

Data Path : Z:\HPCHEM1\BNA E\DATA\BE032817\
 Data File : BE092847.D
 Acq On : 28 Mar 2017 22:08
 Operator : SJ/MA
 Sample : PB97858BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB97858BS

Quant Time: Mar 29 04:57:48 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE032817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 28 14:58:05 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	8863	5.00	ng	0.00
7) Naphthalene-d8	10.54	136	37598	5.00	ng	0.00
12) Acenaphthene-d10	14.40	164	17006	5.00	ng	0.00
18) Phenanthrene-d10	17.13	188	32321	5.00	ng	-0.02
24) Chrysene-d12	21.28	240	36467	5.00	ng	-0.02
31) Perylene-d12	23.71	264	29375	5.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.36	112	20247	9.81	ng	0.00
5) Phenol-d6	6.94	99	28657	9.46	ng	0.00
8) Nitrobenzene-d5	8.93	82	10081	4.67	ng	0.00
13) 2,4,6-Tribromophenol	15.88	330	3045	11.46	ng	0.00
14) 2-Fluorobiphenyl	13.02	172	25030	4.47	ng	-0.01
26) Terphenyl-d14	19.74	244	22513	3.57	ng	-0.02

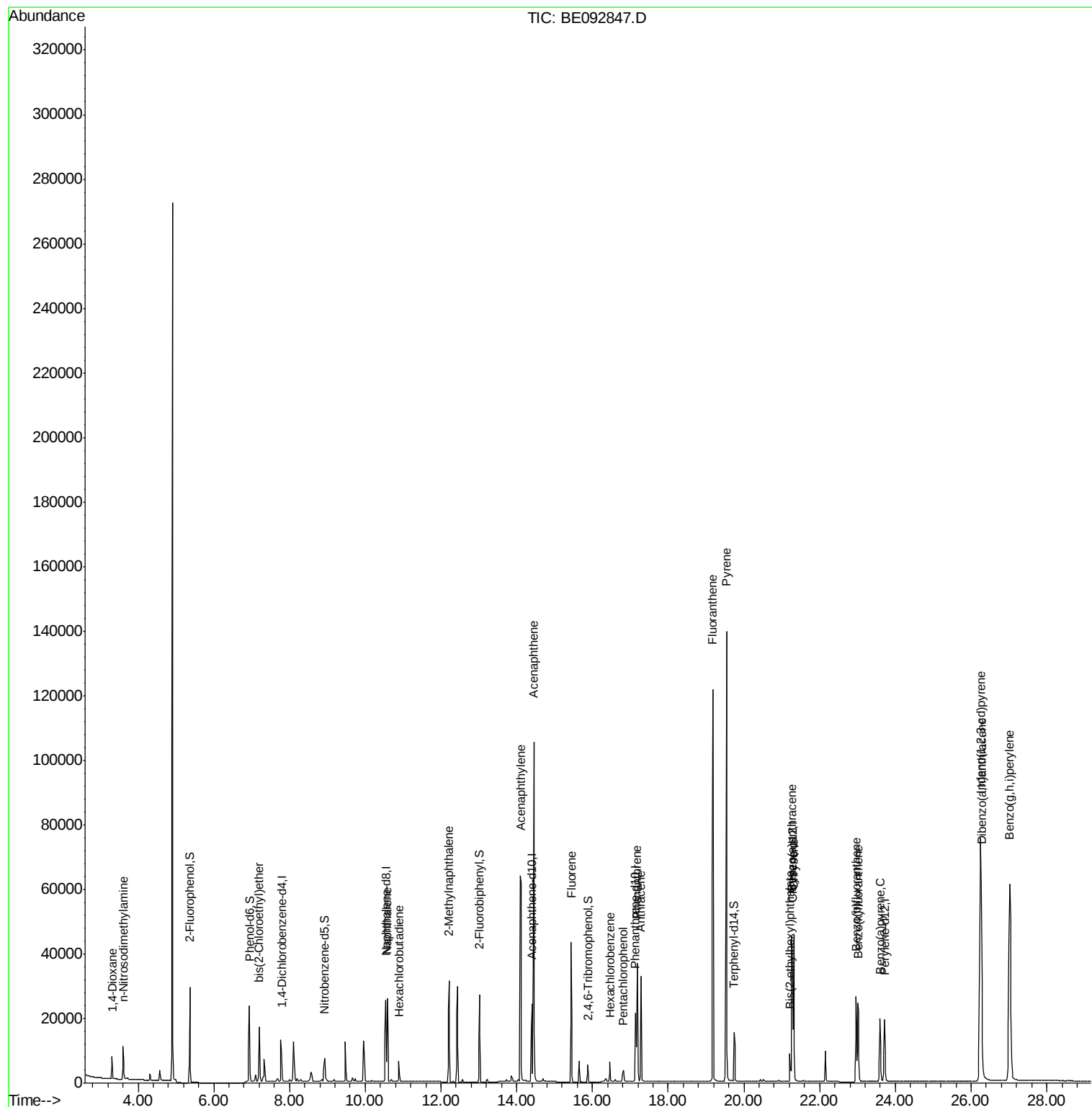
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.32	88	4151	3.50	ng	100
3) n-Nitrosodimethylamine	3.61	42	5771	4.71	ng	83
6) bis(2-Chloroethyl)ether	7.20	93	12590	4.37	ng	# 46
9) Naphthalene	10.58	128	35201	4.28	ng	# 95
10) Hexachlorobutadiene	10.89	225	4755	4.31	ng	99
11) 2-Methylnaphthalene	12.21	142	21952	4.20	ng	# 90
15) Acenaphthylene	14.09	152	116537	4.47	ng	100
16) Acenaphthene	14.45	154	20892	4.49	ng	98
17) Fluorene	15.44	166	24250	4.38	ng	99
19) Hexachlorobenzene	16.47	284	6321	5.27	ng	# 65
20) Pentachlorophenol	16.81	266	3682	9.26	ng	# 86
21) Phenanthrene	17.18	178	40967	5.21	ng	# 94
22) Anthracene	17.27	178	37683	5.27	ng	100
23) Fluoranthene	19.18	202	177527	4.91	ng	# 95
25) Pyrene	19.54	202	166152	4.58	ng	98
27) Benzo(a)anthracene	21.26	228	40143	4.65	ng	98
28) Chrysene	21.31	228	38477	4.22	ng	# 81
29) Bis(2-ethylhexyl)phthalate	21.21	149	10202	3.52	ng	# 76
30) Indeno(1,2,3-cd)pyrene	26.25	276	159957	4.66	ng	# 93
32) Benzo(b)fluoranthene	22.96	252	34206	4.37	ng	97
33) Benzo(k)fluoranthene	23.01	252	34567	4.94	ng	93
34) Benzo(a)pyrene	23.60	252	30567	4.73	ng	98
35) Dibenzo(a,h)anthracene	26.27	278	34747	5.06	ng	# 93
36) Benzo(g,h,i)perylene	27.02	276	140738	4.94	ng	96

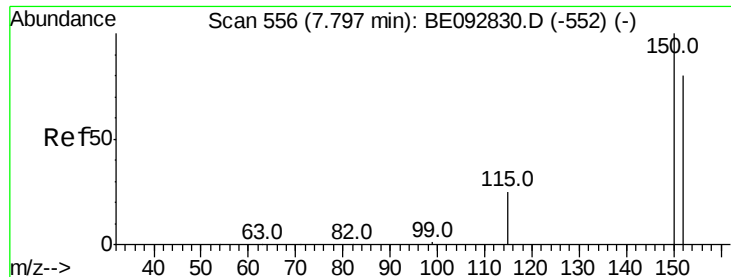
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.80 min Scan# 556

Delta R.T. -0.00 min

Lab File: BE092847.D

Acq: 28 Mar 2017 22:08

Instrument :

BNA_E

ClientSampleId :

PB97858BS

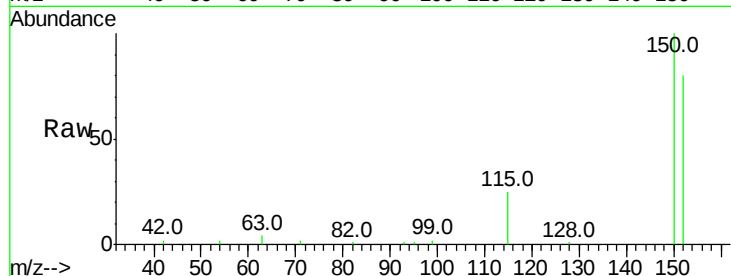
Tot Ion:152 Resp: 8863

Ion Ratio Lower Upper

152 100

150 125.8 106.0 159.0

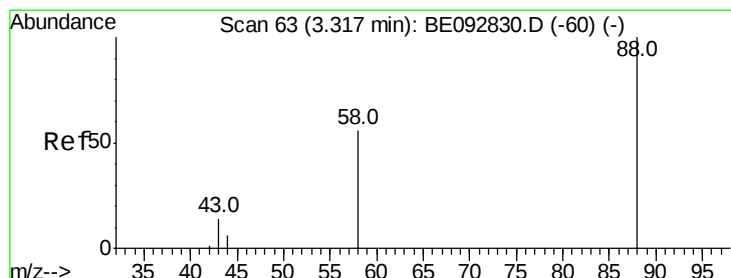
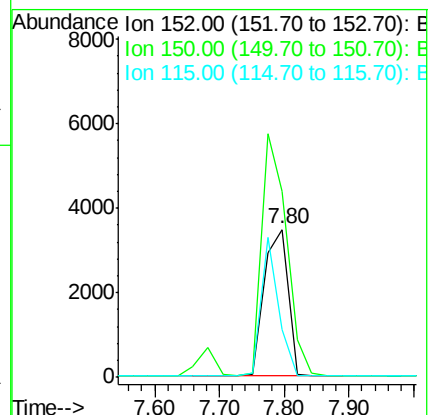
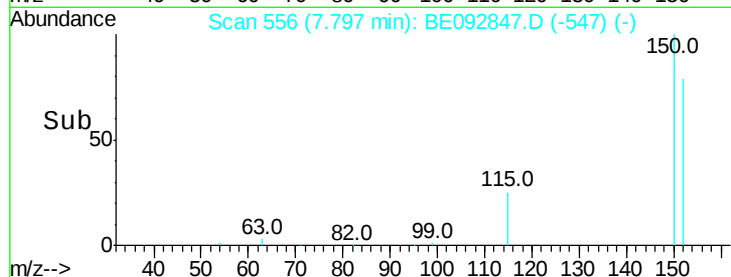
115 31.9 31.2 46.8



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: 3.50 ng

RT: 3.32 min Scan# 63

Delta R.T. 0.00 min

Lab File: BE092847.D

Acq: 28 Mar 2017 22:08

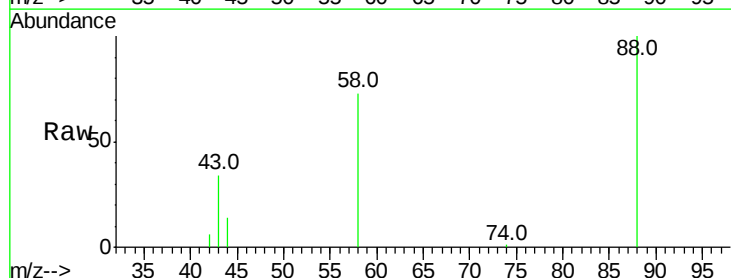
Tgt Ion: 88 Resp: 4151

Ion Ratio Lower Upper

88 100

58 79.6 63.6 95.4

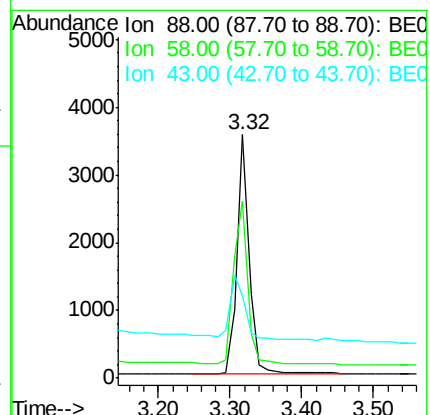
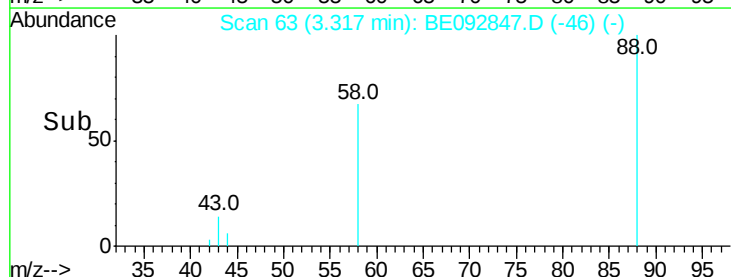
43 35.7 28.0 42.0



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: 4.71 ng

RT: 3.61 min Scan# 88

Delta R.T. 0.00 min

Lab File: BE092847.D

Acq: 28 Mar 2017 22:08

Instrument :

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PB97858BS

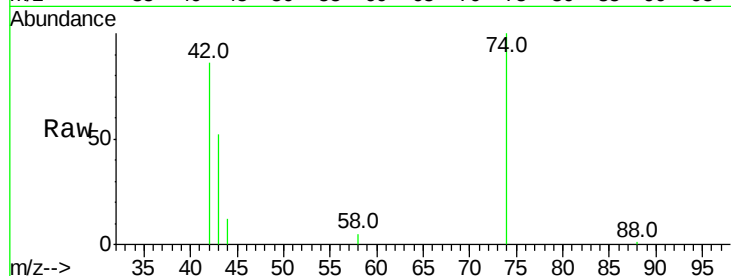
Tot Ion: 42 Resp: 5771

Ion Ratio Lower Upper

42 100

74 125.8 86.0 129.0

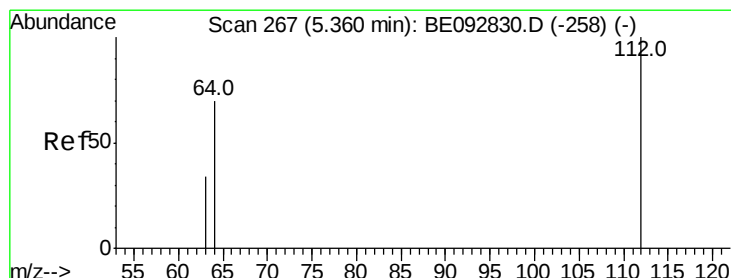
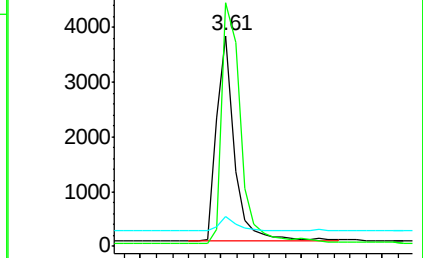
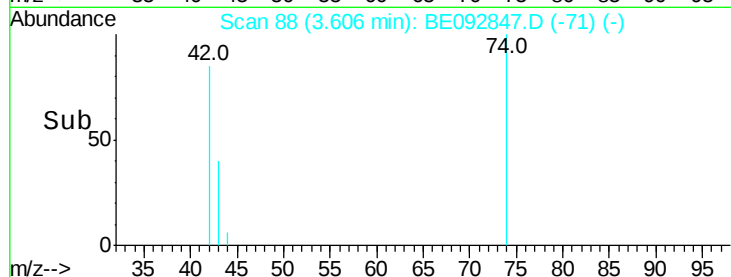
44 6.9 5.1 7.7



Abundance Ion 42.00 (41.70 to 42.70): BE092830.D (-84) (-)

Ion 74.00 (73.70 to 74.70): BE092830.D (-84) (-)

Ion 44.00 (43.70 to 44.70): BE092830.D (-84) (-)



#4

2-Fluorophenol

Concen: 9.81 ng

RT: 5.36 min Scan# 268

Delta R.T. 0.00 min

Lab File: BE092847.D

Acq: 28 Mar 2017 22:08

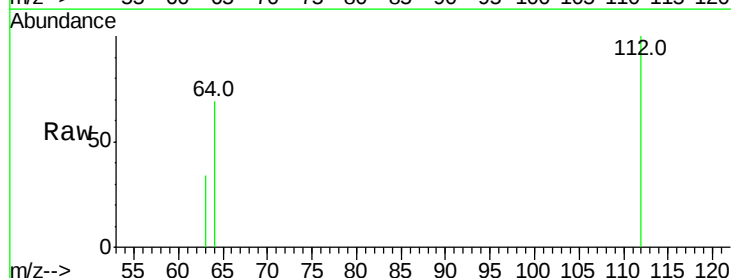
Tgt Ion: 112 Resp: 20247

Ion Ratio Lower Upper

112 100

64 69.0 53.5 80.3

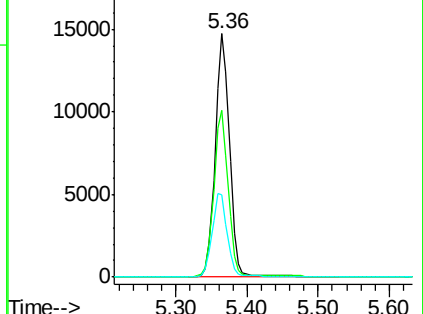
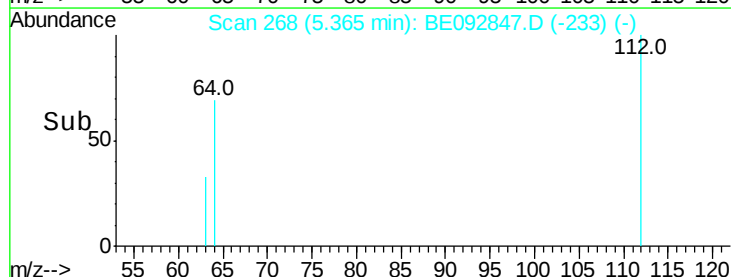
63 35.6 27.9 41.9

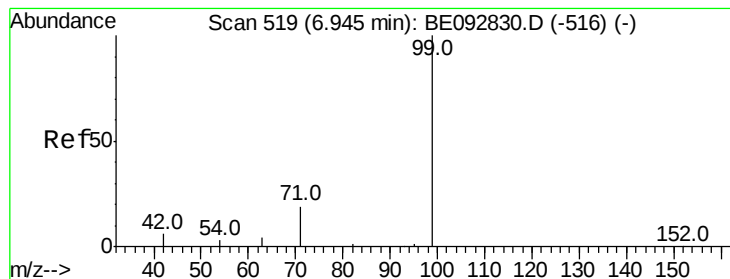


Abundance Ion 112.00 (111.70 to 112.70): BE092830.D (-258) (-)

Ion 64.00 (63.70 to 64.70): BE092830.D (-258) (-)

Ion 63.00 (62.70 to 63.70): BE092830.D (-258) (-)





#5

Phenol-d6

Concen: 9.46 ng

RT: 6.94 min Scan# 519

Delta R.T. -0.00 min

Lab File: BE092847.D

Acq: 28 Mar 2017 22:08

Instrument :

BNA_E

ClientSampleId :

PB97858BS

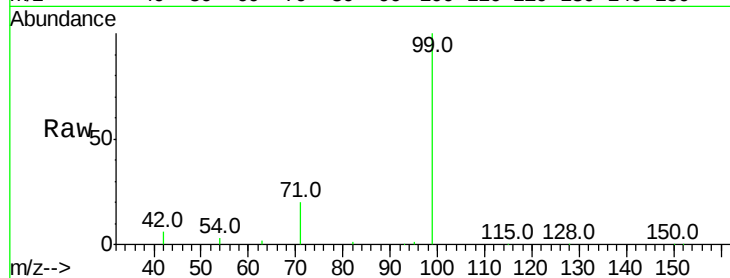
Tot Ion: 99 Resp: 28657

Ion Ratio Lower Upper

99 100

42 0.0 16.0 24.0#

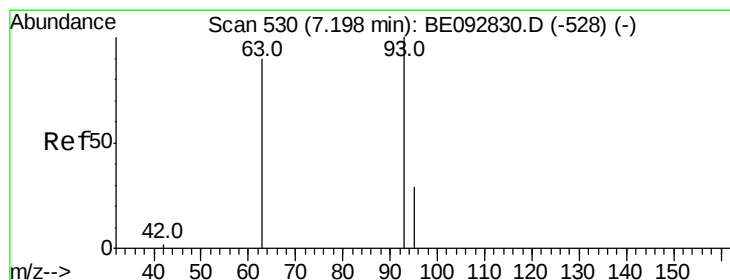
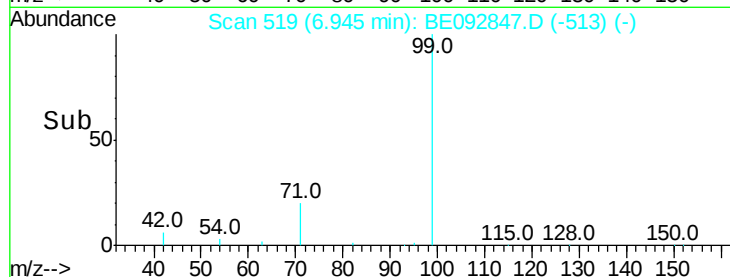
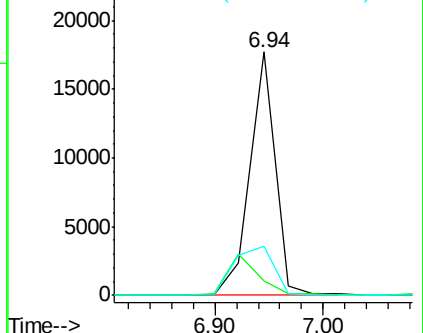
71 31.5 30.6 45.8



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: 4.37 ng

RT: 7.20 min Scan# 530

Delta R.T. -0.00 min

Lab File: BE092847.D

Acq: 28 Mar 2017 22:08

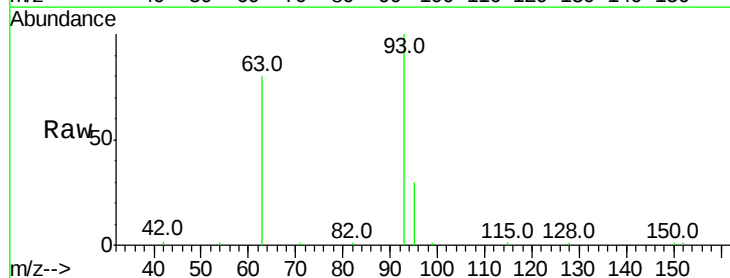
Tgt Ion: 93 Resp: 12590

Ion Ratio Lower Upper

93 100

63 81.4 16.0 24.0#

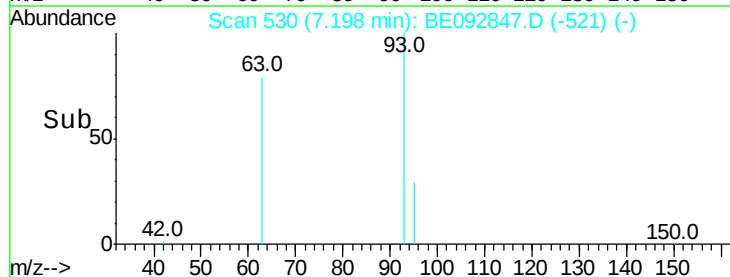
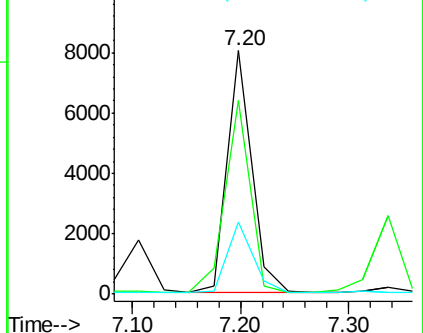
95 30.7 24.0 36.0

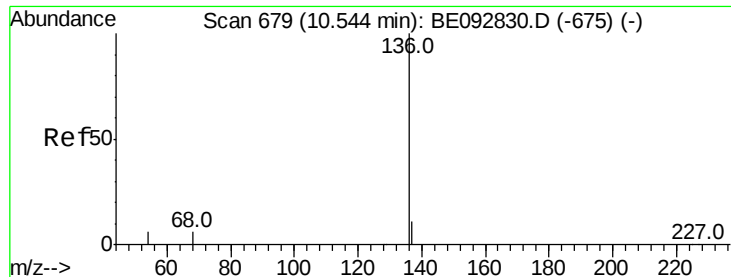


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.54 min Scan# 679

Delta R.T. 0.00 min

Lab File: BE092847.D

Acq: 28 Mar 2017 22:08

Instrument :

BNA_E

ClientSampleId :

PB97858BS

Tot Ion:136 Resp: 37598

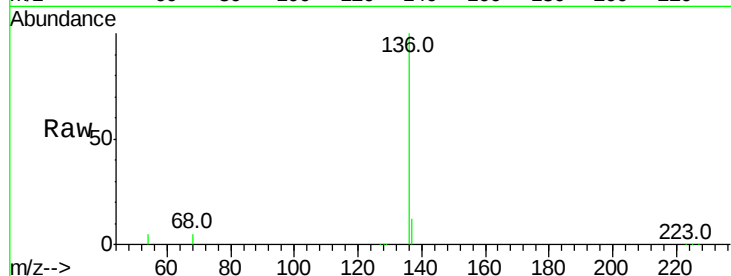
Ion Ratio Lower Upper

136 100

137 11.7 8.2 12.4

54 4.9 9.6 14.4#

68 4.8 6.7 10.1#

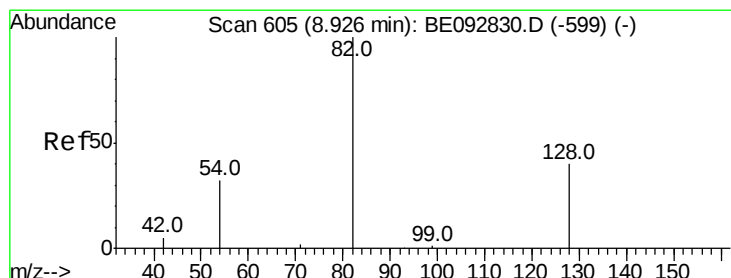
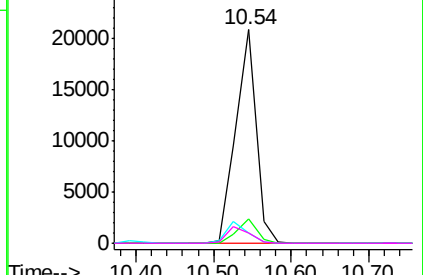
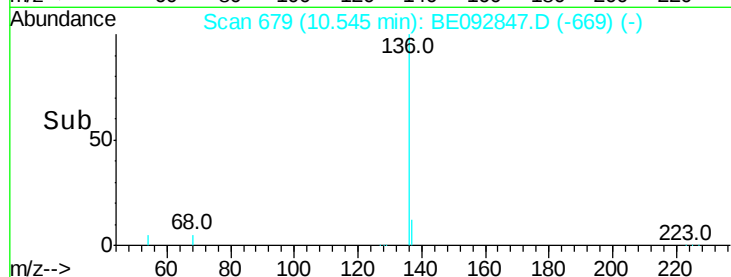


Abundance Ion 136.00 (135.70 to 136.70): E

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: 4.67 ng

RT: 8.93 min Scan# 605

Delta R.T. -0.00 min

Lab File: BE092847.D

Acq: 28 Mar 2017 22:08

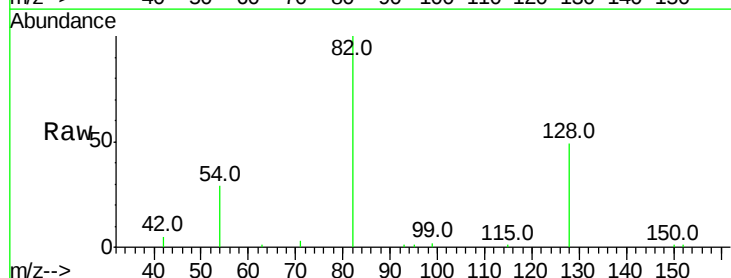
Tgt Ion: 82 Resp: 10081

Ion Ratio Lower Upper

82 100

128 48.5 39.0 58.4

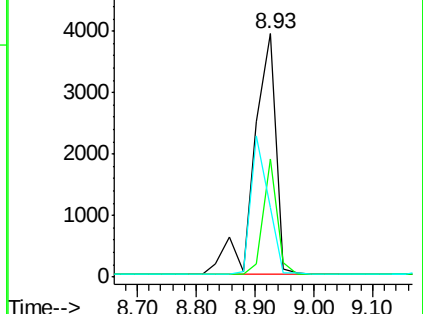
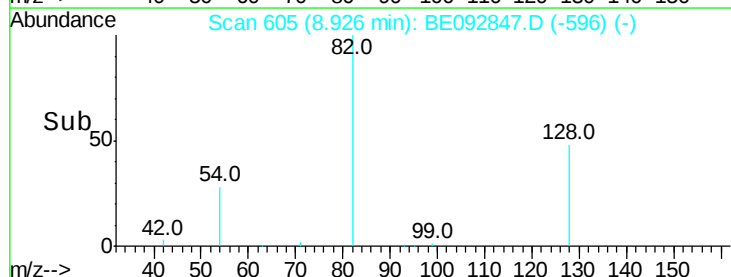
54 28.8 44.8 67.2#

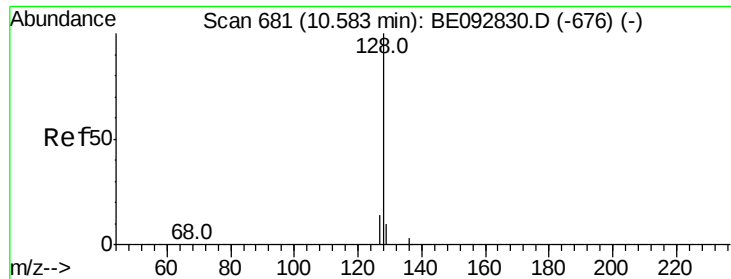


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 4.28 ng

RT: 10.58 min Scan# 681

Delta R.T. 0.00 min

Lab File: BE092847.D

Acq: 28 Mar 2017 22:08

Instrument :

BNA_E

ClientSampled :

PB97858BS

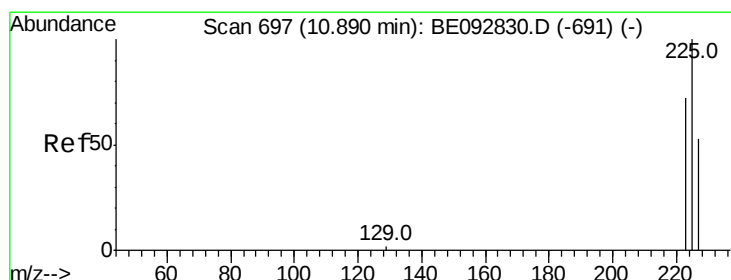
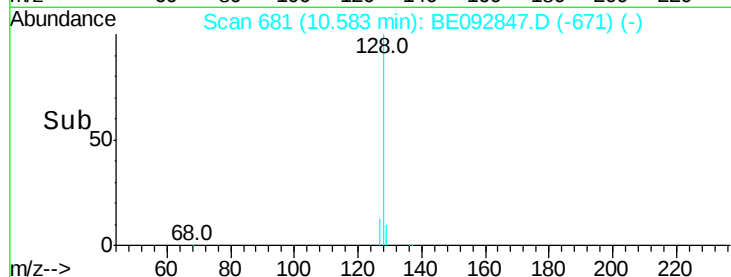
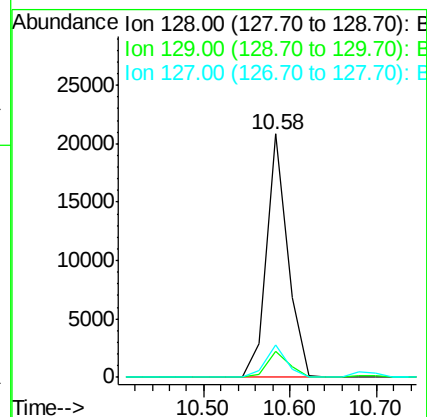
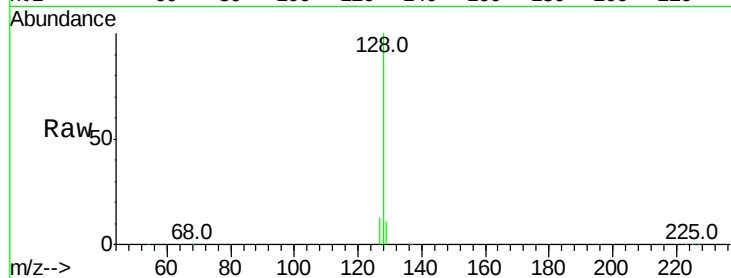
Tot Ion:128 Resp: 35201

Ion Ratio Lower Upper

128 100

129 10.7 11.2 16.8#

127 13.5 11.6 17.4



#10

Hexachlorobutadiene

Concen: 4.31 ng

RT: 10.89 min Scan# 697

Delta R.T. 0.00 min

Lab File: BE092847.D

Acq: 28 Mar 2017 22:08

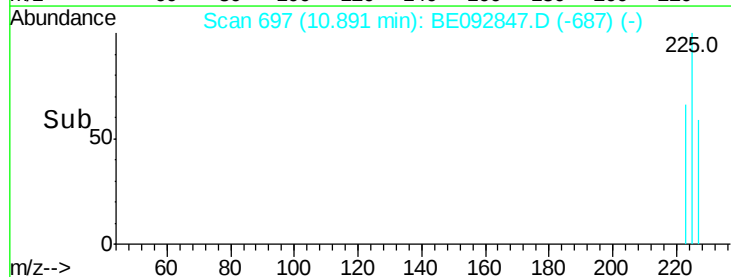
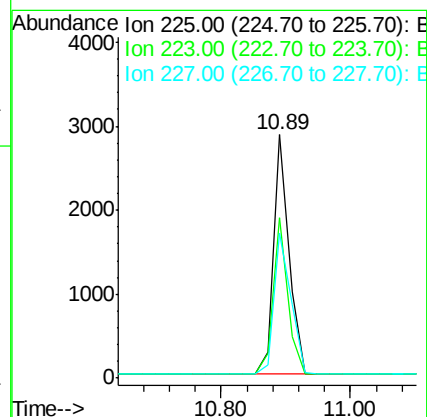
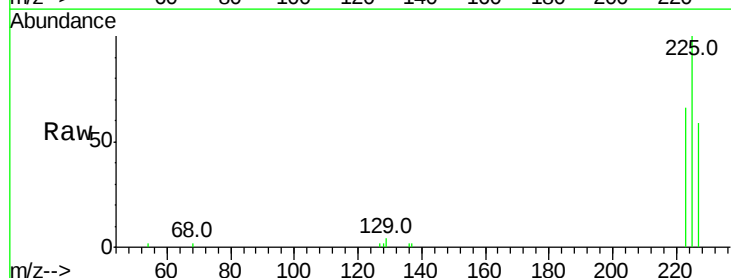
Tgt Ion:225 Resp: 4755

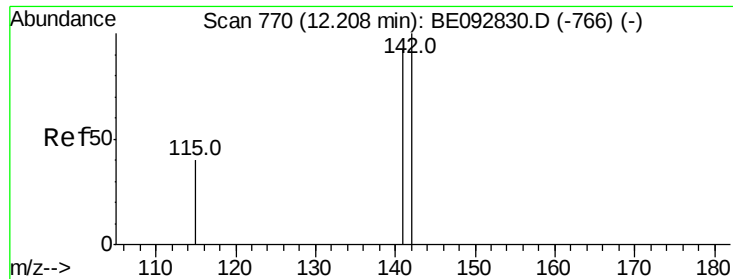
Ion Ratio Lower Upper

225 100

223 62.6 50.6 76.0

227 63.7 51.4 77.0

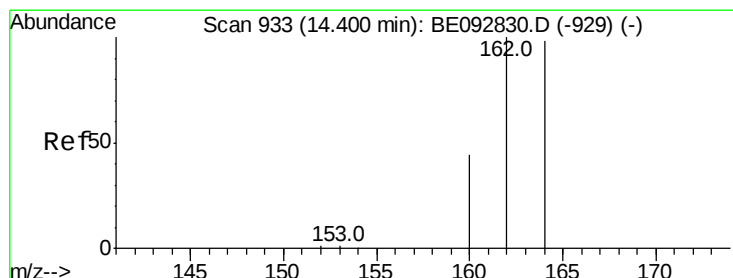
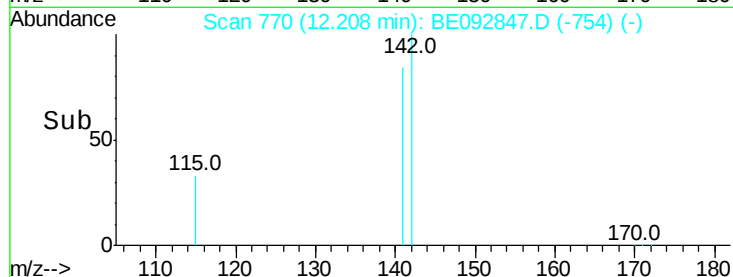
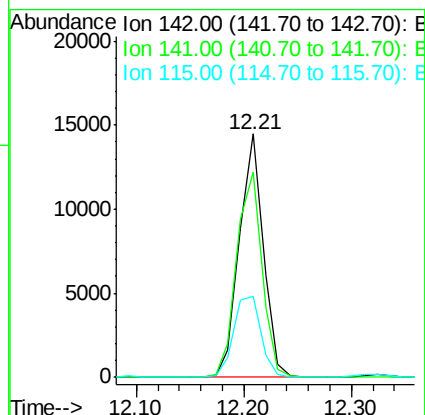
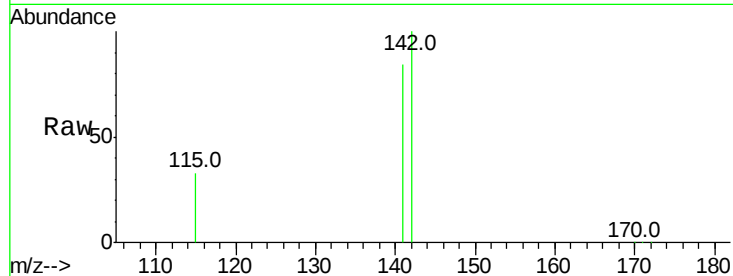




#11
2-Methylnaphthalene
Concen: 4.20 ng
RT: 12.21 min Scan# 770
Delta R.T. 0.00 min
Lab File: BE092847.D
Acq: 28 Mar 2017 22:08

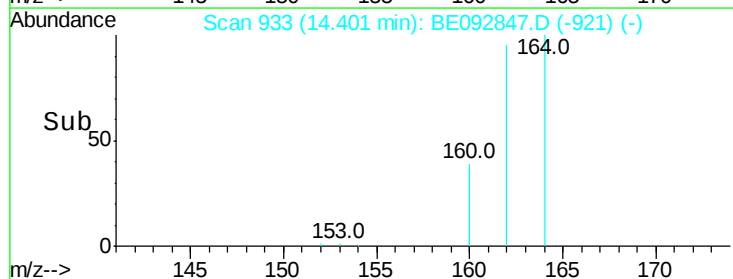
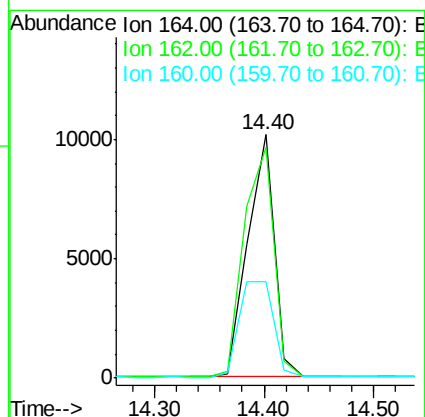
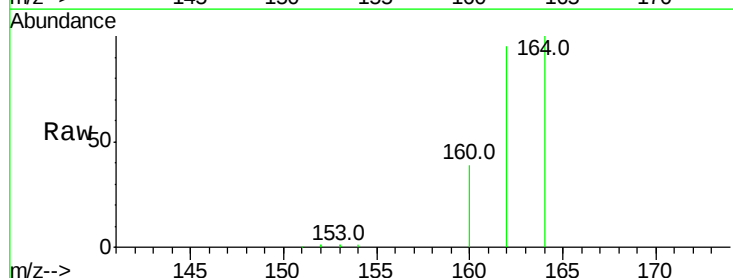
Instrument :
BNA_E
ClientSampleId :
PB97858BS

Tot Ion:142 Resp: 21952
Ion Ratio Lower Upper
142 100
141 84.1 73.7 110.5
115 33.3 34.0 51.0#



#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.40 min Scan# 933
Delta R.T. 0.00 min
Lab File: BE092847.D
Acq: 28 Mar 2017 22:08

Tgt Ion:164 Resp: 17006
Ion Ratio Lower Upper
164 100
162 95.0 71.4 107.0
160 39.4 27.4 41.2

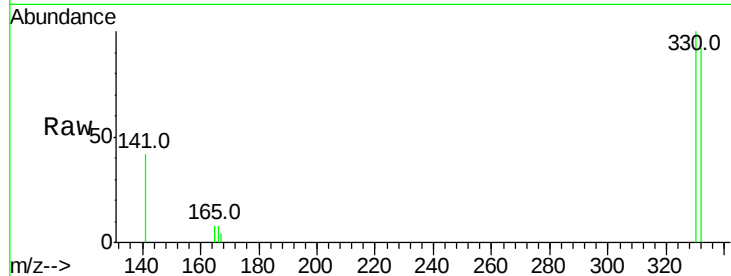




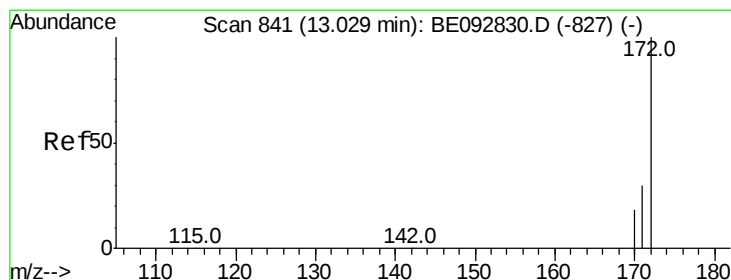
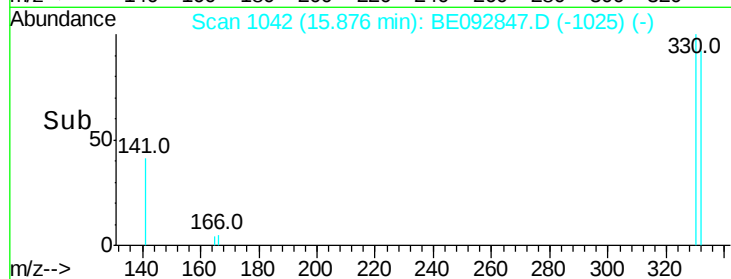
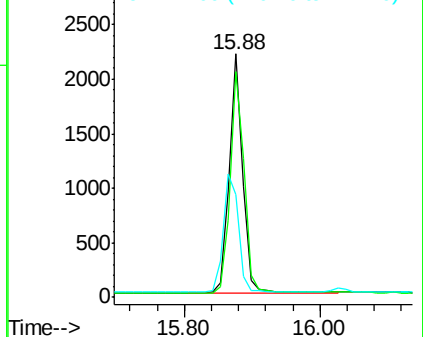
#13
 2,4,6-Tribromophenol
 Concen: 11.46 ng
 RT: 15.88 min Scan# 1042
 Delta R.T. -0.00 min
 Lab File: BE092847.D
 Acq: 28 Mar 2017 22:08

Instrument :
 BNA_E
 ClientSampleId :
 PB97858BS

Tot Ion:330 Resp: 3045
 Ion Ratio Lower Upper
 330 100
 332 96.2 75.4 113.0
 141 57.4 31.0 46.6#

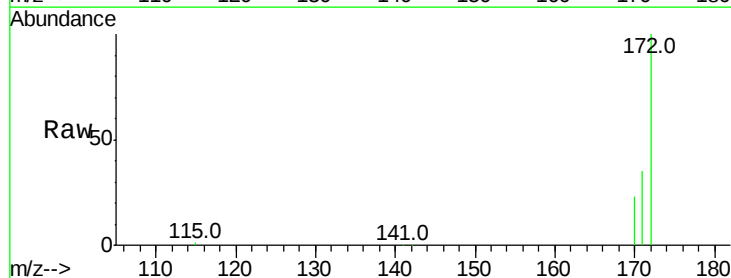


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

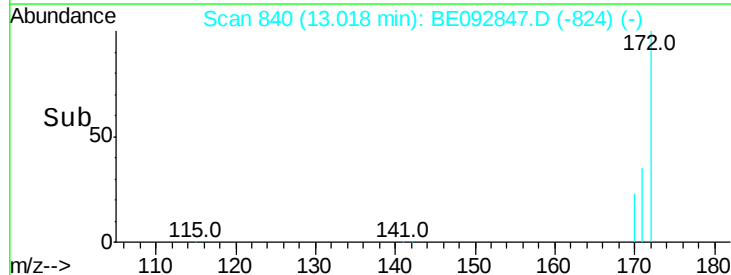
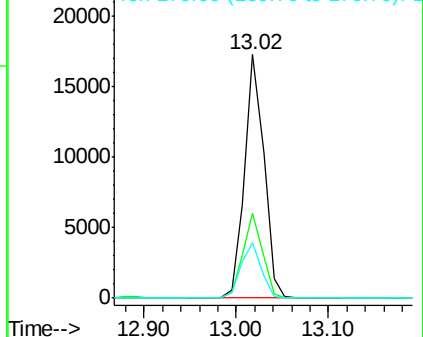


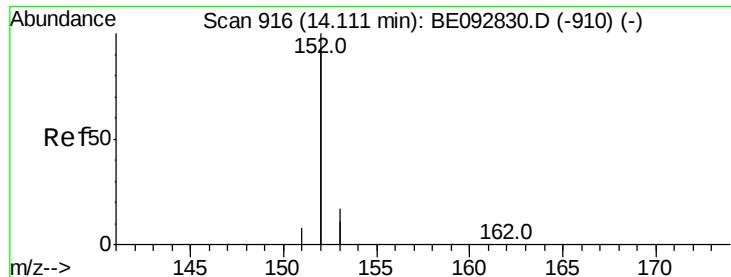
#14
 2-Fluorobiphenyl
 Concen: 4.47 ng
 RT: 13.02 min Scan# 840
 Delta R.T. -0.01 min
 Lab File: BE092847.D
 Acq: 28 Mar 2017 22:08

Tgt Ion:172 Resp: 25030
 Ion Ratio Lower Upper
 172 100
 171 35.0 30.1 45.1
 170 23.0 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: 4.47 ng

RT: 14.09 min Scan# 915

Delta R.T. -0.02 min

Lab File: BE092847.D

Acq: 28 Mar 2017 22:08

Instrument :

BNA_E

ClientSampleId :

PB97858BS

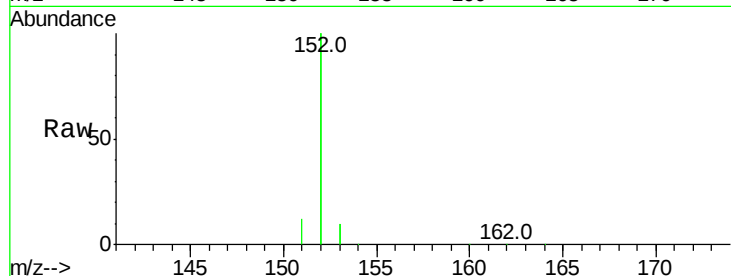
Tot Ion:152 Resp: 116537

Ion Ratio Lower Upper

152 100

151 5.0 3.9 5.9

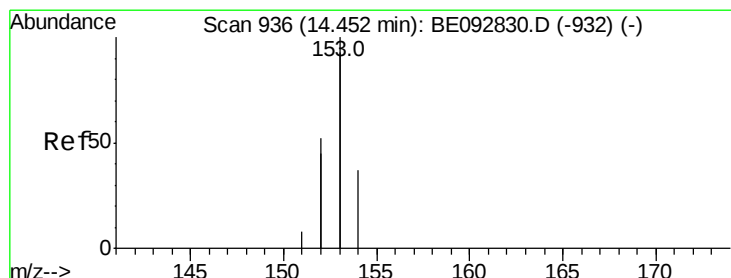
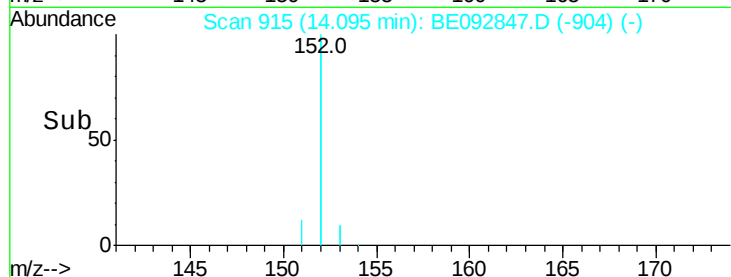
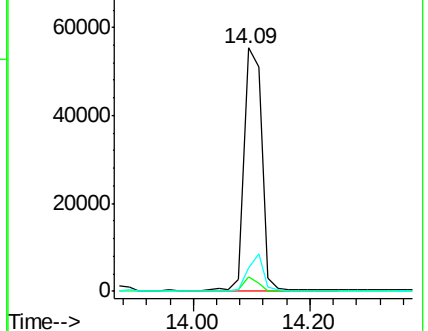
153 13.0 10.4 15.6



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: 4.49 ng

RT: 14.45 min Scan# 936

Delta R.T. 0.00 min

Lab File: BE092847.D

Acq: 28 Mar 2017 22:08

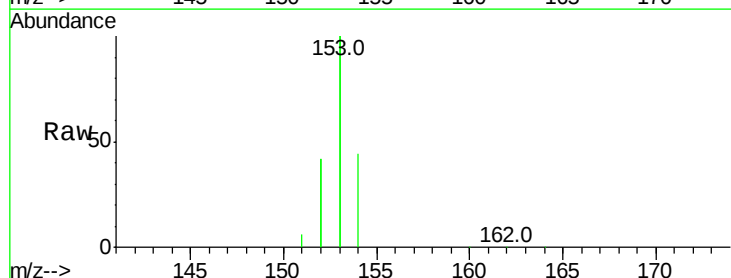
Tgt Ion:154 Resp: 20892

Ion Ratio Lower Upper

154 100

153 433.7 350.8 526.2

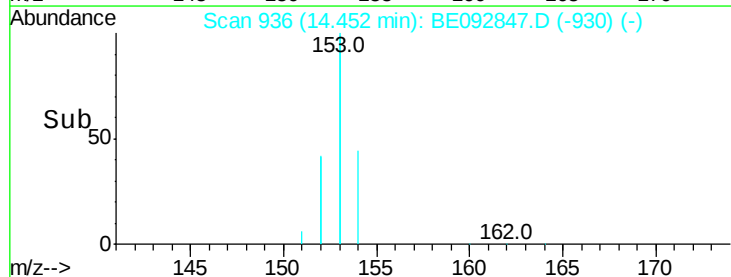
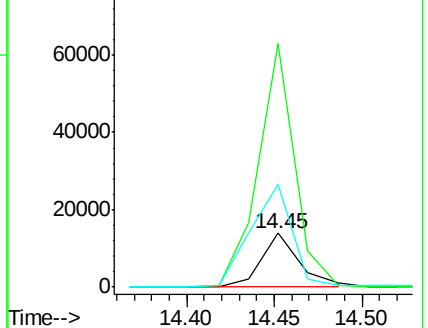
152 209.0 171.1 256.7



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: 4.38 ng

RT: 15.44 min Scan# 1004

Delta R.T. -0.00 min

Lab File: BE092847.D

Acq: 28 Mar 2017 22:08

Instrument :

BNA_E

ClientSampleId :

PB97858BS

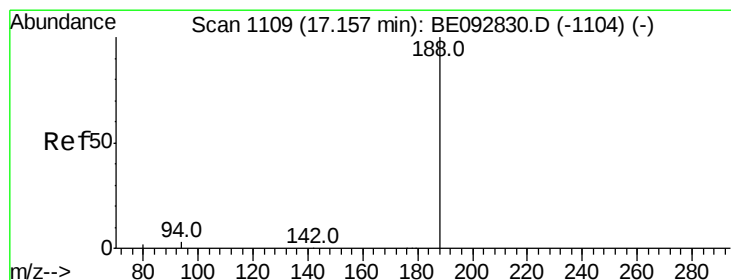
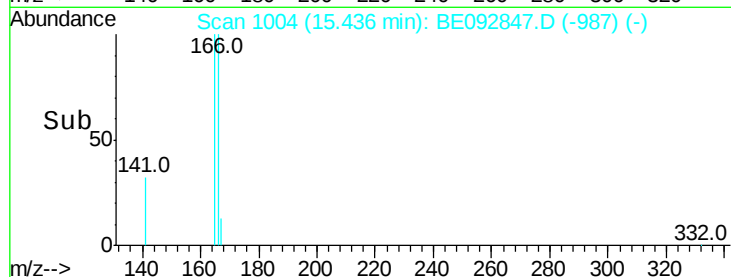
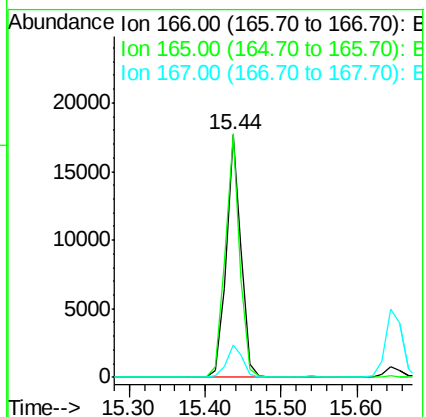
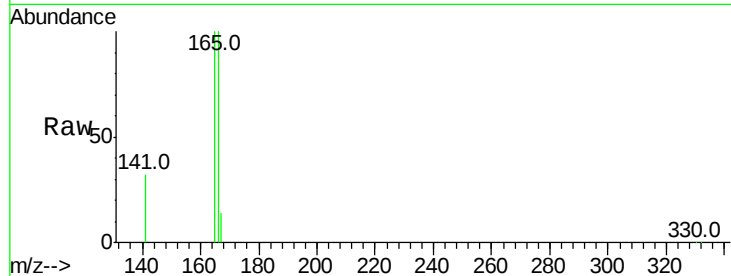
Tot Ion:166 Resp: 24250

Ion Ratio Lower Upper

166 100

165 98.8 78.2 117.4

167 14.0 11.0 16.4



#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.13 min Scan# 1109

Delta R.T. -0.02 min

Lab File: BE092847.D

Acq: 28 Mar 2017 22:08

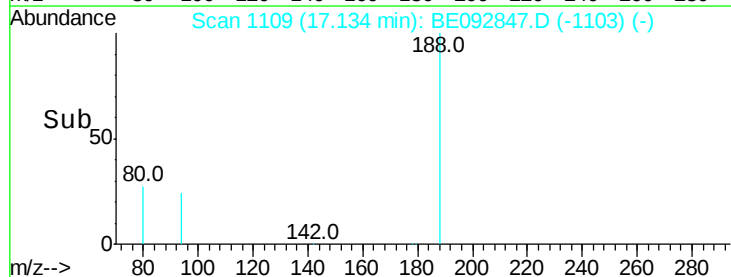
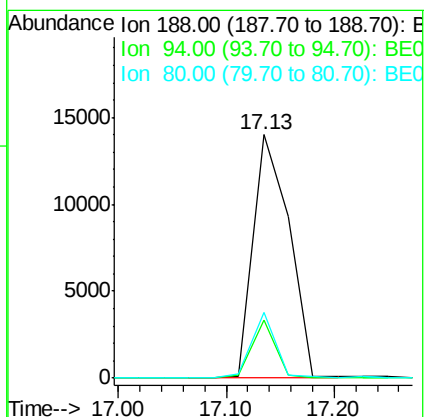
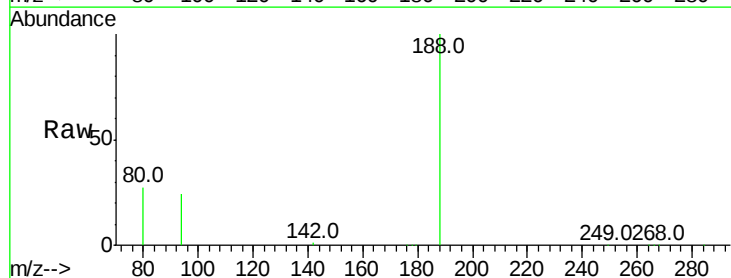
Tgt Ion:188 Resp: 32321

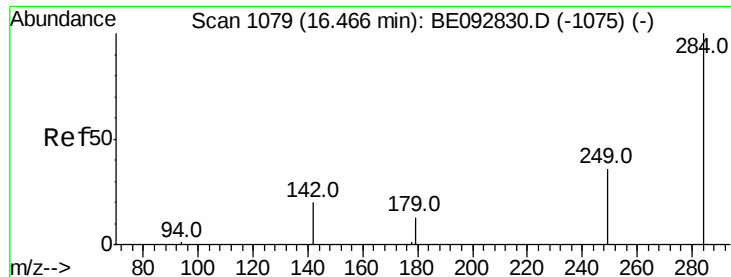
Ion Ratio Lower Upper

188 100

94 24.1 3.2 4.8#

80 27.2 2.6 3.8#





#19

Hexachlorobenzene

Concen: 5.27 ng

RT: 16.47 min Scan# 1080

Delta R.T. 0.00 min

Lab File: BE092847.D

Acq: 28 Mar 2017 22:08

Instrument :

BNA_E

ClientSampleId :

PB97858BS

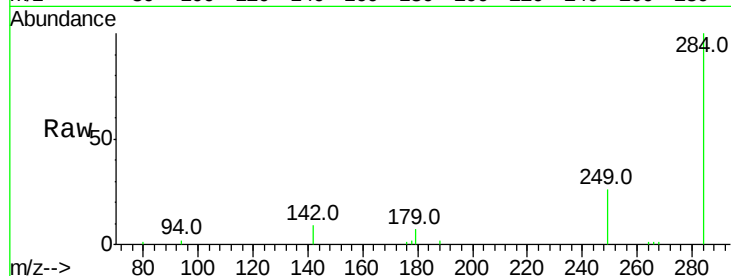
Tot Ion:284 Resp: 6321

Ion Ratio Lower Upper

284 100

142 0.0 29.1 43.7#

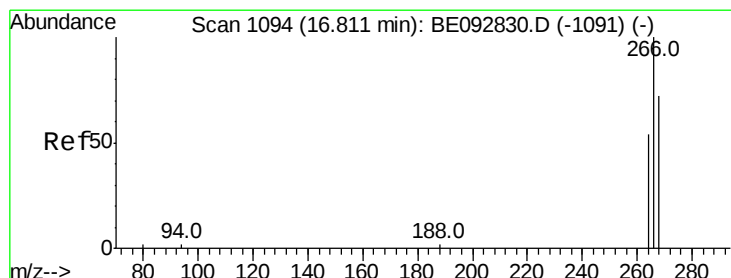
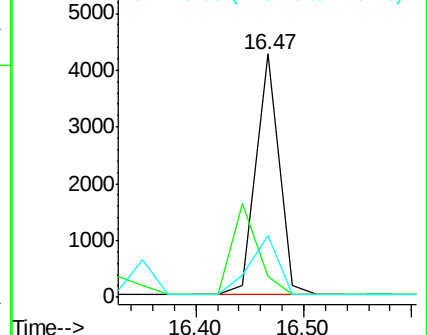
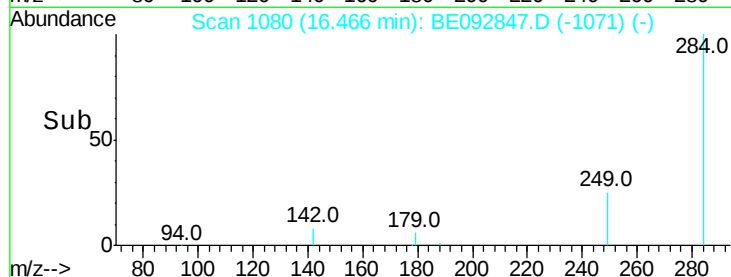
249 30.6 27.9 41.9



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: 9.26 ng

RT: 16.81 min Scan# 1095

Delta R.T. 0.00 min

Lab File: BE092847.D

Acq: 28 Mar 2017 22:08

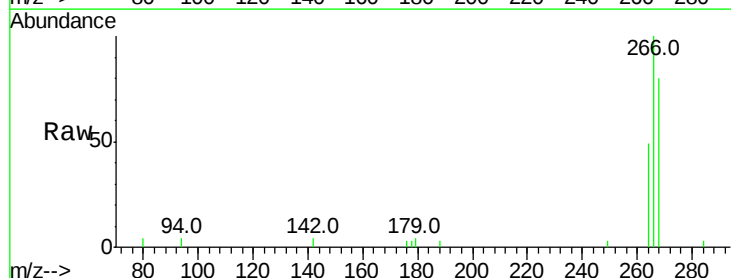
Tgt Ion:266 Resp: 3682

Ion Ratio Lower Upper

266 100

268 80.0 62.5 93.7

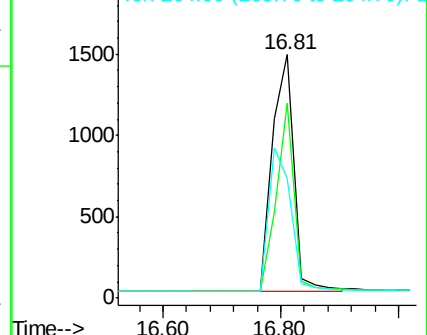
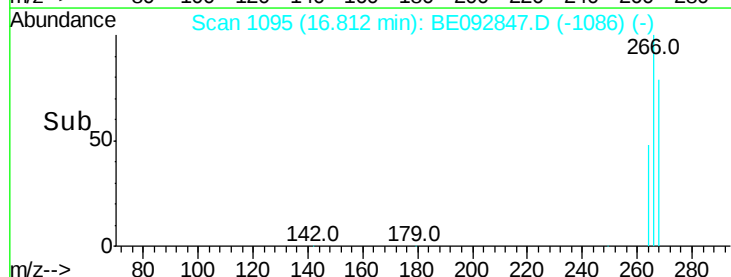
264 49.3 57.2 85.8#

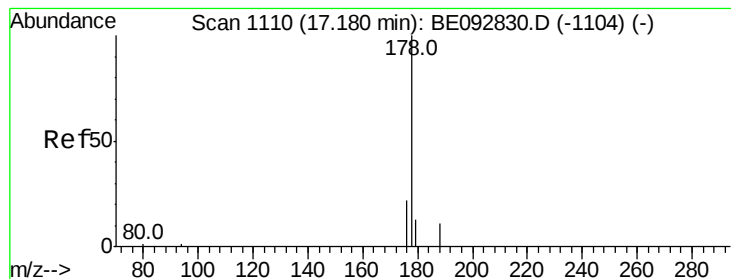


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#21

Phenanthrene

Concen: 5.21 ng

RT: 17.18 min Scan# 1111

Delta R.T. 0.00 min

Lab File: BE092847.D

Acq: 28 Mar 2017 22:08

Instrument :

BNA_E

ClientSampleId :

PB97858BS

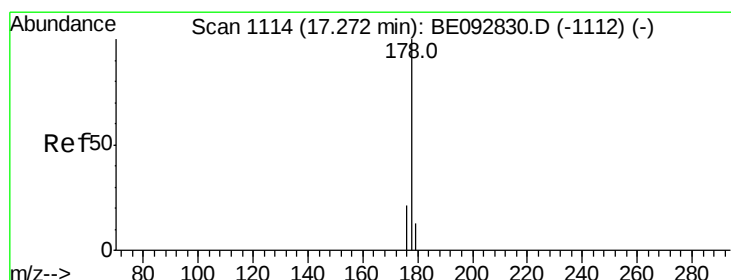
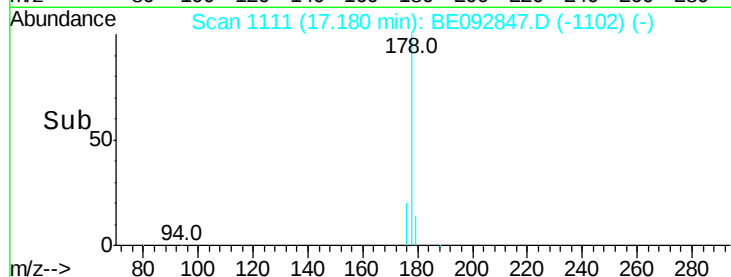
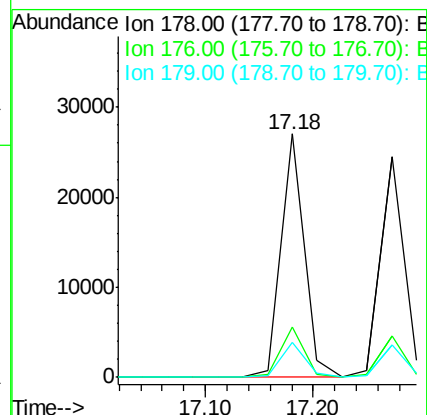
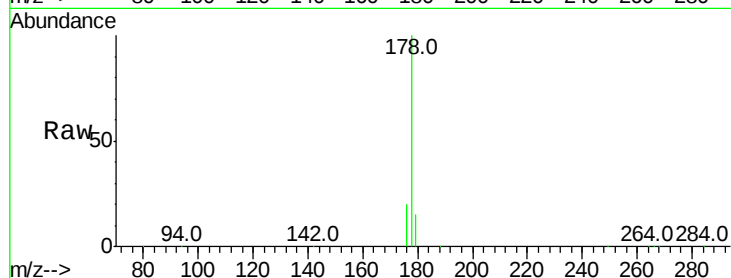
Tot Ion:178 Resp: 40967

Ion Ratio Lower Upper

178 100

176 20.1 15.8 23.8

179 14.9 16.0 24.0#



#22

Anthracene

Concen: 5.27 ng

RT: 17.27 min Scan# 1115

Delta R.T. 0.00 min

Lab File: BE092847.D

Acq: 28 Mar 2017 22:08

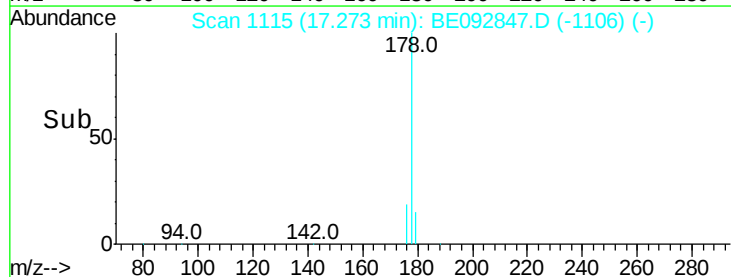
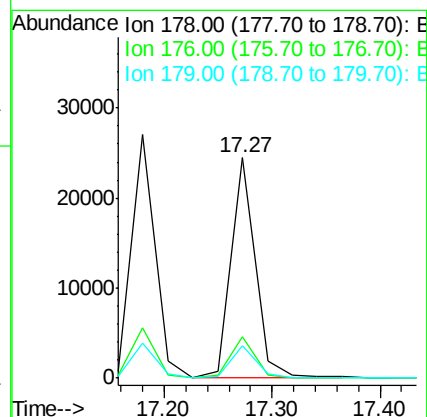
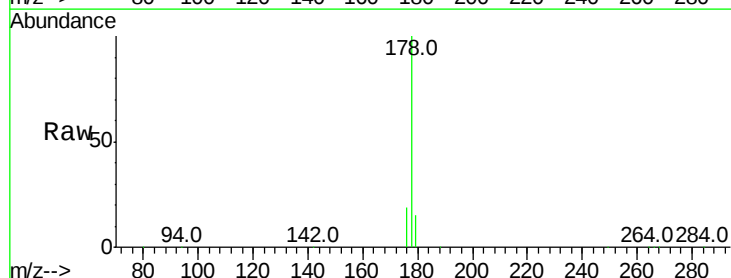
Tgt Ion:178 Resp: 37683

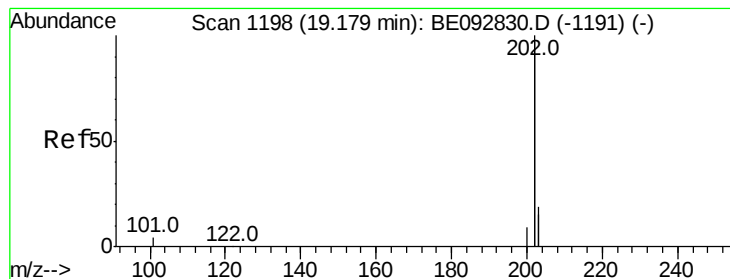
Ion Ratio Lower Upper

178 100

176 18.7 15.0 22.4

179 15.1 12.2 18.2





#23

Fluoranthene

Concen: 4.91 ng

RT: 19.18 min Scan# 1199

Delta R.T. 0.00 min

Lab File: BE092847.D

Acq: 28 Mar 2017 22:08

Instrument :

BNA_E

ClientSampleId :

PB97858BS

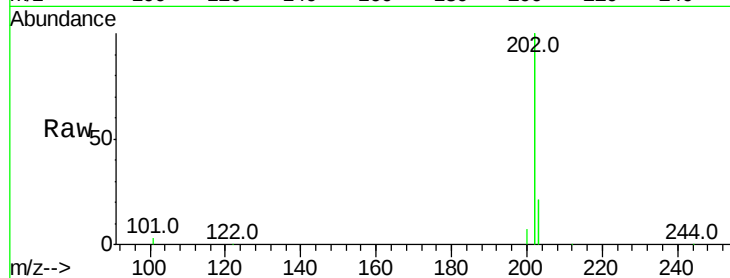
Tot Ion:202 Resp: 177527

Ion Ratio Lower Upper

202 100

101 3.6 2.2 3.4#

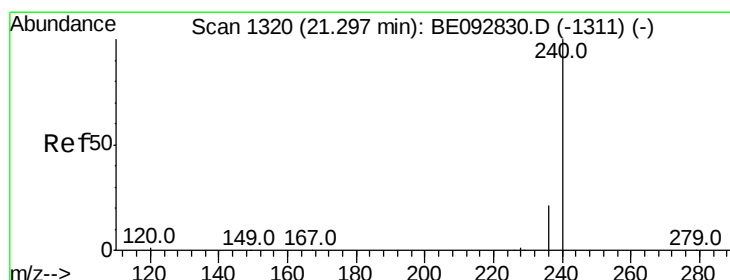
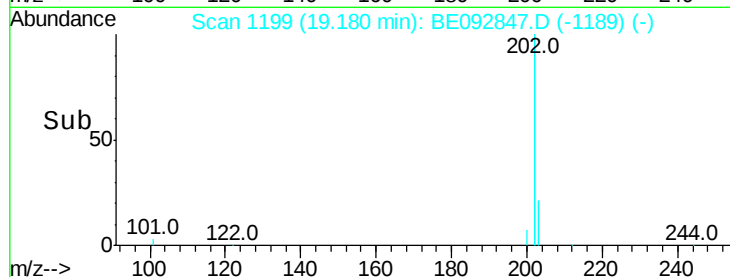
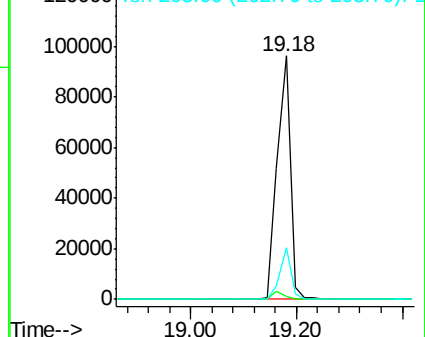
203 19.4 13.7 20.5



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: 21.28 min Scan# 1320

Delta R.T. -0.02 min

Lab File: BE092847.D

Acq: 28 Mar 2017 22:08

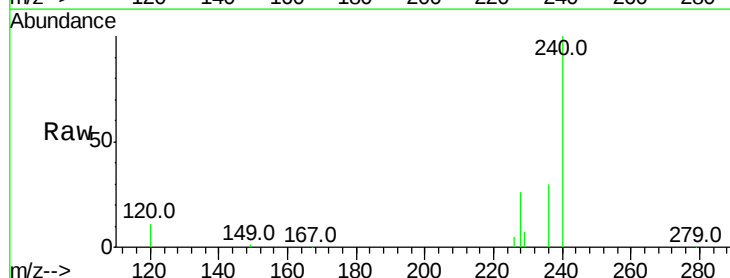
Tgt Ion:240 Resp: 36467

Ion Ratio Lower Upper

240 100

120 11.2 2.6 4.0#

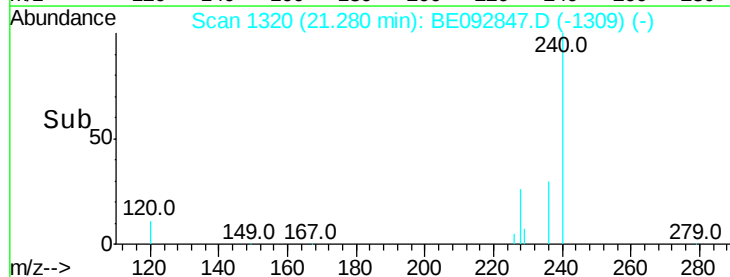
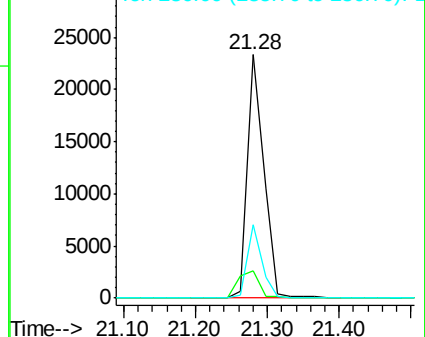
236 30.2 24.6 37.0

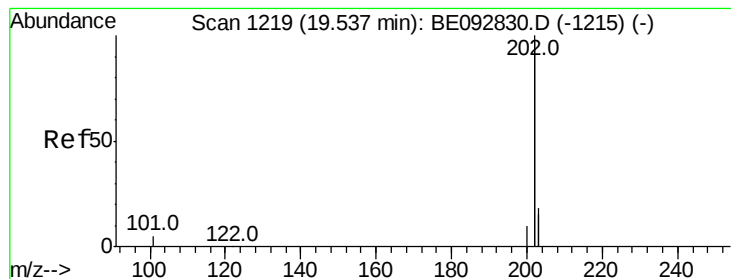


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#25

Pvrene

Concen: 4.58 ng

RT: 19.54 min Scan# 1220

Delta R.T. 0.00 min

Lab File: BE092847.D

Acq: 28 Mar 2017 22:08

Instrument :

BNA_E

ClientSampleId :

PB97858BS

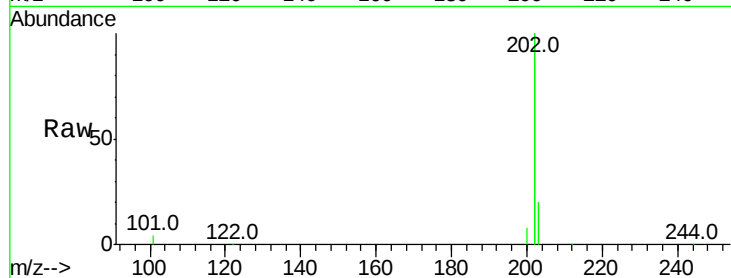
Tot Ion:202 Resp: 166152

Ion Ratio Lower Upper

202 100

200 4.9 4.2 6.4

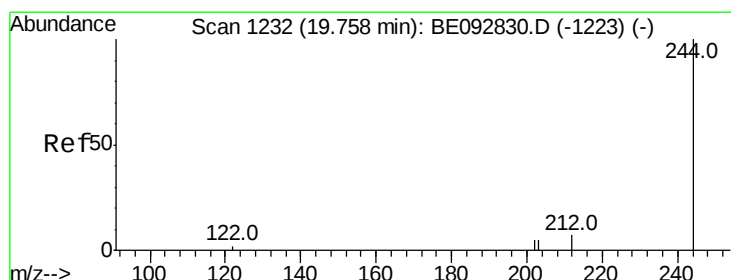
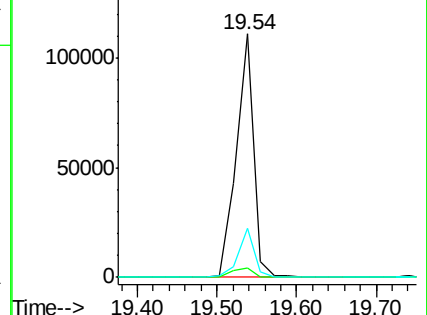
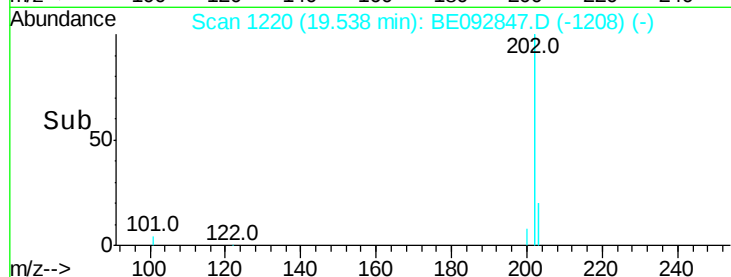
203 18.3 13.9 20.9



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: 3.57 ng

RT: 19.74 min Scan# 1232

Delta R.T. -0.02 min

Lab File: BE092847.D

Acq: 28 Mar 2017 22:08

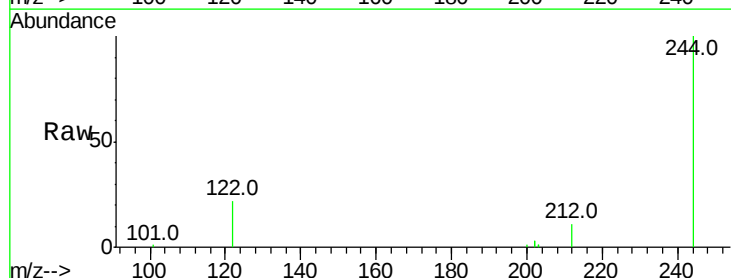
Tgt Ion:244 Resp: 22513

Ion Ratio Lower Upper

244 100

212 10.9 6.7 10.1#

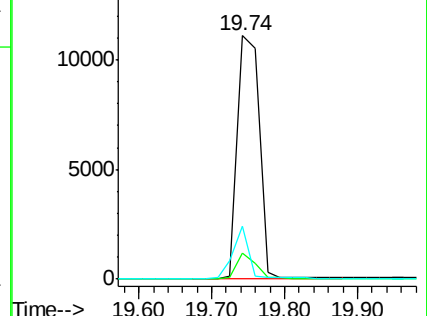
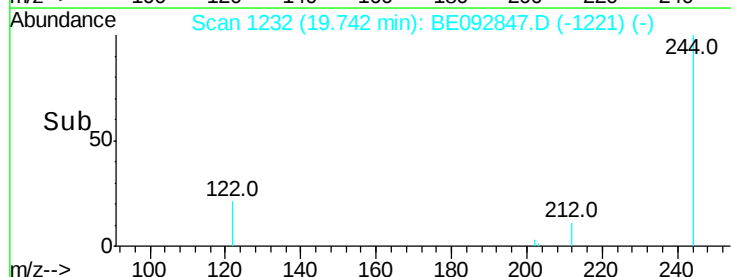
122 21.6 3.6 5.4#



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: 4.65 ng

RT: 21.26 min Scan# 1319

Delta R.T. 0.00 min

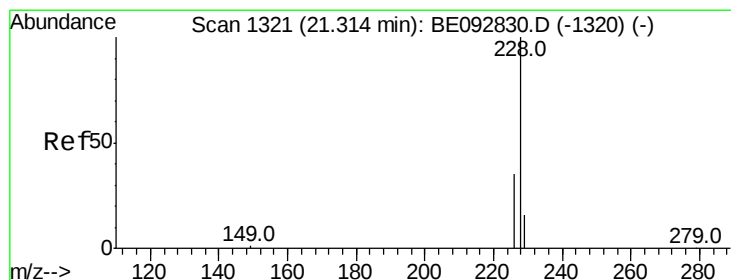
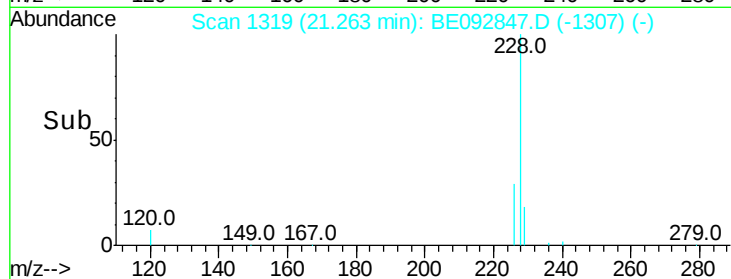
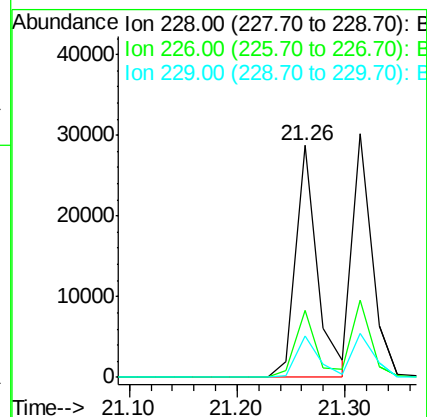
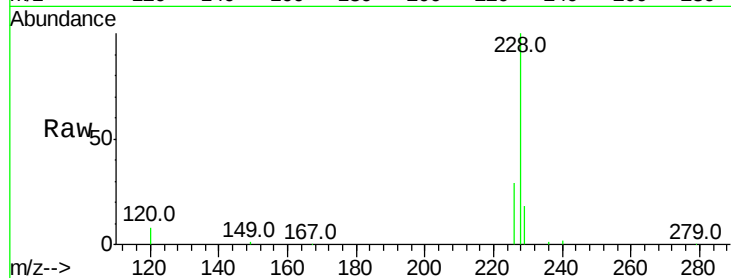
Lab File: BE092847.D

Acq: 28 Mar 2017 22:08

Instrument :
BNA_E
ClientSampleId :
PB97858BS

Tot Ion:228 Resp: 40143

Ion	Ratio	Lower	Upper
228	100		
226	28.6	23.6	35.4
229	17.9	13.3	19.9



#28

Chrysene

Concen: 4.22 ng

RT: 21.31 min Scan# 1322

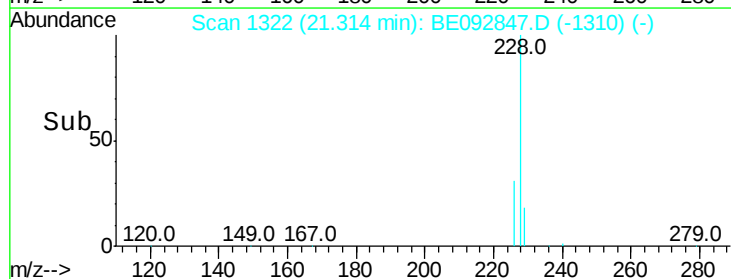
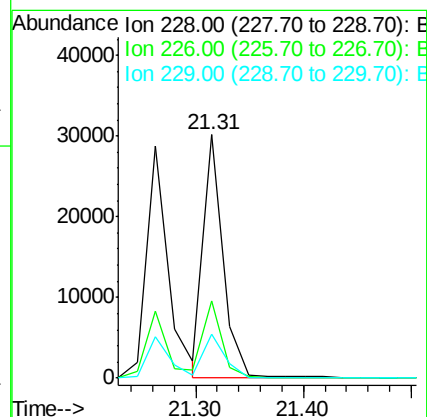
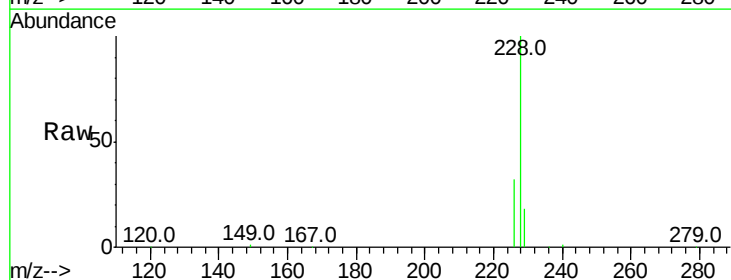
Delta R.T. 0.00 min

Lab File: BE092847.D

Acq: 28 Mar 2017 22:08

Tgt Ion:228 Resp: 38477

Ion	Ratio	Lower	Upper
228	100		
226	31.5	36.3	54.5#
229	17.9	10.6	16.0#

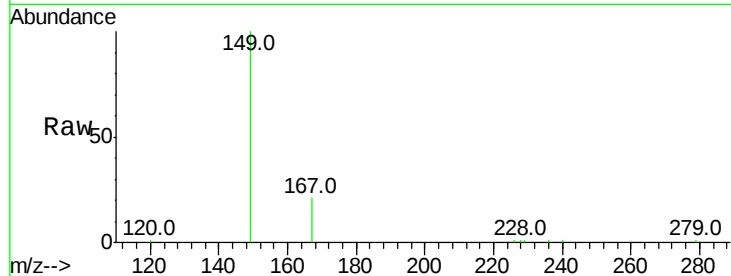




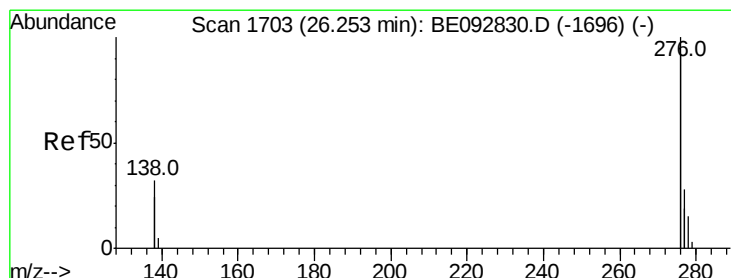
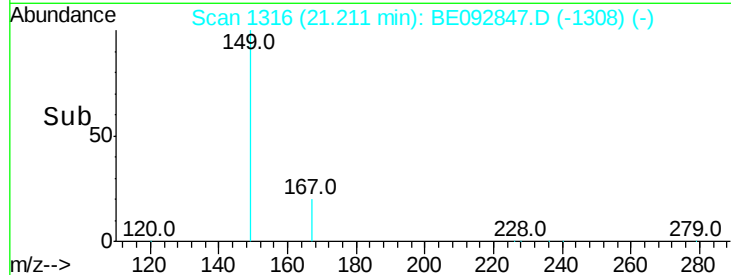
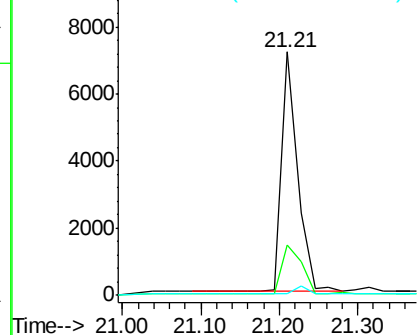
#29
 Bis(2-ethylhexyl)phthalate
 Concen: 3.52 ng
 RT: 21.21 min Scan# 1316
 Delta R.T. -0.02 min
 Lab File: BE092847.D
 Acq: 28 Mar 2017 22:08

Instrument :
 BNA_E
 ClientSampleId :
 PB97858BS

Tot Ion:149 Resp: 10202
 Ion Ratio Lower Upper
 149 100
 167 25.0 16.0 24.0#
 279 2.9 16.0 24.0#

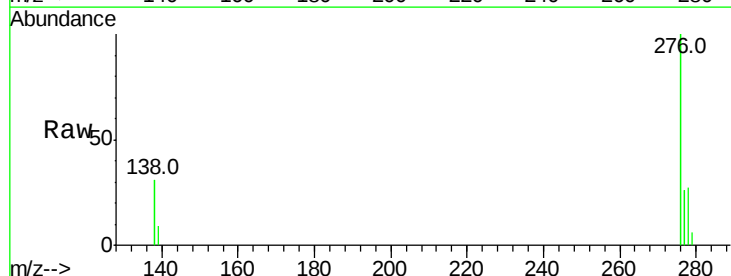


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

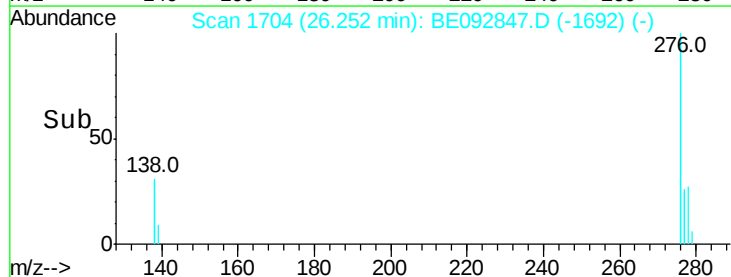
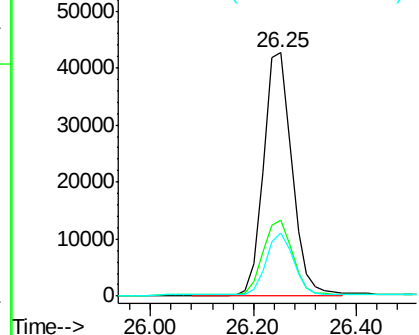


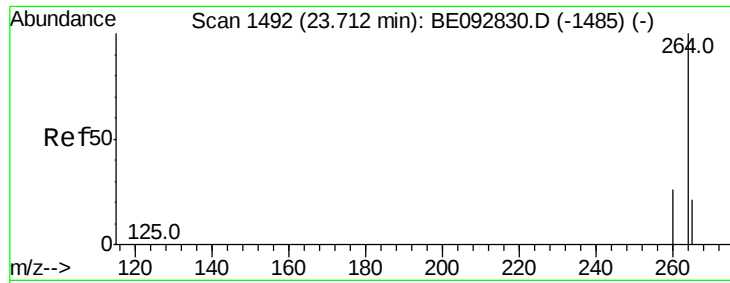
#30
 Indeno(1,2,3-cd)pyrene
 Concen: 4.66 ng
 RT: 26.25 min Scan# 1704
 Delta R.T. -0.00 min
 Lab File: BE092847.D
 Acq: 28 Mar 2017 22:08

Tgt Ion:276 Resp: 159957
 Ion Ratio Lower Upper
 276 100
 138 32.2 20.3 30.5#
 277 25.0 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

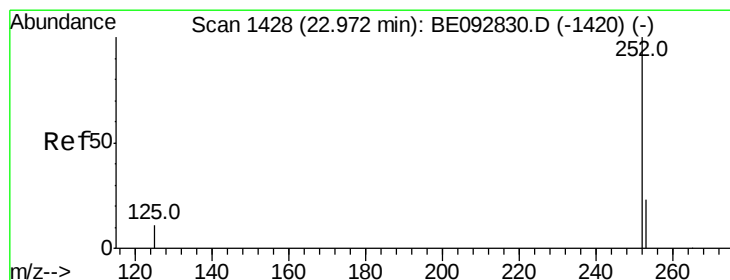
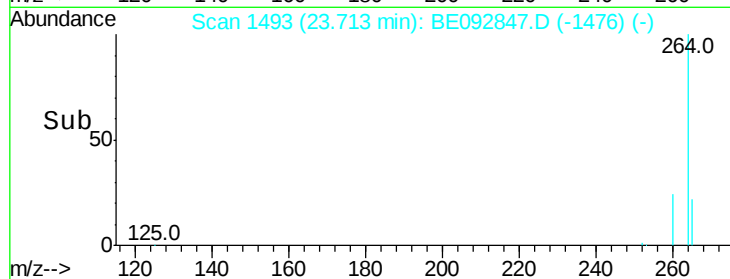
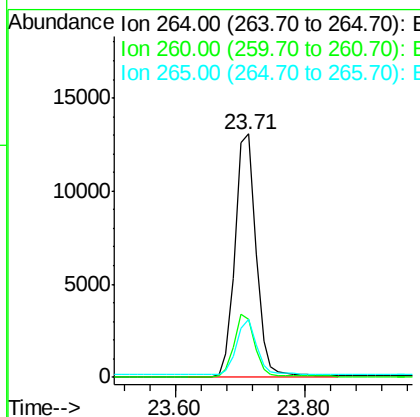
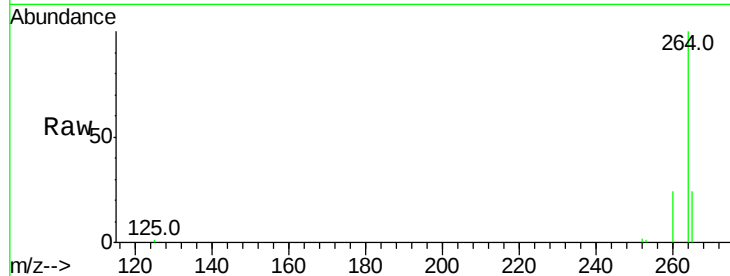




#31
Pervlene-d12
Concen: 5.00 ng
RT: 23.71 min Scan# 1493
Delta R.T. 0.00 min
Lab File: BE092847.D
Acq: 28 Mar 2017 22:08

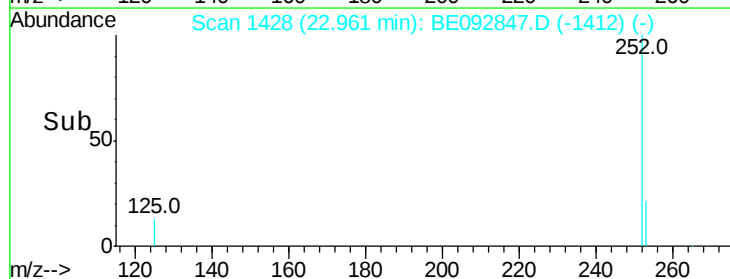
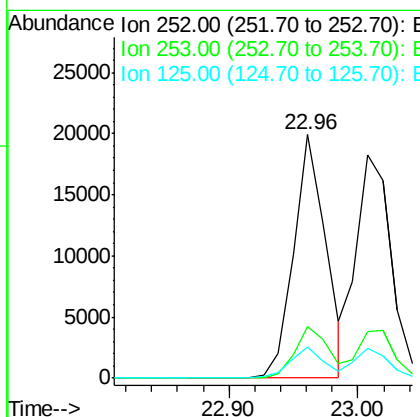
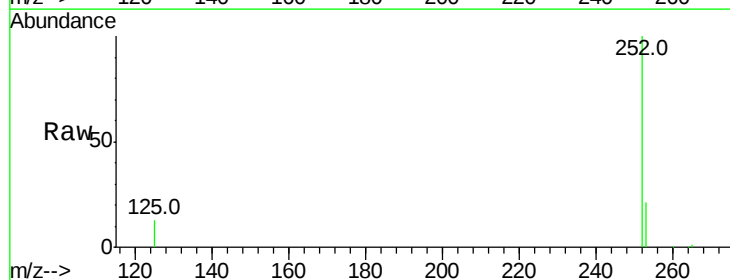
Instrument :
BNA_E
ClientSampleId :
PB97858BS

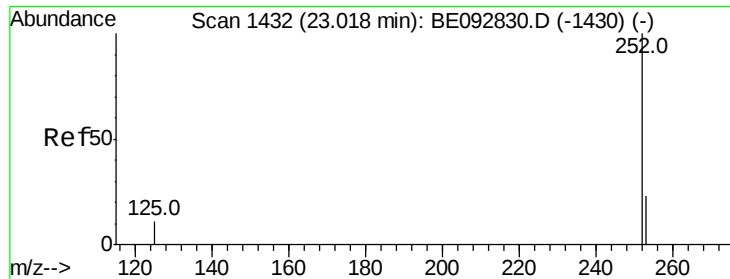
Tot Ion:264 Resp: 29375
Ion Ratio Lower Upper
264 100
260 23.9 20.1 30.1
265 23.6 17.9 26.9



#32
Benzo(b)fluoranthene
Concen: 4.37 ng
RT: 22.96 min Scan# 1428
Delta R.T. -0.01 min
Lab File: BE092847.D
Acq: 28 Mar 2017 22:08

Tgt Ion:252 Resp: 34206
Ion Ratio Lower Upper
252 100
253 21.1 18.7 28.1
125 12.8 10.5 15.7





#33

Benzo(k)fluoranthene

Concen: 4.94 ng

RT: 23.01 min Scan# 1432

Delta R.T. -0.01 min

Lab File: BE092847.D

Acq: 28 Mar 2017 22:08

Instrument :

BNA_E

ClientSampleId :

PB97858BS

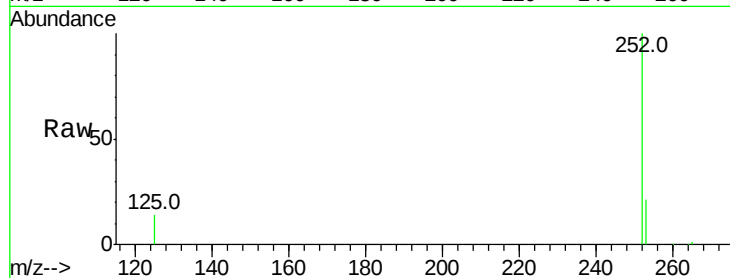
Tot Ion:252 Resp: 34567

Ion Ratio Lower Upper

252 100

253 20.9 20.3 30.5

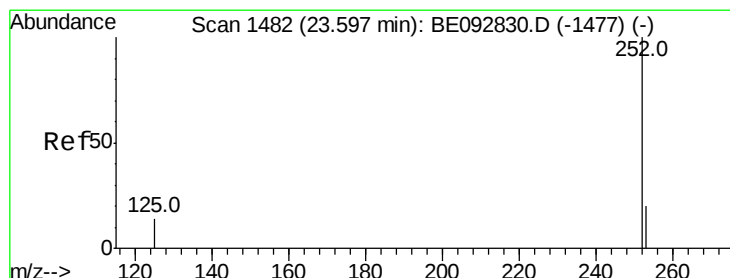
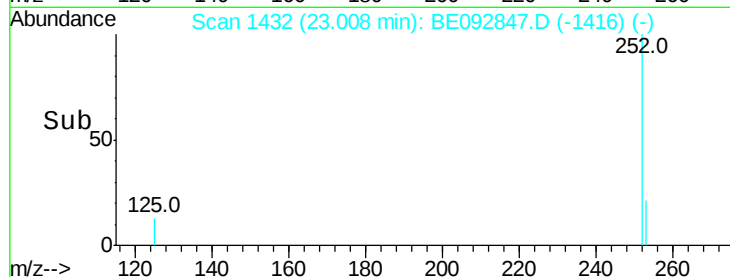
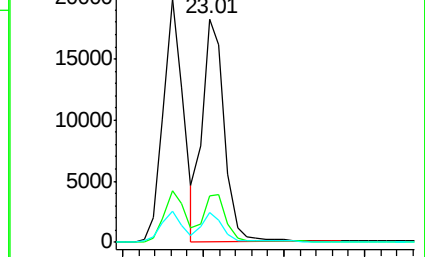
125 13.5 9.6 14.4



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



#34

Benzo(a)pyrene

Concen: 4.73 ng

RT: 23.60 min Scan# 1483

Delta R.T. 0.00 min

Lab File: BE092847.D

Acq: 28 Mar 2017 22:08

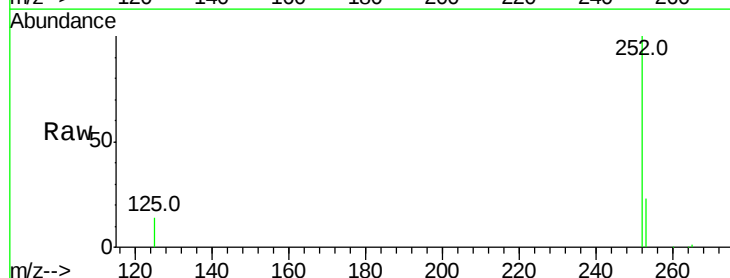
Tgt Ion:252 Resp: 30567

Ion Ratio Lower Upper

252 100

253 22.8 19.0 28.6

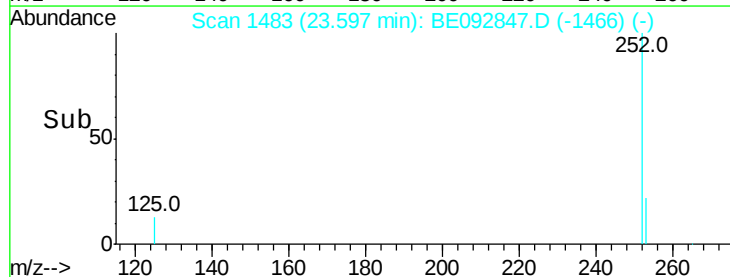
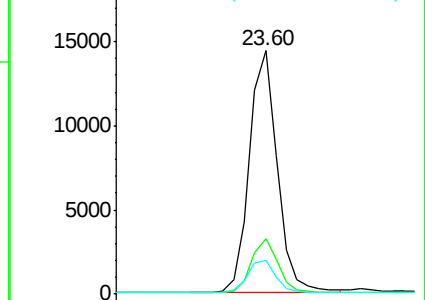
125 13.7 11.8 17.8

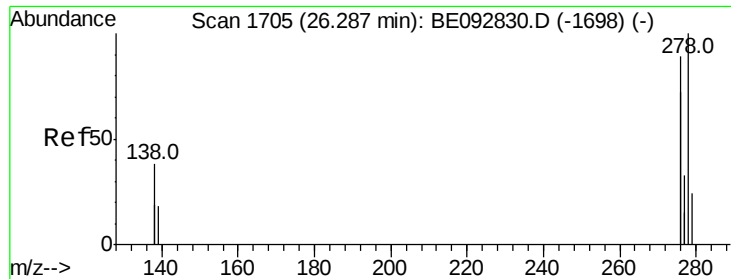


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



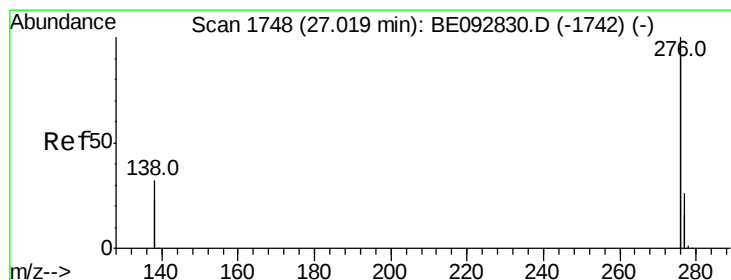
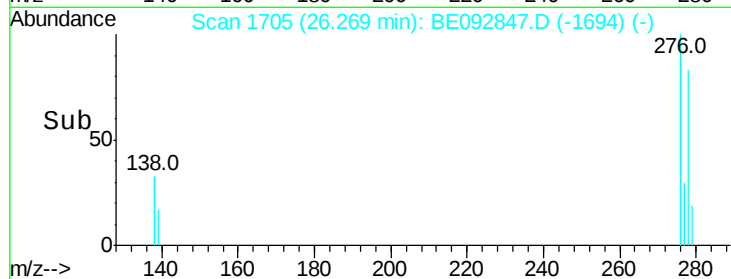
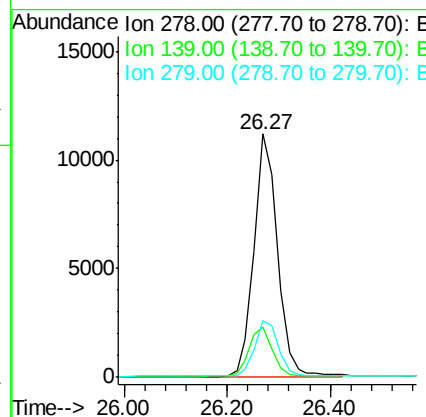
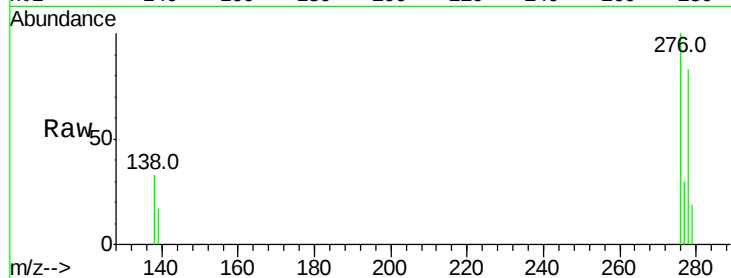


#35
Dibenzo(a,h)anthracene
Concen: 5.06 ng
RT: 26.27 min Scan# 1705
Delta R.T. -0.02 min
Lab File: BE092847.D
Acq: 28 Mar 2017 22:08

Instrument :
BNA_E
ClientSampleId :
PB97858BS

Tot Ion:278 Resp: 34747

Ion	Ratio	Lower	Upper
278	100		
139	20.9	13.8	20.8#
279	23.4	21.4	32.2



#36
Benzo(g,h,i)perylene
Concen: 4.94 ng
RT: 27.02 min Scan# 1749
Delta R.T. -0.00 min
Lab File: BE092847.D
Acq: 28 Mar 2017 22:08

Tgt Ion:276 Resp: 140738

Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.8	29.8
138	27.5	19.8	29.6

