

Data Path : Z:\HPCHEM1\BNA E\DATA\BE110816\
 Data File : BE092503.D
 Acq On : 8 Nov 2016 11:30
 Operator : UM/SJ
 Sample : SSTDICCC0.4
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Nov 08 12:53:57 2016
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE110816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 08 12:49:14 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	7660	5.00	ng	0.00
7) Naphthalene-d8	10.93	136	36693	5.00	ng	0.00
12) Acenaphthene-d10	14.80	164	25822	5.00	ng	0.00
18) Phenanthrene-d10	17.56	188	59686	5.00	ng	0.00
24) Chrysene-d12	21.72	240	86948	5.00	ng	0.00
31) Perylene-d12	24.09	264	83771	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.66	112	621	0.53	ng	0.00
5) Phenol-d6	7.34	99	789	0.49	ng	0.00
8) Nitrobenzene-d5	9.22	82	97	0.05	ng	-0.12
13) 2,4,6-Tribromophenol	16.31	330	229	0.45	ng	0.00
14) 2-Fluorobiphenyl	13.43	172	2473	0.39	ng	0.00
26) Terphenyl-d14	20.17	244	3880	0.36	ng	0.00

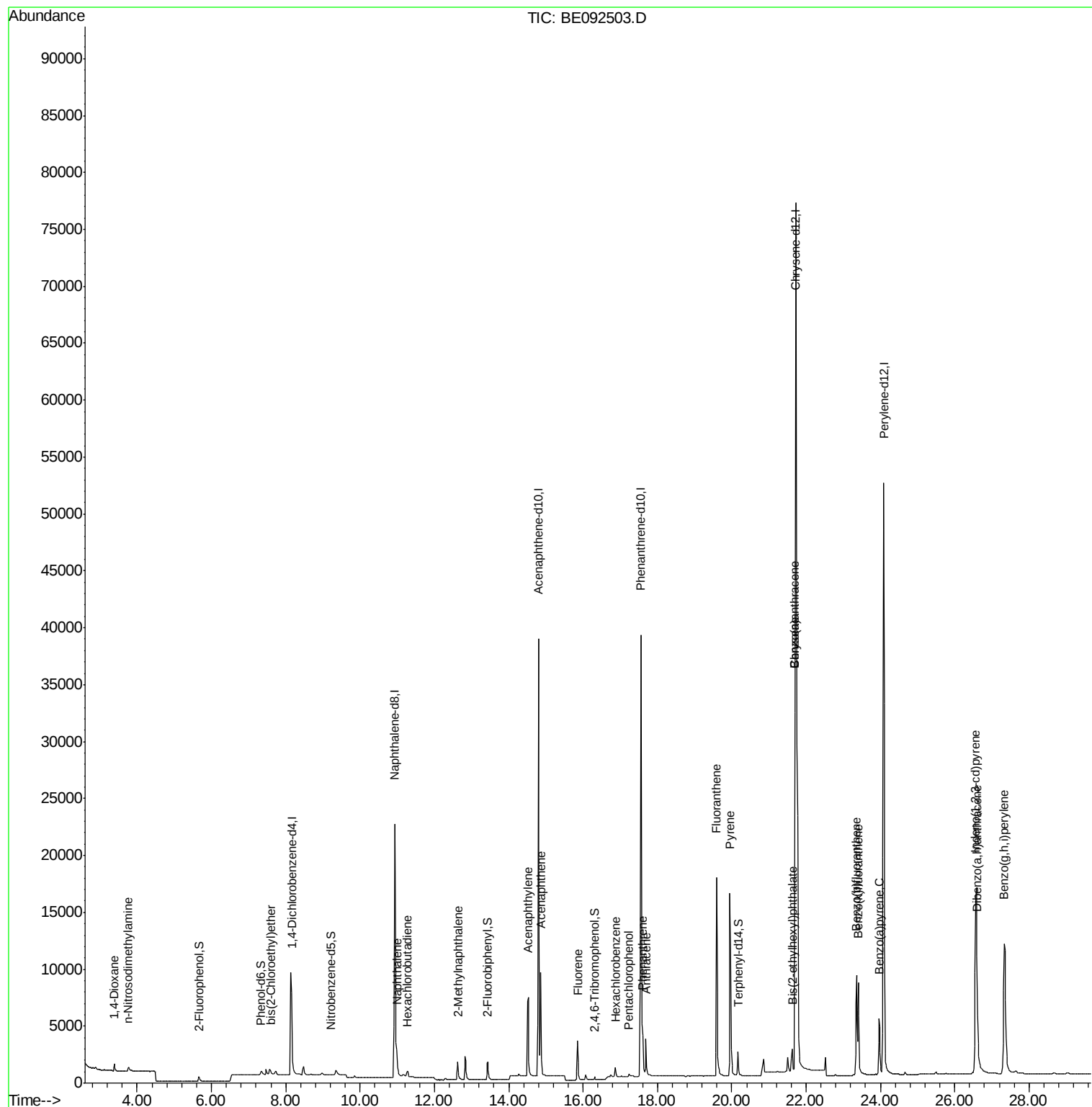
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.39	88	417	0.42	ng	97
3) n-Nitrosodimethylamine	3.76	42	483	0.53	ng	# 90
6) bis(2-Chloroethyl)ether	7.59	93	907	0.47	ng	# 28
9) Naphthalene	10.99	128	3192	0.40	ng	99
10) Hexachlorobutadiene	11.28	225	495	0.41	ng	99
11) 2-Methylnaphthalene	12.62	142	1980	0.39	ng	96
15) Acenaphthylene	14.53	152	13885	0.38	ng	100
16) Acenaphthene	14.87	154	2319	0.39	ng	96
17) Fluorene	15.86	166	2857	0.41	ng	100
19) Hexachlorobenzene	16.87	284	846	0.32	ng	# 76
20) Pentachlorophenol	17.23	266	224	0.48	ng	98
21) Phenanthrene	17.60	178	5040	0.33	ng	95
22) Anthracene	17.70	178	4850	0.35	ng	98
23) Fluoranthene	19.59	202	25338	0.41	ng	99
25) Pyrene	19.95	202	26246	0.35	ng	100
27) Benzo(a)anthracene	21.70	228	70214	0.87	ng	95
28) Chrysene	21.70	228	70707	0.84	ng	# 84
29) Bis(2-ethylhexyl)phthalate	21.63	149	3263	0.49	ng	# 72
30) Indeno(1,2,3-cd)pyrene	26.56	276	38903	0.52	ng	99
32) Benzo(b)fluoranthene	23.36	252	13126	0.63	ng	98
33) Benzo(k)fluoranthene	23.40	252	13006	0.63	ng	97
34) Benzo(a)pyrene	23.97	252	8374	0.44	ng	99
35) Dibenzo(a,h)anthracene	26.60	278	7952	0.45	ng	99
36) Benzo(g,h,i)perylene	27.33	276	32627	0.43	ng	98

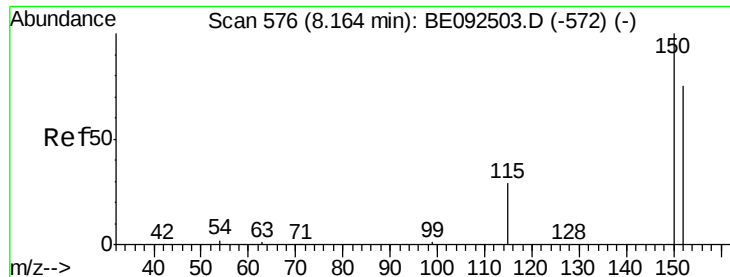
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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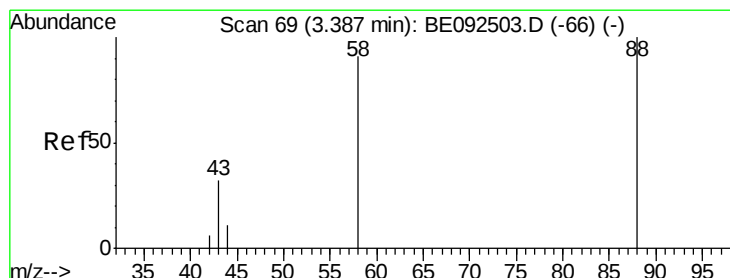
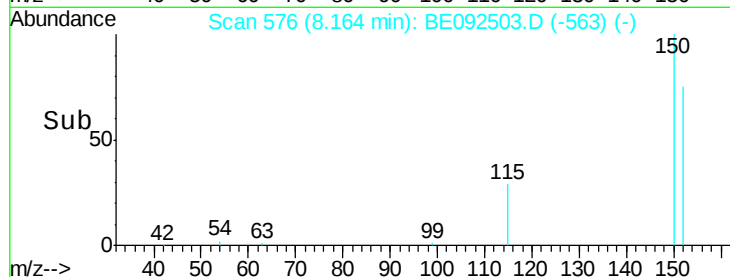
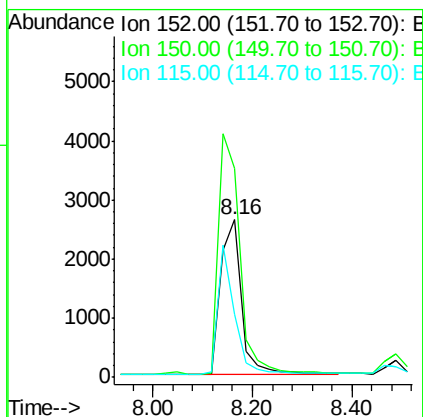
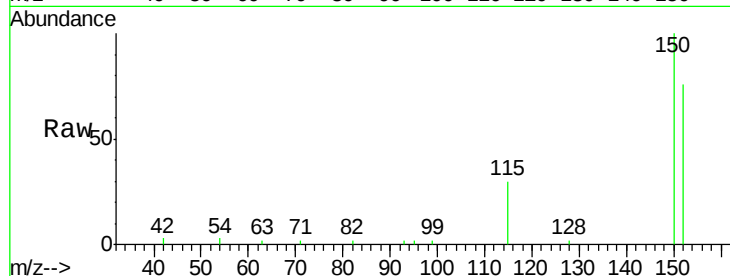


#1

1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.16 min Scan# 576
Delta R.T. 0.00 min
Lab File: BE092503.D
Acq: 8 Nov 2016 11:30

Instrument :
BNA_E
ClientSampled :

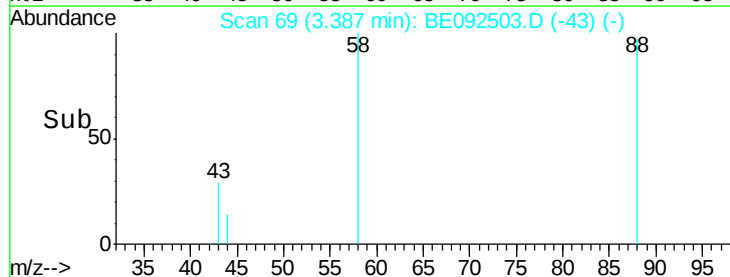
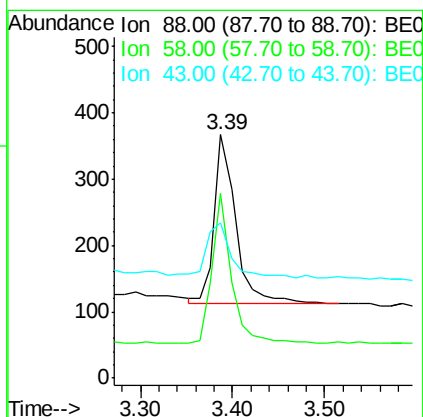
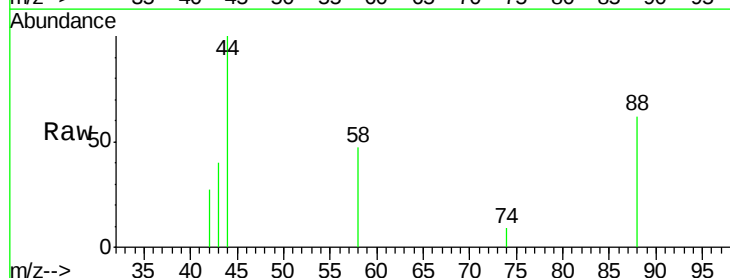
Tot Ion:152 Resp: 7660
Ion Ratio Lower Upper
152 100
150 132.1 106.0 159.0
115 39.7 31.2 46.8

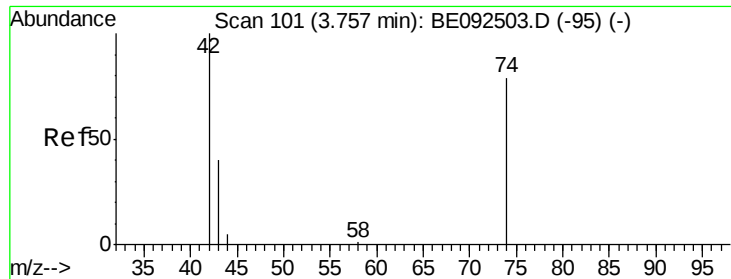


#2

1,4-Dioxane
Concen: 0.42 ng
RT: 3.39 min Scan# 69
Delta R.T. 0.00 min
Lab File: BE092503.D
Acq: 8 Nov 2016 11:30

Tgt Ion: 88 Resp: 417
Ion Ratio Lower Upper
88 100
58 77.2 63.6 95.4
43 37.9 28.0 42.0

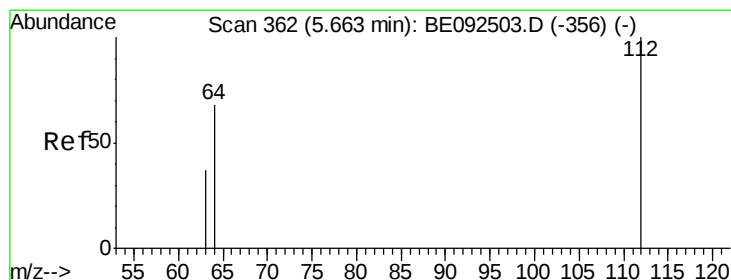
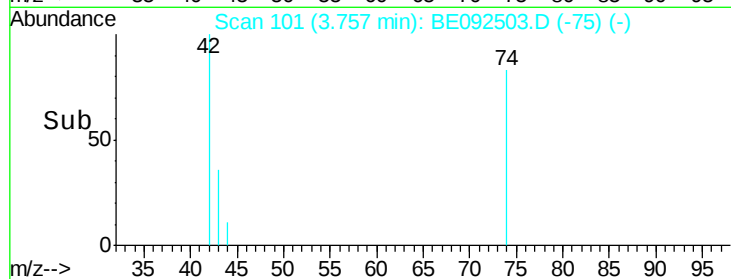
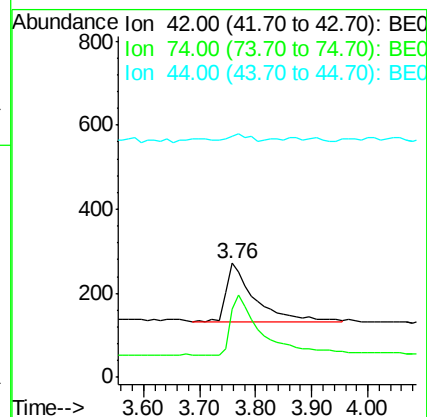
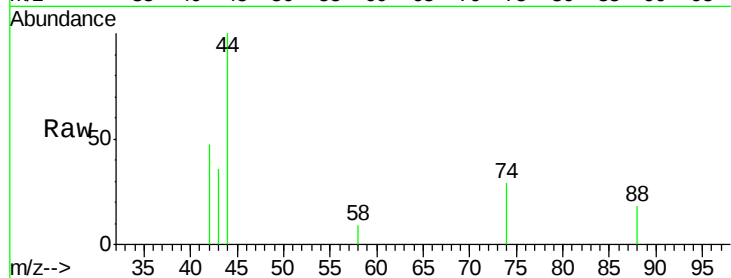




#3
n-Nitrosodimethylamine
Concen: 0.53 ng
RT: 3.76 min Scan# 101
Delta R.T. 0.00 min
Lab File: BE092503.D
Acq: 8 Nov 2016 11:30

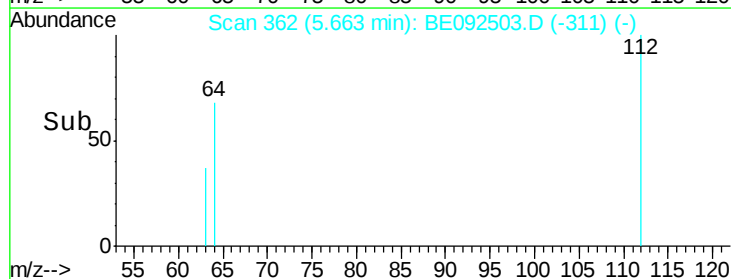
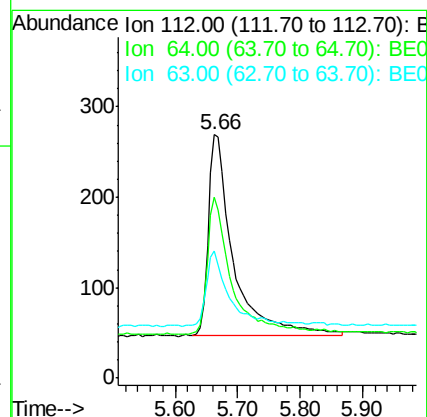
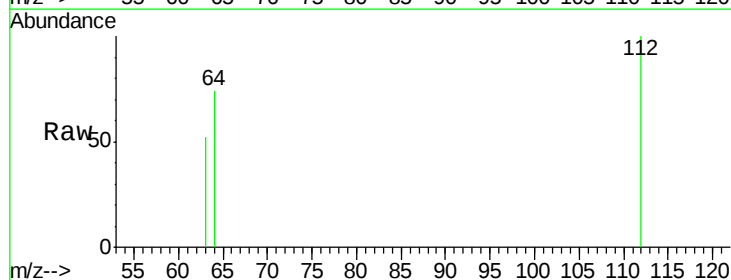
Instrument :
BNA_E
ClientSampled :

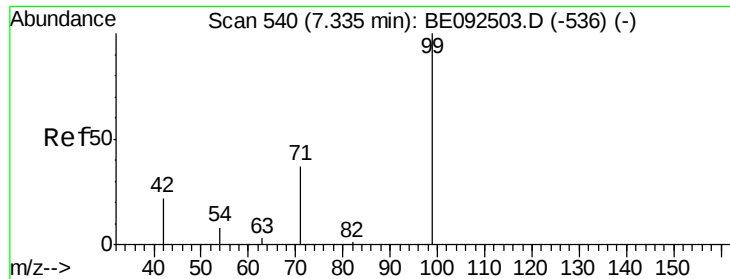
Tot Ion: 42 Resp: 483
Ion Ratio Lower Upper
42 100
74 118.0 86.0 129.0
44 8.3 5.1 7.7#



#4
2-Fluorophenol
Concen: 0.53 ng
RT: 5.66 min Scan# 362
Delta R.T. 0.00 min
Lab File: BE092503.D
Acq: 8 Nov 2016 11:30

Tgt Ion: 112 Resp: 621
Ion Ratio Lower Upper
112 100
64 65.2 53.5 80.3
63 34.5 27.9 41.9





#5

Phenol-d6

Concen: 0.49 ng

RT: 7.34 min Scan# 540

Delta R.T. 0.00 min

Lab File: BE092503.D

Acq: 8 Nov 2016 11:30

Instrument :

BNA_E

ClientSampleId :

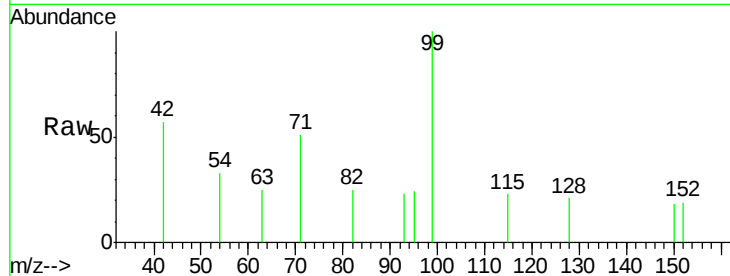
Tot Ion: 99 Resp: 789

Ion Ratio Lower Upper

99 100

42 22.1 16.0 24.0

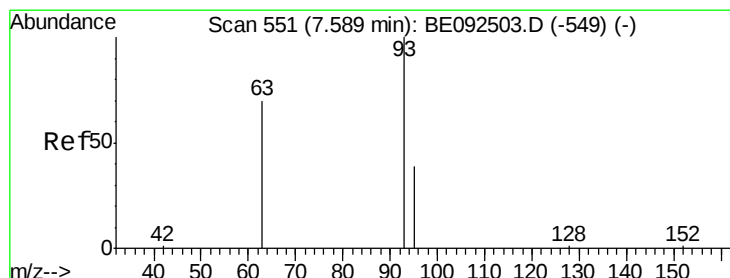
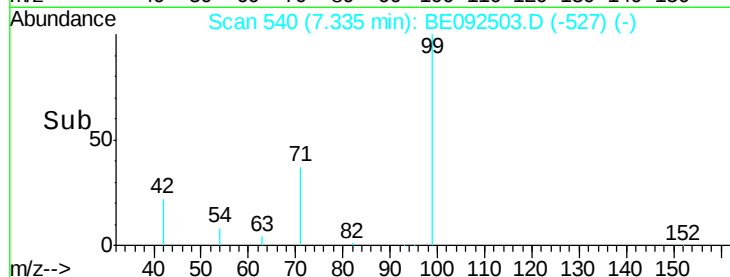
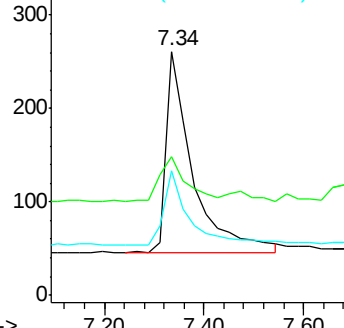
71 35.0 30.6 45.8



Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



#6

bis(2-Chloroethyl)ether

Concen: 0.47 ng

RT: 7.59 min Scan# 551

Delta R.T. 0.00 min

Lab File: BE092503.D

Acq: 8 Nov 2016 11:30

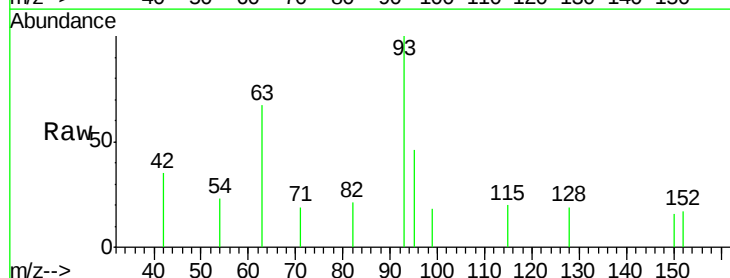
Tgt Ion: 93 Resp: 907

Ion Ratio Lower Upper

93 100

63 0.0 71.6 107.4#

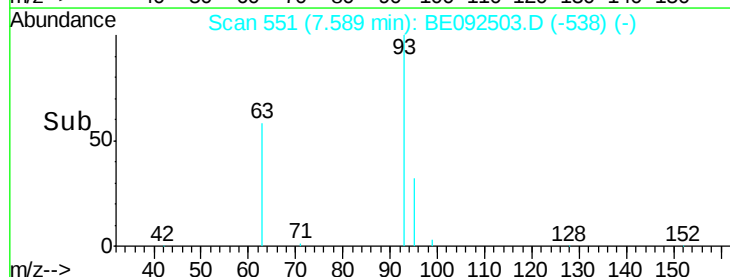
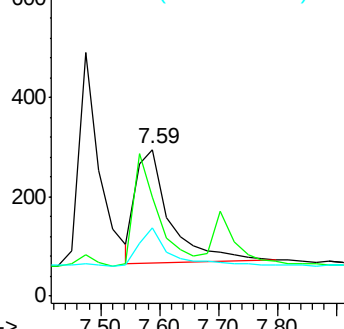
95 30.7 24.0 36.0

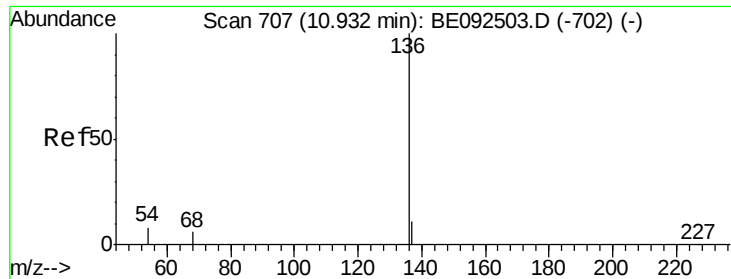


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.93 min Scan# 707

Delta R.T. 0.00 min

Lab File: BE092503.D

Acq: 8 Nov 2016 11:30

Instrument :

BNA_E

ClientSampled :

Tot Ion:136 Resp: 36693

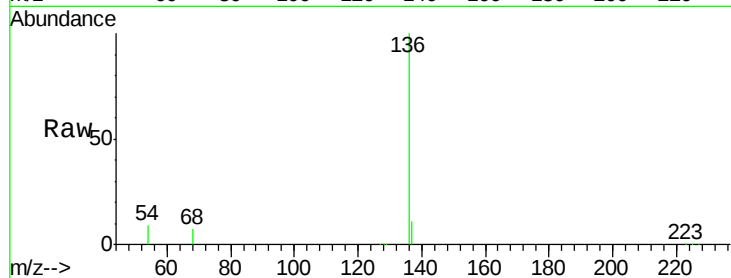
Ion Ratio Lower Upper

136 100

137 10.9 8.2 12.4

54 8.8 9.6 14.4#

68 6.5 6.7 10.1#

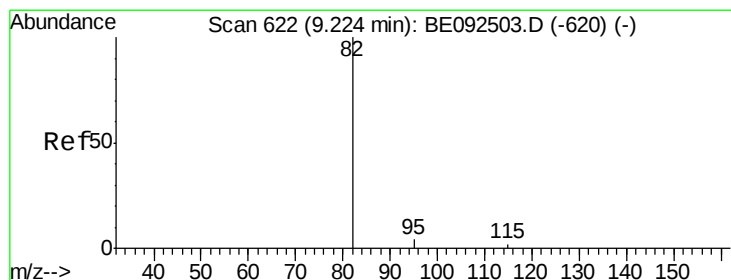
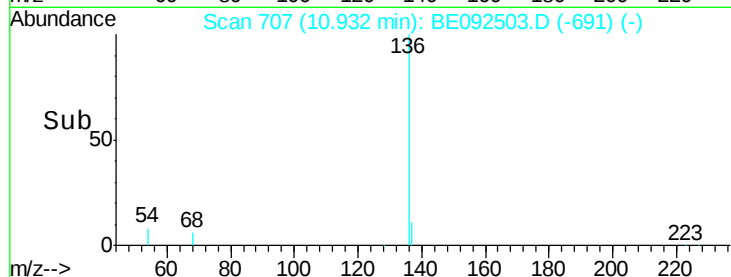
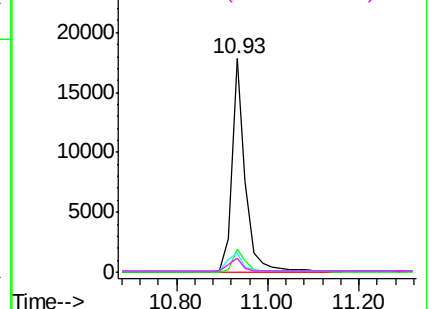


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.05 ng

RT: 9.22 min Scan# 622

Delta R.T. -0.12 min

Lab File: BE092503.D

Acq: 8 Nov 2016 11:30

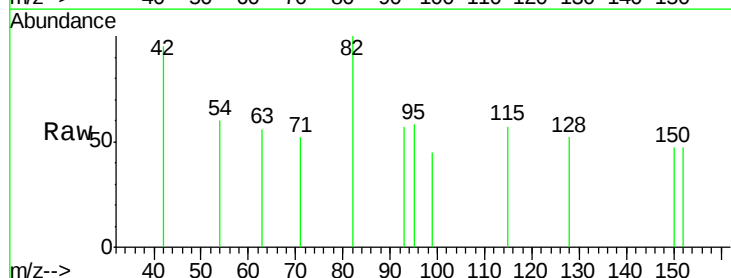
Tgt Ion: 82 Resp: 97

Ion Ratio Lower Upper

82 100

128 51.9 39.0 58.4

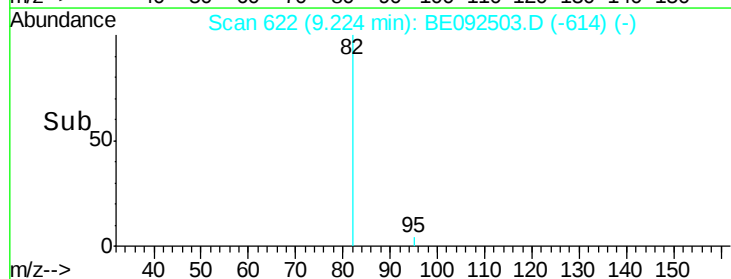
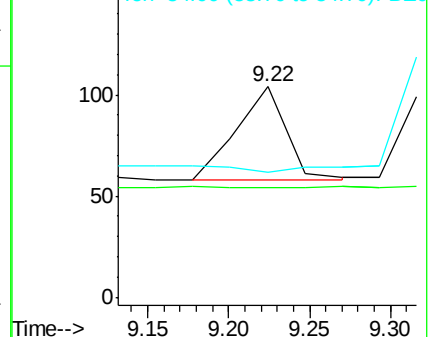
54 59.6 44.8 67.2

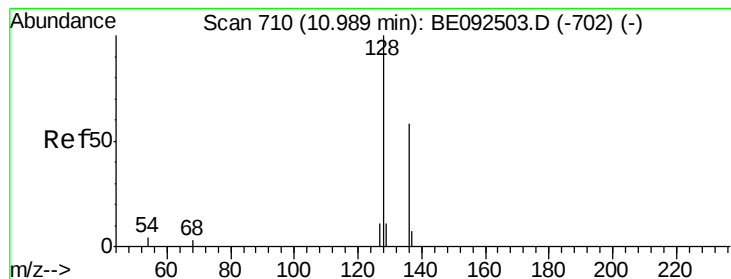


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.40 ng

RT: 10.99 min Scan# 710

Delta R.T. 0.00 min

Lab File: BE092503.D

Acq: 8 Nov 2016 11:30

Instrument :

BNA_E

ClientSampleId :

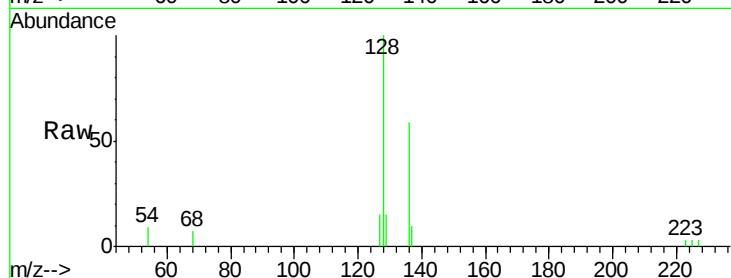
Tot Ion:128 Resp: 3192

Ion Ratio Lower Upper

128 100

129 14.7 11.2 16.8

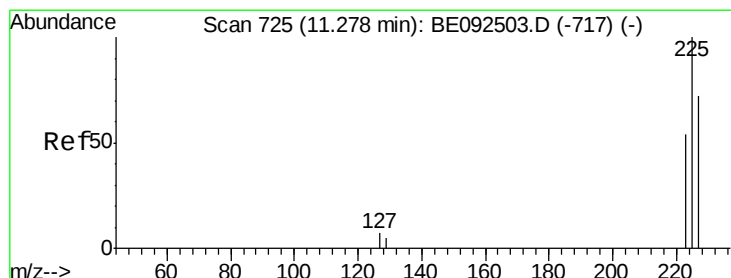
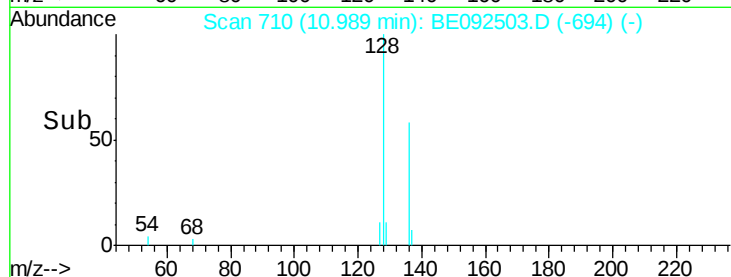
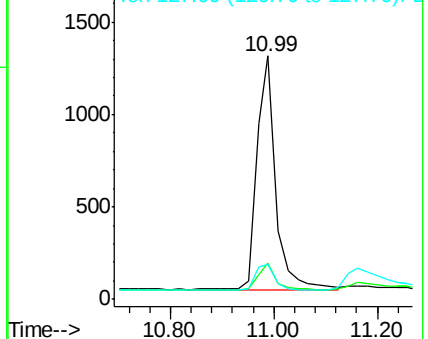
127 14.5 11.6 17.4



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: 0.41 ng

RT: 11.28 min Scan# 725

Delta R.T. 0.00 min

Lab File: BE092503.D

Acq: 8 Nov 2016 11:30

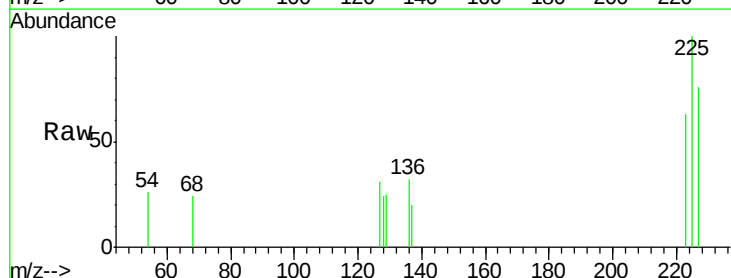
Tgt Ion:225 Resp: 495

Ion Ratio Lower Upper

225 100

223 64.4 50.6 76.0

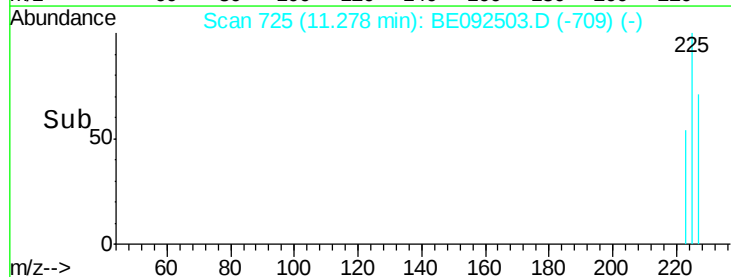
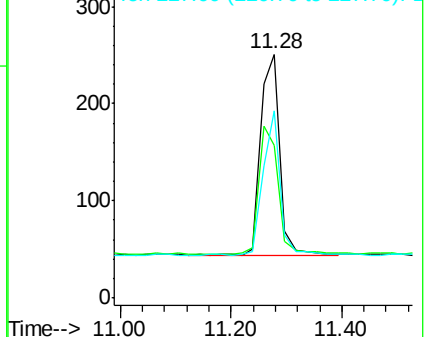
227 65.1 51.4 77.0

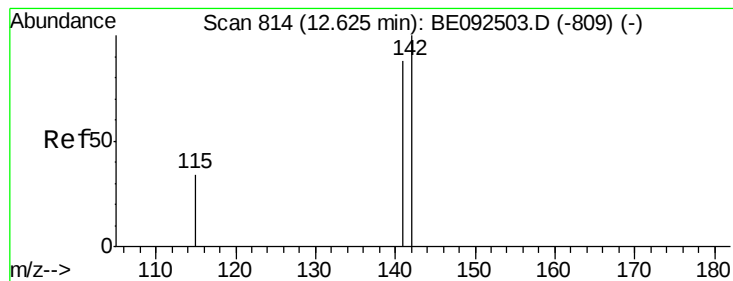


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene

Concen: 0.39 ng

RT: 12.62 min Scan# 814

Delta R.T. 0.00 min

Lab File: BE092503.D

Acq: 8 Nov 2016 11:30

Instrument :

BNA_E

ClientSampleId :

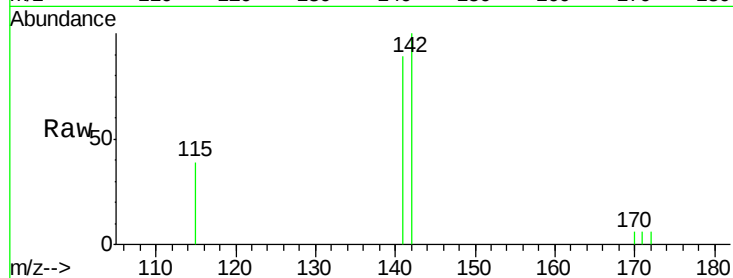
Tot Ion:142 Resp: 1980

Ion Ratio Lower Upper

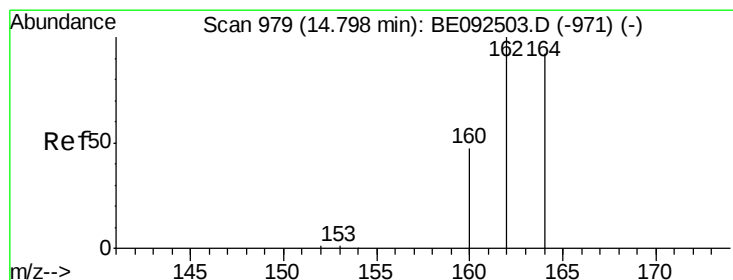
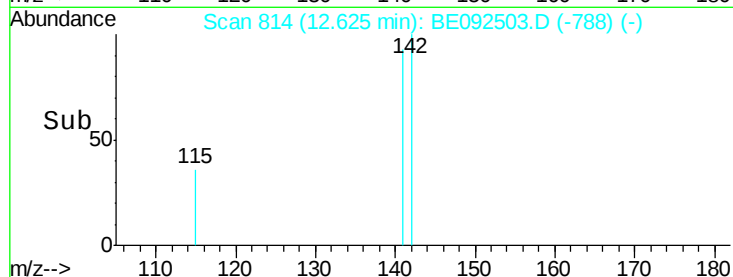
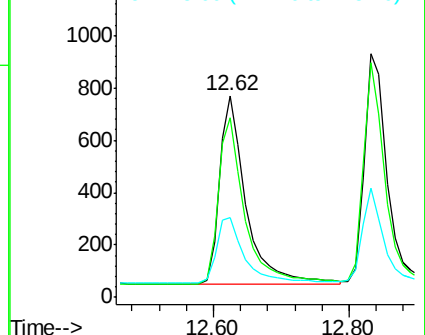
142 100

141 89.0 73.7 110.5

115 39.4 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: 14.80 min Scan# 979

Delta R.T. 0.00 min

Lab File: BE092503.D

Acq: 8 Nov 2016 11:30

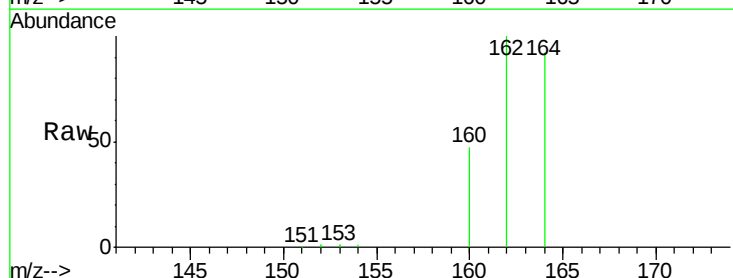
Tgt Ion:164 Resp: 25822

Ion Ratio Lower Upper

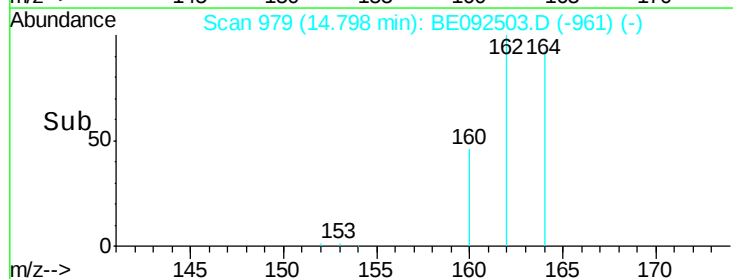
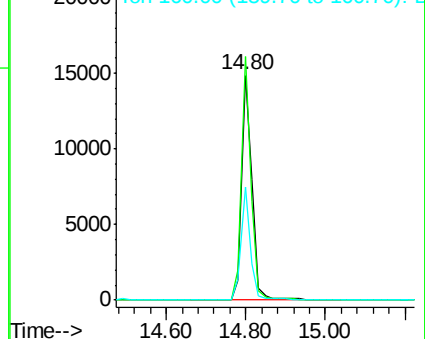
164 100

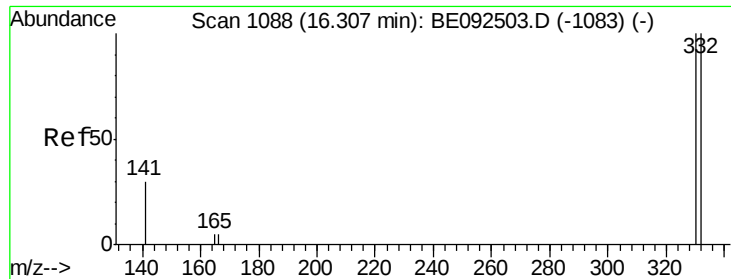
162 108.4 71.4 107.0#

160 50.6 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

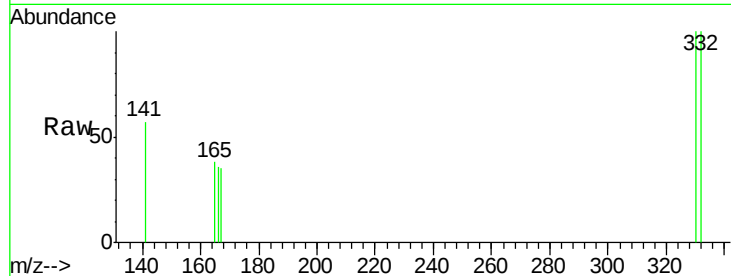




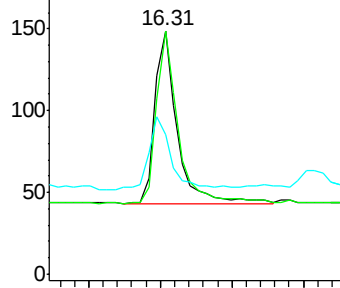
#13
 2,4,6-Tribromophenol
 Concen: 0.45 ng
 RT: 16.31 min Scan# 1088
 Delta R.T. 0.00 min
 Lab File: BE092503.D
 Acq: 8 Nov 2016 11:30

Instrument :
 BNA_E
 ClientSampleId :

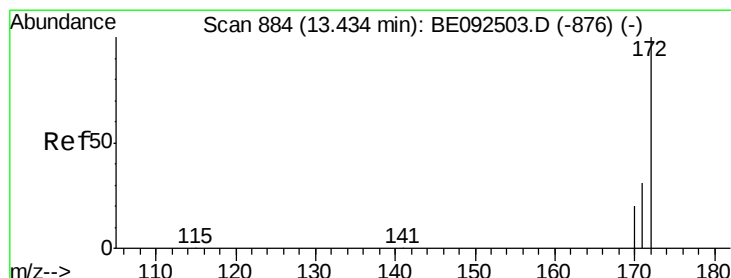
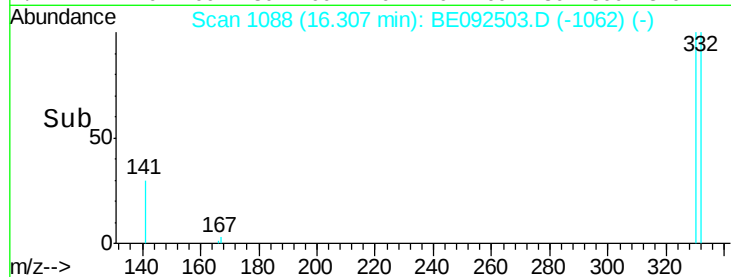
Tot Ion:330 Resp: 229
 Ion Ratio Lower Upper
 330 100
 332 98.7 75.4 113.0
 141 40.6 31.0 46.6



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

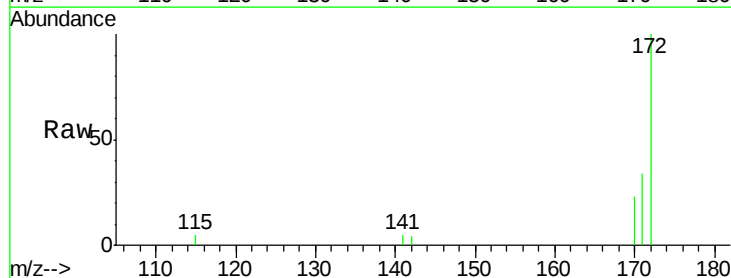


Time--> 16.20 16.30 16.40 16.50

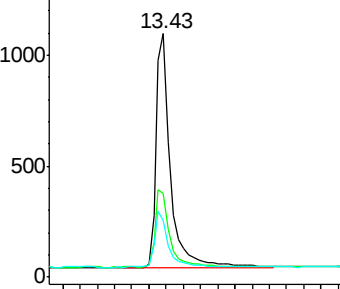


#14
 2-Fluorobiphenyl
 Concen: 0.39 ng
 RT: 13.43 min Scan# 884
 Delta R.T. 0.00 min
 Lab File: BE092503.D
 Acq: 8 Nov 2016 11:30

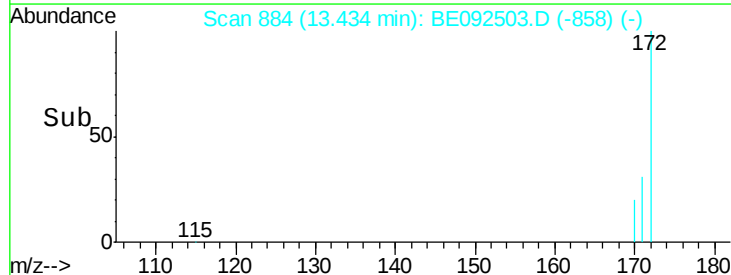
Tgt Ion:172 Resp: 2473
 Ion Ratio Lower Upper
 172 100
 171 34.3 30.1 45.1
 170 23.1 21.8 32.6

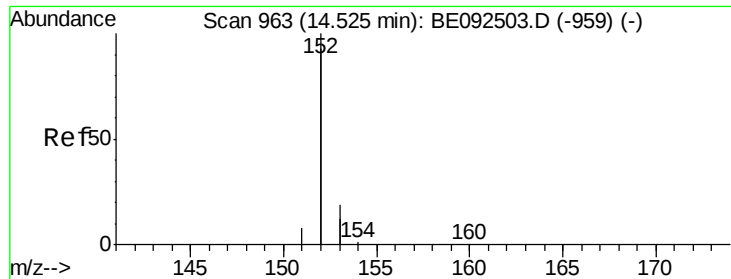


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



Time--> 13.20 13.40 13.60 13.80





#15

Acenaphthylene

Concen: 0.38 ng

RT: 14.53 min Scan# 963

Delta R.T. 0.00 min

Lab File: BE092503.D

Acq: 8 Nov 2016 11:30

Instrument :

BNA_E

ClientSampleId :

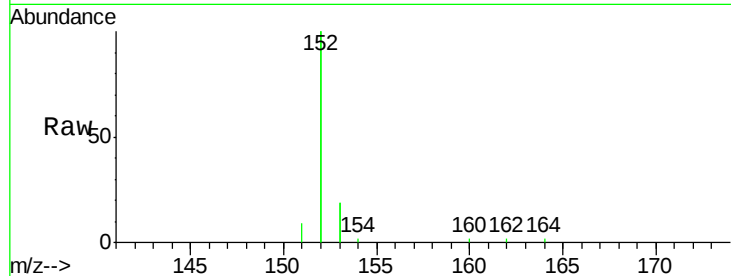
Tot Ion:152 Resp: 13885

Ion Ratio Lower Upper

152 100

151 5.0 3.9 5.9

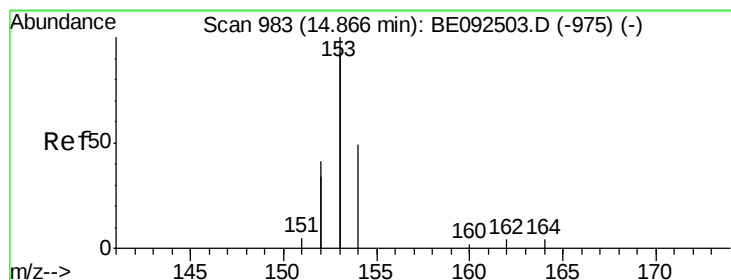
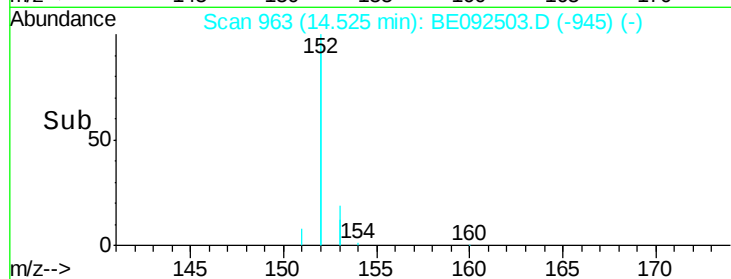
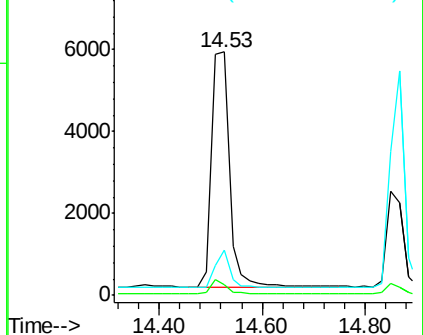
153 12.8 10.4 15.6



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: 0.39 ng

RT: 14.87 min Scan# 983

Delta R.T. 0.00 min

Lab File: BE092503.D

Acq: 8 Nov 2016 11:30

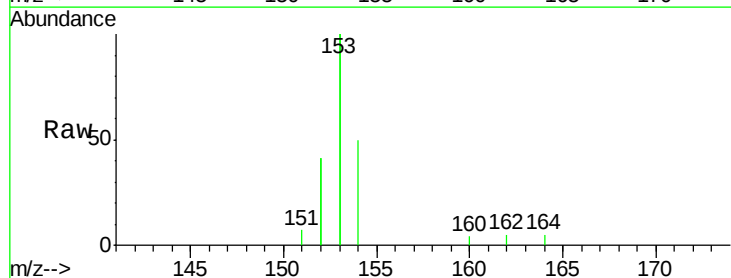
Tgt Ion:154 Resp: 2319

Ion Ratio Lower Upper

154 100

153 429.3 350.8 526.2

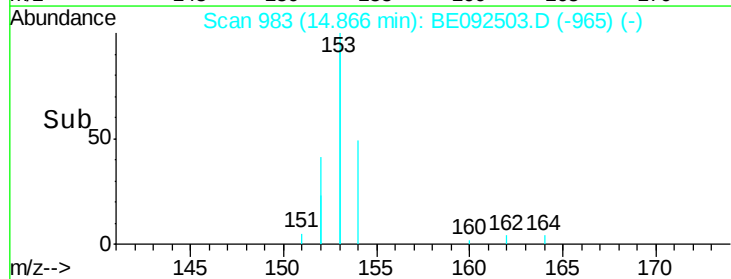
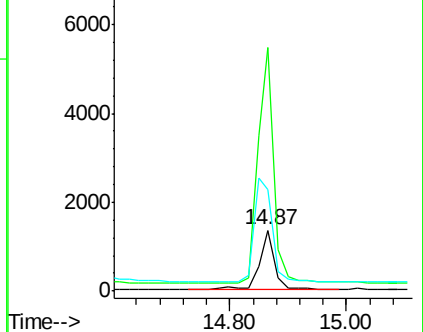
152 220.7 171.1 256.7

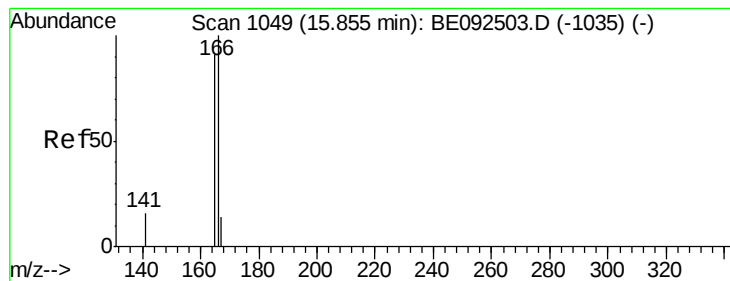


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#17

Fluorene

Concen: 0.41 ng

RT: 15.86 min Scan# 1049

Delta R.T. 0.00 min

Lab File: BE092503.D

Acq: 8 Nov 2016 11:30

Instrument :

BNA_E

ClientSampleId :

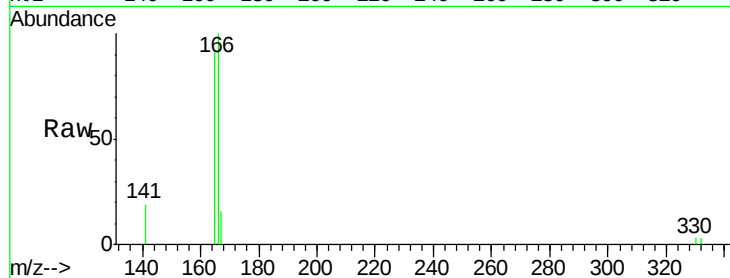
Tot Ion:166 Resp: 2857

Ion Ratio Lower Upper

166 100

165 98.1 78.2 117.4

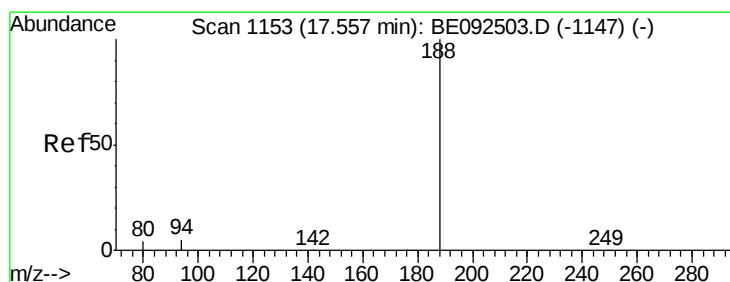
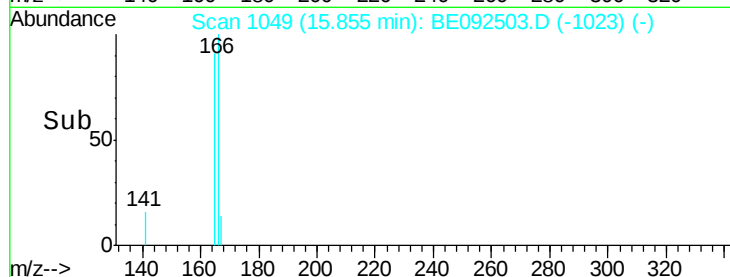
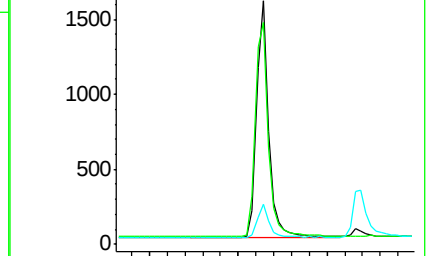
167 13.4 11.0 16.4



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.56 min Scan# 1153

Delta R.T. 0.00 min

Lab File: BE092503.D

Acq: 8 Nov 2016 11:30

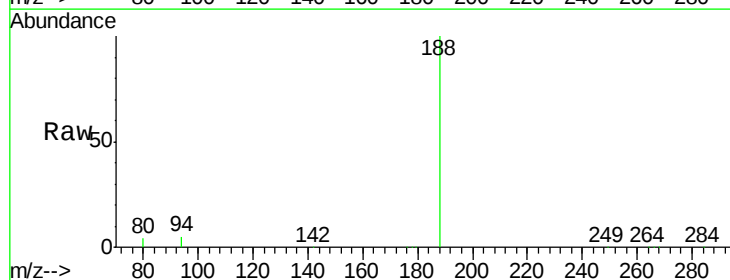
Tgt Ion:188 Resp: 59686

Ion Ratio Lower Upper

188 100

94 5.0 3.2 4.8#

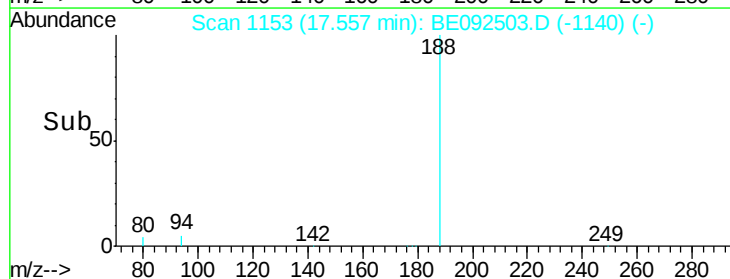
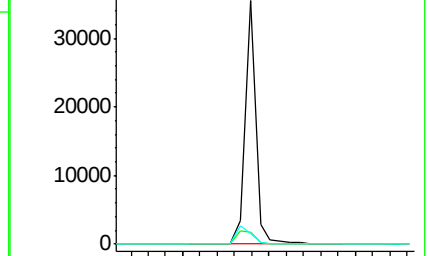
80 4.3 2.6 3.8#

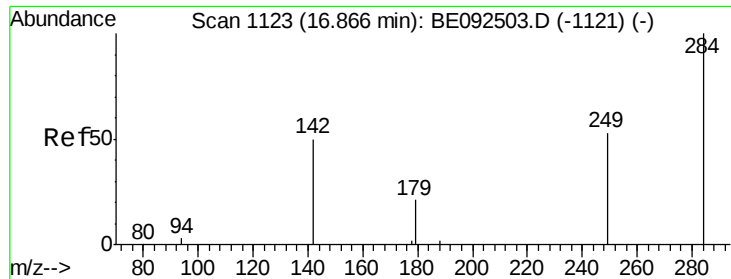


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0

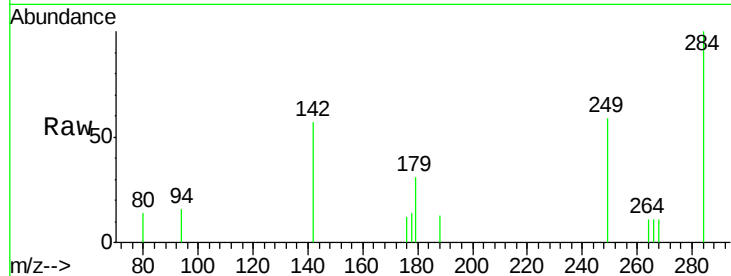




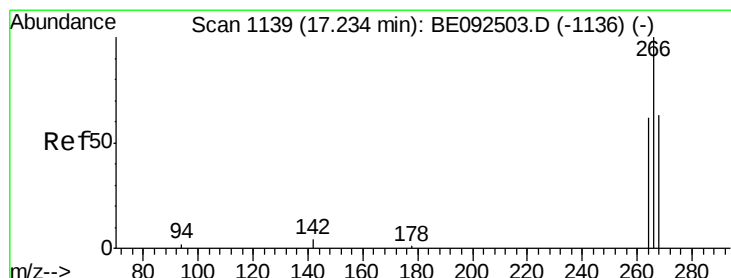
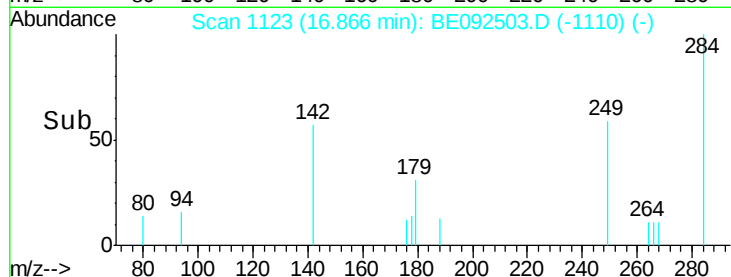
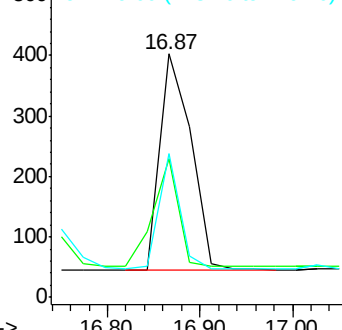
#19
Hexachlorobenzene
Concen: 0.32 ng
RT: 16.87 min Scan# 1123
Delta R.T. 0.00 min
Lab File: BE092503.D
Acq: 8 Nov 2016 11:30

Instrument :
BNA_E
ClientSampled :

Tot Ion:284 Resp: 846
Ion Ratio Lower Upper
284 100
142 50.9 29.1 43.7#
249 48.3 27.9 41.9#

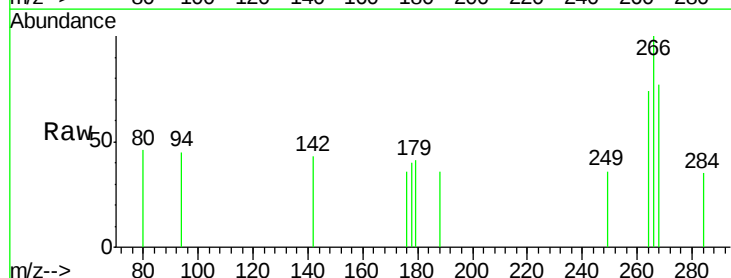


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

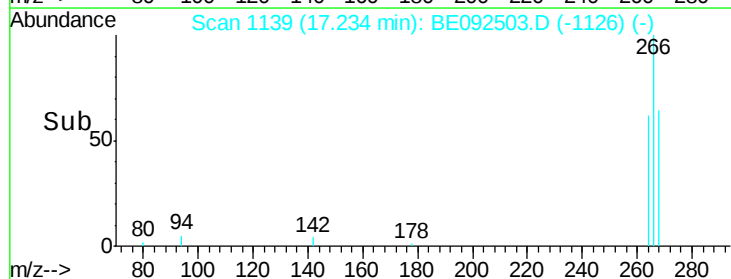
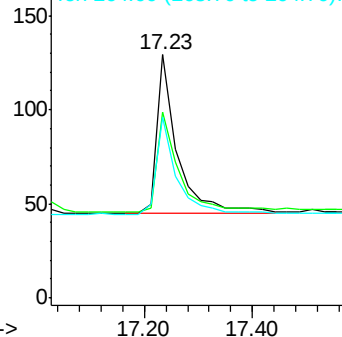


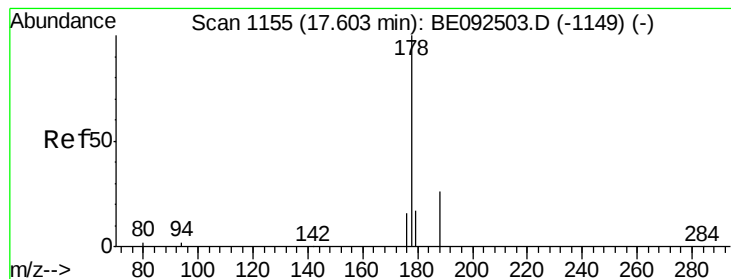
#20
Pentachlorophenol
Concen: 0.48 ng
RT: 17.23 min Scan# 1139
Delta R.T. 0.00 min
Lab File: BE092503.D
Acq: 8 Nov 2016 11:30

Tgt Ion:266 Resp: 224
Ion Ratio Lower Upper
266 100
268 76.7 62.5 93.7
264 74.4 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: 0.33 ng

RT: 17.60 min Scan# 1155

Delta R.T. 0.00 min

Lab File: BE092503.D

Acq: 8 Nov 2016 11:30

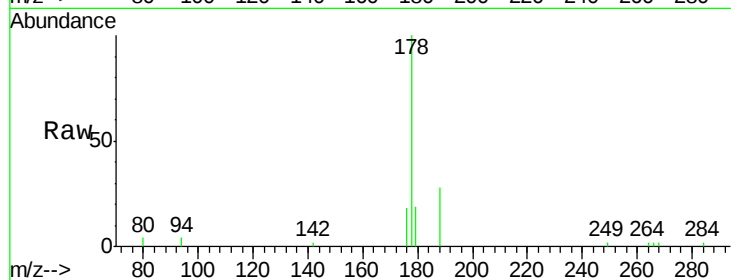
Instrument :

BNA_E

ClientSampleId :

Tot Ion:178 Resp: 5040

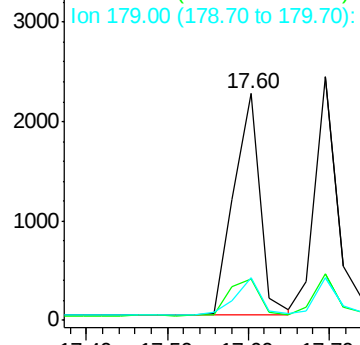
Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.8	23.8
179	16.3	16.0	24.0



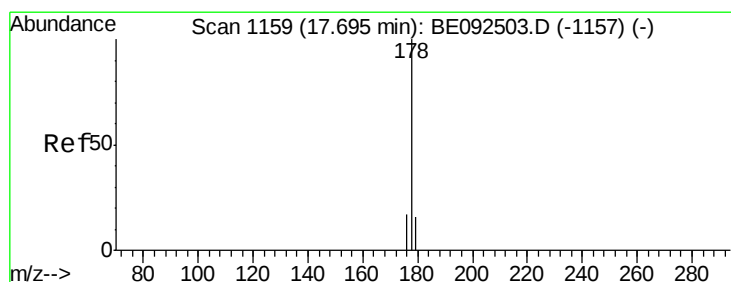
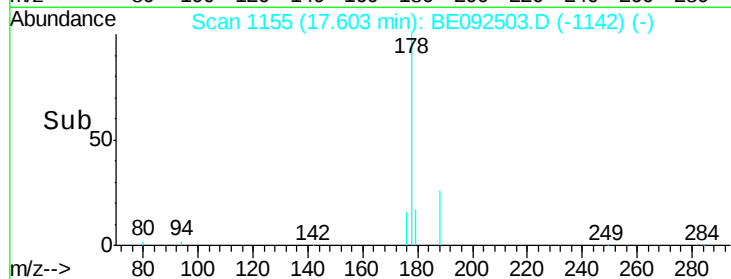
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#22

Anthracene

Concen: 0.35 ng

RT: 17.70 min Scan# 1159

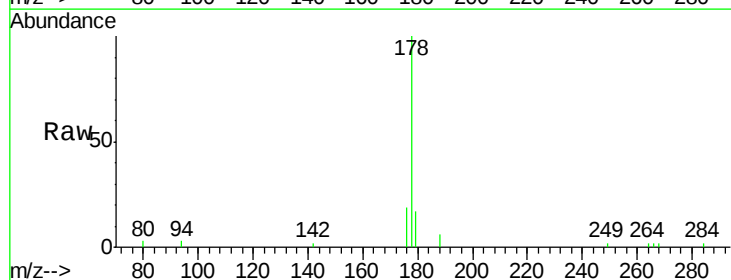
Delta R.T. 0.00 min

Lab File: BE092503.D

Acq: 8 Nov 2016 11:30

Tgt Ion:178 Resp: 4850

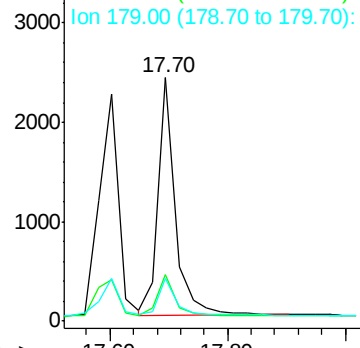
Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.0	22.4
179	16.5	12.2	18.2



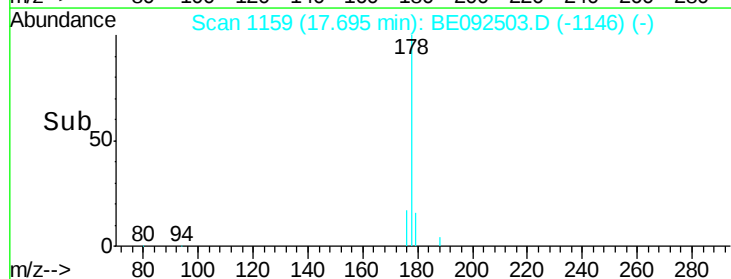
Abundance Ion 178.00 (177.70 to 178.70): E

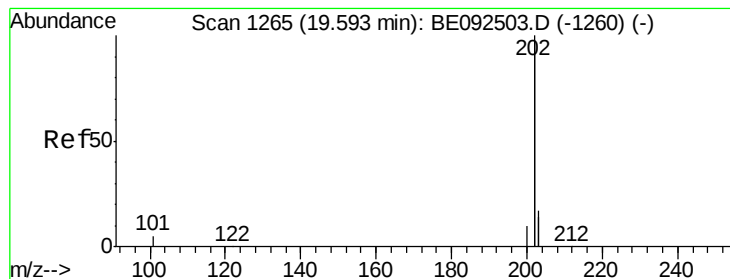
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->





#23

Fluoranthene

Concen: 0.41 ng

RT: 19.59 min Scan# 1265

Delta R.T. 0.00 min

Lab File: BE092503.D

Acq: 8 Nov 2016 11:30

Instrument :

BNA_E

ClientSampleId :

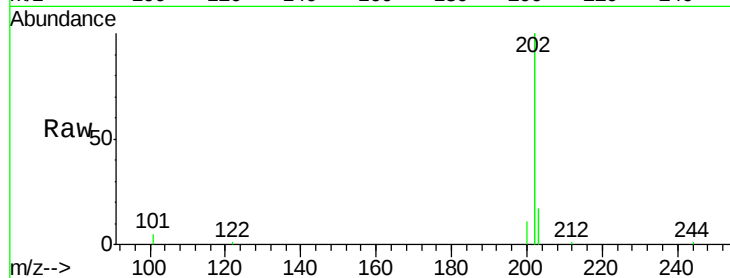
Tot Ion:202 Resp: 25338

Ion Ratio Lower Upper

202 100

101 2.7 2.2 3.4

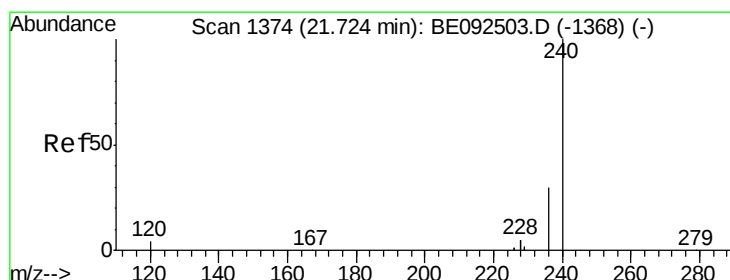
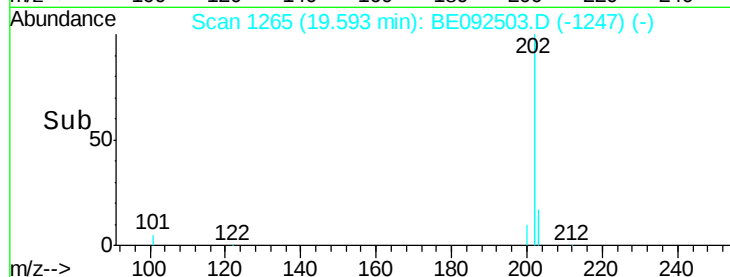
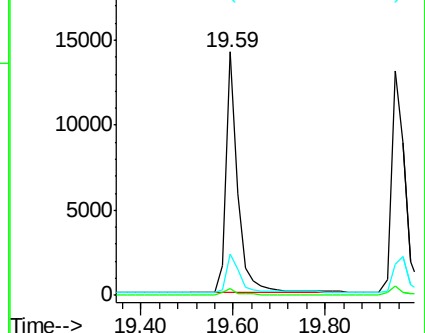
203 17.6 13.7 20.5



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: 21.72 min Scan# 1374

Delta R.T. 0.00 min

Lab File: BE092503.D

Acq: 8 Nov 2016 11:30

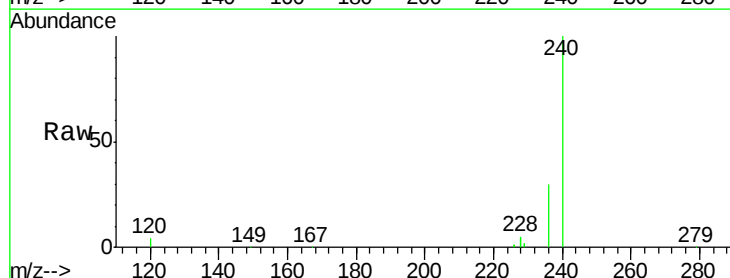
Tgt Ion:240 Resp: 86948

Ion Ratio Lower Upper

240 100

120 4.4 2.6 4.0#

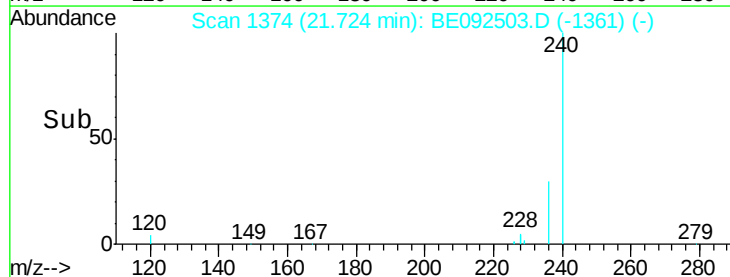
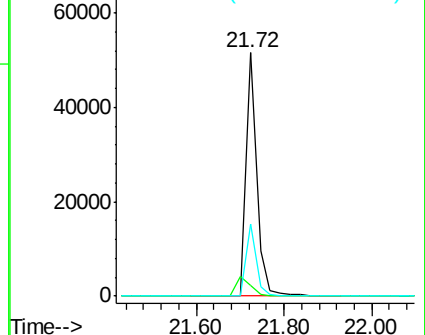
236 29.8 24.6 37.0

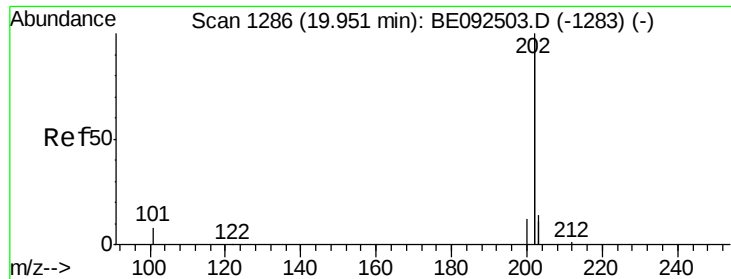


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

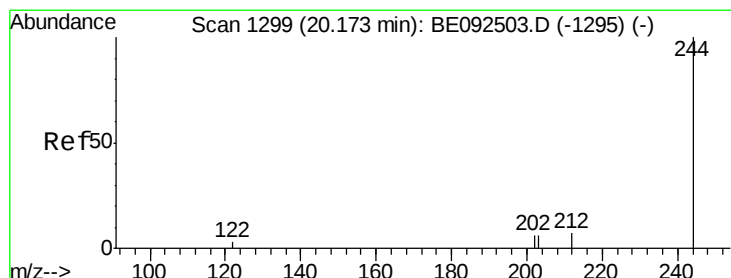
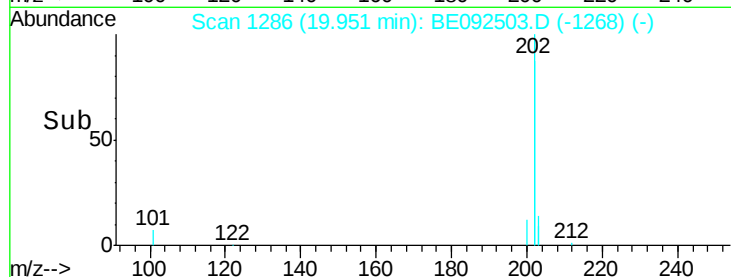
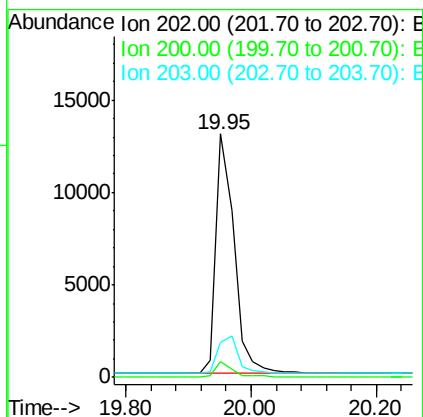
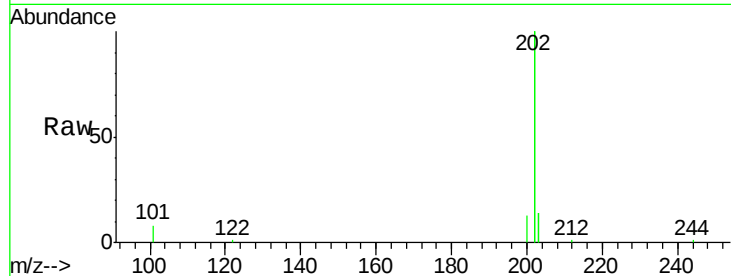




#25
Pvrene
Concen: 0.35 ng
RT: 19.95 min Scan# 1286
Delta R.T. 0.00 min
Lab File: BE092503.D
Acq: 8 Nov 2016 11:30

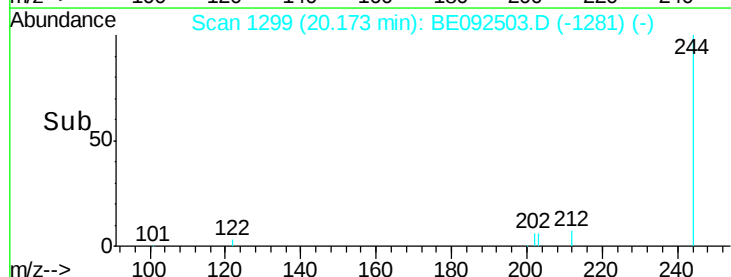
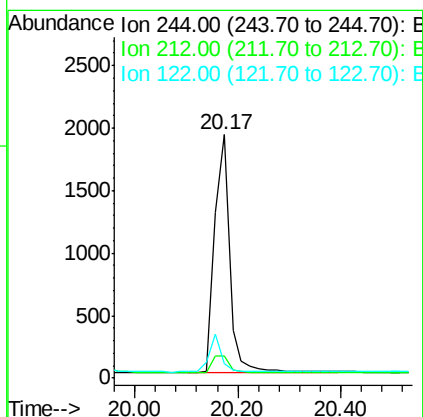
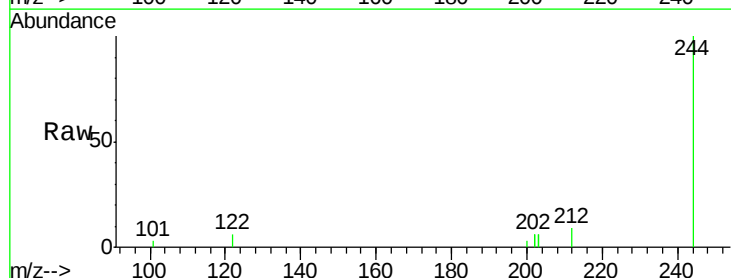
Instrument :
BNA_E
ClientSampleId :

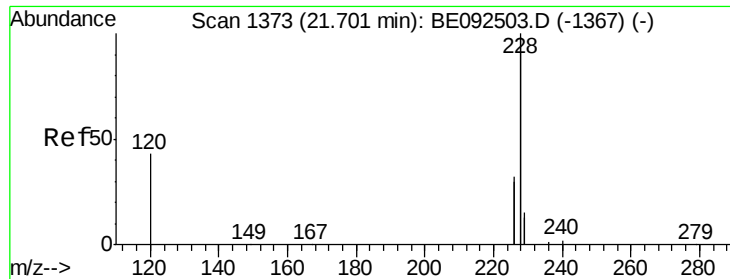
Tot Ion:202 Resp: 26246
Ion Ratio Lower Upper
202 100
200 5.4 4.2 6.4
203 17.4 13.9 20.9



#26
Terphenyl-d14
Concen: 0.36 ng
RT: 20.17 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BE092503.D
Acq: 8 Nov 2016 11:30

Tgt Ion:244 Resp: 3880
Ion Ratio Lower Upper
244 100
212 9.2 6.7 10.1
122 5.8 3.6 5.4#

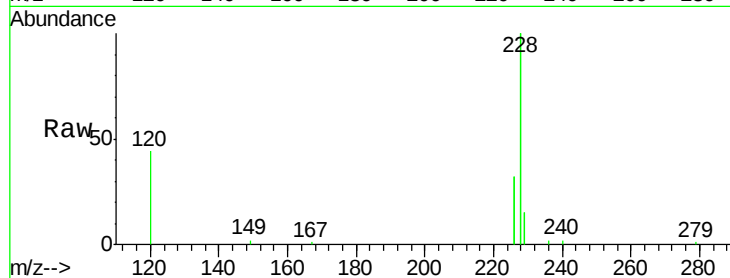




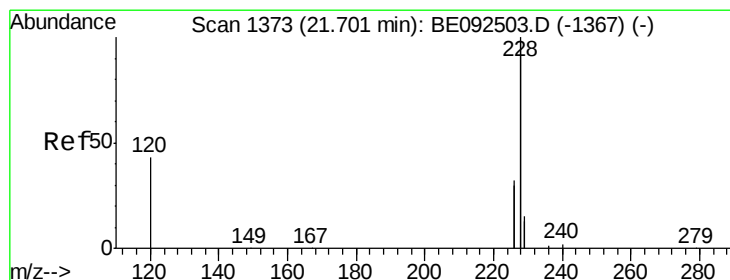
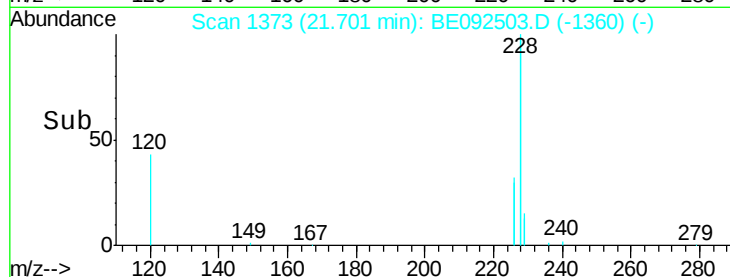
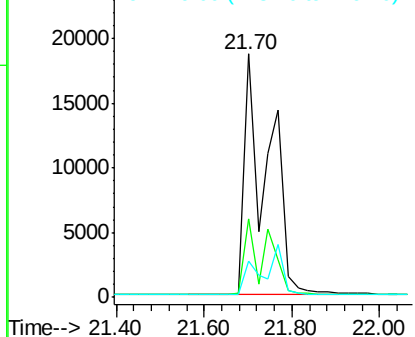
#27
Benzo(a)anthracene
Concen: 0.87 ng
RT: 21.70 min Scan# 1373
Delta R.T. 0.00 min
Lab File: BE092503.D
Acq: 8 Nov 2016 11:30

Instrument :
BNA_E
ClientSampleId :

Tot Ion:228 Resp: 70214
Ion Ratio Lower Upper
228 100
226 32.4 23.6 35.4
229 14.9 13.3 19.9

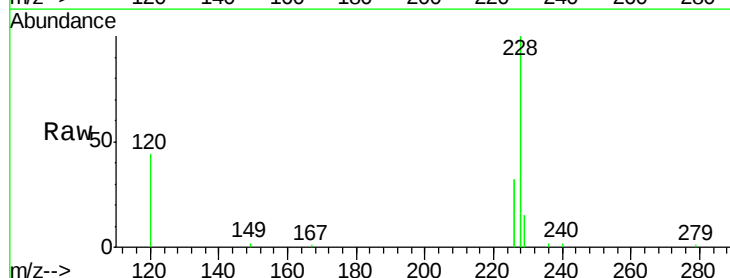


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

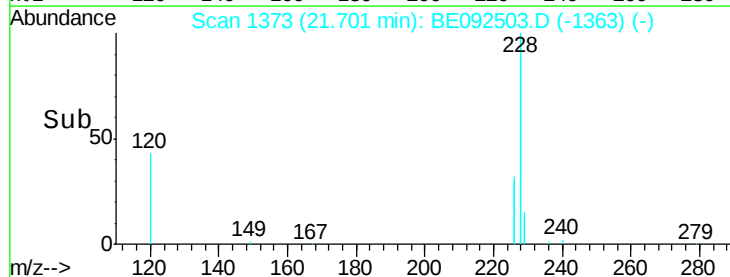
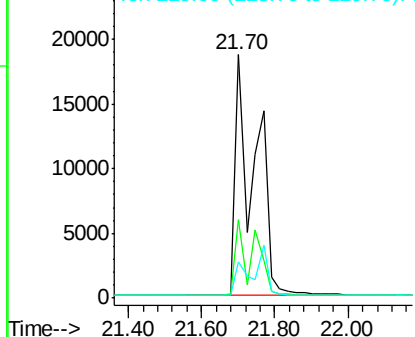


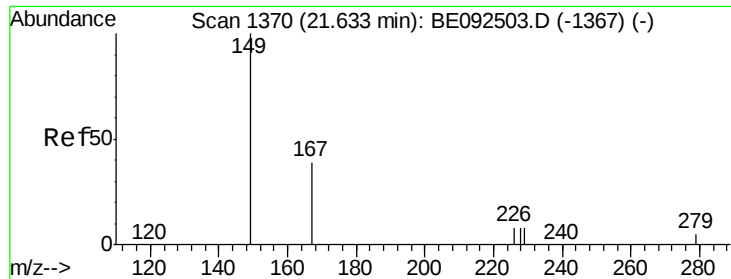
#28
Chrysene
Concen: 0.84 ng
RT: 21.70 min Scan# 1373
Delta R.T. -0.07 min
Lab File: BE092503.D
Acq: 8 Nov 2016 11:30

Tgt Ion:228 Resp: 70707
Ion Ratio Lower Upper
228 100
226 32.4 36.3 54.5#
229 14.9 10.6 16.0



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

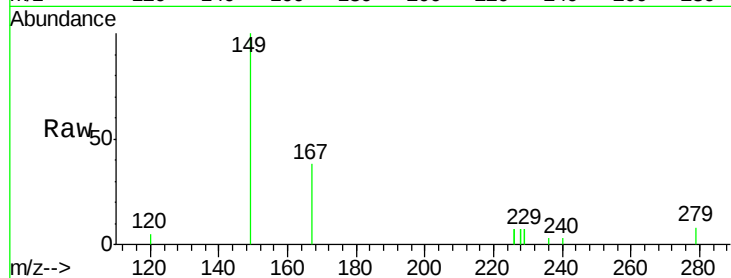




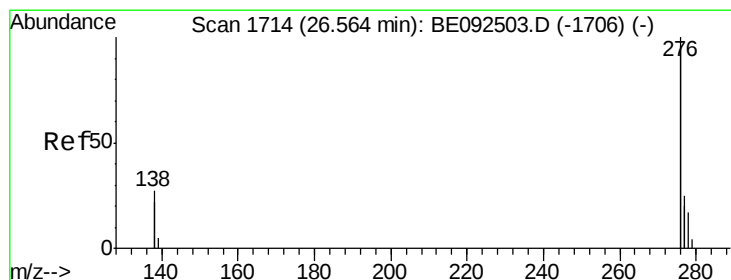
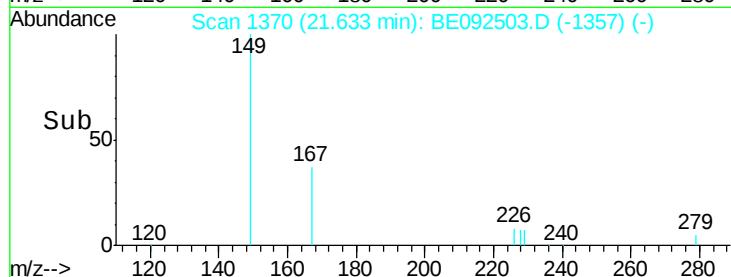
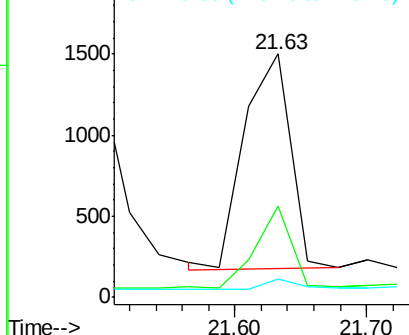
#29
 Bis(2-ethylhexyl)phthalate
 Concen: 0.49 ng
 RT: 21.63 min Scan# 1370
 Delta R.T. 0.00 min
 Lab File: BE092503.D
 Acq: 8 Nov 2016 11:30

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:149 Resp: 3263
 Ion Ratio Lower Upper
 149 100
 167 29.4 16.0 24.0#
 279 3.6 16.0 24.0#

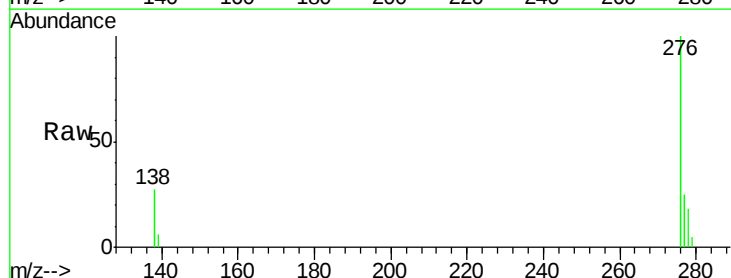


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

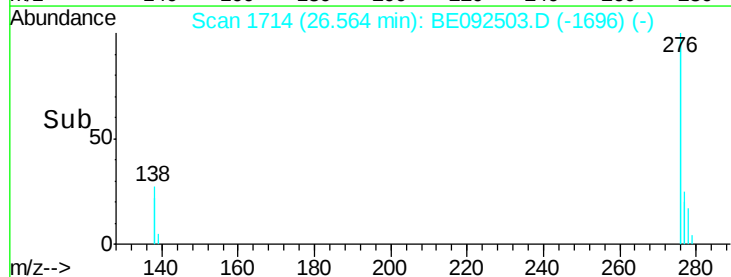
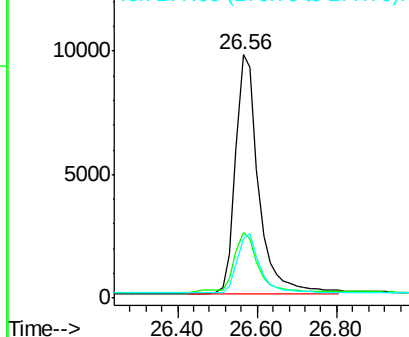


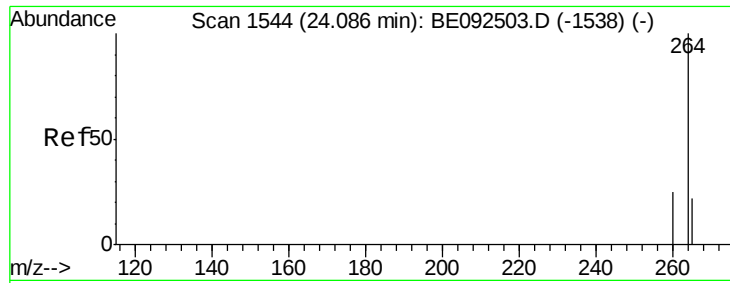
#30
 Indeno(1,2,3-cd)pyrene
 Concen: 0.52 ng
 RT: 26.56 min Scan# 1714
 Delta R.T. 0.00 min
 Lab File: BE092503.D
 Acq: 8 Nov 2016 11:30

Tgt Ion:276 Resp: 38903
 Ion Ratio Lower Upper
 276 100
 138 26.7 20.3 30.5
 277 24.7 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

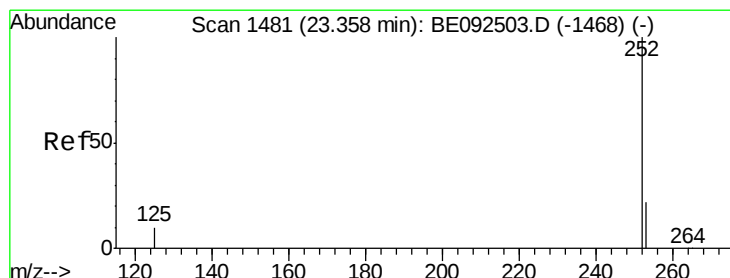
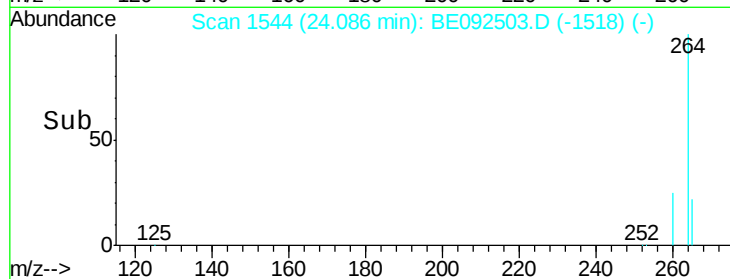
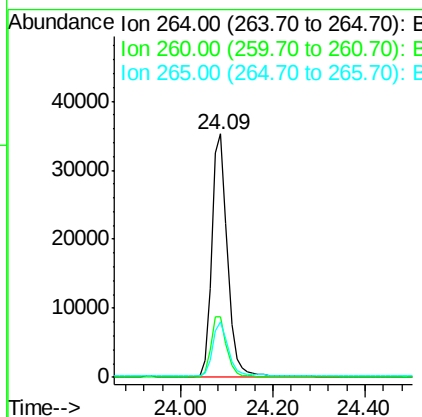
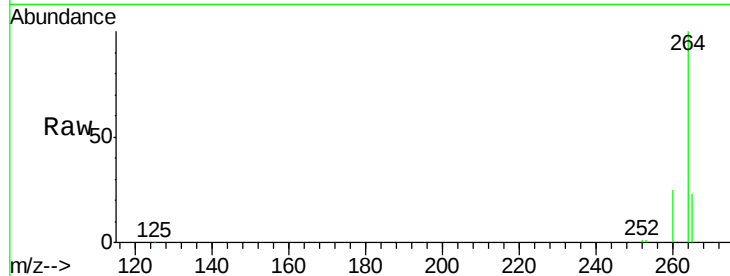




#31
Pervlene-d12
Concen: 5.00 ng
RT: 24.09 min Scan# 1544
Delta R.T. 0.00 min
Lab File: BE092503.D
Acq: 8 Nov 2016 11:30

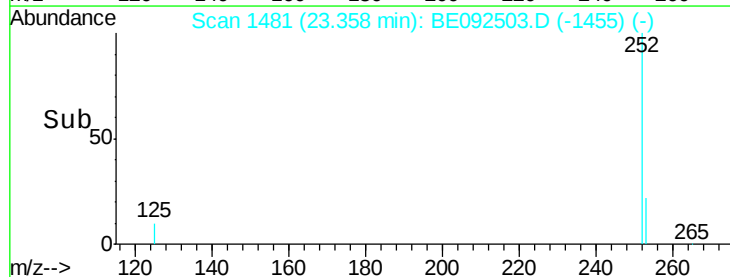
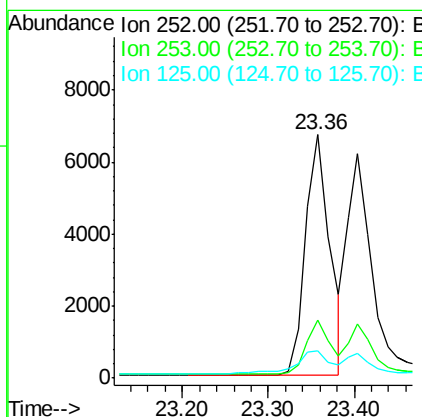
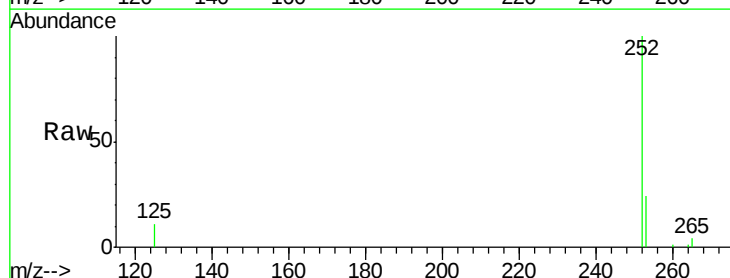
Instrument :
BNA_E
ClientSampleId :

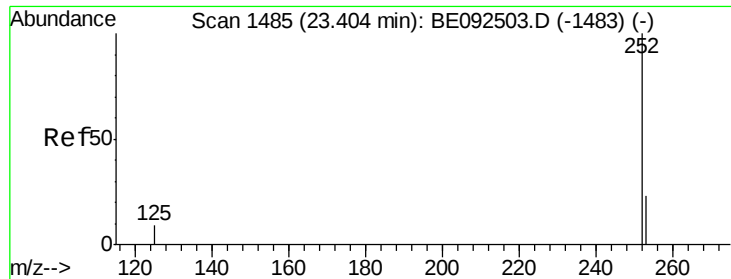
Tot Ion:264 Resp: 83771
Ion Ratio Lower Upper
264 100
260 24.9 20.1 30.1
265 22.9 17.9 26.9



#32
Benzo(b)fluoranthene
Concen: 0.63 ng
RT: 23.36 min Scan# 1481
Delta R.T. 0.00 min
Lab File: BE092503.D
Acq: 8 Nov 2016 11:30

Tgt Ion:252 Resp: 13126
Ion Ratio Lower Upper
252 100
253 23.6 18.7 28.1
125 11.4 10.5 15.7





#33

Benzo(k)fluoranthene

Concen: 0.63 ng

RT: 23.40 min Scan# 1485

Delta R.T. 0.00 min

Lab File: BE092503.D

Acq: 8 Nov 2016 11:30

Instrument :

BNA_E

ClientSampleId :

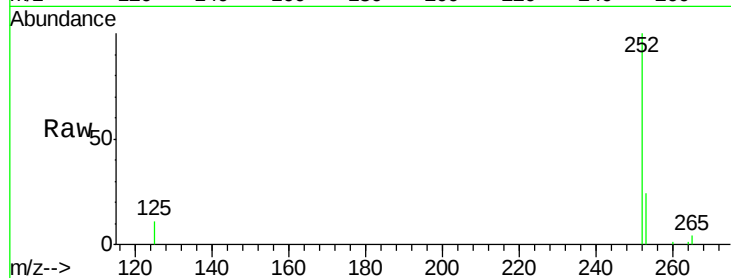
Tot Ion:252 Resp: 13006

Ion Ratio Lower Upper

252 100

253 23.9 20.3 30.5

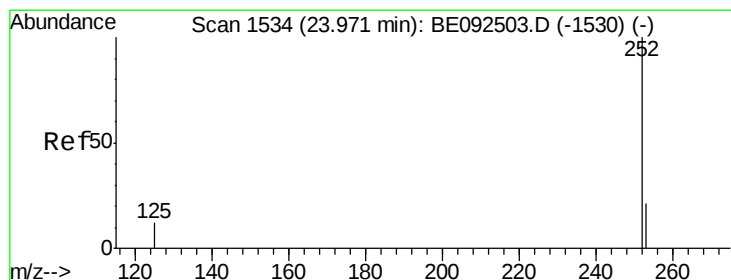
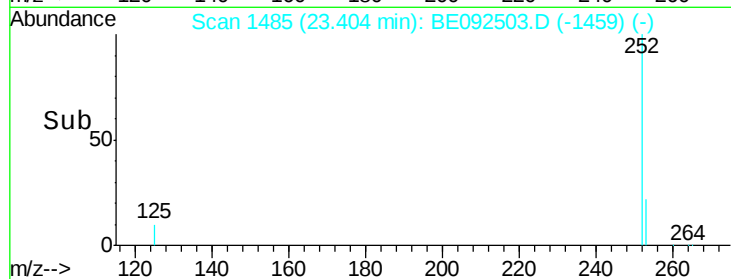
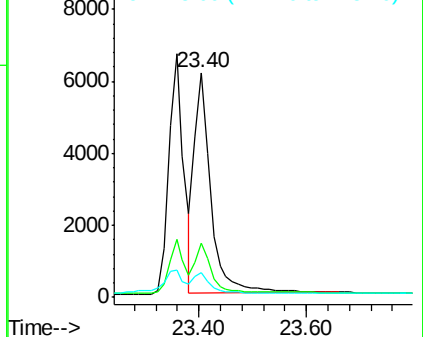
125 11.2 9.6 14.4



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: 0.44 ng

RT: 23.97 min Scan# 1534

Delta R.T. 0.00 min

Lab File: BE092503.D

Acq: 8 Nov 2016 11:30

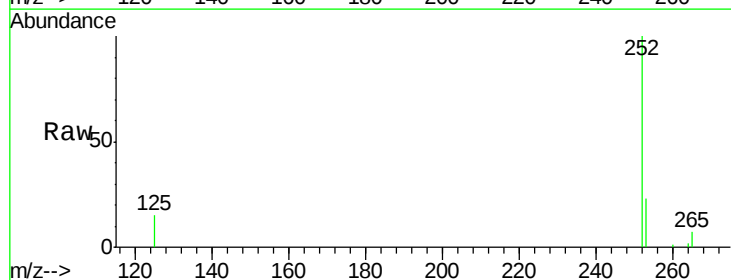
Tgt Ion:252 Resp: 8374

Ion Ratio Lower Upper

252 100

253 23.4 19.0 28.6

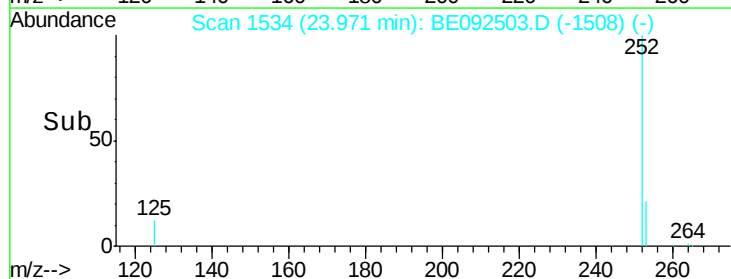
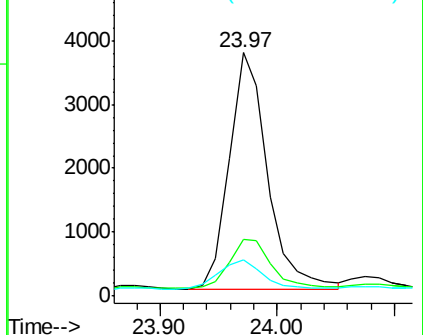
125 14.8 11.8 17.8

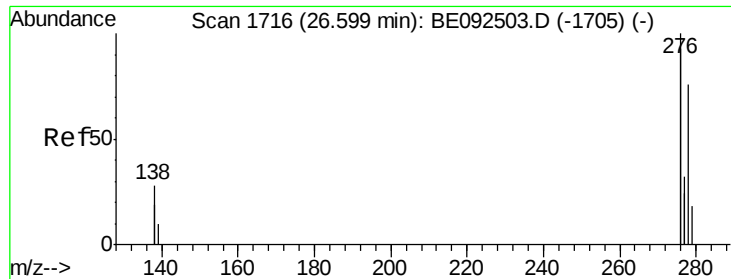


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



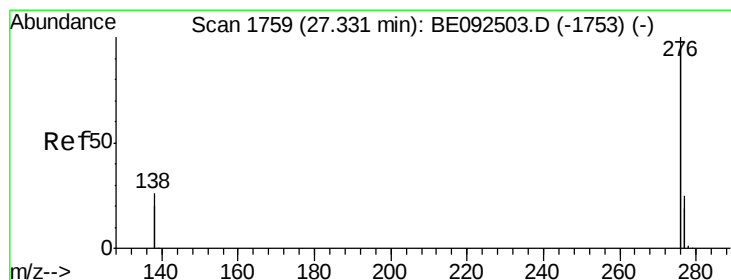
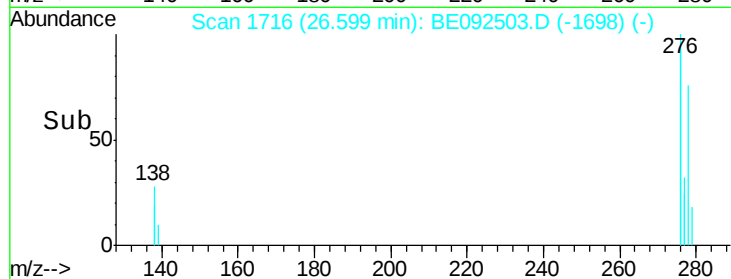
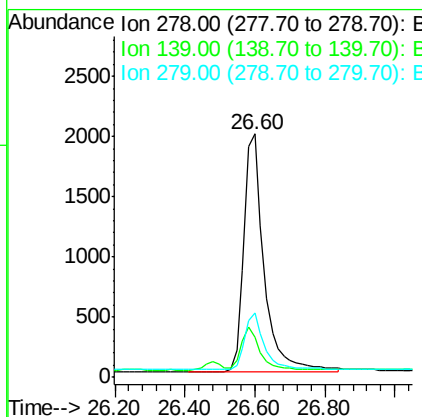
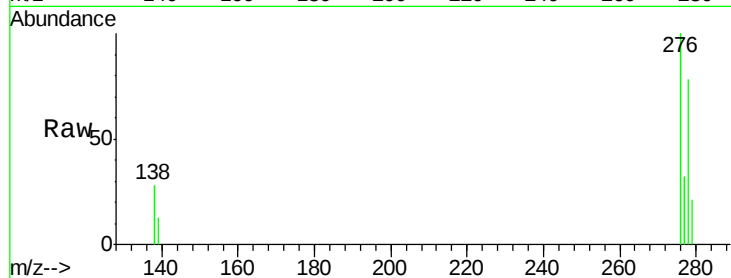


#35
Dibenzo(a,h)anthracene
Concen: 0.45 ng
RT: 26.60 min Scan# 1716
Delta R.T. 0.00 min
Lab File: BE092503.D
Acq: 8 Nov 2016 11:30

Instrument :
BNA_E
ClientSampleId :

Tot Ion:278 Resp: 7952

Ion	Ratio	Lower	Upper
278	100		
139	16.3	13.8	20.8
279	26.4	21.4	32.2



#36
Benzo(g,h,i)perylene
Concen: 0.43 ng
RT: 27.33 min Scan# 1759
Delta R.T. 0.00 min
Lab File: BE092503.D
Acq: 8 Nov 2016 11:30

Tgt Ion:276 Resp: 32627

Ion	Ratio	Lower	Upper
276	100		
277	24.5	19.8	29.8
138	26.1	19.8	29.6

