

Data Path : Z:\HPCHEM1\BNA E\DATA\BE050517\
 Data File : BE092957.D
 Acq On : 6 May 2017 8:12
 Operator : SJ/MA
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: May 08 04:29:46 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE050517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 05 14:05:07 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	719	0.40	ng	0.00
7) Naphthalene-d8	10.53	136	3501	0.40	ng	0.00
13) Acenaphthene-d10	14.39	164	1807	0.40	ng	0.00
19) Phenanthrene-d10	17.13	188	4422	0.40	ng	0.00
26) Chrysene-d12	21.28	240	5448	0.40	ng	0.00
33) Perylene-d12	23.70	264	4756	0.40	ng	0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.37	112	920	0.57	ng	0.01
5) Phenol-d6	6.94	99	1399	0.62	ng	0.00
8) Nitrobenzene-d5	8.90	82	1273	0.54	ng	0.00
11) 2-Methylnaphthalene-d10	12.13	152	2031	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.88	330	227	0.80	ng	0.01
15) 2-Fluorobiphenyl	13.01	172	2882	0.35	ng	0.00
24) Fluoranthene-d10	19.15	212	5108	0.50	ng	0.00
28) Terphenyl-d14	19.74	244	3204	0.34	ng	0.00

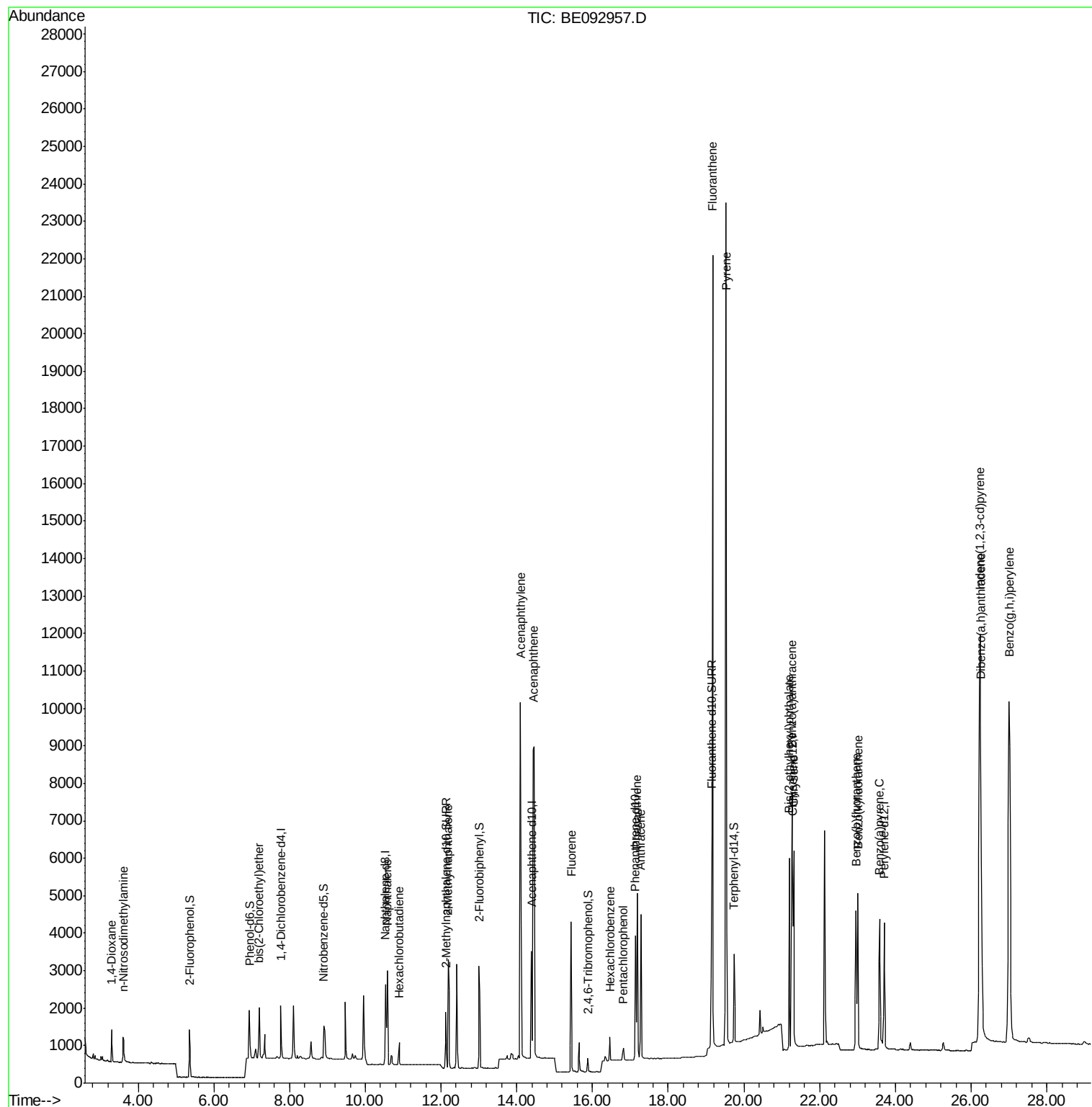
Target Compounds						Qvalue
2) 1,4-Dioxane	3.30	88	522	0.38	ng	98
3) n-Nitrosodimethylamine	3.60	42	504	0.47	ng	# 85
6) bis(2-Chloroethyl)ether	7.20	93	1117	0.42	ng	99
9) Naphthalene	10.58	128	3516	0.38	ng	# 86
10) Hexachlorobutadiene	10.89	225	468	0.37	ng	97
12) 2-Methylnaphthalene	12.19	142	2265	0.40	ng	94
16) Acenaphthylene	14.10	152	13083	0.46	ng	98
17) Acenaphthene	14.45	154	2280	0.40	ng	99
18) Fluorene	15.44	166	2809	0.40	ng	98
20) Hexachlorobenzene	16.47	284	771	0.41	ng	# 100
21) Pentachlorophenol	16.81	266	319	0.82	ng	# 77
22) Phenanthrene	17.18	178	5132	0.41	ng	98
23) Anthracene	17.27	178	4761	0.50	ng	99
25) Fluoranthene	19.17	202	25640	0.48	ng	# 98
27) Pyrene	19.53	202	27811	0.40	ng	# 100
29) Benzo(a)anthracene	21.27	228	5946	0.46	ng	# 83
30) Chrysene	21.32	228	5915	0.36	ng	# 83
31) Bis(2-ethylhexyl)phthalate	21.20	149	5316	1.52	ng	# 97
32) Indeno(1,2,3-cd)pyrene	26.24	276	23644	0.40	ng	98
34) Benzo(b)fluoranthene	22.96	252	5998	0.39	ng	# 89
35) Benzo(k)fluoranthene	23.01	252	5250	0.34	ng	# 85
36) Benzo(a)pyrene	23.58	252	5272	0.41	ng	# 78
37) Dibenzo(a,h)anthracene	26.25	278	5017	0.35	ng	# 83
38) Benzo(g,h,i)perylene	27.00	276	21098	0.35	ng	# 82

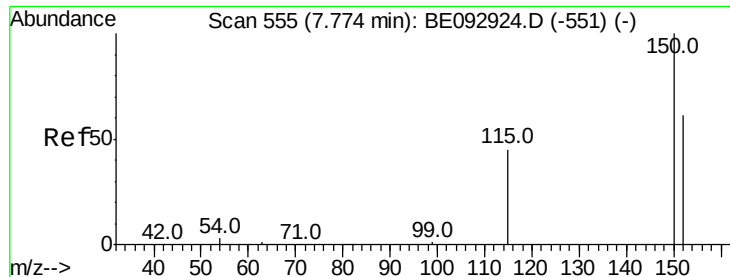
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE092957.D

Acq: 6 May 2017 8:12

Instrument :

BNA_E

ClientSampleId :

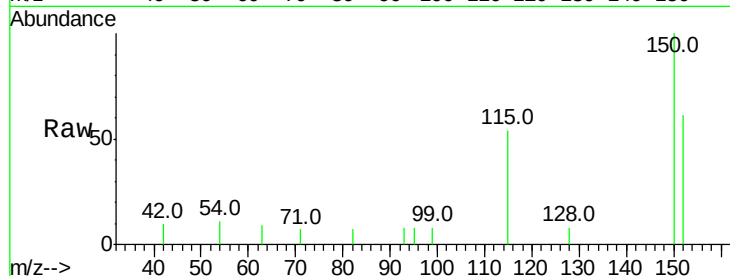
Tot Ion:152 Resp: 719

Ion Ratio Lower Upper

152 100

150 164.2 129.9 194.9

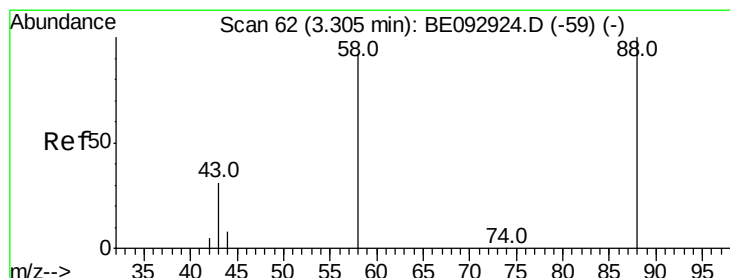
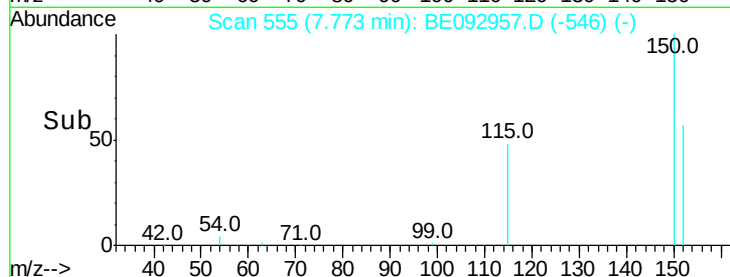
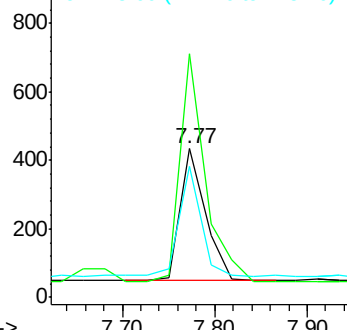
115 88.7 62.6 93.8



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



#2

1,4-Dioxane

Concen: 0.38 ng

RT: 3.30 min Scan# 62

Delta R.T. -0.00 min

Lab File: BE092957.D

Acq: 6 May 2017 8:12

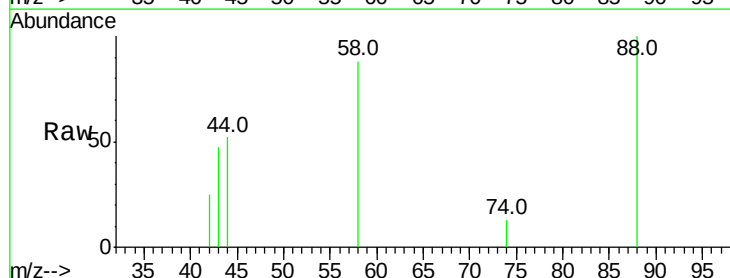
Tgt Ion: 88 Resp: 522

Ion Ratio Lower Upper

88 100

58 81.0 64.9 97.3

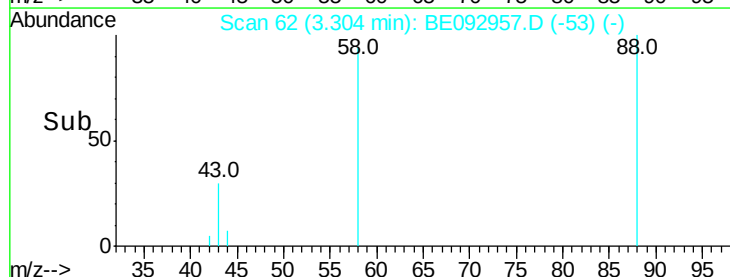
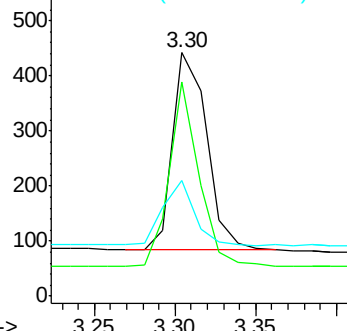
43 30.5 26.6 40.0

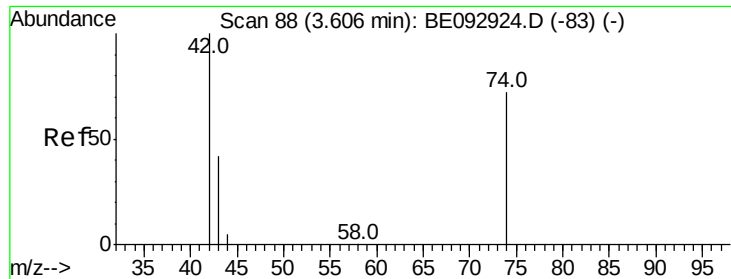


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.47 ng

RT: 3.60 min Scan# 88

Delta R.T. -0.00 min

Lab File: BE092957.D

Acq: 6 May 2017 8:12

Instrument :

BNA_E

ClientSampleId :

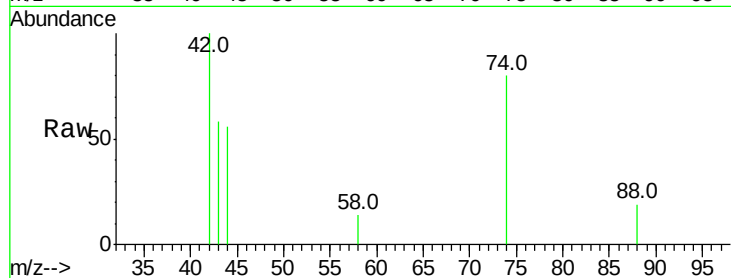
Tot Ion: 42 Resp: 504

Ion Ratio Lower Upper

42 100

74 124.4 106.6 160.0

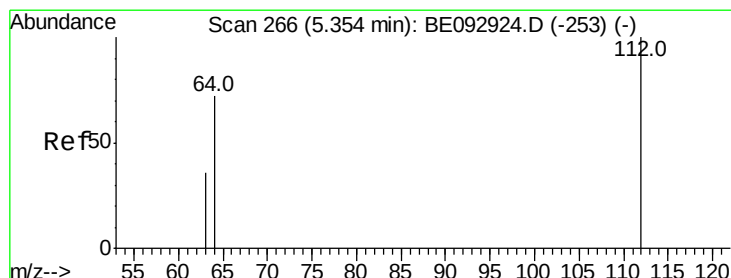
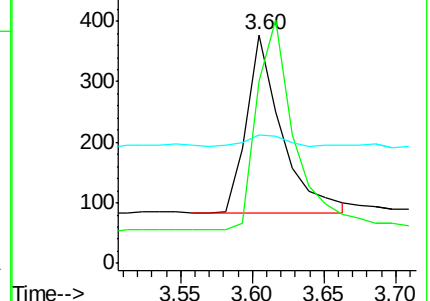
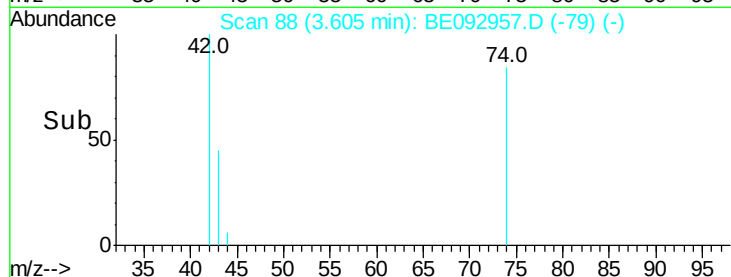
44 6.9 25.7 38.5#



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



#4

2-Fluorophenol

Concen: 0.57 ng

RT: 5.37 min Scan# 268

Delta R.T. 0.01 min

Lab File: BE092957.D

Acq: 6 May 2017 8:12

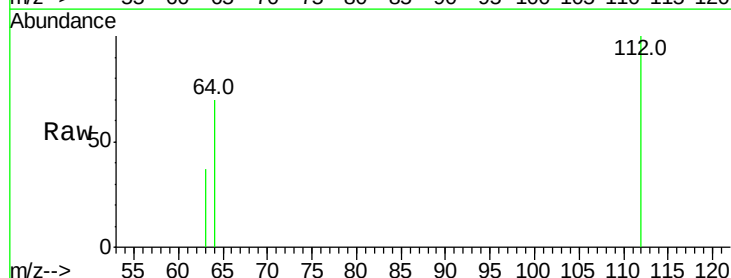
Tgt Ion: 112 Resp: 920

Ion Ratio Lower Upper

112 100

64 71.5 52.6 79.0

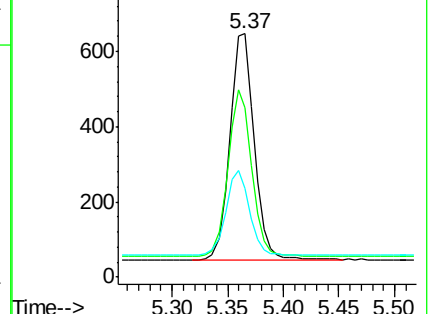
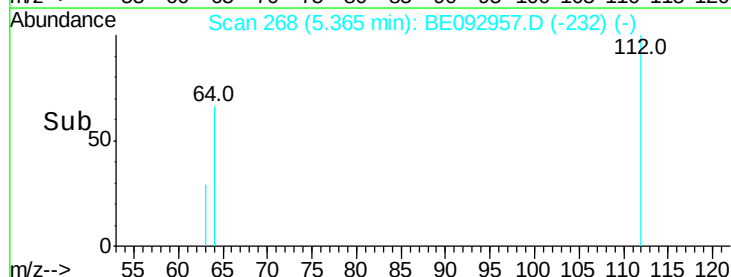
63 35.9 29.0 43.4

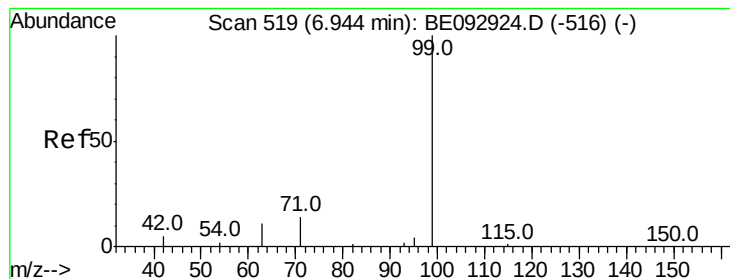


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.62 ng

RT: 6.94 min Scan# 519

Delta R.T. -0.00 min

Lab File: BE092957.D

Acq: 6 May 2017 8:12

Instrument :

BNA_E

ClientSampled :

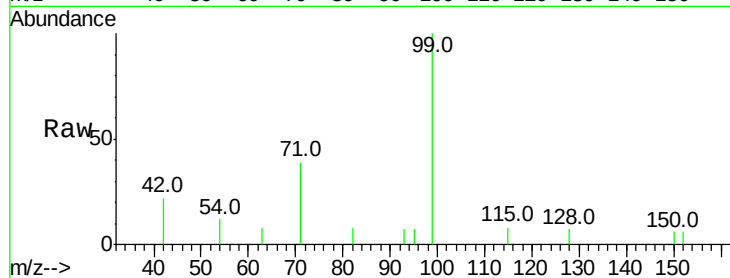
Tot Ion: 99 Resp: 1399

Ion Ratio Lower Upper

99 100

42 20.4 0.0 0.0#

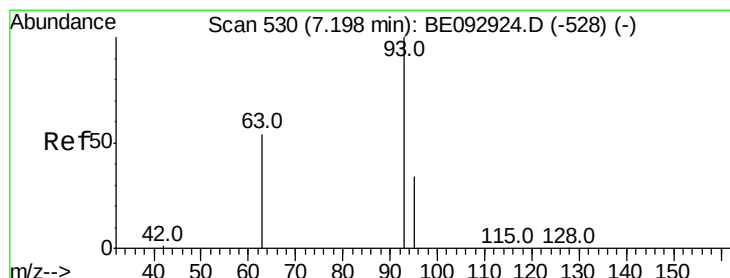
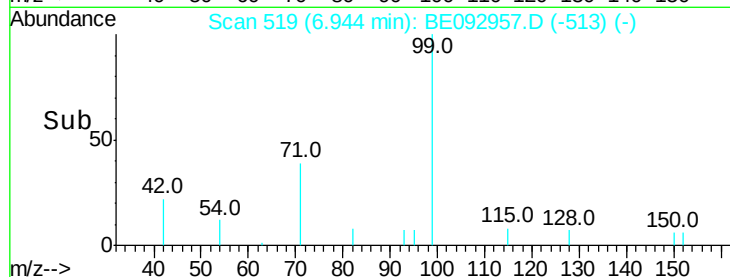
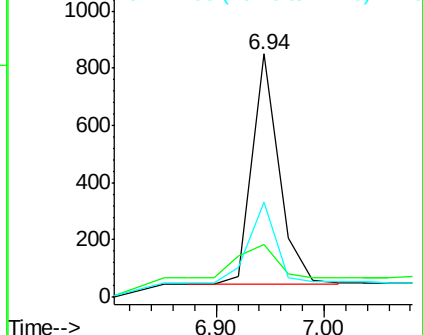
71 35.4 0.0 0.0#



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: 0.42 ng

RT: 7.20 min Scan# 530

Delta R.T. -0.00 min

Lab File: BE092957.D

Acq: 6 May 2017 8:12

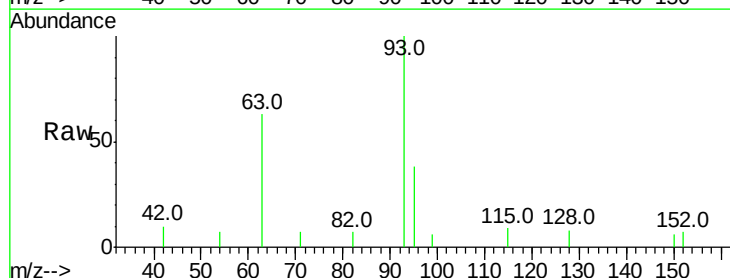
Tgt Ion: 93 Resp: 1117

Ion Ratio Lower Upper

93 100

63 76.2 61.2 91.8

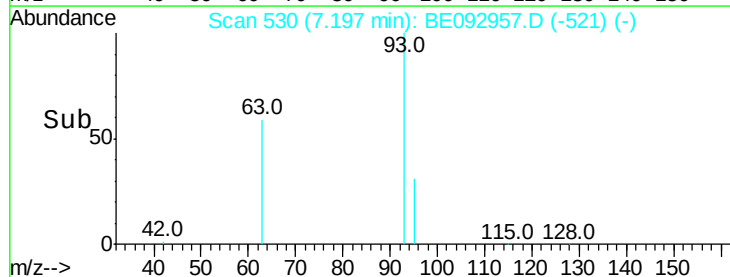
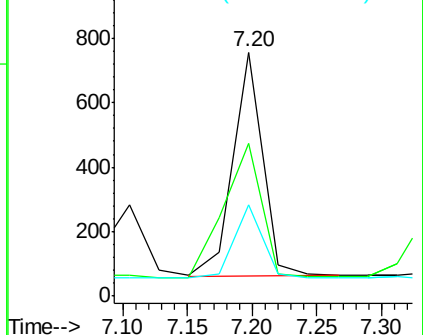
95 32.5 25.5 38.3

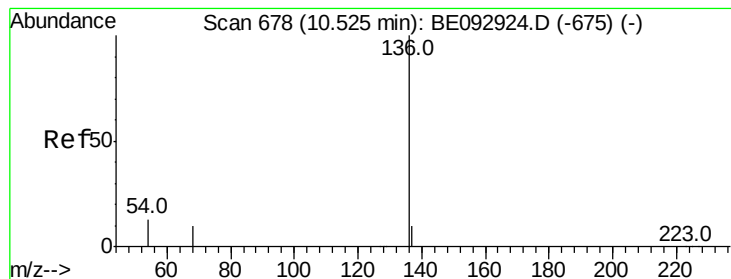


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.53 min Scan# 678

Delta R.T. 0.00 min

Lab File: BE092957.D

Acq: 6 May 2017 8:12

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 3501

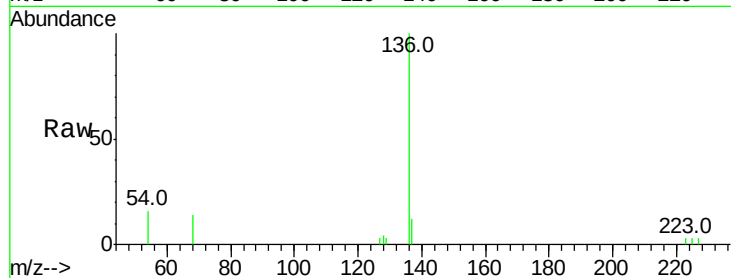
Ion Ratio Lower Upper

136 100

137 12.3 10.4 15.6

54 16.3 12.6 18.8

68 14.2 10.7 16.1

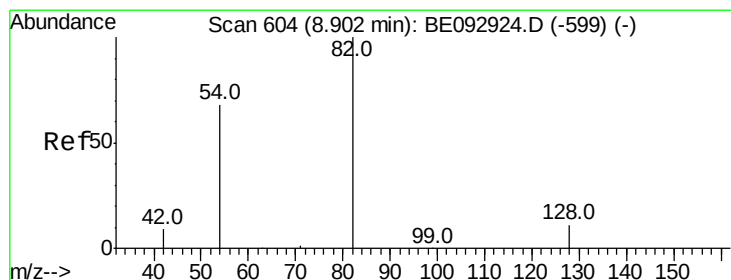
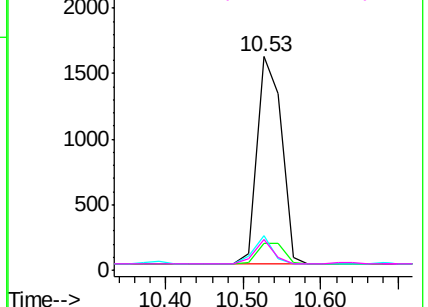
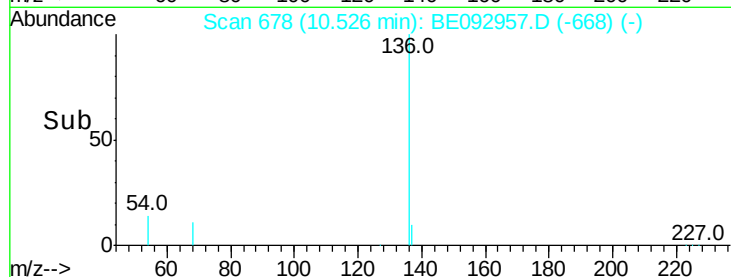


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.54 ng

RT: 8.90 min Scan# 604

Delta R.T. -0.00 min

Lab File: BE092957.D

Acq: 6 May 2017 8:12

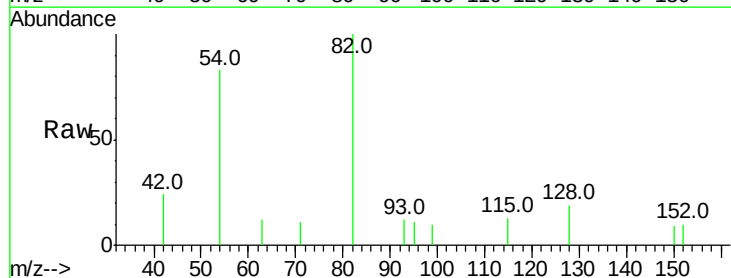
Tgt Ion: 82 Resp: 1273

Ion Ratio Lower Upper

82 100

128 19.2 35.3 52.9#

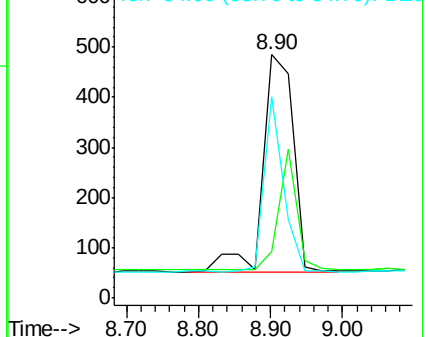
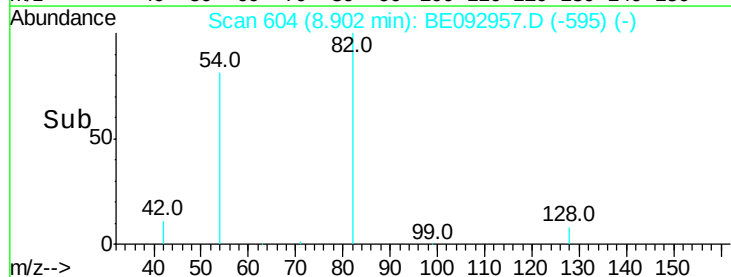
54 82.7 65.1 97.7

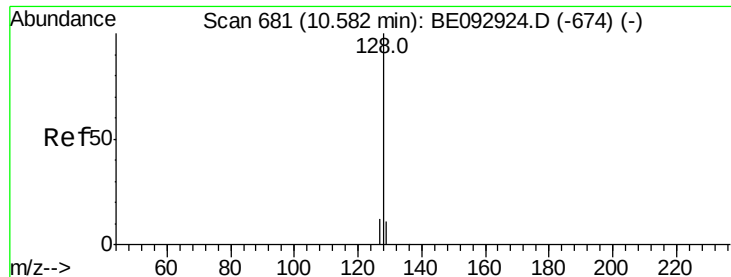


Abundance Ion 82.00 (81.70 to 82.70): BE0

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: BE092957.D

Acq: 6 May 2017 8:12

Instrument :

BNA_E

ClientSampled :

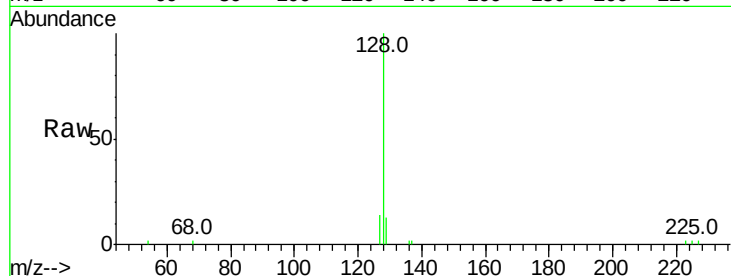
Tot Ion:128 Resp: 3516

Ion Ratio Lower Upper

128 100

129 13.3 15.8 23.8#

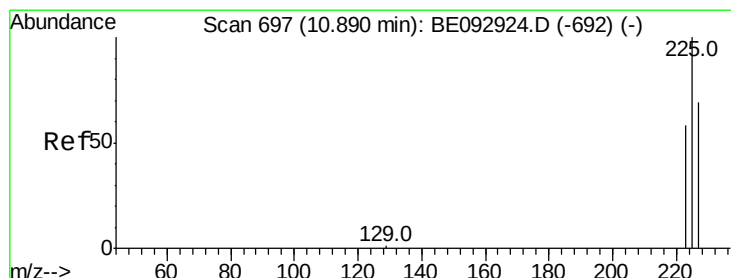
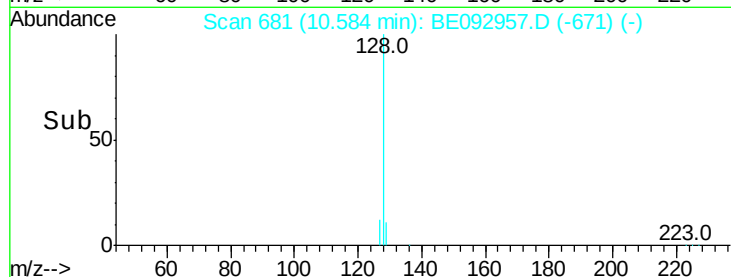
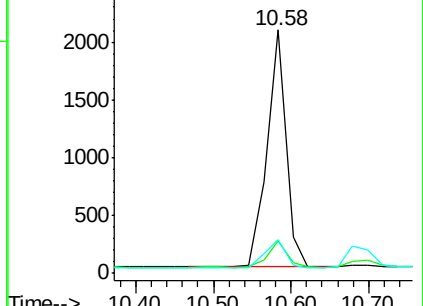
127 13.9 16.0 24.0#



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: 0.37 ng

RT: 10.89 min Scan# 697

Delta R.T. 0.00 min

Lab File: BE092957.D

Acq: 6 May 2017 8:12

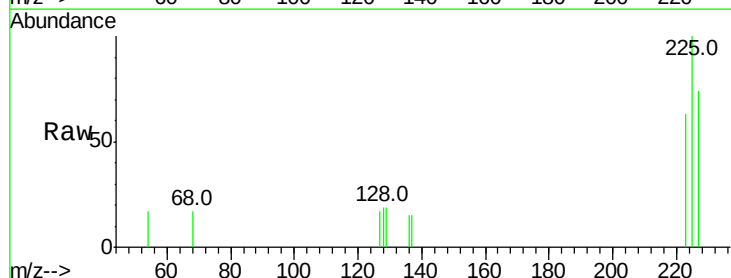
Tgt Ion:225 Resp: 468

Ion Ratio Lower Upper

225 100

223 64.5 55.4 83.2

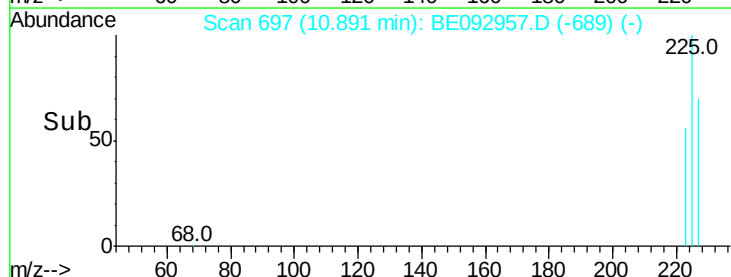
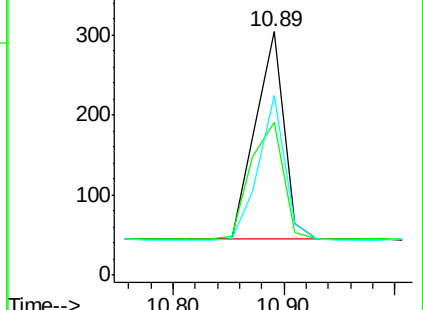
227 65.0 52.2 78.4

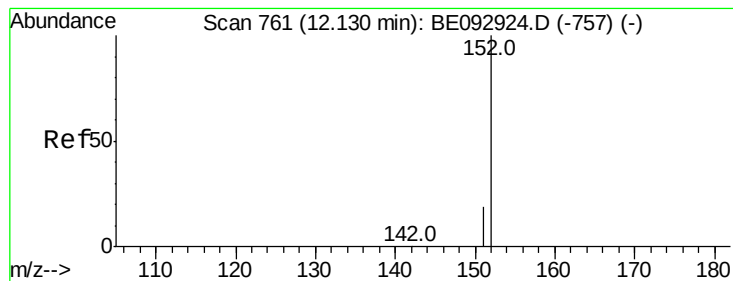


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

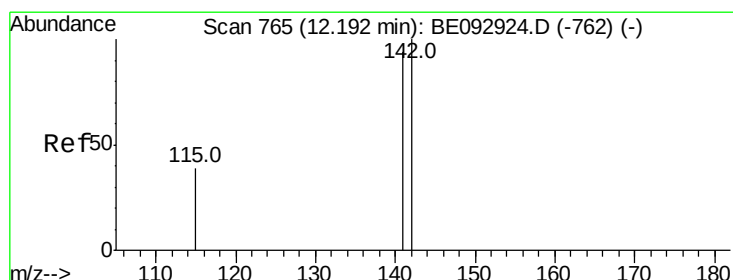
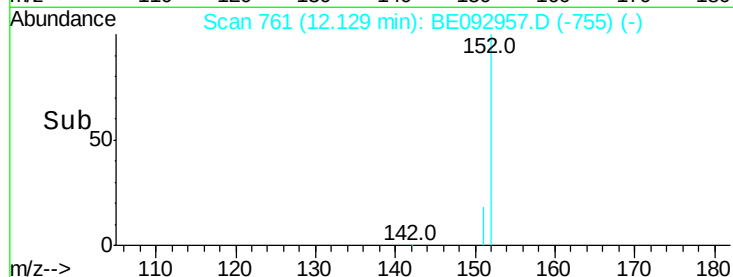
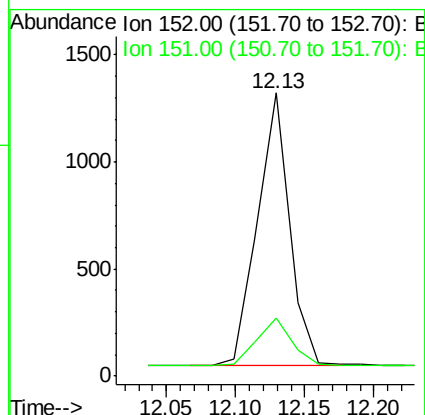
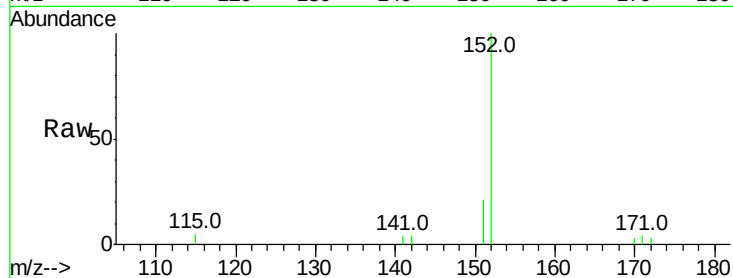




#11
2-Methylnaphthalene-d10
Concen: 0.39 ng
RT: 12.13 min Scan# 761
Delta R.T. -0.00 min
Lab File: BE092957.D
Acq: 6 May 2017 8:12

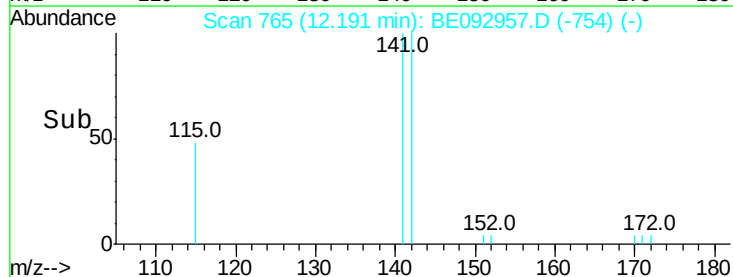
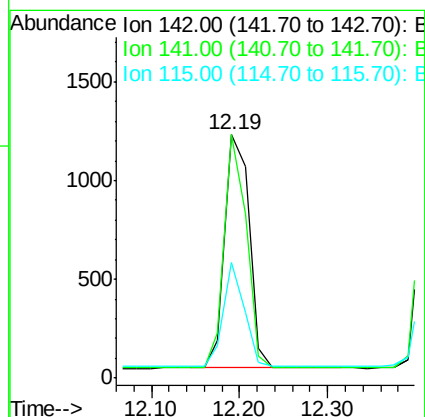
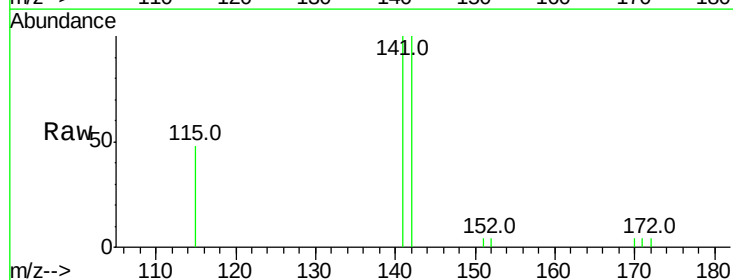
Instrument :
BNA_E
ClientSampleId :

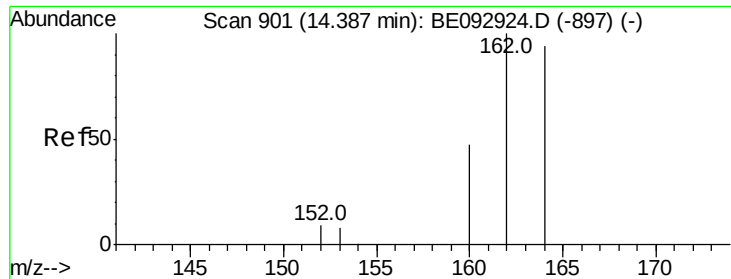
Tot Ion:152 Resp: 2031
Ion Ratio Lower Upper
152 100
151 19.3 15.7 23.5



#12
2-Methylnaphthalene
Concen: 0.40 ng
RT: 12.19 min Scan# 765
Delta R.T. -0.00 min
Lab File: BE092957.D
Acq: 6 May 2017 8:12

Tgt Ion:142 Resp: 2265
Ion Ratio Lower Upper
142 100
141 99.9 76.0 114.0
115 47.5 41.6 62.4

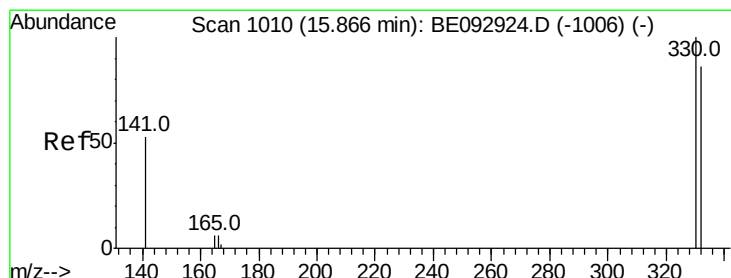
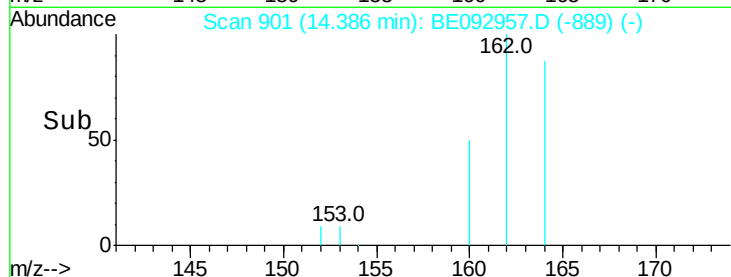
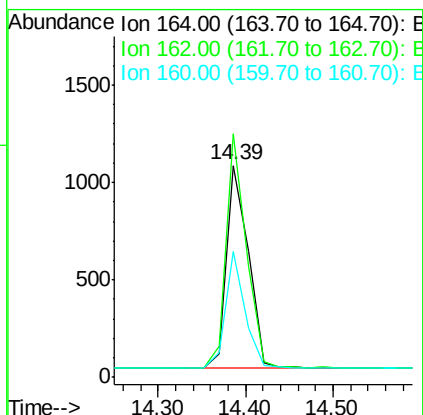
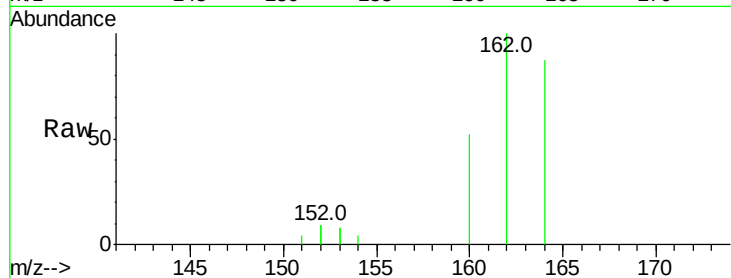




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.39 min Scan# 901
Delta R.T. -0.00 min
Lab File: BE092957.D
Acq: 6 May 2017 8:12

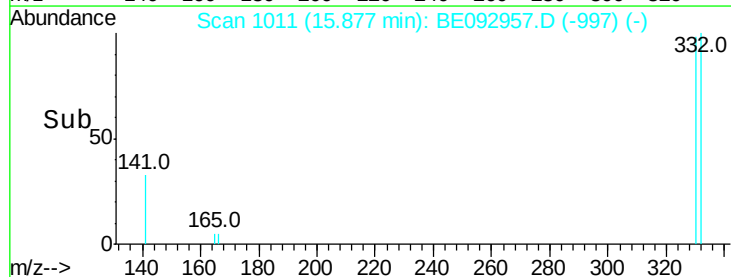
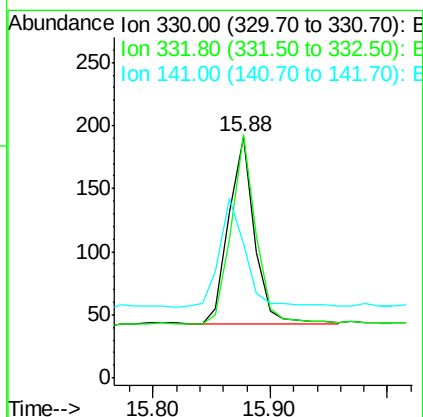
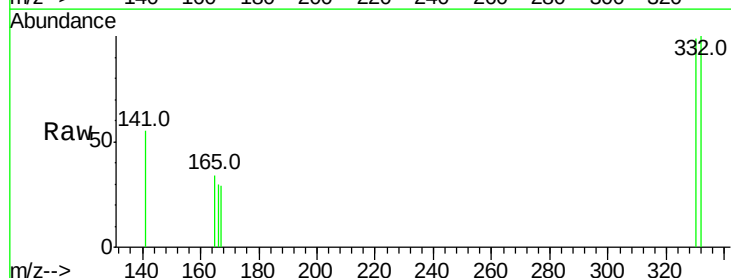
Instrument :
BNA_E
ClientSampleId :

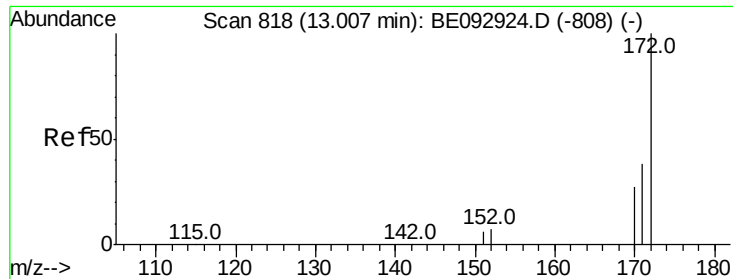
Tot Ion:164 Resp: 1807
Ion Ratio Lower Upper
164 100
162 114.9 86.6 130.0
160 59.4 44.5 66.7



#14
2,4,6-Tribromophenol
Concen: 0.80 ng
RT: 15.88 min Scan# 1011
Delta R.T. 0.01 min
Lab File: BE092957.D
Acq: 6 May 2017 8:12

Tgt Ion:330 Resp: 227
Ion Ratio Lower Upper
330 100
332 97.4 69.1 103.7
141 59.0 54.6 81.8

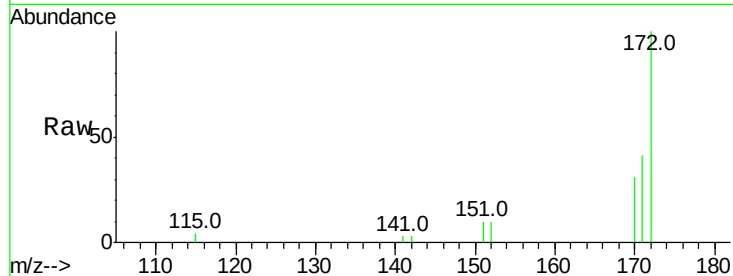




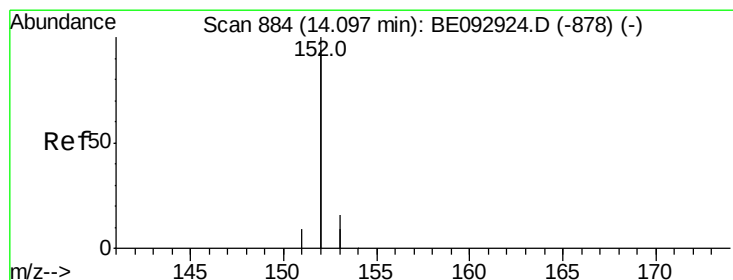
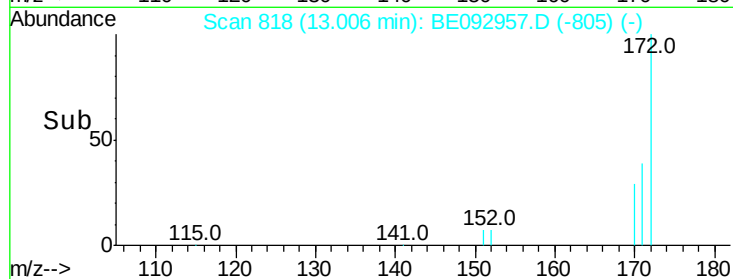
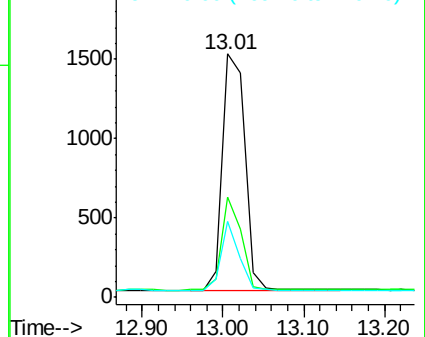
#15
2-Fluorobiphenyl
Concen: 0.35 ng
RT: 13.01 min Scan# 818
Delta R.T. -0.00 min
Lab File: BE092957.D
Acq: 6 May 2017 8:12

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 2882
Ion Ratio Lower Upper
172 100
171 41.0 35.8 53.6
170 31.2 28.5 42.7

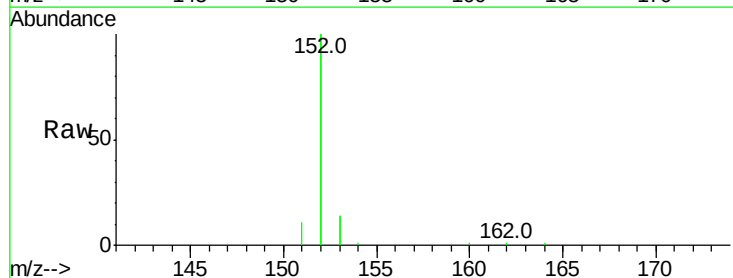


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

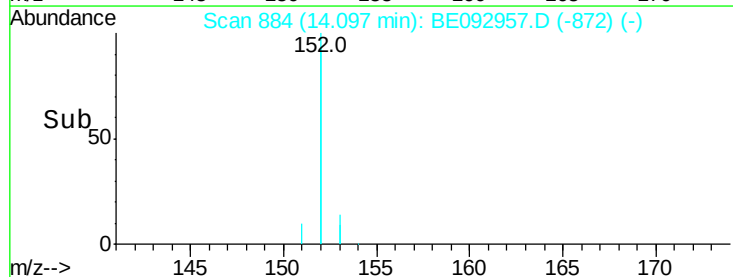
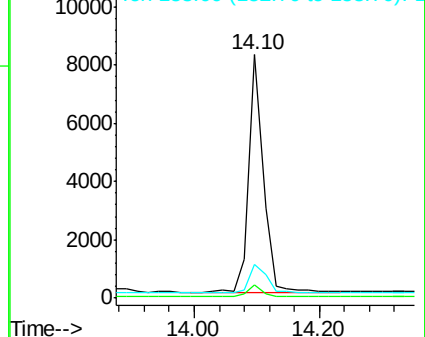


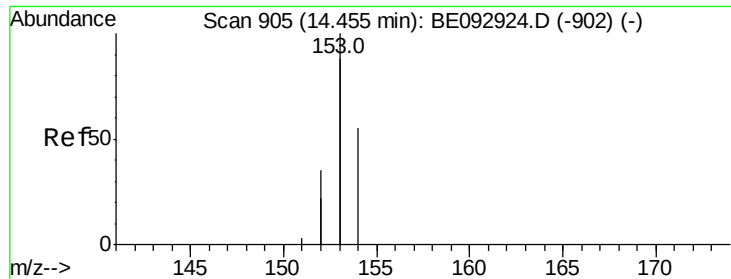
#16
Acenaphthylene
Concen: 0.46 ng
RT: 14.10 min Scan# 884
Delta R.T. -0.00 min
Lab File: BE092957.D
Acq: 6 May 2017 8:12

Tgt Ion:152 Resp: 13083
Ion Ratio Lower Upper
152 100
151 4.9 3.8 5.8
153 13.5 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

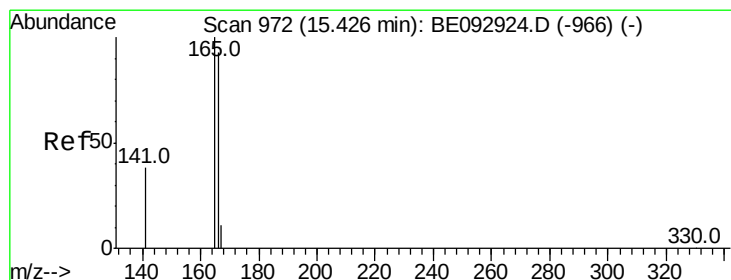
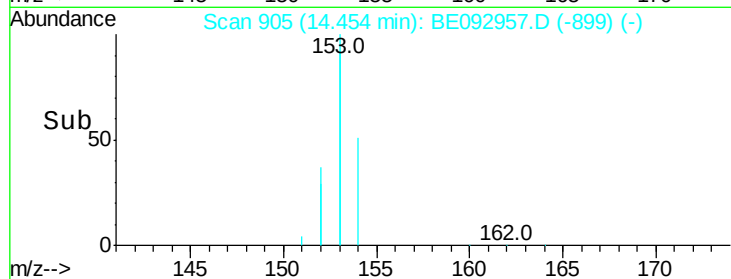
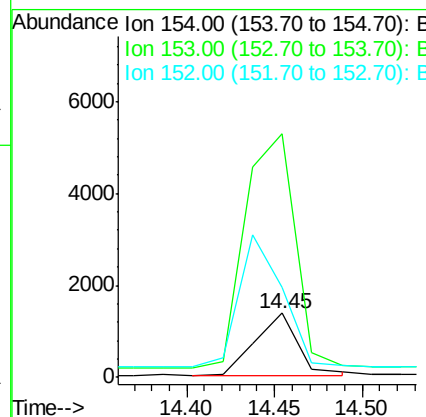
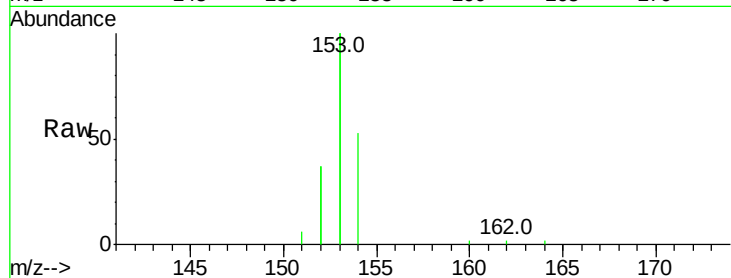




#17
Acenaphthene
Concen: 0.40 ng
RT: 14.45 min Scan# 905
Delta R.T. -0.00 min
Lab File: BE092957.D
Acq: 6 May 2017 8:12

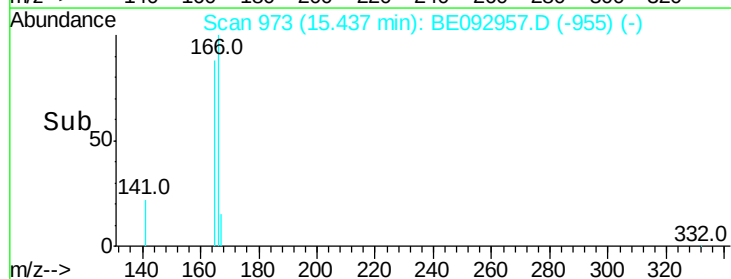
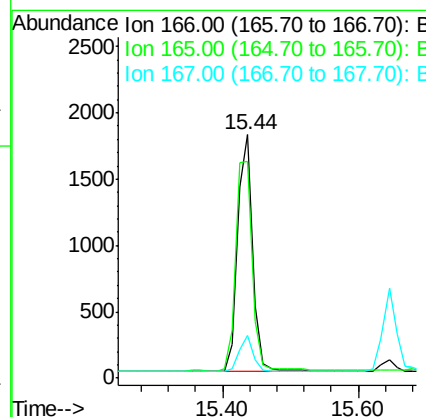
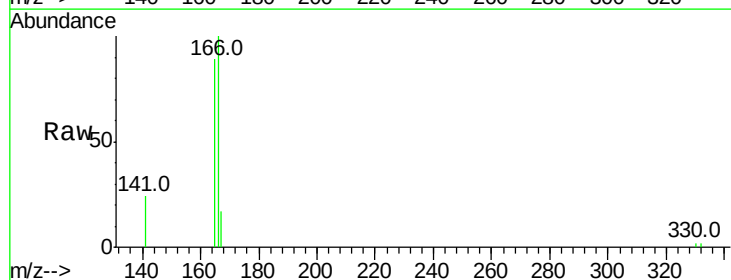
Instrument :
BNA_E
ClientSampleId :

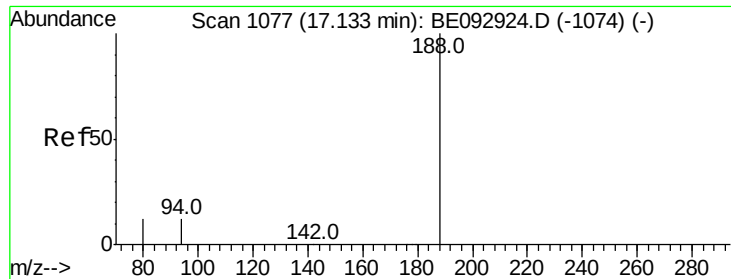
Tot Ion:154 Resp: 2280
Ion Ratio Lower Upper
154 100
153 446.8 355.6 533.4
152 223.0 177.8 266.8



#18
Fluorene
Concen: 0.40 ng
RT: 15.44 min Scan# 973
Delta R.T. 0.01 min
Lab File: BE092957.D
Acq: 6 May 2017 8:12

Tgt Ion:166 Resp: 2809
Ion Ratio Lower Upper
166 100
165 98.6 80.7 121.1
167 14.1 11.3 16.9





#19

Phenanthrene-d10

Concen: 0.40 ng

RT: 17.13 min Scan# 1078

Delta R.T. 0.00 min

Lab File: BE092957.D

Acq: 6 May 2017 8:12

Instrument :

BNA_E

ClientSampleId :

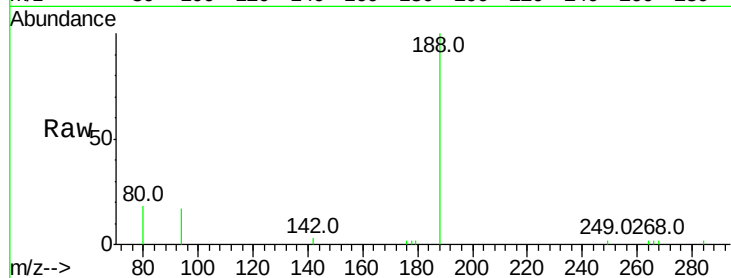
Tot Ion:188 Resp: 4422

Ion Ratio Lower Upper

188 100

94 16.9 10.2 15.4#

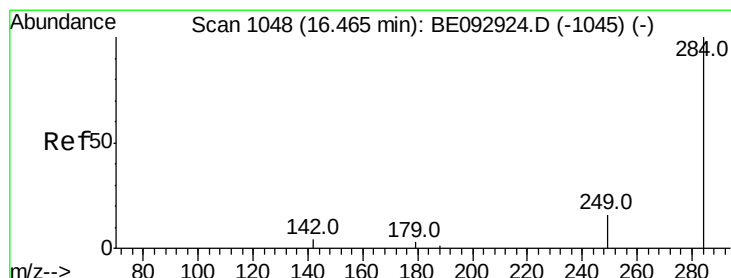
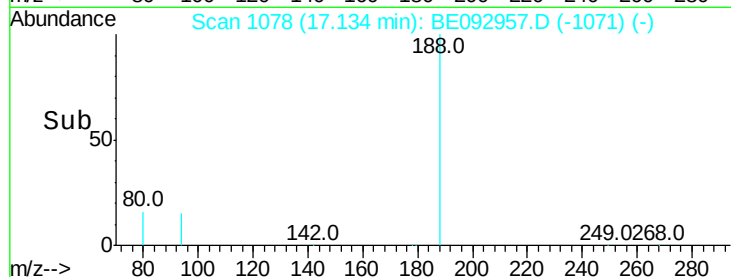
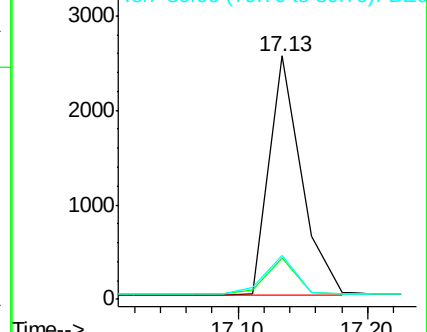
80 17.9 10.6 15.8#



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: 0.41 ng

RT: 16.47 min Scan# 1049

Delta R.T. 0.00 min

Lab File: BE092957.D

Acq: 6 May 2017 8:12

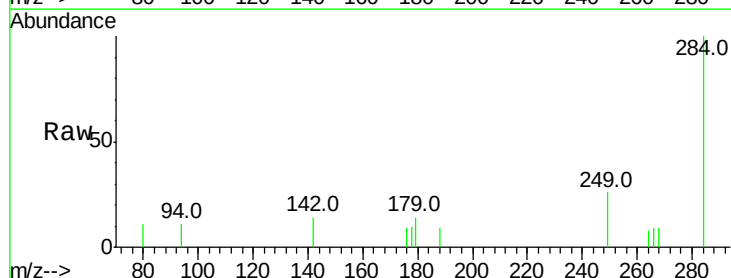
Tgt Ion:284 Resp: 771

Ion Ratio Lower Upper

284 100

142 0.0 0.0 0.0

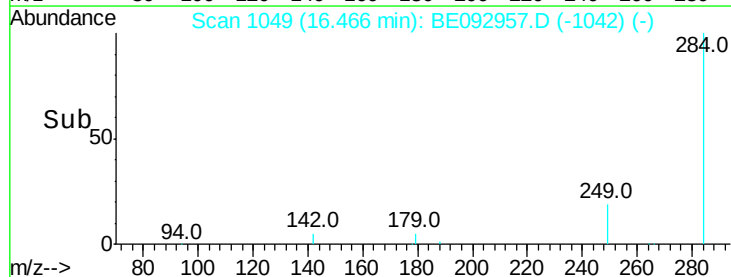
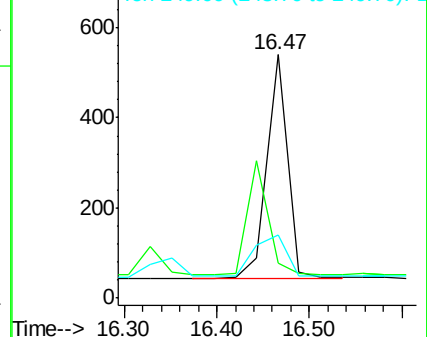
249 29.6 0.0 0.0#

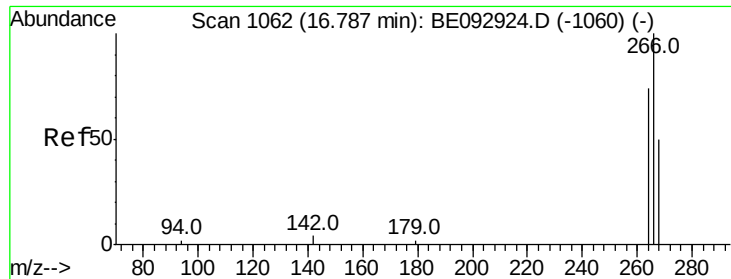


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

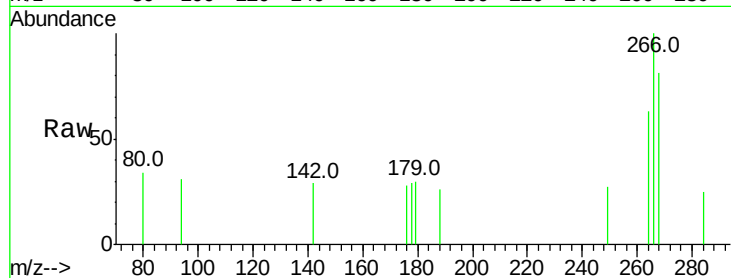




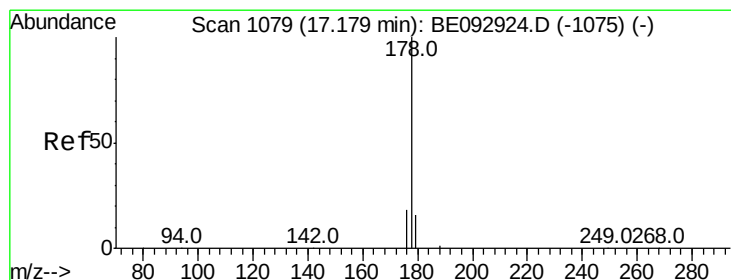
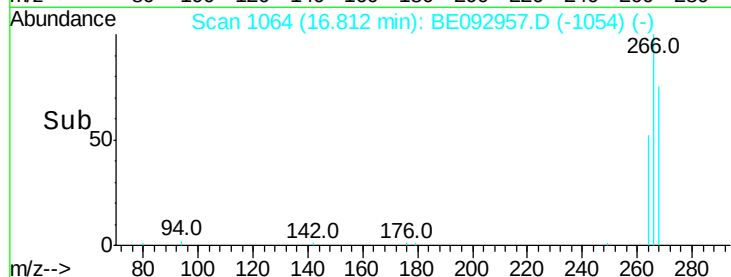
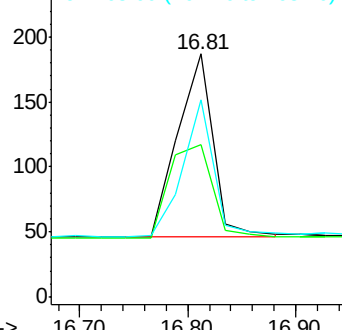
#21
 Pentachlorophenol
 Concen: 0.82 ng
 RT: 16.81 min Scan# 1064
 Delta R.T. 0.02 min
 Lab File: BE092957.D
 Acq: 6 May 2017 8:12

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:266 Resp: 319
 Ion Ratio Lower Upper
 266 100
 264 62.6 75.4 113.2#
 268 81.3 75.4 113.2

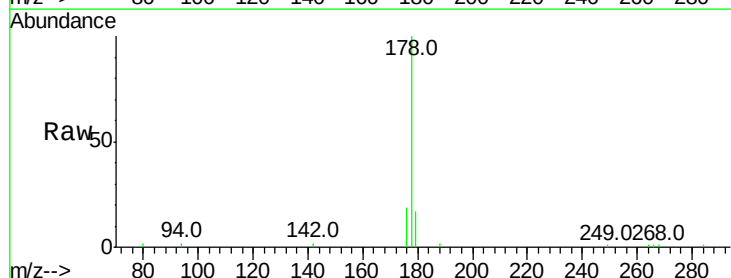


Abundance Ion 266.00 (265.70 to 266.70): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

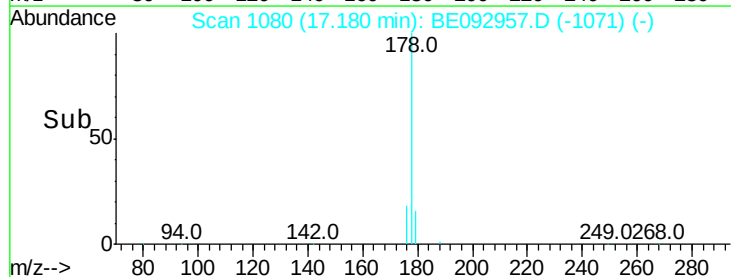
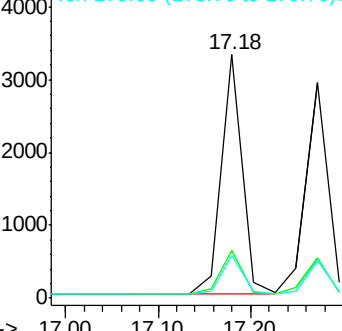


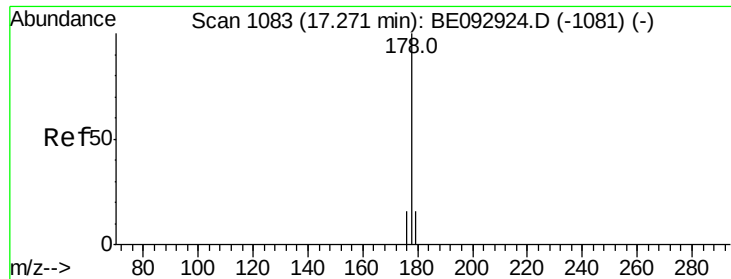
#22
 Phenanthrene
 Concen: 0.41 ng
 RT: 17.18 min Scan# 1080
 Delta R.T. 0.00 min
 Lab File: BE092957.D
 Acq: 6 May 2017 8:12

Tgt Ion:178 Resp: 5132
 Ion Ratio Lower Upper
 178 100
 176 18.8 14.2 21.4
 179 15.8 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: 0.50 ng

RT: 17.27 min Scan# 1084

Delta R.T. 0.00 min

Lab File: BE092957.D

Acq: 6 May 2017 8:12

Instrument :

BNA_E

ClientSampleId :

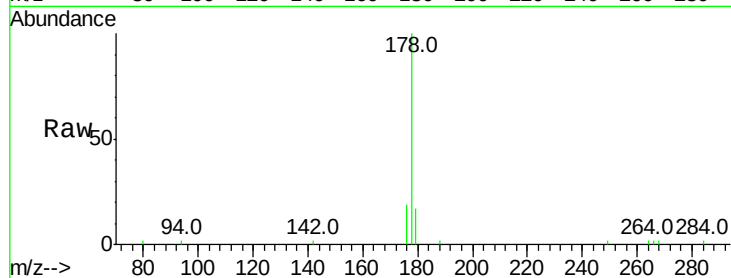
Tot Ion:178 Resp: 4761

Ion Ratio Lower Upper

178 100

176 18.3 14.7 22.1

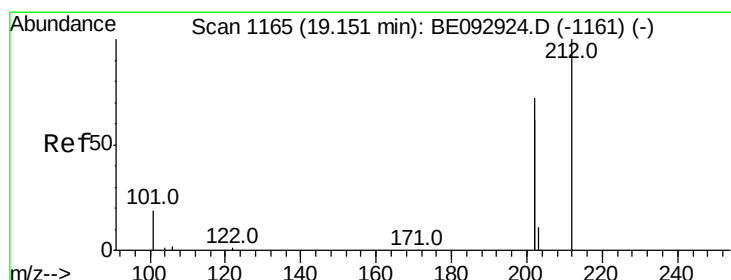
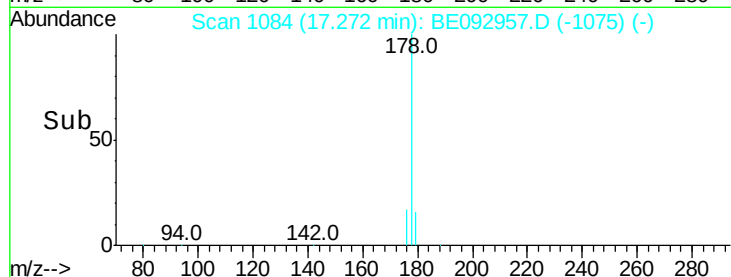
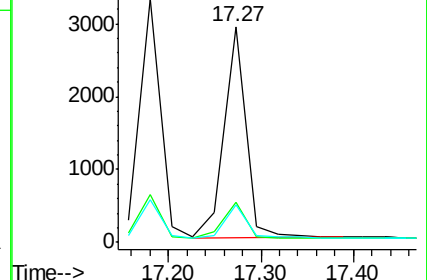
179 15.6 12.8 19.2



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: 0.50 ng

RT: 19.15 min Scan# 1165

Delta R.T. 0.00 min

Lab File: BE092957.D

Acq: 6 May 2017 8:12

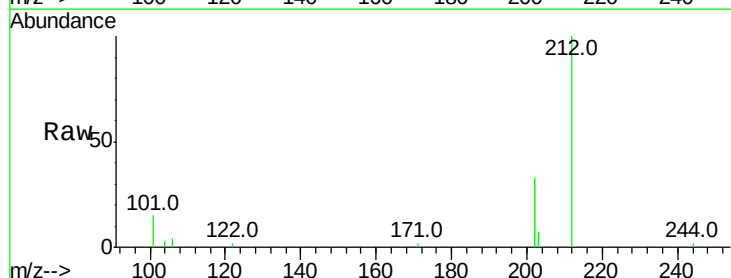
Tgt Ion:212 Resp: 5108

Ion Ratio Lower Upper

212 100

106 0.0 0.0 0.0

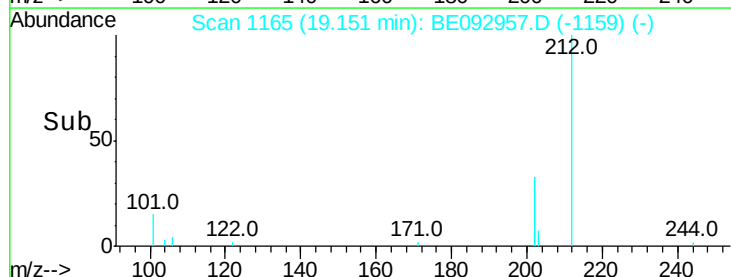
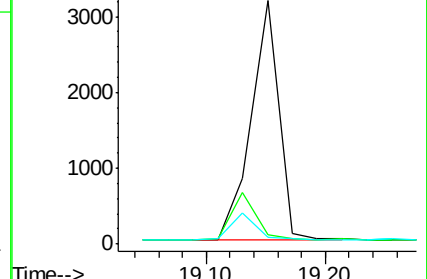
104 0.0 0.0 0.0

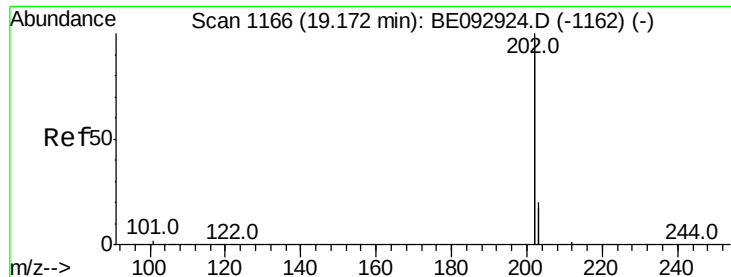


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E





#25

Fluoranthene

Concen: 0.48 ng

RT: 19.17 min Scan# 1166

Delta R.T. 0.00 min

Lab File: BE092957.D

Acq: 6 May 2017 8:12

Instrument :

BNA_E

ClientSampleId :

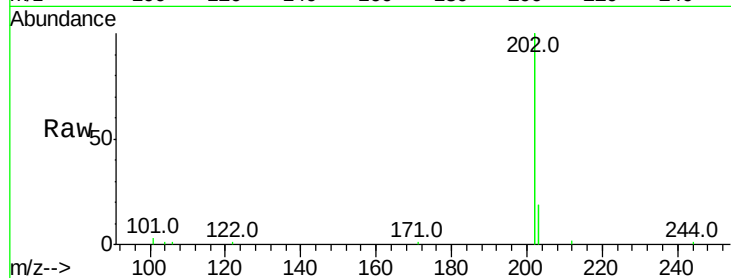
Tot Ion:202 Resp: 25640

Ion Ratio Lower Upper

202 100

101 0.0 0.0 0.0

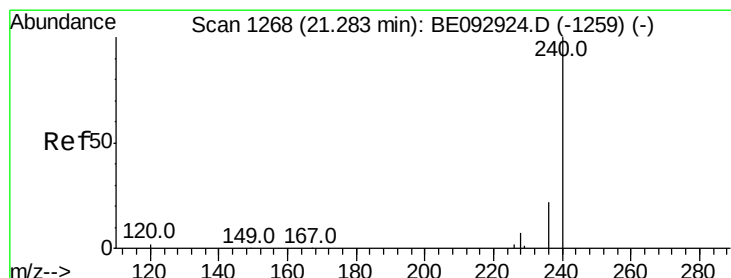
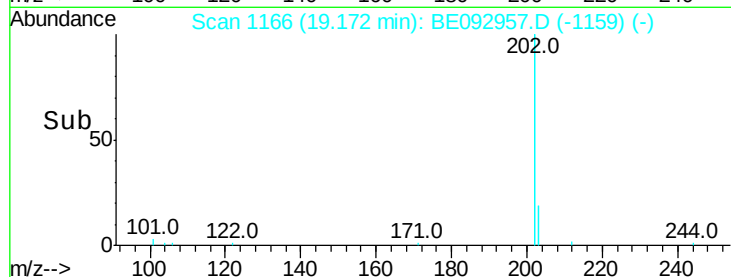
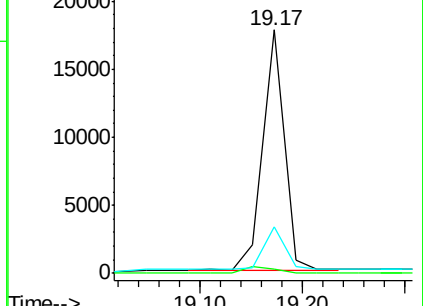
203 18.0 15.3 22.9



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# 1268

Delta R.T. 0.00 min

Lab File: BE092957.D

Acq: 6 May 2017 8:12

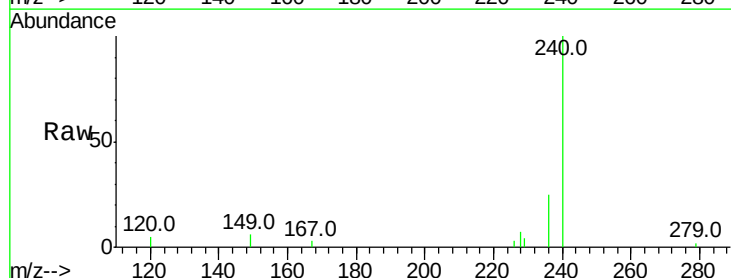
Tgt Ion:240 Resp: 5448

Ion Ratio Lower Upper

240 100

120 5.0 4.6 6.8

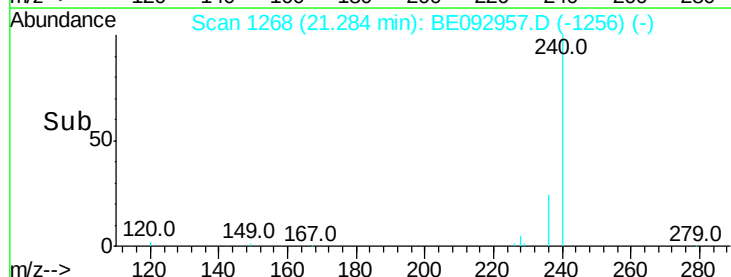
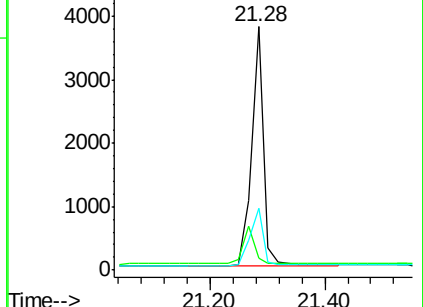
236 25.3 19.8 29.8

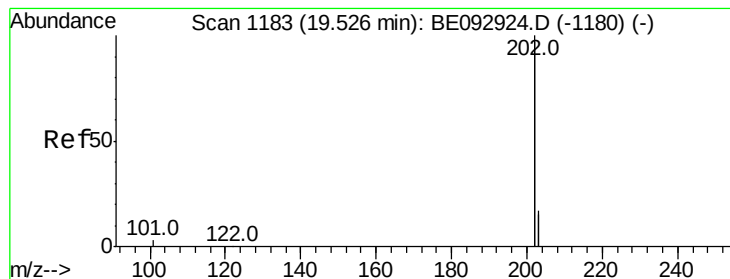


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#27

Pvrene

Concen: 0.40 ng

RT: 19.53 min Scan# 1183

Delta R.T. 0.00 min

Lab File: BE092957.D

Acq: 6 May 2017 8:12

Instrument :

BNA_E

ClientSampleId :

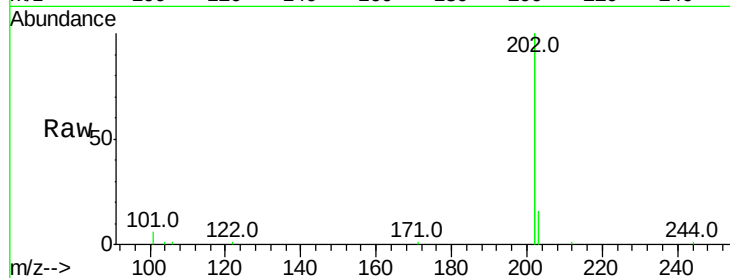
Tot Ion:202 Resp: 27811

Ion Ratio Lower Upper

202 100

200 0.0 0.0 0.0

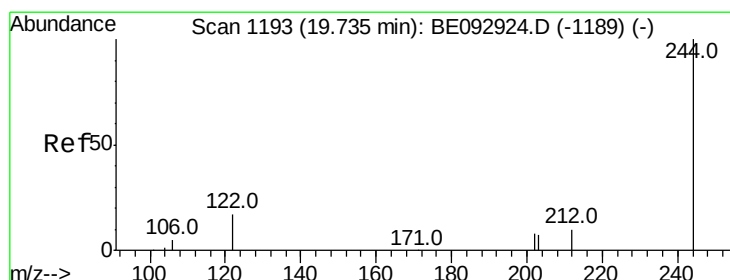
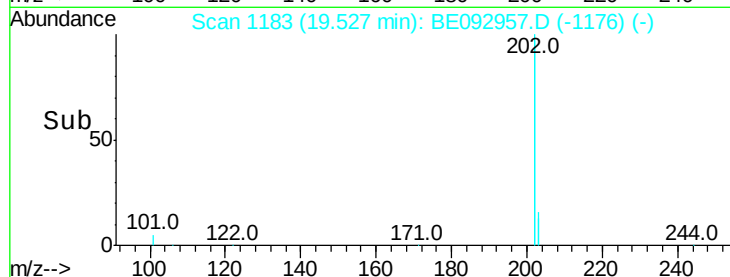
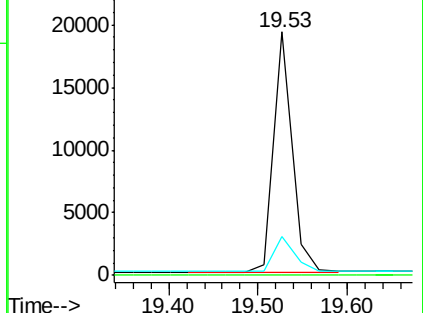
203 16.9 13.5 20.3



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



#28

Terphenyl-d14

Concen: 0.34 ng

RT: 19.74 min Scan# 1193

Delta R.T. 0.00 min

Lab File: BE092957.D

Acq: 6 May 2017 8:12

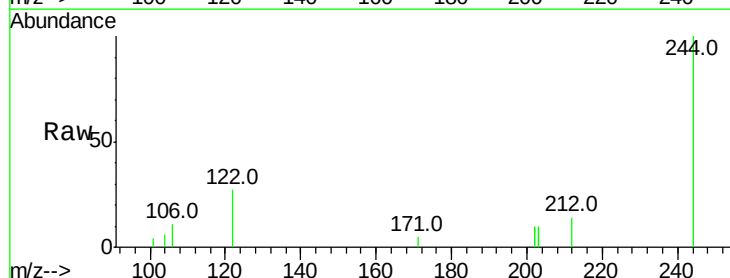
Tgt Ion:244 Resp: 3204

Ion Ratio Lower Upper

244 100

212 13.8 18.4 27.6#

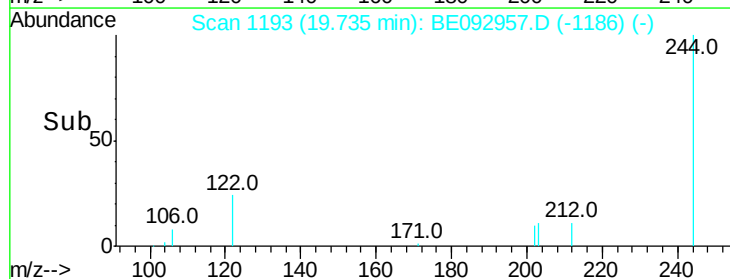
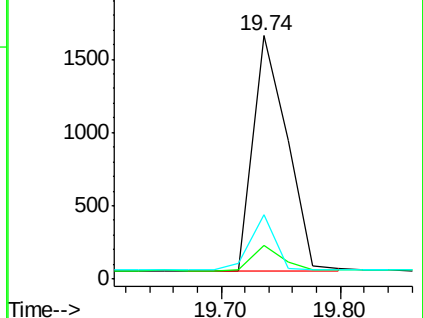
122 26.6 23.3 34.9

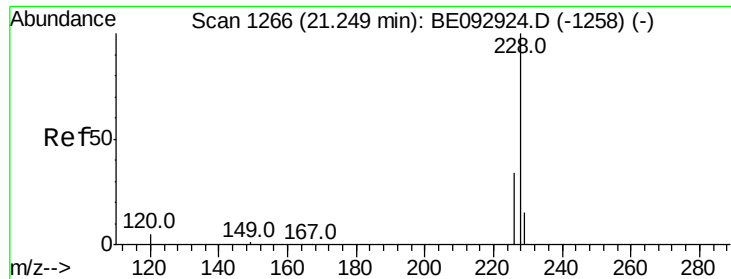


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#29

Benzo(a)anthracene

Concen: 0.46 ng

RT: 21.27 min Scan# 1267

Delta R.T. 0.02 min

Lab File: BE092957.D

Acq: 6 May 2017 8:12

Instrument :

BNA_E

ClientSampled :

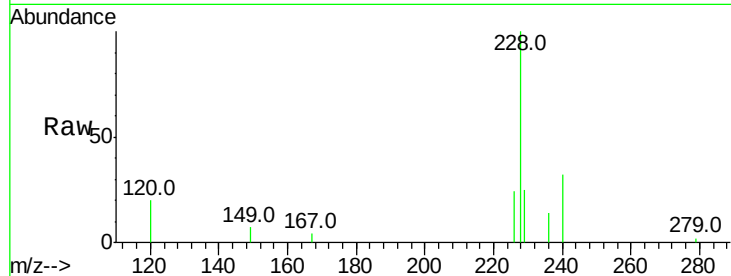
Tot Ion:228 Resp: 5946

Ion Ratio Lower Upper

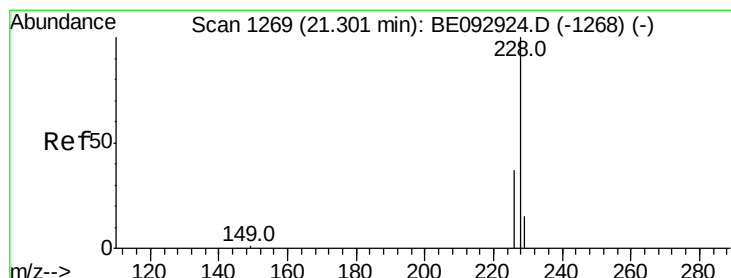
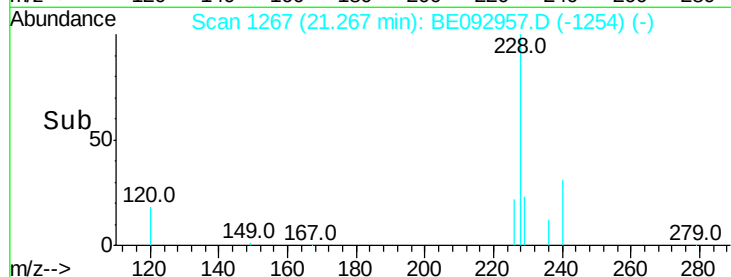
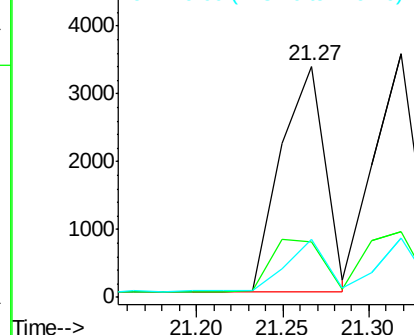
228 100

226 23.9 32.0 48.0#

229 24.9 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: 0.36 ng

RT: 21.32 min Scan# 1270

Delta R.T. 0.02 min

Lab File: BE092957.D

Acq: 6 May 2017 8:12

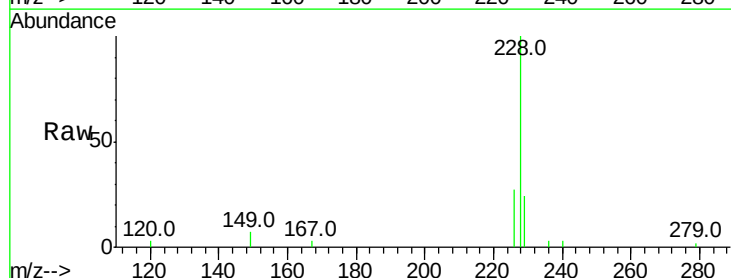
Tgt Ion:228 Resp: 5915

Ion Ratio Lower Upper

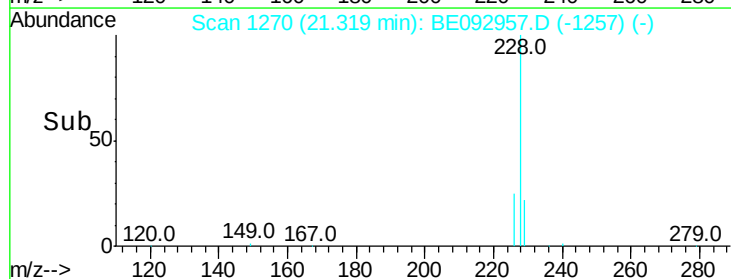
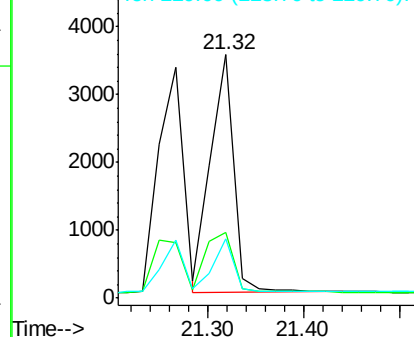
228 100

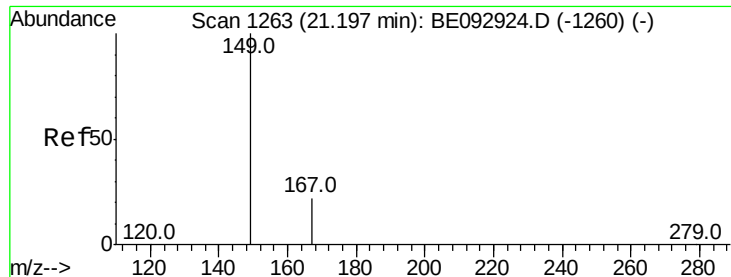
226 26.9 34.2 51.2#

229 24.4 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: 1.52 ng

RT: 21.20 min Scan# 1263

Delta R.T. 0.00 min

Lab File: BE092957.D

Acq: 6 May 2017 8:12

Instrument :

BNA_E

ClientSampleId :

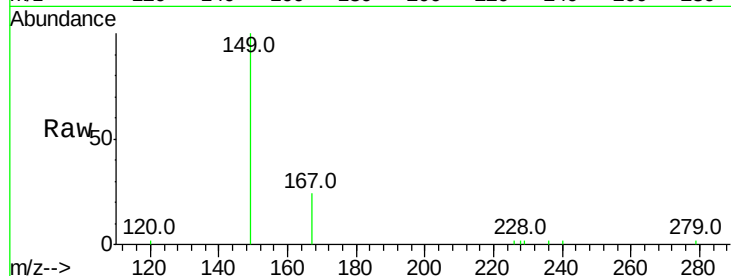
Tot Ion:149 Resp: 5316

Ion Ratio Lower Upper

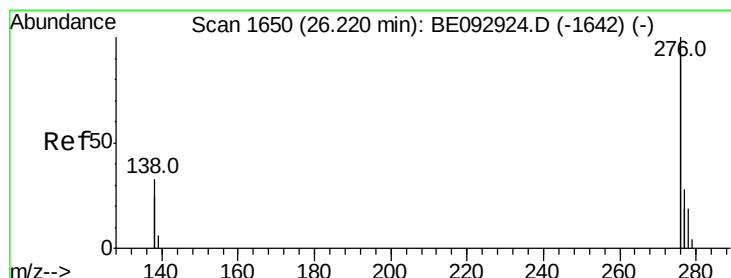
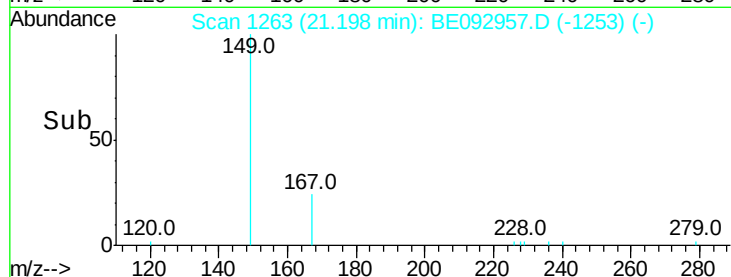
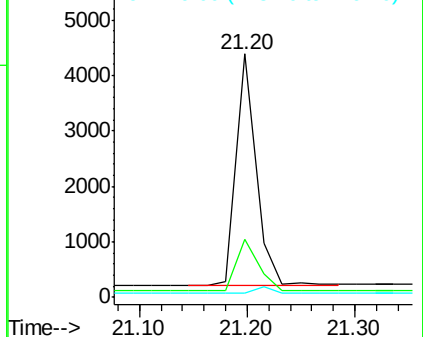
149 100

167 24.7 20.9 31.3

279 2.7 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: 0.40 ng

RT: 26.24 min Scan# 1651

Delta R.T. 0.02 min

Lab File: BE092957.D

Acq: 6 May 2017 8:12

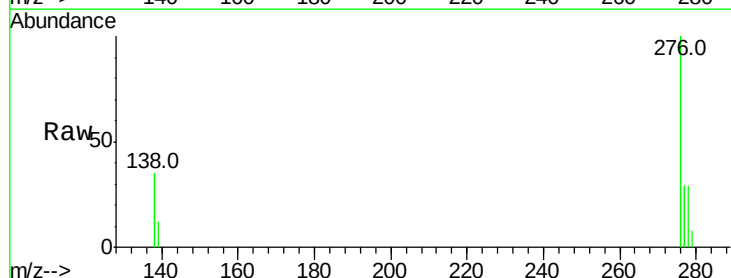
Tgt Ion:276 Resp: 23644

Ion Ratio Lower Upper

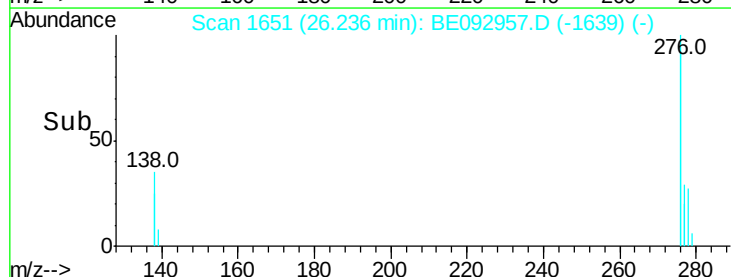
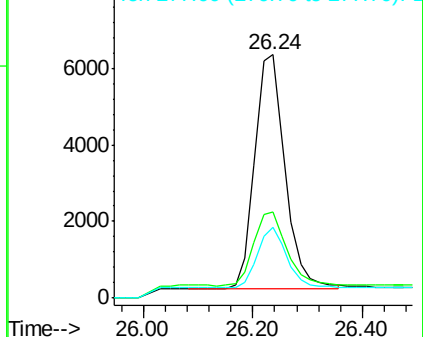
276 100

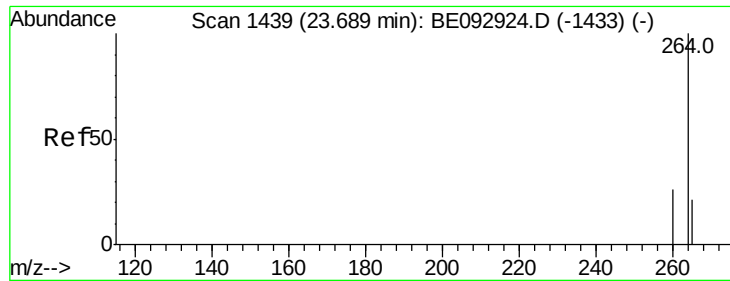
138 34.0 25.8 38.6

277 24.9 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

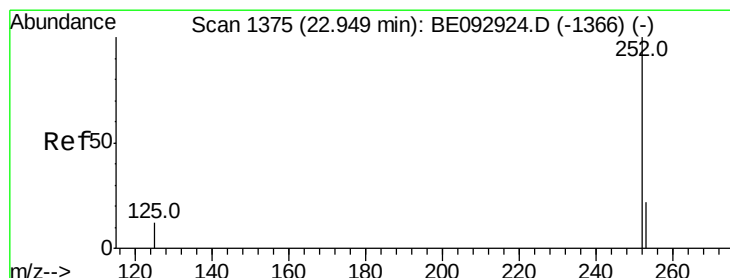
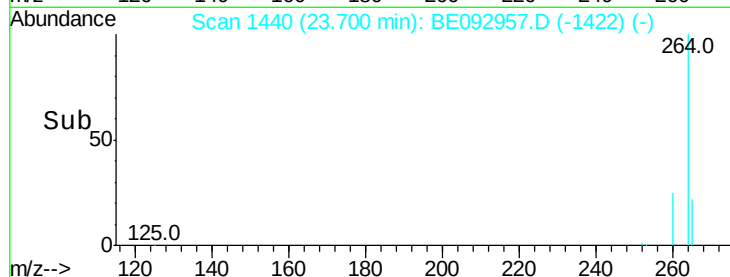
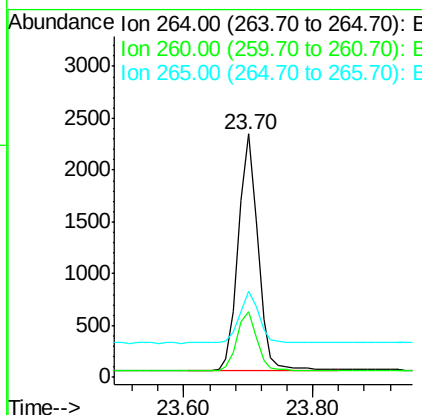
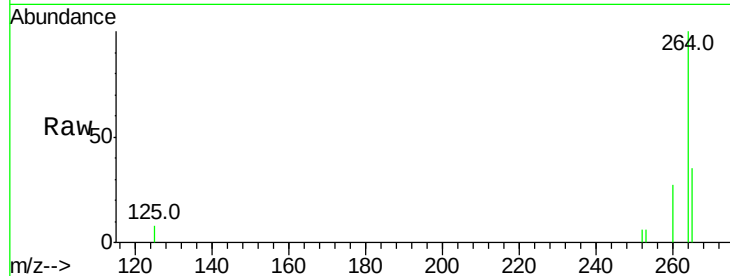




#33
Pervlene-d12
Concen: 0.40 ng
RT: 23.70 min Scan# 1440
Delta R.T. 0.01 min
Lab File: BE092957.D
Acq: 6 May 2017 8:12

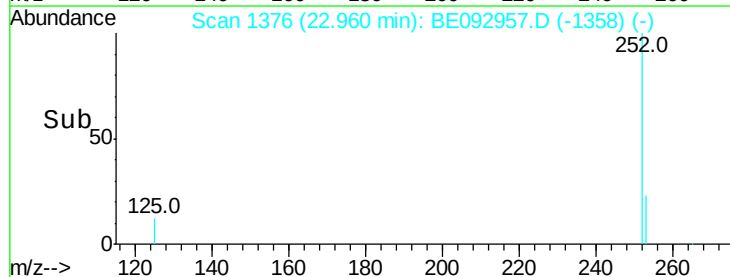
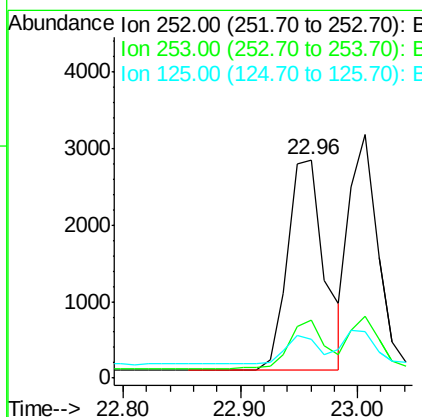
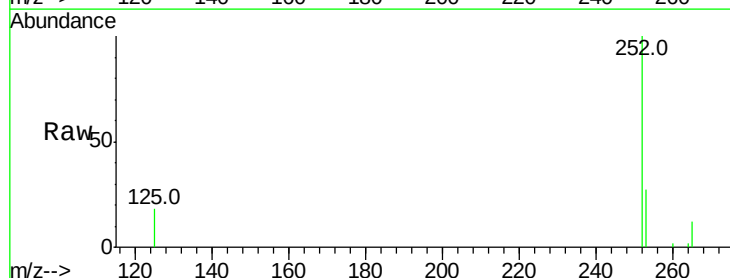
Instrument :
BNA_E
ClientSampleId :

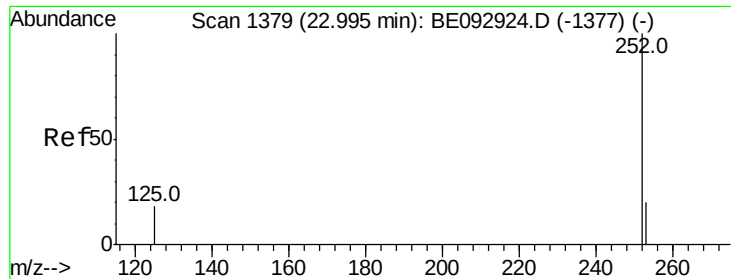
Tot Ion:264 Resp: 4756
Ion Ratio Lower Upper
264 100
260 26.9 23.5 35.3
265 35.4 27.2 40.8



#34
Benzo(b)fluoranthene
Concen: 0.39 ng
RT: 22.96 min Scan# 1376
Delta R.T. 0.01 min
Lab File: BE092957.D
Acq: 6 May 2017 8:12

Tgt Ion:252 Resp: 5998
Ion Ratio Lower Upper
252 100
253 26.7 24.7 37.1
125 17.8 20.3 30.5#

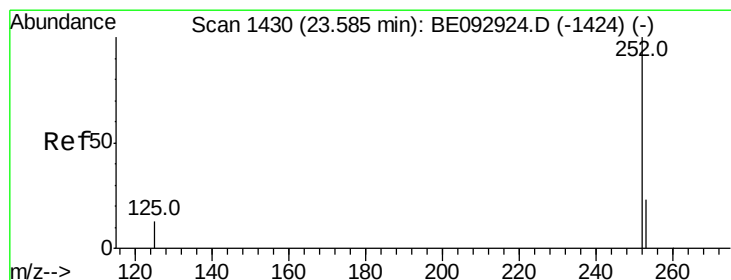
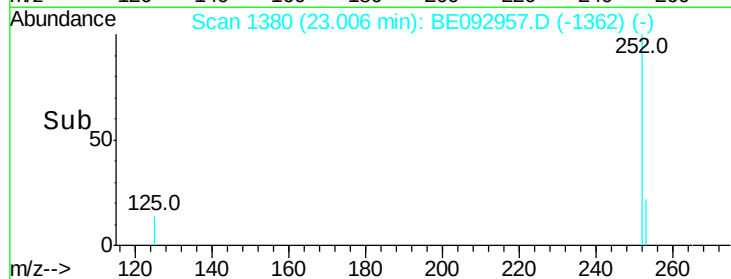
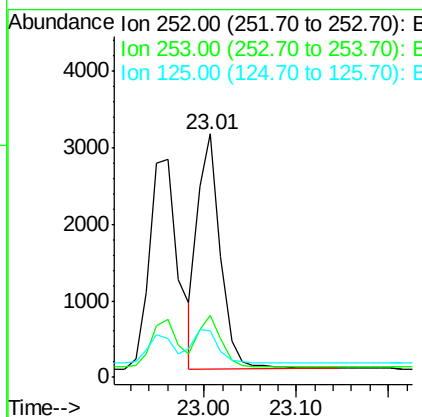
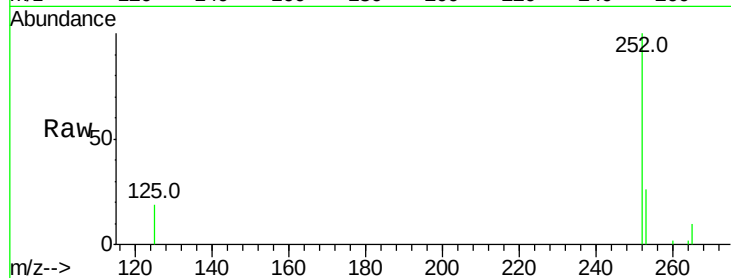




#35
Benzo(k)fluoranthene
Concen: 0.34 ng
RT: 23.01 min Scan# 1380
Delta R.T. 0.01 min
Lab File: BE092957.D
Acq: 6 May 2017 8:12

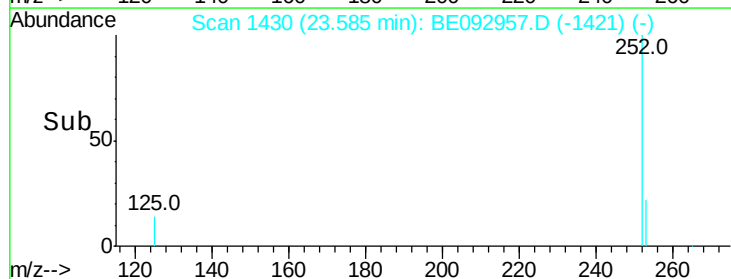
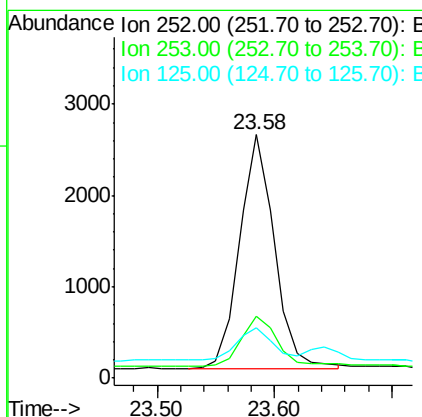
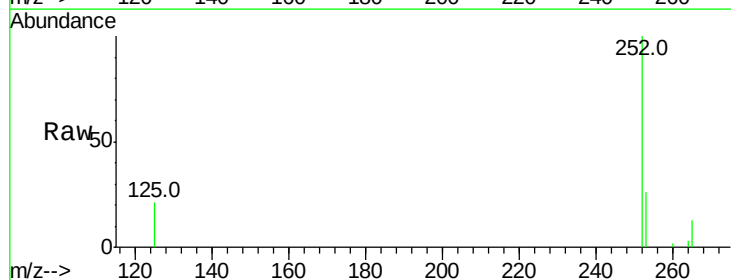
Instrument :
BNA_E
ClientSampleId :

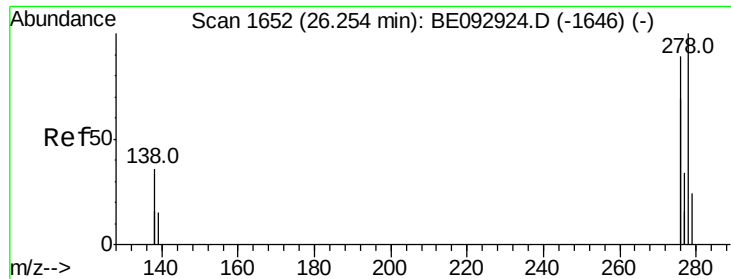
Tot Ion:252 Resp: 5250
Ion Ratio Lower Upper
252 100
253 25.6 25.8 38.8#
125 19.1 22.9 34.3#



#36
Benzo(a)pyrene
Concen: 0.41 ng
RT: 23.58 min Scan# 1430
Delta R.T. -0.00 min
Lab File: BE092957.D
Acq: 6 May 2017 8:12

Tgt Ion:252 Resp: 5272
Ion Ratio Lower Upper
252 100
253 25.7 31.3 46.9#
125 20.7 26.4 39.6#

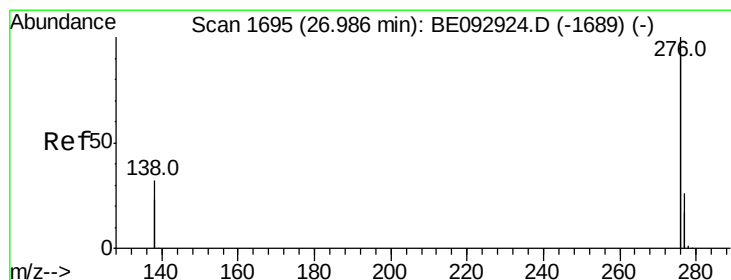
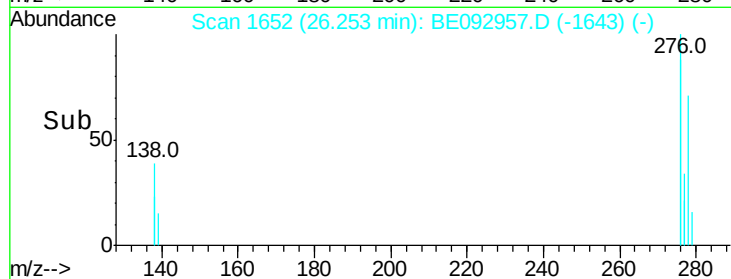
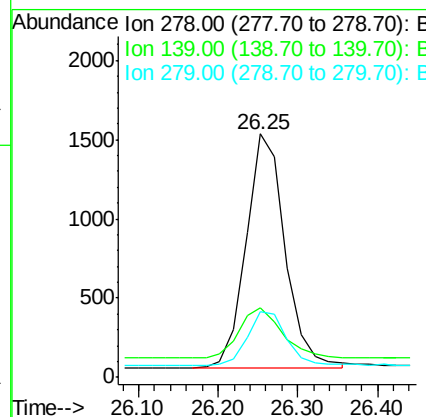
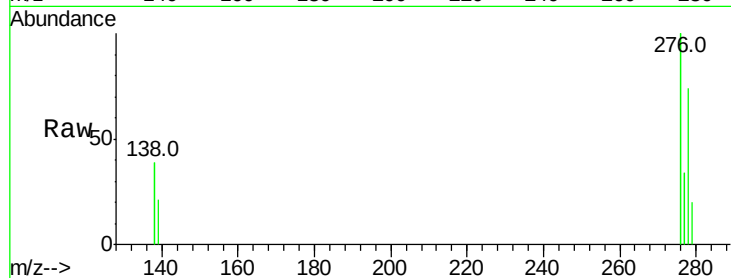




#37
Dibenzo(a,h)anthracene
Concen: 0.35 ng
RT: 26.25 min Scan# 1652
Delta R.T. -0.00 min
Lab File: BE092957.D
Acq: 6 May 2017 8:12

Instrument :
BNA_E
ClientSampleId :

Tot Ion:278 Resp: 5017
Ion Ratio Lower Upper
278 100
139 28.8 27.4 41.2
279 26.9 33.3 49.9#



#38
Benzo(g,h,i)perylene
Concen: 0.35 ng
RT: 27.00 min Scan# 1696
Delta R.T. 0.02 min
Lab File: BE092957.D
Acq: 6 May 2017 8:12

Tgt Ion:276 Resp: 21098
Ion Ratio Lower Upper
276 100
277 25.3 29.9 44.9#
138 33.2 34.6 51.8#

