

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042117\
 Data File : BE092911.D
 Acq On : 21 Apr 2017 17:03
 Operator : SJ/MA
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Apr 22 05:52:22 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE042017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 20 17:35:10 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	654	0.40	ng	0.00
7) Naphthalene-d8	10.54	136	2820	0.40	ng	0.02
13) Acenaphthene-d10	14.39	164	1275	0.40	ng	0.00
19) Phenanthrene-d10	17.13	188	3053	0.40	ng	0.00
26) Chrysene-d12	21.28	240	3101	0.40	ng	0.00
33) Perylene-d12	23.70	264	2680	0.40	ng	0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.35	112	544	0.38	ng	0.00
5) Phenol-d6	6.94	99	778	0.39	ng	0.00
8) Nitrobenzene-d5	8.93	82	727	0.39	ng	0.02
11) 2-Methylnaphthalene-d10	12.13	152	1565	0.38	ng	0.00
14) 2,4,6-Tribromophenol	15.88	330	75	0.36	ng	0.01
15) 2-Fluorobiphenyl	13.02	172	2237	0.38	ng	0.02
24) Fluoranthene-d10	19.15	212	3036	0.42	ng	0.00
28) Terphenyl-d14	19.76	244	1989	0.37	ng	0.02

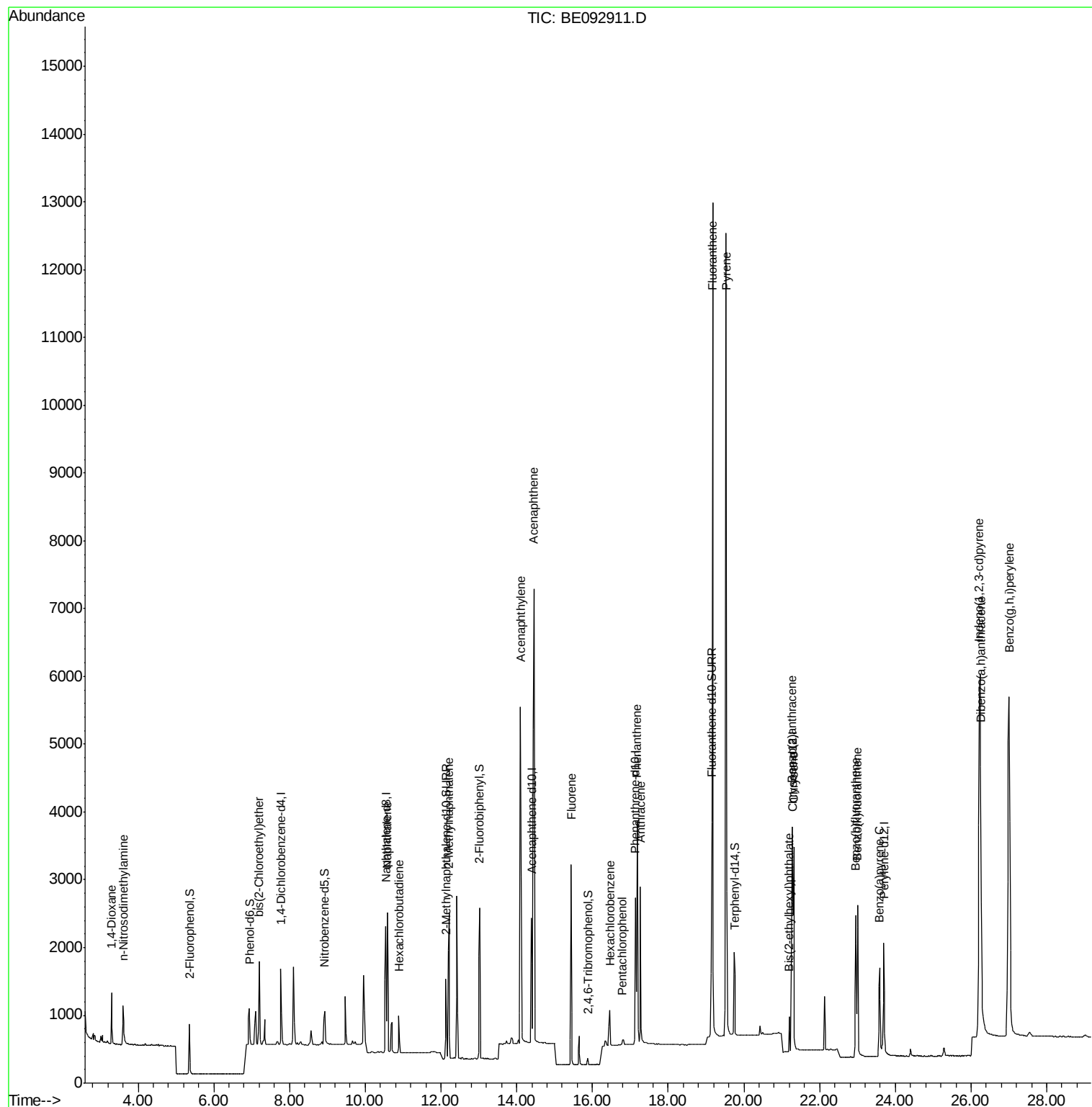
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.31	88	501	0.40	ng	95
3) n-Nitrosodimethylamine	3.61	42	405	0.43	ng	# 86
6) bis(2-Chloroethyl)ether	7.20	93	980	0.41	ng	99
9) Naphthalene	10.58	128	2850	0.38	ng	# 87
10) Hexachlorobutadiene	10.89	225	398	0.38	ng	95
12) 2-Methylnaphthalene	12.21	142	1732	0.37	ng	# 83
16) Acenaphthylene	14.10	152	7315	0.36	ng	99
17) Acenaphthene	14.46	154	1518	0.38	ng	95
18) Fluorene	15.44	166	1813	0.37	ng	99
20) Hexachlorobenzene	16.47	284	579	0.43	ng	# 100
21) Pentachlorophenol	16.79	266	93	0.44	ng	90
22) Phenanthrene	17.18	178	3741	0.42	ng	97
23) Anthracene	17.27	178	2893	0.43	ng	99
25) Fluoranthene	19.17	202	15184	0.40	ng	# 96
27) Pyrene	19.53	202	15268	0.38	ng	# 98
29) Benzo(a)anthracene	21.27	228	2601	0.36	ng	# 84
30) Chrysene	21.32	228	3543	0.38	ng	# 82
31) Bis(2-ethylhexyl)phthalate	21.20	149	704	0.38	ng	# 96
32) Indeno(1,2,3-cd)pyrene	26.22	276	12288	0.41	ng	99
34) Benzo(b)fluoranthene	22.95	252	2849	0.30	ng	# 84
35) Benzo(k)fluoranthene	23.01	252	3177	0.33	ng	# 83
36) Benzo(a)pyrene	23.59	252	2372	0.31	ng	# 77
37) Dibenzo(a,h)anthracene	26.25	278	2744	0.32	ng	# 79
38) Benzo(g,h,i)perylene	27.00	276	12037	0.33	ng	# 80

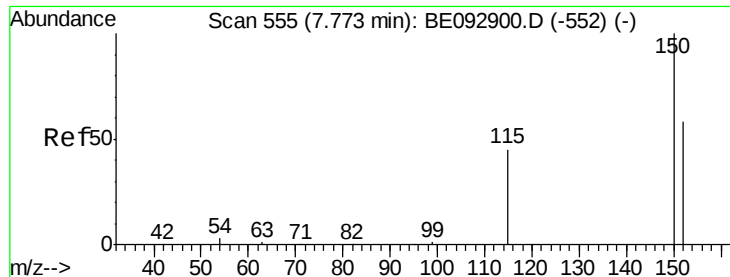
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.40 ng

RT: 7.77 min Scan# 555

Delta R.T. 0.00 min

Lab File: BE092911.D

Acq: 21 Apr 2017 17:03

Instrument :

BNA_E

ClientSampleId :

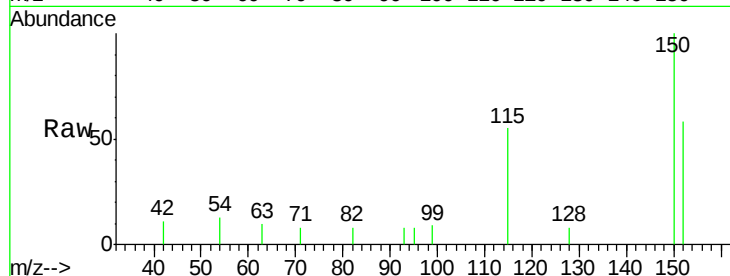
Tot Ion:152 Resp: 654

Ion Ratio Lower Upper

152 100

150 172.6 129.9 194.9

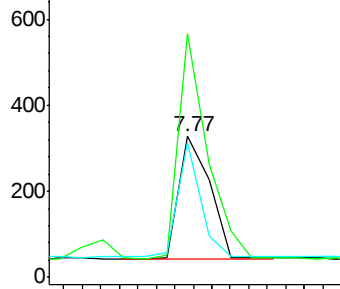
115 95.7 62.6 93.8#



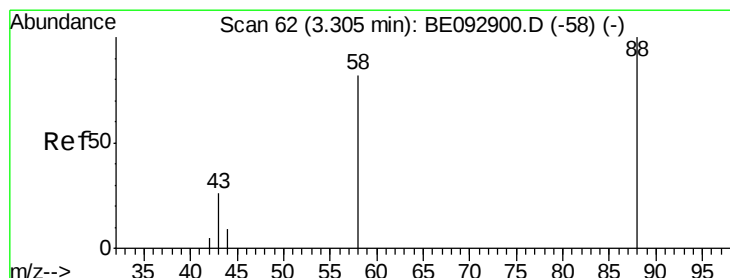
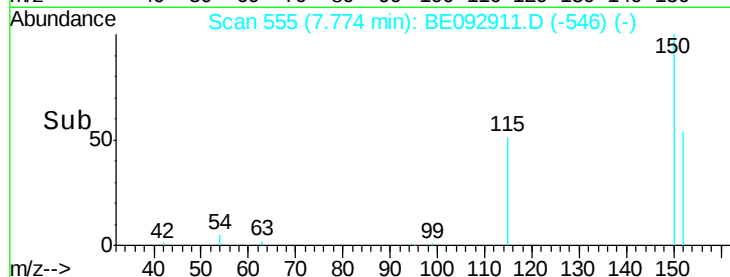
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



Time-->



#2

1,4-Dioxane

Concen: 0.40 ng

RT: 3.31 min Scan# 62

Delta R.T. 0.00 min

Lab File: BE092911.D

Acq: 21 Apr 2017 17:03

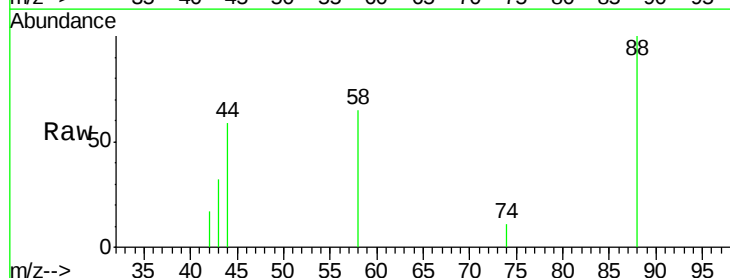
Tgt Ion: 88 Resp: 501

Ion Ratio Lower Upper

88 100

58 76.4 64.9 97.3

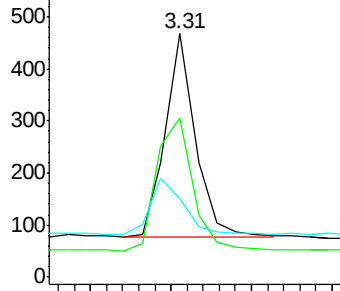
43 30.5 26.6 40.0



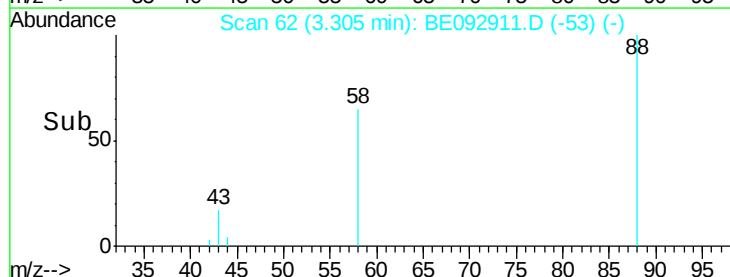
Abundance Ion 88.00 (87.70 to 88.70): BE0

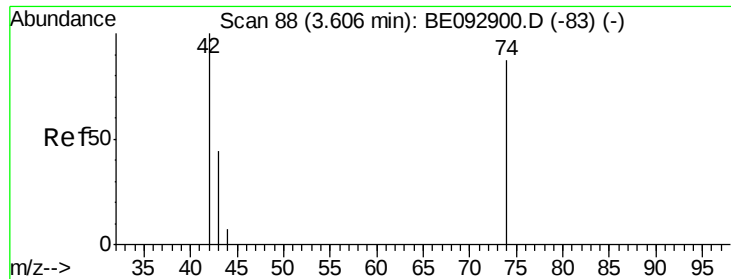
Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



Time-->





#3

n-Nitrosodimethylamine

Concen: 0.43 ng

RT: 3.61 min Scan# 88

Delta R.T. 0.00 min

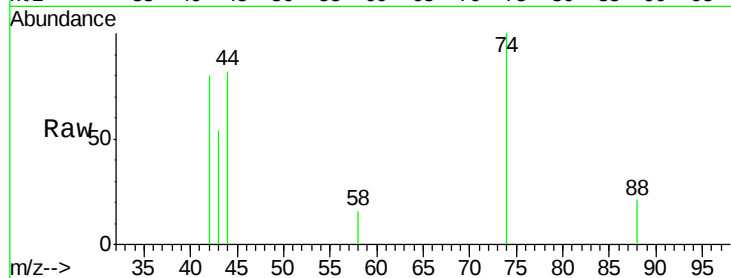
Lab File: BE092911.D

Acq: 21 Apr 2017 17:03

Instrument :

BNA_E

ClientSampleId :



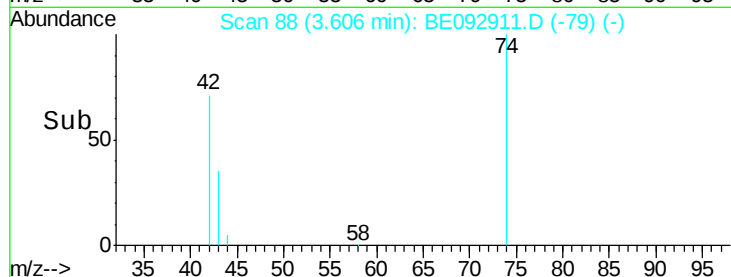
Tot Ion: 42 Resp: 405

Ion Ratio Lower Upper

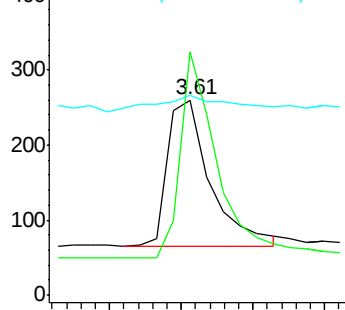
42 100

74 119.8 106.6 160.0

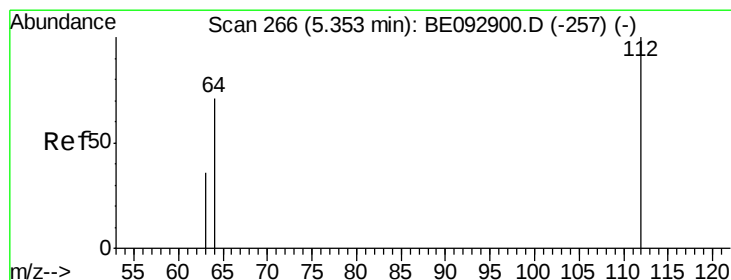
44 19.8 25.7 38.5#



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



Time-->



#4

2-Fluorophenol

Concen: 0.38 ng

RT: 5.35 min Scan# 266

Delta R.T. 0.00 min

Lab File: BE092911.D

Acq: 21 Apr 2017 17:03

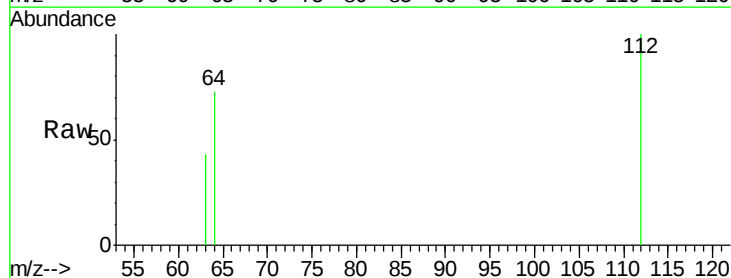
Tgt Ion: 112 Resp: 544

Ion Ratio Lower Upper

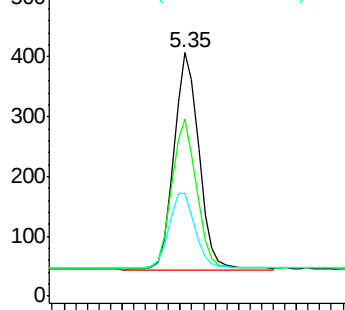
112 100

64 67.8 52.6 79.0

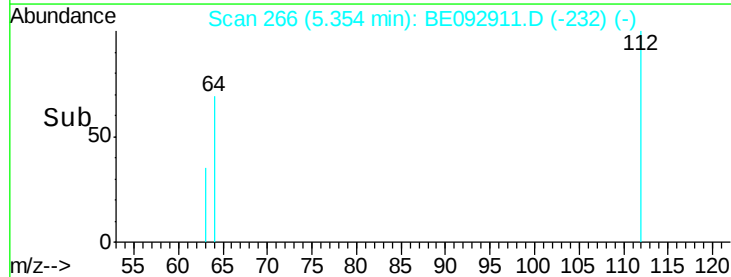
63 35.8 29.0 43.4

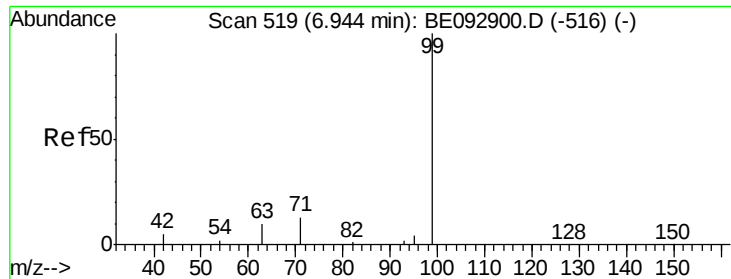


Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BE0
Ion 63.00 (62.70 to 63.70): BE0



Time-->





#5

Phenol-d6

Concen: 0.39 ng

RT: 6.94 min Scan# 519

Delta R.T. 0.00 min

Lab File: BE092911.D

Acq: 21 Apr 2017 17:03

Instrument :

BNA_E

ClientSampled :

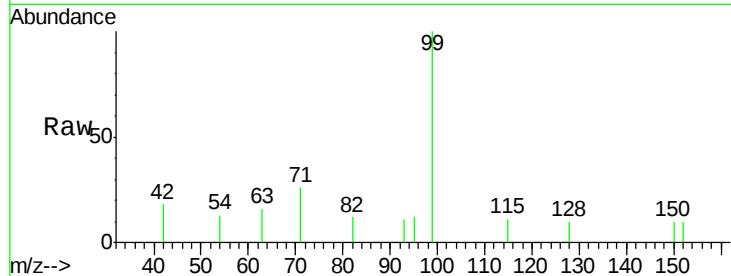
Tot Ion: 99 Resp: 778

Ion Ratio Lower Upper

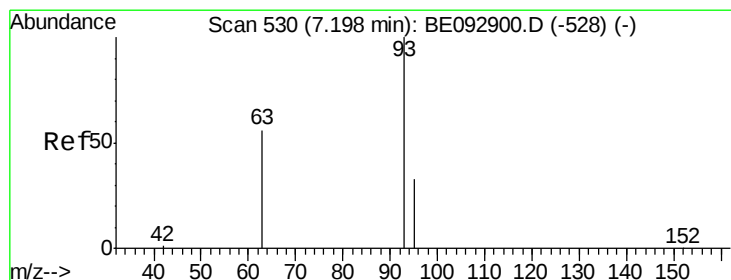
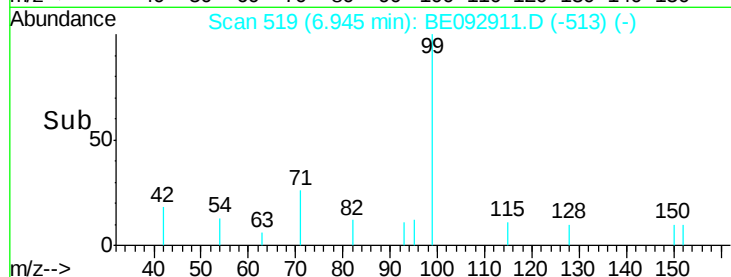
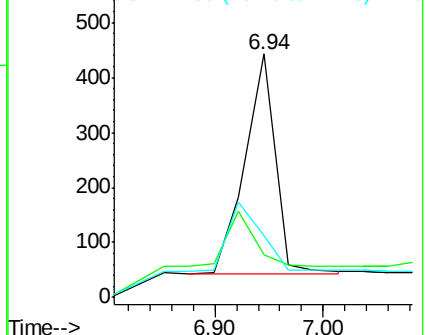
99 100

42 0.0 0.0 0.0

71 0.0 0.0 0.0



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: 0.41 ng

RT: 7.20 min Scan# 530

Delta R.T. 0.00 min

Lab File: BE092911.D

Acq: 21 Apr 2017 17:03

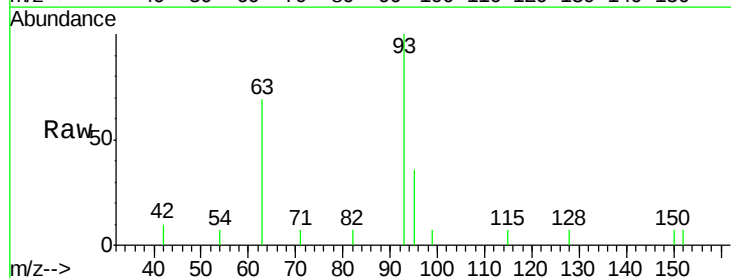
Tgt Ion: 93 Resp: 980

Ion Ratio Lower Upper

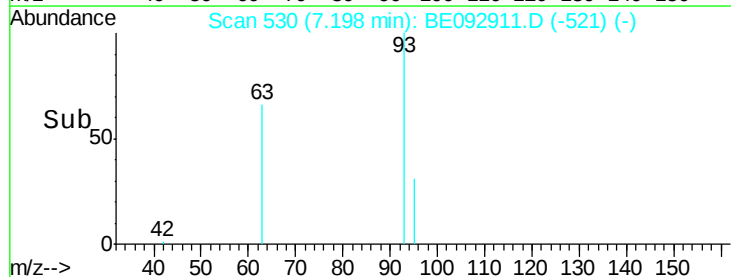
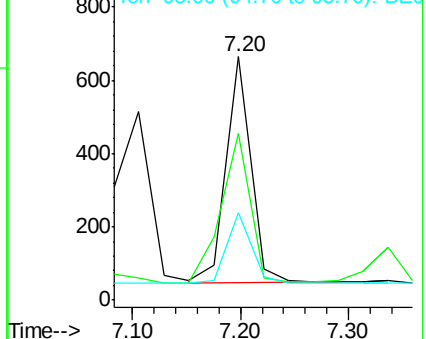
93 100

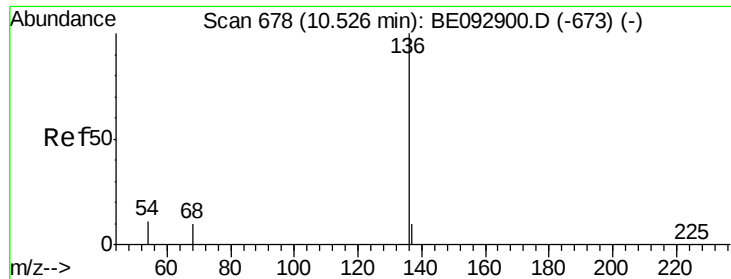
63 77.4 61.2 91.8

95 31.4 25.5 38.3



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: 0.40 ng

RT: 10.54 min Scan# 679

Delta R.T. 0.02 min

Lab File: BE092911.D

Acq: 21 Apr 2017 17:03

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 2820

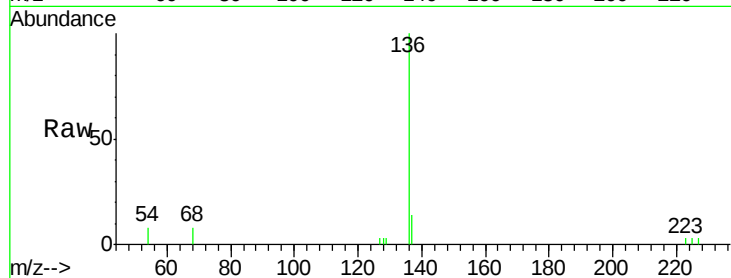
Ion Ratio Lower Upper

136 100

137 13.8 10.4 15.6

54 7.6 12.6 18.8#

68 7.5 10.7 16.1#

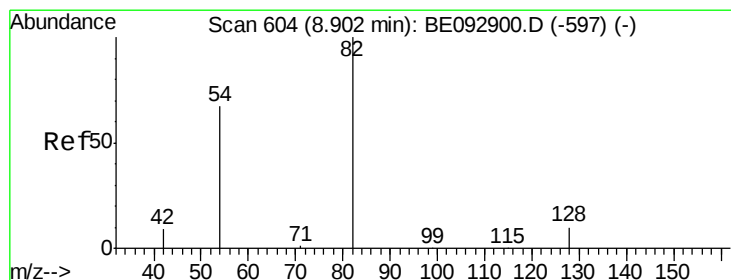
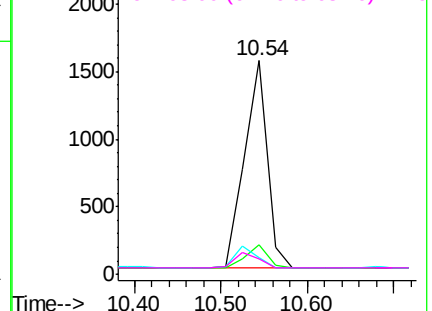
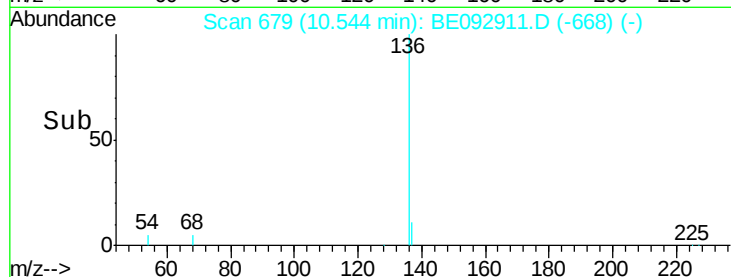


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.39 ng

RT: 8.93 min Scan# 605

Delta R.T. 0.02 min

Lab File: BE092911.D

Acq: 21 Apr 2017 17:03

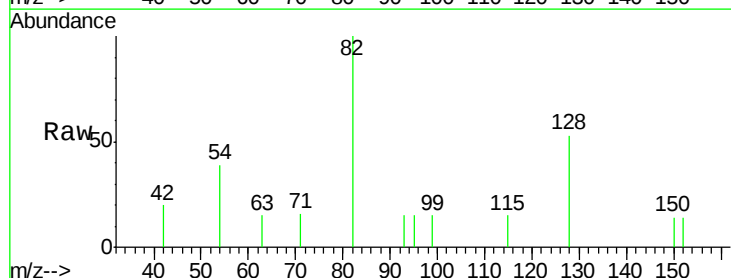
Tgt Ion: 82 Resp: 727

Ion Ratio Lower Upper

82 100

128 52.8 35.3 52.9

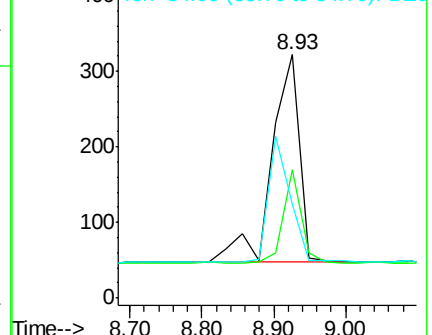
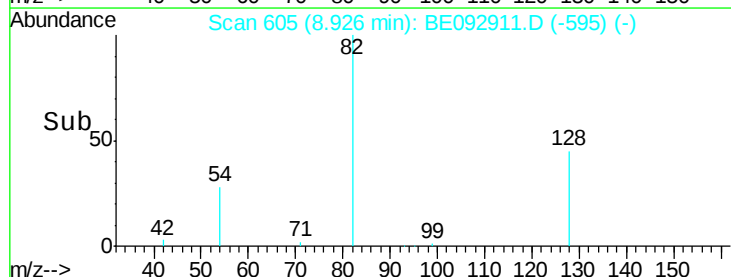
54 38.5 65.1 97.7#

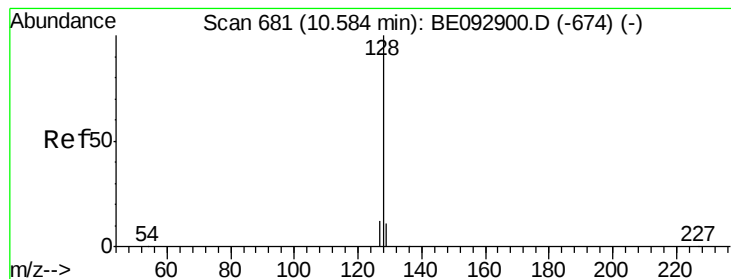


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.38 ng

RT: 10.58 min Scan# 681

Delta R.T. -0.00 min

Lab File: BE092911.D

Acq: 21 Apr 2017 17:03

Instrument :

BNA_E

ClientSampleId :

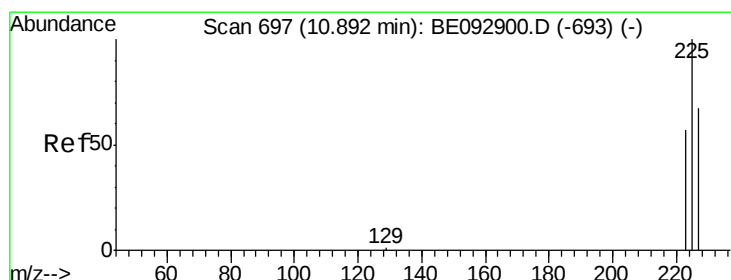
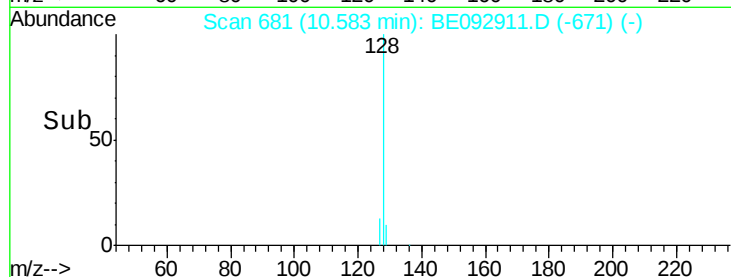
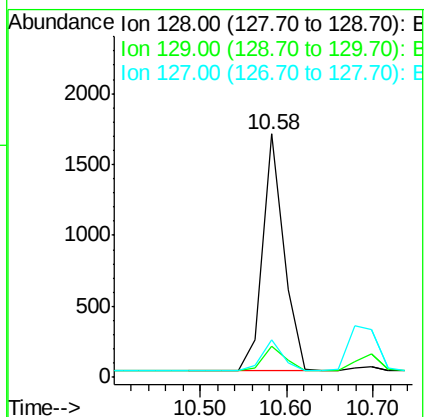
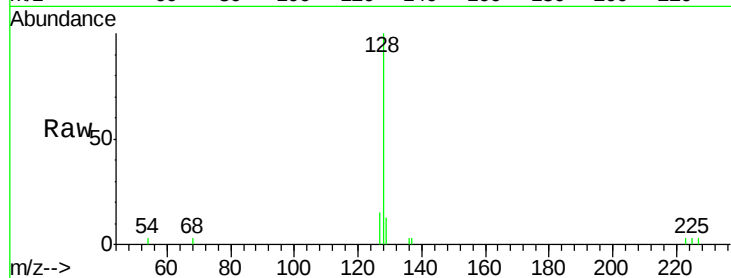
Tot Ion:128 Resp: 2850

Ion Ratio Lower Upper

128 100

129 12.8 15.8 23.8#

127 15.4 16.0 24.0#



#10

Hexachlorobutadiene

Concen: 0.38 ng

RT: 10.89 min Scan# 697

Delta R.T. -0.00 min

Lab File: BE092911.D

Acq: 21 Apr 2017 17:03

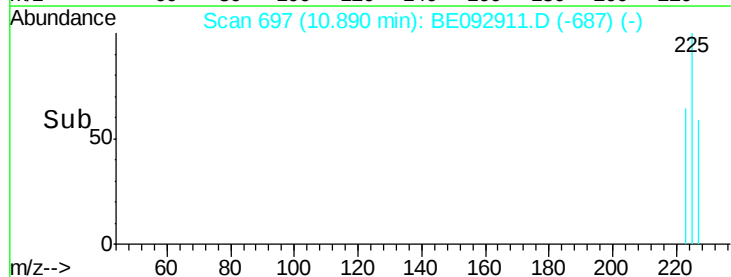
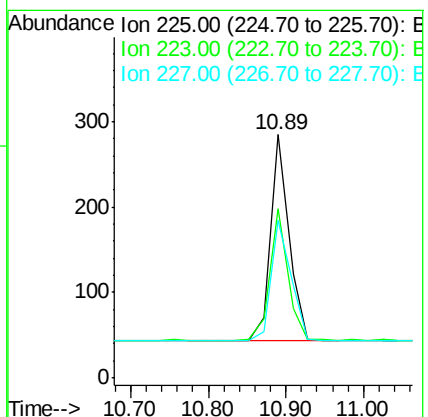
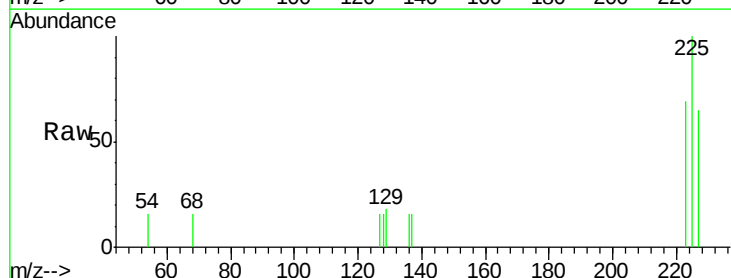
Tgt Ion:225 Resp: 398

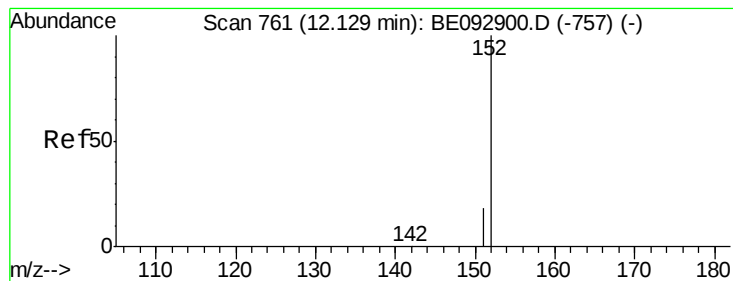
Ion Ratio Lower Upper

225 100

223 63.6 55.4 83.2

227 62.6 52.2 78.4

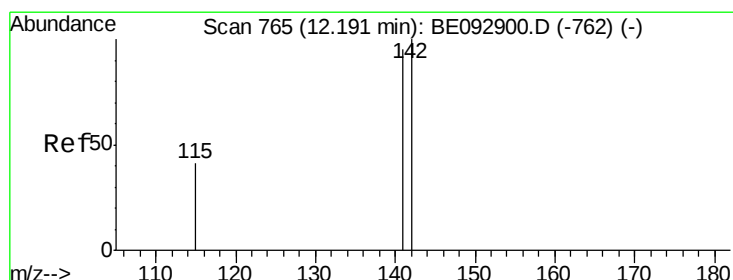
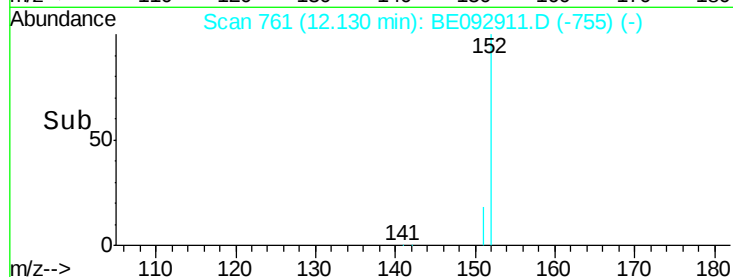
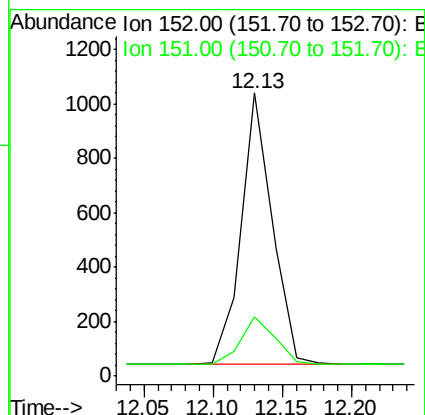
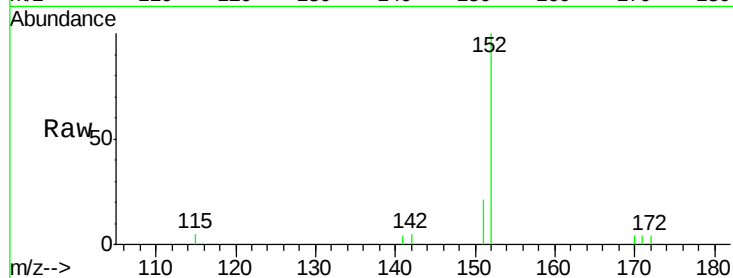




#11
2-Methylnaphthalene-d10
Concen: 0.38 ng
RT: 12.13 min Scan# 761
Delta R.T. 0.00 min
Lab File: BE092911.D
Acq: 21 Apr 2017 17:03

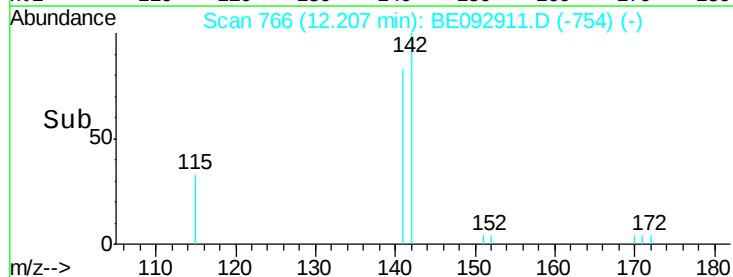
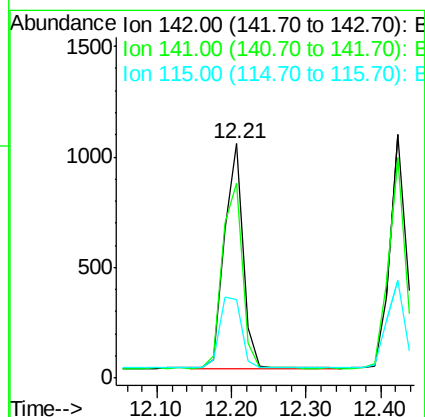
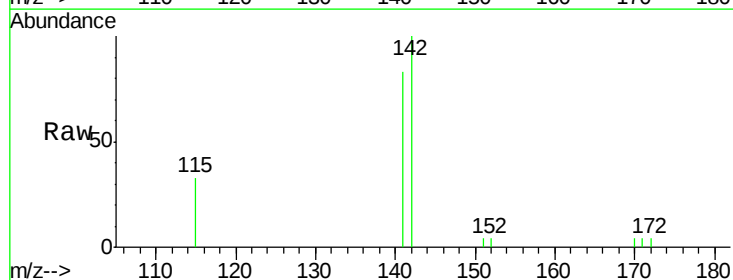
Instrument :
BNA_E
ClientSampleId :

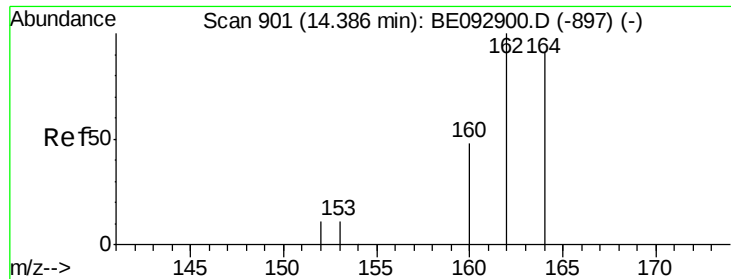
Tot Ion:152 Resp: 1565
Ion Ratio Lower Upper
152 100
151 19.7 15.7 23.5



#12
2-Methylnaphthalene
Concen: 0.37 ng
RT: 12.21 min Scan# 766
Delta R.T. 0.02 min
Lab File: BE092911.D
Acq: 21 Apr 2017 17:03

Tgt Ion:142 Resp: 1732
Ion Ratio Lower Upper
142 100
141 82.9 76.0 114.0
115 33.5 41.6 62.4#





#13

Acenaphthene-d10

Concen: 0.40 ng

RT: 14.39 min Scan# 901

Delta R.T. 0.00 min

Lab File: BE092911.D

Acq: 21 Apr 2017 17:03

Instrument :

BNA_E

ClientSampleId :

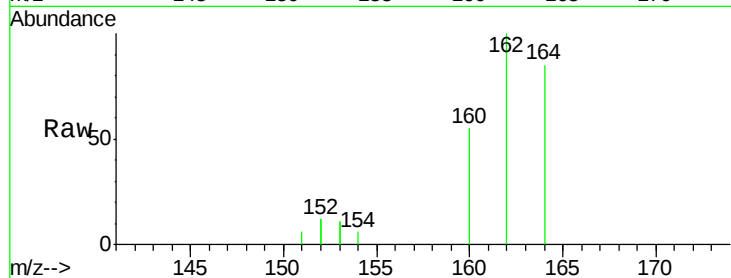
Tot Ion:164 Resp: 1275

Ion Ratio Lower Upper

164 100

162 117.4 86.6 130.0

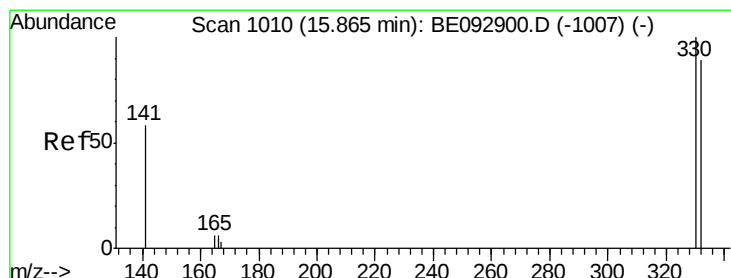
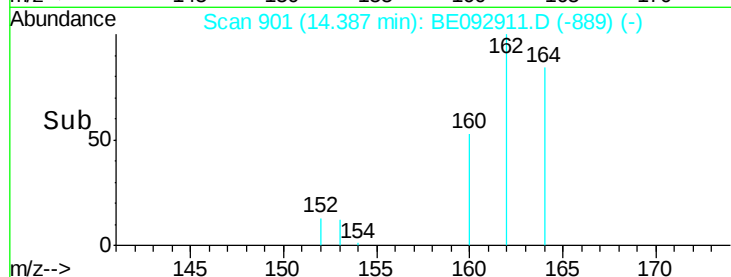
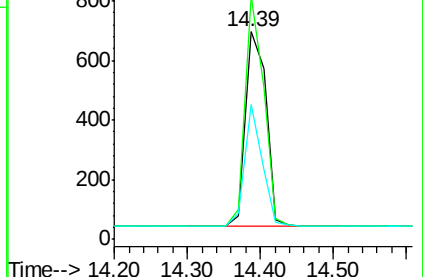
160 64.8 44.5 66.7



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



#14

2,4,6-Tribromophenol

Concen: 0.36 ng

RT: 15.88 min Scan# 1011

Delta R.T. 0.01 min

Lab File: BE092911.D

Acq: 21 Apr 2017 17:03

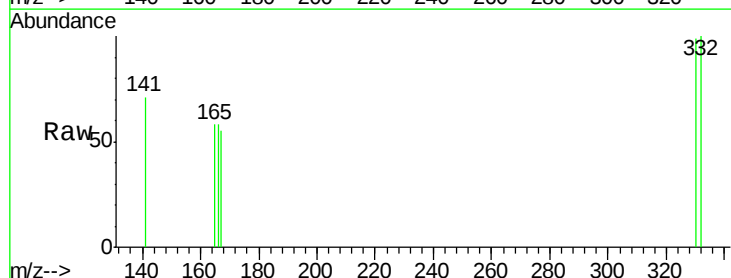
Tgt Ion:330 Resp: 75

Ion Ratio Lower Upper

330 100

332 89.3 69.1 103.7

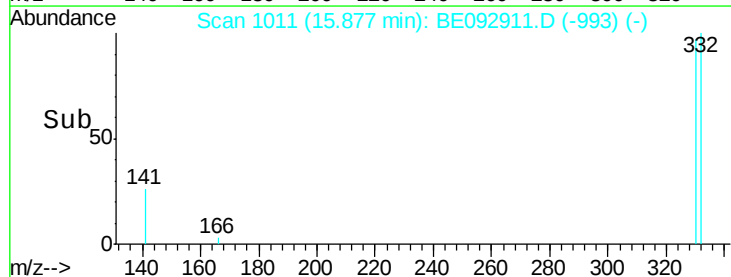
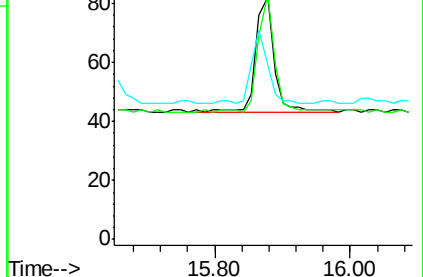
141 54.7 54.6 81.8

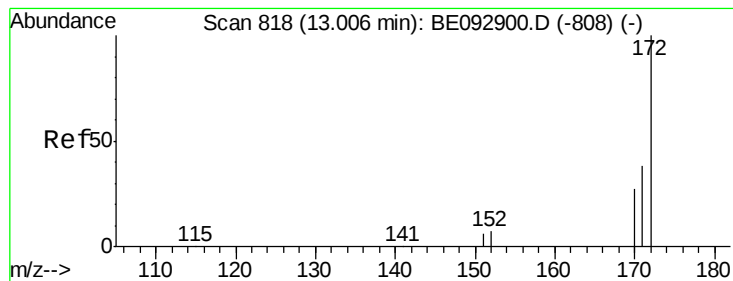


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.38 ng

RT: 13.02 min Scan# 819

Delta R.T. 0.02 min

Lab File: BE092911.D

Acq: 21 Apr 2017 17:03

Instrument :

BNA_E

ClientSampleId :

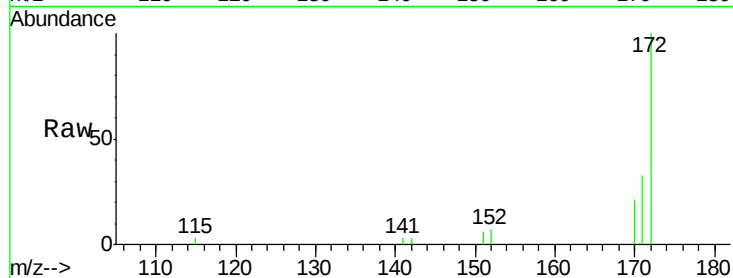
Tot Ion:172 Resp: 2237

Ion Ratio Lower Upper

172 100

171 32.9 35.8 53.6#

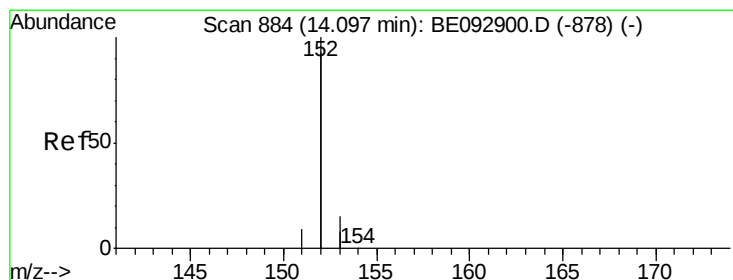
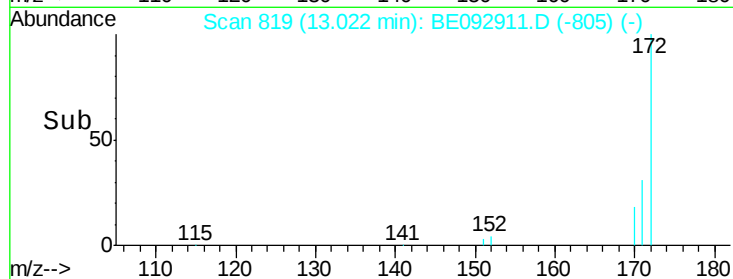
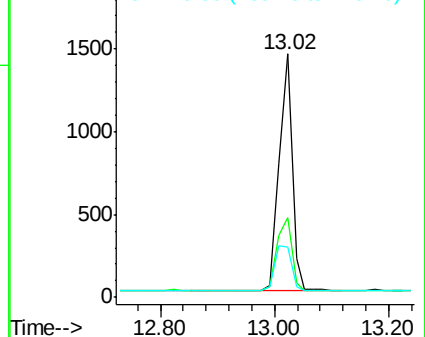
170 20.8 28.5 42.7#



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



#16

Acenaphthylene

Concen: 0.36 ng

RT: 14.10 min Scan# 884

Delta R.T. 0.00 min

Lab File: BE092911.D

Acq: 21 Apr 2017 17:03

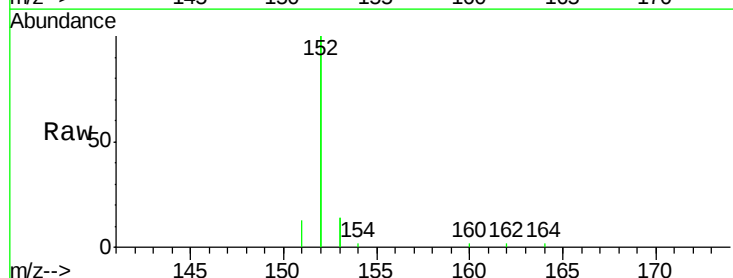
Tgt Ion:152 Resp: 7315

Ion Ratio Lower Upper

152 100

151 5.1 3.8 5.8

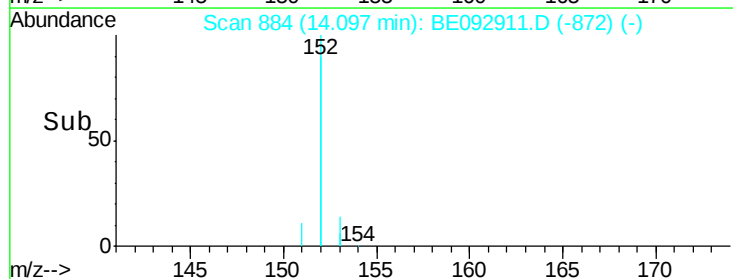
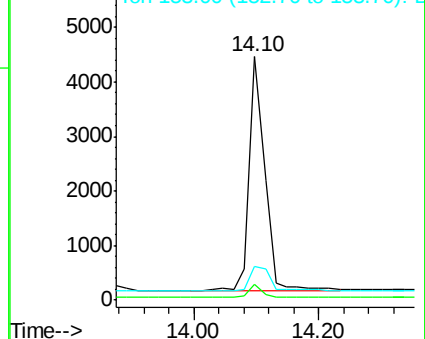
153 12.8 10.0 15.0

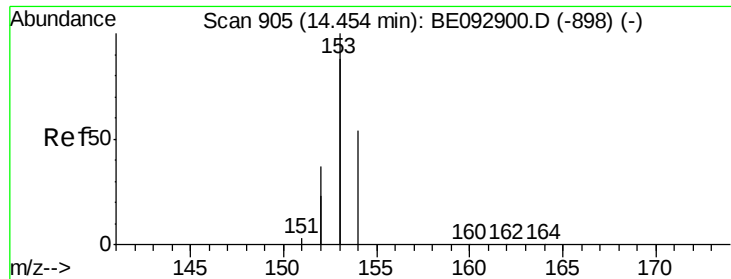


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

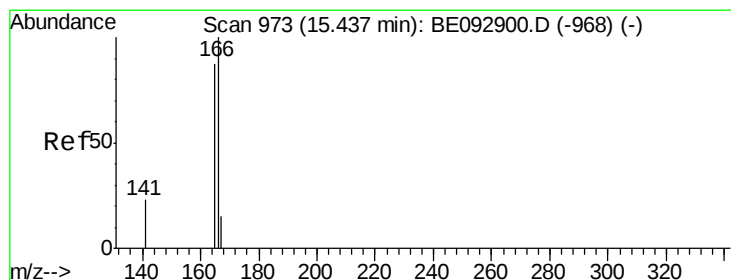
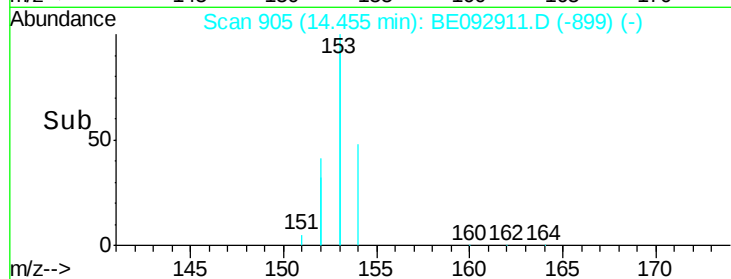
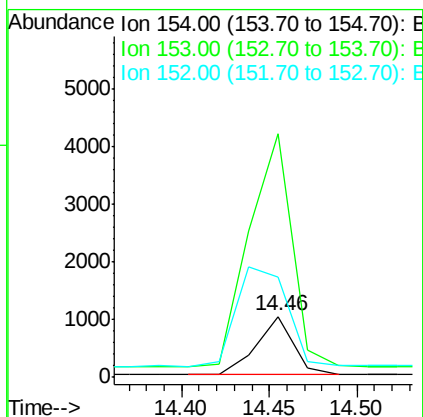
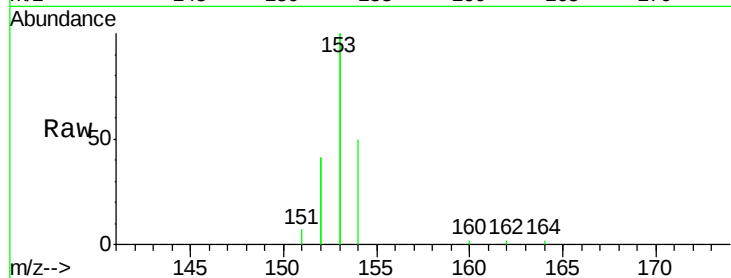




#17
Acenaphthene
Concen: 0.38 ng
RT: 14.46 min Scan# 905
Delta R.T. 0.00 min
Lab File: BE092911.D
Acq: 21 Apr 2017 17:03

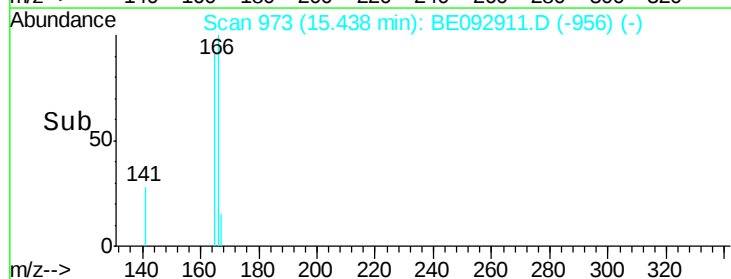
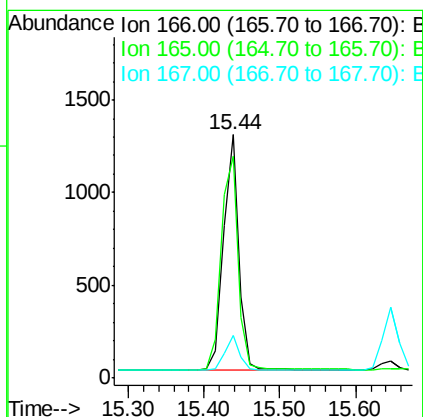
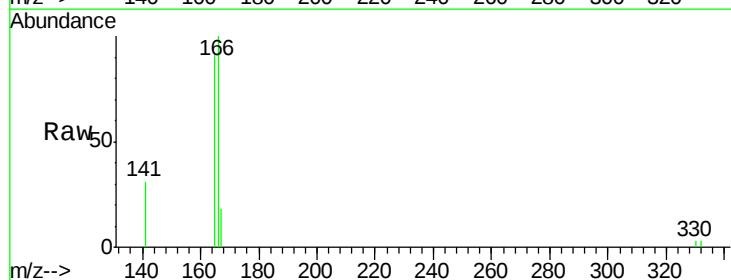
Instrument :
BNA_E
ClientSampled :

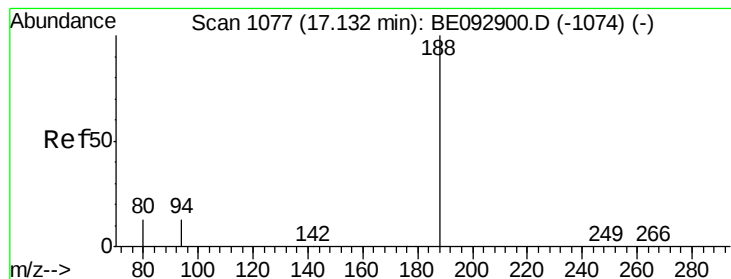
Tot Ion:154 Resp: 1518
Ion Ratio Lower Upper
154 100
153 455.7 355.6 533.4
152 231.8 177.8 266.8



#18
Fluorene
Concen: 0.37 ng
RT: 15.44 min Scan# 973
Delta R.T. 0.00 min
Lab File: BE092911.D
Acq: 21 Apr 2017 17:03

Tgt Ion:166 Resp: 1813
Ion Ratio Lower Upper
166 100
165 99.6 80.7 121.1
167 14.5 11.3 16.9





#19

Phenanthrene-d10

Concen: 0.40 ng

RT: 17.13 min Scan# 1077

Delta R.T. 0.00 min

Lab File: BE092911.D

Acq: 21 Apr 2017 17:03

Instrument :

BNA_E

ClientSampleId :

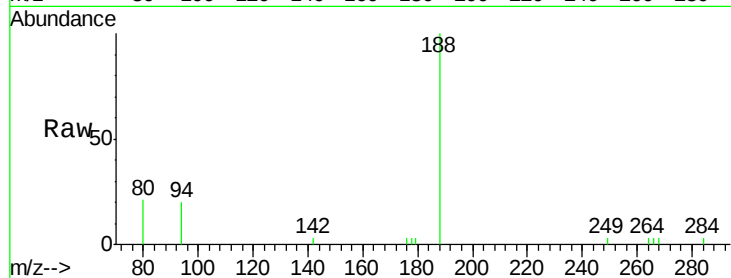
Tot Ion:188 Resp: 3053

Ion Ratio Lower Upper

188 100

94 20.0 10.2 15.4#

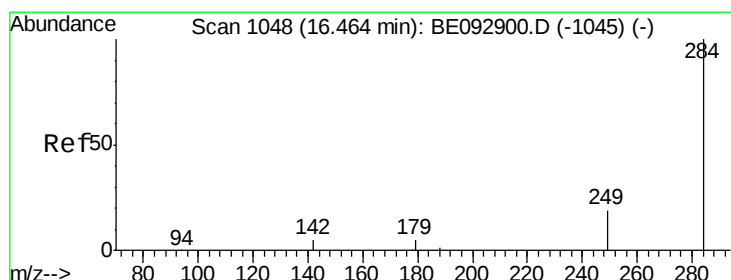
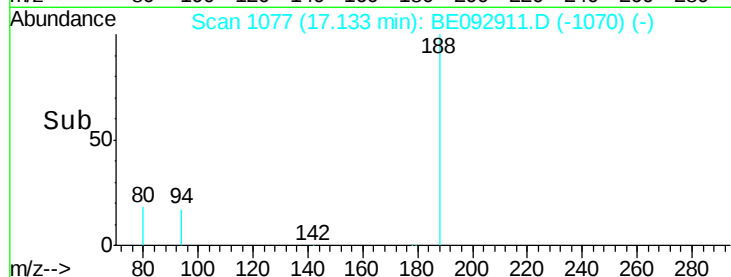
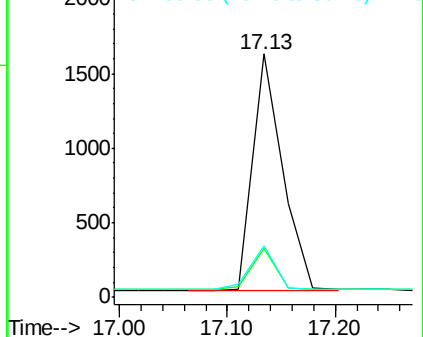
80 21.2 10.6 15.8#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



#20

Hexachlorobenzene

Concen: 0.43 ng

RT: 16.47 min Scan# 1048

Delta R.T. 0.00 min

Lab File: BE092911.D

Acq: 21 Apr 2017 17:03

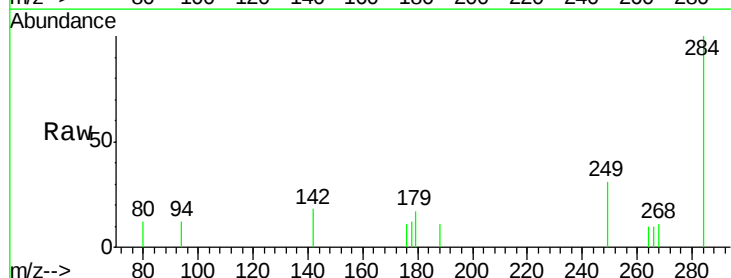
Tgt Ion:284 Resp: 579

Ion Ratio Lower Upper

284 100

142 0.0 0.0 0.0

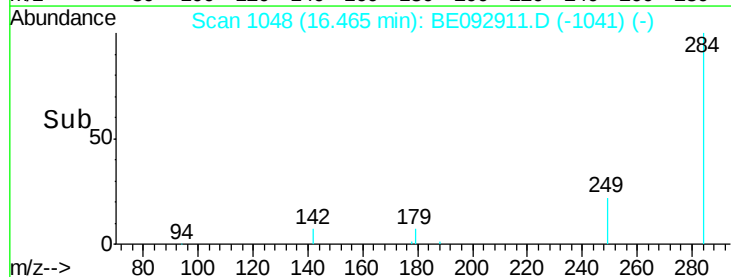
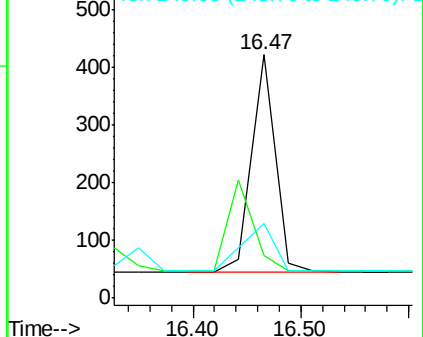
249 30.1 0.0 0.0#

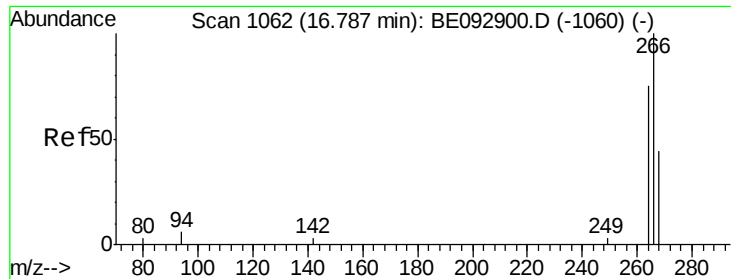


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

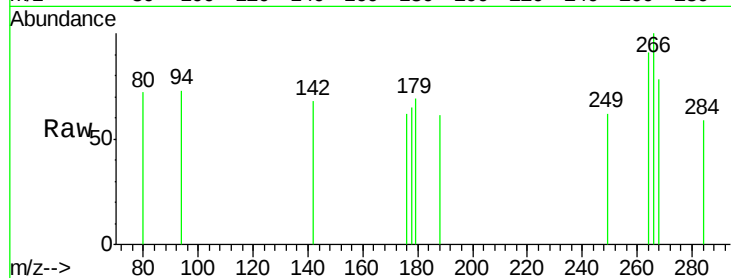




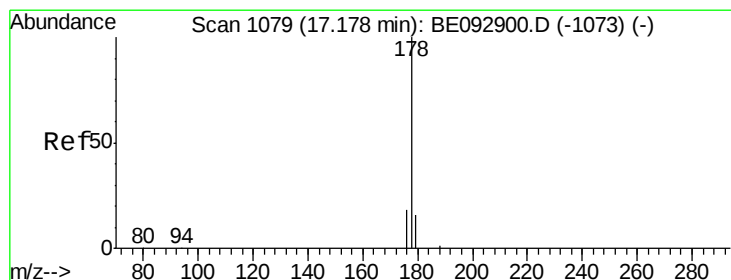
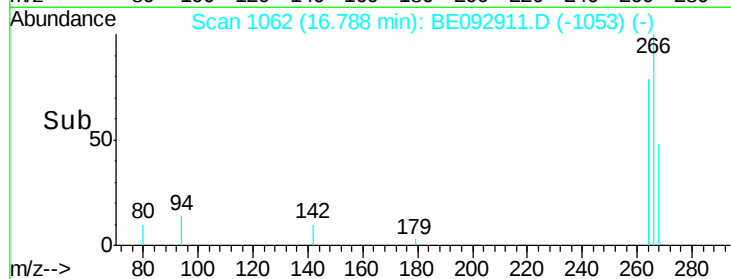
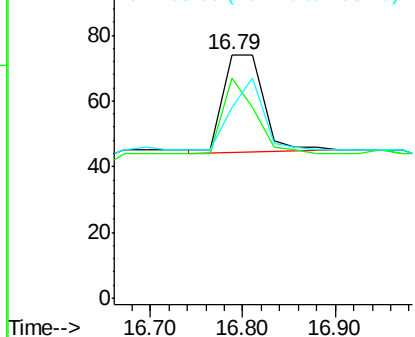
#21
 Pentachlorophenol
 Concen: 0.44 ng
 RT: 16.79 min Scan# 1062
 Delta R.T. 0.00 min
 Lab File: BE092911.D
 Acq: 21 Apr 2017 17:03

Instrument :
 BNA_E
 ClientSampled :

Tot Ion:266 Resp: 93
 Ion Ratio Lower Upper
 266 100
 264 90.5 75.4 113.2
 268 78.4 75.4 113.2

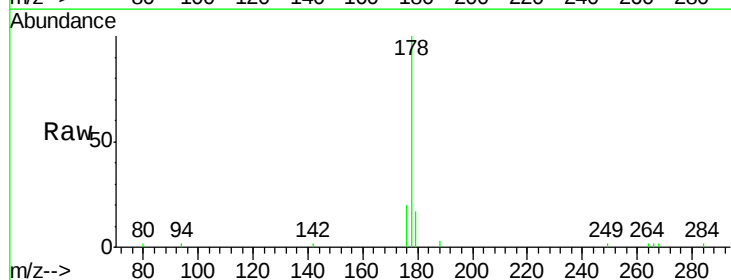


Abundance Ion 266.00 (265.70 to 266.70): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

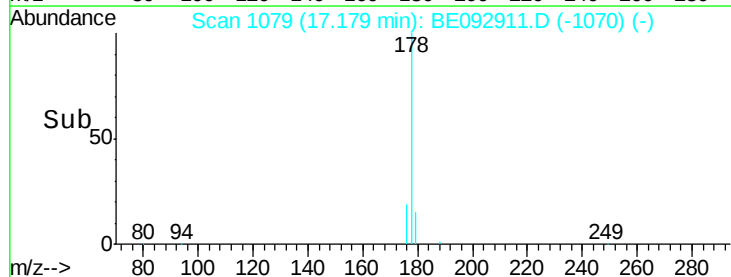
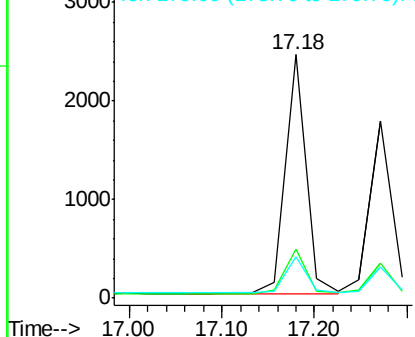


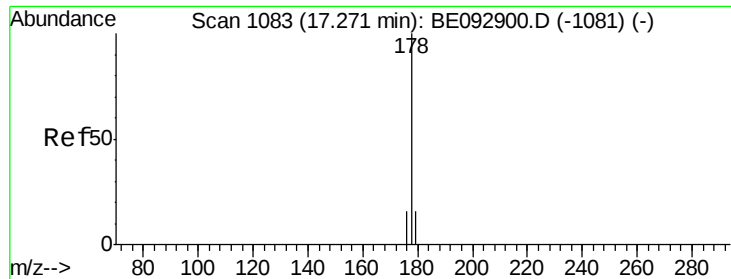
#22
 Phenanthrene
 Concen: 0.42 ng
 RT: 17.18 min Scan# 1079
 Delta R.T. 0.00 min
 Lab File: BE092911.D
 Acq: 21 Apr 2017 17:03

Tgt Ion:178 Resp: 3741
 Ion Ratio Lower Upper
 178 100
 176 19.3 14.2 21.4
 179 15.6 13.6 20.4



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

Anthracene

Concen: 0.43 ng

RT: 17.27 min Scan# 1083

Delta R.T. 0.00 min

Lab File: BE092911.D

Acq: 21 Apr 2017 17:03

Instrument :

BNA_E

ClientSampleId :

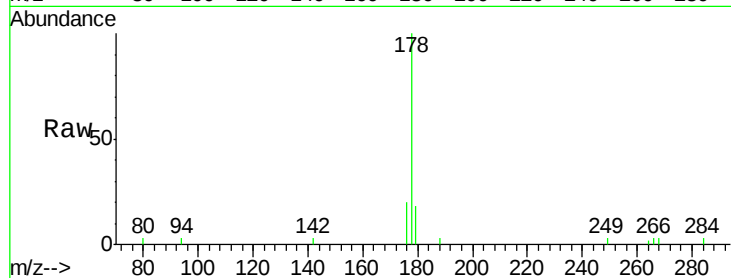
Tot Ion:178 Resp: 2893

Ion Ratio Lower Upper

178 100

176 18.1 14.7 22.1

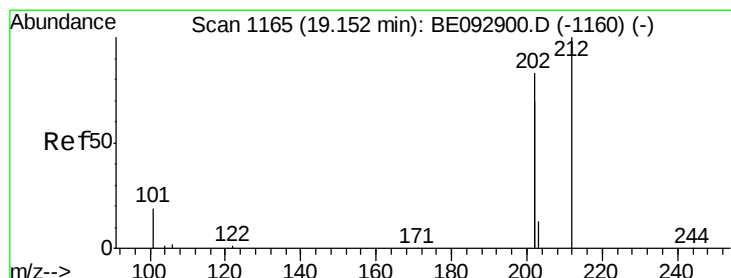
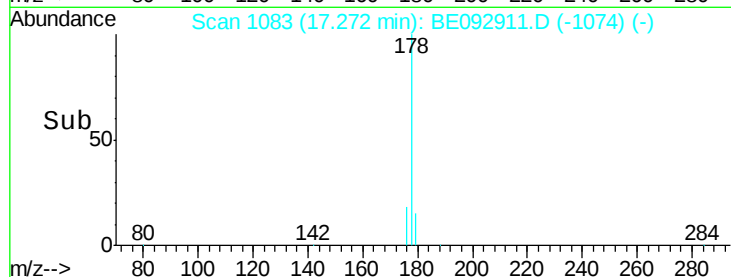
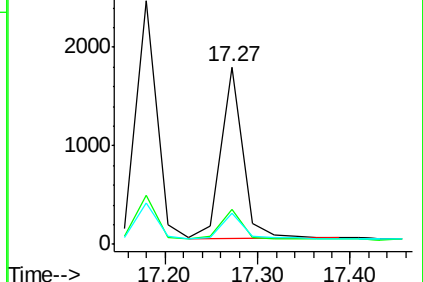
179 15.6 12.8 19.2



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



#24

Fluoranthene-d10

Concen: 0.42 ng

RT: 19.15 min Scan# 1164

Delta R.T. -0.00 min

Lab File: BE092911.D

Acq: 21 Apr 2017 17:03

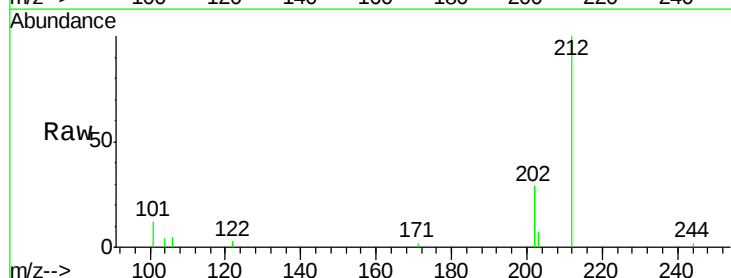
Tgt Ion:212 Resp: 3036

Ion Ratio Lower Upper

212 100

106 0.0 0.0 0.0

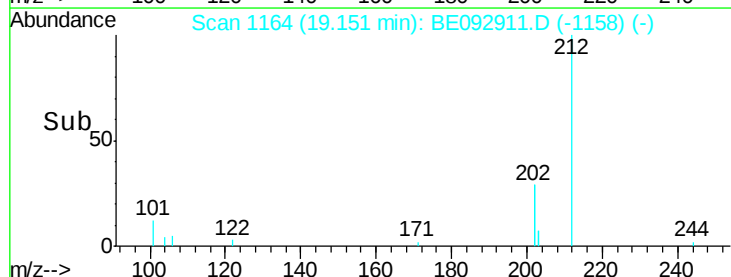
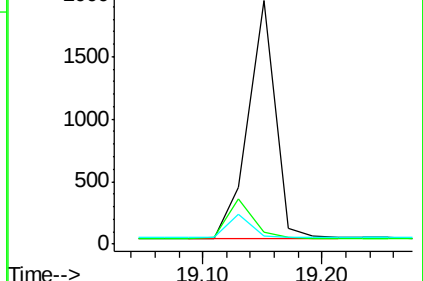
104 0.0 0.0 0.0

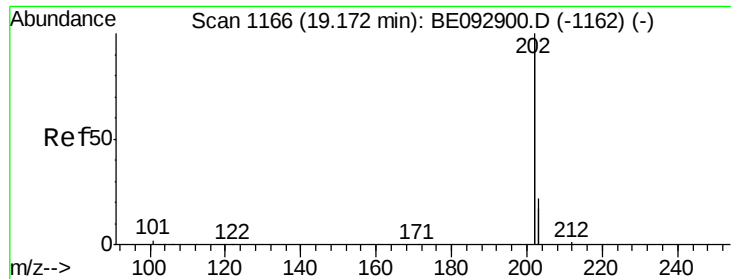


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E





#25

Fluoranthene

Concen: 0.40 ng

RT: 19.17 min Scan# 1165

Delta R.T. -0.00 min

Lab File: BE092911.D

Acq: 21 Apr 2017 17:03

Instrument :

BNA_E

ClientSampled :

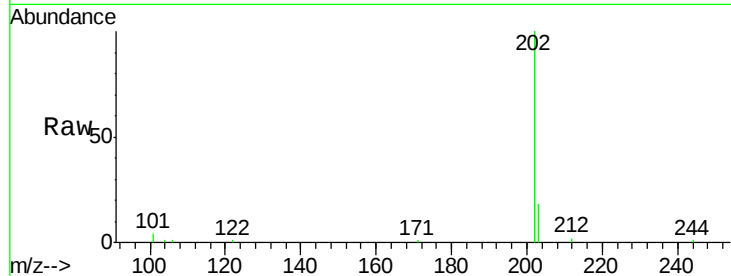
Tot Ion:202 Resp: 15184

Ion Ratio Lower Upper

202 100

101 0.0 0.0 0.0

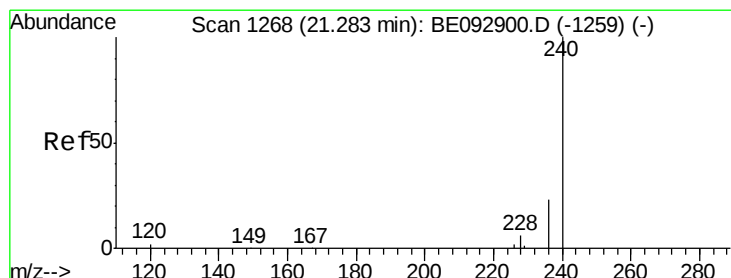
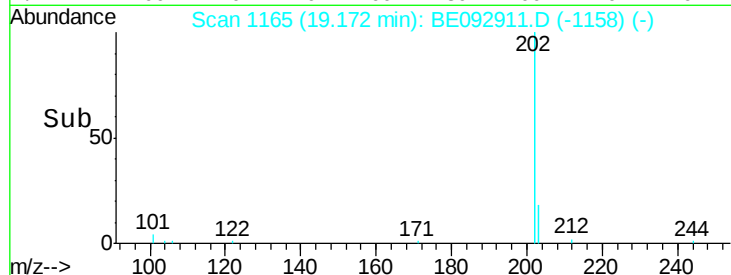
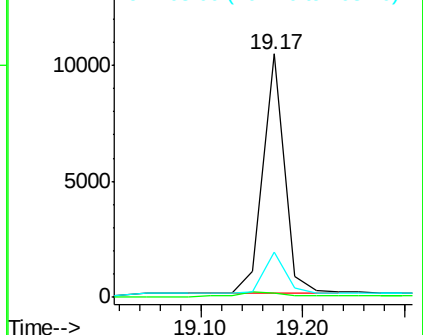
203 17.3 15.3 22.9



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



#26

Chrysene-d12

Concen: 0.40 ng

RT: 21.28 min Scan# 1267

Delta R.T. 0.00 min

Lab File: BE092911.D

Acq: 21 Apr 2017 17:03

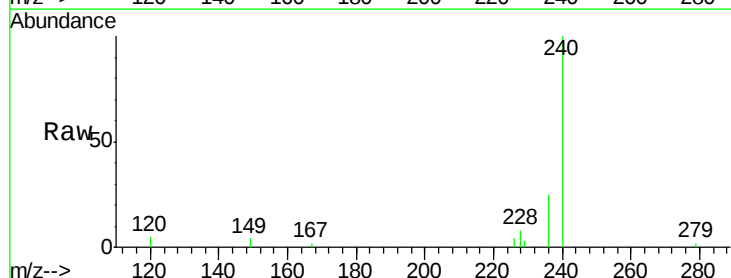
Tgt Ion:240 Resp: 3101

Ion Ratio Lower Upper

240 100

120 4.8 4.6 6.8

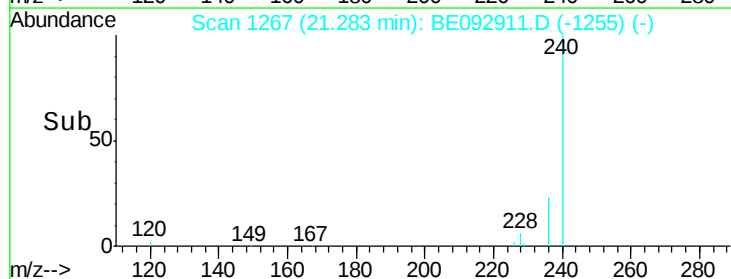
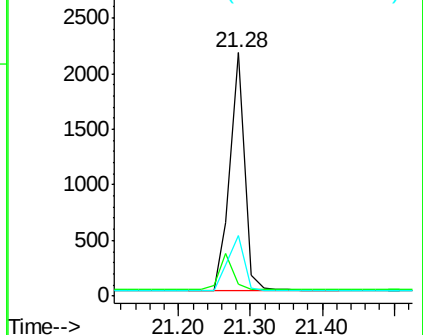
236 24.9 19.8 29.8

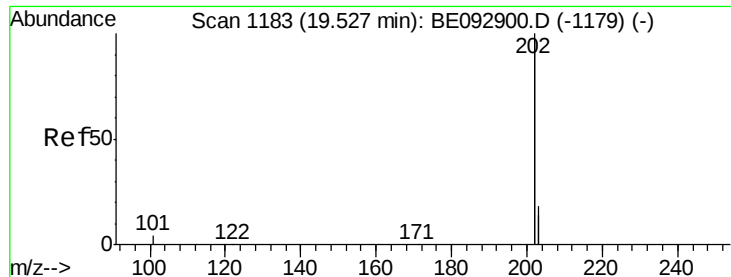


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

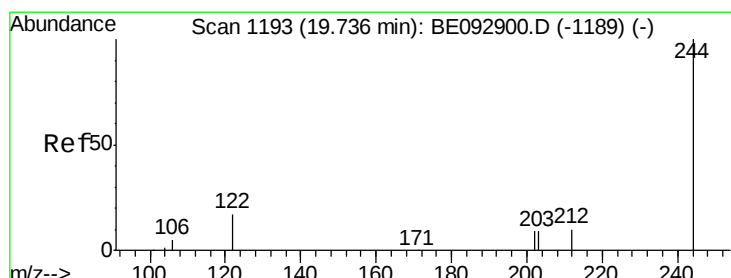
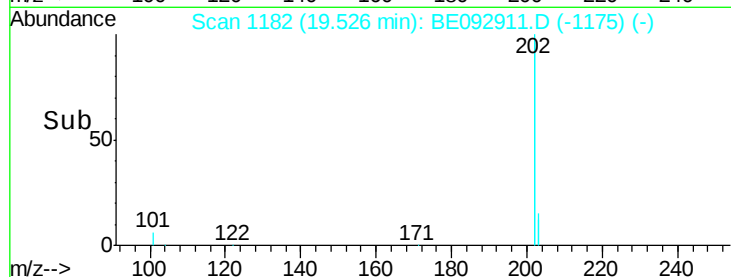
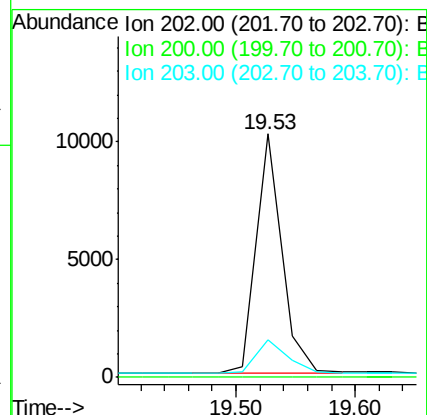
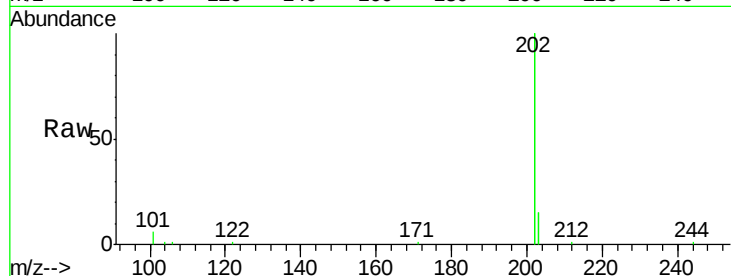




#27
Pvrene
Concen: 0.38 ng
RT: 19.53 min Scan# 1182
Delta R.T. -0.00 min
Lab File: BE092911.D
Acq: 21 Apr 2017 17:03

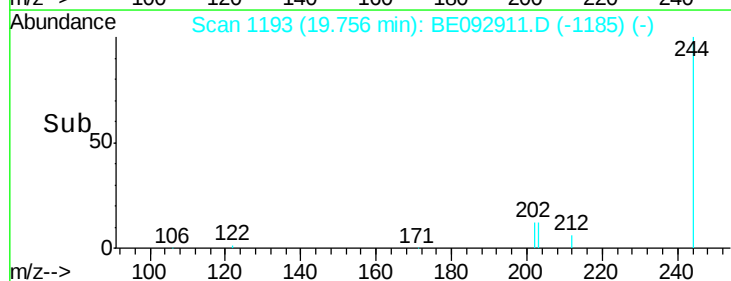
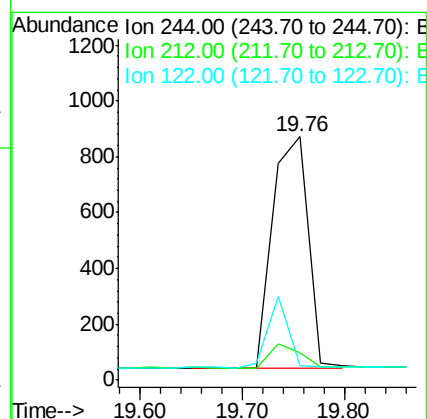
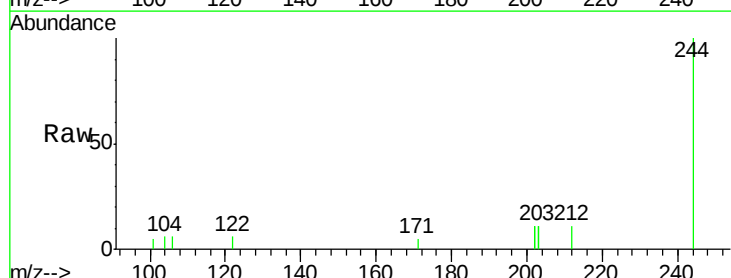
Instrument :
BNA_E
ClientSampleId :

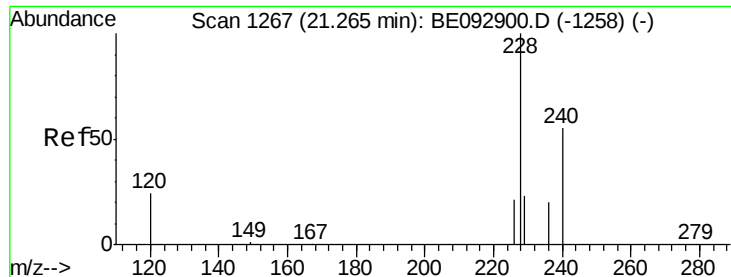
Tot Ion	Ratio	Lower	Upper
202	100		
200	0.0	0.0	0.0
203	16.2	13.5	20.3



#28
Terphenyl-d14
Concen: 0.37 ng
RT: 19.76 min Scan# 1193
Delta R.T. 0.02 min
Lab File: BE092911.D
Acq: 21 Apr 2017 17:03

Tgt Ion	Ratio	Lower	Upper
244	100		
212	11.1	18.4	27.6#
122	5.8	23.3	34.9#





#29

Benzo(a)anthracene

Concen: 0.36 ng

RT: 21.27 min Scan# 1266

Delta R.T. 0.00 min

Lab File: BE092911.D

Acq: 21 Apr 2017 17:03

Instrument :

BNA_E

ClientSampleId :

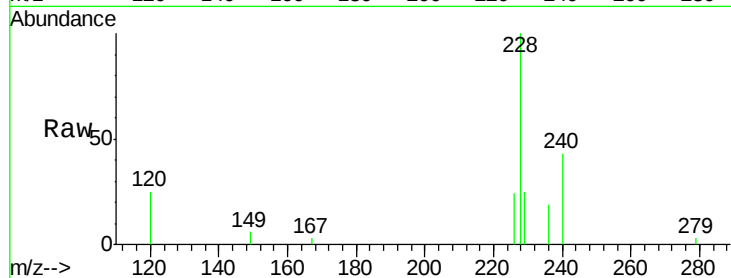
Tot Ion:228 Resp: 2601

Ion Ratio Lower Upper

228 100

226 24.4 32.0 48.0#

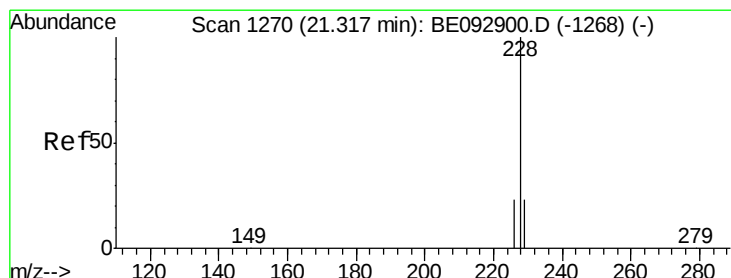
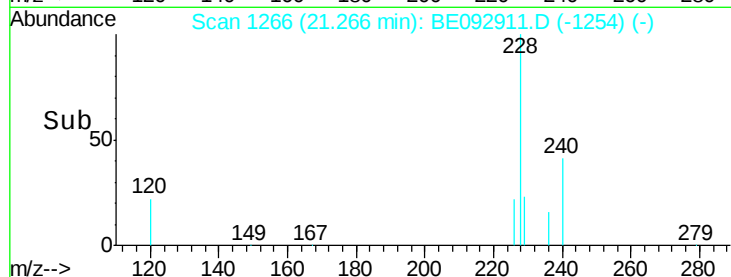
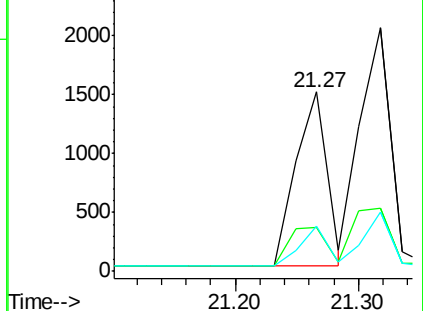
229 25.4 21.4 32.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#30

Chrysene

Concen: 0.38 ng

RT: 21.32 min Scan# 1269

Delta R.T. 0.00 min

Lab File: BE092911.D

Acq: 21 Apr 2017 17:03

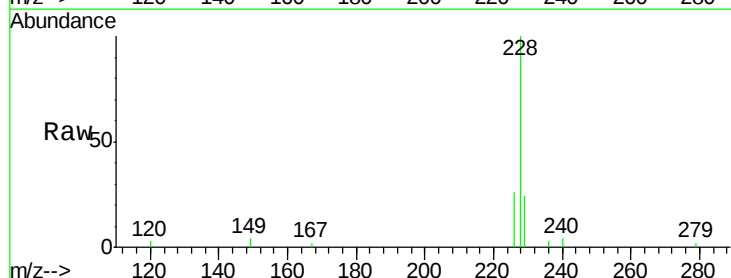
Tgt Ion:228 Resp: 3543

Ion Ratio Lower Upper

228 100

226 26.1 34.2 51.2#

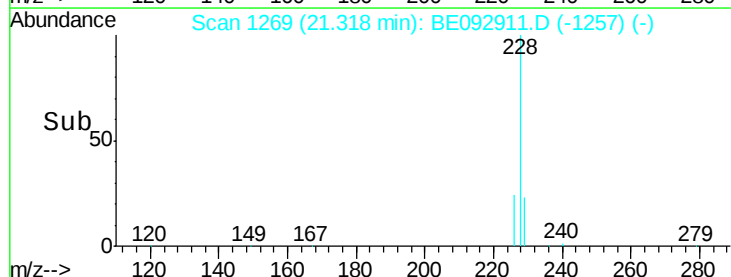
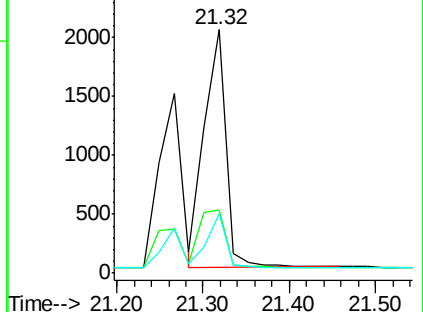
229 24.2 18.6 28.0

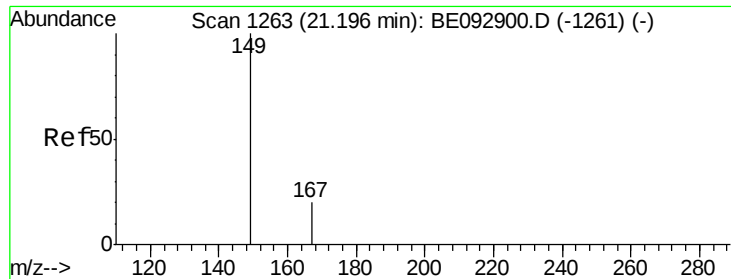


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

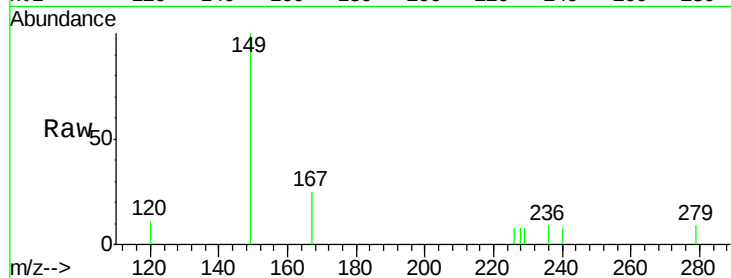




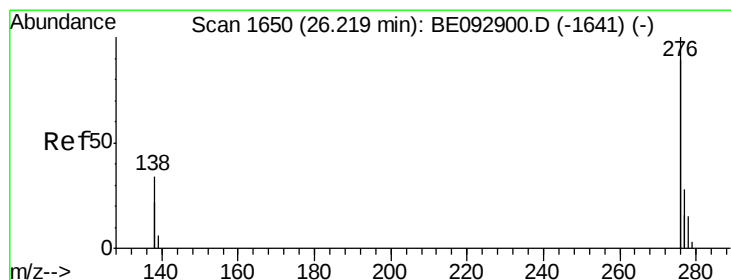
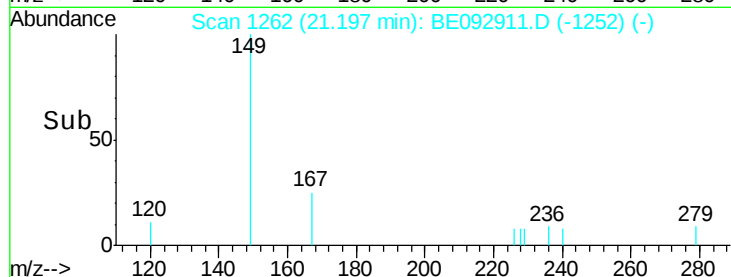
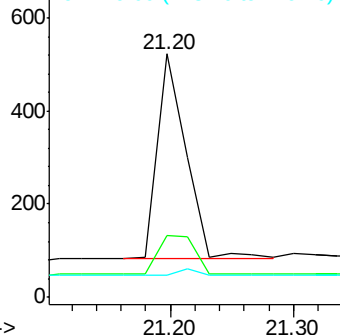
#31
 Bis(2-ethylhexyl)phthalate
 Concen: 0.38 ng
 RT: 21.20 min Scan# 1262
 Delta R.T. 0.00 min
 Lab File: BE092911.D
 Acq: 21 Apr 2017 17:03

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:149 Resp: 704
 Ion Ratio Lower Upper
 149 100
 167 24.3 20.9 31.3
 279 0.0 0.0 0.0

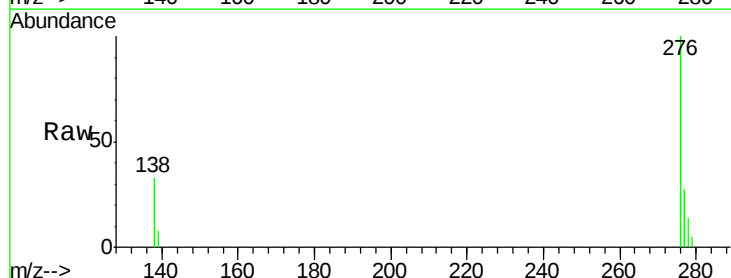


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

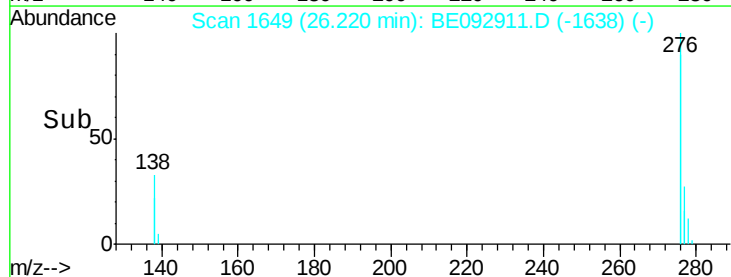
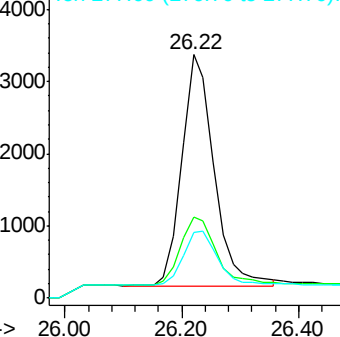


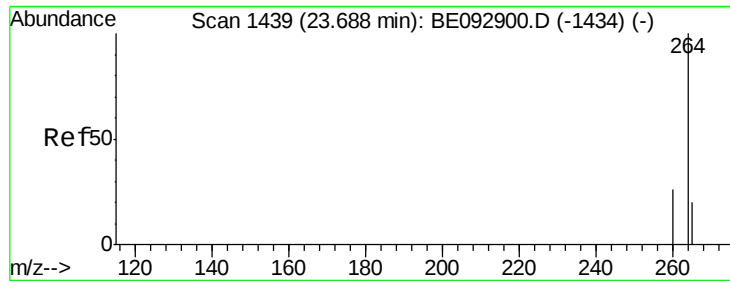
#32
 Indeno(1,2,3-cd)pyrene
 Concen: 0.41 ng
 RT: 26.22 min Scan# 1649
 Delta R.T. 0.00 min
 Lab File: BE092911.D
 Acq: 21 Apr 2017 17:03

Tgt Ion:276 Resp: 12288
 Ion Ratio Lower Upper
 276 100
 138 32.8 25.8 38.6
 277 24.8 20.2 30.4



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

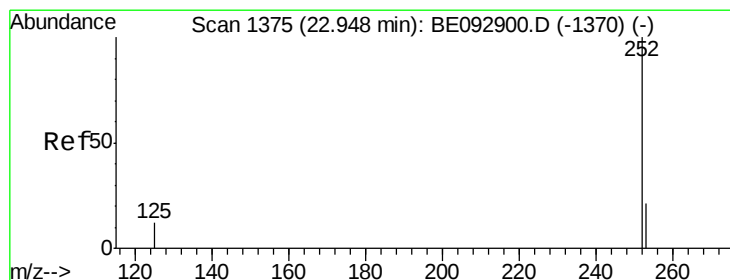
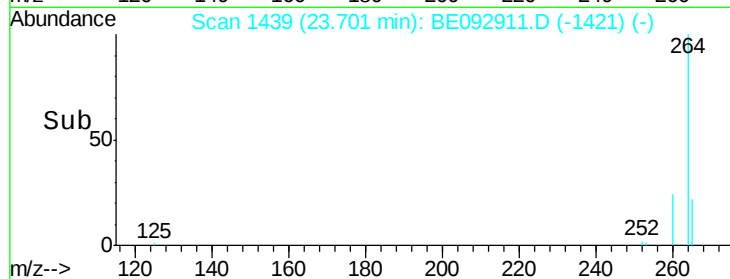
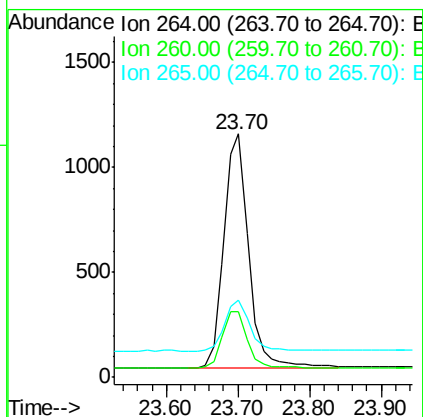
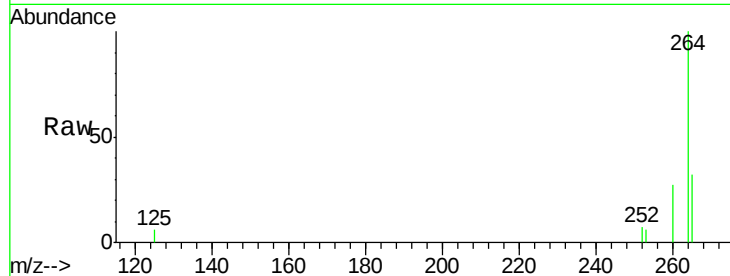




#33
Pervlene-d12
Concen: 0.40 ng
RT: 23.70 min Scan# 1439
Delta R.T. 0.01 min
Lab File: BE092911.D
Acq: 21 Apr 2017 17:03

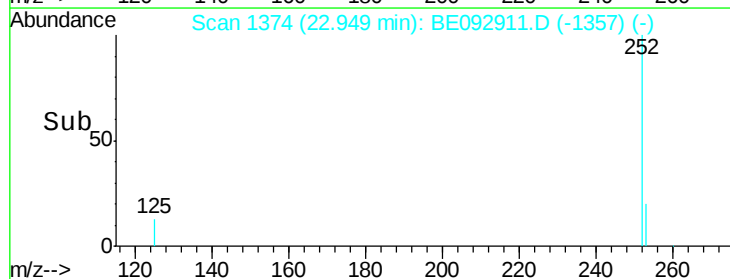
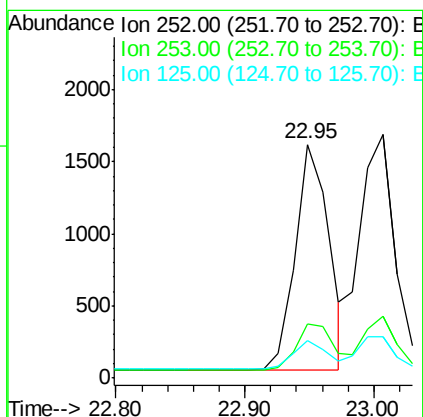
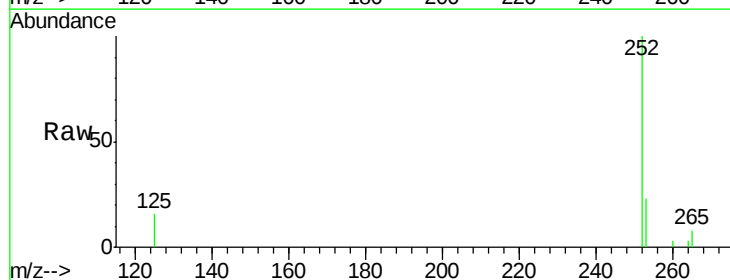
Instrument :
BNA_E
ClientSampleId :

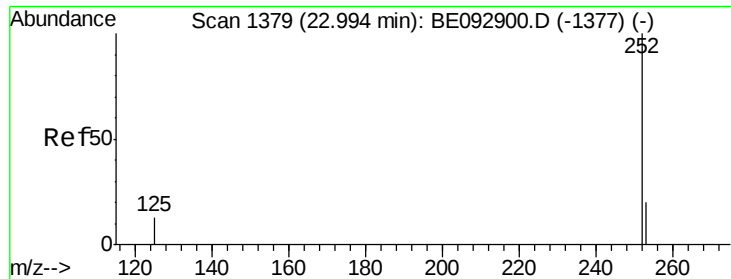
Tot Ion:264 Resp: 2680
Ion Ratio Lower Upper
264 100
260 27.0 23.5 35.3
265 31.6 27.2 40.8



#34
Benzo(b)fluoranthene
Concen: 0.30 ng
RT: 22.95 min Scan# 1374
Delta R.T. 0.00 min
Lab File: BE092911.D
Acq: 21 Apr 2017 17:03

Tgt Ion:252 Resp: 2849
Ion Ratio Lower Upper
252 100
253 23.3 24.7 37.1#
125 16.2 20.3 30.5#

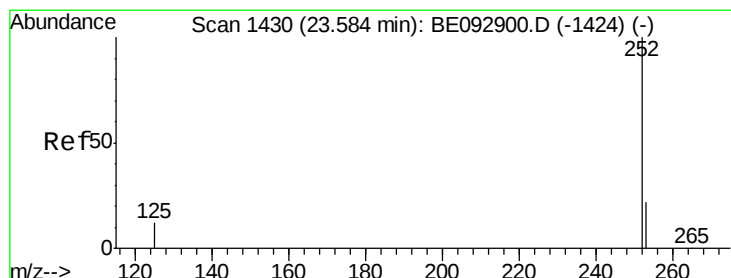
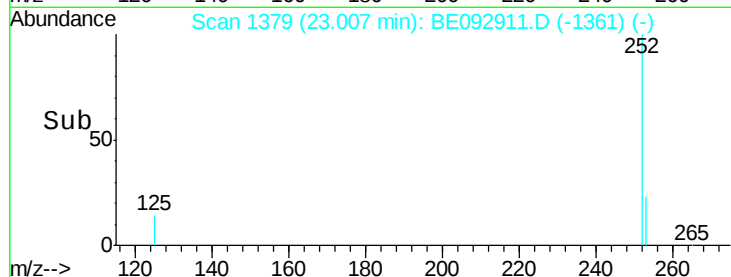
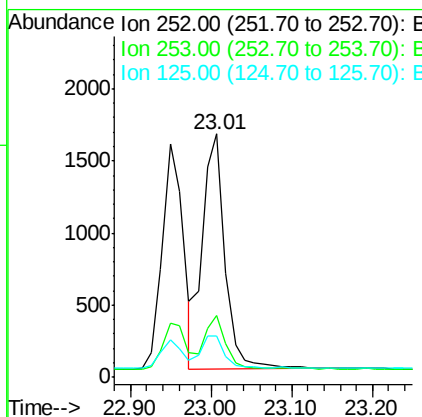
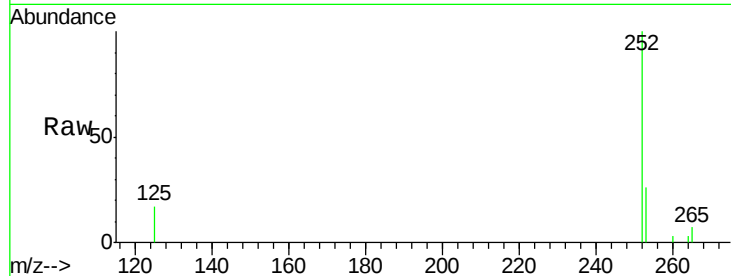




#35
Benzo(k)fluoranthene
Concen: 0.33 ng
RT: 23.01 min Scan# 1379
Delta R.T. 0.01 min
Lab File: BE092911.D
Acq: 21 Apr 2017 17:03

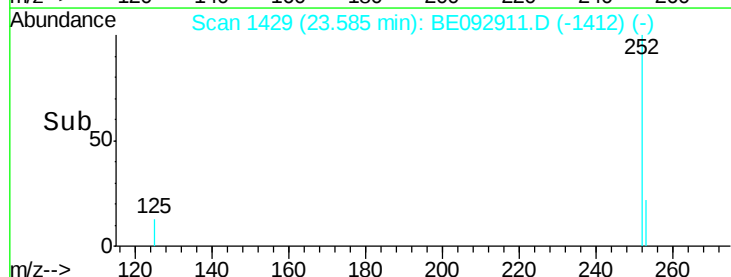
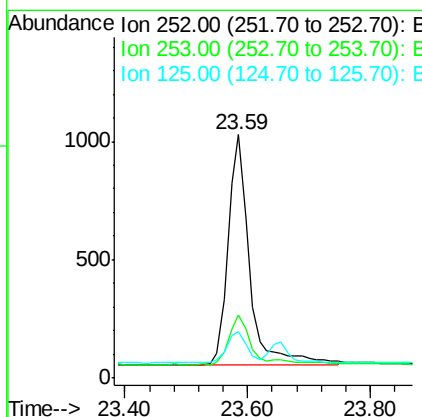
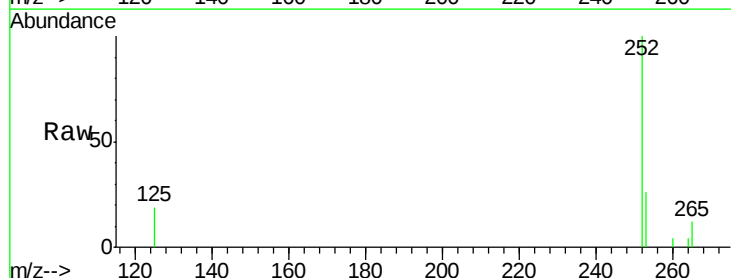
Instrument :
BNA_E
ClientSampleId :

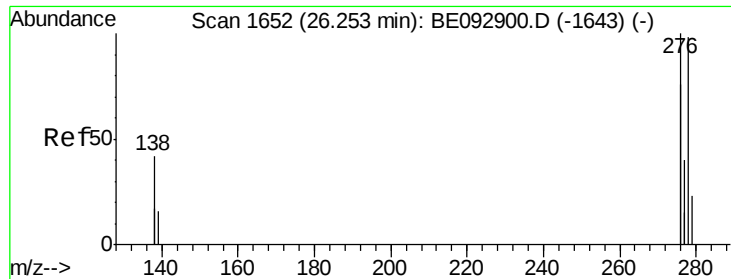
Tot Ion:252 Resp: 3177
Ion Ratio Lower Upper
252 100
253 25.5 25.8 38.8#
125 16.9 22.9 34.3#



#36
Benzo(a)pyrene
Concen: 0.31 ng
RT: 23.59 min Scan# 1429
Delta R.T. 0.00 min
Lab File: BE092911.D
Acq: 21 Apr 2017 17:03

Tgt Ion:252 Resp: 2372
Ion Ratio Lower Upper
252 100
253 26.1 31.3 46.9#
125 19.0 26.4 39.6#

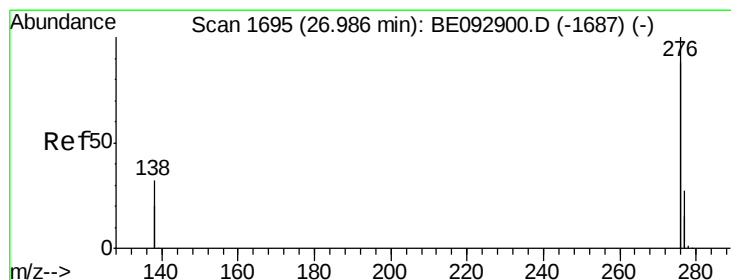
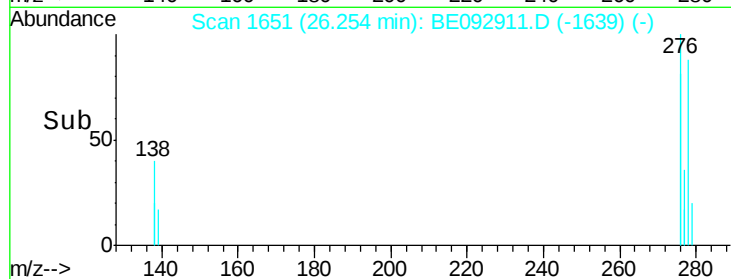
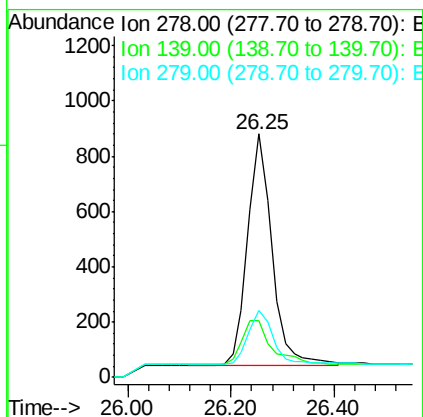
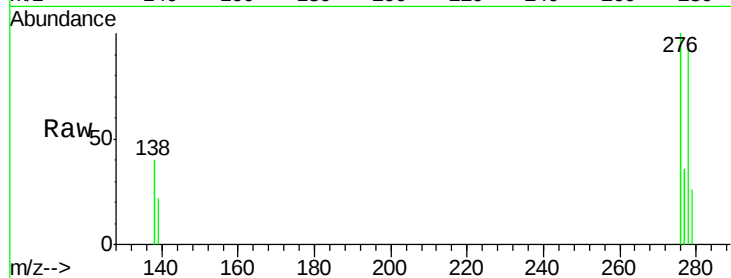




#37
Dibenzo(a,h)anthracene
Concen: 0.32 ng
RT: 26.25 min Scan# 1651
Delta R.T. 0.00 min
Lab File: BE092911.D
Acq: 21 Apr 2017 17:03

Instrument :
BNA_E
ClientSampleId :

Tot Ion:278 Resp: 2744
Ion Ratio Lower Upper
278 100
139 23.5 27.4 41.2#
279 27.5 33.3 49.9#



#38
Benzo(g,h,i)perylene
Concen: 0.33 ng
RT: 27.00 min Scan# 1695
Delta R.T. 0.02 min
Lab File: BE092911.D
Acq: 21 Apr 2017 17:03

Tgt Ion:276 Resp: 12037
Ion Ratio Lower Upper
276 100
277 27.6 29.9 44.9#
138 28.3 34.6 51.8#

