

Data Path : Z:\HPCHEM1\BNA E\DATA\BE032817\
 Data File : BE092828.D
 Acq On : 28 Mar 2017 9:33
 Operator : SJ/MA
 Sample : SSTDICC0.1
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Mar 28 13:07:47 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 13:06:24 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	7079	5.00	ng	0.00
7) Naphthalene-d8	10.54	136	31073	5.00	ng	0.00
12) Acenaphthene-d10	14.40	164	15342	5.00	ng	0.00
18) Phenanthrene-d10	17.16	188	36914	5.00	ng	0.00
24) Chrysene-d12	21.30	240	41803	5.00	ng	0.00
31) Perylene-d12	23.71	264	37516	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	167	0.11	ng	0.00
5) Phenol-d6	6.94	99	238	0.13	ng	0.00
8) Nitrobenzene-d5	8.93	82	162	0.09	ng	0.00
13) 2,4,6-Tribromophenol	15.88	330	29	0.07	ng	0.00
14) 2-Fluorobiphenyl	13.03	172	508	0.14	ng	0.00
26) Terphenyl-d14	19.76	244	830	0.16	ng	0.00

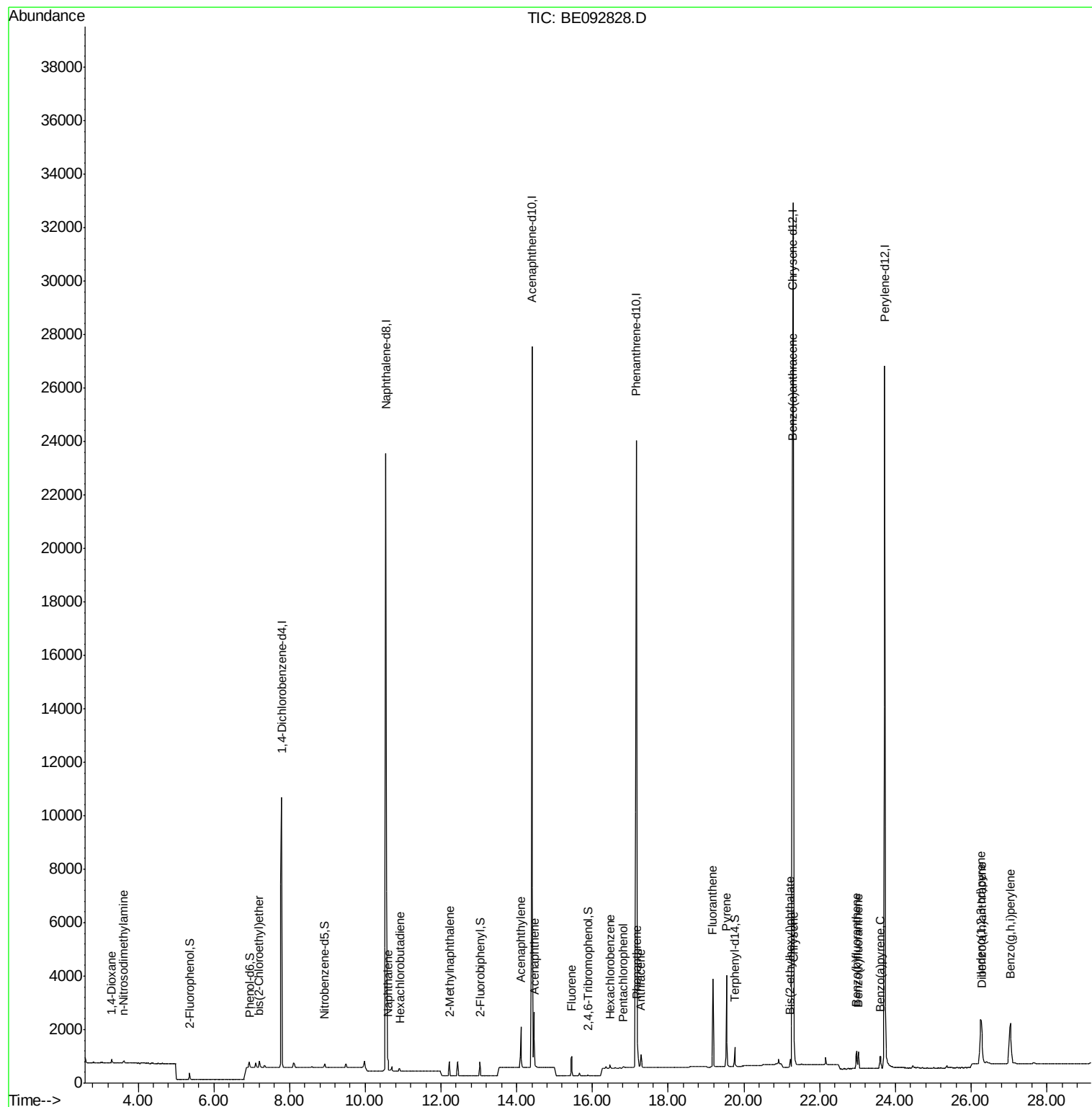
Target Compounds						Qvalue
2) 1,4-Dioxane	3.31	88	105	0.10	ng	94
3) n-Nitrosodimethylamine	3.62	42	99	0.08	ng	# 97
6) bis(2-Chloroethyl)ether	7.20	93	211	0.11	ng	# 41
9) Naphthalene	10.60	128	679	0.10	ng	# 77
10) Hexachlorobutadiene	10.91	225	97	0.10	ng	95
11) 2-Methylnaphthalene	12.22	142	426	0.10	ng	93
15) Acenaphthylene	14.11	152	2065	0.09	ng	99
16) Acenaphthene	14.47	154	422	0.13	ng	95
17) Fluorene	15.45	166	484	0.11	ng	97
19) Hexachlorobenzene	16.47	284	124	0.08	ng	# 88
20) Pentachlorophenol	16.81	266	37	0.07	ng	# 83
21) Phenanthrene	17.18	178	843	0.10	ng	98
22) Anthracene	17.27	178	669	0.07	ng	98
23) Fluoranthene	19.18	202	3740	0.09	ng	99
25) Pyrene	19.54	202	3901	0.10	ng	100
27) Benzo(a)anthracene	21.28	228	1000	0.02	ng	# 85
28) Chrysene	21.31	228	1070	0.03	ng	# 90
29) Bis(2-ethylhexyl)phthalate	21.23	149	391	0.09	ng	# 80
30) Indeno(1,2,3-cd)pyrene	26.25	276	3891	0.09	ng	# 93
32) Benzo(b)fluoranthene	22.97	252	950	0.10	ng	# 76
33) Benzo(k)fluoranthene	23.02	252	865	0.09	ng	# 76
34) Benzo(a)pyrene	23.60	252	759	0.08	ng	# 65
35) Dibenzo(a,h)anthracene	26.29	278	832	0.10	ng	# 74
36) Benzo(g,h,i)perylene	27.04	276	3627	0.10	ng	# 74

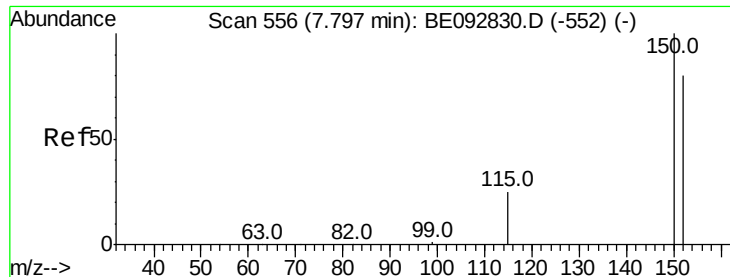
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA E\DATA\BE032817\
Data File : BE092828.D
Acq On : 28 Mar 2017 9:33
Operator : SJ/MA
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Mar 28 13:07:47 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 13:06:24 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.80 min Scan# 556

Delta R.T. -0.00 min

Lab File: BE092828.D

Acq: 28 Mar 2017 9:33

Instrument :

BNA_E

ClientSampled :

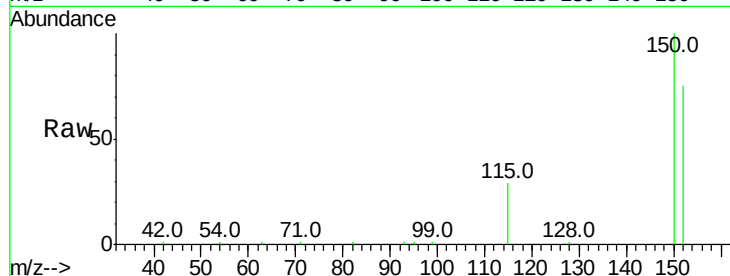
Tot Ion:152 Resp: 7079

Ion Ratio Lower Upper

152 100

150 133.6 106.0 159.0

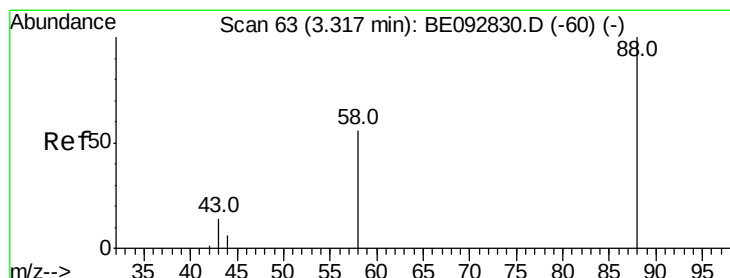
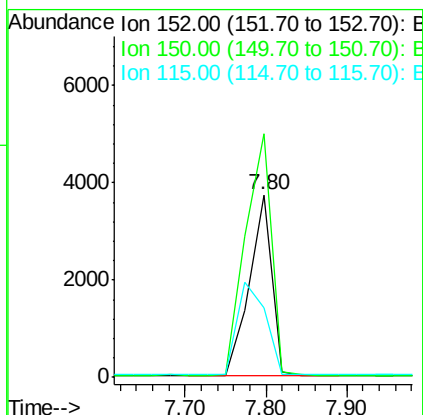
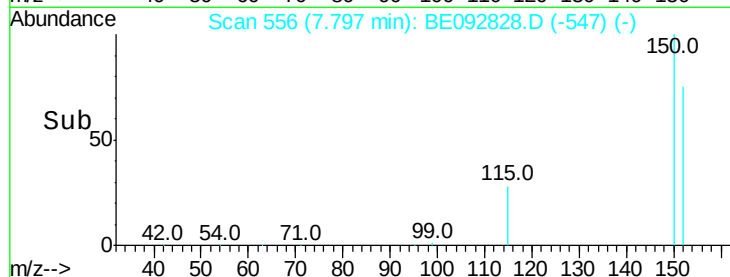
115 38.1 31.2 46.8



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: 0.10 ng

RT: 3.31 min Scan# 62

Delta R.T. -0.01 min

Lab File: BE092828.D

Acq: 28 Mar 2017 9:33

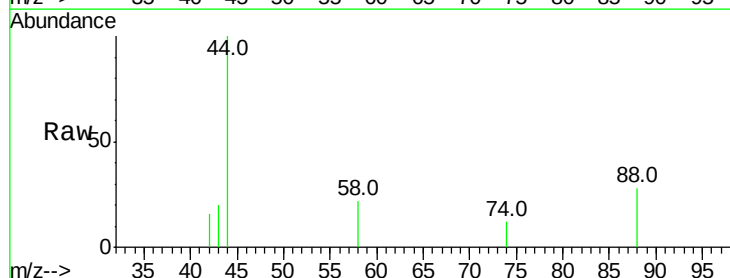
Tgt Ion: 88 Resp: 105

Ion Ratio Lower Upper

88 100

58 74.3 63.6 95.4

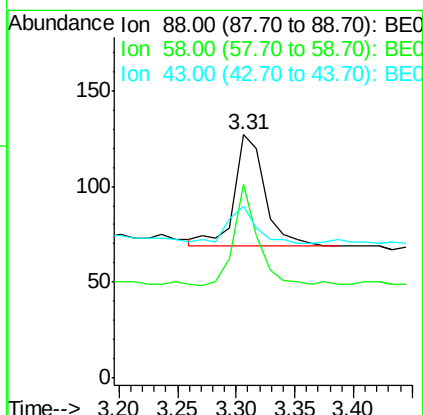
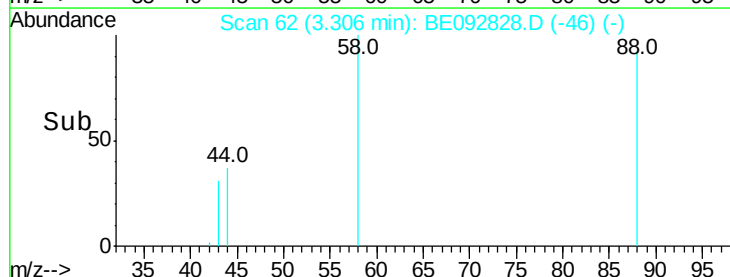
43 31.4 28.0 42.0

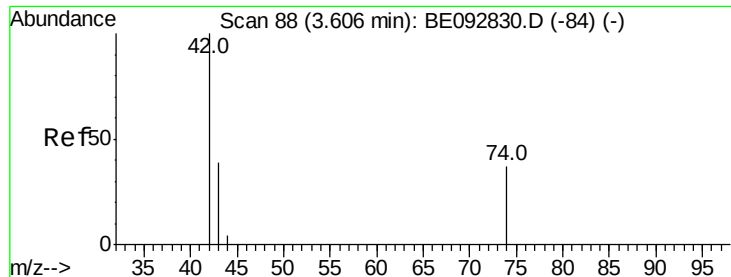


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.08 ng

RT: 3.62 min Scan# 89

Delta R.T. 0.01 min

Lab File: BE092828.D

Acq: 28 Mar 2017 9:33

Instrument :

BNA_E

ClientSampleId :

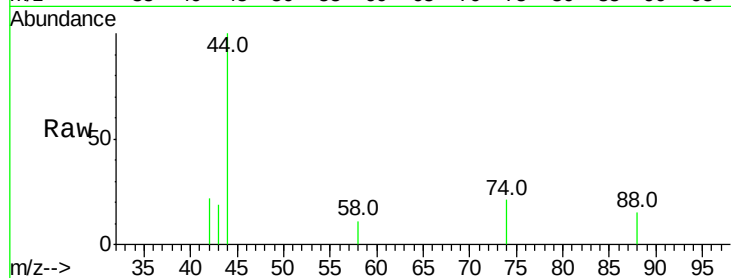
Tot Ion: 42 Resp: 99

Ion Ratio Lower Upper

42 100

74 105.1 86.0 129.0

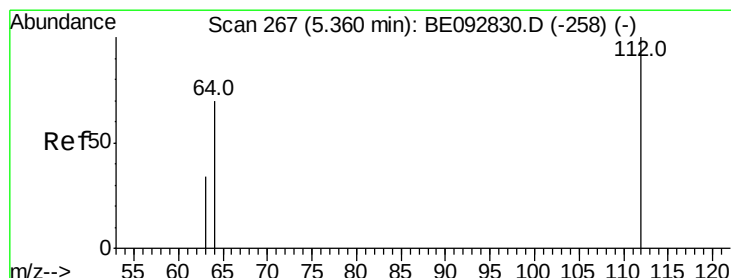
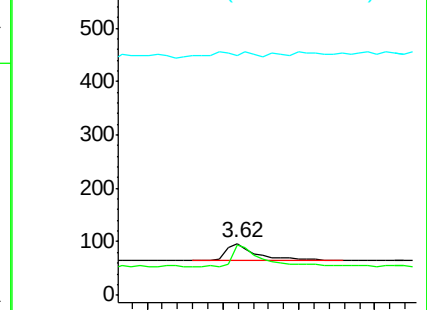
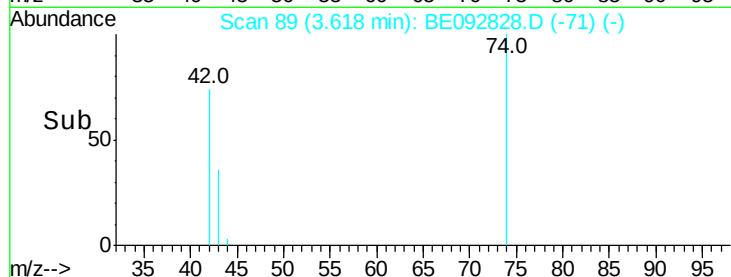
44 0.0 5.1 7.7#



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: 0.11 ng

RT: 5.36 min Scan# 267

Delta R.T. -0.00 min

Lab File: BE092828.D

Acq: 28 Mar 2017 9:33

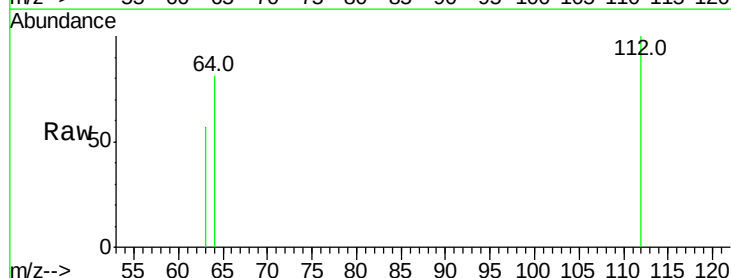
Tgt Ion: 112 Resp: 167

Ion Ratio Lower Upper

112 100

64 67.7 53.5 80.3

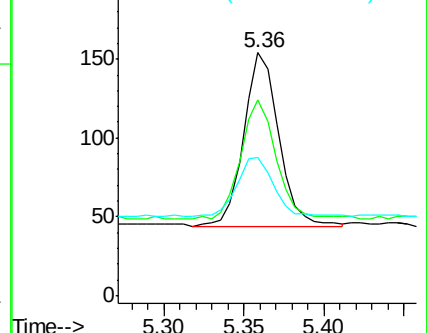
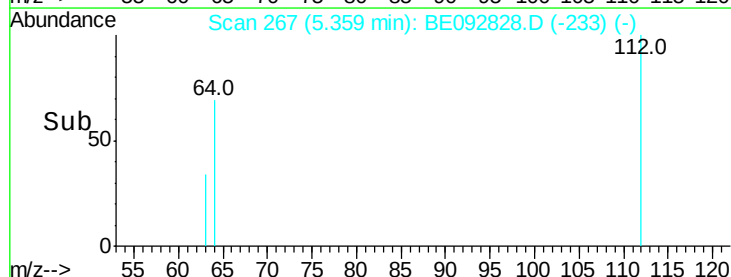
63 36.5 27.9 41.9

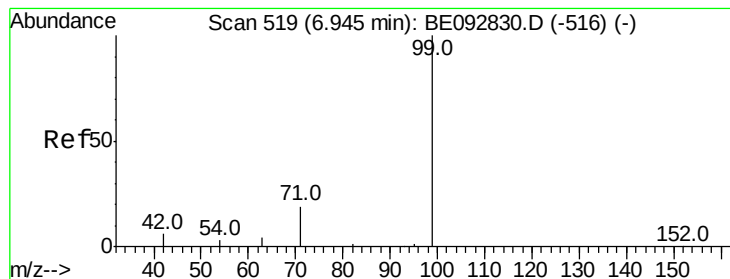


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.13 ng

RT: 6.94 min Scan# 519

Delta R.T. -0.00 min

Lab File: BE092828.D

Acq: 28 Mar 2017 9:33

Instrument :

BNA_E

ClientSampleId :

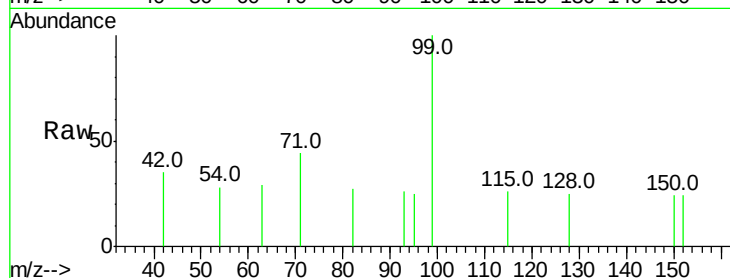
Tot Ion: 99 Resp: 238

Ion Ratio Lower Upper

99 100

42 0.0 16.0 24.0#

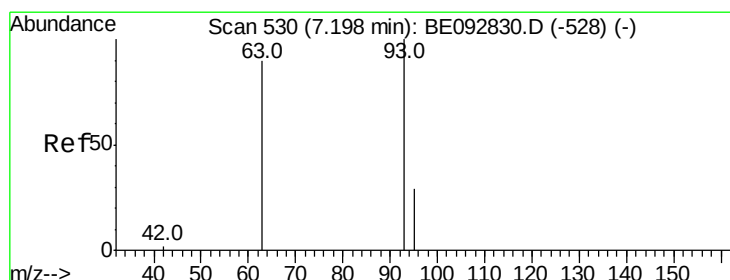
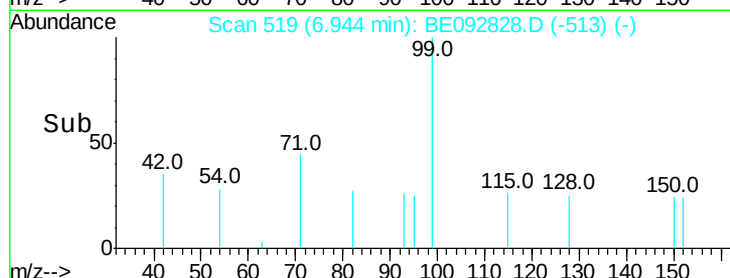
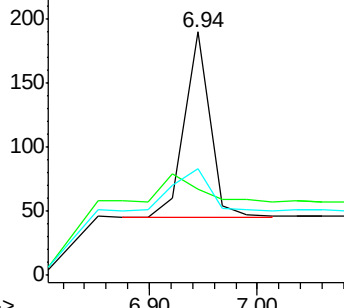
71 33.2 30.6 45.8



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: 0.11 ng

RT: 7.20 min Scan# 530

Delta R.T. -0.00 min

Lab File: BE092828.D

Acq: 28 Mar 2017 9:33

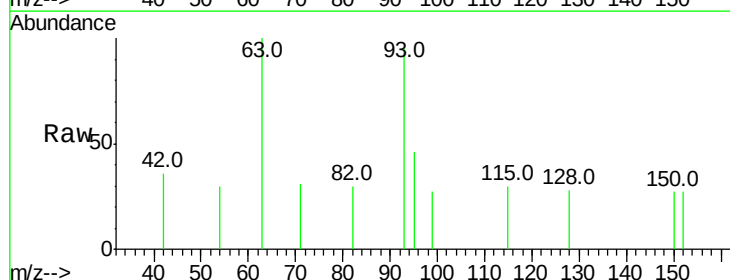
Tgt Ion: 93 Resp: 211

Ion Ratio Lower Upper

93 100

63 87.2 16.0 24.0#

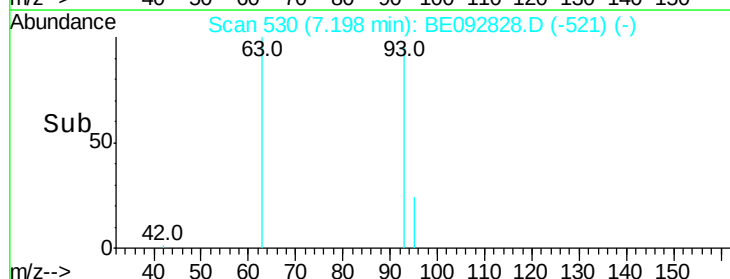
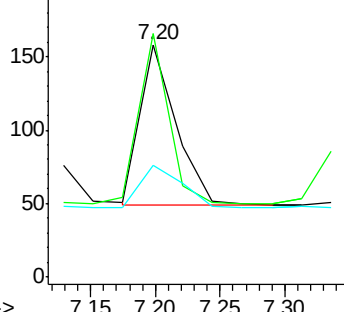
95 30.8 24.0 36.0

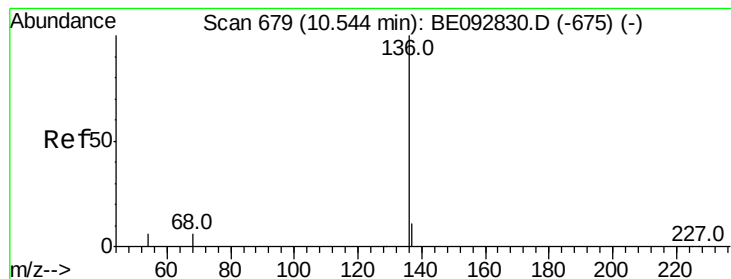


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE092828.D

Acq: 28 Mar 2017 9:33

Instrument :

BNA_E

ClientSampled :

Tot Ion:136 Resp: 31073

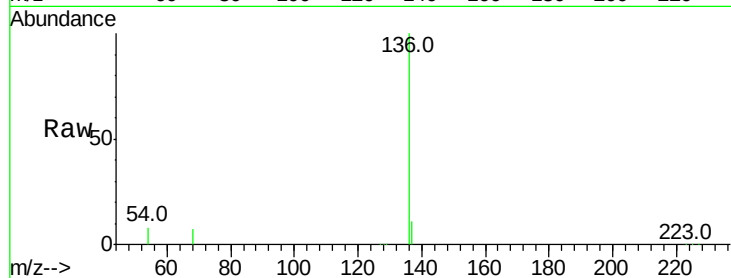
Ion Ratio Lower Upper

136 100

137 10.7 8.2 12.4

54 8.4 9.6 14.4#

68 7.4 6.7 10.1

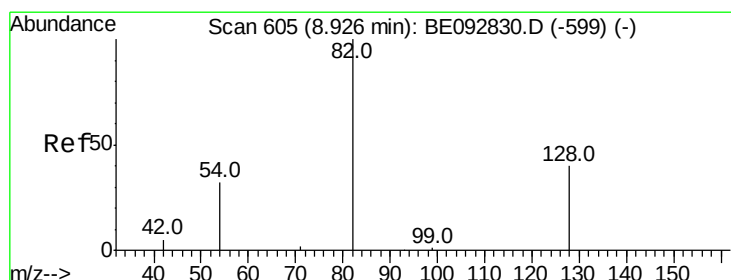
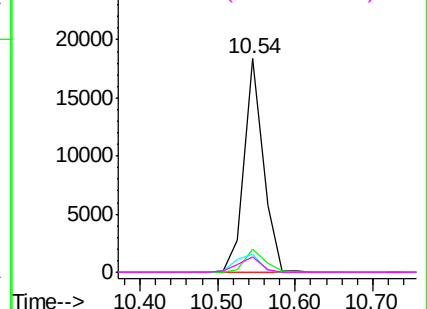
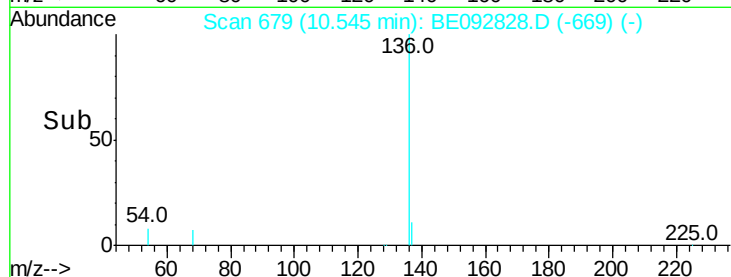


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.09 ng

RT: 8.93 min Scan# 605

Delta R.T. -0.00 min

Lab File: BE092828.D

Acq: 28 Mar 2017 9:33

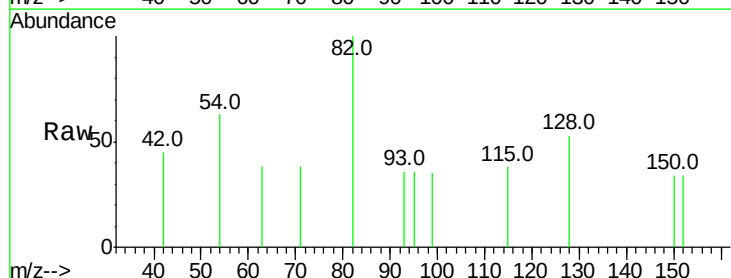
Tgt Ion: 82 Resp: 162

Ion Ratio Lower Upper

82 100

128 53.0 39.0 58.4

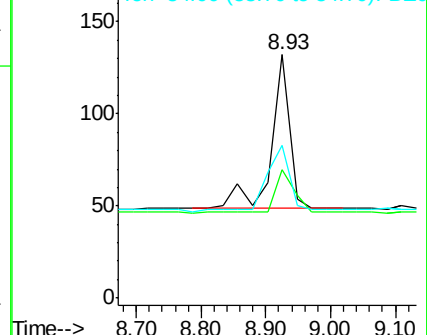
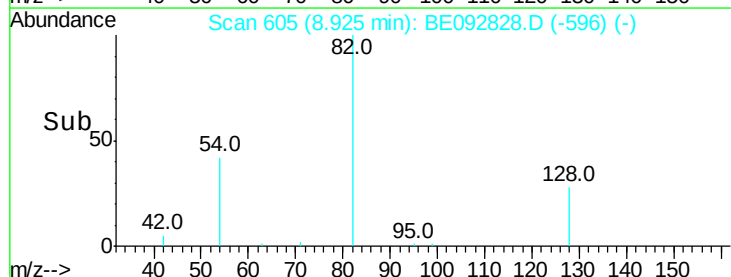
54 62.9 44.8 67.2

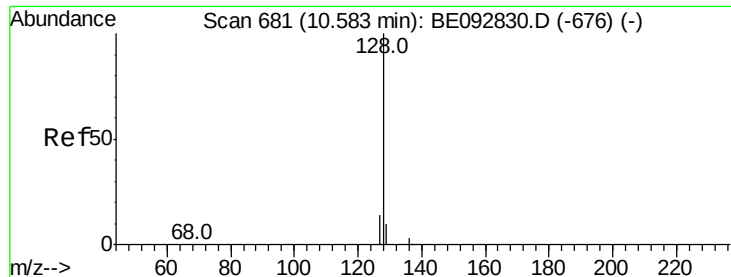


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.10 ng

RT: 10.60 min Scan# 682

Delta R.T. 0.02 min

Lab File: BE092828.D

Acq: 28 Mar 2017 9:33

Instrument :

BNA_E

ClientSampleId :

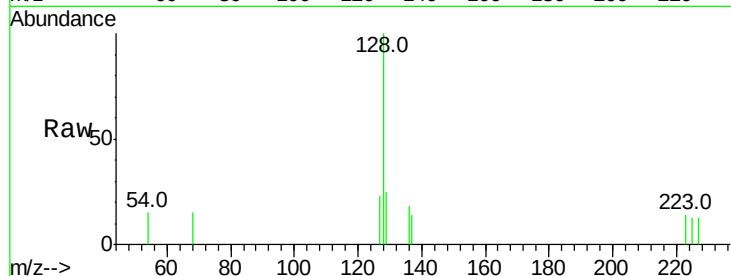
Tot Ion:128 Resp: 679

Ion Ratio Lower Upper

128 100

129 24.6 11.2 16.8#

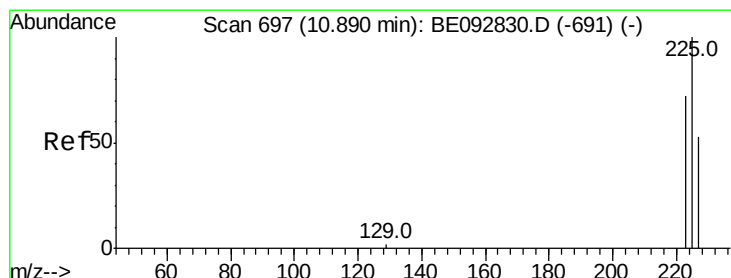
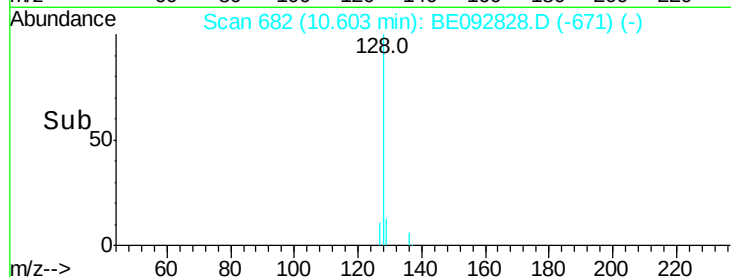
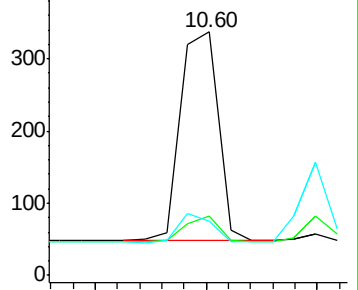
127 22.6 11.6 17.4#



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



#10

Hexachlorobutadiene

Concen: 0.10 ng

RT: 10.91 min Scan# 698

Delta R.T. 0.02 min

Lab File: BE092828.D

Acq: 28 Mar 2017 9:33

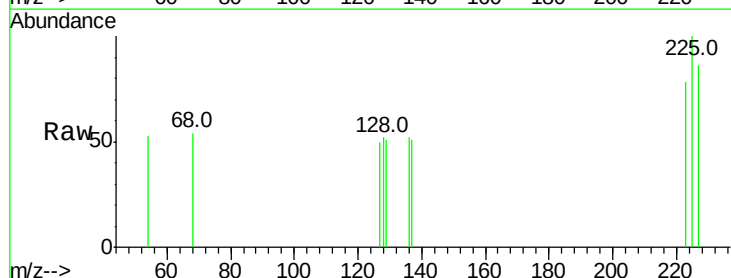
Tgt Ion:225 Resp: 97

Ion Ratio Lower Upper

225 100

223 67.0 50.6 76.0

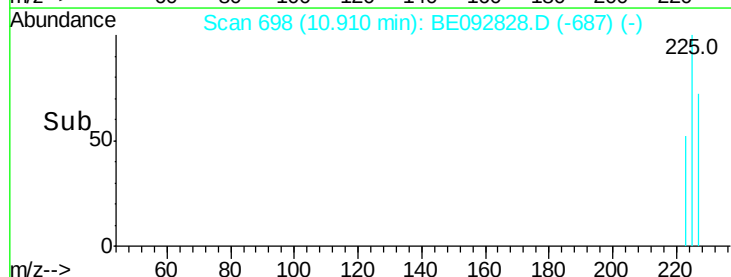
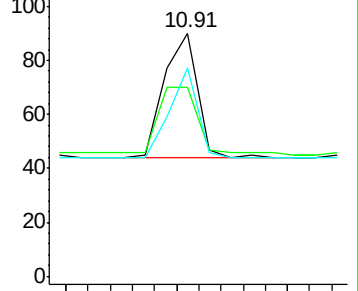
227 59.8 51.4 77.0

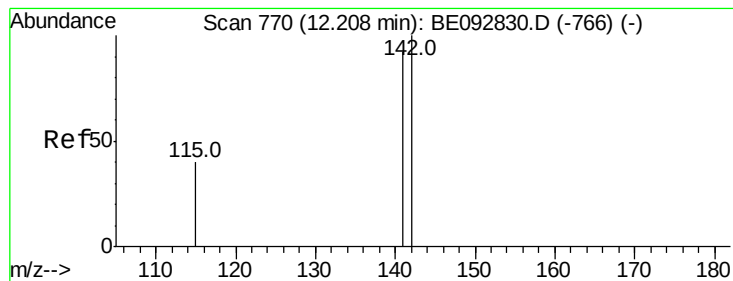


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene

Concen: 0.10 ng

RT: 12.22 min Scan# 771

Delta R.T. 0.01 min

Lab File: BE092828.D

Acq: 28 Mar 2017 9:33

Instrument :

BNA_E

ClientSampleId :

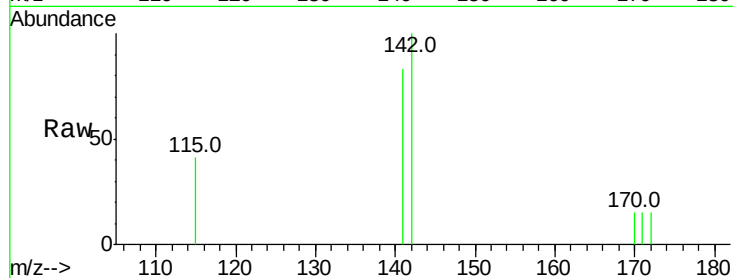
Tot Ion:142 Resp: 426

Ion Ratio Lower Upper

142 100

141 83.3 73.7 110.5

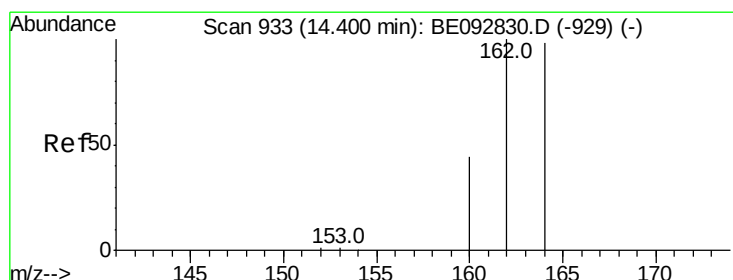
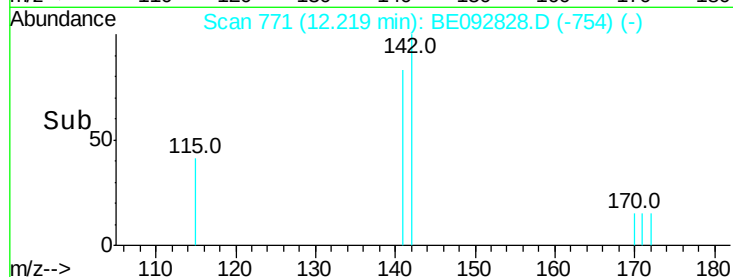
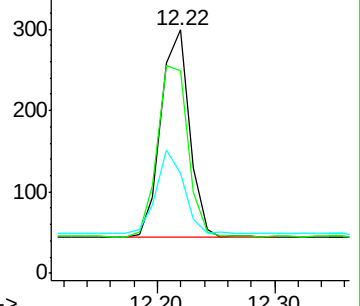
115 41.5 34.0 51.0



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: 14.40 min Scan# 933

Delta R.T. 0.00 min

Lab File: BE092828.D

Acq: 28 Mar 2017 9:33

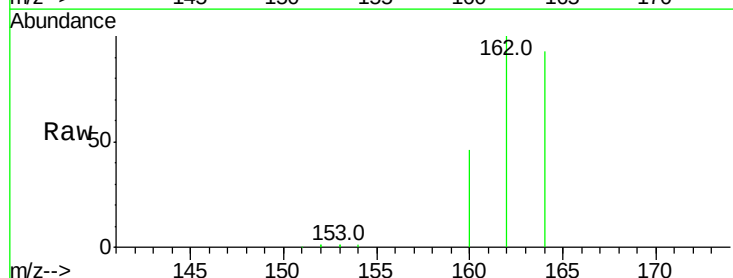
Tgt Ion:164 Resp: 15342

Ion Ratio Lower Upper

164 100

162 107.5 71.4 107.0#

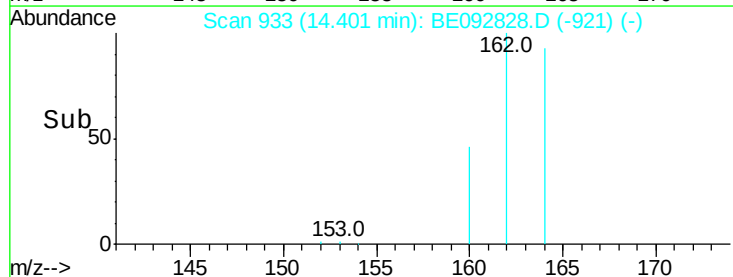
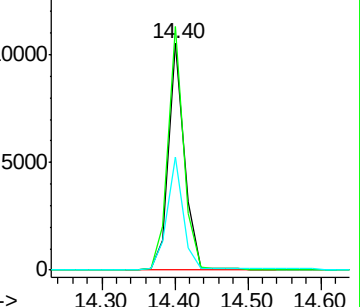
160 49.6 27.4 41.2#

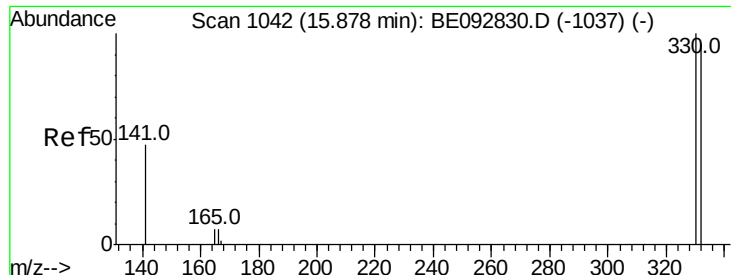


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

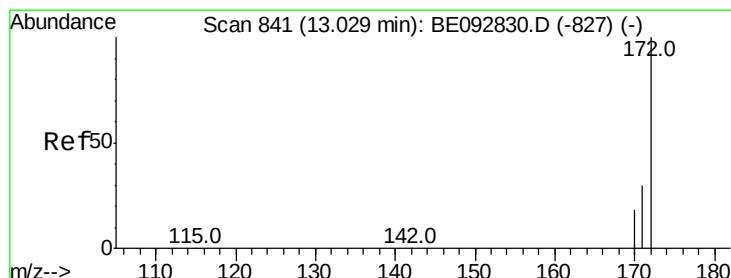
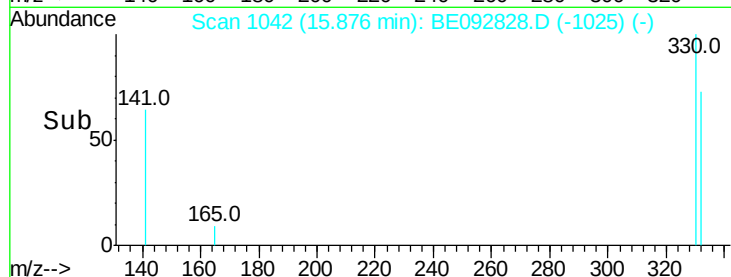
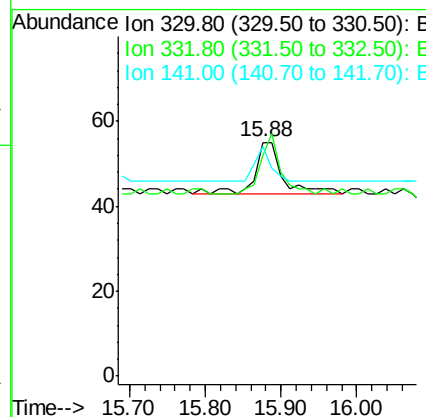
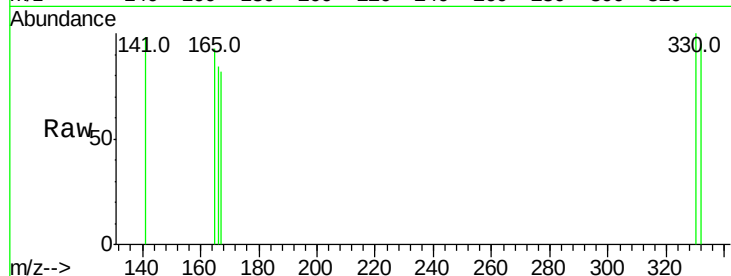




#13
 2,4,6-Tribromophenol
 Concen: 0.07 ng
 RT: 15.88 min Scan# 1042
 Delta R.T. -0.00 min
 Lab File: BE092828.D
 Acq: 28 Mar 2017 9:33

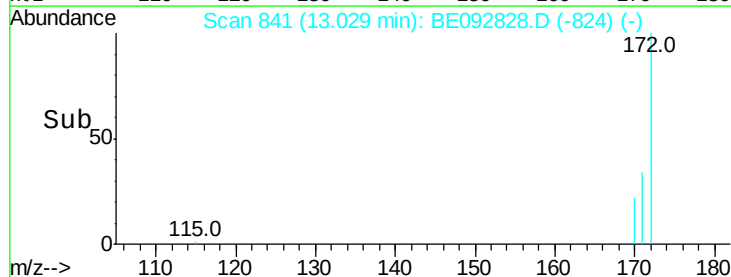
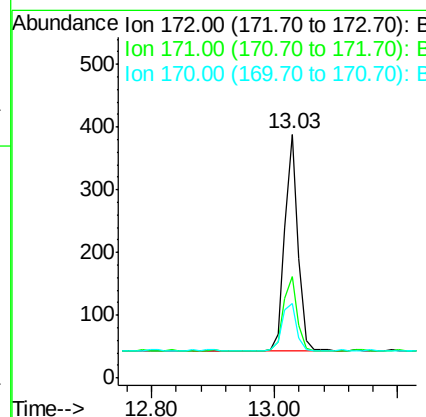
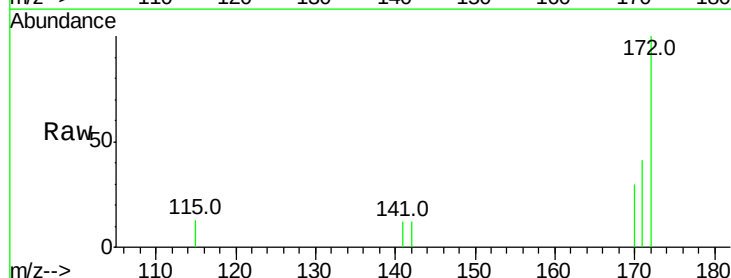
Instrument :
 BNA_E
 ClientSampleId :

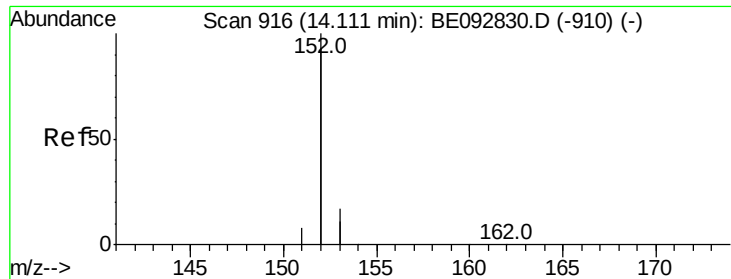
Tot Ion:330 Resp: 29
 Ion Ratio Lower Upper
 330 100
 332 82.8 75.4 113.0
 141 37.9 31.0 46.6



#14
 2-Fluorobiphenyl
 Concen: 0.14 ng
 RT: 13.03 min Scan# 841
 Delta R.T. 0.00 min
 Lab File: BE092828.D
 Acq: 28 Mar 2017 9:33

Tgt Ion:172 Resp: 508
 Ion Ratio Lower Upper
 172 100
 171 41.5 30.1 45.1
 170 30.4 21.8 32.6

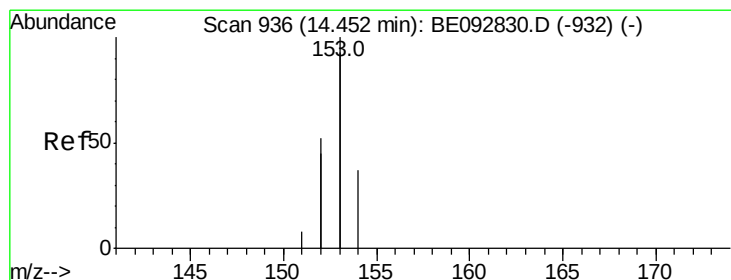
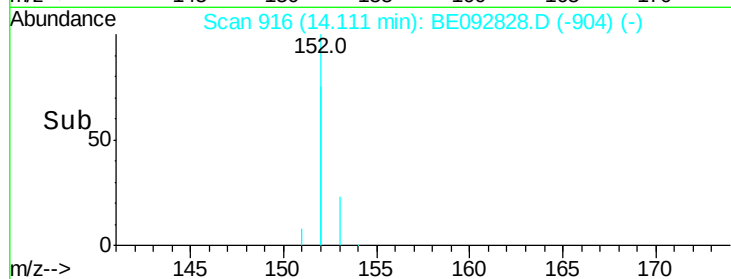
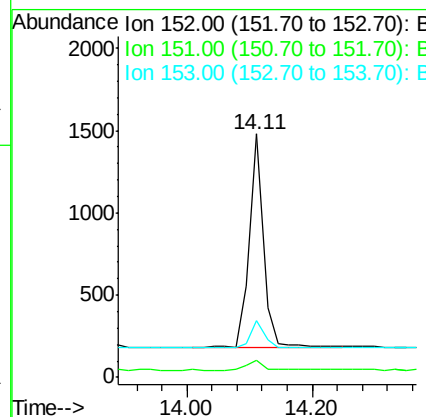
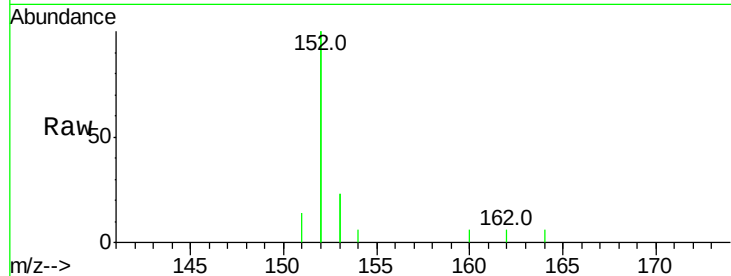




#15
Acenaphthylene
Concen: 0.09 ng
RT: 14.11 min Scan# 916
Delta R.T. 0.00 min
Lab File: BE092828.D
Acq: 28 Mar 2017 9:33

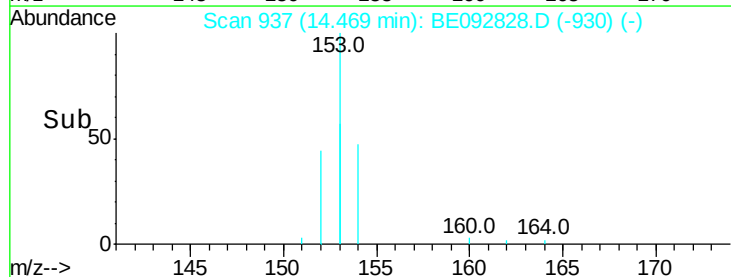
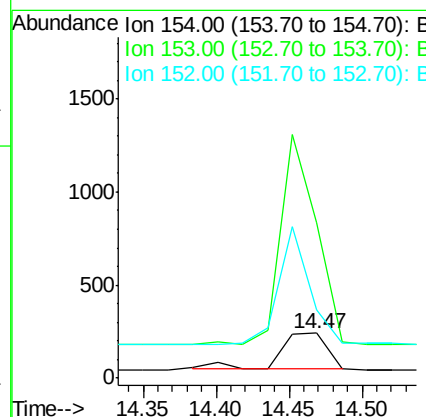
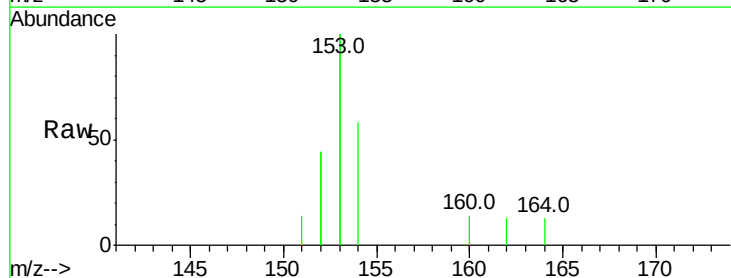
Instrument :
BNA_E
ClientSampleId :

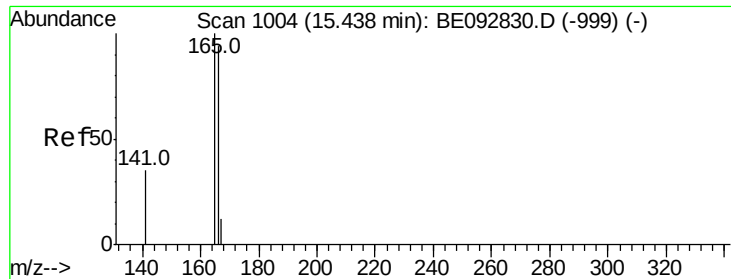
Tot Ion:152 Resp: 2065
Ion Ratio Lower Upper
152 100
151 5.0 3.9 5.9
153 12.3 10.4 15.6



#16
Acenaphthene
Concen: 0.13 ng
RT: 14.47 min Scan# 937
Delta R.T. 0.02 min
Lab File: BE092828.D
Acq: 28 Mar 2017 9:33

Tgt Ion:154 Resp: 422
Ion Ratio Lower Upper
154 100
153 452.4 350.8 526.2
152 220.4 171.1 256.7

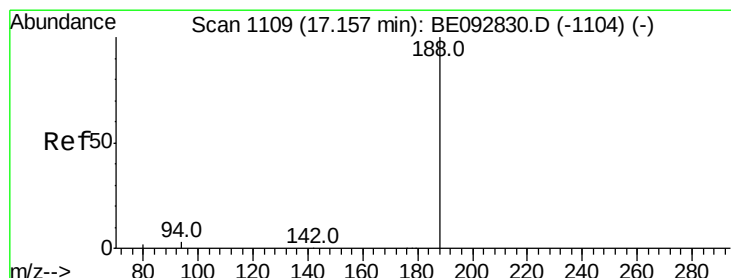
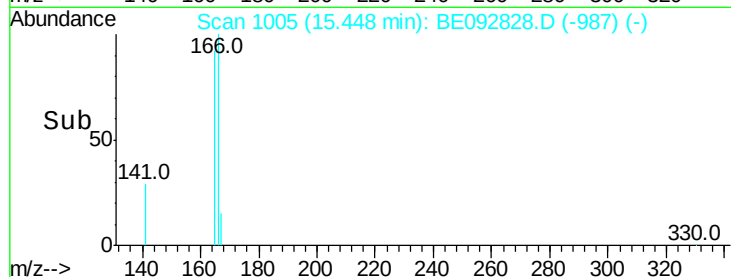
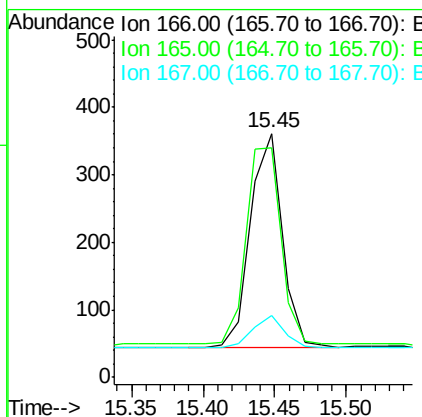
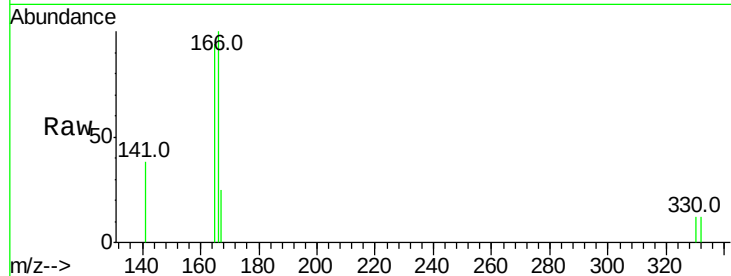




#17
 Fluorene
 Concen: 0.11 ng
 RT: 15.45 min Scan# 1005
 Delta R.T. 0.01 min
 Lab File: BE092828.D
 Acq: 28 Mar 2017 9:33

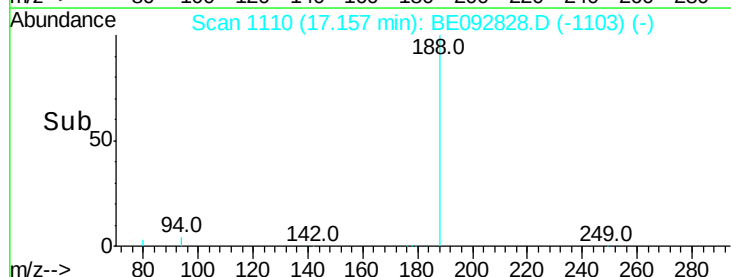
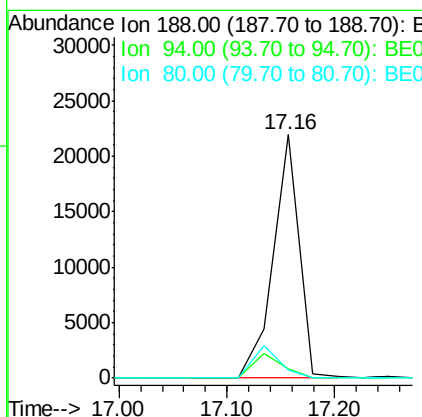
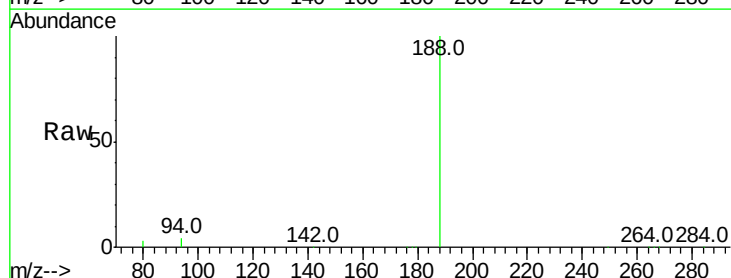
Instrument :
 BNA_E
 ClientSampled :

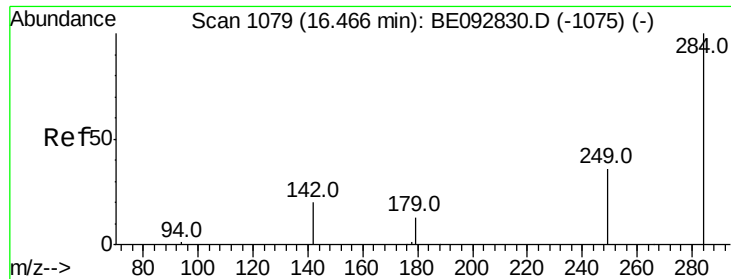
Tot Ion	Ratio	Lower	Upper
166	100		
165	101.2	78.2	117.4
167	14.0	11.0	16.4



#18
 Phenanthrene-d10
 Concen: 5.00 ng
 RT: 17.16 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: BE092828.D
 Acq: 28 Mar 2017 9:33

Tgt Ion	Ratio	Lower	Upper
188	100		
94	3.9	3.2	4.8
80	3.3	2.6	3.8

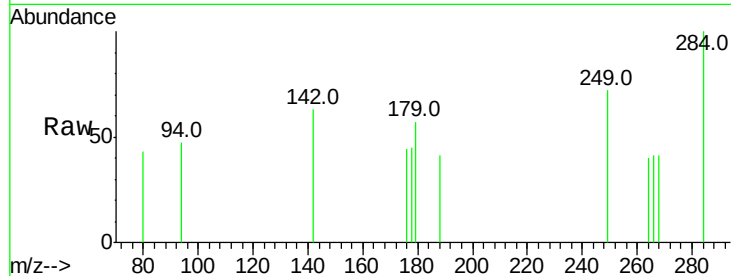




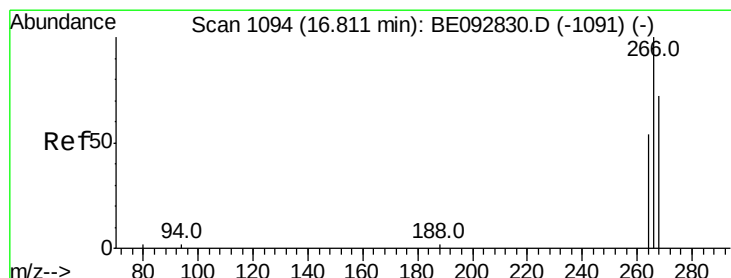
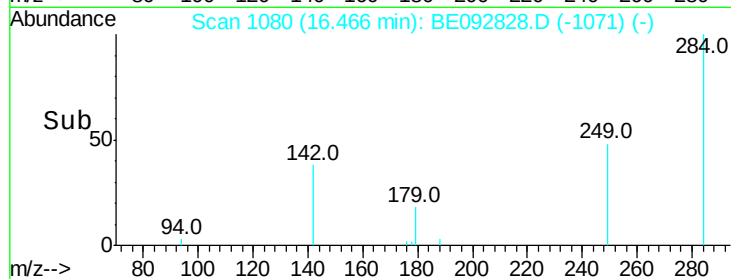
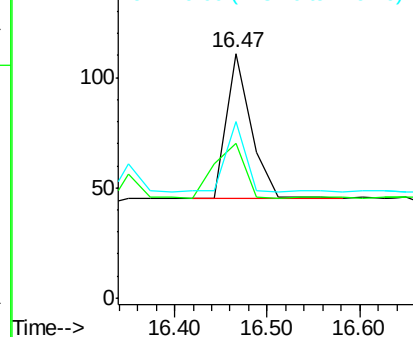
#19
Hexachlorobenzene
Concen: 0.08 ng
RT: 16.47 min Scan# 1080
Delta R.T. 0.00 min
Lab File: BE092828.D
Acq: 28 Mar 2017 9:33

Instrument :
BNA_E
ClientSampled :

Tot Ion:284 Resp: 124
Ion Ratio Lower Upper
284 100
142 46.8 29.1 43.7#
249 38.7 27.9 41.9

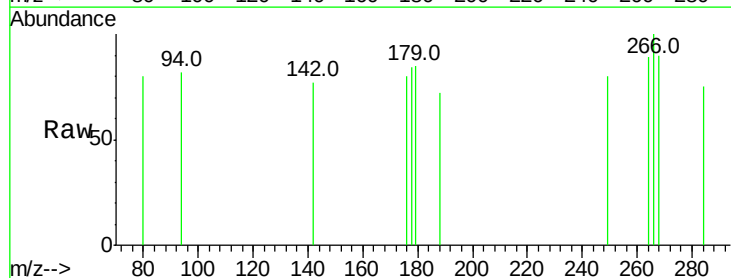


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

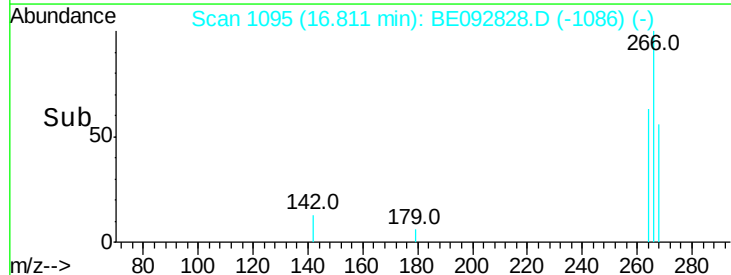
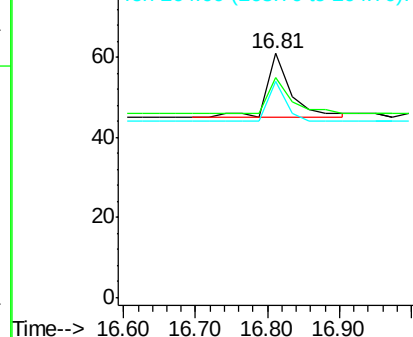


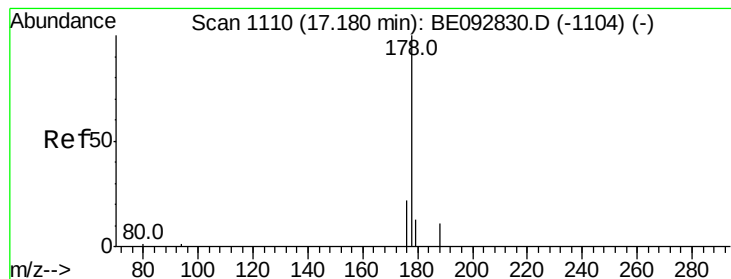
#20
Pentachlorophenol
Concen: 0.07 ng
RT: 16.81 min Scan# 1095
Delta R.T. 0.00 min
Lab File: BE092828.D
Acq: 28 Mar 2017 9:33

Tgt Ion:266 Resp: 37
Ion Ratio Lower Upper
266 100
268 90.2 62.5 93.7
264 88.5 57.2 85.8#



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





#21

Phenanthrene

Concen: 0.10 ng

RT: 17.18 min Scan# 1111

Delta R.T. 0.00 min

Lab File: BE092828.D

Acq: 28 Mar 2017 9:33

Instrument :

BNA_E

ClientSampled :

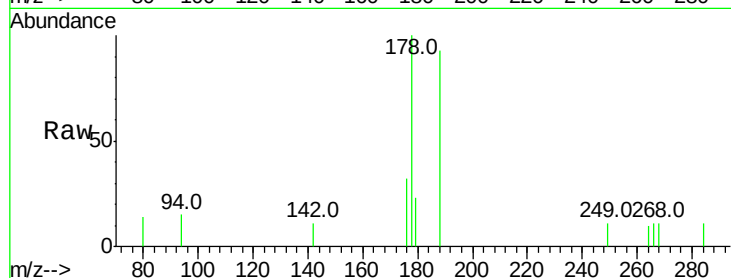
Tot Ion:178 Resp: 843

Ion Ratio Lower Upper

178 100

176 20.2 15.8 23.8

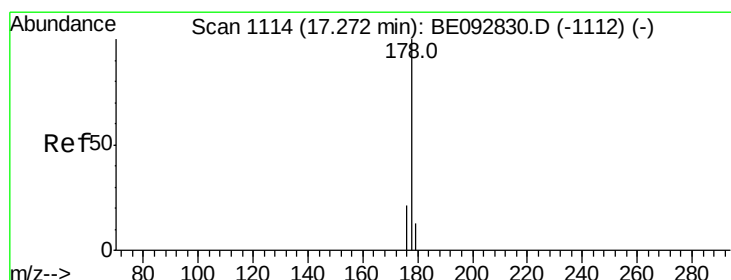
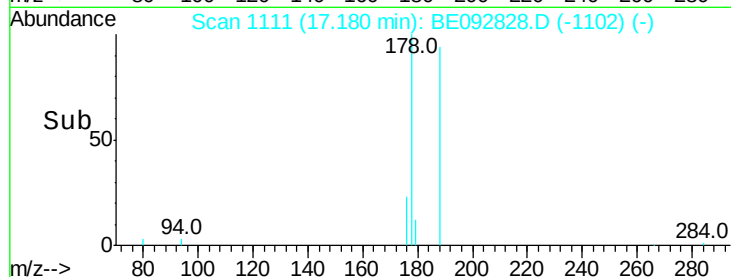
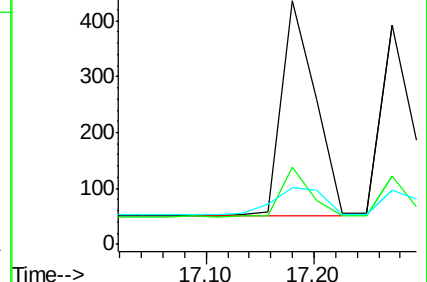
179 18.7 16.0 24.0



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: 0.07 ng

RT: 17.27 min Scan# 1115

Delta R.T. 0.00 min

Lab File: BE092828.D

Acq: 28 Mar 2017 9:33

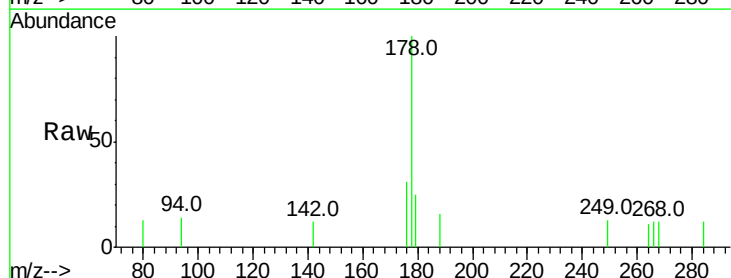
Tgt Ion:178 Resp: 669

Ion Ratio Lower Upper

178 100

176 19.3 15.0 22.4

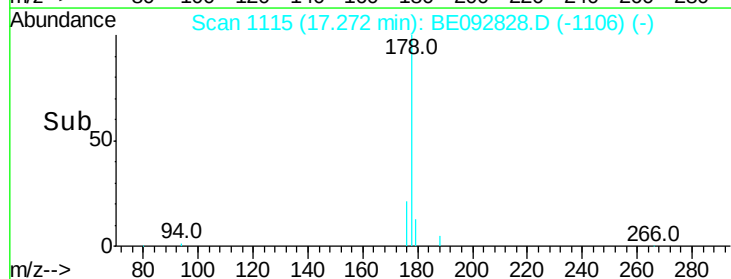
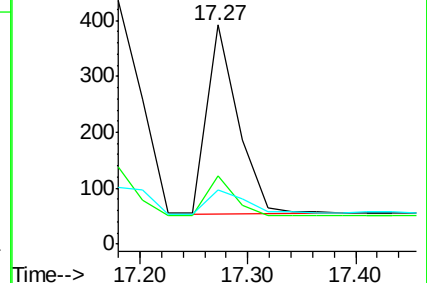
179 16.1 12.2 18.2

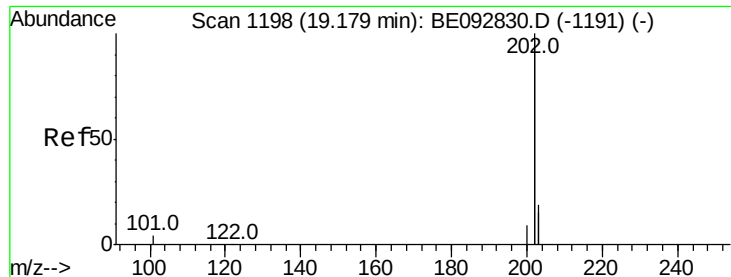


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#23

Fluoranthene

Concen: 0.09 ng

RT: 19.18 min Scan# 1199

Delta R.T. 0.00 min

Lab File: BE092828.D

Acq: 28 Mar 2017 9:33

Instrument :

BNA_E

ClientSampleId :

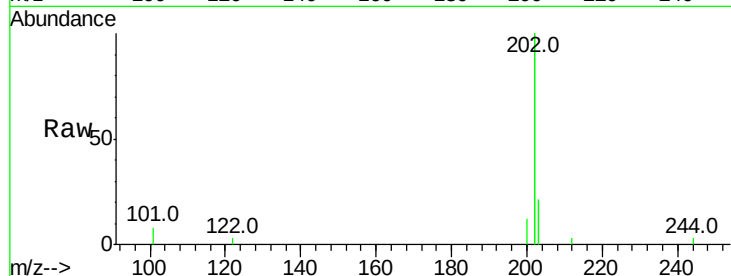
Tot Ion:202 Resp: 3740

Ion Ratio Lower Upper

202 100

101 3.2 2.2 3.4

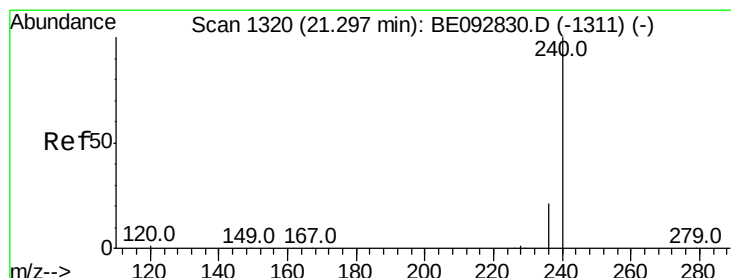
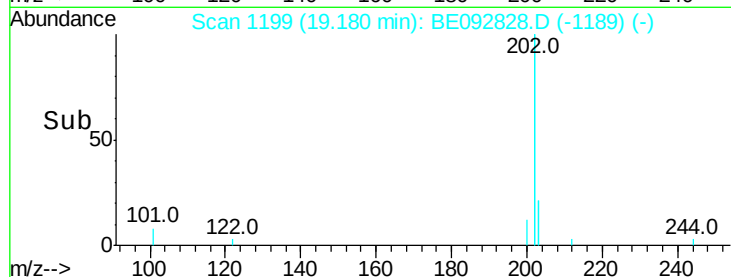
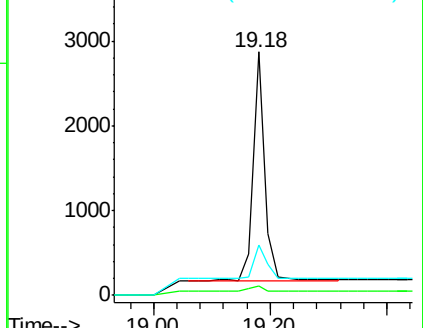
203 16.7 13.7 20.5



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: 21.30 min Scan# 1321

Delta R.T. 0.00 min

Lab File: BE092828.D

Acq: 28 Mar 2017 9:33

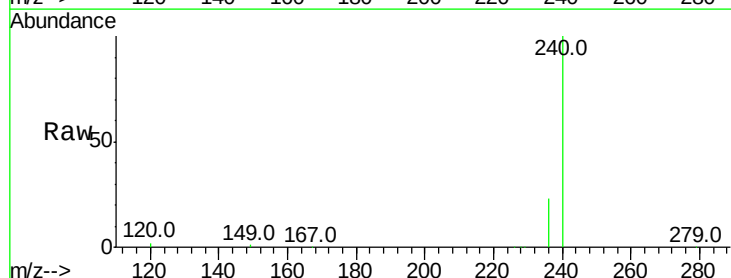
Tgt Ion:240 Resp: 41803

Ion Ratio Lower Upper

240 100

120 1.8 2.6 4.0#

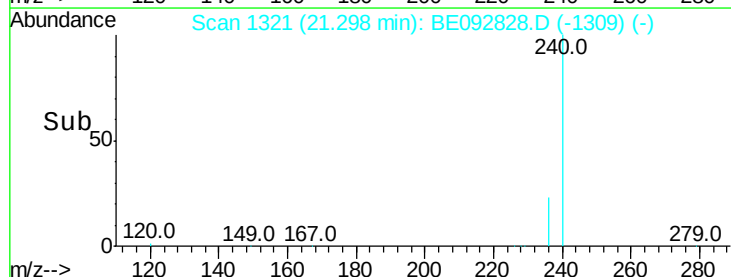
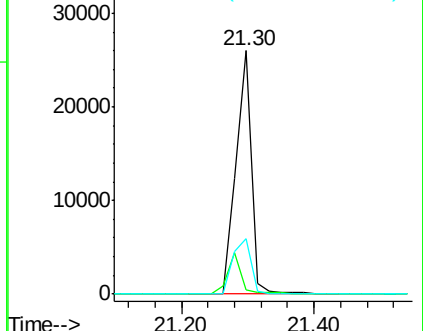
236 22.7 24.6 37.0#

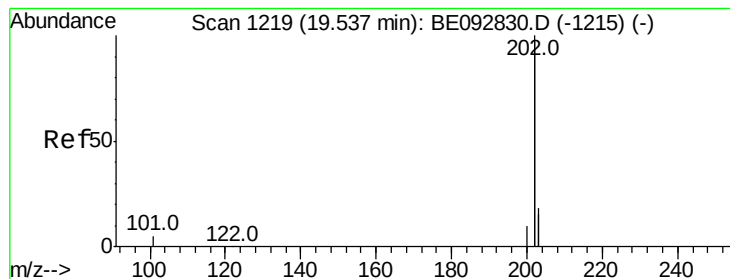


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#25

Pvrene

Concen: 0.10 ng

RT: 19.54 min Scan# 1220

Delta R.T. 0.00 min

Lab File: BE092828.D

Acq: 28 Mar 2017 9:33

Instrument :

BNA_E

ClientSampleId :

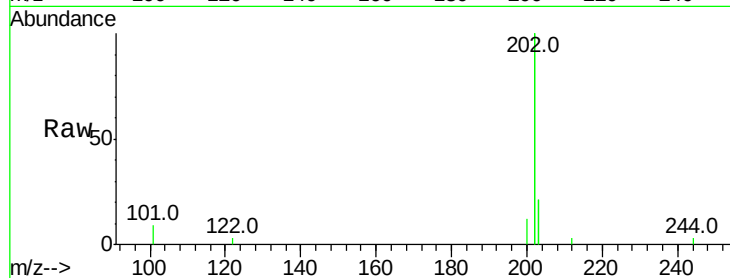
Tot Ion:202 Resp: 3901

Ion Ratio Lower Upper

202 100

200 5.0 4.2 6.4

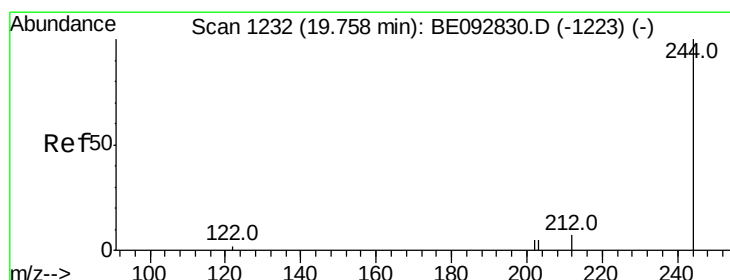
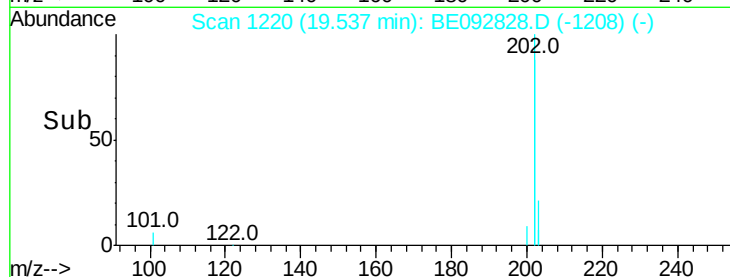
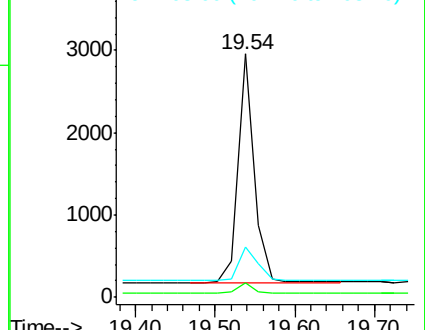
203 17.6 13.9 20.9



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: 0.16 ng

RT: 19.76 min Scan# 1233

Delta R.T. 0.00 min

Lab File: BE092828.D

Acq: 28 Mar 2017 9:33

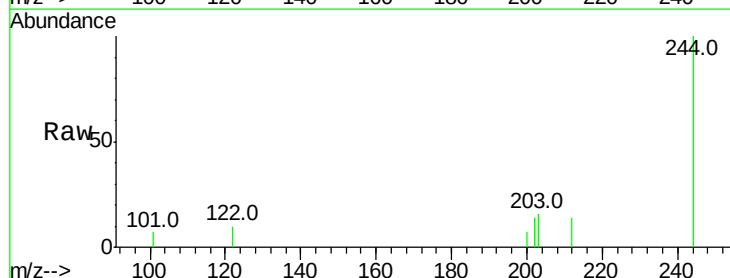
Tgt Ion:244 Resp: 830

Ion Ratio Lower Upper

244 100

212 14.2 6.7 10.1#

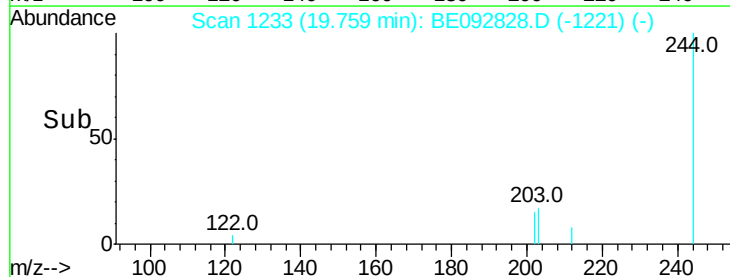
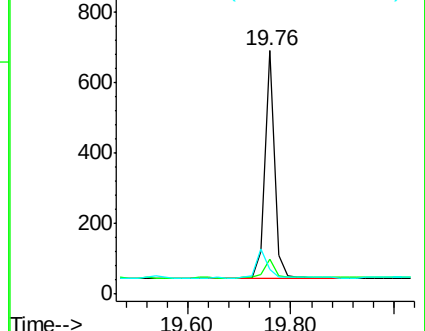
122 10.2 3.6 5.4#

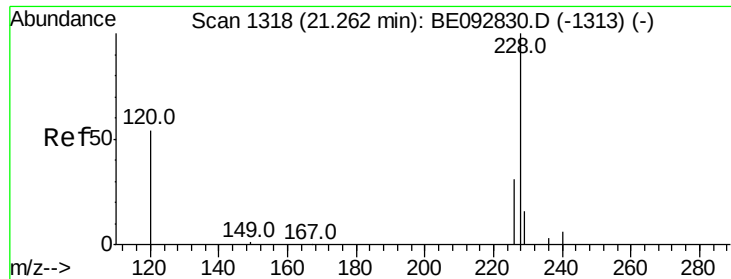


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#27

Benzo(a)anthracene

Concen: 0.02 ng

RT: 21.28 min Scan# 1320

Delta R.T. 0.02 min

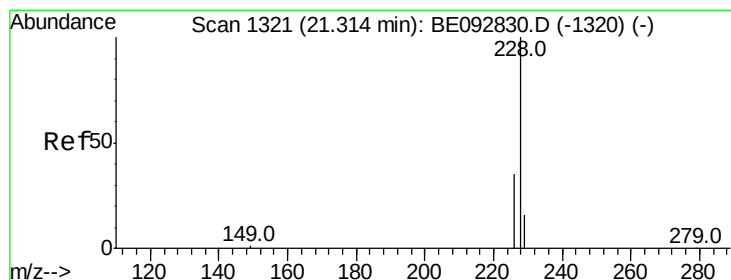
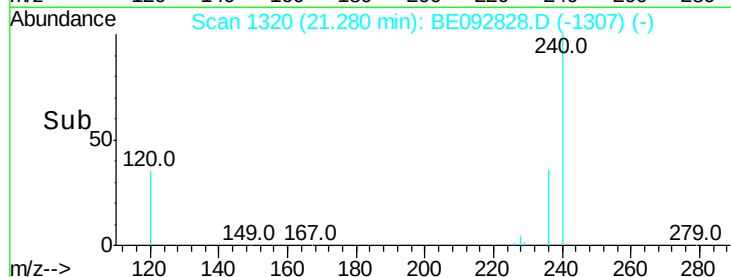
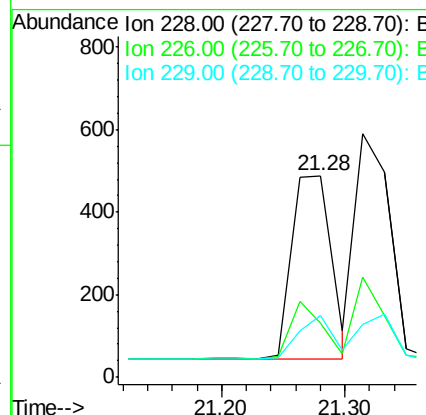
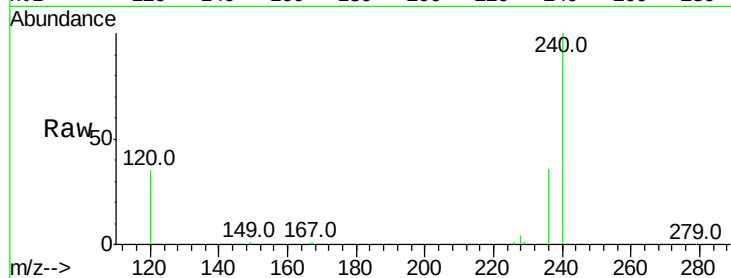
Lab File: BE092828.D

Acq: 28 Mar 2017 9:33

Instrument :
BNA_E
ClientSampleId :

Tot Ion:228 Resp: 1000

Ion	Ratio	Lower	Upper
228	100		
226	27.0	23.6	35.4
229	30.7	13.3	19.9



#28

Chrysene

Concen: 0.03 ng

RT: 21.31 min Scan# 1322

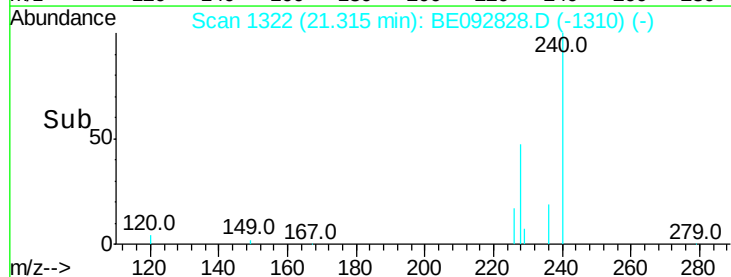
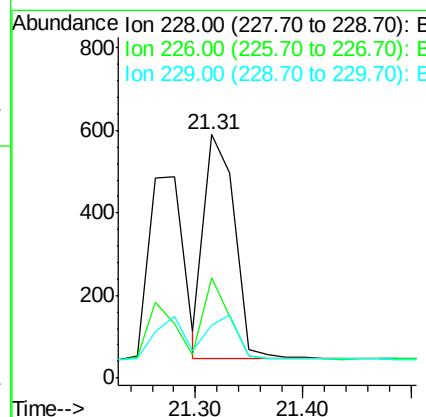
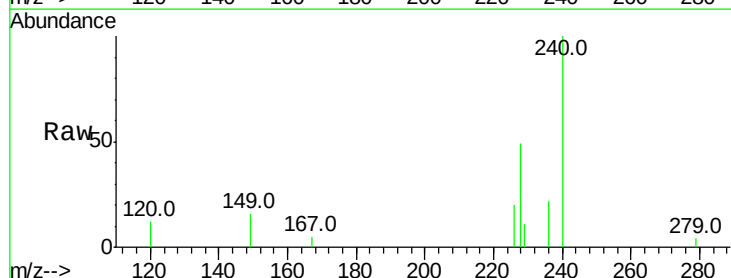
Delta R.T. 0.00 min

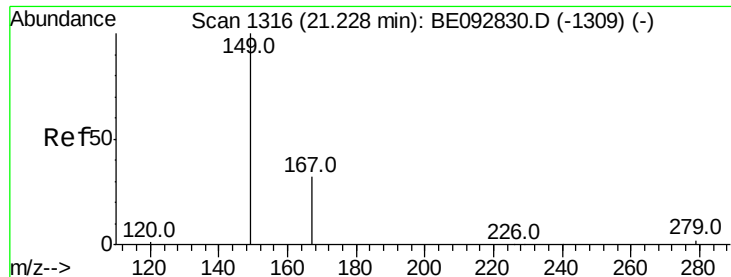
Lab File: BE092828.D

Acq: 28 Mar 2017 9:33

Tgt Ion:228 Resp: 1070

Ion	Ratio	Lower	Upper
228	100		
226	41.2	36.3	54.5
229	21.5	10.6	16.0





#29

Bis(2-ethylhexyl)phthalate

Concen: 0.09 ng

RT: 21.23 min Scan# 1317

Delta R.T. 0.00 min

Lab File: BE092828.D

Acq: 28 Mar 2017 9:33

Instrument :

BNA_E

ClientSampleId :

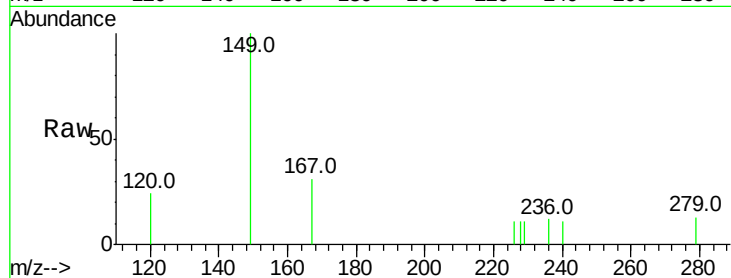
Tot Ion:149 Resp: 391

Ion Ratio Lower Upper

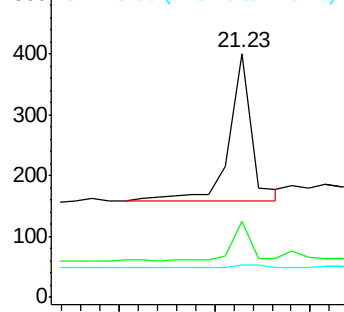
149 100

167 22.5 16.0 24.0

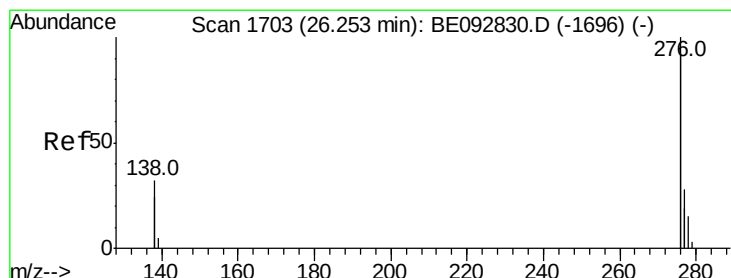
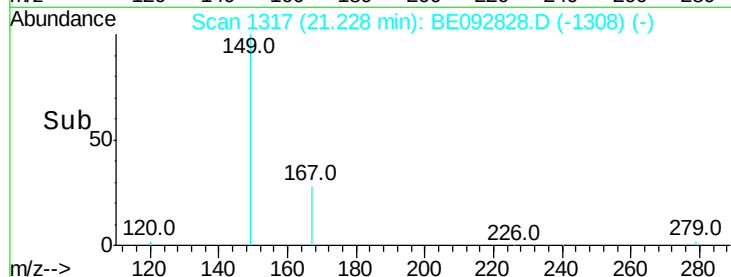
279 3.8 16.0 24.0#



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



Time-->



#30

Indeno(1,2,3-cd)pyrene

Concen: 0.09 ng

RT: 26.25 min Scan# 1704

Delta R.T. 0.00 min

Lab File: BE092828.D

Acq: 28 Mar 2017 9:33

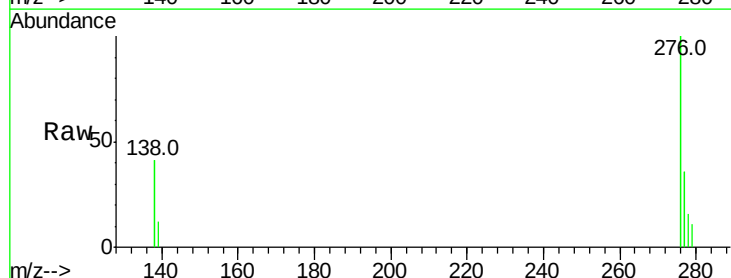
Tgt Ion:276 Resp: 3891

Ion Ratio Lower Upper

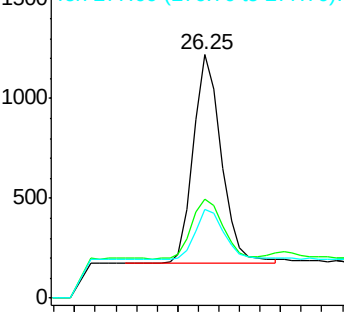
276 100

138 32.4 20.3 30.5#

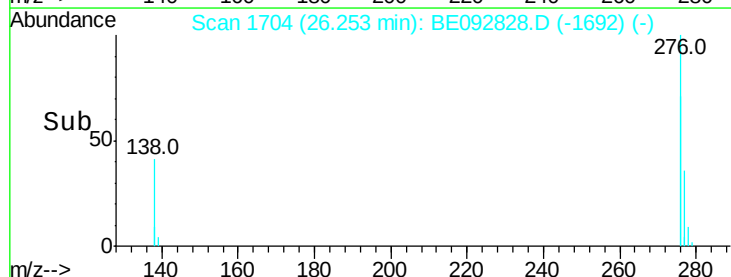
277 24.8 19.7 29.5

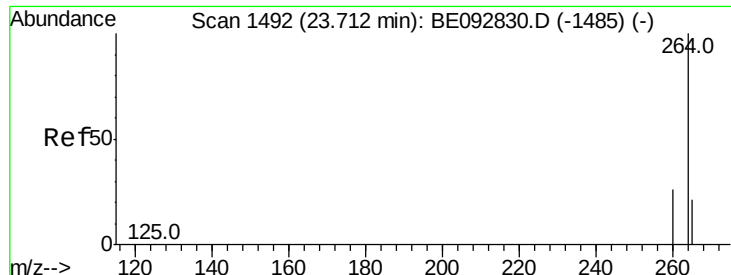


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



Time-->

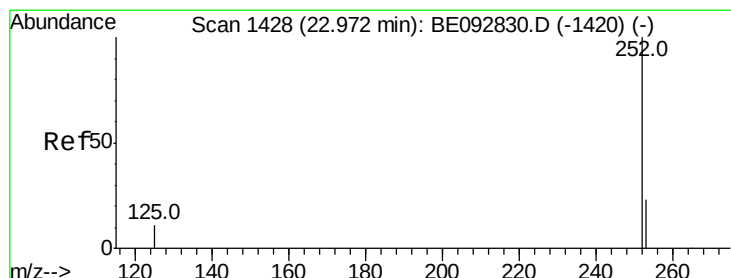
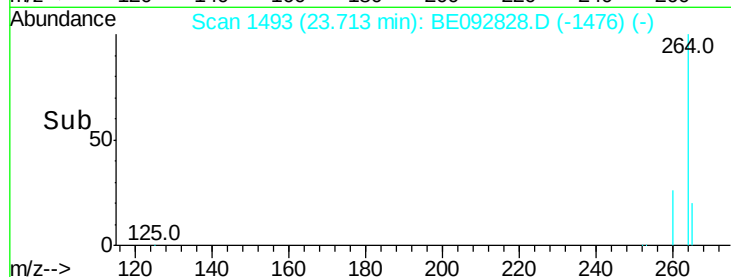
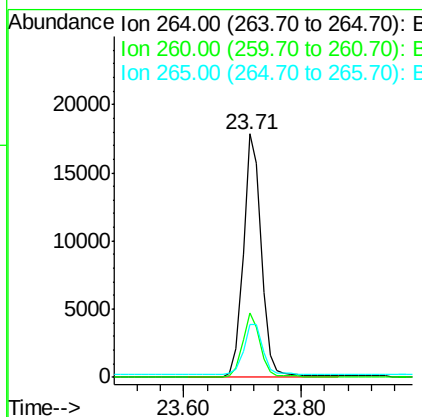
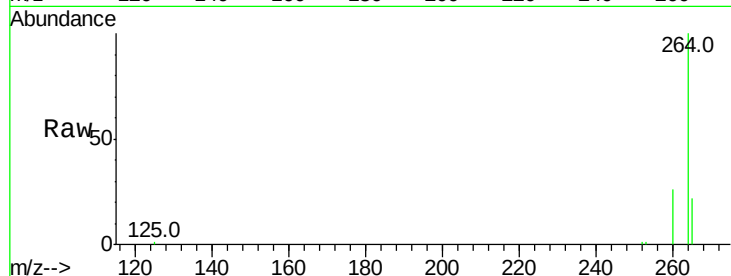




#31
 Pervlene-d12
 Concen: 5.00 ng
 RT: 23.71 min Scan# 1493
 Delta R.T. 0.00 min
 Lab File: BE092828.D
 Acq: 28 Mar 2017 9:33

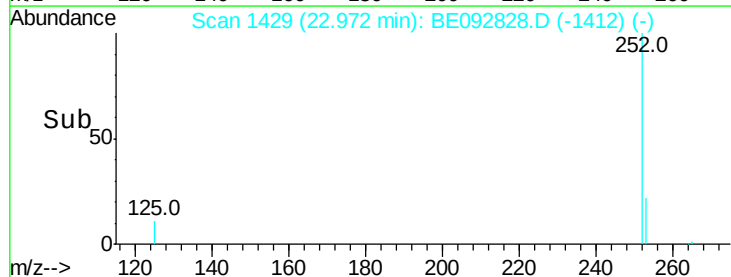
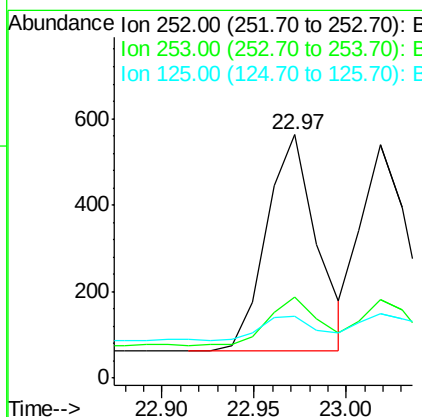
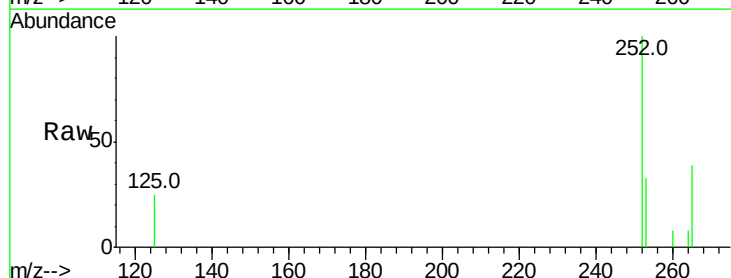
Instrument :
 BNA_E
 ClientSampleId :

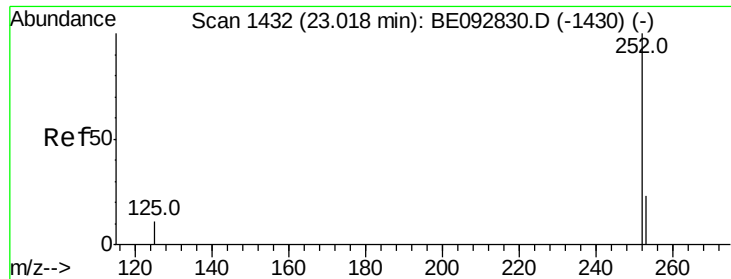
Tot Ion:264 Resp: 37516
 Ion Ratio Lower Upper
 264 100
 260 26.3 20.1 30.1
 265 21.6 17.9 26.9



#32
 Benzo(b)fluoranthene
 Concen: 0.10 ng
 RT: 22.97 min Scan# 1429
 Delta R.T. 0.00 min
 Lab File: BE092828.D
 Acq: 28 Mar 2017 9:33

Tgt Ion:252 Resp: 950
 Ion Ratio Lower Upper
 252 100
 253 33.2 18.7 28.1#
 125 25.4 10.5 15.7#





#33

Benzo(k)fluoranthene

Concen: 0.09 ng

RT: 23.02 min Scan# 1433

Delta R.T. 0.00 min

Lab File: BE092828.D

Acq: 28 Mar 2017 9:33

Instrument :

BNA_E

ClientSampleId :

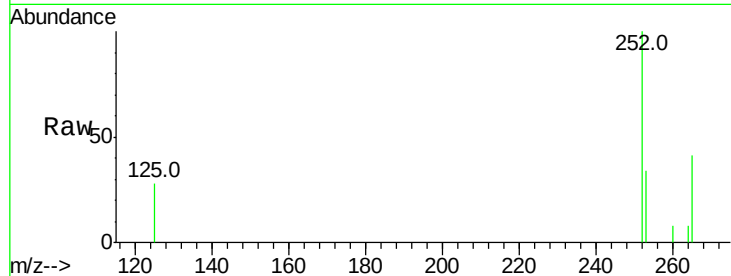
Tot Ion:252 Resp: 865

Ion Ratio Lower Upper

252 100

253 33.6 20.3 30.5#

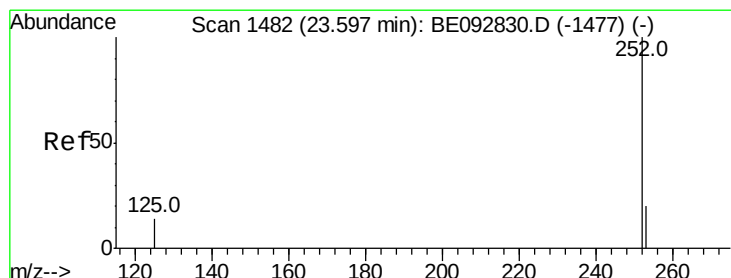
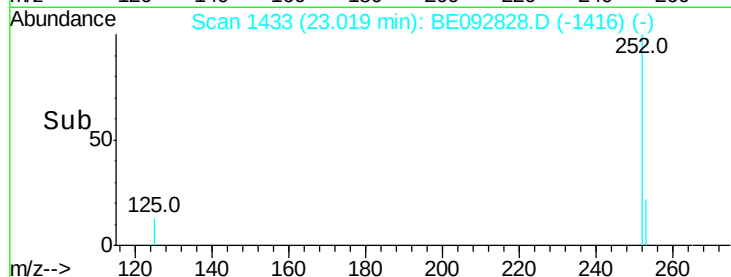
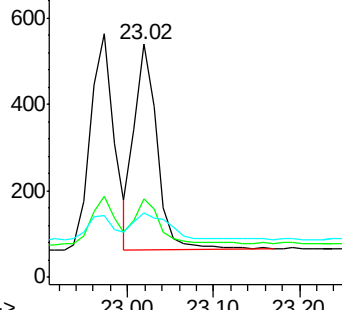
125 27.6 9.6 14.4#



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: 0.08 ng

RT: 23.60 min Scan# 1483

Delta R.T. 0.00 min

Lab File: BE092828.D

Acq: 28 Mar 2017 9:33

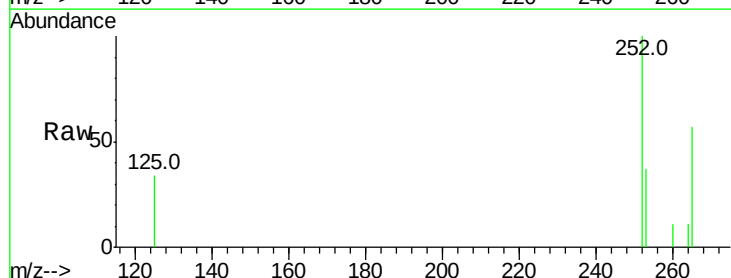
Tgt Ion:252 Resp: 759

Ion Ratio Lower Upper

252 100

253 37.2 19.0 28.6#

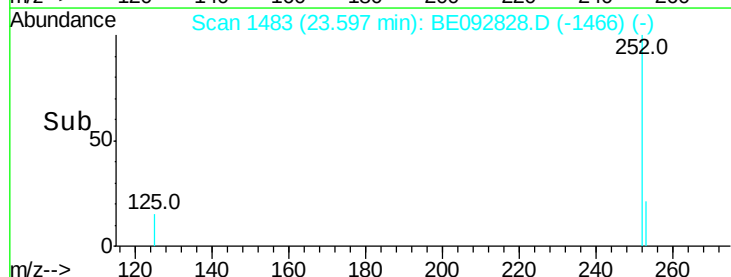
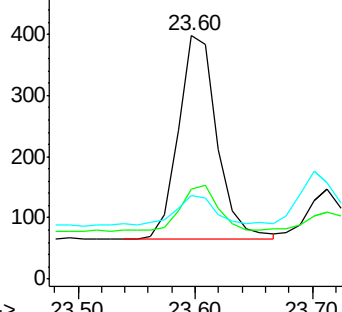
125 34.4 11.8 17.8#

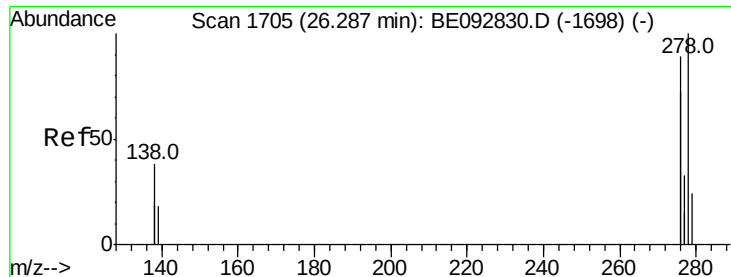


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



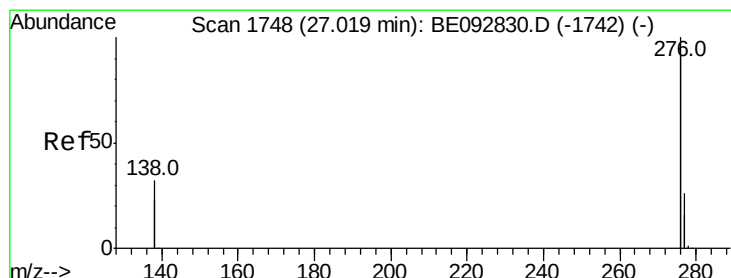
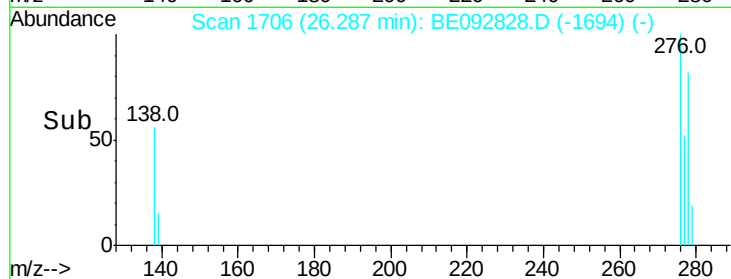
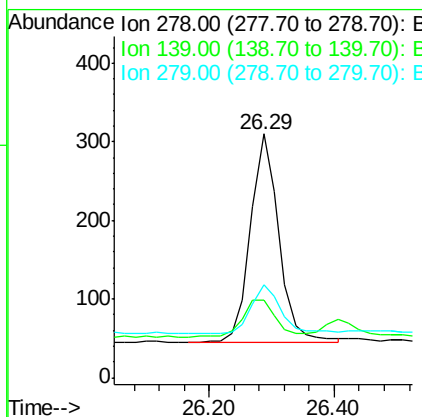
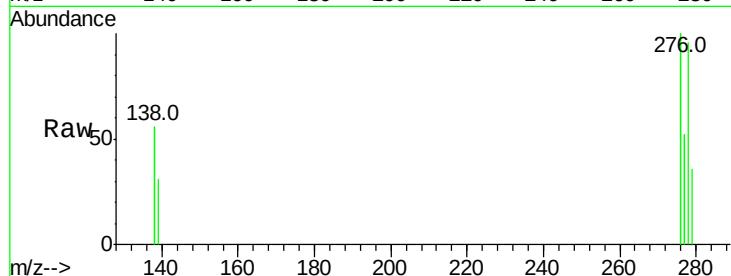


#35
Dibenzo(a,h)anthracene
Concen: 0.10 ng
RT: 26.29 min Scan# 1706
Delta R.T. 0.00 min
Lab File: BE092828.D
Acq: 28 Mar 2017 9:33

Instrument :
BNA_E
ClientSampleId :

Tot Ion:278 Resp: 832

Ion	Ratio	Lower	Upper
278	100		
139	31.9	13.8	20.8#
279	38.1	21.4	32.2#



#36
Benzo(g,h,i)perylene
Concen: 0.10 ng
RT: 27.04 min Scan# 1750
Delta R.T. 0.02 min
Lab File: BE092828.D
Acq: 28 Mar 2017 9:33

Tgt Ion:276 Resp: 3627

Ion	Ratio	Lower	Upper
276	100		
277	37.7	19.8	29.8#
138	37.9	19.8	29.6#

