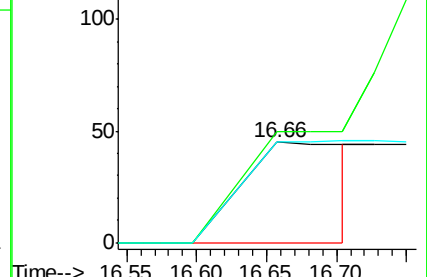
249 0.0 27.9 41.9#

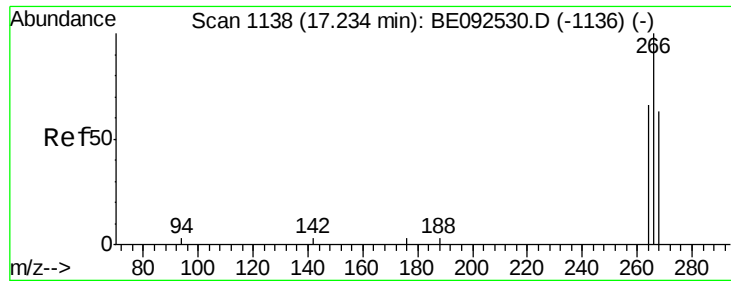


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

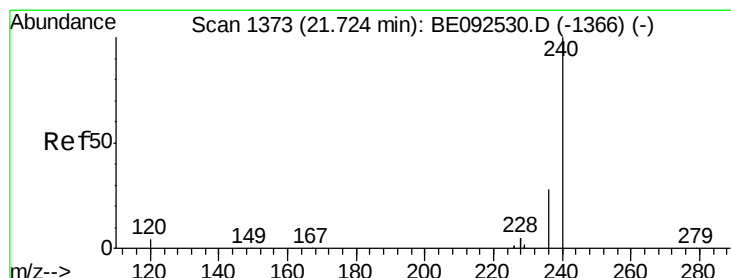
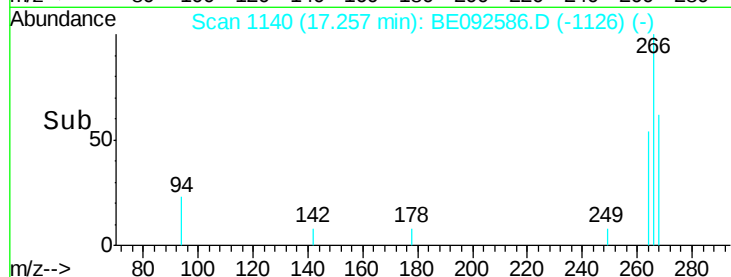
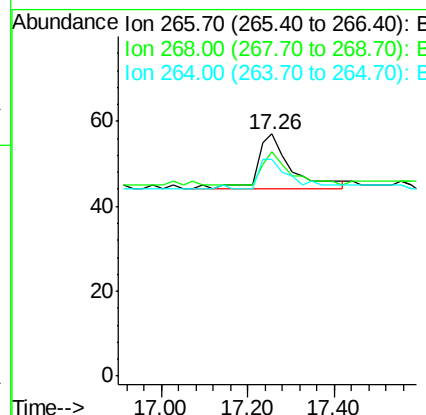
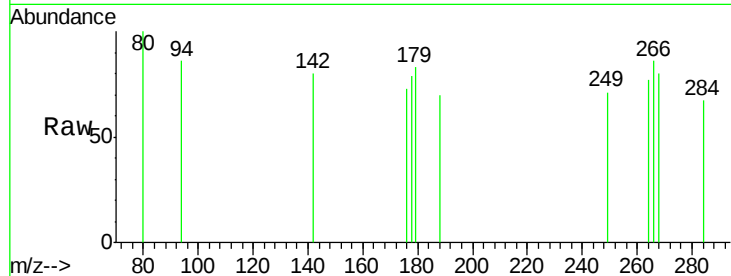




#20
 Pentachlorophenol
 Concen: 0.21 ng
 RT: 17.26 min Scan# 1140
 Delta R.T. 0.02 min
 Lab File: BE092586.D
 Acq: 1 Dec 2016 14:00

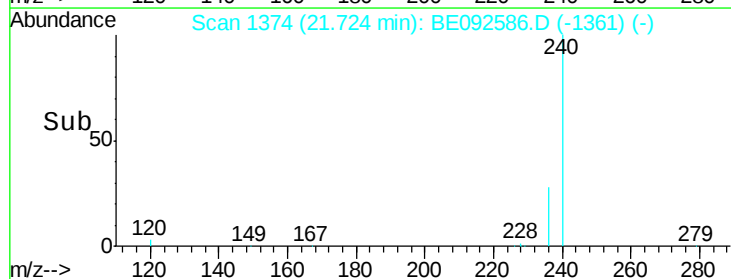
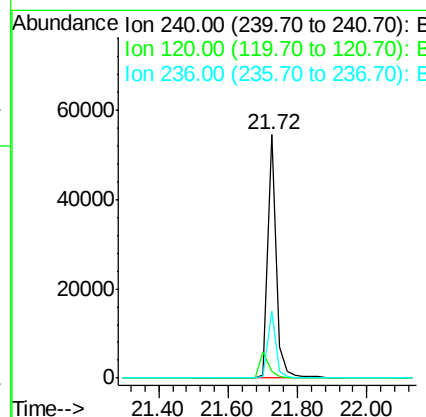
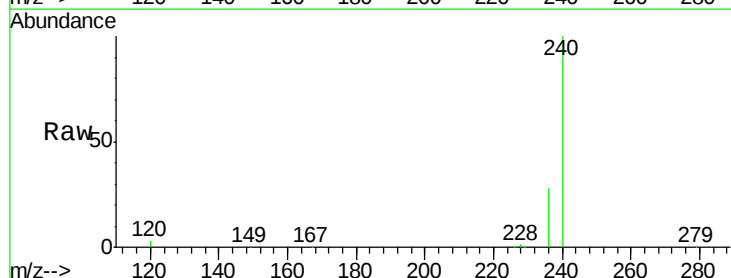
Instrument :
 BNA_E
 ClientSampleId :
 KY038PS034-161128

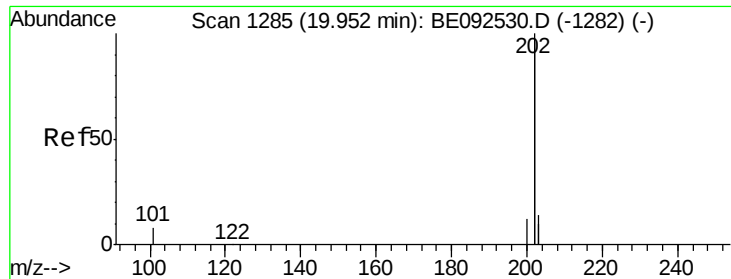
Tgt Ion: 266 Resp: 72
 Ion Ratio Lower Upper
 266 100
 268 93.0 62.5 93.7
 264 89.5 57.2 85.8#



#24
 Chrysene-d12
 Concen: 5.00 ng
 RT: 21.72 min Scan# 1374
 Delta R.T. 0.00 min
 Lab File: BE092586.D
 Acq: 1 Dec 2016 14:00

Tgt Ion: 240 Resp: 89340
 Ion Ratio Lower Upper
 240 100
 120 2.8 2.6 4.0
 236 27.7 24.6 37.0

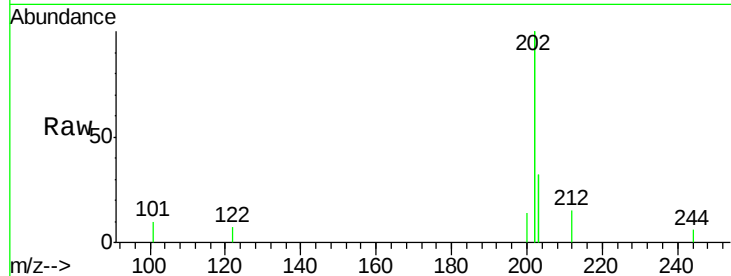




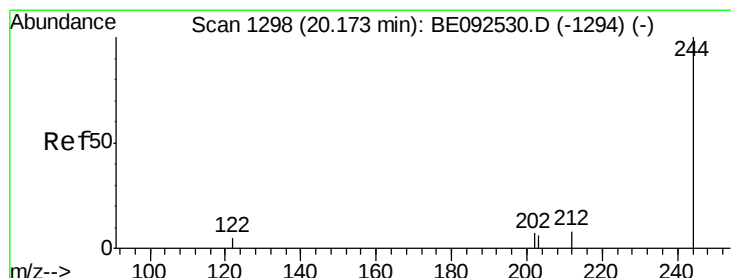
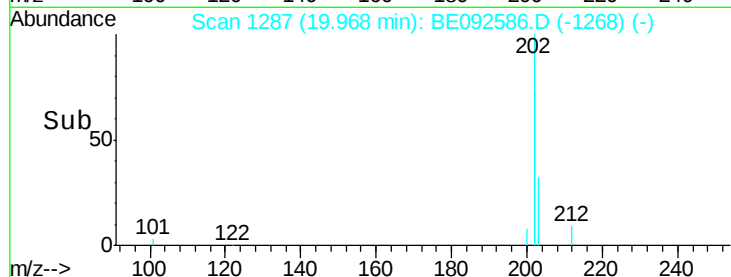
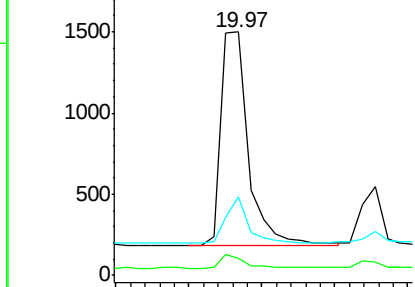
#25
 Pyrene
 Concen: 0.05 ng
 RT: 19.97 min Scan# 1287
 Delta R.T. 0.02 min
 Lab File: BE092586.D
 Acq: 1 Dec 2016 14:00

Instrument :
 BNA_E
 ClientSampleId :
 KY038PS034-161128

Tgt Ion: 202 Resp: 3408
 Ion Ratio Lower Upper
 202 100
 200 5.5 4.2 6.4
 203 18.5 13.9 20.9

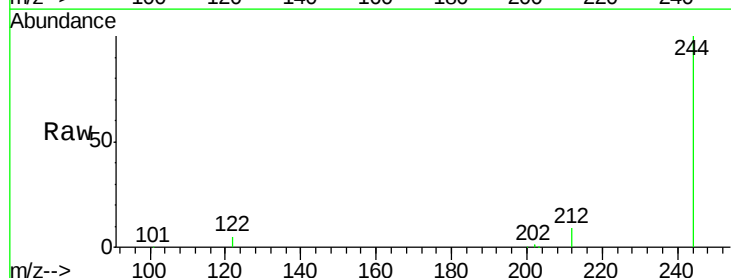


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

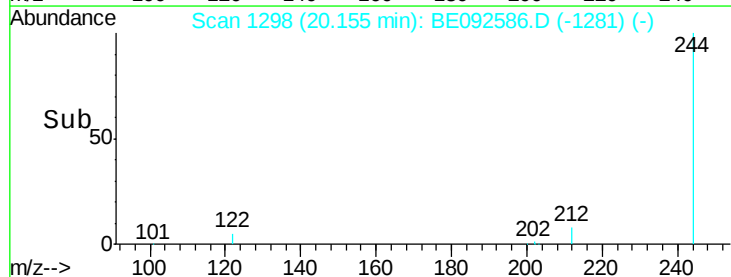
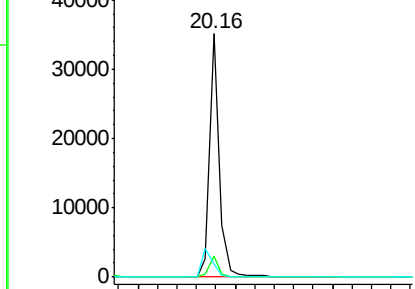


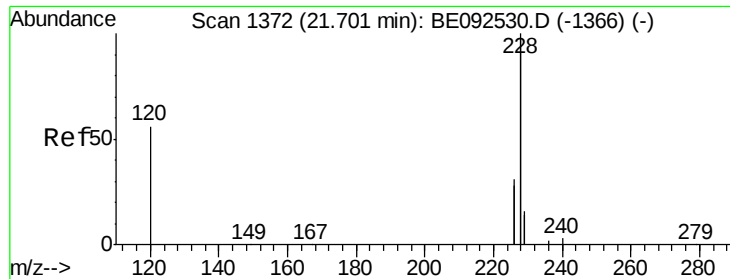
#26
 Terphenyl-d14
 Concen: 4.75 ng
 RT: 20.16 min Scan# 1298
 Delta R.T. -0.02 min
 Lab File: BE092586.D
 Acq: 1 Dec 2016 14:00

Tgt Ion: 244 Resp: 48481
 Ion Ratio Lower Upper
 244 100
 212 8.5 6.7 10.1
 122 5.4 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

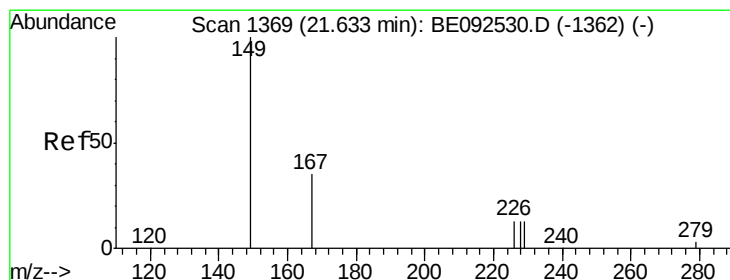
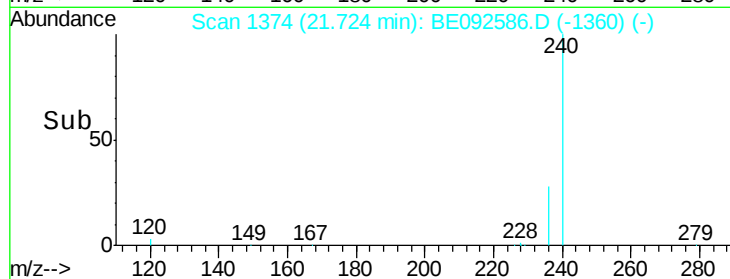
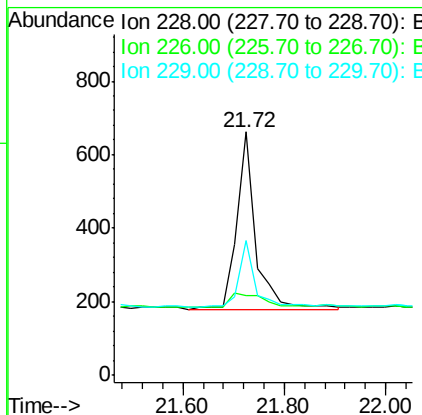
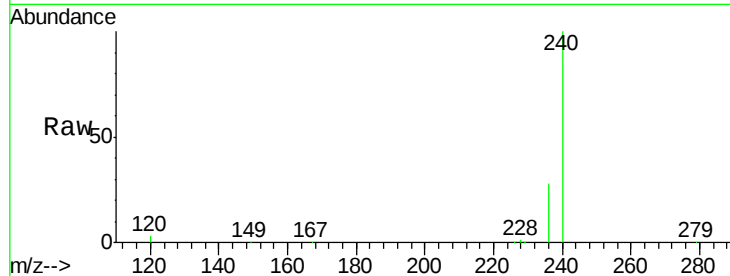




#27
 Benzo(a)anthracene
 Concen: 0.11 ng
 RT: 21.72 min Scan# 1374
 Delta R.T. 0.02 min
 Lab File: BE092586.D
 Acq: 1 Dec 2016 14:00

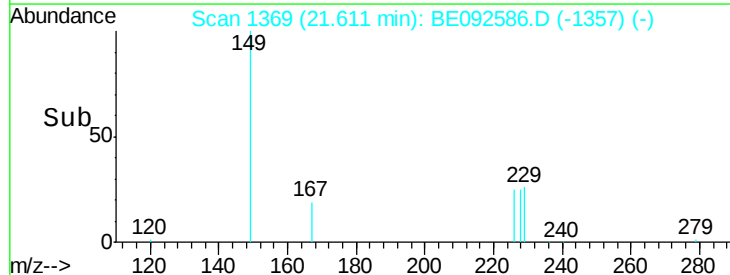
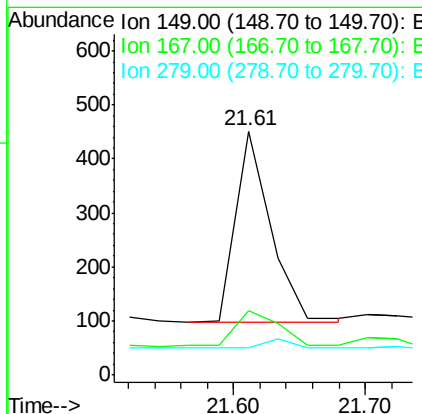
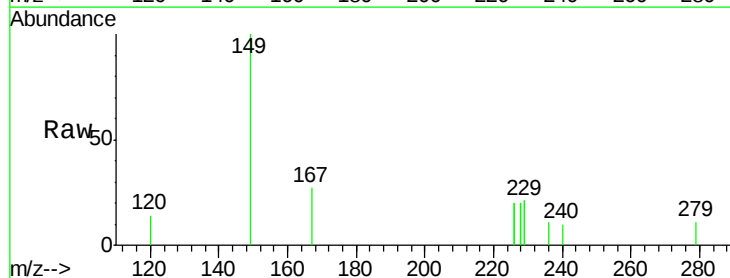
Instrument :
 BNA_E
 ClientSampleId :
 KY038PS034-161128

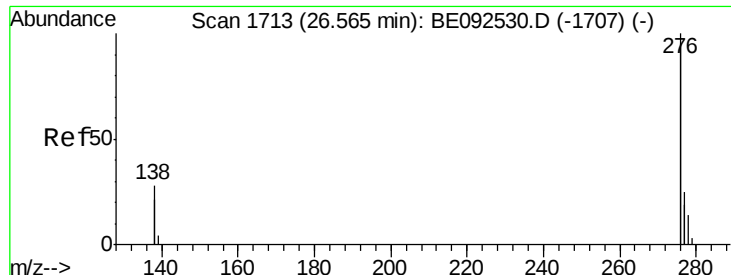
Tgt Ion:228 Resp: 1244
 Ion Ratio Lower Upper
 228 100
 226 32.6 23.6 35.4
 229 55.3 13.3 19.9#



#29
 Bis(2-ethylhexyl)phthalate
 Concen: 0.23 ng
 RT: 21.61 min Scan# 1369
 Delta R.T. -0.02 min
 Lab File: BE092586.D
 Acq: 1 Dec 2016 14:00

Tgt Ion:149 Resp: 666
 Ion Ratio Lower Upper
 149 100
 167 23.3 16.0 24.0
 279 0.0 16.0 24.0#





#30

Indeno(1,2,3-cd)pyrene

Concen: 0.05 ng

RT: 26.63 min Scan# 1718

Delta R.T. 0.07 min

Lab File: BE092586.D

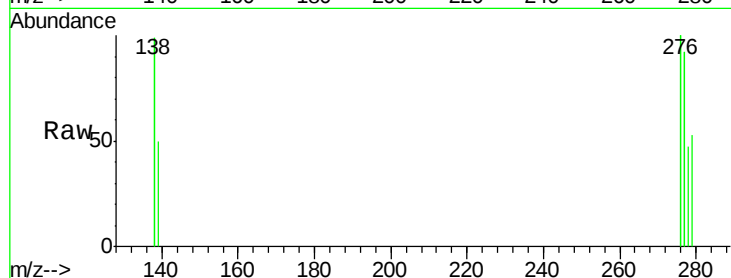
Acq: 1 Dec 2016 14:00

Instrument :

BNA_E

ClientSampleId :

KY038PS034-161128



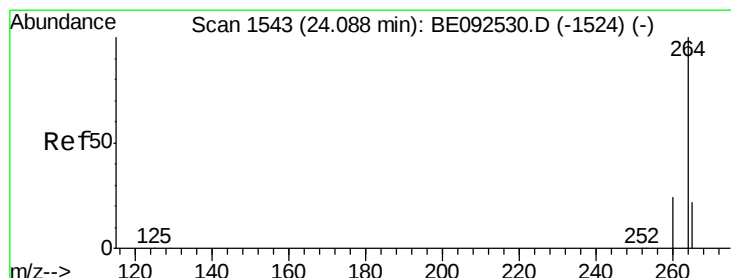
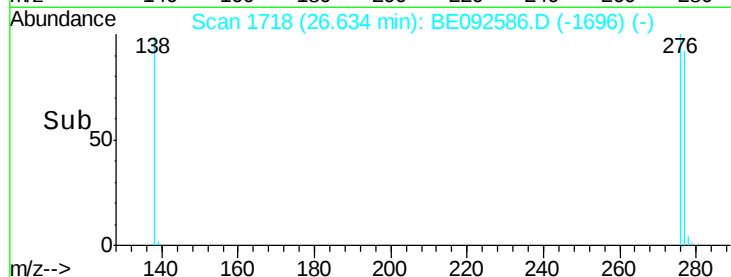
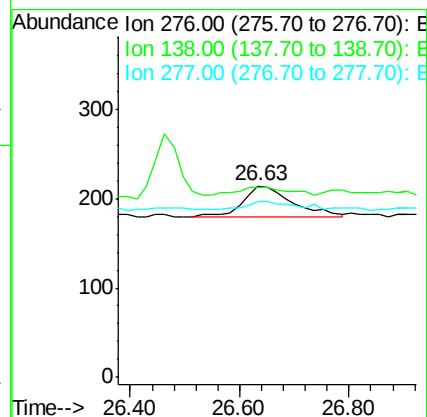
Tgt Ion:276 Resp: 207

Ion Ratio Lower Upper

276 100

138 24.6 20.3 30.5

277 24.6 19.7 29.5



#31

Perylene-d12

Concen: 5.00 ng

RT: 24.08 min Scan# 1543

Delta R.T. -0.01 min

Lab File: BE092586.D

Acq: 1 Dec 2016 14:00

Tgt Ion:264 Resp: 80371

Ion Ratio Lower Upper

264 100

260 25.9 20.1 30.1

265 21.4 17.9 26.9

