

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE030617\
 Data File : BE092792.D
 Acq On : 6 Mar 2017 18:17
 Operator : SJ/MA
 Sample : PB97289BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB97289BS

Quant Time: Mar 07 02:17:44 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE030617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 06 15:46:01 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	11675	5.00	ng	-0.02
7) Naphthalene-d8	10.87	136	47963	5.00	ng	-0.02
12) Acenaphthene-d10	14.75	164	24668	5.00	ng	-0.02
18) Phenanthrene-d10	17.51	188	47030	5.00	ng	0.00
24) Chrysene-d12	21.68	240	71981	5.00	ng	-0.02
31) Perylene-d12	24.01	264	55564	5.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.60	112	22056	8.93	ng	-0.03
5) Phenol-d6	7.27	99	27326	9.29	ng	-0.04
8) Nitrobenzene-d5	9.25	82	13163	4.49	ng	-0.07
13) 2,4,6-Tribromophenol	16.24	330	6584	10.14	ng	-0.04
14) 2-Fluorobiphenyl	13.36	172	28751	4.94	ng	-0.04
26) Terphenyl-d14	20.12	244	35009	4.03	ng	-0.02

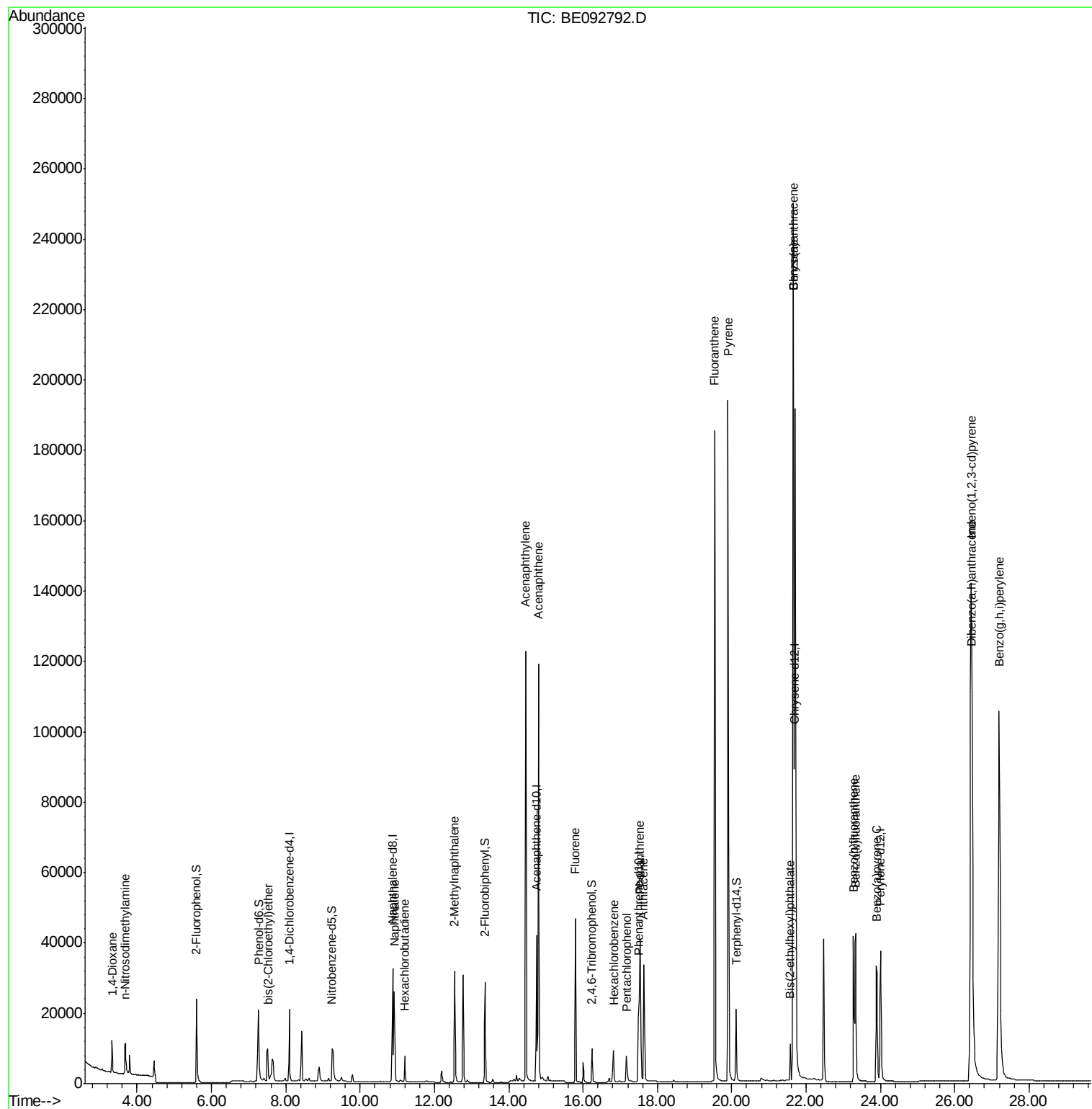
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.33	88	5289	3.81	ng	# 83
3) n-Nitrosodimethylamine	3.68	42	7700	3.93	ng	95
6) bis(2-Chloroethyl)ether	7.52	93	11352	3.54	ng	# 26
9) Naphthalene	10.91	128	39776	3.88	ng	# 95
10) Hexachlorobutadiene	11.20	225	6021	4.07	ng	99
11) 2-Methylnaphthalene	12.54	142	25544	3.85	ng	98
15) Acenaphthylene	14.46	152	159332	4.20	ng	100
16) Acenaphthene	14.80	154	24266	4.57	ng	93
17) Fluorene	15.79	166	31279	4.33	ng	99
19) Hexachlorobenzene	16.82	284	9311	4.84	ng	# 64
20) Pentachlorophenol	17.16	266	7153	10.24	ng	# 87
21) Phenanthrene	17.53	178	52184	4.63	ng	# 94
22) Anthracene	17.62	178	50255	4.42	ng	99
23) Fluoranthene	19.54	202	226963	4.13	ng	99
25) Pyrene	19.90	202	239663	3.68	ng	99
27) Benzo(a)anthracene	21.66	228	514808	6.85	ng	93
28) Chrysene	21.66	228	516245	7.82	ng	# 73
29) Bis(2-ethylhexyl)phthalate	21.57	149	20754	3.28	ng	# 56
30) Indeno(1,2,3-cd)pyrene	26.45	276	311047	4.35	ng	97
32) Benzo(b)fluoranthene	23.28	252	69628	4.71	ng	95
33) Benzo(k)fluoranthene	23.34	252	60220	4.05	ng	95
34) Benzo(a)pyrene	23.89	252	59704	4.44	ng	94
35) Dibenzo(a,h)anthracene	26.46	278	65319	5.08	ng	96
36) Benzo(g,h,i)perylene	27.20	276	263572	4.79	ng	97

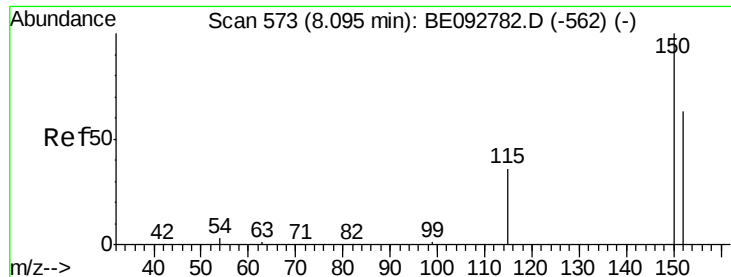
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE030617\
Data File : BE092792.D
Acq On : 6 Mar 2017 18:17
Operator : SJ/MA
Sample : PB97289BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB97289BS

Quant Time: Mar 07 02:17:44 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE030617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 06 15:46:01 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.10 min Scan# 573

Delta R.T. -0.02 min

Lab File: BE092792.D

Acq: 6 Mar 2017 18:17

Instrument :

BNA_E

ClientSampleId :

PB97289BS

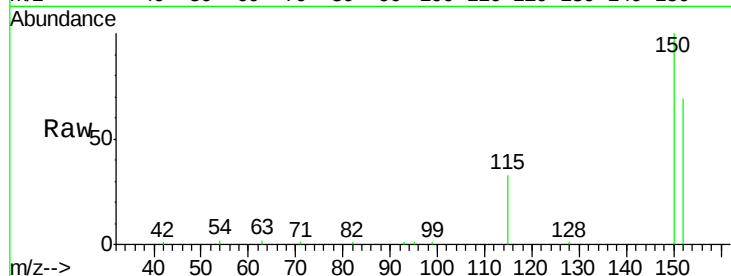
Tgt Ion:152 Resp: 11675

Ion Ratio Lower Upper

152 100

150 145.5 106.0 159.0

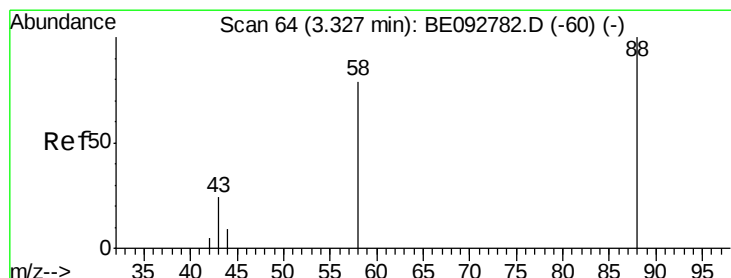
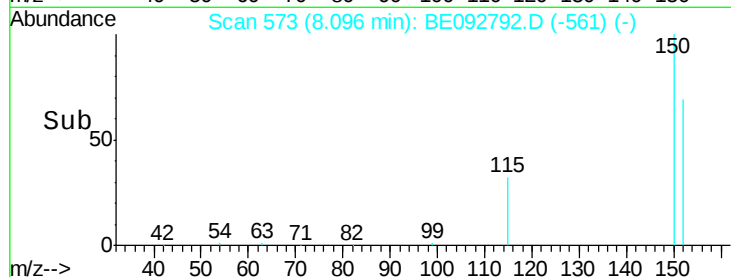
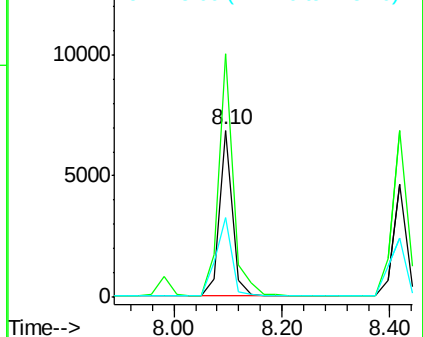
115 47.8 31.2 46.8#



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



#2

1,4-Dioxane

Concen: 3.81 ng

RT: 3.33 min Scan# 64

Delta R.T. -0.01 min

Lab File: BE092792.D

Acq: 6 Mar 2017 18:17

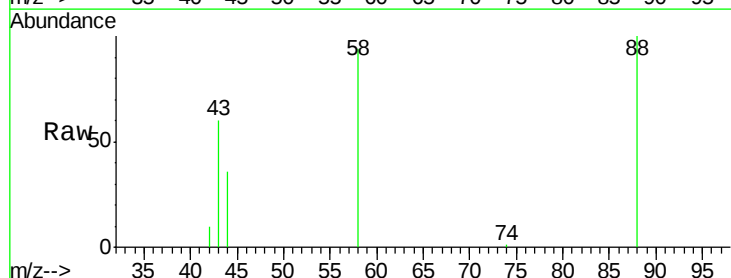
Tgt Ion: 88 Resp: 5289

Ion Ratio Lower Upper

88 100

58 93.8 63.6 95.4

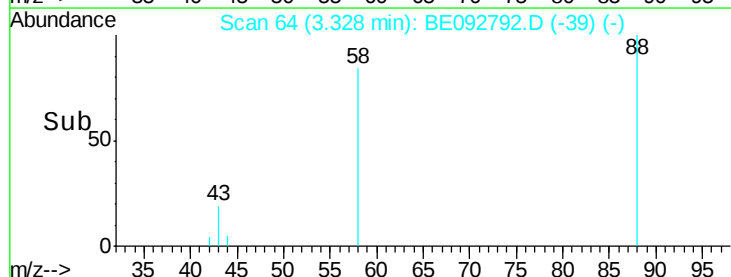
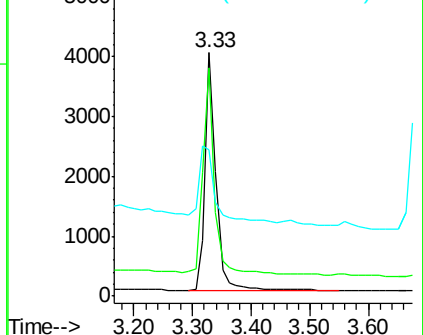
43 45.7 28.0 42.0#

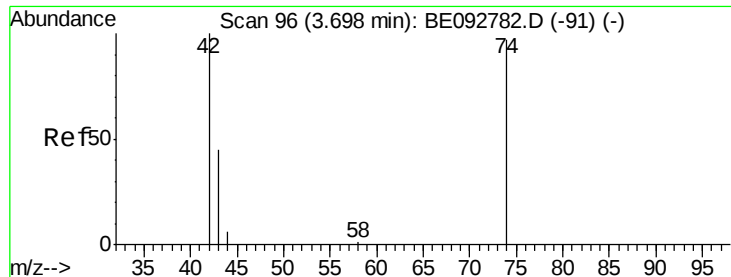


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 3.93 ng

RT: 3.68 min Scan# 94

Delta R.T. -0.06 min

Lab File: BE092792.D

Acq: 6 Mar 2017 18:17

Instrument :

BNA_E

ClientSampleId :

PB97289BS

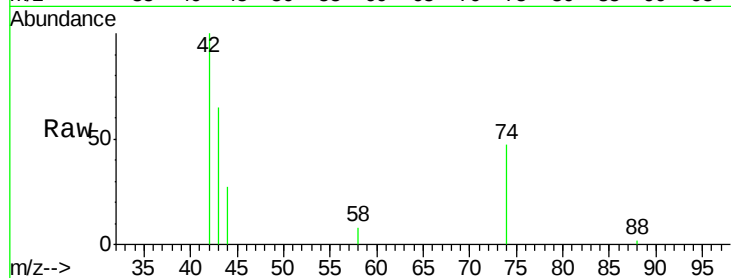
Tgt Ion: 42 Resp: 7700

Ion Ratio Lower Upper

42 100

74 112.8 86.0 129.0

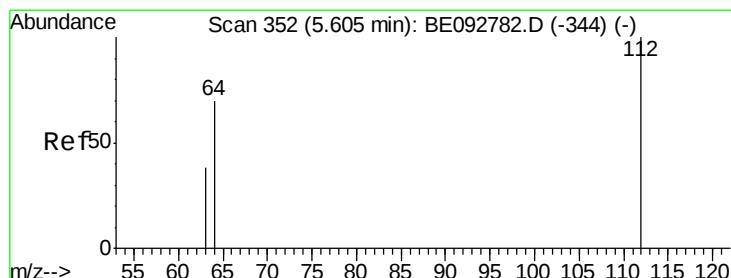
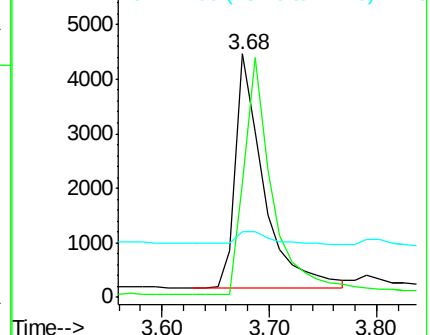
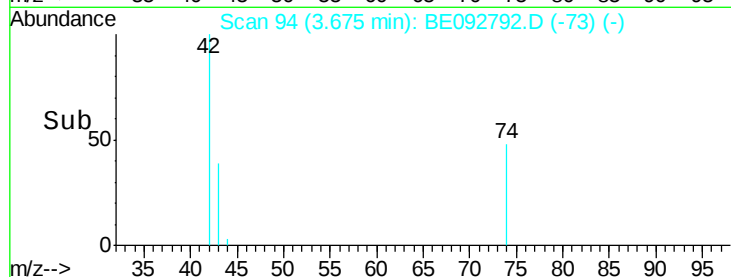
44 7.3 5.1 7.7



Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0



#4

2-Fluorophenol

Concen: 8.93 ng

RT: 5.60 min Scan# 351

Delta R.T. -0.03 min

Lab File: BE092792.D

Acq: 6 Mar 2017 18:17

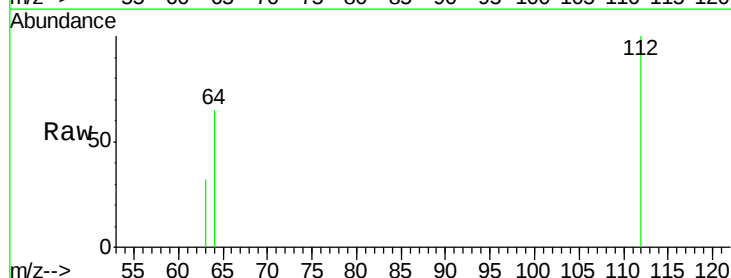
Tgt Ion: 112 Resp: 22056

Ion Ratio Lower Upper

112 100

64 67.9 53.5 80.3

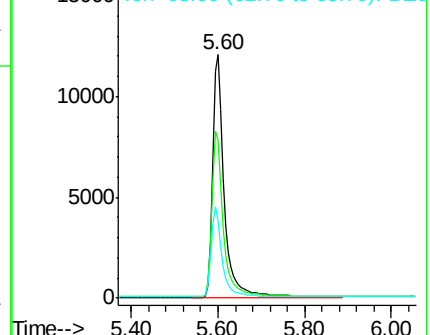
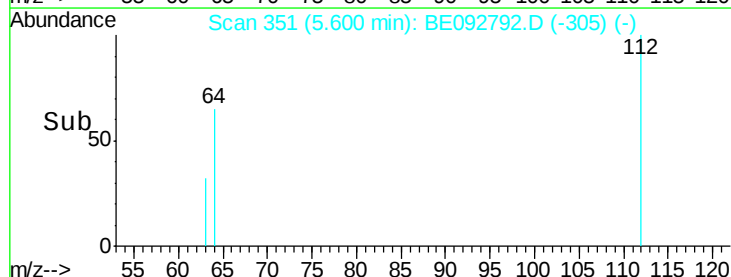
63 36.4 27.9 41.9

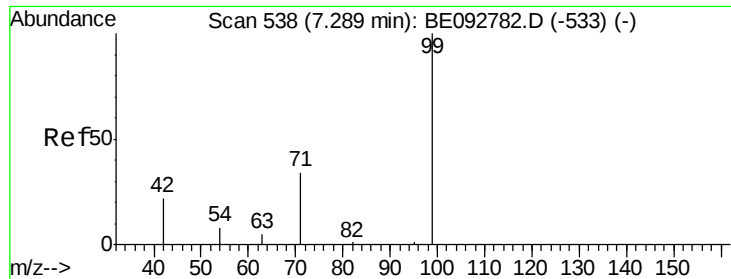


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 9.29 ng

RT: 7.27 min Scan# 537

Delta R.T. -0.04 min

Lab File: BE092792.D

Acq: 6 Mar 2017 18:17

Instrument :

BNA_E

ClientSampleId :

PB97289BS

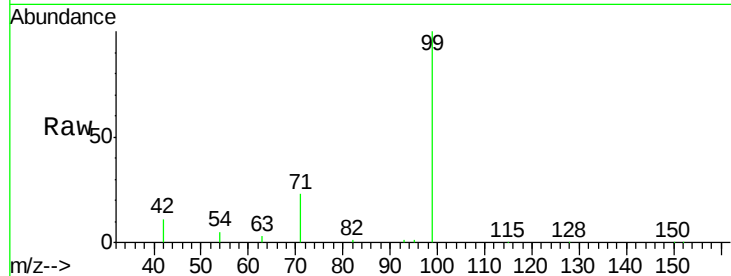
Tgt Ion: 99 Resp: 27326

Ion Ratio Lower Upper

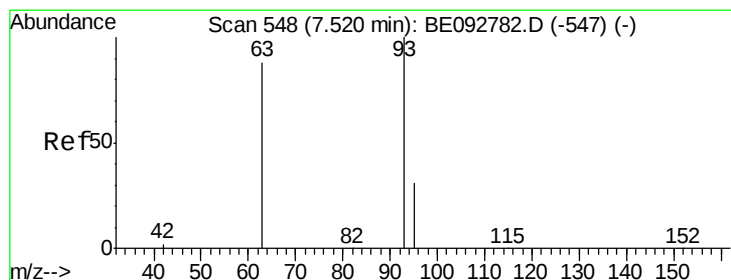
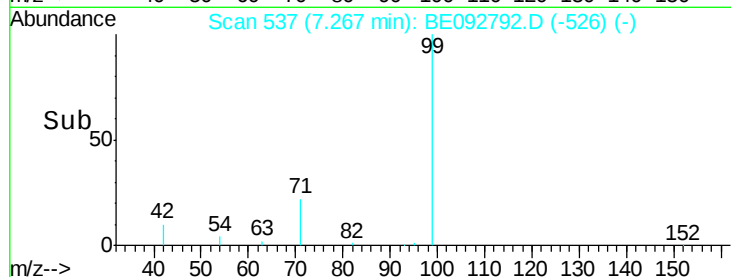
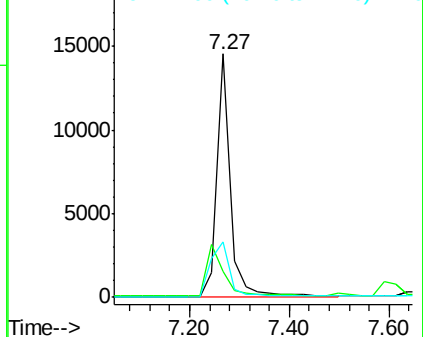
99 100

42 0.0 16.0 24.0#

71 32.9 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: 3.54 ng

RT: 7.52 min Scan# 548

Delta R.T. -0.02 min

Lab File: BE092792.D

Acq: 6 Mar 2017 18:17

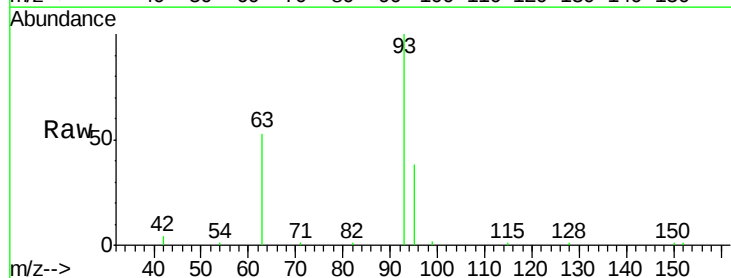
Tgt Ion: 93 Resp: 11352

Ion Ratio Lower Upper

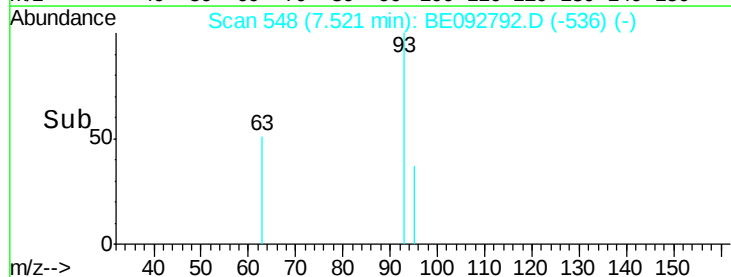
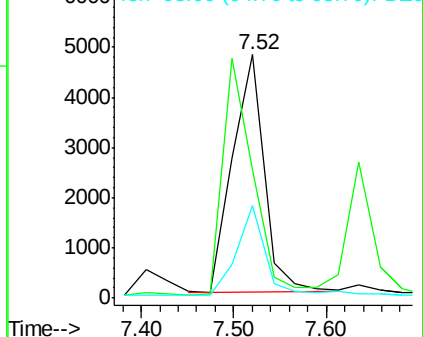
93 100

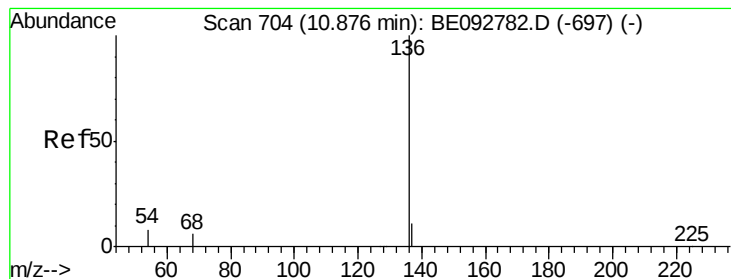
63 0.0 71.6 107.4#

95 35.5 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





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.87 min Scan# 704

Delta R.T. -0.02 min

Lab File: BE092792.D

Acq: 6 Mar 2017 18:17

Instrument :

BNA_E

ClientSampleId :

PB97289BS

Tgt Ion:136 Resp: 47963

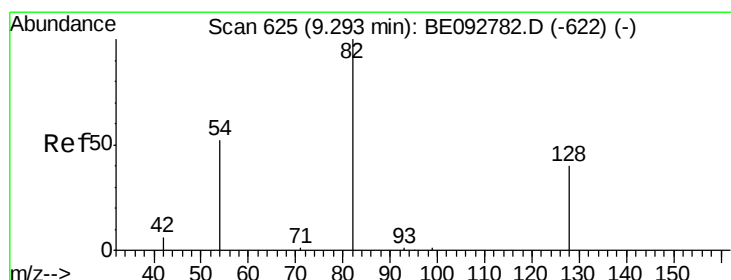
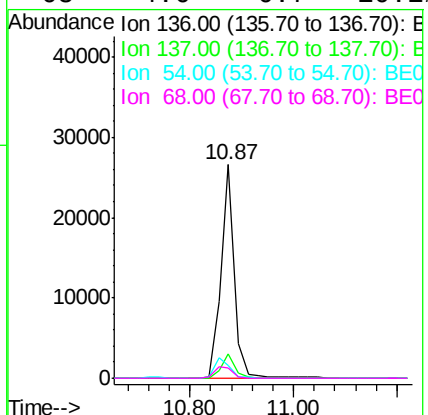
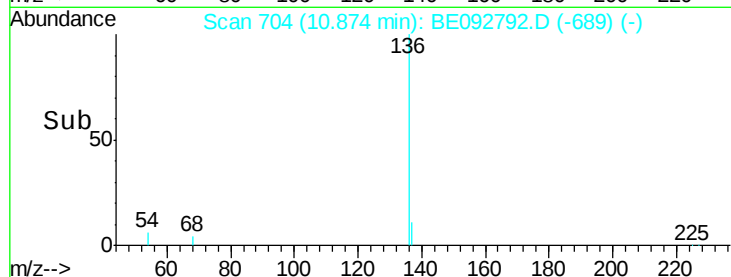
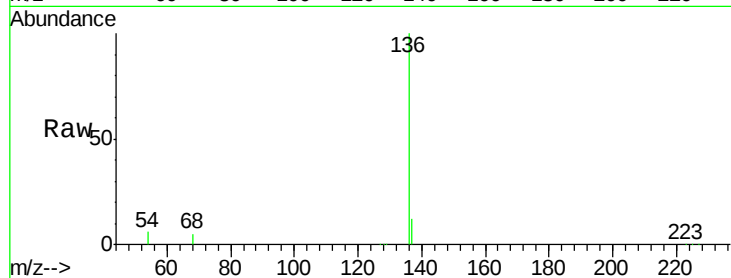
Ion Ratio Lower Upper

136 100

137 11.5 8.2 12.4

54 5.8 9.6 14.4#

68 4.6 6.7 10.1#



#8

Nitrobenzene-d5

Concen: 4.49 ng

RT: 9.25 min Scan# 623

Delta R.T. -0.07 min

Lab File: BE092792.D

Acq: 6 Mar 2017 18:17

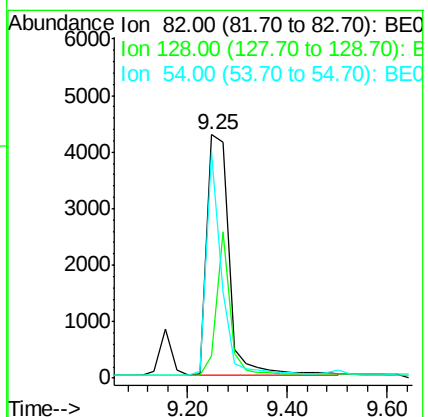
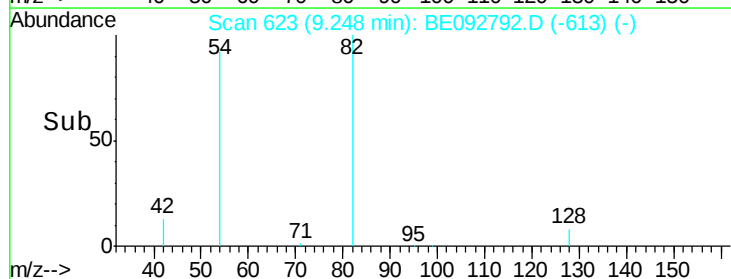
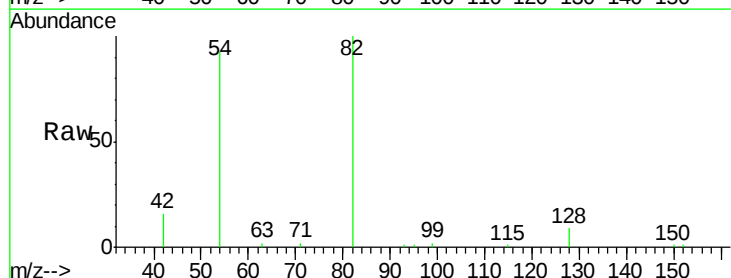
Tgt Ion: 82 Resp: 13163

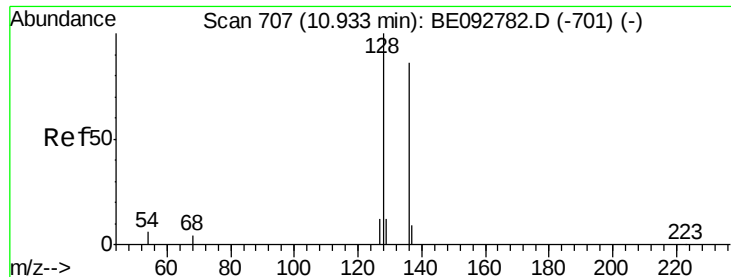
Ion Ratio Lower Upper

82 100

128 9.1 39.0 58.4#

54 92.6 44.8 67.2#





#9

Naphthalene

Concen: 3.88 ng

RT: 10.91 min Scan# 706

Delta R.T. -0.02 min

Lab File: BE092792.D

Acq: 6 Mar 2017 18:17

Instrument :

BNA_E

ClientSampleId :

PB97289BS

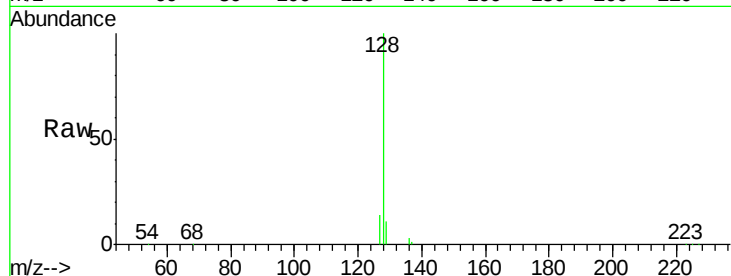
Tgt Ion:128 Resp: 39776

Ion Ratio Lower Upper

128 100

129 10.6 11.2 16.8#

127 13.9 11.6 17.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

25000

20000

15000

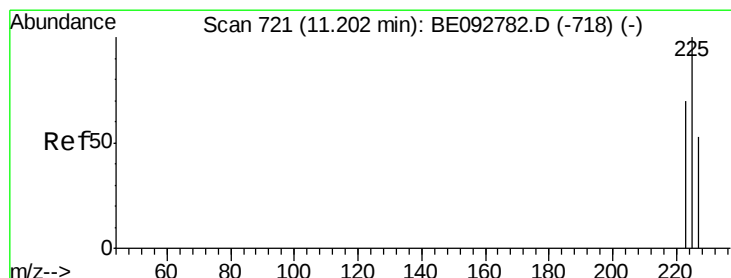
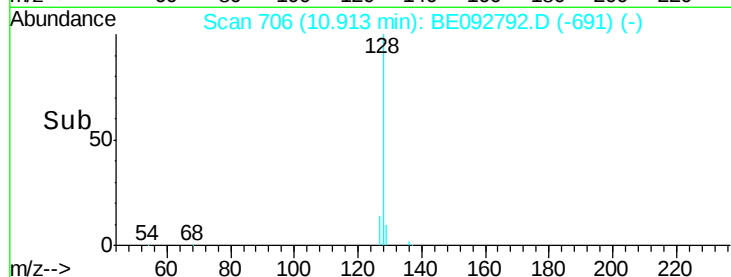
10000

5000

0

10.80 11.00 11.20

Time-->



#10

Hexachlorobutadiene

Concen: 4.07 ng

RT: 11.20 min Scan# 721

Delta R.T. -0.02 min

Lab File: BE092792.D

Acq: 6 Mar 2017 18:17

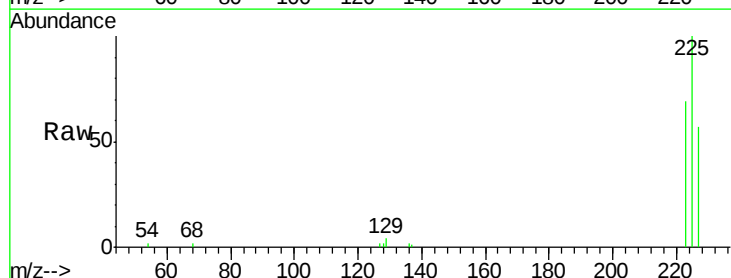
Tgt Ion:225 Resp: 6021

Ion Ratio Lower Upper

225 100

223 63.6 50.6 76.0

227 62.9 51.4 77.0



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

4000

3000

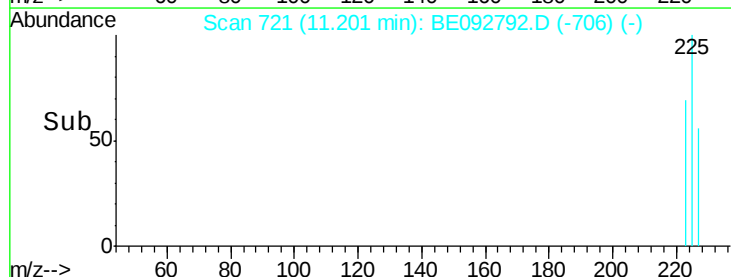
2000

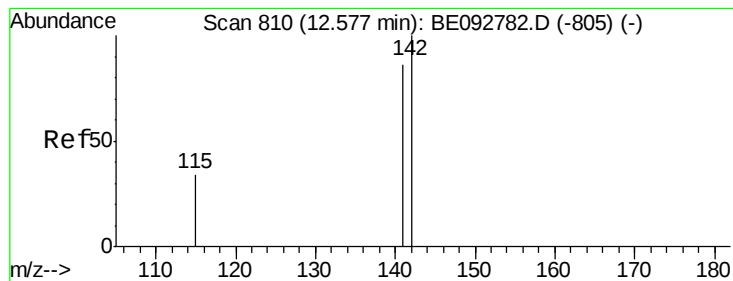
1000

0

11.00 11.20 11.40

Time-->





#11

2-Methylnaphthalene

Concen: 3.85 ng

RT: 12.54 min Scan# 807

Delta R.T. -0.05 min

Lab File: BE092792.D

Acq: 6 Mar 2017 18:17

Instrument :

BNA_E

ClientSampleId :

PB97289BS

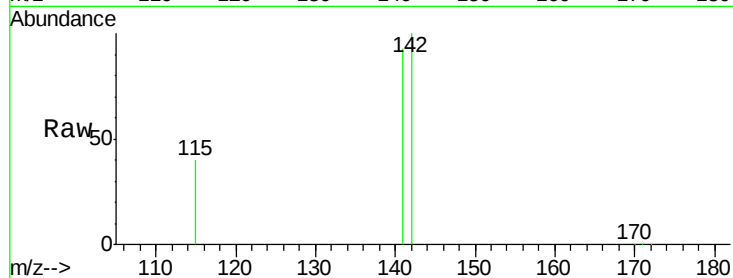
Tgt Ion:142 Resp: 25544

Ion Ratio Lower Upper

142 100

141 93.3 73.7 110.5

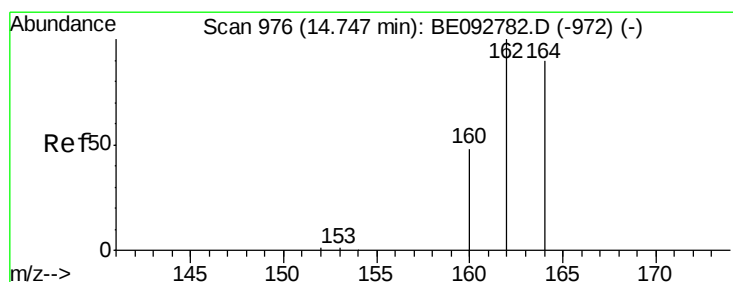
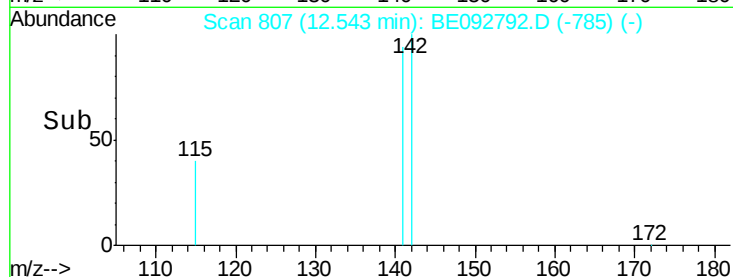
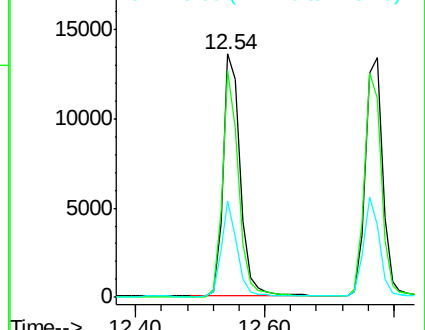
115 39.7 34.0 51.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.75 min Scan# 976

Delta R.T. -0.02 min

Lab File: BE092792.D

Acq: 6 Mar 2017 18:17

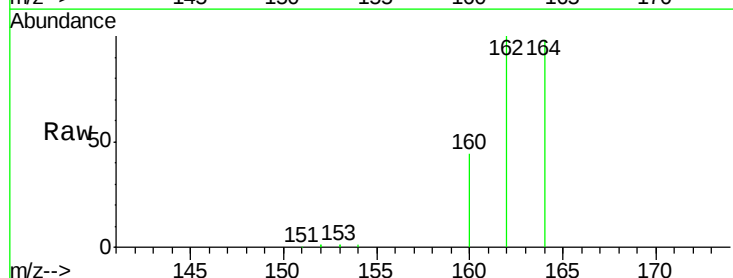
Tgt Ion:164 Resp: 24668

Ion Ratio Lower Upper

164 100

162 102.1 71.4 107.0

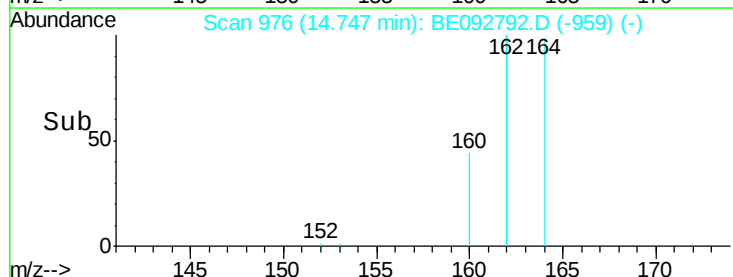
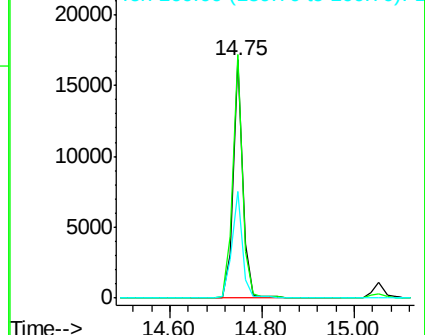
160 44.9 27.4 41.2#

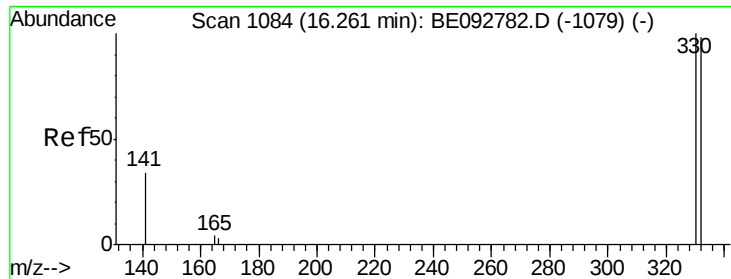


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

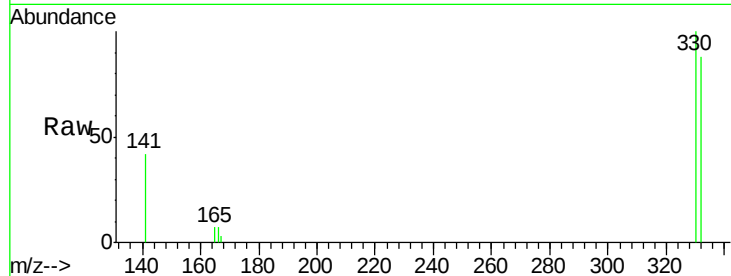




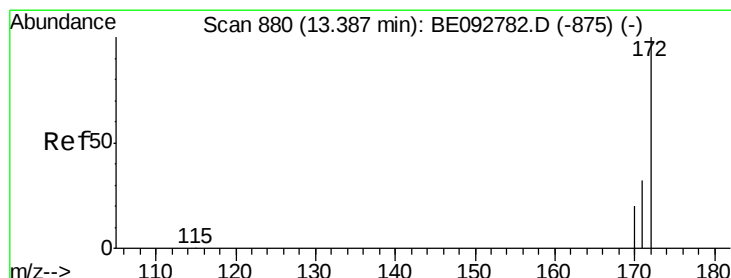
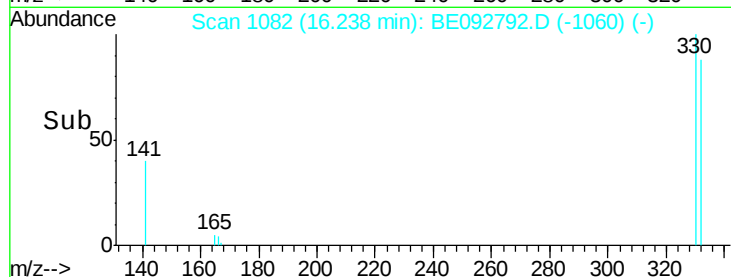
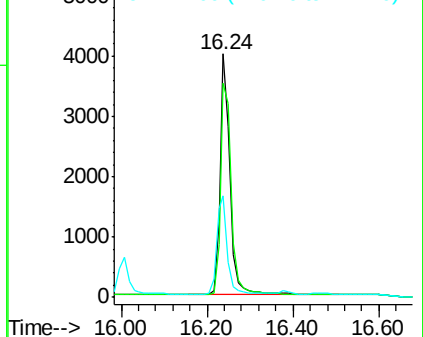
#13
 2,4,6-Tribromophenol
 Concen: 10.14 ng
 RT: 16.24 min Scan# 1082
 Delta R.T. -0.04 min
 Lab File: BE092792.D
 Acq: 6 Mar 2017 18:17

Instrument :
 BNA_E
 ClientSampleId :
 PB97289BS

Tgt Ion: 330 Resp: 6584
 Ion Ratio Lower Upper
 330 100
 332 96.7 75.4 113.0
 141 43.4 31.0 46.6

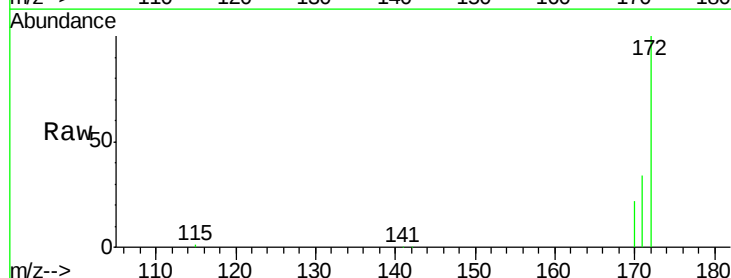


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

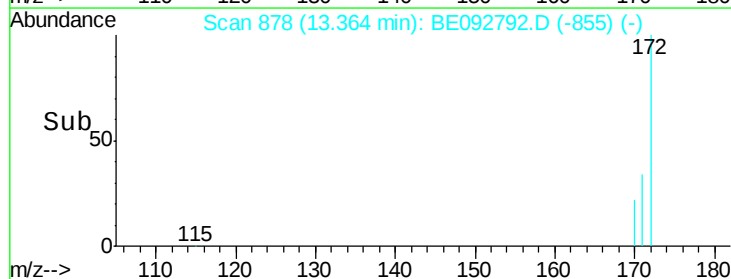
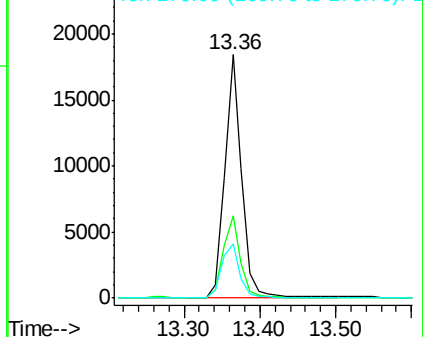


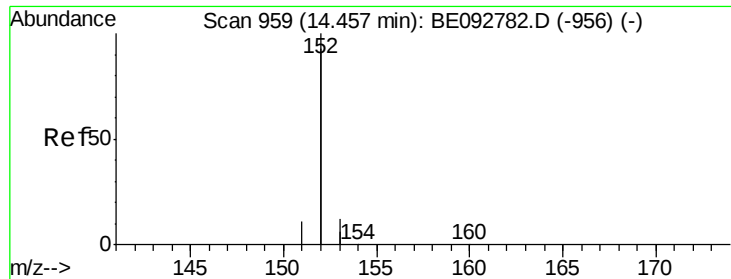
#14
 2-Fluorobiphenyl
 Concen: 4.94 ng
 RT: 13.36 min Scan# 878
 Delta R.T. -0.04 min
 Lab File: BE092792.D
 Acq: 6 Mar 2017 18:17

Tgt Ion: 172 Resp: 28751
 Ion Ratio Lower Upper
 172 100
 171 33.7 30.1 45.1
 170 22.2 21.8 32.6



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





#15

Acenaphthylene

Concen: 4.20 ng

RT: 14.46 min Scan# 959

Delta R.T. -0.02 min

Lab File: BE092792.D

Acq: 6 Mar 2017 18:17

Instrument :

BNA_E

ClientSampleId :

PB97289BS

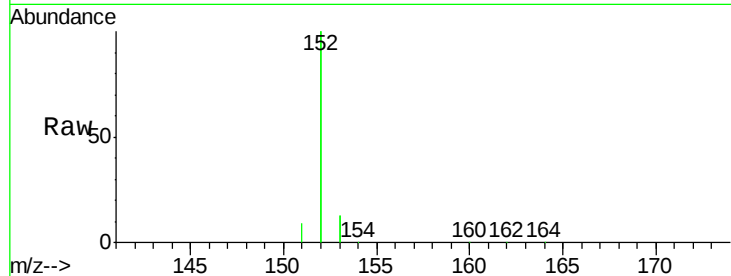
Tgt Ion:152 Resp: 159332

Ion Ratio Lower Upper

152 100

151 4.9 3.9 5.9

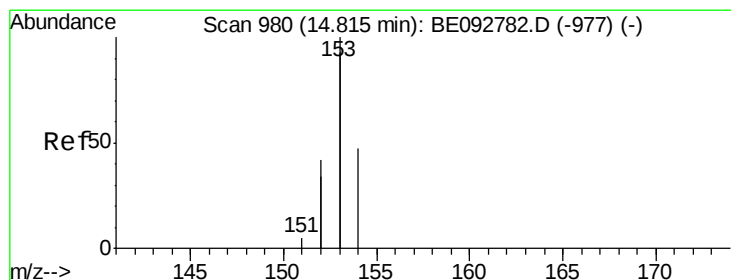
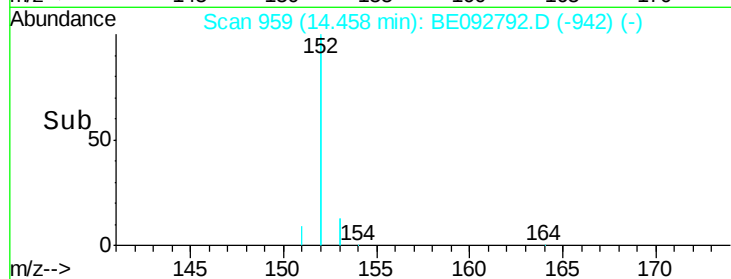
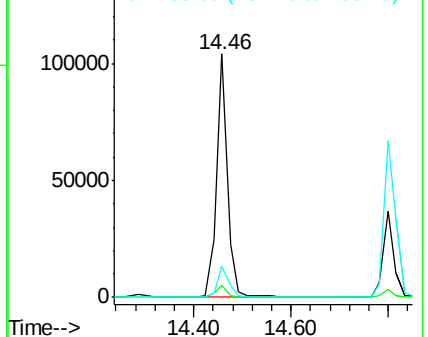
153 13.0 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#16

Acenaphthene

Concen: 4.57 ng

RT: 14.80 min Scan# 979

Delta R.T. -0.03 min

Lab File: BE092792.D

Acq: 6 Mar 2017 18:17

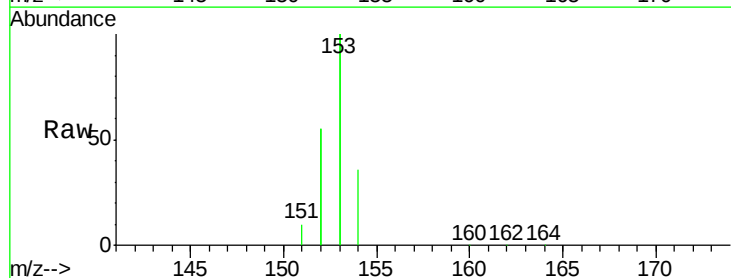
Tgt Ion:154 Resp: 24266

Ion Ratio Lower Upper

154 100

153 455.8 350.8 526.2

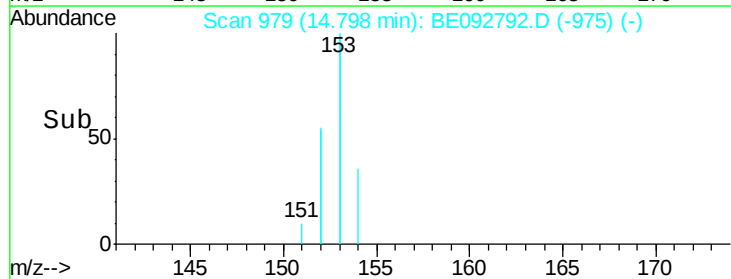
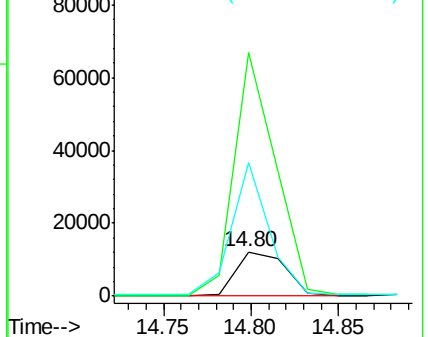
152 225.4 171.1 256.7

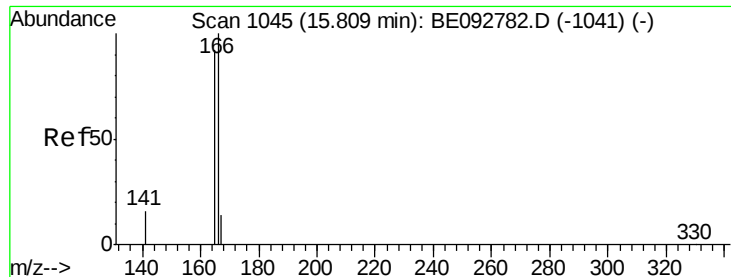


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

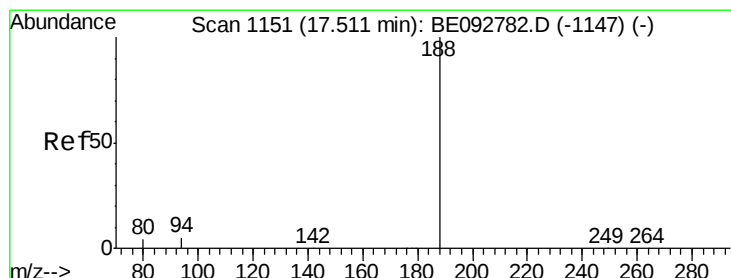
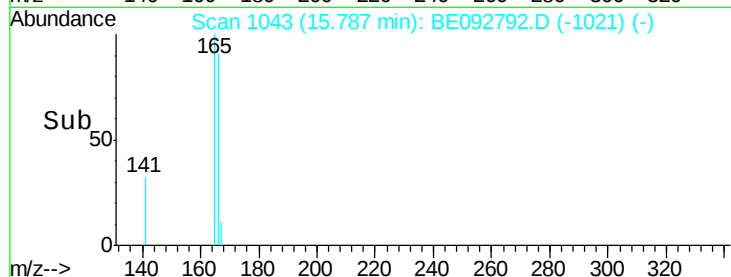
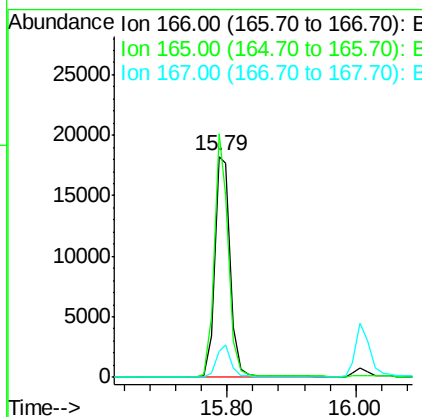
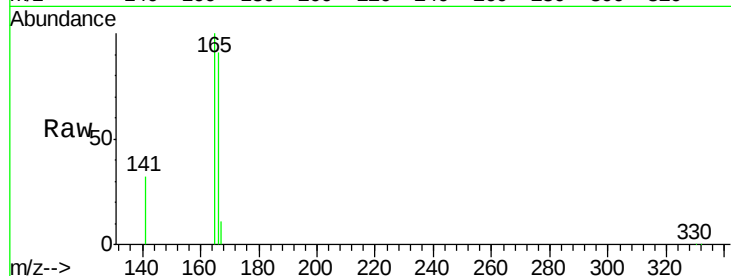




#17
Fluorene
 Concen: 4.33 ng
 RT: 15.79 min Scan# 1043
 Delta R.T. -0.03 min
 Lab File: BE092792.D
 Acq: 6 Mar 2017 18:17

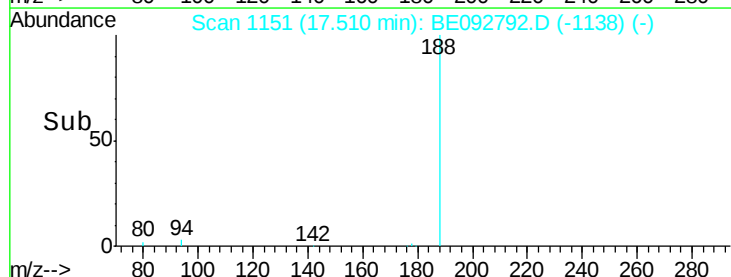
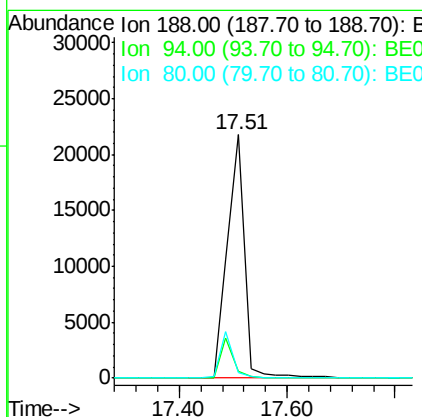
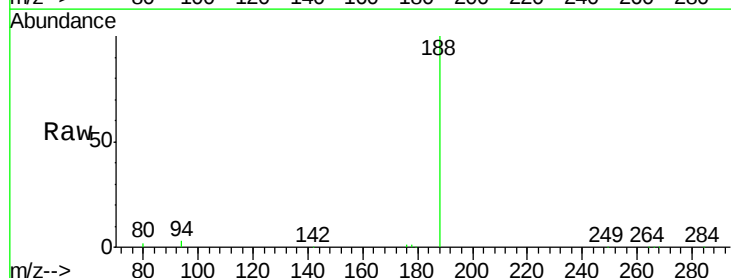
Instrument :
 BNA_E
 ClientSampleId :
 PB97289BS

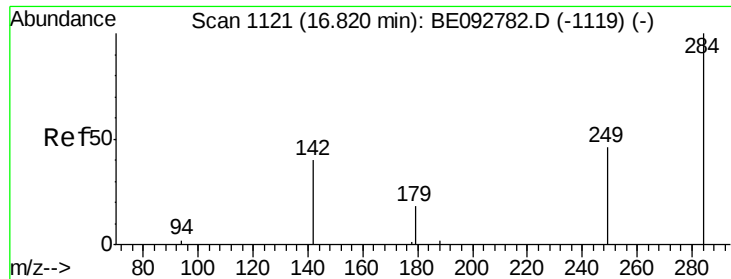
Tgt Ion:166 Resp: 31279
 Ion Ratio Lower Upper
 166 100
 165 99.0 78.2 117.4
 167 13.3 11.0 16.4



#18
Phenanthrene-d10
 Concen: 5.00 ng
 RT: 17.51 min Scan# 1151
 Delta R.T. -0.00 min
 Lab File: BE092792.D
 Acq: 6 Mar 2017 18:17

Tgt Ion:188 Resp: 47030
 Ion Ratio Lower Upper
 188 100
 94 3.0 3.2 4.8#
 80 2.5 2.6 3.8#

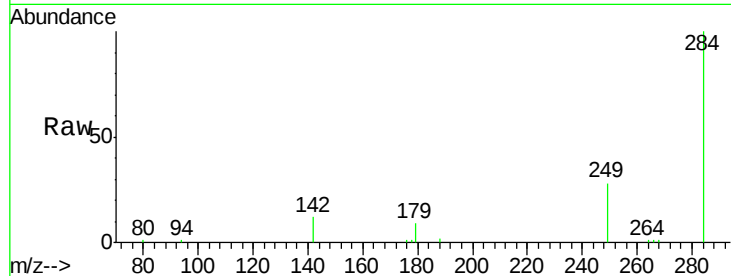




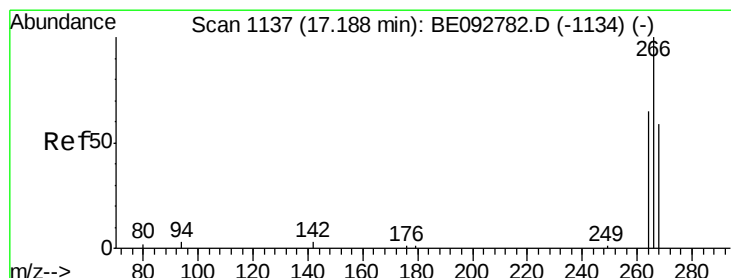
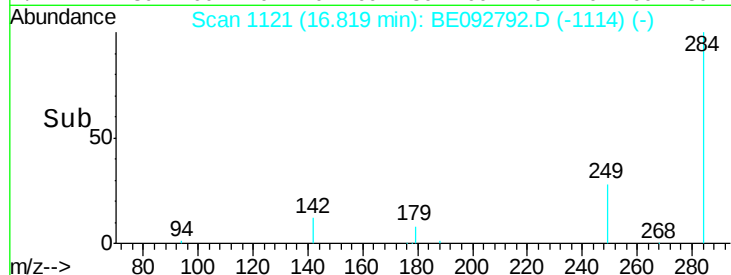
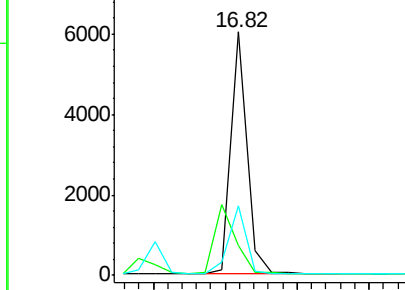
#19
Hexachlorobenzene
Concen: 4.84 ng
RT: 16.82 min Scan# 1121
Delta R.T. -0.02 min
Lab File: BE092792.D
Acq: 6 Mar 2017 18:17

Instrument :
BNA_E
ClientSampleId :
PB97289BS

Tgt Ion:284 Resp: 9311
Ion Ratio Lower Upper
284 100
142 0.0 29.1 43.7#
249 29.8 27.9 41.9

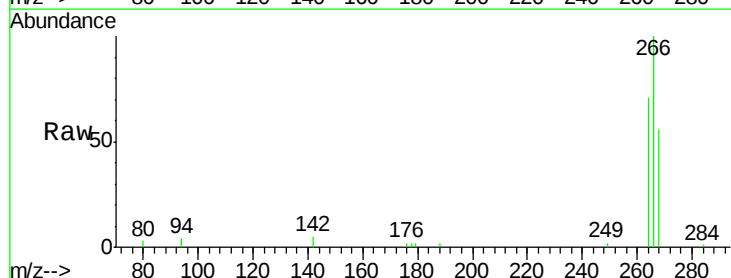


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

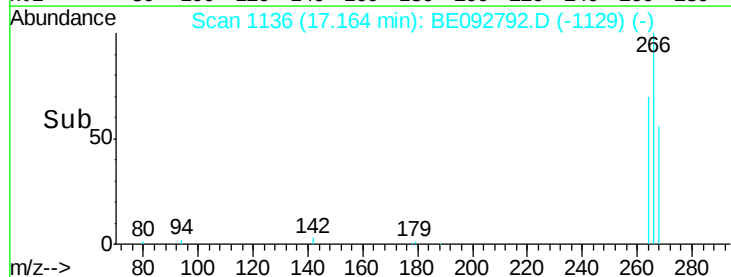
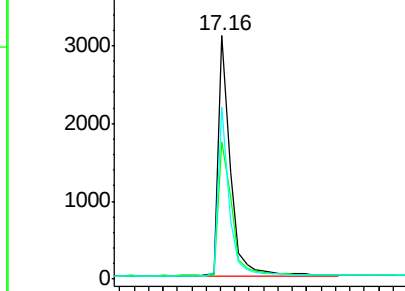


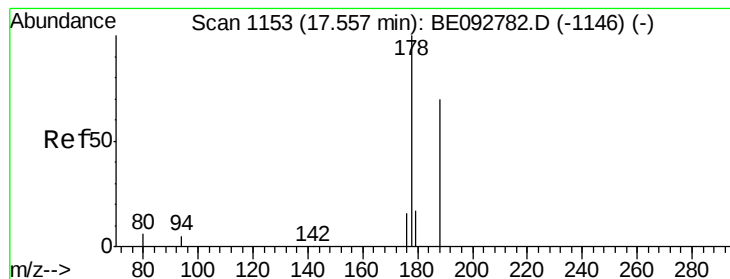
#20
Pentachlorophenol
Concen: 10.24 ng
RT: 17.16 min Scan# 1136
Delta R.T. -0.14 min
Lab File: BE092792.D
Acq: 6 Mar 2017 18:17

Tgt Ion:266 Resp: 7153
Ion Ratio Lower Upper
266 100
268 56.4 62.5 93.7#
264 70.8 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: 4.63 ng

RT: 17.53 min Scan# 1152

Delta R.T. -0.02 min

Lab File: BE092792.D

Acq: 6 Mar 2017 18:17

Instrument :

BNA_E

ClientSampleId :

PB97289BS

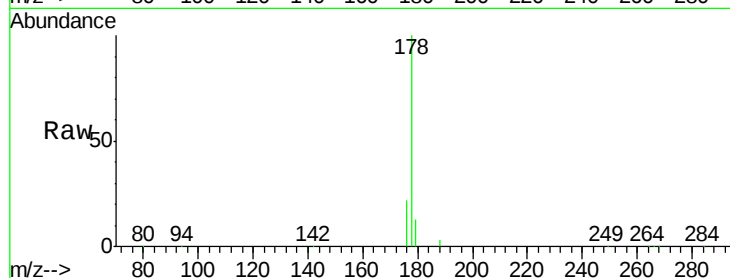
Tgt Ion:178 Resp: 52184

Ion Ratio Lower Upper

178 100

176 20.3 15.8 23.8

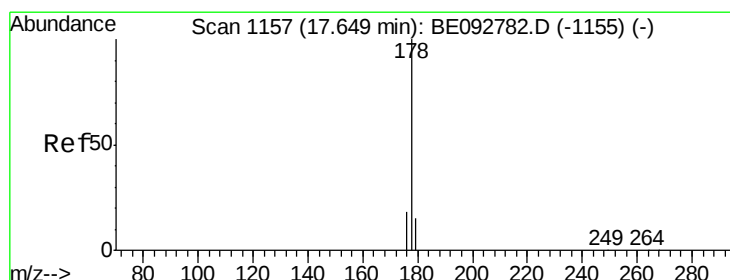
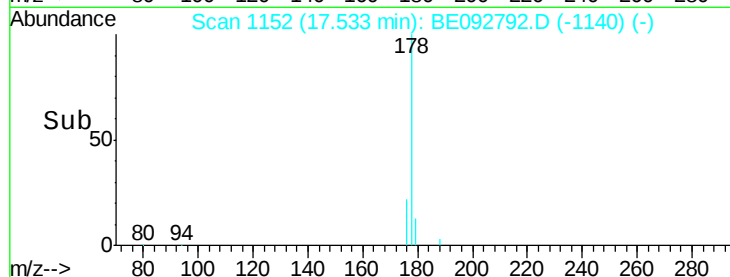
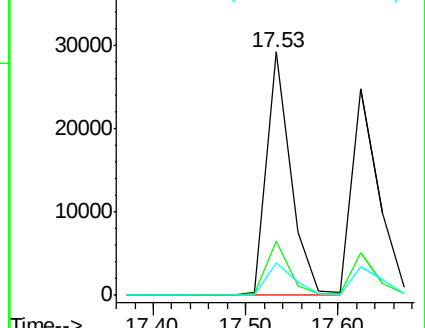
179 14.8 16.0 24.0#



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



#22

Anthracene

Concen: 4.42 ng

RT: 17.62 min Scan# 1156

Delta R.T. -0.02 min

Lab File: BE092792.D

Acq: 6 Mar 2017 18:17

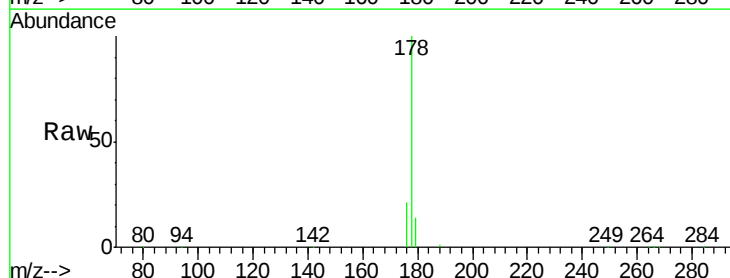
Tgt Ion:178 Resp: 50255

Ion Ratio Lower Upper

178 100

176 19.0 15.0 22.4

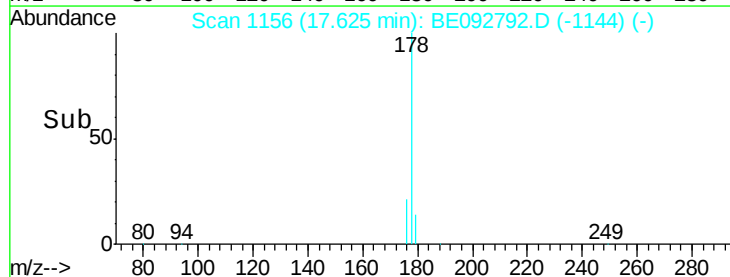
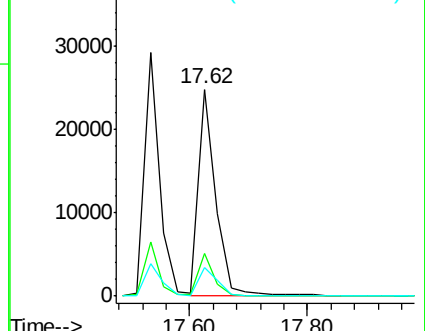
179 15.1 12.2 18.2

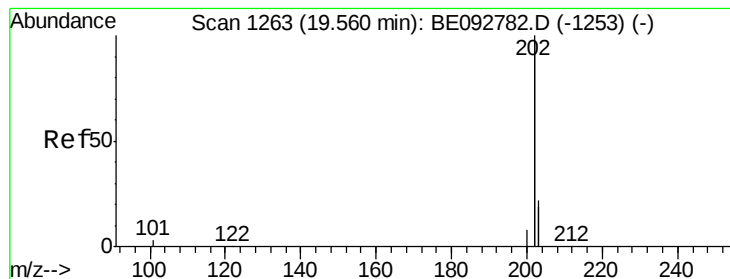


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#23

Fluoranthene

Concen: 4.13 ng

RT: 19.54 min Scan# 1262

Delta R.T. -0.02 min

Lab File: BE092792.D

Acq: 6 Mar 2017 18:17

Instrument :

BNA_E

ClientSampleId :

PB97289BS

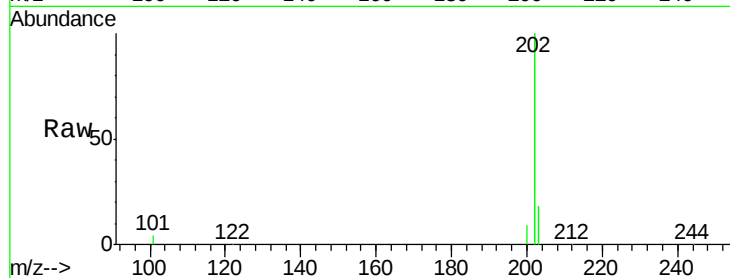
Tgt Ion:202 Resp: 226963

Ion Ratio Lower Upper

202 100

101 2.9 2.2 3.4

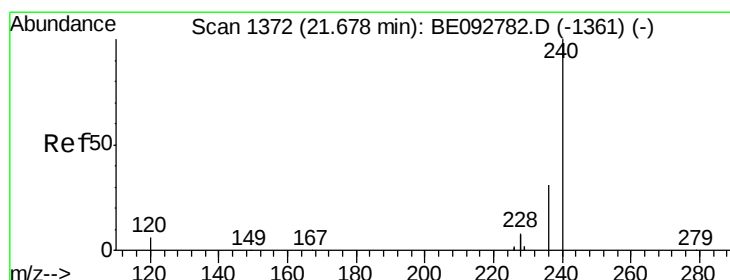
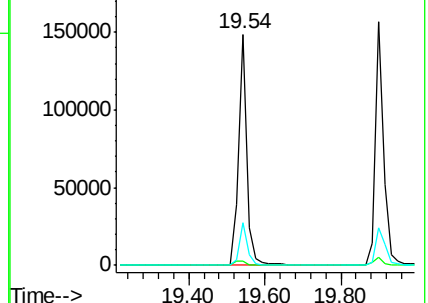
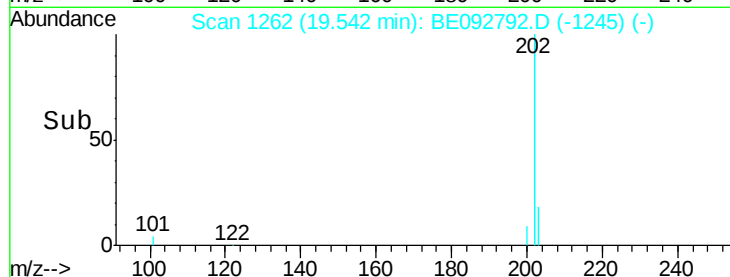
203 17.7 13.7 20.5



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: 21.68 min Scan# 1372

Delta R.T. -0.02 min

Lab File: BE092792.D

Acq: 6 Mar 2017 18:17

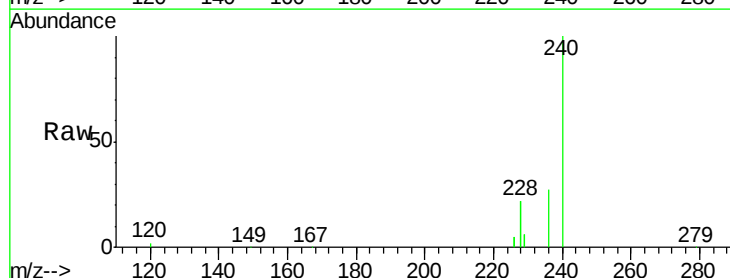
Tgt Ion:240 Resp: 71981

Ion Ratio Lower Upper

240 100

120 2.3 2.6 4.0#

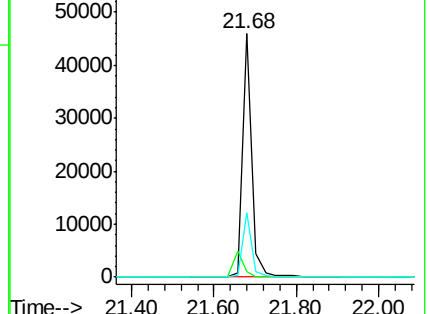
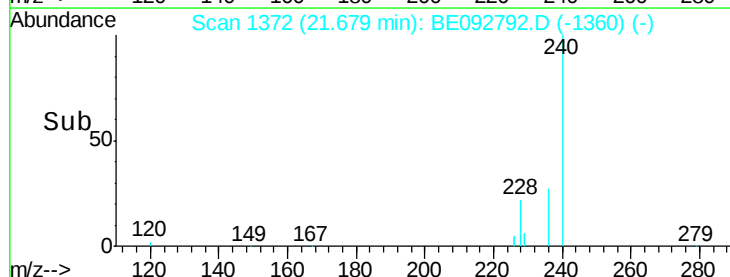
236 26.7 24.6 37.0

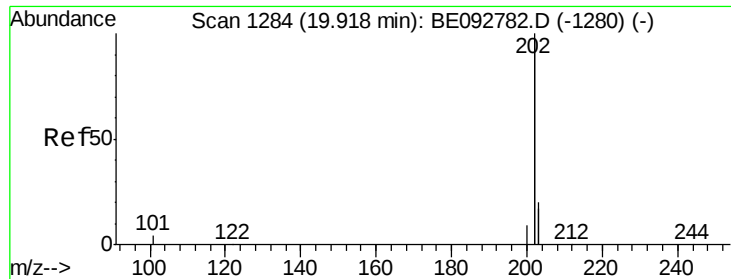


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

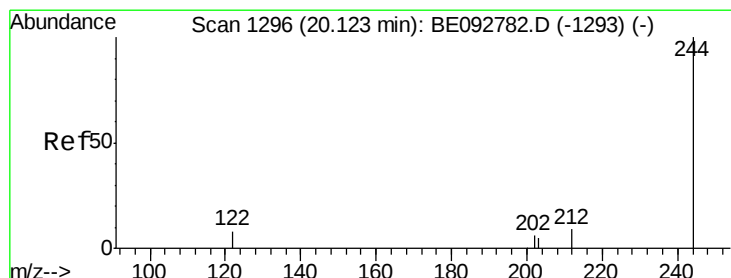
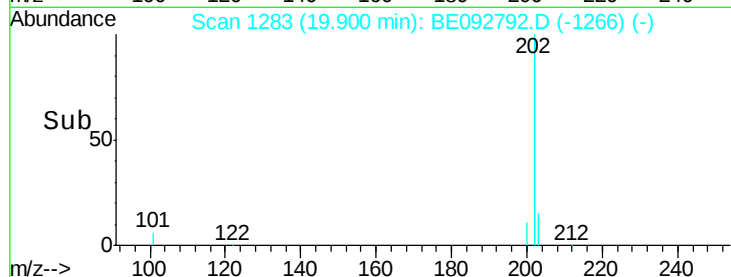
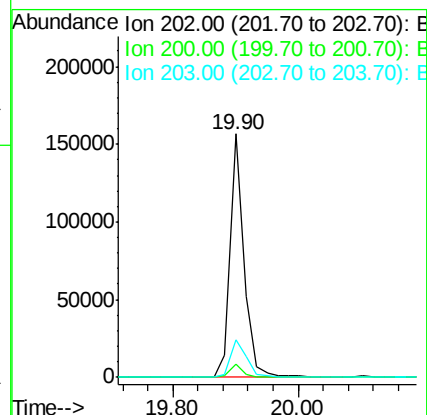
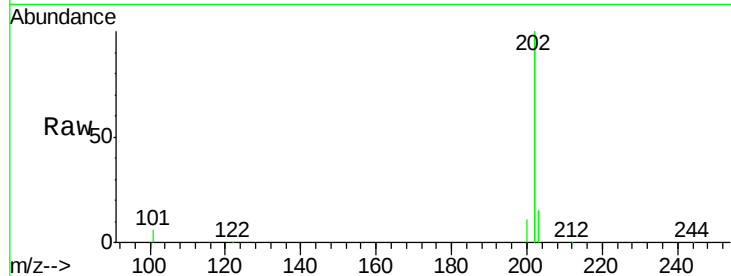




#25
 Pyrene
 Concen: 3.68 ng
 RT: 19.90 min Scan# 1283
 Delta R.T. -0.02 min
 Lab File: BE092792.D
 Acq: 6 Mar 2017 18:17

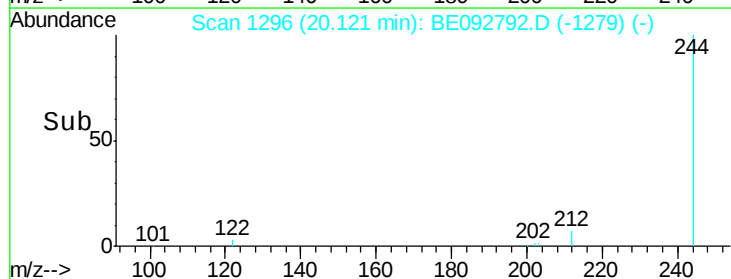
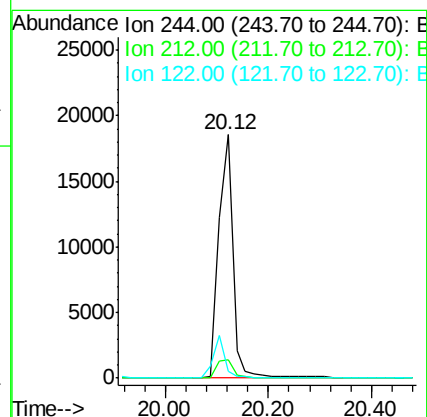
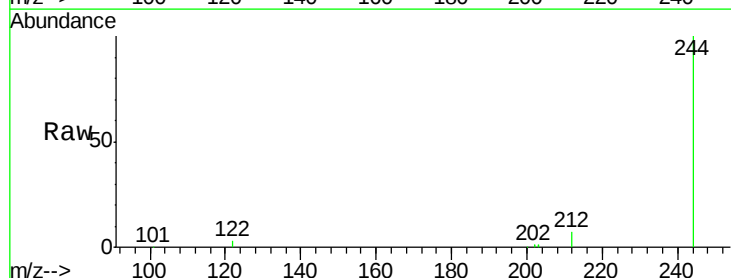
Instrument :
 BNA_E
 ClientSampleId :
 PB97289BS

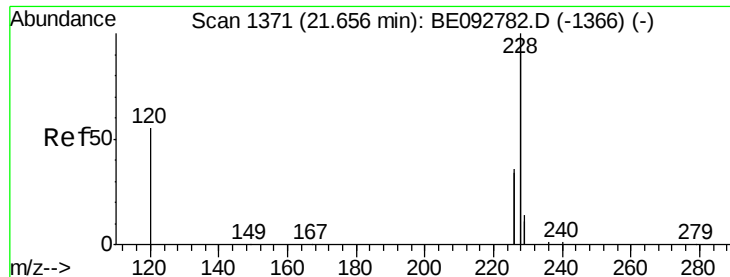
Tgt Ion: 202 Resp: 239663
 Ion Ratio Lower Upper
 202 100
 200 5.2 4.2 6.4
 203 17.9 13.9 20.9



#26
 Terphenyl-d14
 Concen: 4.03 ng
 RT: 20.12 min Scan# 1296
 Delta R.T. -0.02 min
 Lab File: BE092792.D
 Acq: 6 Mar 2017 18:17

Tgt Ion: 244 Resp: 35009
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.7 10.1
 122 2.8 3.6 5.4#

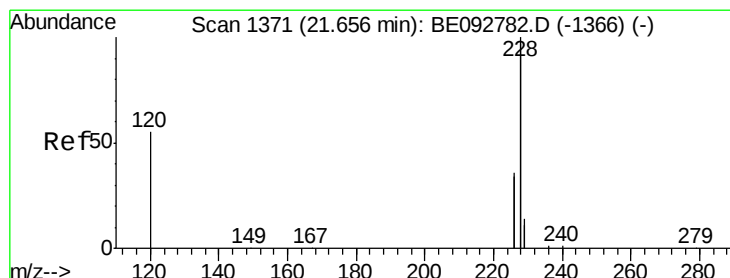
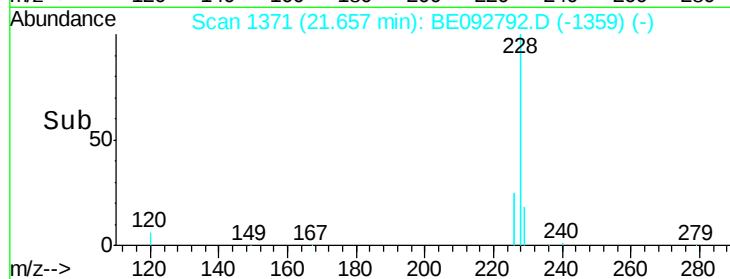
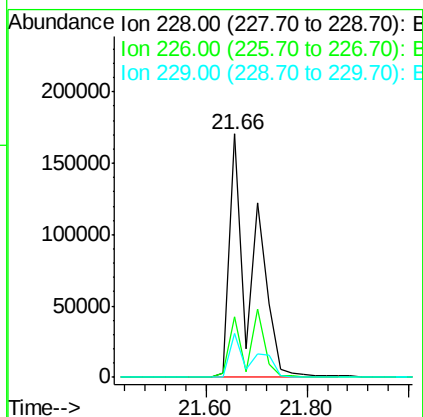
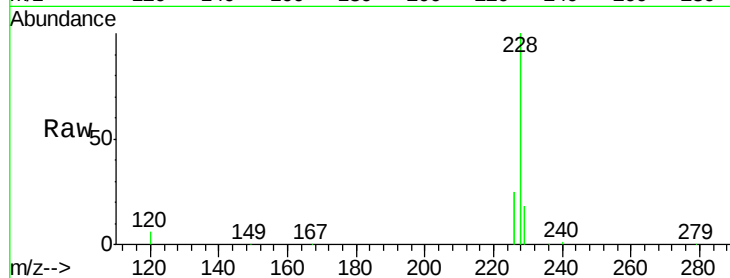




#27
Benzo(a)anthracene
Concen: 6.85 ng
RT: 21.66 min Scan# 1371
Delta R.T. -0.02 min
Lab File: BE092792.D
Acq: 6 Mar 2017 18:17

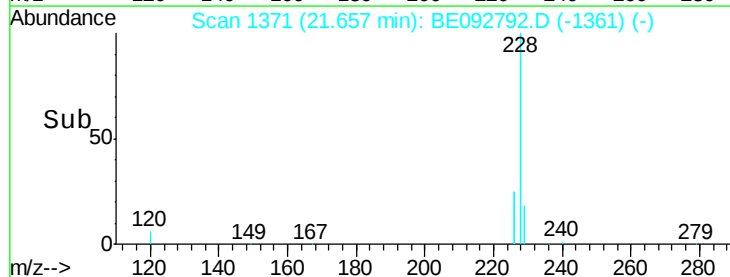
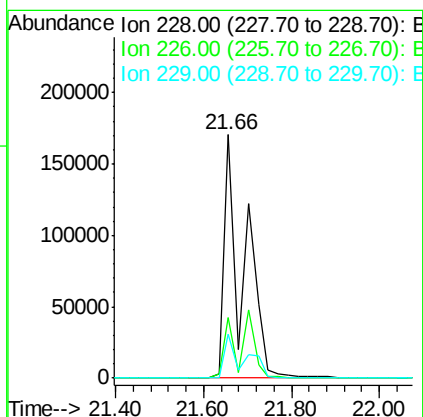
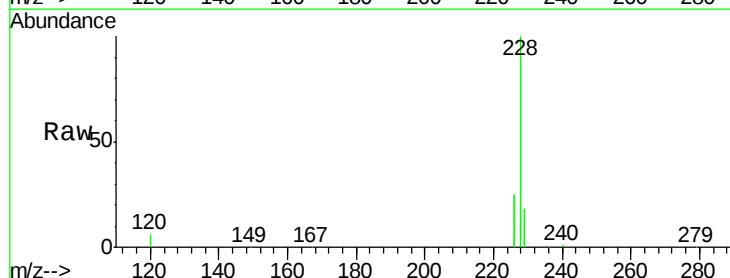
Instrument :
BNA_E
ClientSampleId :
PB97289BS

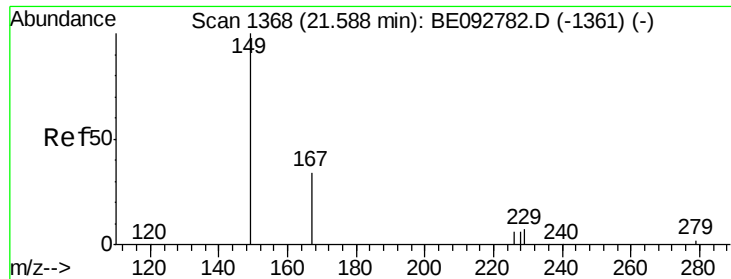
Tgt Ion:228 Resp: 514808
Ion Ratio Lower Upper
228 100
226 25.0 23.6 35.4
229 18.1 13.3 19.9



#28
Chrysene
Concen: 7.82 ng
RT: 21.66 min Scan# 1371
Delta R.T. -0.07 min
Lab File: BE092792.D
Acq: 6 Mar 2017 18:17

Tgt Ion:228 Resp: 516245
Ion Ratio Lower Upper
228 100
226 25.0 36.3 54.5#
229 18.1 10.6 16.0#





#29

Bis(2-ethylhexyl)phthalate

Concen: 3.28 ng

RT: 21.57 min Scan# 1367

Delta R.T. -0.02 min

Lab File: BE092792.D

Acq: 6 Mar 2017 18:17

Instrument :

BNA_E

ClientSampleId :

PB97289BS

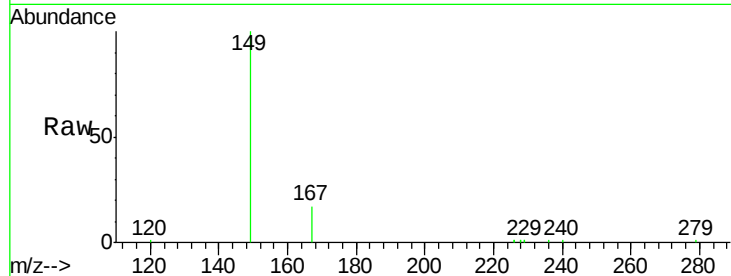
Tgt Ion:149 Resp: 20754

Ion Ratio Lower Upper

149 100

167 0.0 16.0 24.0#

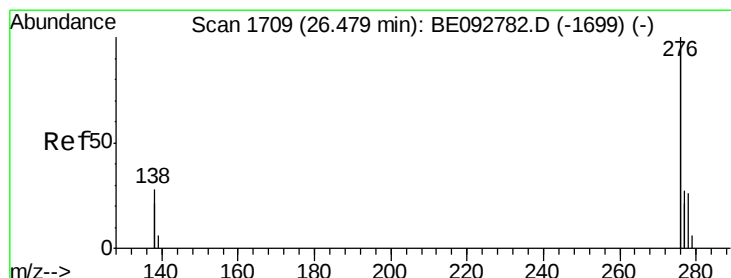
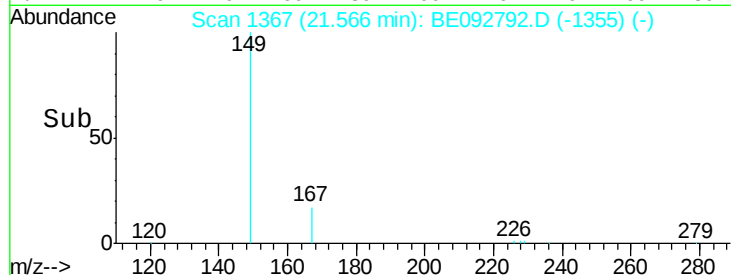
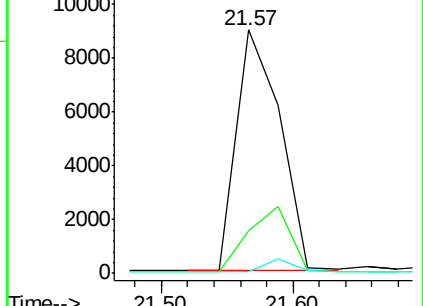
279 0.0 16.0 24.0#



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: 4.35 ng

RT: 26.45 min Scan# 1707

Delta R.T. -0.05 min

Lab File: BE092792.D

Acq: 6 Mar 2017 18:17

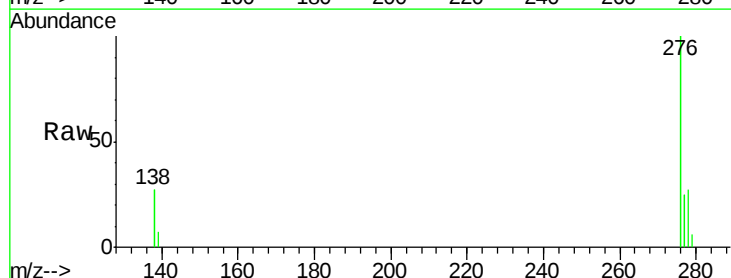
Tgt Ion:276 Resp: 311047

Ion Ratio Lower Upper

276 100

138 28.2 20.3 30.5

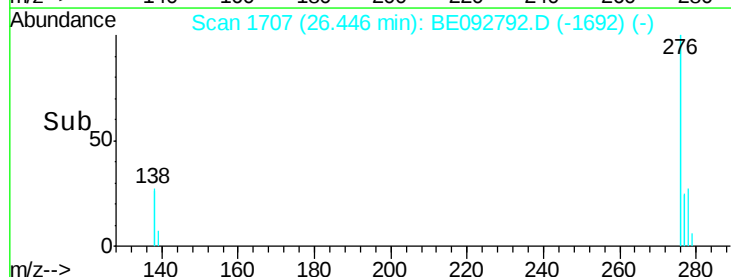
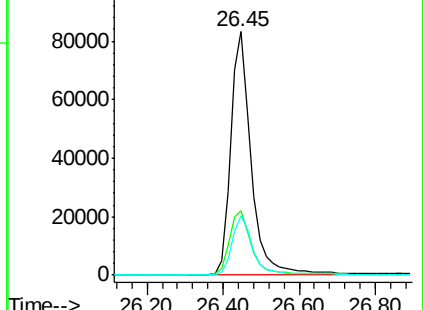
277 24.5 19.7 29.5

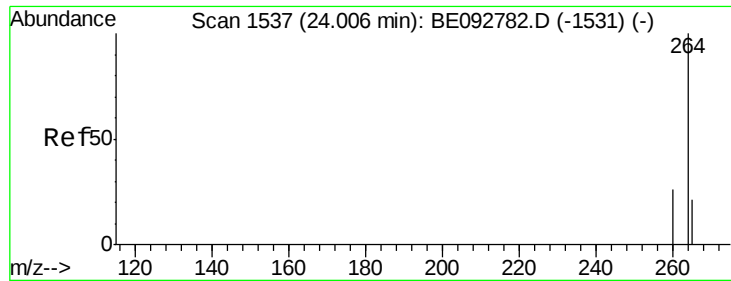


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#31

Perylene-d12

Concen: 5.00 ng

RT: 24.01 min Scan# 1537

Delta R.T. -0.02 min

Lab File: BE092792.D

Acq: 6 Mar 2017 18:17

Instrument :

BNA_E

ClientSampleId :

PB97289BS

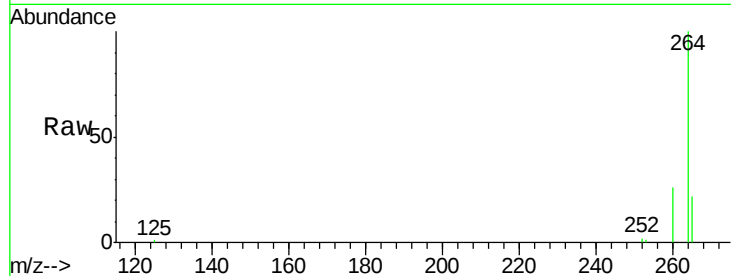
Tgt Ion:264 Resp: 55564

Ion Ratio Lower Upper

264 100

260 25.9 20.1 30.1

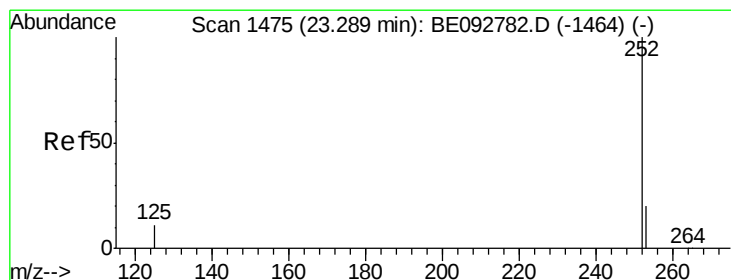
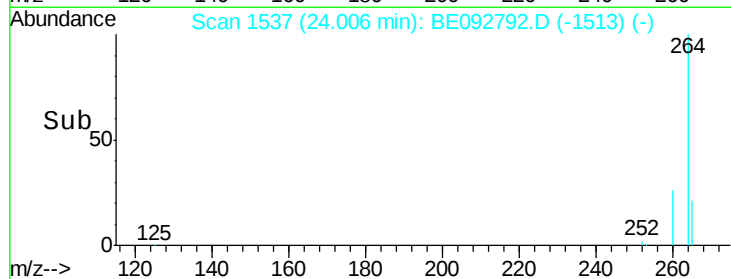
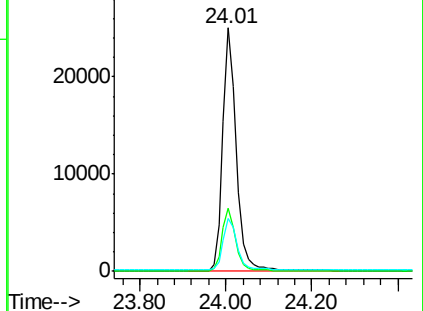
265 21.7 17.9 26.9



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



#32

Benzo(b)fluoranthene

Concen: 4.71 ng

RT: 23.28 min Scan# 1474

Delta R.T. -0.04 min

Lab File: BE092792.D

Acq: 6 Mar 2017 18:17

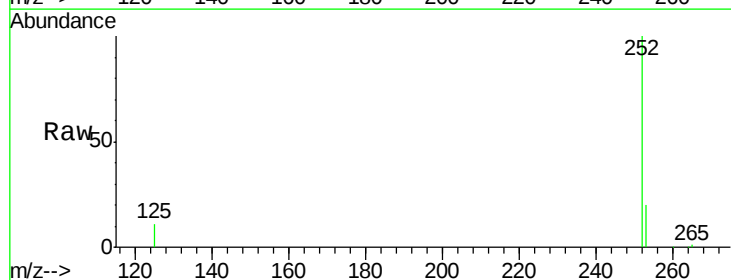
Tgt Ion:252 Resp: 69628

Ion Ratio Lower Upper

252 100

253 20.5 18.7 28.1

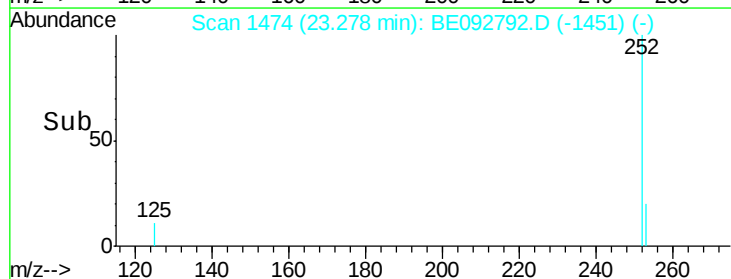
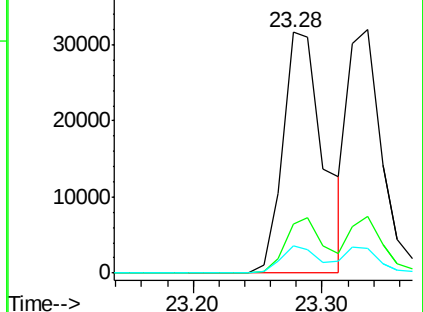
125 11.4 10.5 15.7

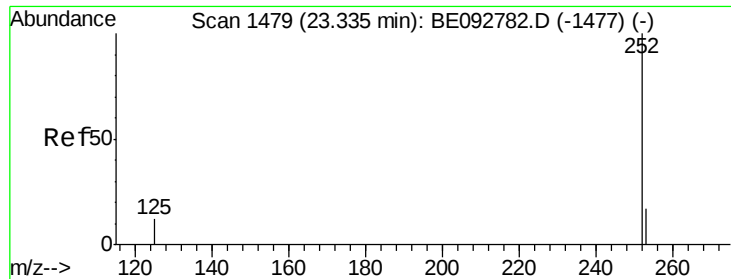


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

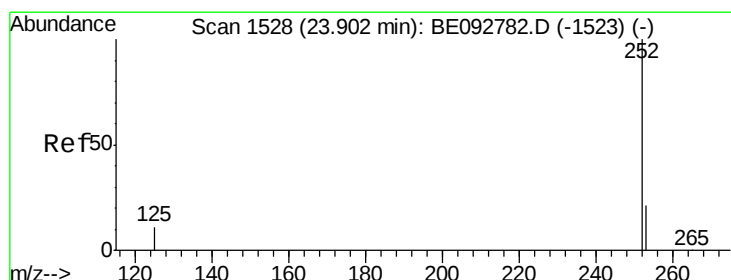
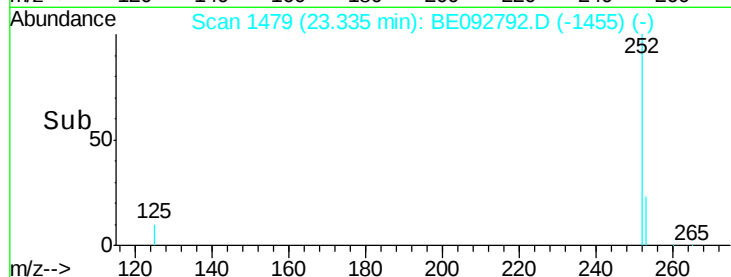
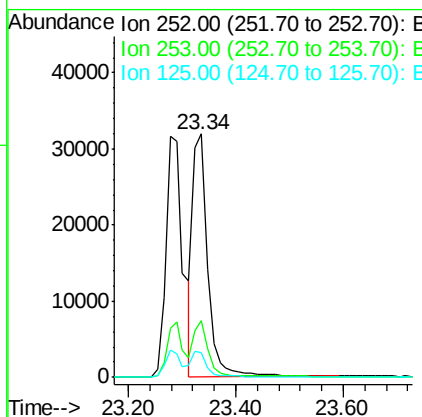
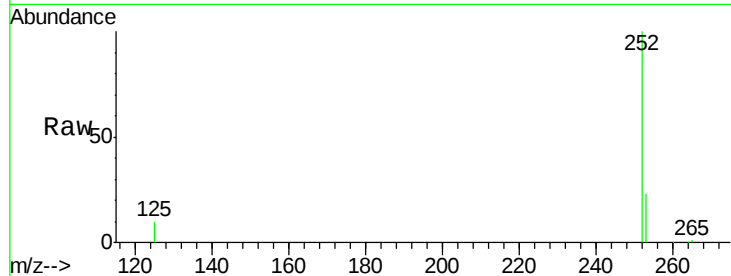




#33
Benzo(k)fluoranthene
Concen: 4.05 ng
RT: 23.34 min Scan# 1479
Delta R.T. -0.02 min
Lab File: BE092792.D
Acq: 6 Mar 2017 18:17

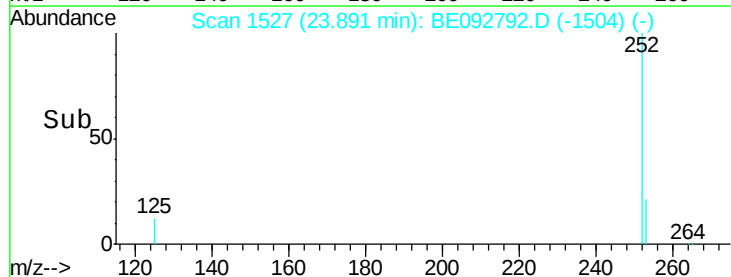
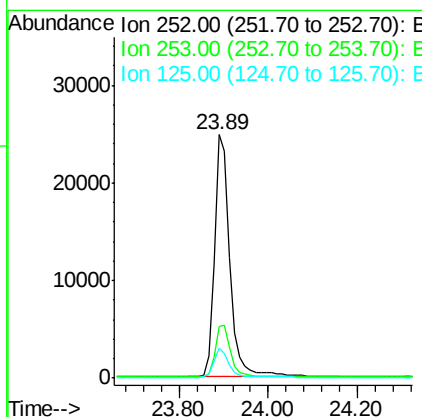
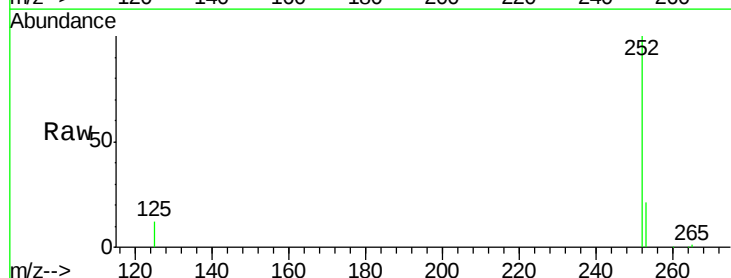
Instrument :
BNA_E
ClientSampleId :
PB97289BS

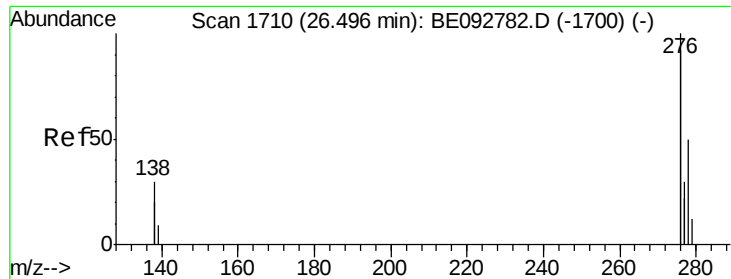
Tgt Ion:252 Resp: 60220
Ion Ratio Lower Upper
252 100
253 23.1 20.3 30.5
125 10.0 9.6 14.4



#34
Benzo(a)pyrene
Concen: 4.44 ng
RT: 23.89 min Scan# 1527
Delta R.T. -0.04 min
Lab File: BE092792.D
Acq: 6 Mar 2017 18:17

Tgt Ion:252 Resp: 59704
Ion Ratio Lower Upper
252 100
253 21.1 19.0 28.6
125 12.4 11.8 17.8

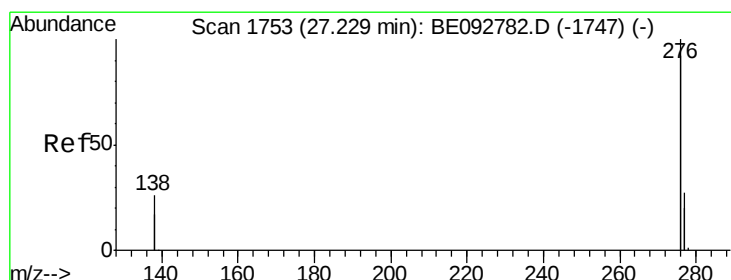
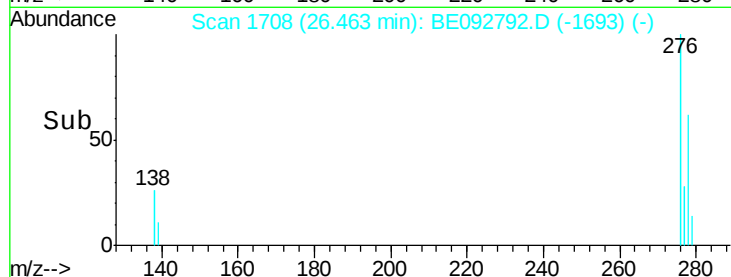
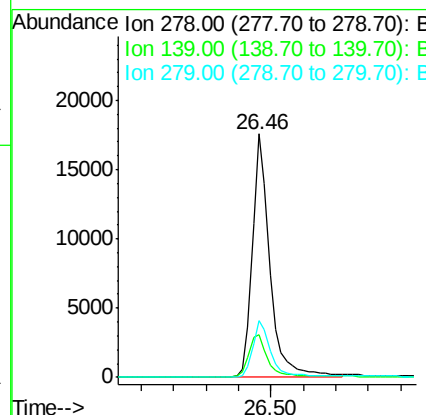
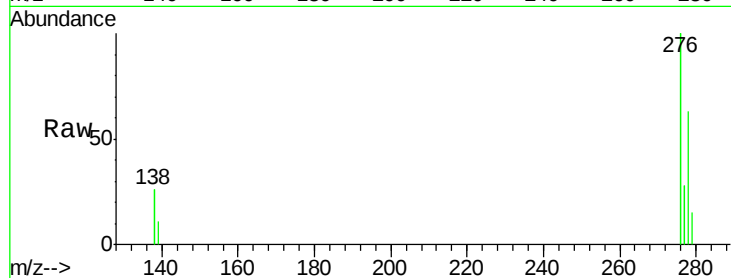




#35
Dibenzo(a,h)anthracene
Concen: 5.08 ng
RT: 26.46 min Scan# 1708
Delta R.T. -0.05 min
Lab File: BE092792.D
Acq: 6 Mar 2017 18:17

Instrument :
BNA_E
ClientSampleId :
PB97289BS

Tgt Ion: 278 Resp: 65319
Ion Ratio Lower Upper
278 100
139 17.7 13.8 20.8
279 23.5 21.4 32.2



#36
Benzo(g,h,i)perylene
Concen: 4.79 ng
RT: 27.20 min Scan# 1751
Delta R.T. -0.05 min
Lab File: BE092792.D
Acq: 6 Mar 2017 18:17

Tgt Ion: 276 Resp: 263572
Ion Ratio Lower Upper
276 100
277 23.4 19.8 29.8
138 23.2 19.8 29.6

