

Data Path : Z:\HPCHEM1\BNA E\DATA\BE093015\
 Data File : BE090983.D
 Acq On : 30 Sep 2015 17:46
 Operator : UM/IZ
 Sample : G3778-01MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 S39-9002MS

Quant Time: Oct 01 01:24:44 2015
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 30 16:01:03 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	28406	5.00	ng	0.00
7) Naphthalene-d8	10.23	136	133076	5.00	ng	-0.02
13) Acenaphthene-d10	14.11	164	77273	5.00	ng	0.00
19) Phenanthrene-d10	16.86	188	181362	5.00	ng	0.00
26) Chrysene-d12	21.02	240	242190	5.00	ng	0.00
35) Perylene-d12	23.27	264	228921	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.11	112	14073	2.49	ng	0.00
5) Phenol-d6	6.68	99	58573	8.05	ng	-0.04
8) Nitrobenzene-d5	8.63	82	36675	4.21	ng	-0.03
14) 2,4,6-Tribromophenol	15.62	330	6016	2.37	ng	-0.02
15) 2-Fluorobiphenyl	12.73	172	84930	4.06	ng	-0.02
29) Terphenyl-d14	19.48	244	144173	4.83	ng	-0.02

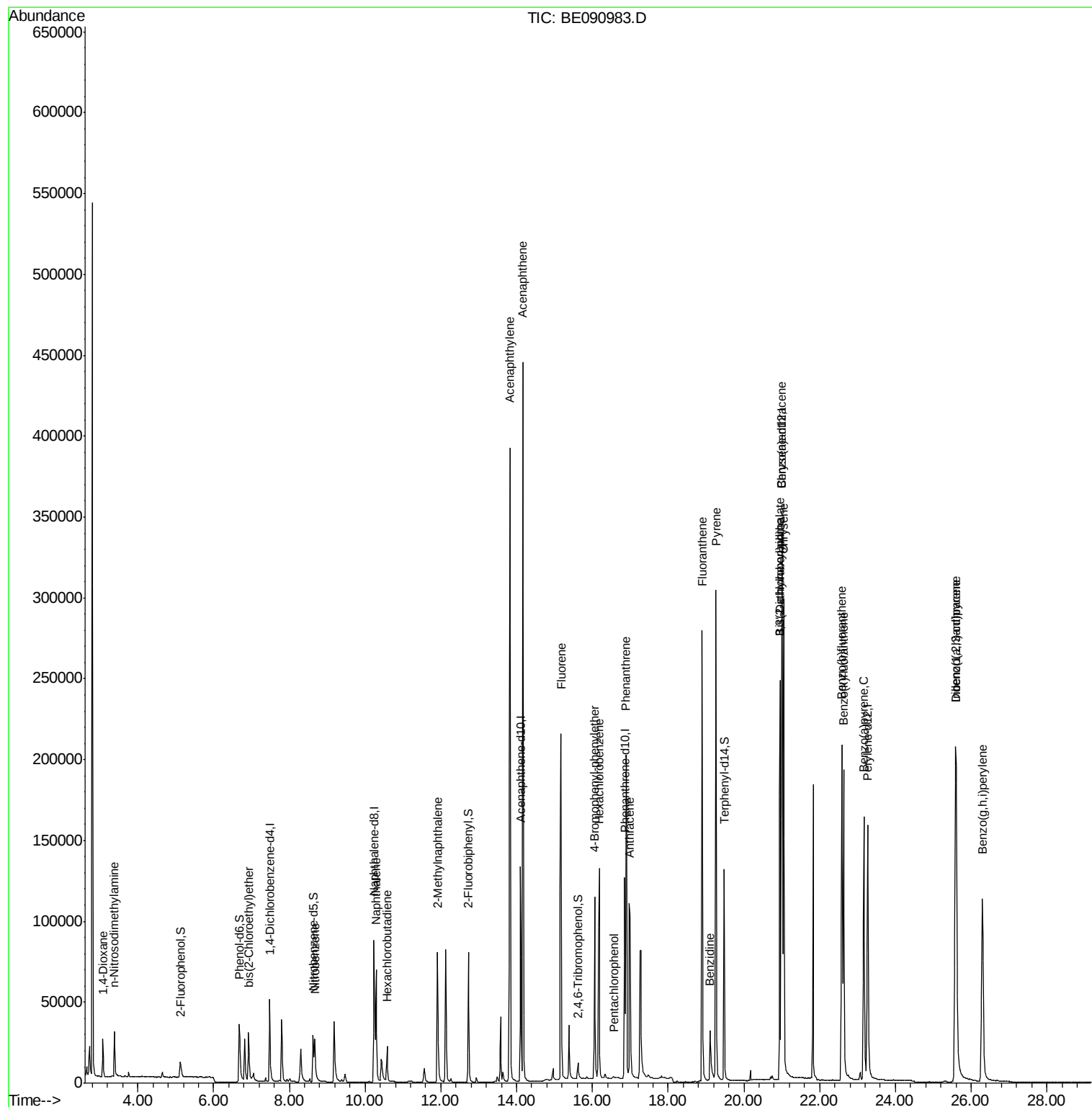
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.08	88	13697	3.68	ng	99
3) n-Nitrosodimethylamine	3.37	42	16872	3.80	ng	87
6) bis(2-Chloroethyl)ether	6.92	93	29990	3.88	ng	# 77
9) Nitrobenzene	8.67	77	38093	3.87	ng	99
10) Naphthalene	10.29	128	108781	4.25	ng	99
11) Hexachlorobutadiene	10.58	225	16431	4.04	ng	98
12) 2-Methylnaphthalene	11.91	142	72460	4.29	ng	99
16) Acenaphthylene	13.82	152	521566	4.04	ng	100
17) Acenaphthene	14.17	154	82825	4.02	ng	96
18) Fluorene	15.17	166	109581	4.30	ng	98
20) 4-Bromophenyl-phenylether	16.06	248	29340	4.28	ng	95
21) Hexachlorobenzene	16.18	284	137646	4.49	ng	100
22) Pentachlorophenol	16.56	266	1112	0.58	ng	99
23) Phenanthrene	16.89	178	218365	5.30	ng	99
24) Anthracene	16.98	178	184898	4.69	ng	98
25) Fluoranthene	18.90	202	267931	5.70	ng	99
27) Benzidine	19.11	184	79369	7.93	ng	# 79
28) Pyrene	19.26	202	280796	5.05	ng	99
30) Benzo(a)anthracene	21.00	228	265597	4.93	ng	98
31) 3,3'-Dichlorobenzidine	20.95	252	66555	5.85	ng	# 98
32) Chrysene	21.05	228	259541	4.59	ng	99
33) Bis(2-ethylhexyl)phthalate	20.95	149	159441	6.17	ng	97
34) Indeno(1,2,3-cd)pyrene	25.59	276	302175	4.98	ng	99
36) Benzo(b)fluoranthene	22.58	252	261559	5.18	ng	100
37) Benzo(k)fluoranthene	22.63	252	266679	4.37	ng	99
38) Benzo(a)pyrene	23.17	252	252424	5.39	ng	99
39) Dibenzo(a,h)anthracene	25.61	278	245201	5.31	ng	98
40) Benzo(g,h,i)perylene	26.30	276	254887	5.08	ng	100

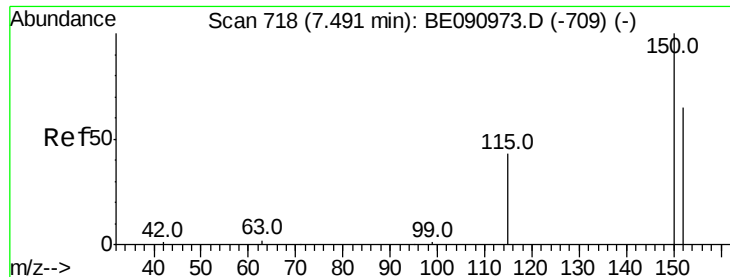
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA E\DATA\BE093015\
Data File : BE090983.D
Acq On : 30 Sep 2015 17:46
Operator : UM/IZ
Sample : G3778-01MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
S39-9002MS

Quant Time: Oct 01 01:24:44 2015
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 30 16:01:03 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.48 min Scan# 717

Delta R.T. -0.01 min

Lab File: BE090983.D

Acq: 30 Sep 2015 17:46

Instrument :

BNA_E

ClientSampleId :

S39-9002MS

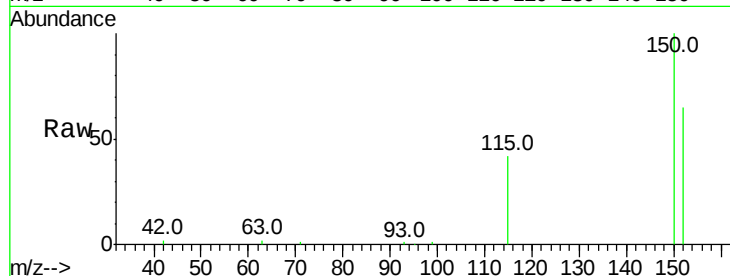
Tot Ion:152 Resp: 28406

Ion Ratio Lower Upper

152 100

150 154.0 122.6 183.8

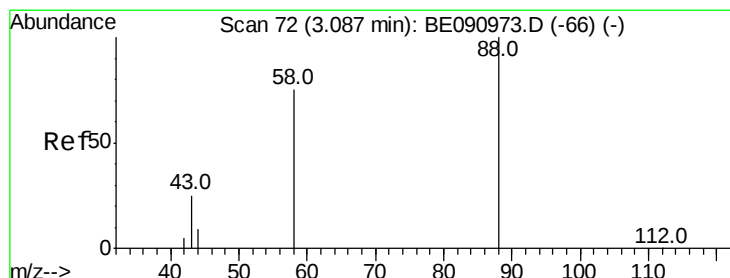
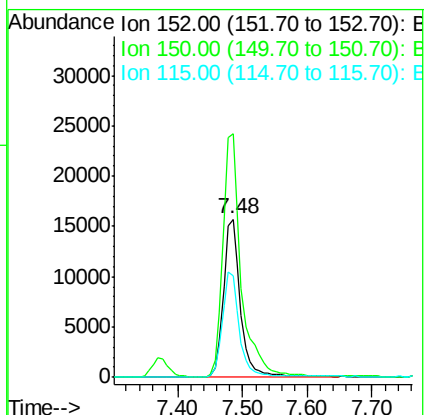
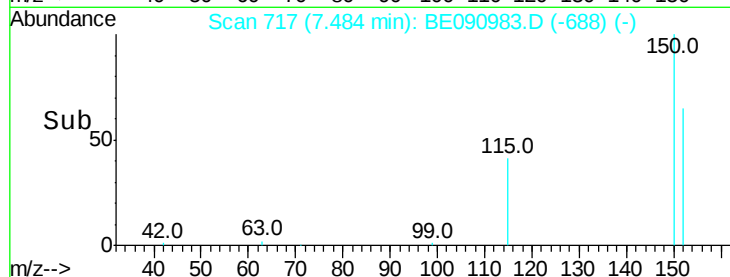
115 64.2 52.8 79.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 3.68 ng

RT: 3.08 min Scan# 71

Delta R.T. -0.01 min

Lab File: BE090983.D

Acq: 30 Sep 2015 17:46

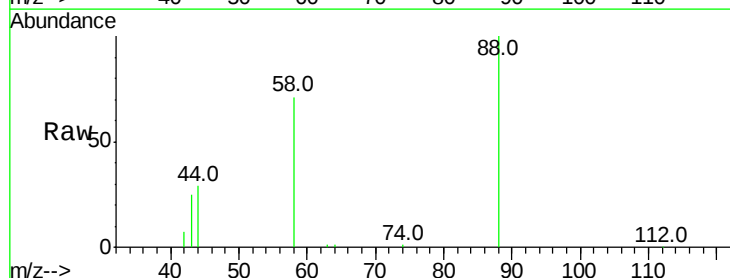
Tgt Ion: 88 Resp: 13697

Ion Ratio Lower Upper

88 100

58 83.9 65.8 98.6

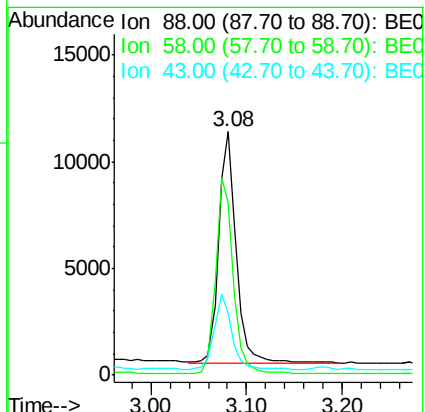
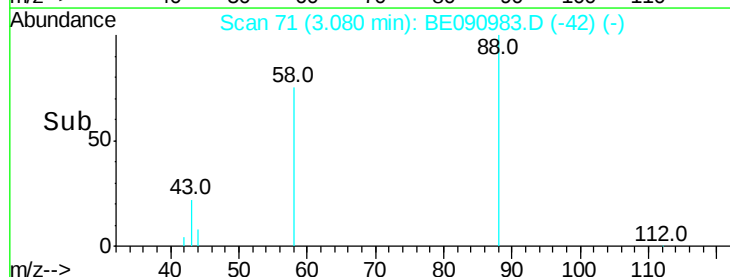
43 31.8 25.3 37.9

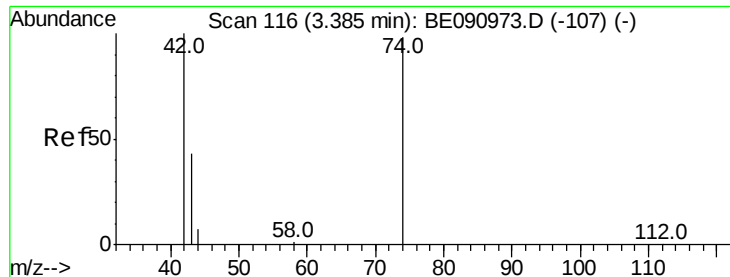


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



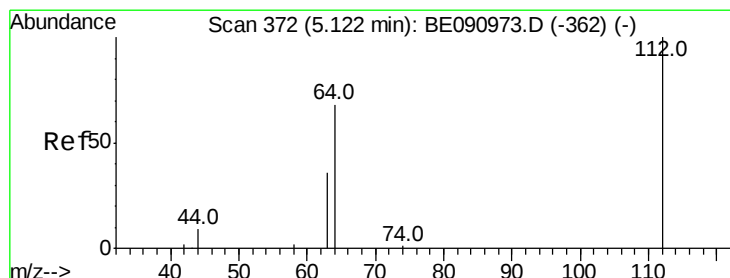
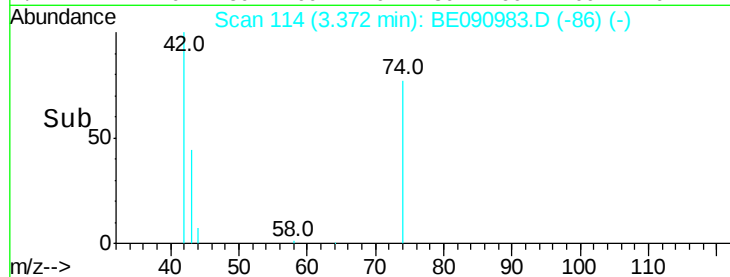
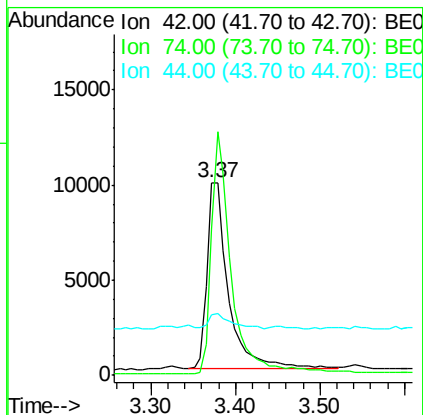
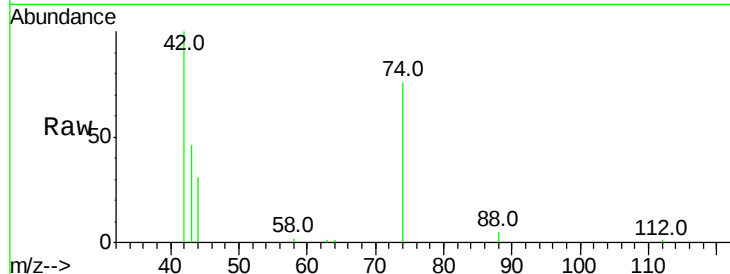


#3

n-Nitrosodimethylamine
 Concen: 3.80 ng
 RT: 3.37 min Scan# 114
 Delta R.T. -0.01 min
 Lab File: BE090983.D
 Acq: 30 Sep 2015 17:46

Instrument :
 BNA_E
 ClientSampleId :
 S39-9002MS

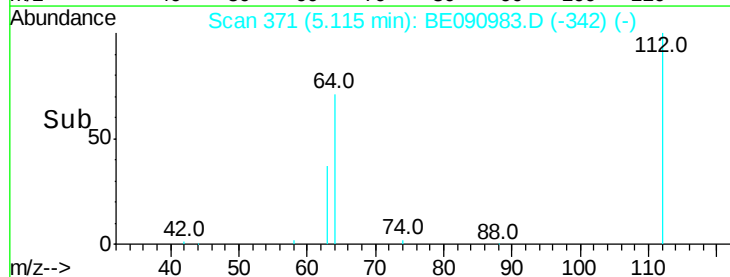
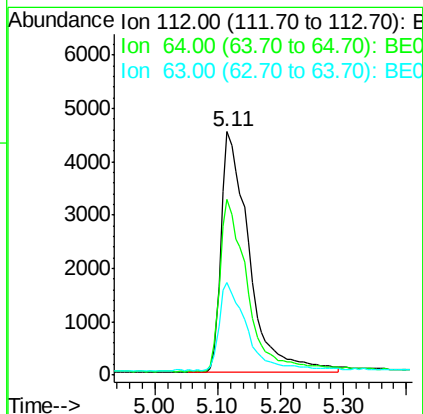
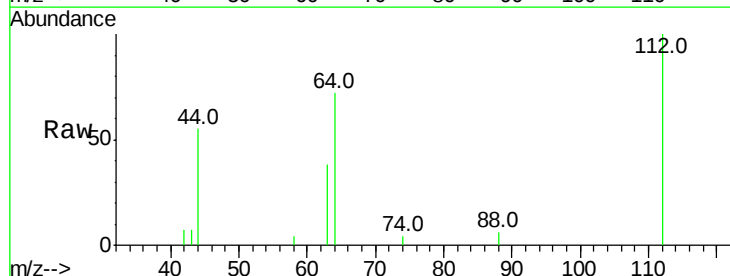
Tot Ion: 42 Resp: 16872
 Ion Ratio Lower Upper
 42 100
 74 124.2 87.9 131.9
 44 8.6 6.6 9.8

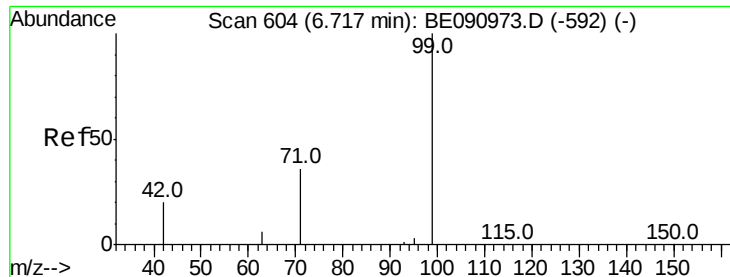


#4

2-Fluorophenol
 Concen: 2.49 ng
 RT: 5.11 min Scan# 371
 Delta R.T. -0.01 min
 Lab File: BE090983.D
 Acq: 30 Sep 2015 17:46

Tgt Ion: 112 Resp: 14073
 Ion Ratio Lower Upper
 112 100
 64 70.7 30.9 46.3#
 63 36.4 16.7 25.1#





#5

Phenol-d6

Concen: 8.05 ng

RT: 6.68 min Scan# 598

Delta R.T. -0.04 min

Lab File: BE090983.D

Acq: 30 Sep 2015 17:46

Instrument :

BNA_E

ClientSampleId :

S39-9002MS

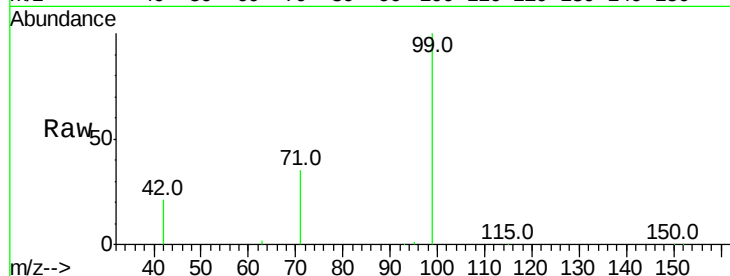
Tot Ion: 99 Resp: 58573

Ion Ratio Lower Upper

99 100

42 20.5 16.2 24.2

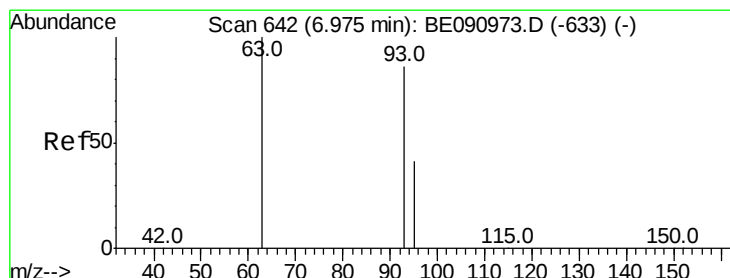
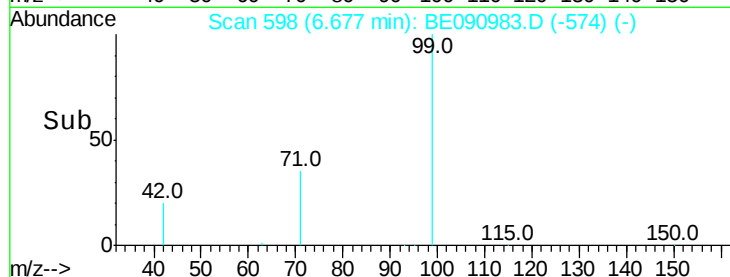
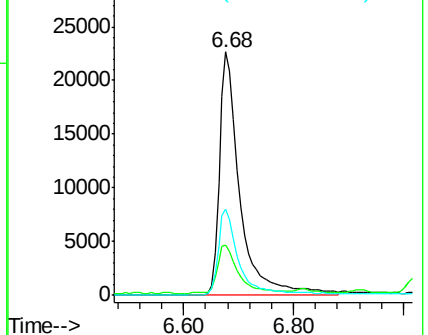
71 35.6 29.0 43.4



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: 3.88 ng

RT: 6.92 min Scan# 634

Delta R.T. -0.05 min

Lab File: BE090983.D

Acq: 30 Sep 2015 17:46

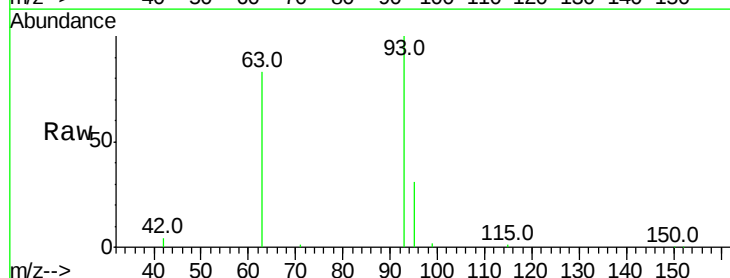
Tgt Ion: 93 Resp: 29990

Ion Ratio Lower Upper

93 100

63 84.4 49.5 74.3#

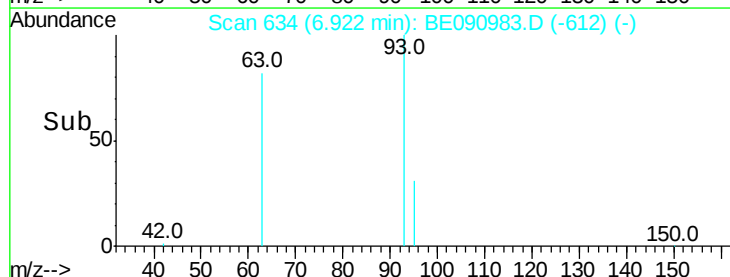
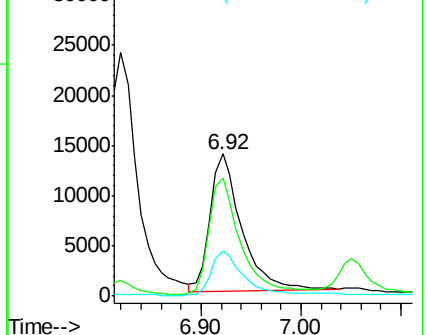
95 32.2 22.2 33.4

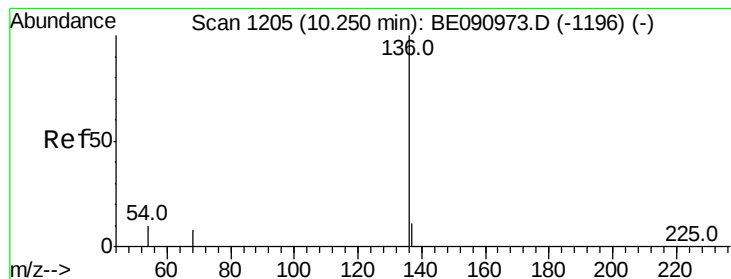


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.23 min Scan# 1202

Delta R.T. -0.02 min

Lab File: BE090983.D

Acq: 30 Sep 2015 17:46

Instrument :

BNA_E

ClientSampleId :

S39-9002MS

Tot Ion:136 Resp: 133076

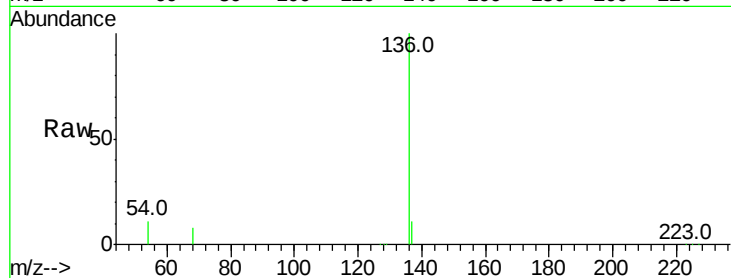
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 11.5 8.2 12.4

68 8.4 6.2 9.4

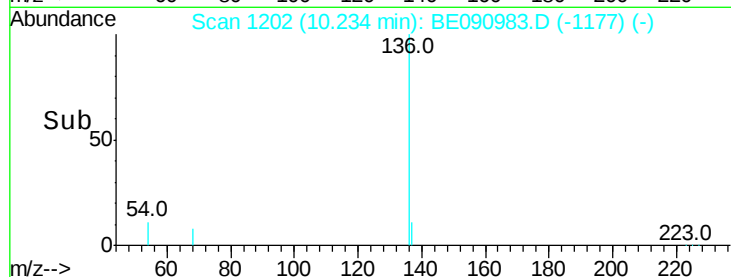


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

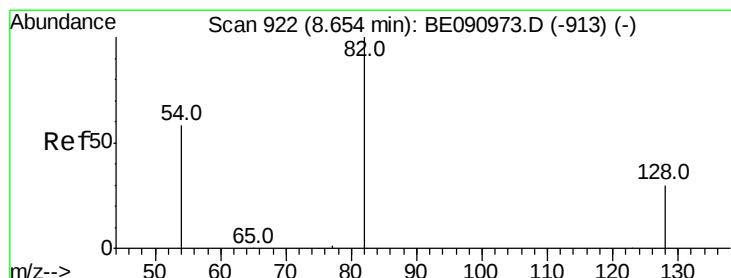
Ion 68.00 (67.70 to 68.70): BE0



Abundance

10.23

Time-->



#8

Nitrobenzene-d5

Concen: 4.21 ng

RT: 8.63 min Scan# 916

Delta R.T. -0.03 min

Lab File: BE090983.D

Acq: 30 Sep 2015 17:46

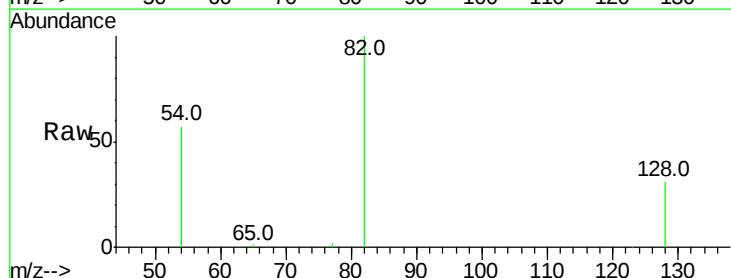
Tgt Ion: 82 Resp: 36675

Ion Ratio Lower Upper

82 100

128 31.2 25.4 38.0

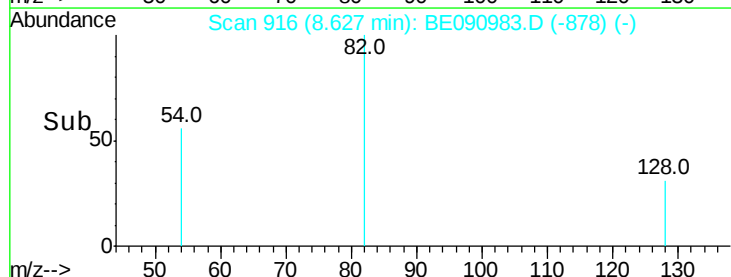
54 56.5 48.4 72.6



Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

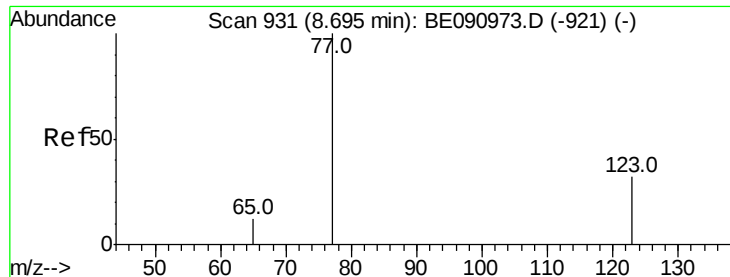
Ion 54.00 (53.70 to 54.70): BE0



Abundance

8.63

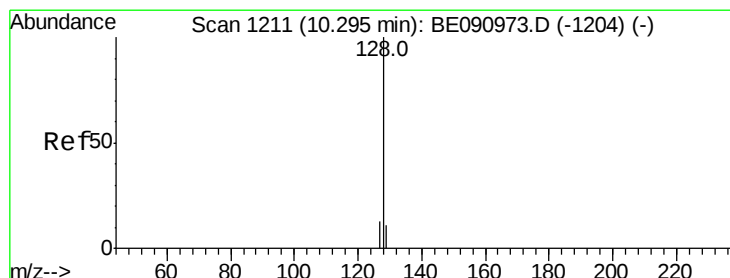
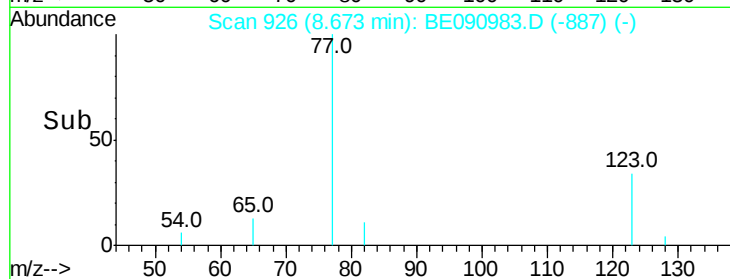
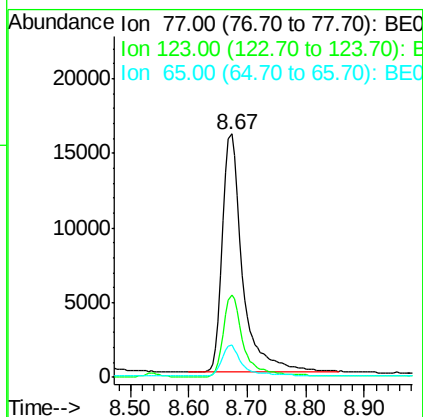
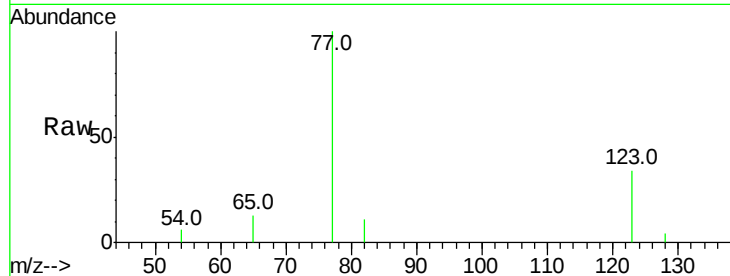
Time-->



#9
 Nitrobenzene
 Concen: 3.87 ng
 RT: 8.67 min Scan# 926
 Delta R.T. -0.02 min
 Lab File: BE090983.D
 Acq: 30 Sep 2015 17:46

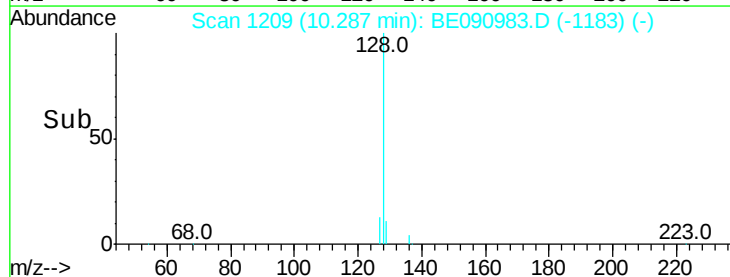
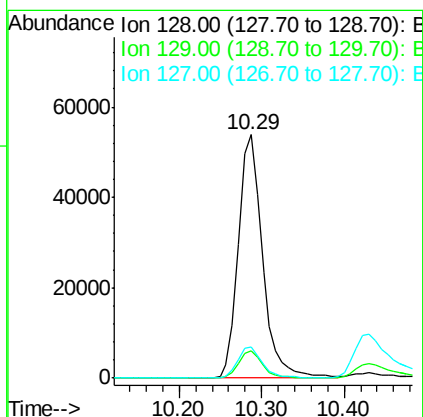
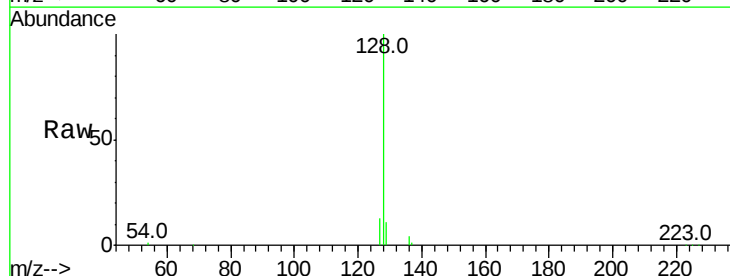
Instrument :
 BNA_E
 ClientSampleId :
 S39-9002MS

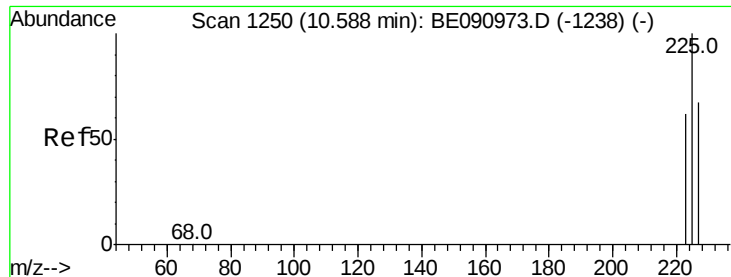
Tot Ion: 77 Resp: 38093
 Ion Ratio Lower Upper
 77 100
 123 34.4 26.9 40.3
 65 12.0 9.4 14.2



#10
 Naphthalene
 Concen: 4.25 ng
 RT: 10.29 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BE090983.D
 Acq: 30 Sep 2015 17:46

Tgt Ion: 128 Resp: 108781
 Ion Ratio Lower Upper
 128 100
 129 11.2 9.3 13.9
 127 12.9 10.7 16.1

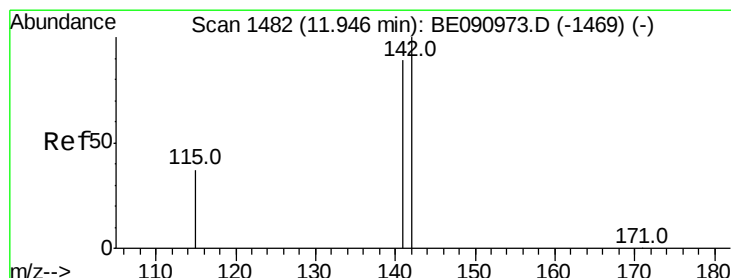
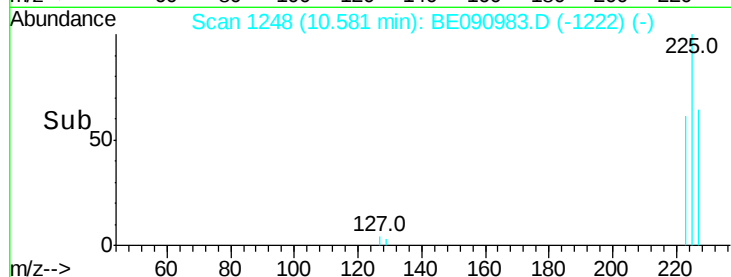
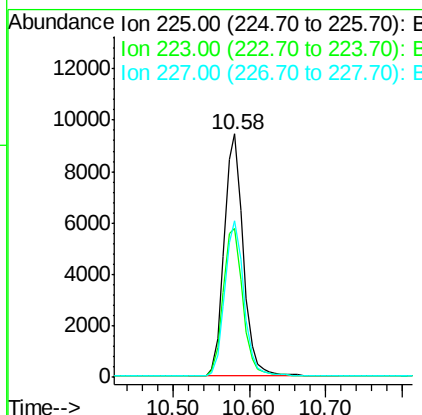
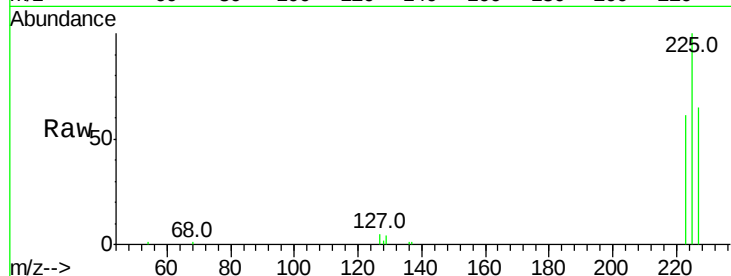




#11
Hexachlorobutadiene
Concen: 4.04 ng
RT: 10.58 min Scan# 1248
Delta R.T. -0.01 min
Lab File: BE090983.D
Acq: 30 Sep 2015 17:46

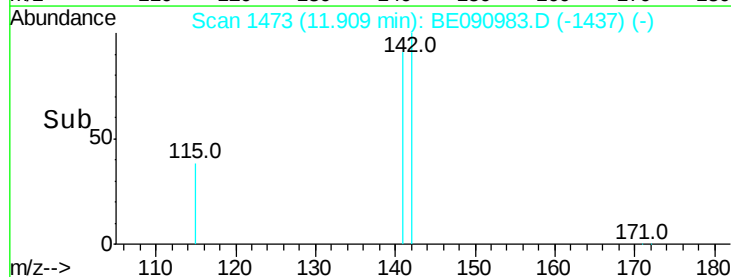
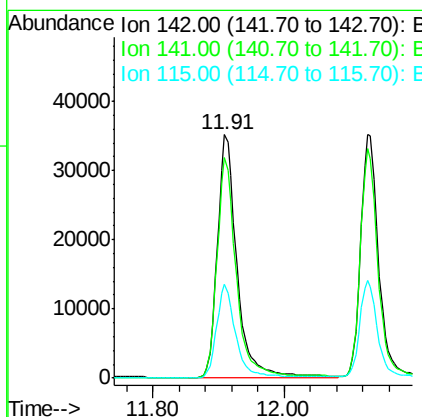
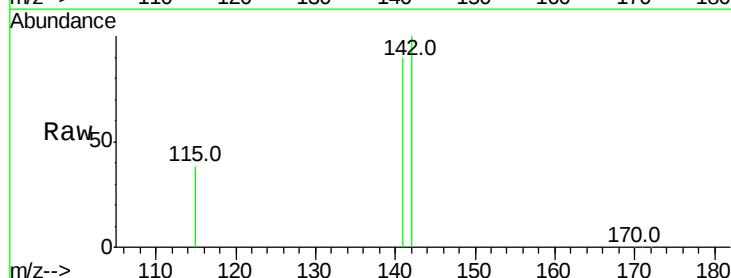
Instrument :
BNA_E
ClientSampleId :
S39-9002MS

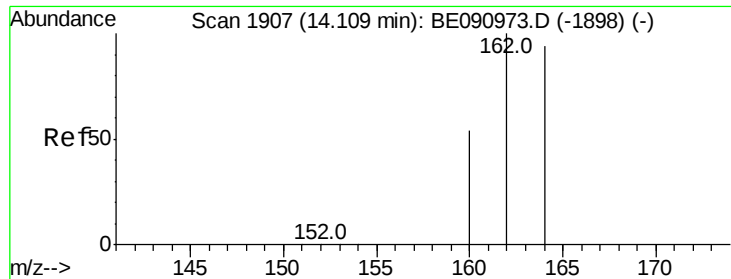
Tot Ion:225 Resp: 16431
Ion Ratio Lower Upper
225 100
223 62.8 49.0 73.6
227 64.0 50.3 75.5



#12
2-Methylnaphthalene
Concen: 4.29 ng
RT: 11.91 min Scan# 1473
Delta R.T. -0.04 min
Lab File: BE090983.D
Acq: 30 Sep 2015 17:46

Tgt Ion:142 Resp: 72460
Ion Ratio Lower Upper
142 100
141 90.5 71.4 107.0
115 38.4 30.3 45.5





#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.11 min Scan# 1907

Delta R.T. 0.00 min

Lab File: BE090983.D

Acq: 30 Sep 2015 17:46

Instrument :

BNA_E

ClientSampleId :

S39-9002MS

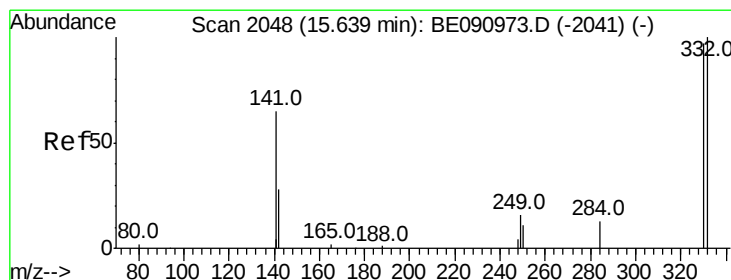
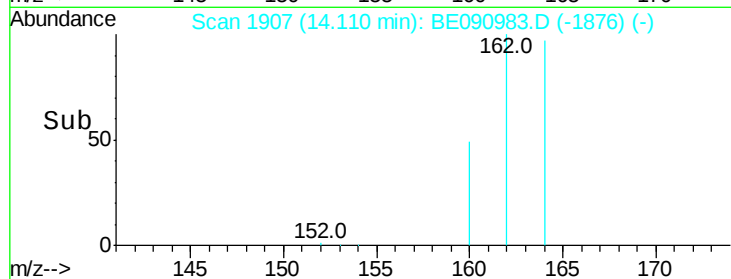
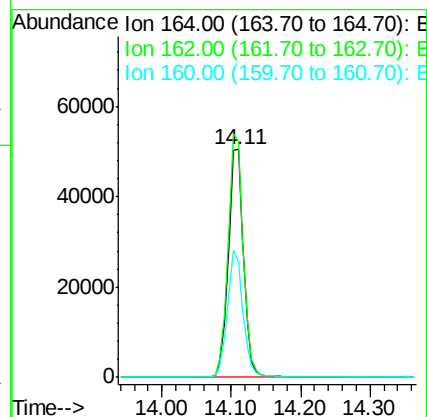
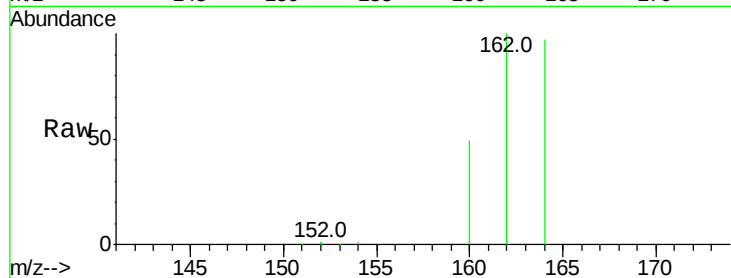
Tot Ion:164 Resp: 77273

Ion Ratio Lower Upper

164 100

162 103.5 85.3 127.9

160 50.8 46.2 69.2



#14

2,4,6-Tribromophenol

Concen: 2.37 ng

RT: 15.62 min Scan# 2047

Delta R.T. -0.02 min

Lab File: BE090983.D

Acq: 30 Sep 2015 17:46

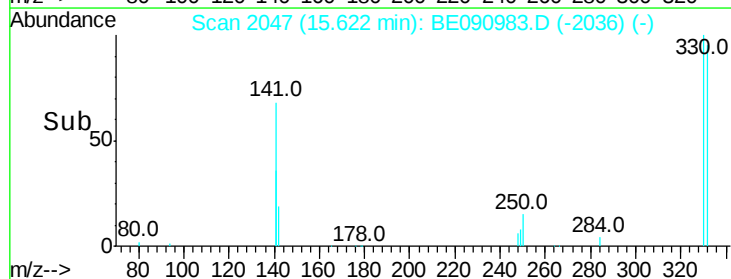
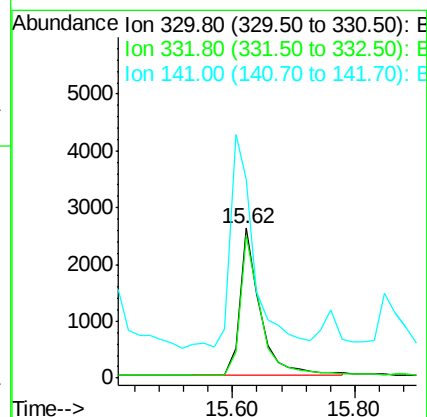
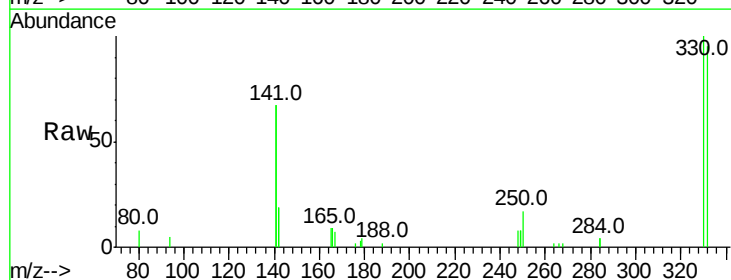
Tgt Ion:330 Resp: 6016

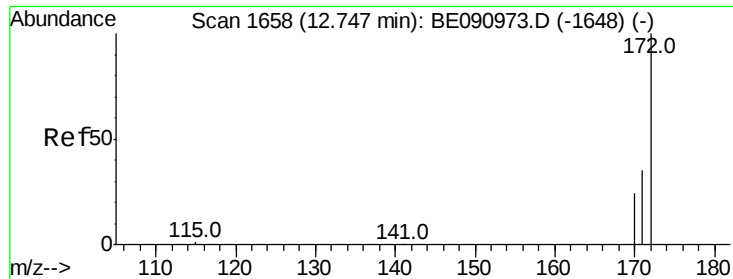
Ion Ratio Lower Upper

330 100

332 95.3 79.1 118.7

141 167.5 125.4 188.0

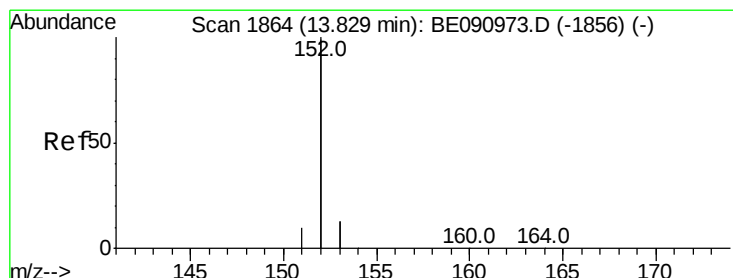
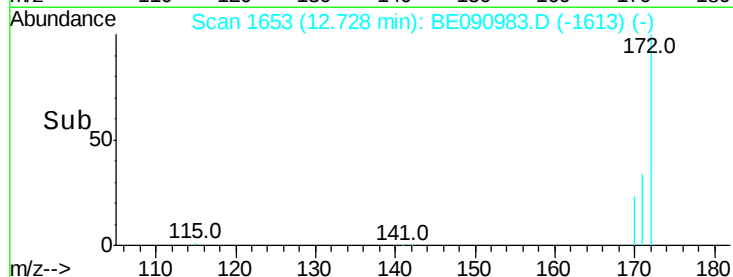
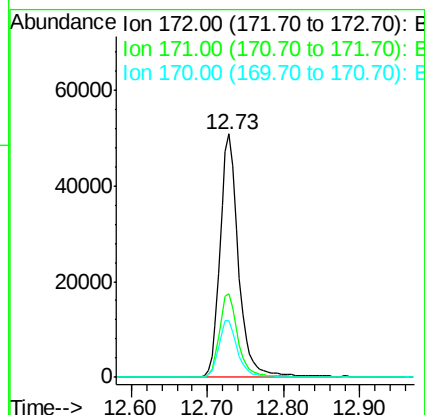
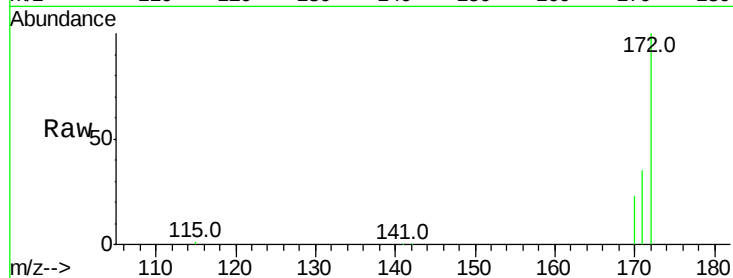




#15
2-Fluorobiphenyl
Concen: 4.06 ng
RT: 12.73 min Scan# 1653
Delta R.T. -0.02 min
Lab File: BE090983.D
Acq: 30 Sep 2015 17:46

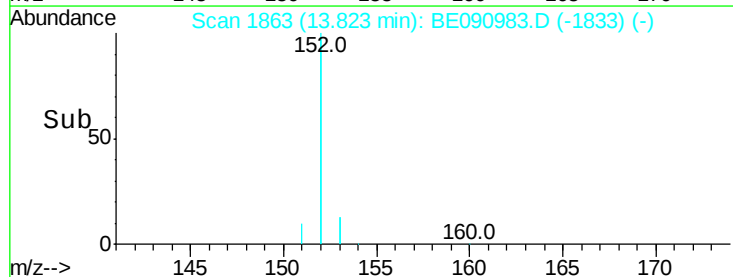
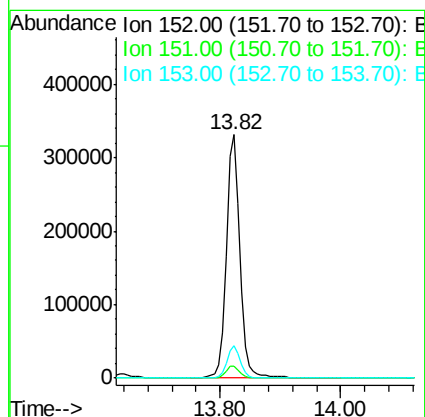
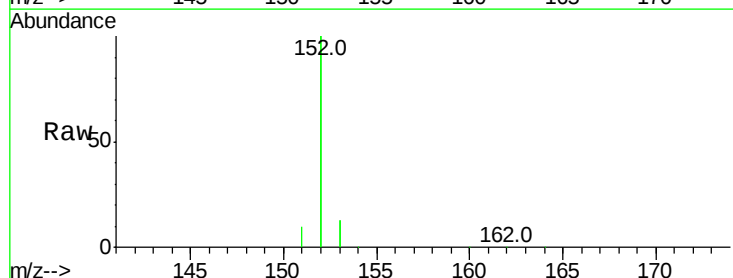
Instrument :
BNA_E
ClientSampleId :
S39-9002MS

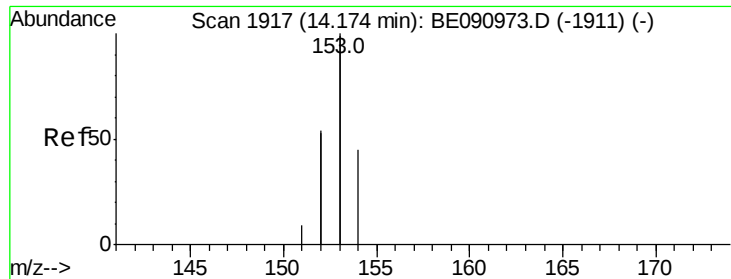
Tot Ion:172 Resp: 84930
Ion Ratio Lower Upper
172 100
171 34.6 28.8 43.2
170 23.3 19.3 28.9



#16
Acenaphthylene
Concen: 4.04 ng
RT: 13.82 min Scan# 1863
Delta R.T. -0.01 min
Lab File: BE090983.D
Acq: 30 Sep 2015 17:46

Tgt Ion:152 Resp: 521566
Ion Ratio Lower Upper
152 100
151 4.9 3.9 5.9
153 13.0 10.3 15.5





#17

Acenaphthene

Concen: 4.02 ng

RT: 14.17 min Scan# 1916

Delta R.T. -0.01 min

Lab File: BE090983.D

Acq: 30 Sep 2015 17:46

Instrument :

BNA_E

ClientSampleId :

S39-9002MS

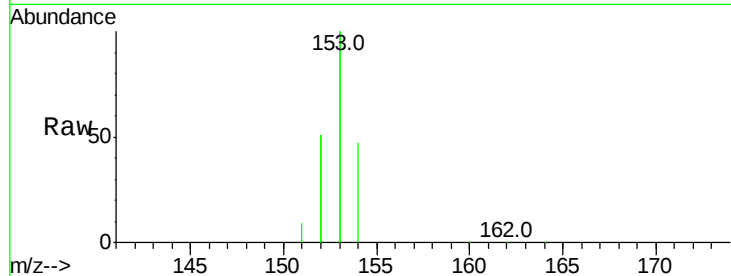
Tot Ion:154 Resp: 82825

Ion Ratio Lower Upper

154 100

153 436.8 352.0 528.0

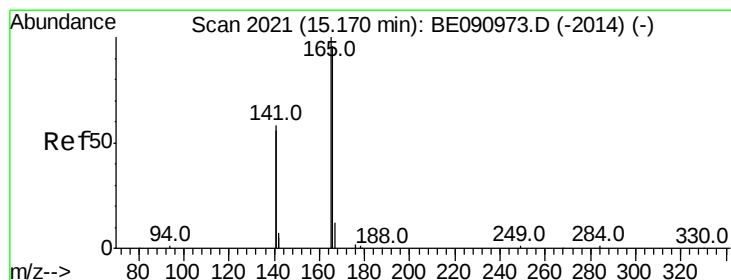
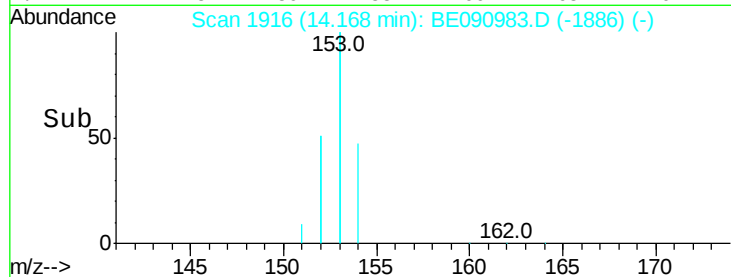
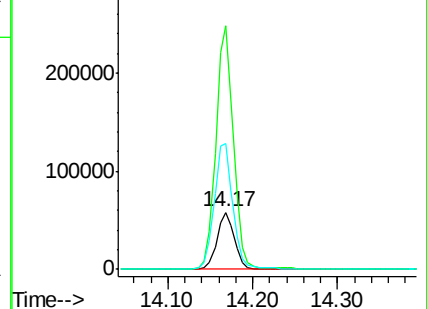
152 236.5 200.0 300.0



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



#18

Fluorene

Concen: 4.30 ng

RT: 15.17 min Scan# 2021

Delta R.T. 0.00 min

Lab File: BE090983.D

Acq: 30 Sep 2015 17:46

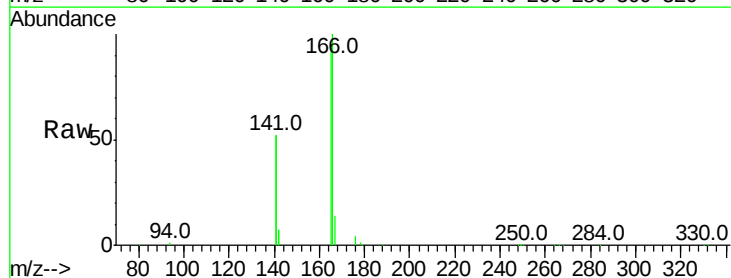
Tgt Ion:166 Resp: 109581

Ion Ratio Lower Upper

166 100

165 99.2 80.8 121.2

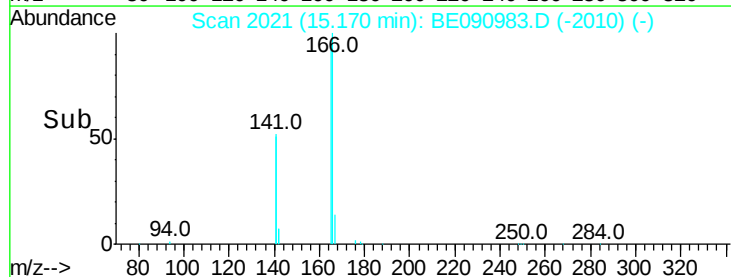
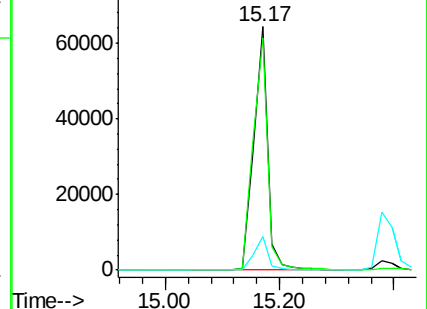
167 13.5 10.9 16.3

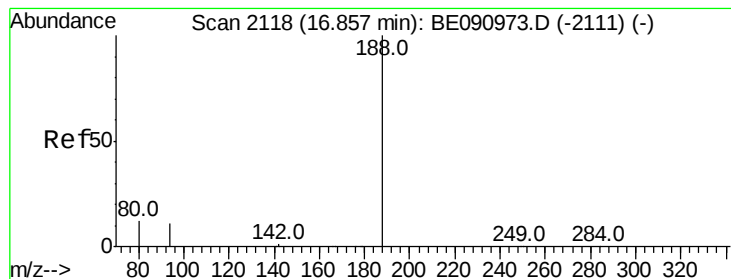


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.86 min Scan# 2118

Delta R.T. 0.00 min

Lab File: BE090983.D

Acq: 30 Sep 2015 17:46

Instrument :

BNA_E

ClientSampleId :

S39-9002MS

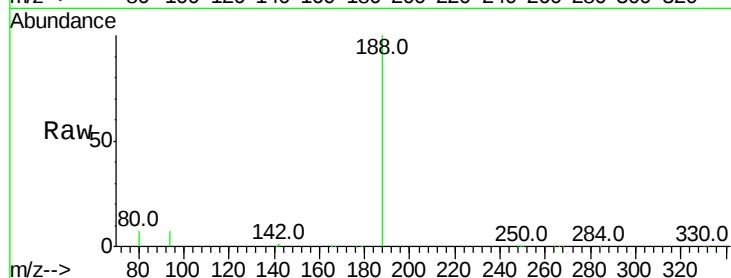
Tot Ion:188 Resp: 181362

Ion Ratio Lower Upper

188 100

94 7.0 8.7 13.1#

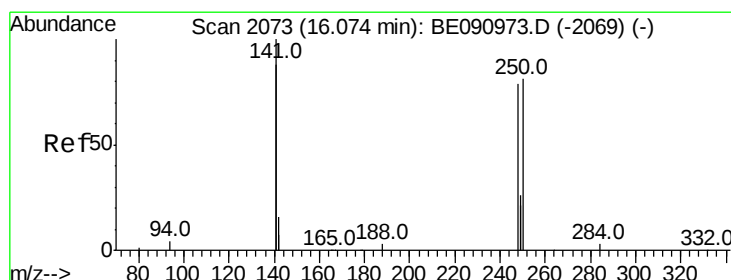
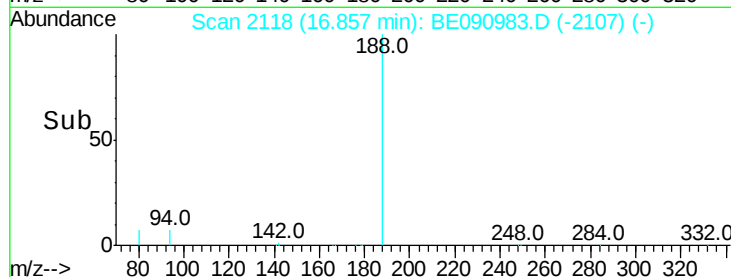
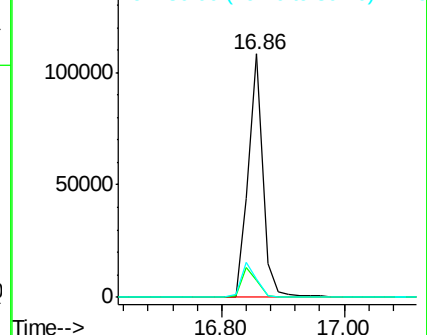
80 7.3 9.4 14.0#



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

4-Bromophenyl-phenylether

Concen: 4.28 ng

RT: 16.06 min Scan# 2072

Delta R.T. -0.02 min

Lab File: BE090983.D

Acq: 30 Sep 2015 17:46

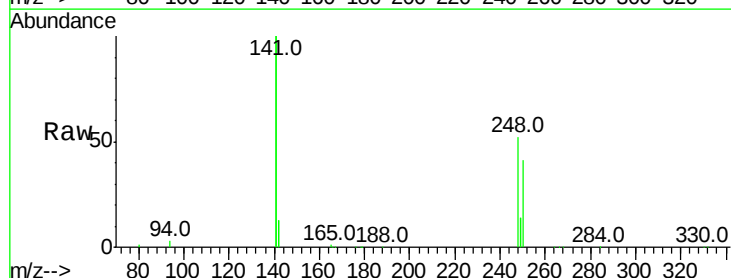
Tgt Ion:248 Resp: 29340

Ion Ratio Lower Upper

248 100

250 94.8 80.5 120.7

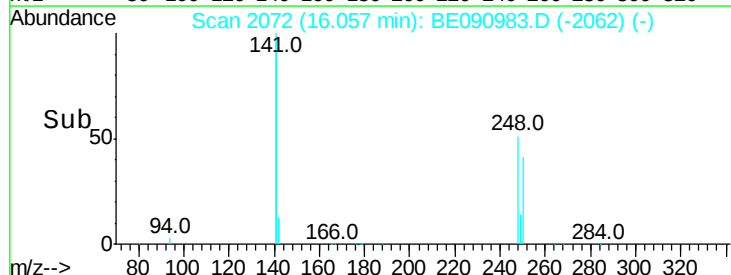
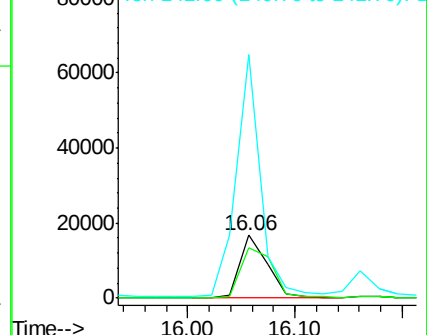
141 338.2 261.9 392.9

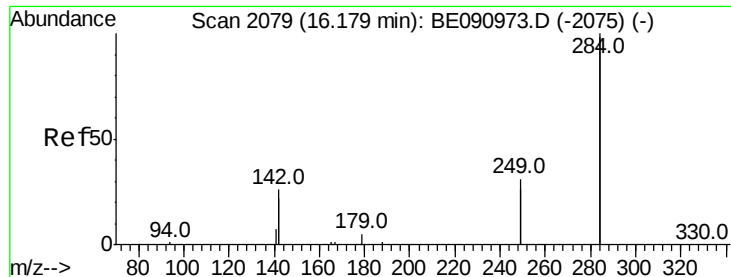


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 4.49 ng

RT: 16.18 min Scan# 2079

Delta R.T. 0.00 min

Lab File: BE090983.D

Acq: 30 Sep 2015 17:46

Instrument :

BNA_E

ClientSampleId :

S39-9002MS

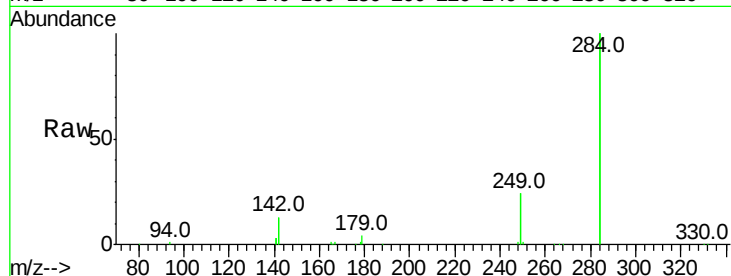
Tot Ion:284 Resp: 137646

Ion Ratio Lower Upper

284 100

142 40.4 32.2 48.2

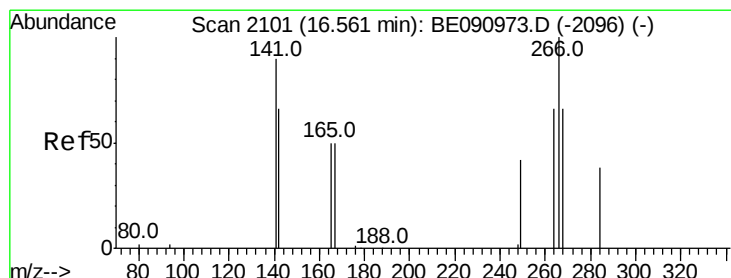
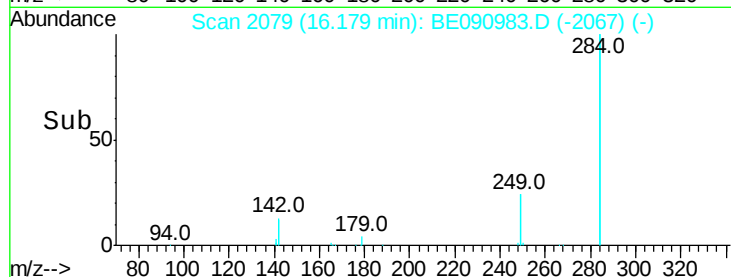
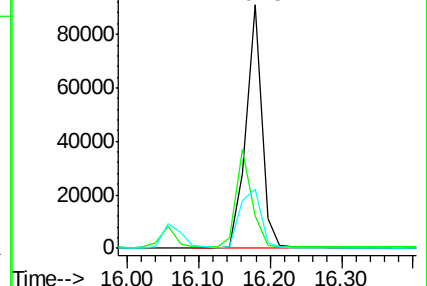
249 31.8 25.4 38.2



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



#22

Pentachlorophenol

Concen: 0.58 ng

RT: 16.56 min Scan# 2101

Delta R.T. 0.00 min

Lab File: BE090983.D

Acq: 30 Sep 2015 17:46

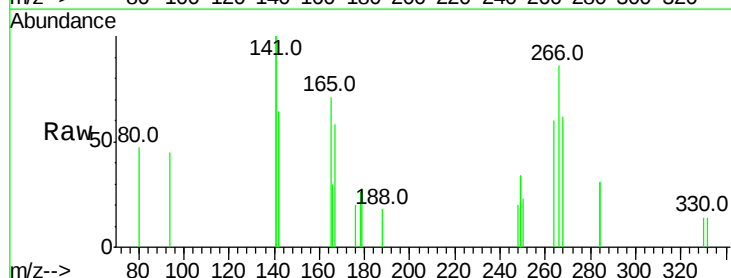
Tgt Ion:266 Resp: 1112

Ion Ratio Lower Upper

266 100

268 72.2 58.2 87.2

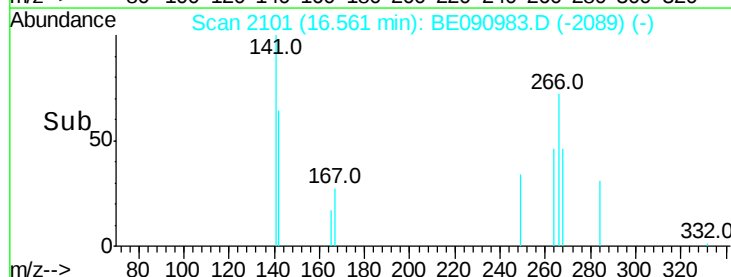
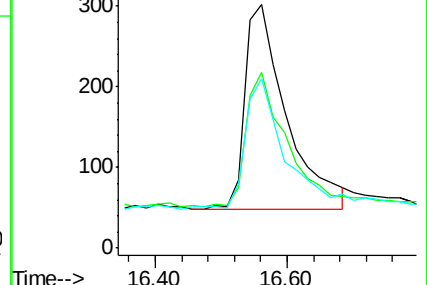
264 69.5 56.2 84.4

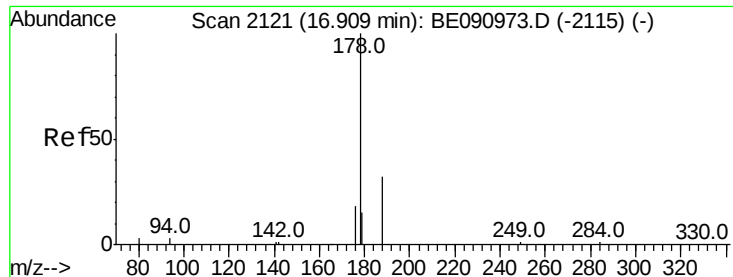


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#23

Phenanthrene

Concen: 5.30 ng

RT: 16.89 min Scan# 2120

Delta R.T. -0.02 min

Lab File: BE090983.D

Acq: 30 Sep 2015 17:46

Instrument :

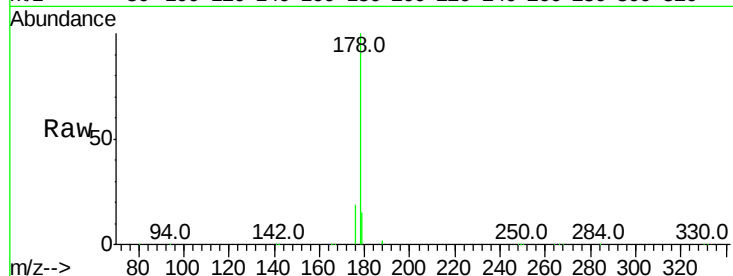
BNA_E

ClientSampleId :

S39-9002MS

Tot Ion:178 Resp: 218365

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.3	22.9
179	15.3	12.6	18.8

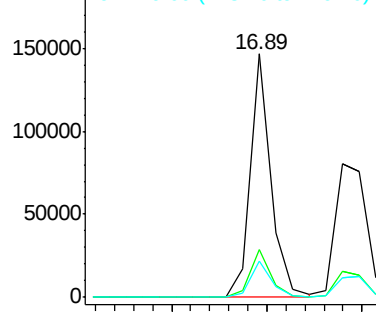


Abundance

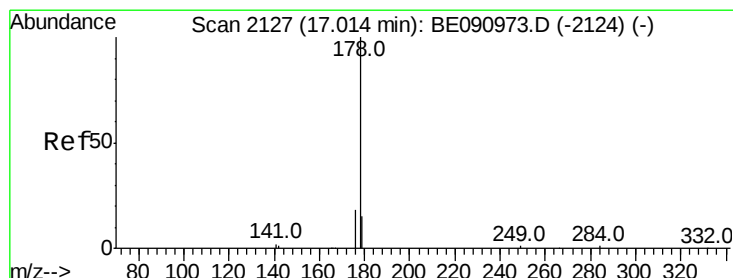
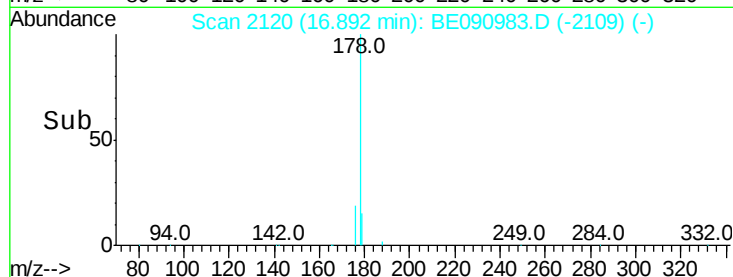
Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#24

Anthracene

Concen: 4.69 ng

RT: 16.98 min Scan# 2125

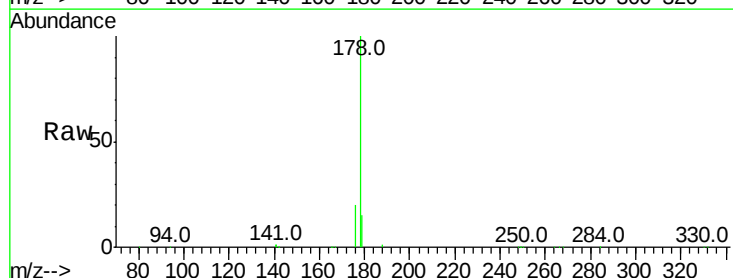
Delta R.T. -0.03 min

Lab File: BE090983.D

Acq: 30 Sep 2015 17:46

Tgt Ion:178 Resp: 184898

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.6	21.8
179	16.0	11.8	17.6

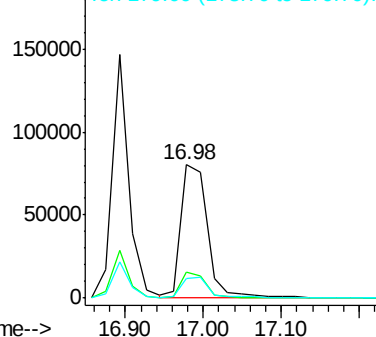


Abundance

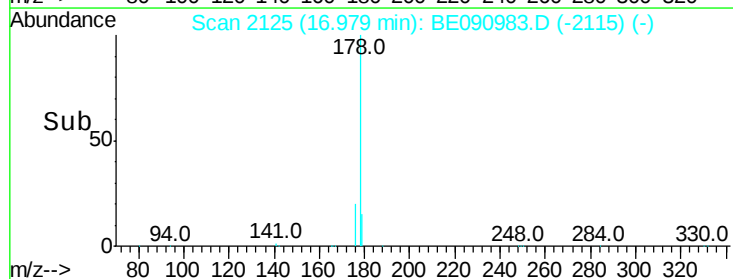
Ion 178.00 (177.70 to 178.70): E

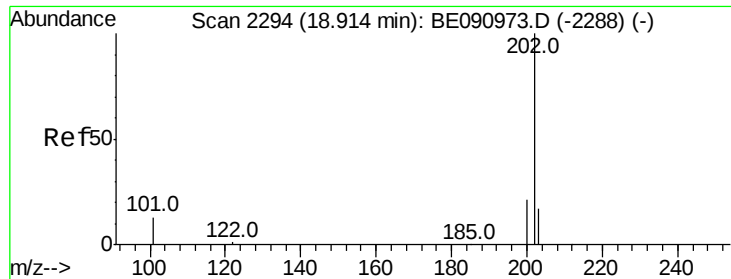
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->

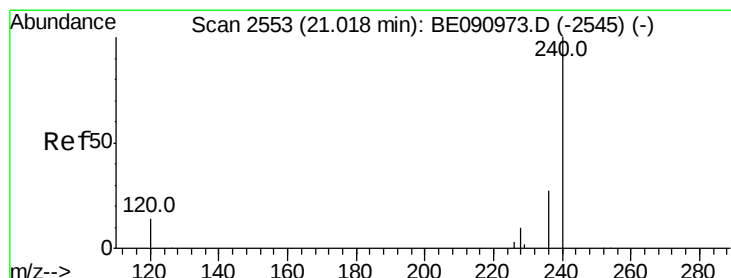
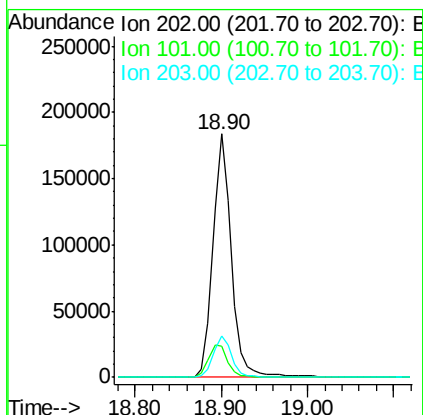
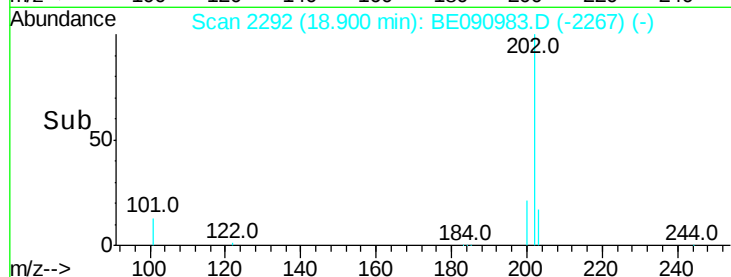
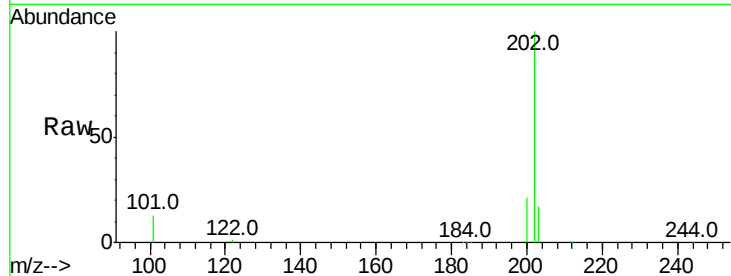




#25
Fluoranthene
Concen: 5.70 ng
RT: 18.90 min Scan# 2292
Delta R.T. -0.01 min
Lab File: BE090983.D
Acq: 30 Sep 2015 17:46

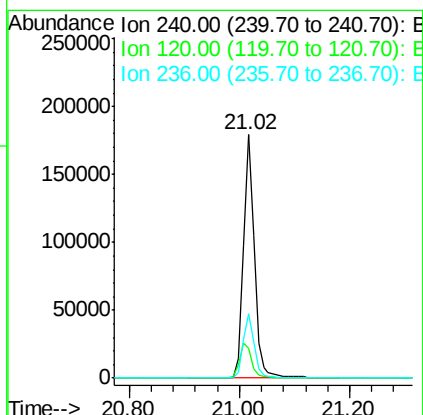
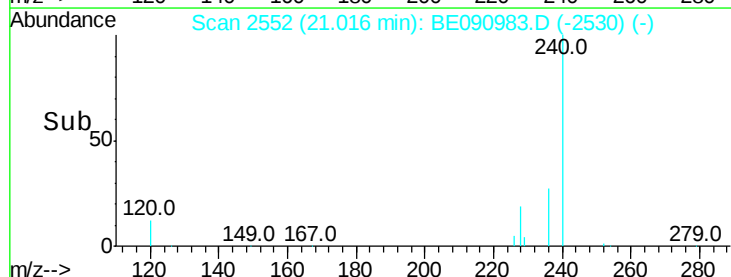
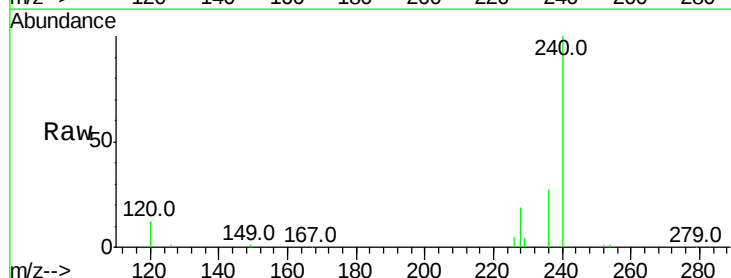
Instrument :
BNA_E
ClientSampleId :
S39-9002MS

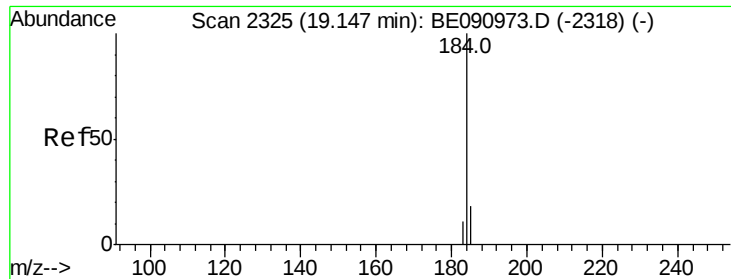
Tot Ion:202 Resp: 267931
Ion Ratio Lower Upper
202 100
101 14.1 11.0 16.6
203 17.1 13.9 20.9



#26
Chrysene-d12
Concen: 5.00 ng
RT: 21.02 min Scan# 2552
Delta R.T. -0.00 min
Lab File: BE090983.D
Acq: 30 Sep 2015 17:46

Tgt Ion:240 Resp: 242190
Ion Ratio Lower Upper
240 100
120 12.2 11.0 16.4
236 26.7 21.7 32.5

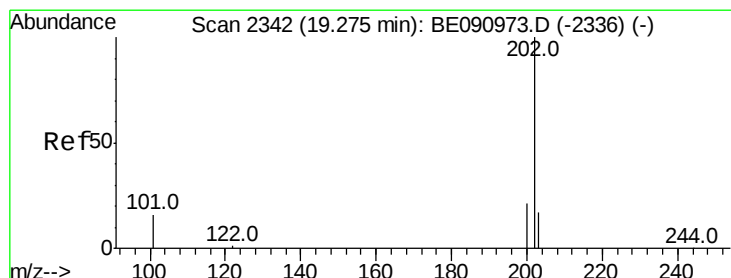
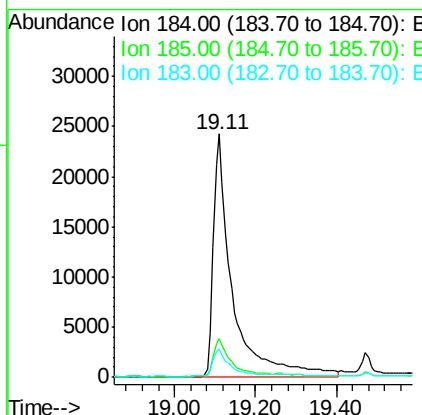
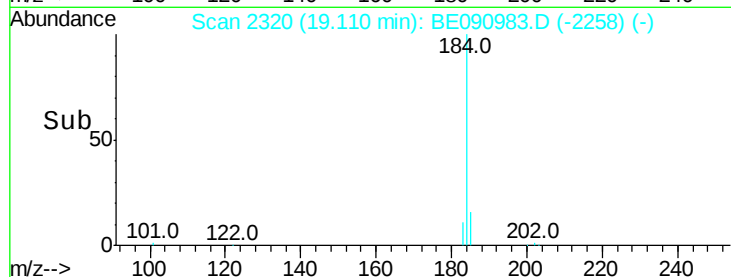
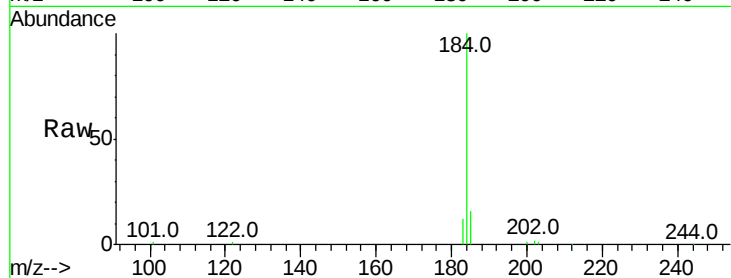




#27
Benzidine
Concen: 7.93 ng
RT: 19.11 min Scan# 2320
Delta R.T. -0.04 min
Lab File: BE090983.D
Acq: 30 Sep 2015 17:46

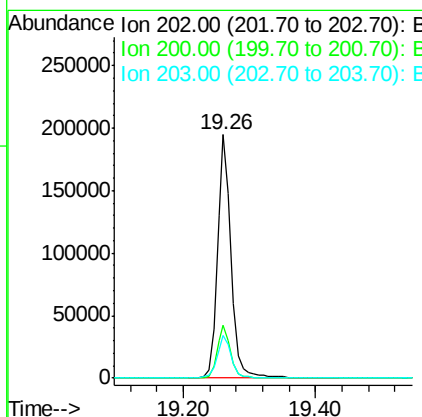
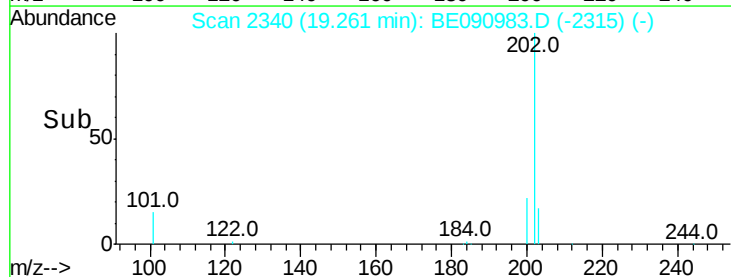
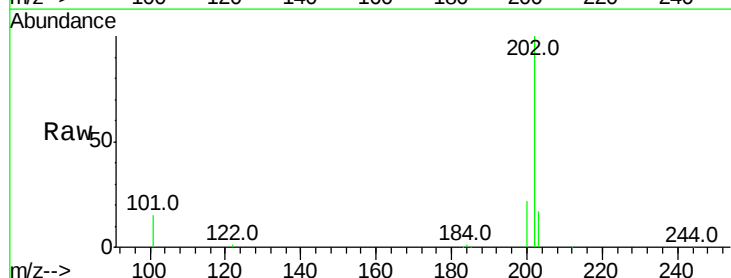
Instrument :
BNA_E
ClientSampleId :
S39-9002MS

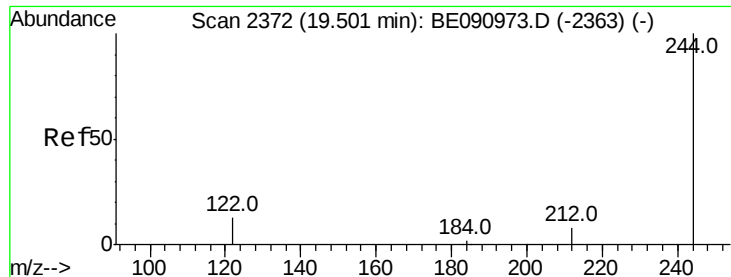
Tot Ion:184 Resp: 79369
Ion Ratio Lower Upper
184 100
185 15.9 22.3 33.5#
183 11.6 16.4 24.6#



#28
Pyrene
Concen: 5.05 ng
RT: 19.26 min Scan# 2340
Delta R.T. -0.01 min
Lab File: BE090983.D
Acq: 30 Sep 2015 17:46

Tgt Ion:202 Resp: 280796
Ion Ratio Lower Upper
202 100
200 21.5 16.8 25.2
203 18.2 14.0 21.0





#29

Terphenyl-d14

Concen: 4.83 ng

RT: 19.48 min Scan# 2369

Delta R.T. -0.02 min

Lab File: BE090983.D

Acq: 30 Sep 2015 17:46

Instrument :

BNA_E

ClientSampleId :

S39-9002MS

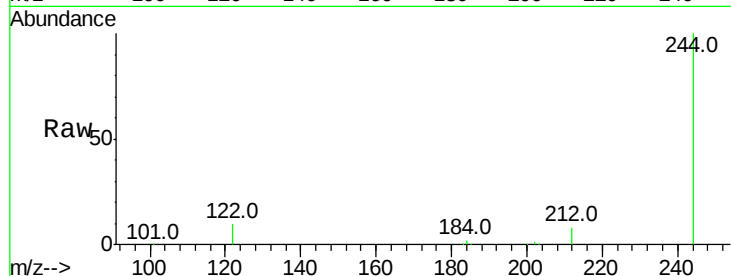
Tot Ion:244 Resp: 144173

Ion Ratio Lower Upper

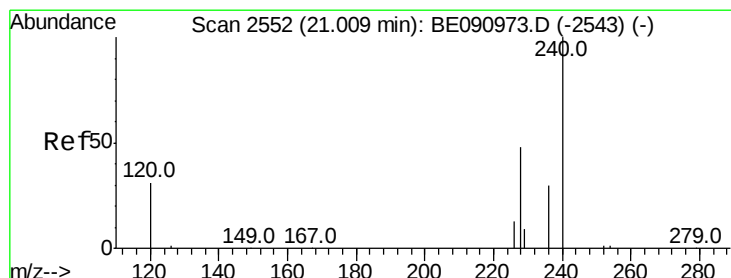
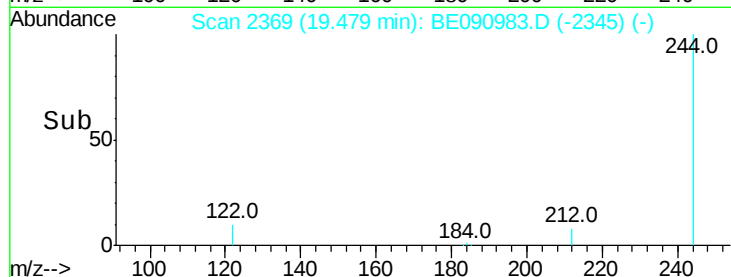
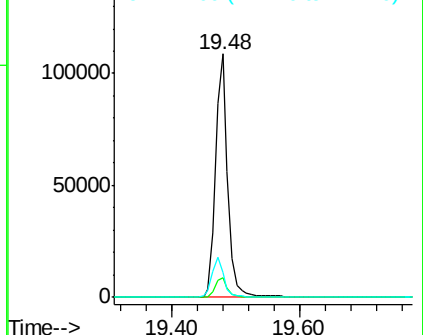
244 100

212 7.9 6.9 10.3

122 9.9 11.0 16.4#



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 4.93 ng

RT: 21.00 min Scan# 2550

Delta R.T. -0.01 min

Lab File: BE090983.D

Acq: 30 Sep 2015 17:46

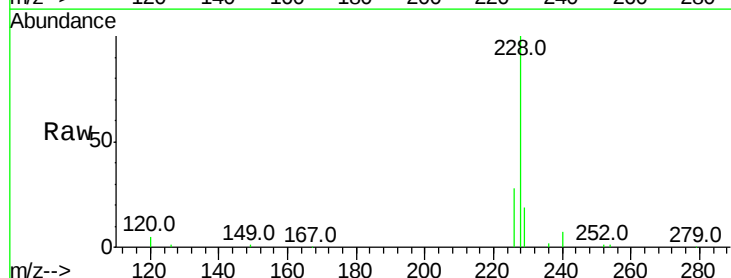
Tgt Ion:228 Resp: 265597

Ion Ratio Lower Upper

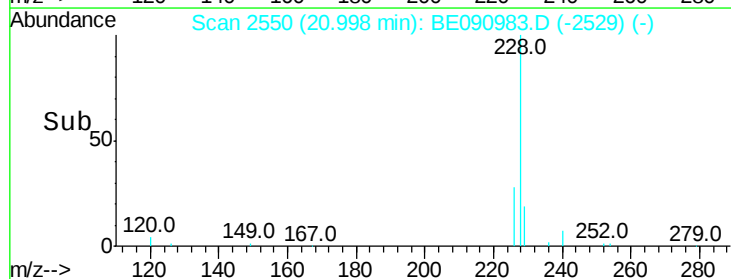
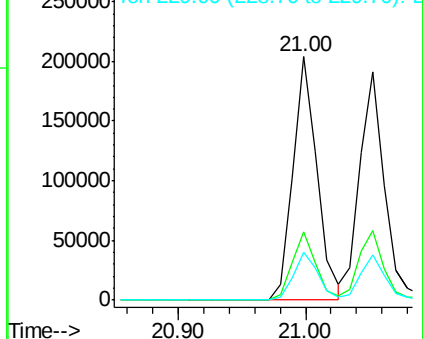
228 100

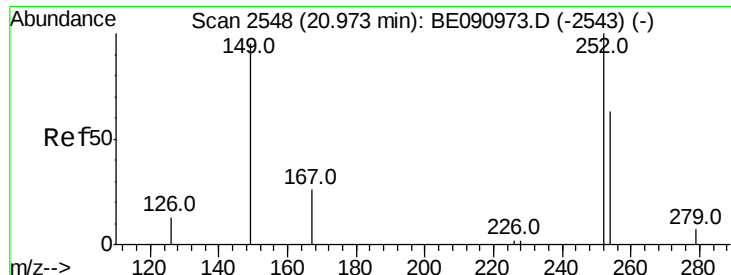
226 27.8 21.0 31.4

229 19.5 15.7 23.5



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

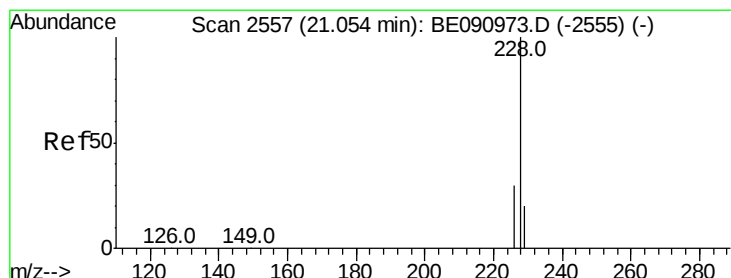
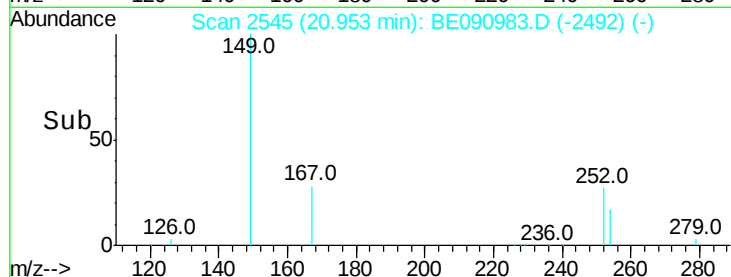
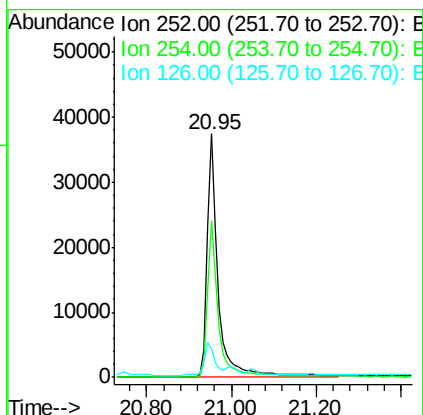
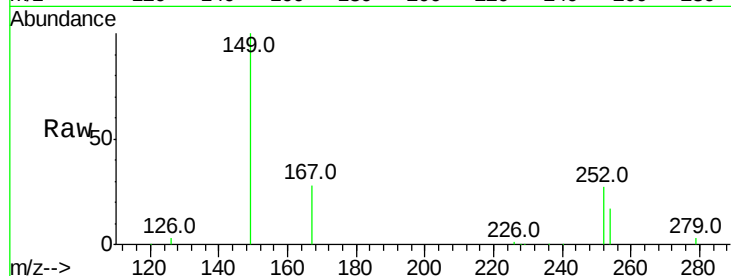




#31
 3,3'-Dichlorobenzidine
 Concen: 5.85 ng
 RT: 20.95 min Scan# 2545
 Delta R.T. -0.02 min
 Lab File: BE090983.D
 Acq: 30 Sep 2015 17:46

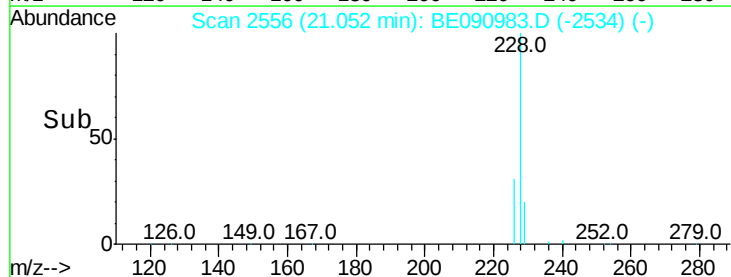
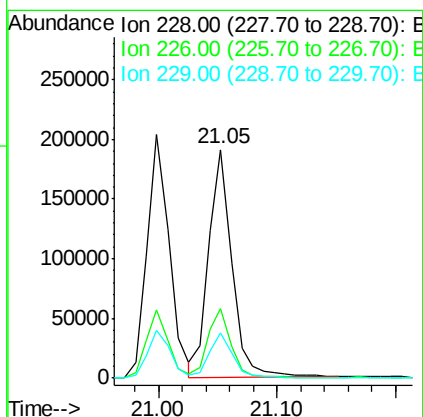
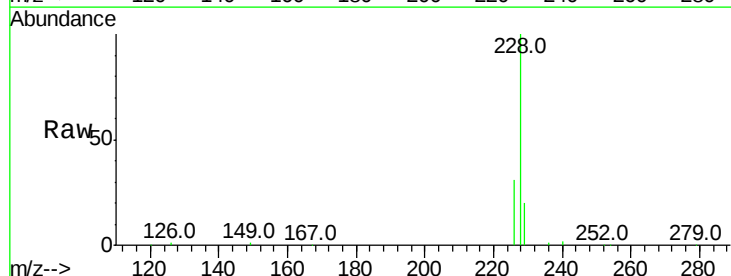
Instrument :
 BNA_E
 ClientSampleId :
 S39-9002MS

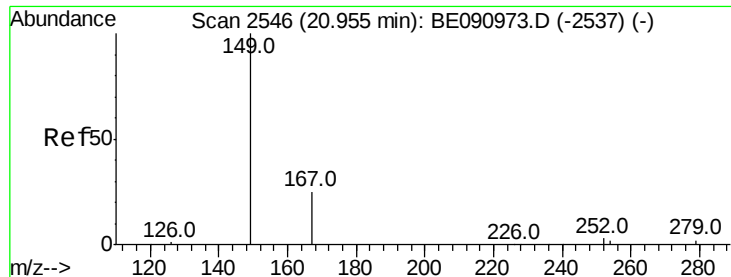
Tot Ion:252 Resp: 66555
 Ion Ratio Lower Upper
 252 100
 254 64.2 51.1 76.7
 126 11.7 12.6 18.8#



#32
 Chrysene
 Concen: 4.59 ng
 RT: 21.05 min Scan# 2556
 Delta R.T. -0.00 min
 Lab File: BE090983.D
 Acq: 30 Sep 2015 17:46

Tgt Ion:228 Resp: 259541
 Ion Ratio Lower Upper
 228 100
 226 30.6 24.0 36.0
 229 19.8 15.9 23.9





#33

Bis(2-ethylhexyl)phthalate

Concen: 6.17 ng

RT: 20.95 min Scan# 2545

Delta R.T. -0.00 min

Lab File: BE090983.D

Acq: 30 Sep 2015 17:46

Instrument :

BNA_E

ClientSampleId :

S39-9002MS

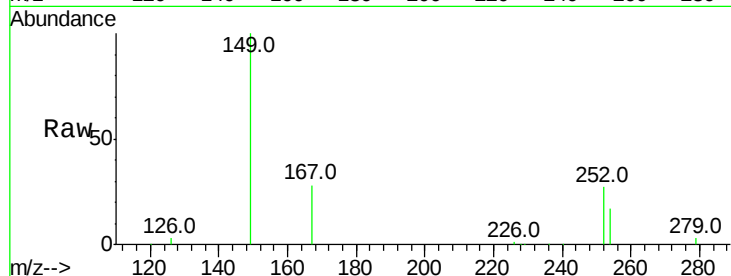
Tot Ion:149 Resp: 159441

Ion Ratio Lower Upper

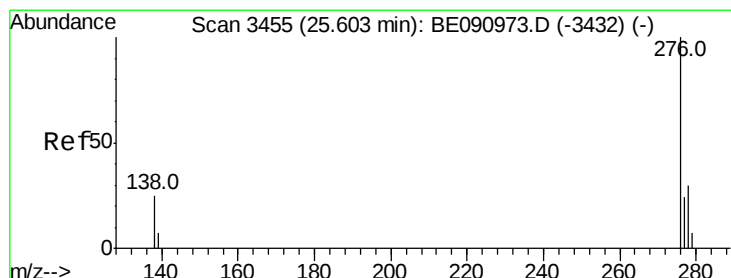
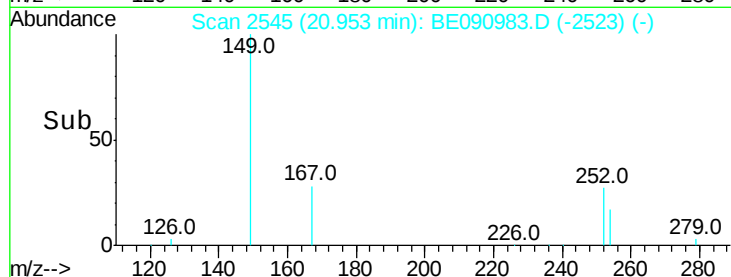
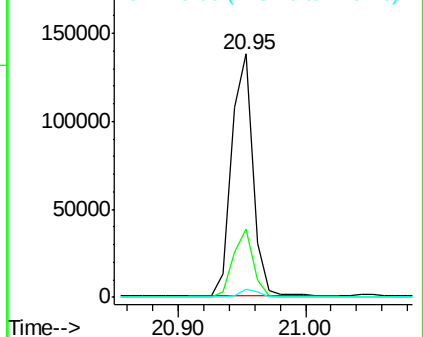
149 100

167 26.1 19.5 29.3

279 3.1 2.3 3.5



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



#34

Indeno(1,2,3-cd)pyrene

Concen: 4.98 ng

RT: 25.59 min Scan# 3452

Delta R.T. -0.01 min

Lab File: BE090983.D

Acq: 30 Sep 2015 17:46

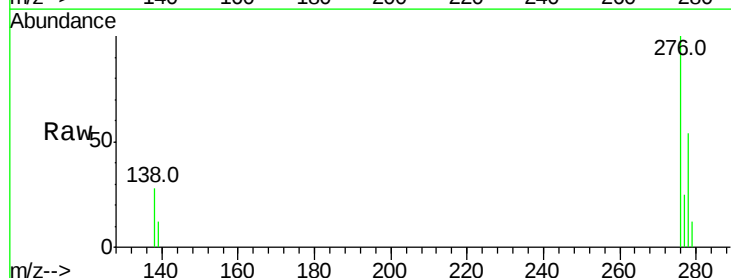
Tgt Ion:276 Resp: 302175

Ion Ratio Lower Upper

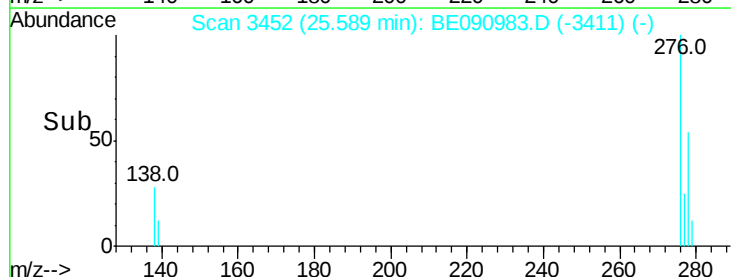
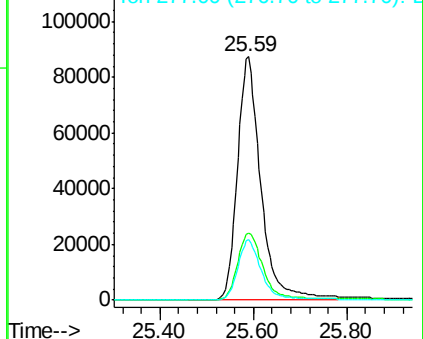
276 100

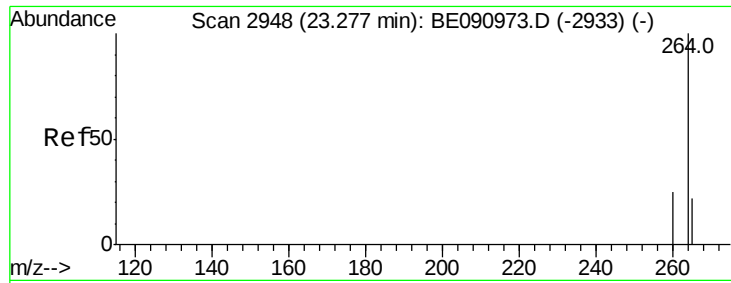
138 30.0 23.4 35.2

277 25.1 19.8 29.8



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

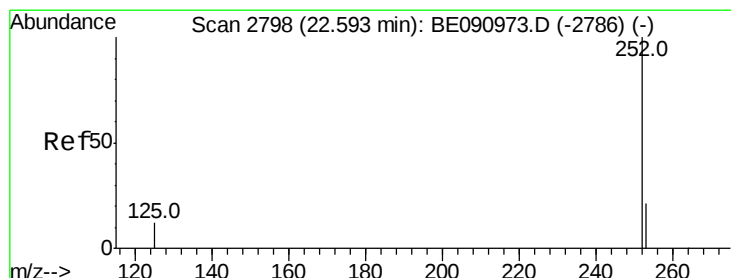
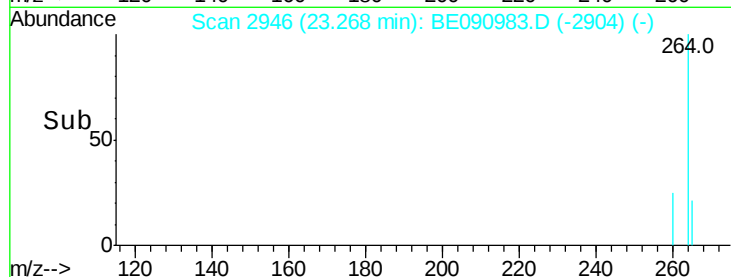
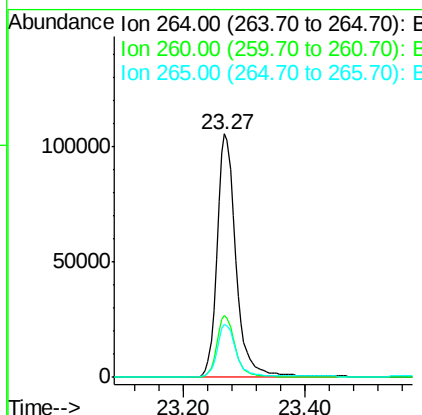
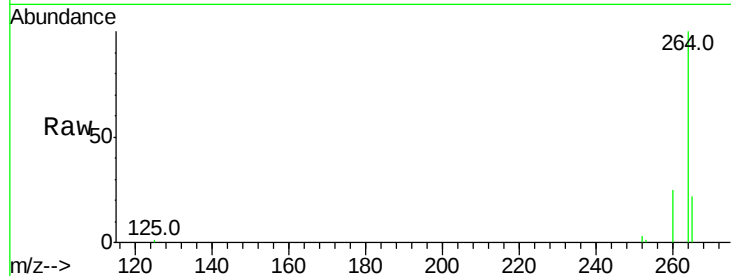




#35
 Pervlene-d12
 Concen: 5.00 ng
 RT: 23.27 min Scan# 2946
 Delta R.T. -0.01 min
 Lab File: BE090983.D
 Acq: 30 Sep 2015 17:46

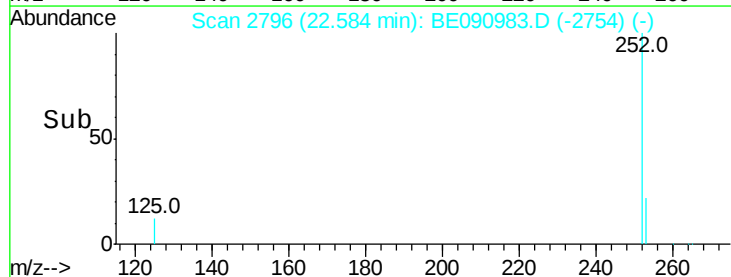
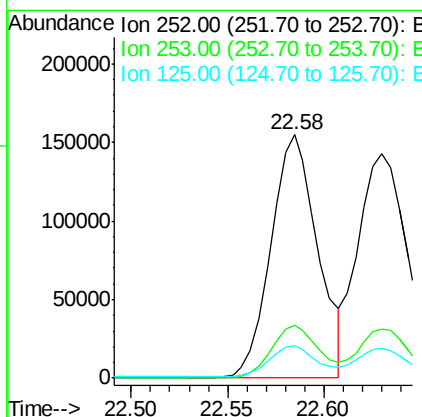
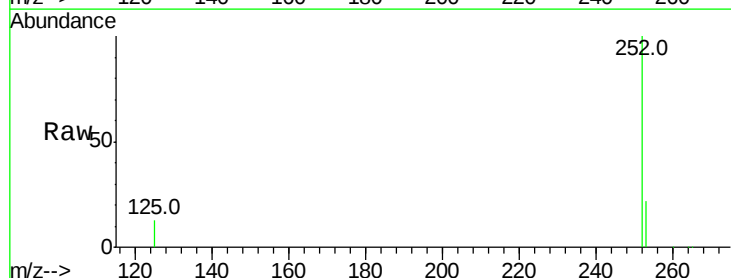
Instrument :
 BNA_E
 ClientSampleId :
 S39-9002MS

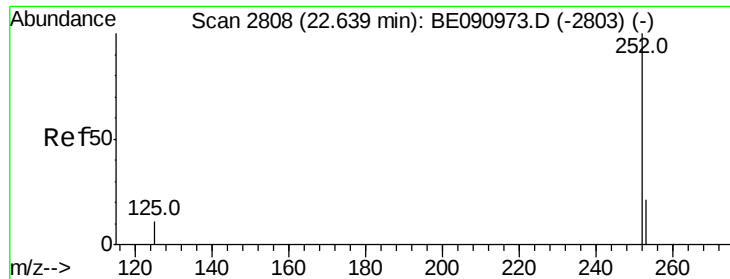
Tot Ion:264 Resp: 228921
 Ion Ratio Lower Upper
 264 100
 260 25.2 20.0 30.0
 265 21.6 17.5 26.3



#36
 Benzo(b)fluoranthene
 Concen: 5.18 ng
 RT: 22.58 min Scan# 2796
 Delta R.T. -0.01 min
 Lab File: BE090983.D
 Acq: 30 Sep 2015 17:46

Tgt Ion:252 Resp: 261559
 Ion Ratio Lower Upper
 252 100
 253 21.8 17.4 26.0
 125 13.1 10.2 15.2

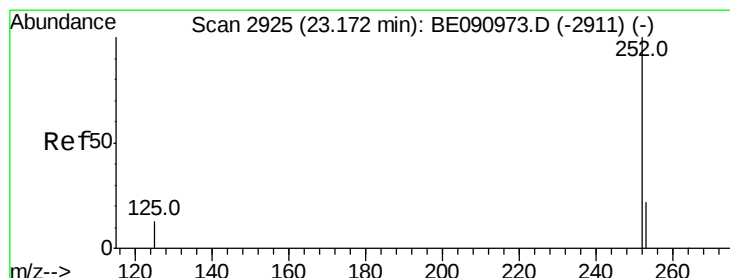
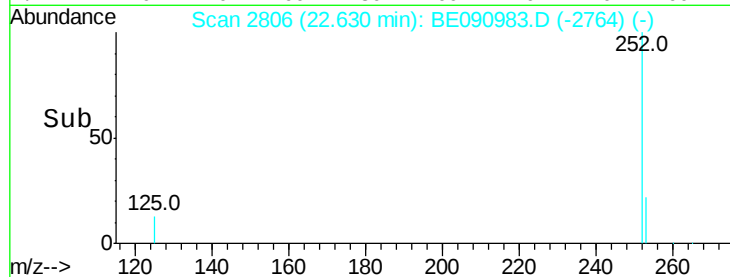
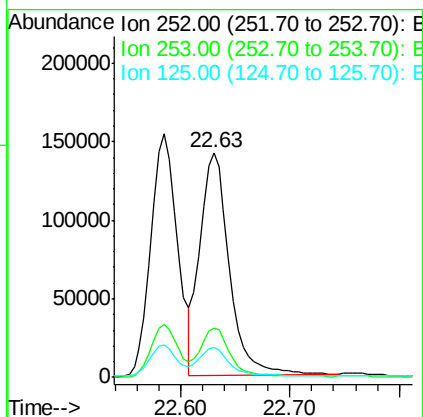
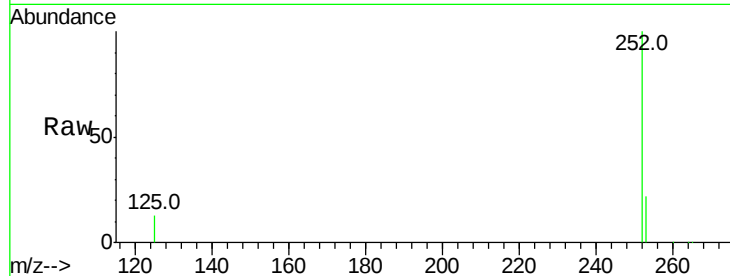




#37
Benzo(k)fluoranthene
Concen: 4.37 ng
RT: 22.63 min Scan# 2806
Delta R.T. -0.01 min
Lab File: BE090983.D
Acq: 30 Sep 2015 17:46

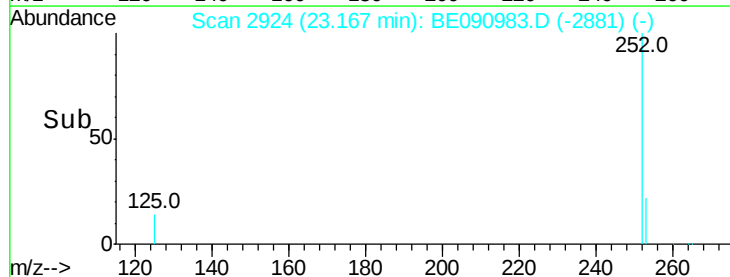
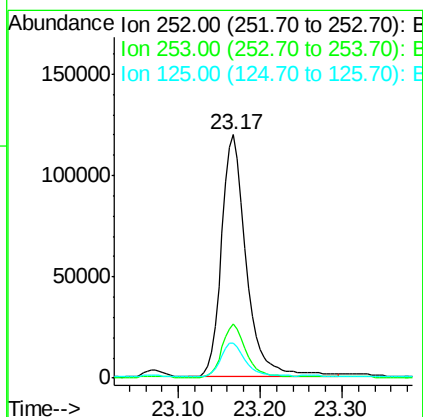
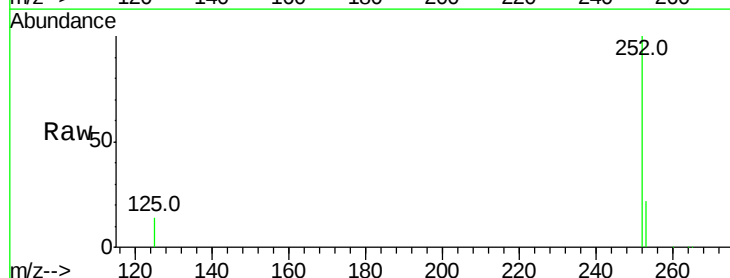
Instrument :
BNA_E
ClientSampleId :
S39-9002MS

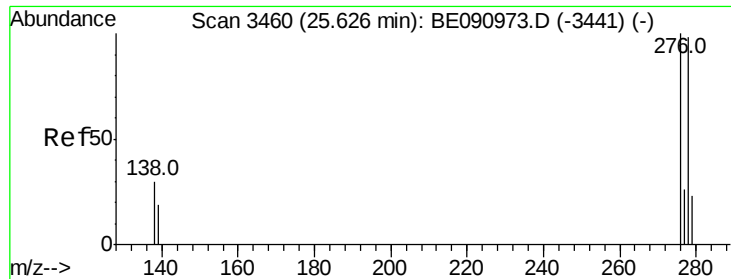
Tot Ion:252 Resp: 266679
Ion Ratio Lower Upper
252 100
253 21.8 17.6 26.4
125 13.3 9.9 14.9



#38
Benzo(a)pyrene
Concen: 5.39 ng
RT: 23.17 min Scan# 2924
Delta R.T. -0.00 min
Lab File: BE090983.D
Acq: 30 Sep 2015 17:46

Tgt Ion:252 Resp: 252424
Ion Ratio Lower Upper
252 100
253 22.1 18.1 27.1
125 14.3 11.0 16.4





#39

Dibenzo(a,h)anthracene

Concen: 5.31 ng

RT: 25.61 min Scan# 3456

Delta R.T. -0.02 min

Lab File: BE090983.D

Acq: 30 Sep 2015 17:46

Instrument :

BNA_E

ClientSampleId :

S39-9002MS

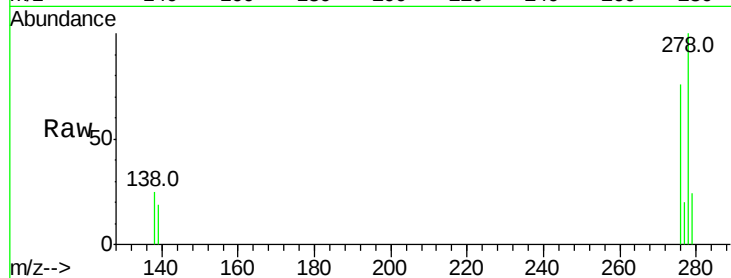
Tot Ion:278 Resp: 245201

Ion Ratio Lower Upper

278 100

139 19.0 16.0 24.0

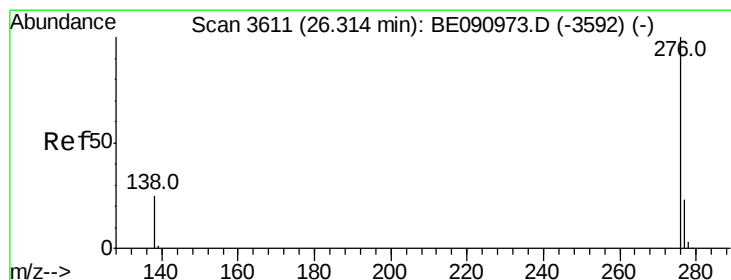
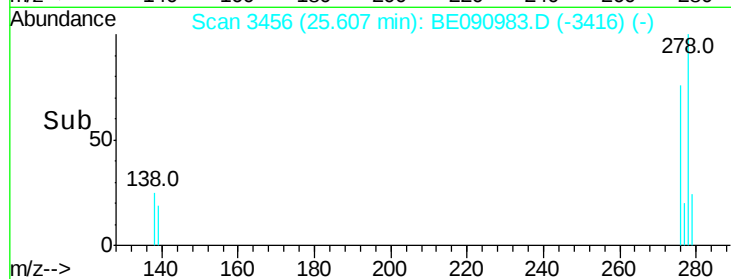
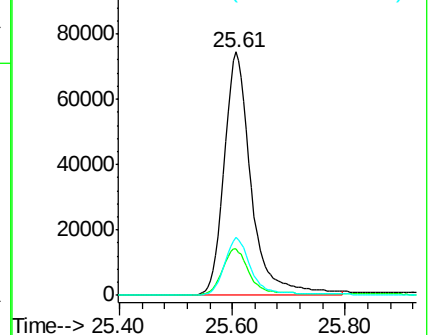
279 23.7 19.4 29.2



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#40

Benzo(g,h,i)perylene

Concen: 5.08 ng

RT: 26.30 min Scan# 3608

Delta R.T. -0.01 min

Lab File: BE090983.D

Acq: 30 Sep 2015 17:46

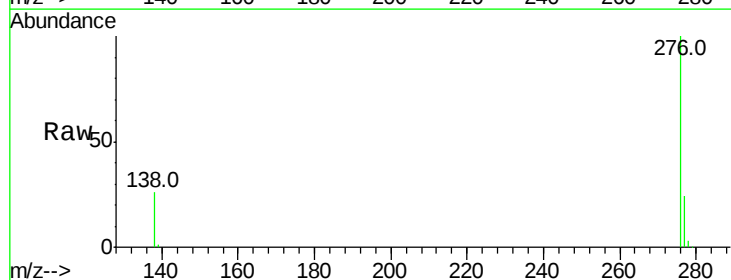
Tgt Ion:276 Resp: 254887

Ion Ratio Lower Upper

276 100

277 23.7 18.6 28.0

138 25.6 20.4 30.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

