

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE093015\
 Data File : BE090981.D
 Acq On : 30 Sep 2015 16:31
 Operator : UM/IZ
 Sample : PB85802BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB85802BS

Quant Time: Oct 01 01:23:47 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	25167	5.00	ng	0.00
7) Naphthalene-d8	10.23	136	114396	5.00	ng	-0.02
13) Acenaphthene-d10	14.11	164	65183	5.00	ng	0.00
19) Phenanthrene-d10	16.86	188	160382	5.00	ng	0.00
26) Chrysene-d12	21.02	240	209698	5.00	ng	0.00
35) Perylene-d12	23.27	264	182687	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.11	112	37995	7.45	ng	0.00
5) Phenol-d6	6.68	99	57198	8.88	ng	-0.04
8) Nitrobenzene-d5	8.63	82	29331	3.93	ng	-0.02
14) 2,4,6-Tribromophenol	15.62	330	17746	7.86	ng	-0.02
15) 2-Fluorobiphenyl	12.73	172	68410	3.87	ng	-0.02
29) Terphenyl-d14	19.49	244	105883	4.10	ng	-0.01

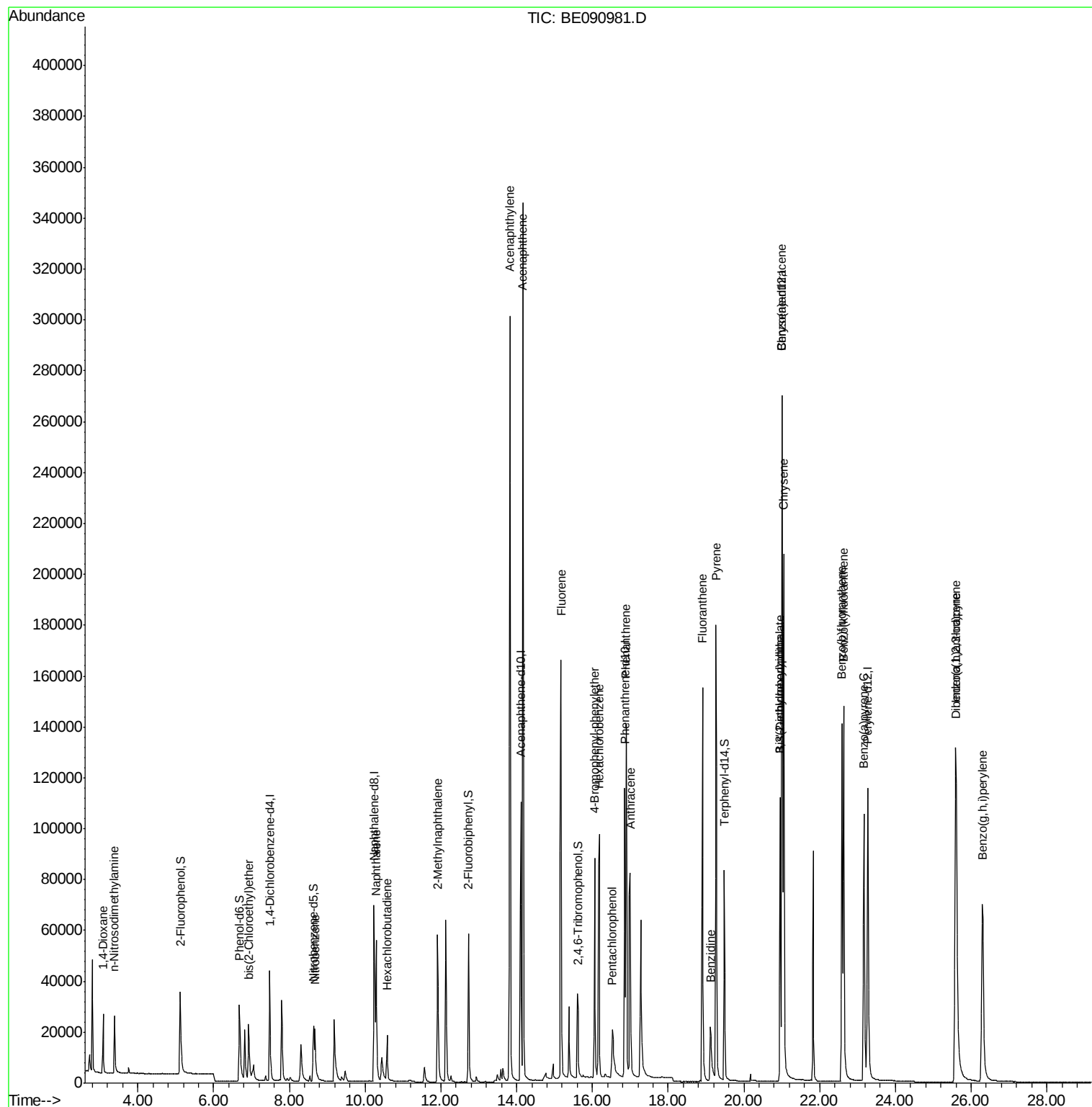
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.08	88	12701	3.87	ng	97
3) n-Nitrosodimethylamine	3.38	42	14688	3.73	ng	100
6) bis(2-Chloroethyl)ether	6.92	93	23826	3.49	ng	# 75
9) Nitrobenzene	8.67	77	29999	3.57	ng	99
10) Naphthalene	10.29	128	88357	4.01	ng	99
11) Hexachlorobutadiene	10.58	225	13904	3.98	ng	99
12) 2-Methylnaphthalene	11.91	142	56309	3.88	ng	99
16) Acenaphthylene	13.82	152	405707	3.73	ng	100
17) Acenaphthene	14.17	154	64591	3.71	ng	99
18) Fluorene	15.17	166	82425	3.83	ng	99
20) 4-Bromophenyl-phenylether	16.06	248	21365	3.53	ng	89
21) Hexachlorobenzene	16.18	284	109464	4.03	ng	98
22) Pentachlorophenol	16.53	266	18617	7.31	ng	90
23) Phenanthrene	16.89	178	154859	4.24	ng	100
24) Anthracene	17.00	178	139851	4.02	ng	99
25) Fluoranthene	18.91	202	172163	4.13	ng	100
27) Benzidine	19.12	184	65126	7.69	ng	# 79
28) Pyrene	19.27	202	194273	4.03	ng	99
30) Benzo(a)anthracene	21.00	228	192122	4.12	ng	97
31) 3,3'-Dichlorobenzidine	20.96	252	38235	4.26	ng	# 98
32) Chrysene	21.05	228	200987	4.09	ng	99
33) Bis(2-ethylhexyl)phthalate	20.95	149	72403	3.75	ng	97
34) Indeno(1,2,3-cd)pyrene	25.59	276	203997	3.91	ng	99
36) Benzo(b)fluoranthene	22.59	252	177457	4.41	ng	100
37) Benzo(k)fluoranthene	22.63	252	203086	4.16	ng	100
38) Benzo(a)pyrene	23.17	252	163446	4.38	ng	99
39) Dibenzo(a,h)anthracene	25.61	278	165377	4.48	ng	99
40) Benzo(g,h,i)perylene	26.30	276	171617	4.29	ng	99

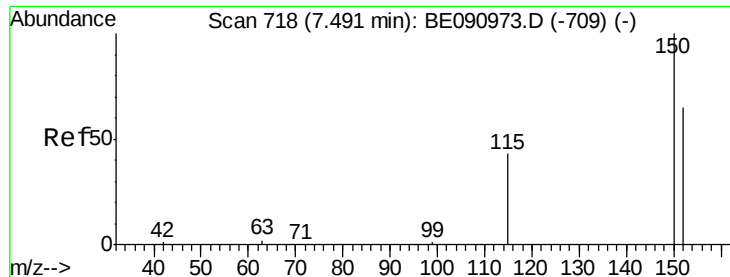
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE093015\
Data File : BE090981.D
Acq On : 30 Sep 2015 16:31
Operator : UM/IZ
Sample : PB85802BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB85802BS

Quant Time: Oct 01 01:23:47 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: BE090981.D

Acq: 30 Sep 2015 16:31

Instrument :

BNA_E

ClientSampled :

PB85802BS

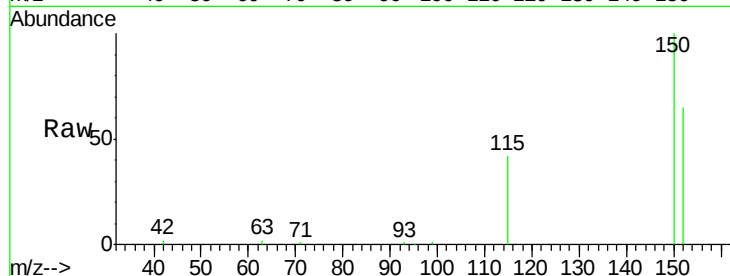
Tgt Ion:152 Resp: 25167

Ion Ratio Lower Upper

152 100

150 152.7 122.6 183.8

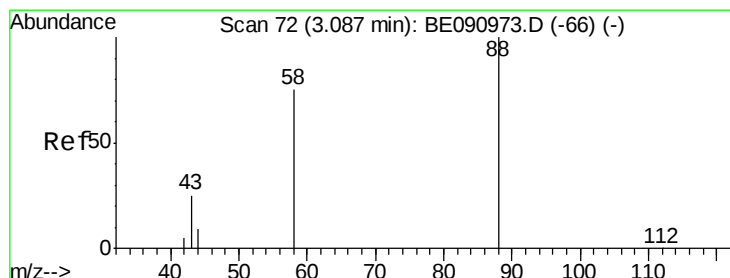
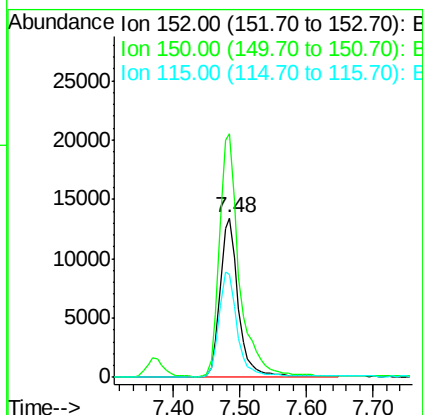
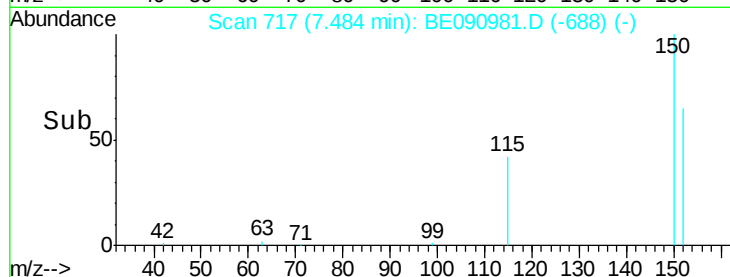
115 64.4 52.8 79.2



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: 3.87 ng

RT: 3.08 min Scan# 71

Delta R.T. -0.01 min

Lab File: BE090981.D

Acq: 30 Sep 2015 16:31

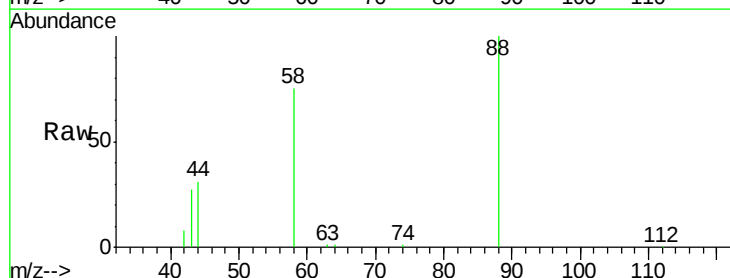
Tgt Ion: 88 Resp: 12701

Ion Ratio Lower Upper

88 100

58 86.3 65.8 98.6

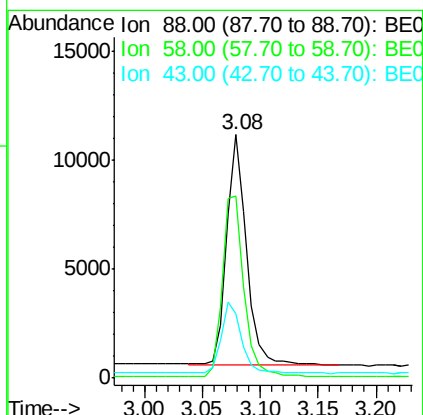
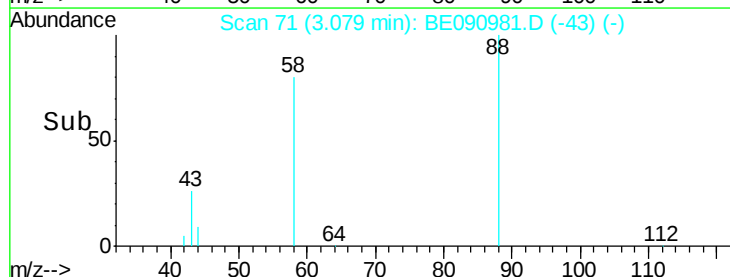
43 31.2 25.3 37.9

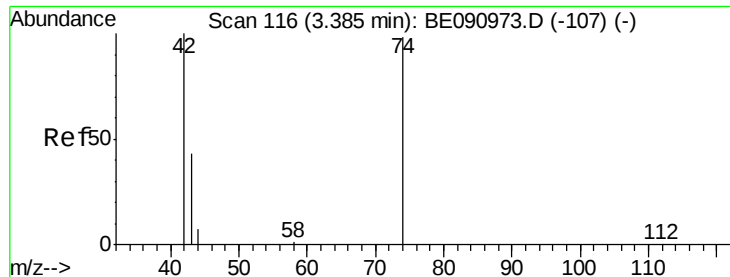


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



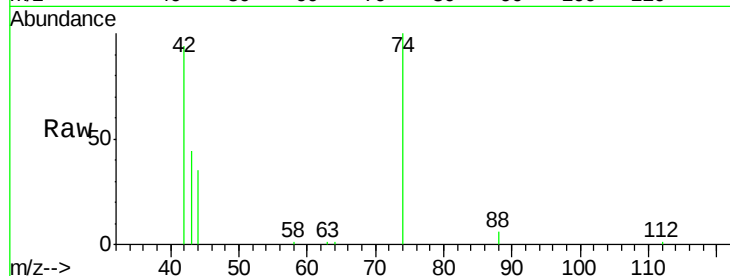


#3

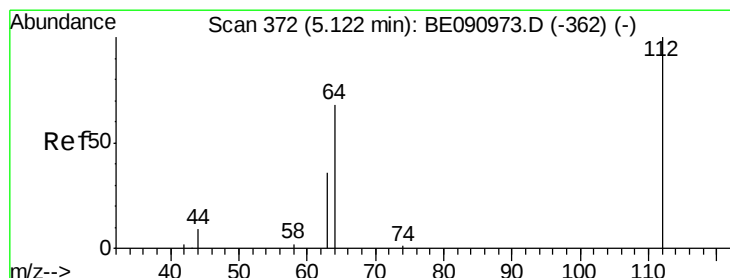
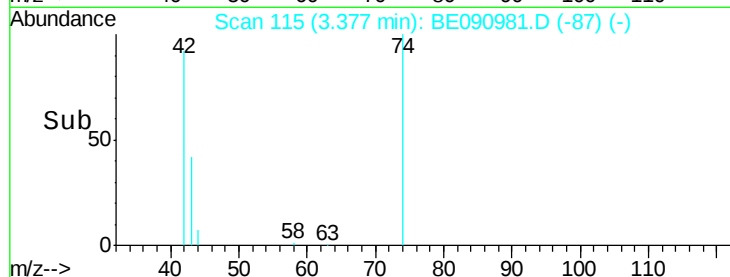
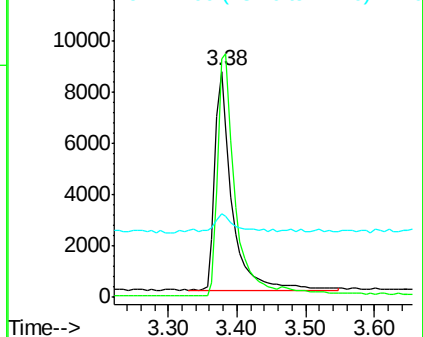
n-Nitrosodimethylamine
 Concen: 3.73 ng
 RT: 3.38 min Scan# 115
 Delta R.T. -0.01 min
 Lab File: BE090981.D
 Acq: 30 Sep 2015 16:31

Instrument :
 BNA_E
 ClientSampleId :
 PB85802BS

Tgt Ion: 42 Resp: 14688
 Ion Ratio Lower Upper
 42 100
 74 110.0 87.9 131.9
 44 9.6 6.6 9.8



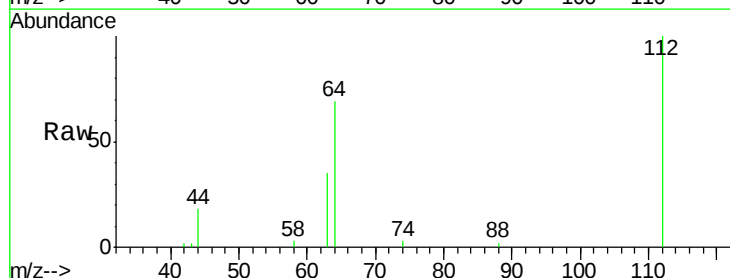
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



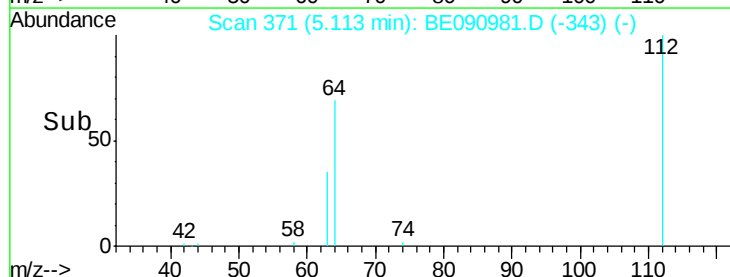
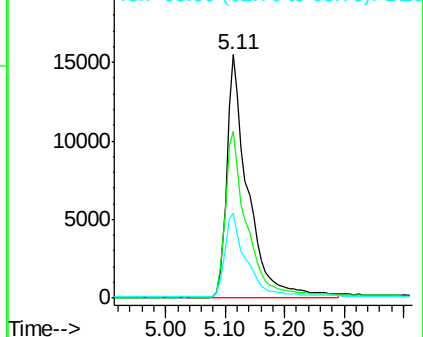
#4

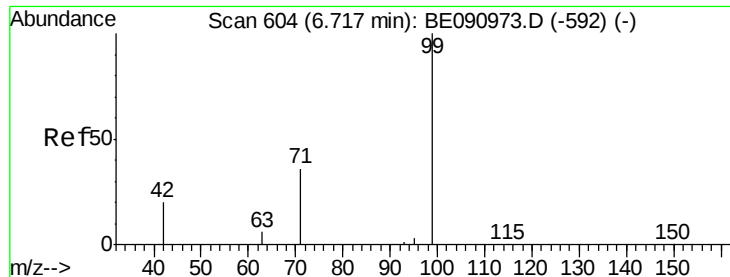
2-Fluorophenol
 Concen: 7.45 ng
 RT: 5.11 min Scan# 371
 Delta R.T. -0.01 min
 Lab File: BE090981.D
 Acq: 30 Sep 2015 16:31

Tgt Ion: 112 Resp: 37995
 Ion Ratio Lower Upper
 112 100
 64 69.8 30.9 46.3#
 63 35.6 16.7 25.1#



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: 8.88 ng

RT: 6.68 min Scan# 598

Delta R.T. -0.04 min

Lab File: BE090981.D

Acq: 30 Sep 2015 16:31

Instrument :

BNA_E

ClientSampleId :

PB85802BS

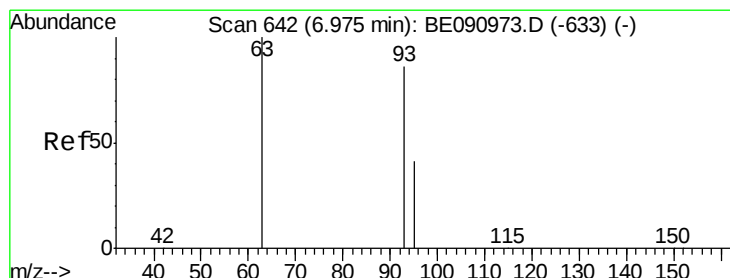
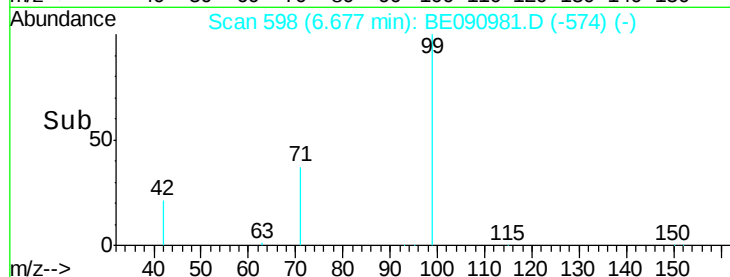
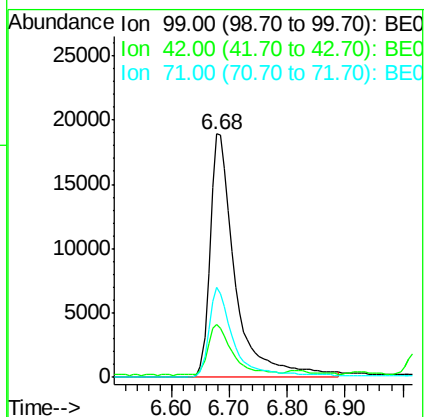
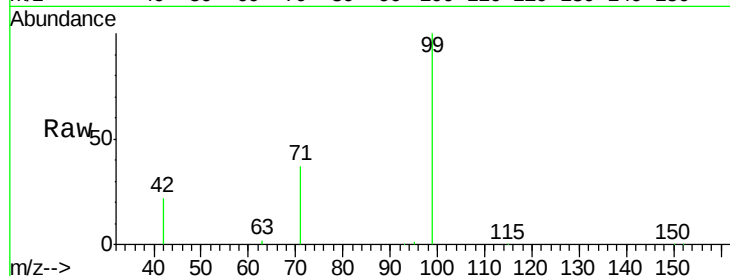
Tgt Ion: 99 Resp: 57198

Ion Ratio Lower Upper

99 100

42 20.3 16.2 24.2

71 35.7 29.0 43.4



#6

bis(2-Chloroethyl)ether

Concen: 3.49 ng

RT: 6.92 min Scan# 634

Delta R.T. -0.05 min

Lab File: BE090981.D

Acq: 30 Sep 2015 16:31

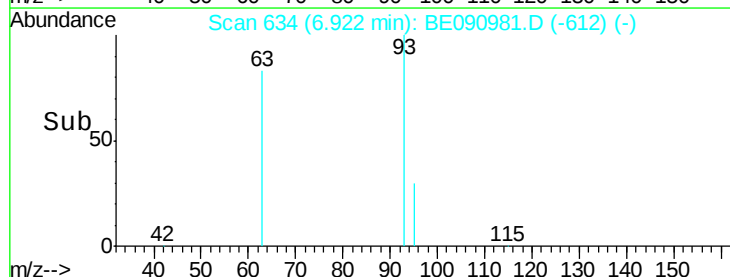
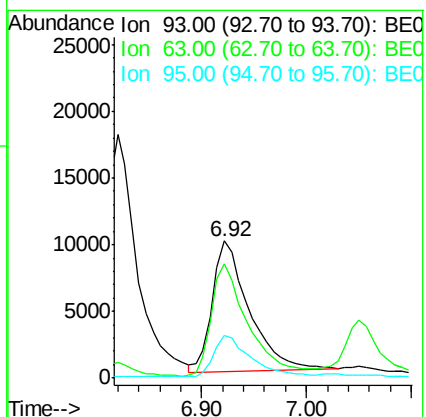
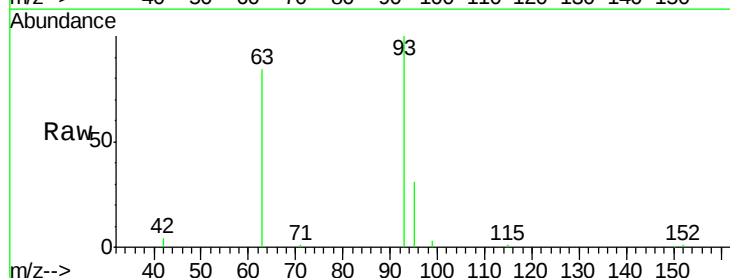
Tgt Ion: 93 Resp: 23826

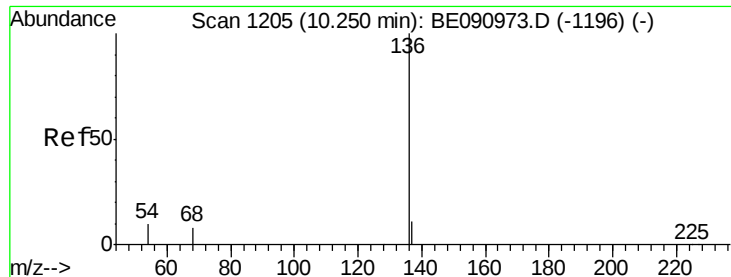
Ion Ratio Lower Upper

93 100

63 86.7 49.5 74.3#

95 32.0 22.2 33.4





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.23 min Scan# 1202

Delta R.T. -0.02 min

Lab File: BE090981.D

Acq: 30 Sep 2015 16:31

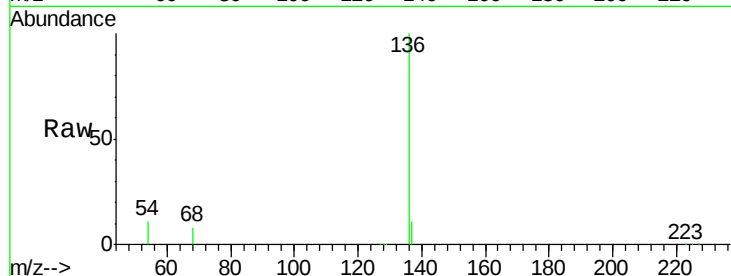
Instrument :

BNA_E

ClientSampleId :

PB85802BS

Tgt Ion:	136	Resp:	114396
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	11.4	8.2	12.4
68	8.1	6.2	9.4

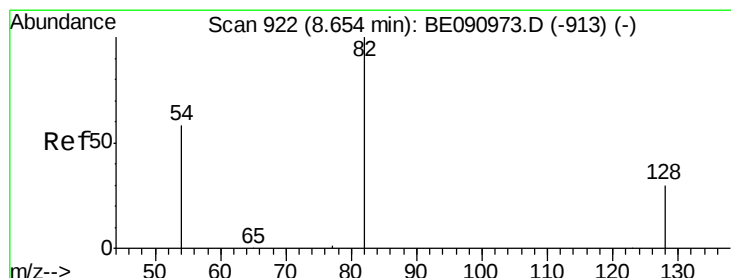
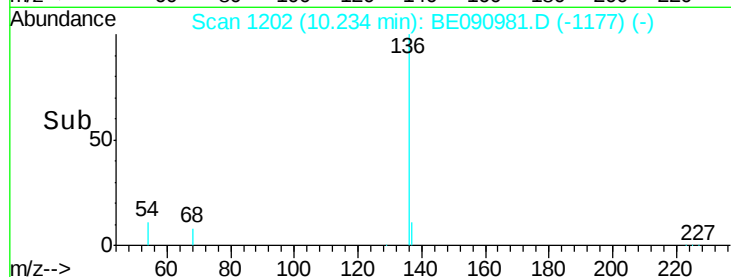
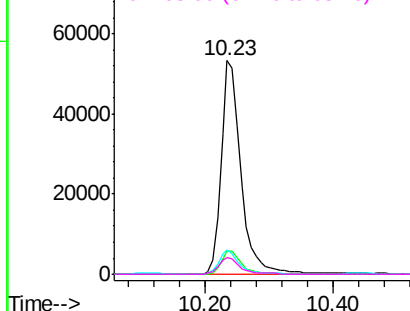


Abundance Ion 136.00 (135.70 to 136.70): BE090981.D (-1196) (-)

Ion 137.00 (136.70 to 137.70): BE090981.D (-1196) (-)

Ion 54.00 (53.70 to 54.70): BE090981.D (-1196) (-)

Ion 68.00 (67.70 to 68.70): BE090981.D (-1196) (-)



#8

Nitrobenzene-d5

Concen: 3.93 ng

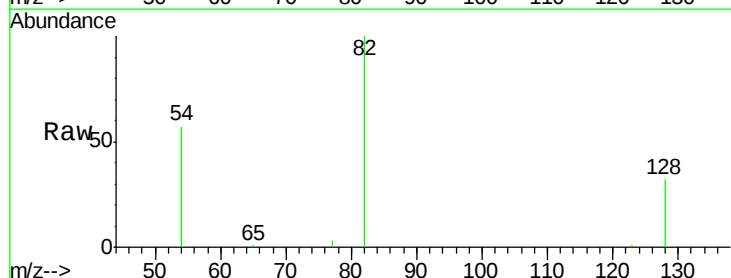
RT: 8.63 min Scan# 917

Delta R.T. -0.02 min

Lab File: BE090981.D

Acq: 30 Sep 2015 16:31

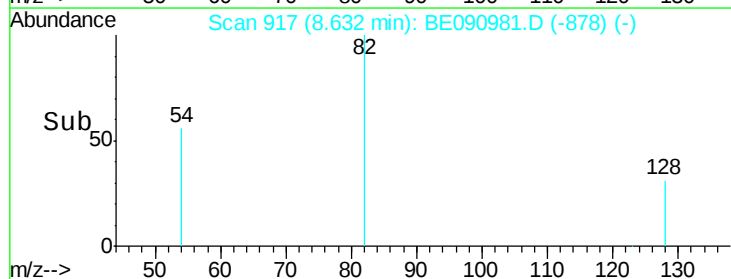
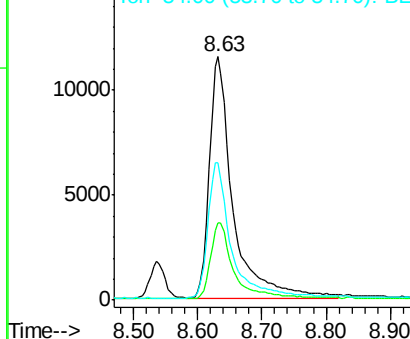
Tgt Ion:	82	Resp:	29331
Ion	Ratio	Lower	Upper
82	100		
128	31.6	25.4	38.0
54	56.5	48.4	72.6

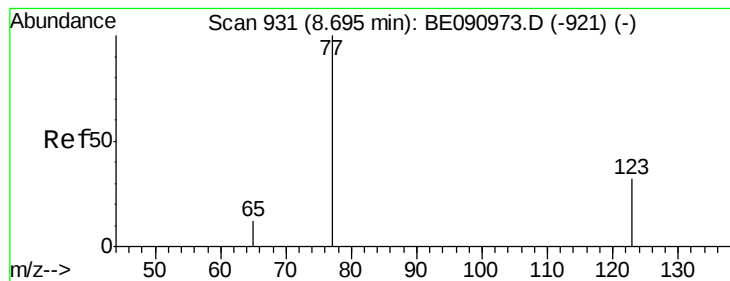


Abundance Ion 82.00 (81.70 to 82.70): BE090981.D (-878) (-)

Ion 128.00 (127.70 to 128.70): BE090981.D (-878) (-)

Ion 54.00 (53.70 to 54.70): BE090981.D (-878) (-)





#9

Nitrobenzene

Concen: 3.57 ng

RT: 8.67 min Scan# 926

Delta R.T. -0.02 min

Lab File: BE090981.D

Acq: 30 Sep 2015 16:31

Instrument :

BNA_E

ClientSampleId :

PB85802BS

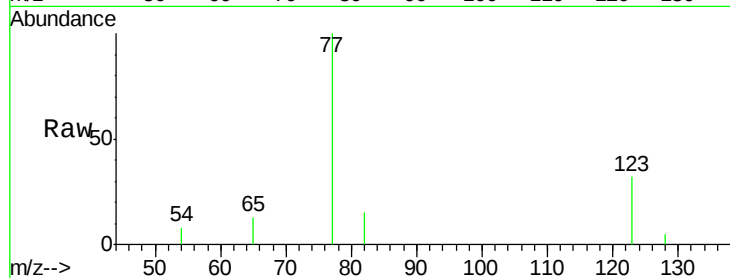
Tgt Ion: 77 Resp: 29999

Ion Ratio Lower Upper

77 100

123 34.0 26.9 40.3

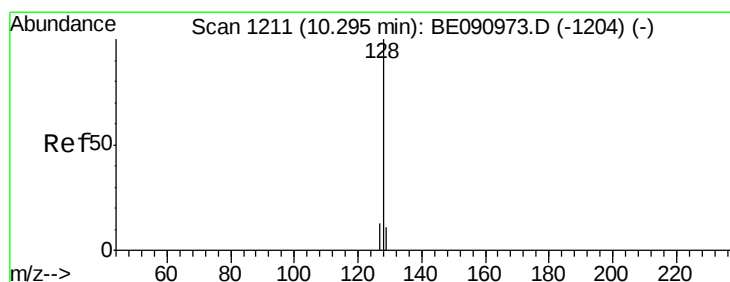
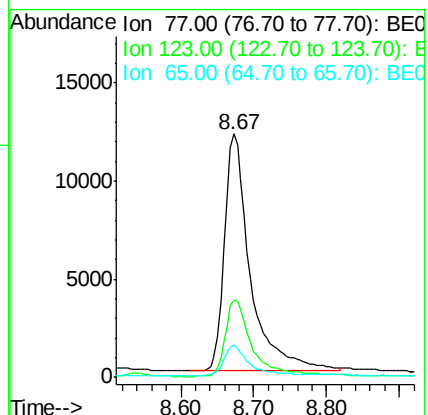
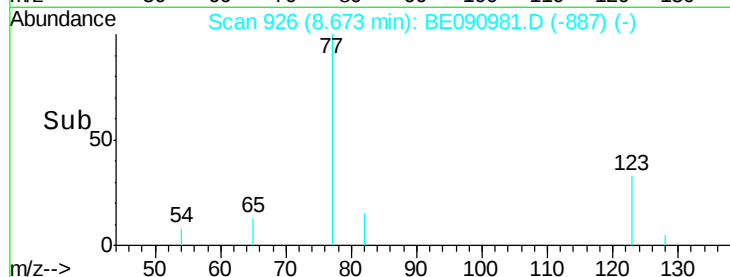
65 12.6 9.4 14.2



Abundance Ion 77.00 (76.70 to 77.70): BE090973.D (-921) (-)

Ion 123.00 (122.70 to 123.70): BE090973.D (-921) (-)

Ion 65.00 (64.70 to 65.70): BE090973.D (-921) (-)



#10

Naphthalene

Concen: 4.01 ng

RT: 10.29 min Scan# 1209

Delta R.T. -0.01 min

Lab File: BE090981.D

Acq: 30 Sep 2015 16:31

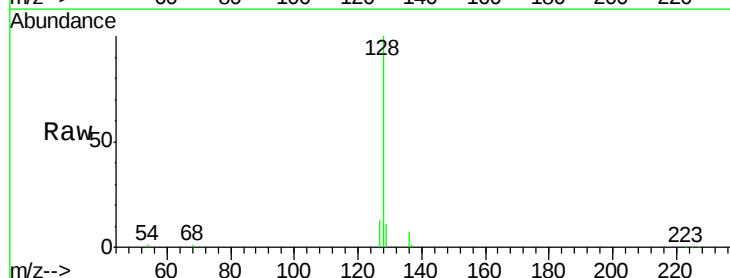
Tgt Ion: 128 Resp: 88357

Ion Ratio Lower Upper

128 100

129 11.3 9.3 13.9

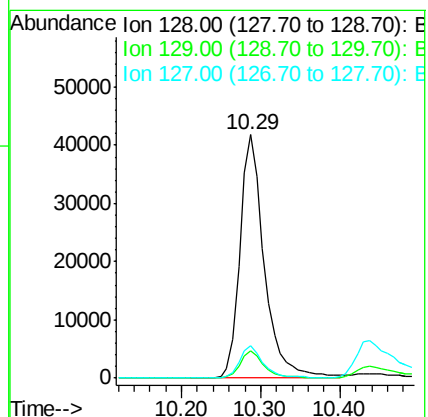
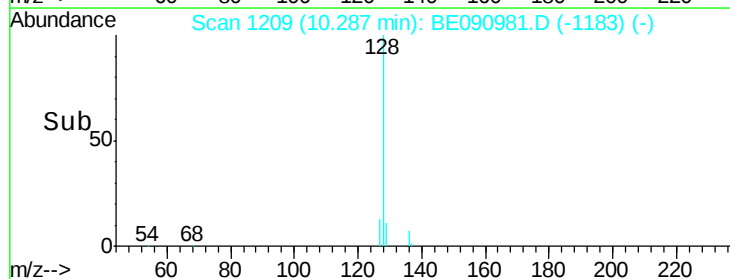
127 13.2 10.7 16.1

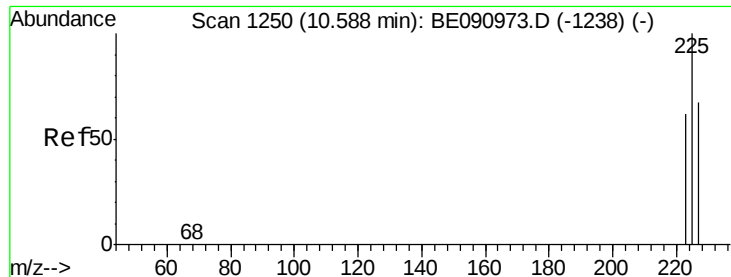


Abundance Ion 128.00 (127.70 to 128.70): BE090973.D (-1204) (-)

Ion 129.00 (128.70 to 129.70): BE090973.D (-1204) (-)

Ion 127.00 (126.70 to 127.70): BE090973.D (-1204) (-)

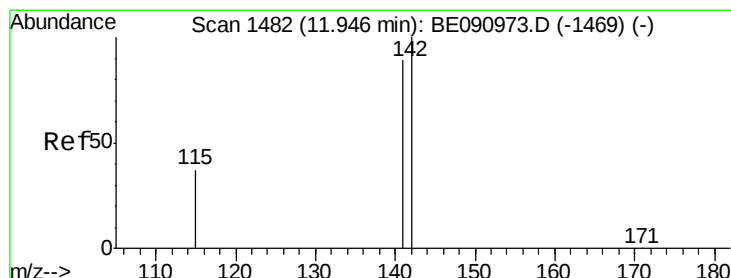
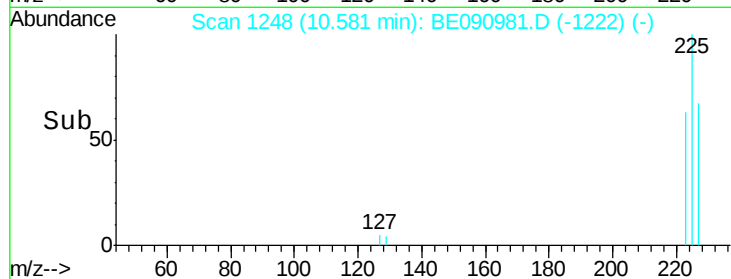
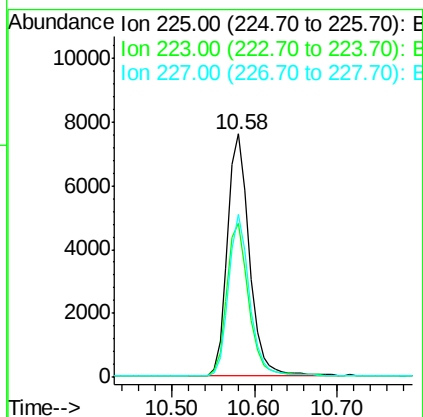
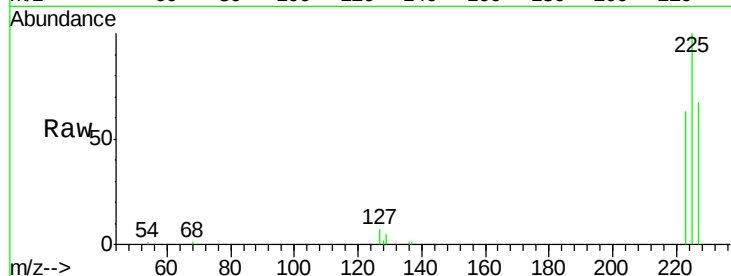




#11
Hexachlorobutadiene
Concen: 3.98 ng
RT: 10.58 min Scan# 1248
Delta R.T. -0.01 min
Lab File: BE090981.D
Acq: 30 Sep 2015 16:31

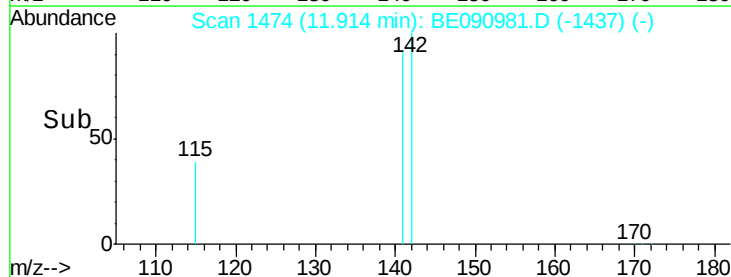
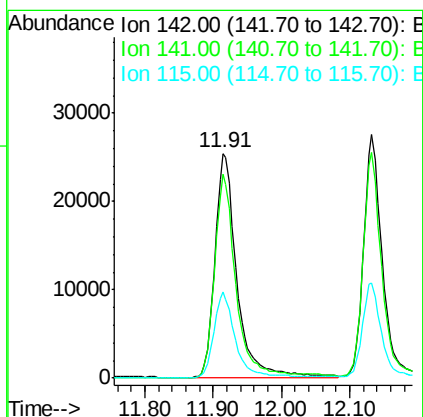
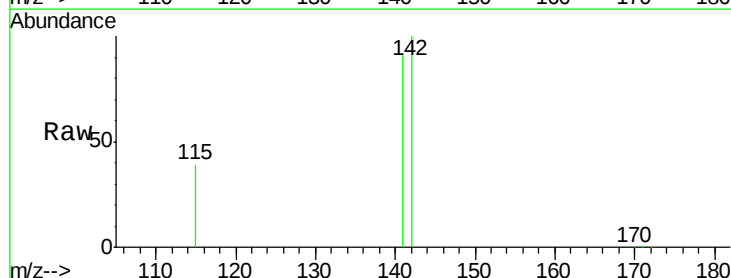
Instrument :
BNA_E
ClientSampleId :
PB85802BS

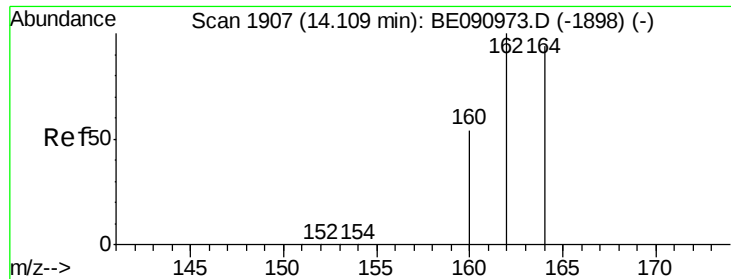
Tgt Ion: 225 Resp: 13904
Ion Ratio Lower Upper
225 100
223 62.5 49.0 73.6
227 64.0 50.3 75.5



#12
2-Methylnaphthalene
Concen: 3.88 ng
RT: 11.91 min Scan# 1474
Delta R.T. -0.03 min
Lab File: BE090981.D
Acq: 30 Sep 2015 16:31

Tgt Ion: 142 Resp: 56309
Ion Ratio Lower Upper
142 100
141 90.7 71.4 107.0
115 38.6 30.3 45.5

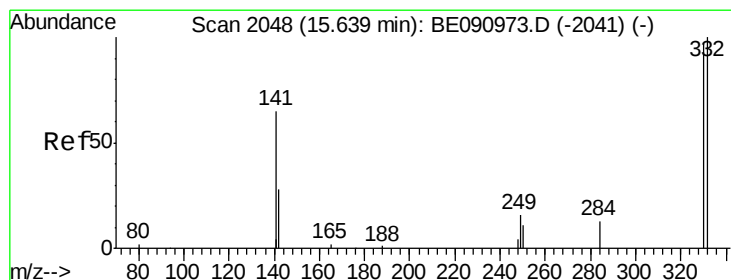
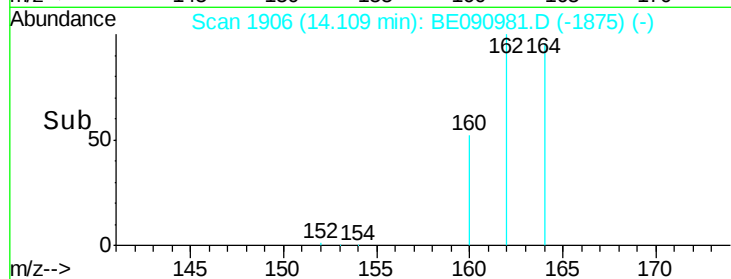
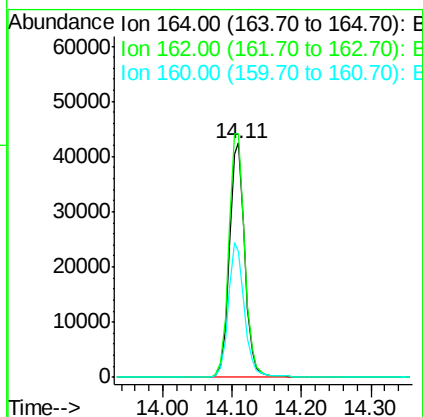
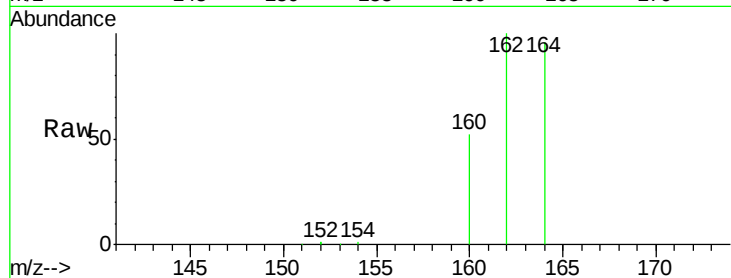




#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.11 min Scan# 1906
Delta R.T. 0.00 min
Lab File: BE090981.D
Acq: 30 Sep 2015 16:31

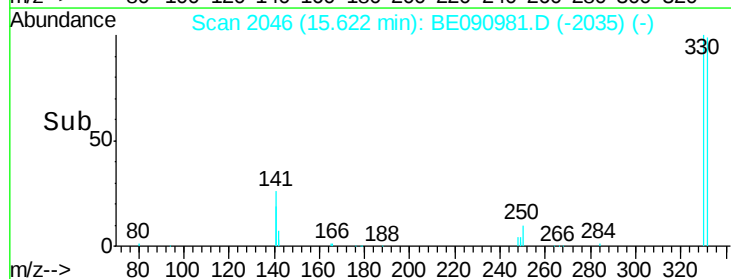
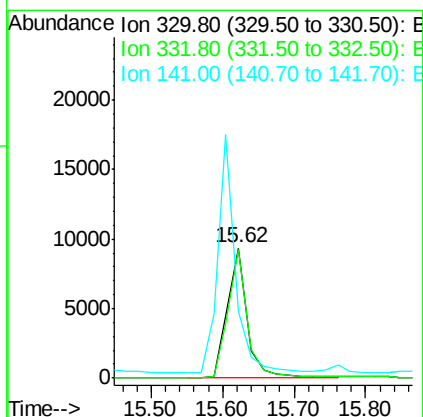
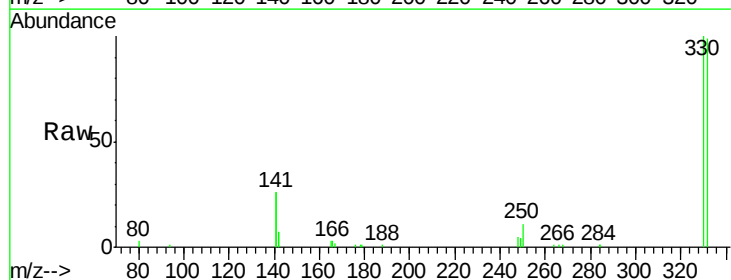
Instrument :
BNA_E
ClientSampleId :
PB85802BS

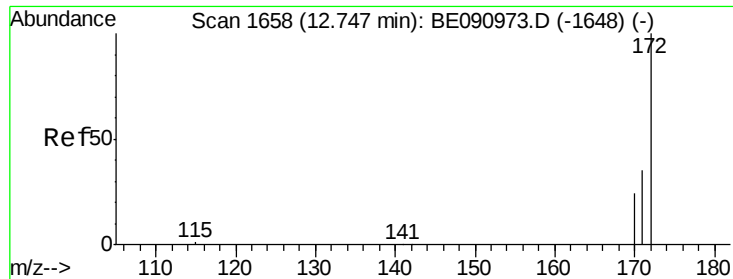
Tgt Ion:164 Resp: 65183
Ion Ratio Lower Upper
164 100
162 103.8 85.3 127.9
160 53.8 46.2 69.2



#14
2,4,6-Tribromophenol
Concen: 7.86 ng
RT: 15.62 min Scan# 2046
Delta R.T. -0.02 min
Lab File: BE090981.D
Acq: 30 Sep 2015 16:31

Tgt Ion:330 Resp: 17746
Ion Ratio Lower Upper
330 100
332 96.6 79.1 118.7
141 165.3 125.4 188.0

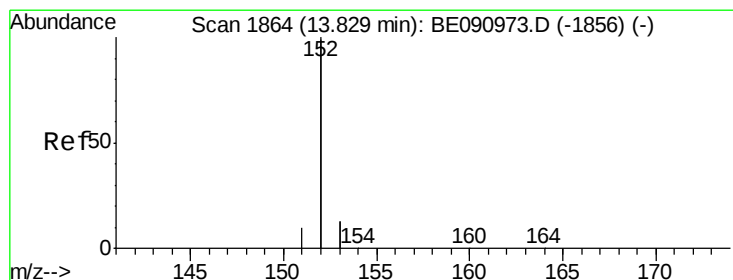
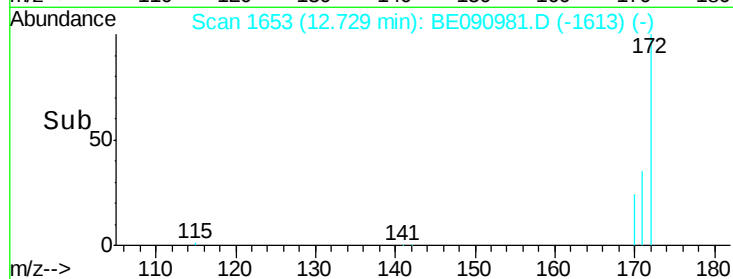
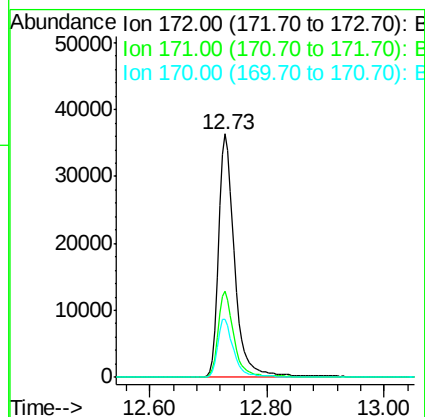
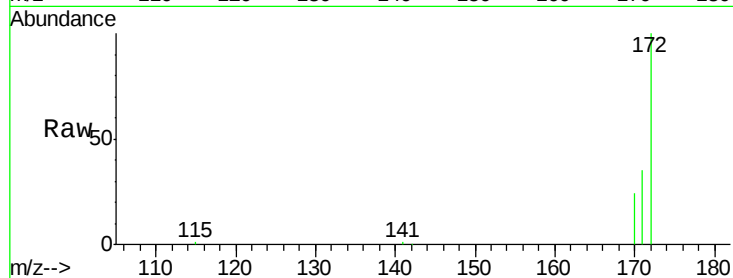




#15
2-Fluorobiphenyl
Concen: 3.87 ng
RT: 12.73 min Scan# 1653
Delta R.T. -0.02 min
Lab File: BE090981.D
Acq: 30 Sep 2015 16:31

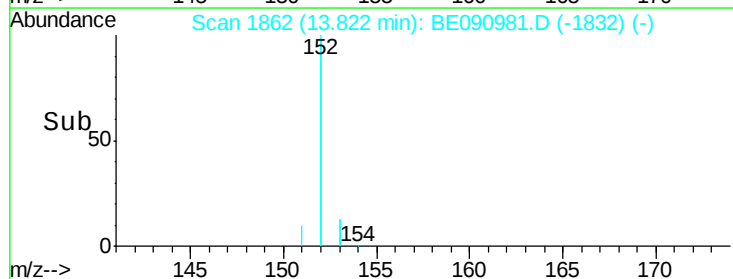
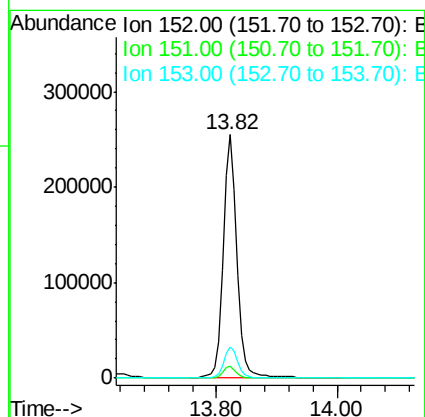
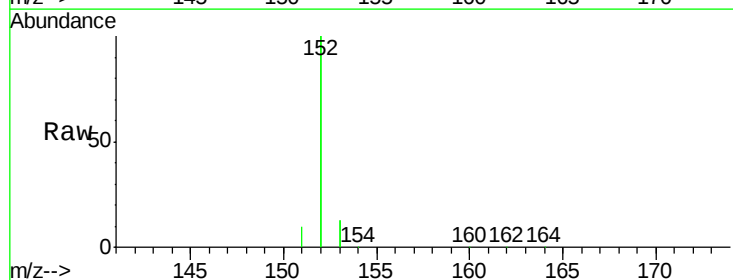
Instrument :
BNA_E
ClientSampleId :
PB85802BS

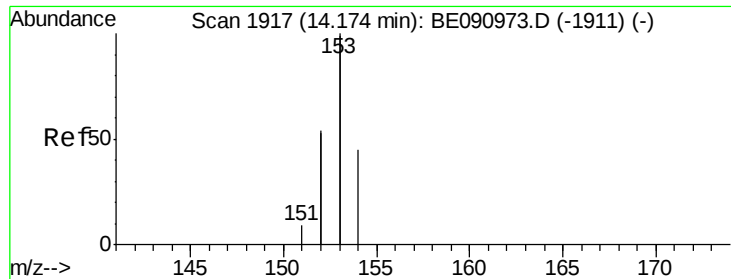
Tgt Ion:172 Resp: 68410
Ion Ratio Lower Upper
172 100
171 35.4 28.8 43.2
170 23.8 19.3 28.9



#16
Acenaphthylene
Concen: 3.73 ng
RT: 13.82 min Scan# 1862
Delta R.T. -0.01 min
Lab File: BE090981.D
Acq: 30 Sep 2015 16:31

Tgt Ion:152 Resp: 405707
Ion Ratio Lower Upper
152 100
151 4.8 3.9 5.9
153 13.0 10.3 15.5





#17

Acenaphthene

Concen: 3.71 ng

RT: 14.17 min Scan# 1915

Delta R.T. -0.01 min

Lab File: BE090981.D

Acq: 30 Sep 2015 16:31

Instrument :

BNA_E

ClientSampleId :

PB85802BS

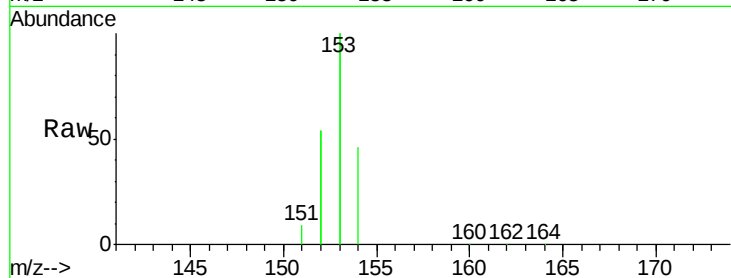
Tgt Ion:154 Resp: 64591

Ion Ratio Lower Upper

154 100

153 438.7 352.0 528.0

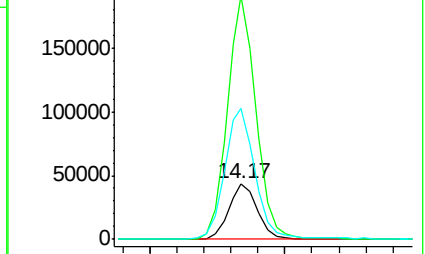
152 247.5 200.0 300.0



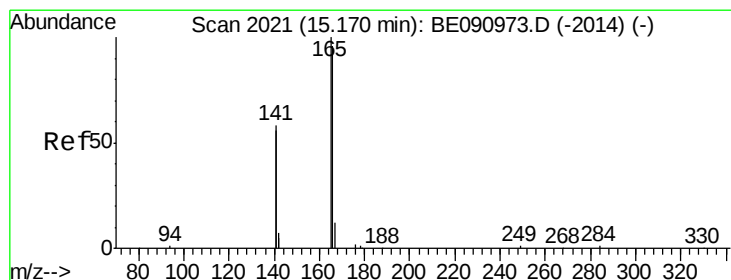
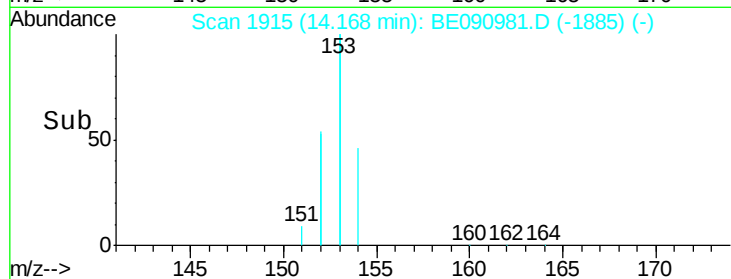
Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



Time-->



#18

Fluorene

Concen: 3.83 ng

RT: 15.17 min Scan# 2020

Delta R.T. 0.00 min

Lab File: BE090981.D

Acq: 30 Sep 2015 16:31

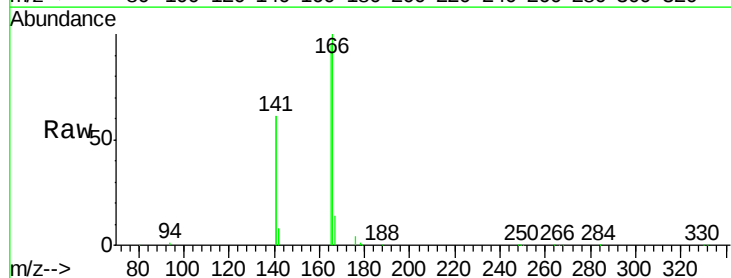
Tgt Ion:166 Resp: 82425

Ion Ratio Lower Upper

166 100

165 99.9 80.8 121.2

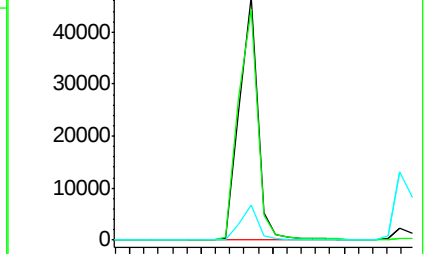
167 13.7 10.9 16.3



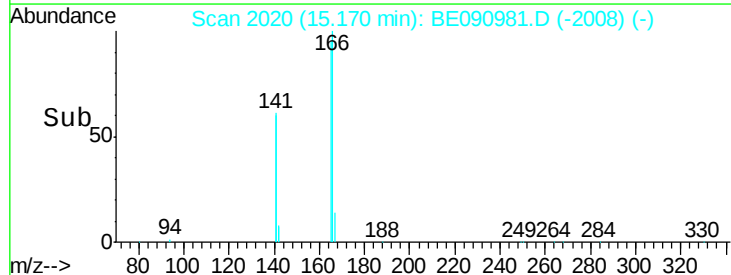
Abundance Ion 166.00 (165.70 to 166.70): E

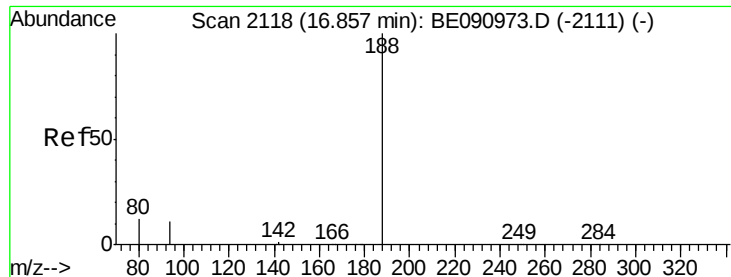
Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



Time-->





#19

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.86 min Scan# 2117

Delta R.T. 0.00 min

Lab File: BE090981.D

Acq: 30 Sep 2015 16:31

Instrument :

BNA_E

ClientSampleId :

PB85802BS

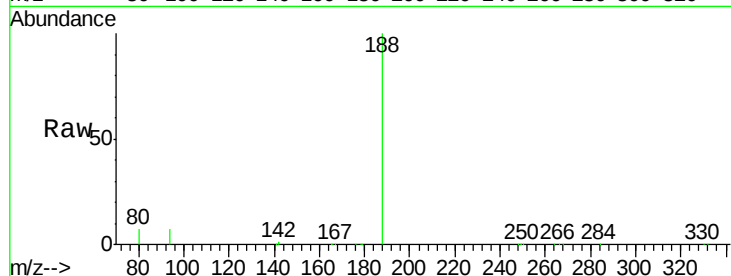
Tgt Ion:188 Resp: 160382

Ion Ratio Lower Upper

188 100

94 6.6 8.7 13.1#

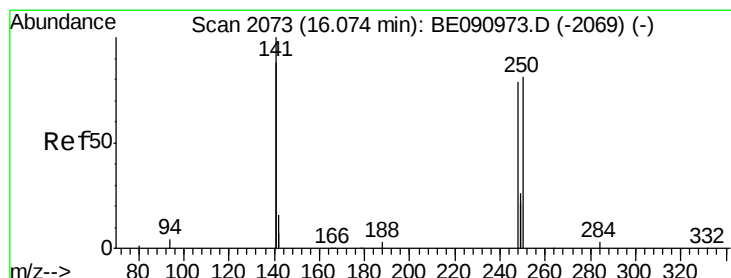
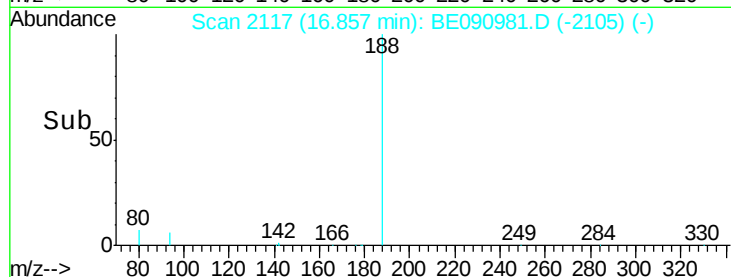
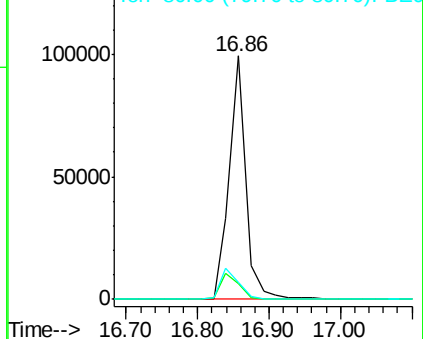
80 6.8 9.4 14.0#



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: 3.53 ng

RT: 16.06 min Scan# 2071

Delta R.T. -0.02 min

Lab File: BE090981.D

Acq: 30 Sep 2015 16:31

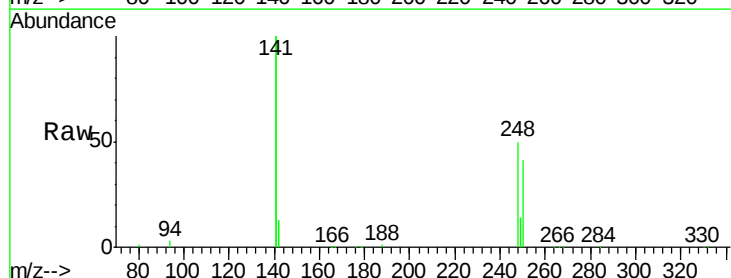
Tgt Ion:248 Resp: 21365

Ion Ratio Lower Upper

248 100

250 97.8 80.5 120.7

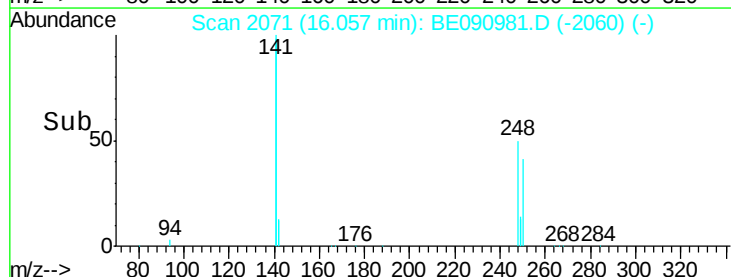
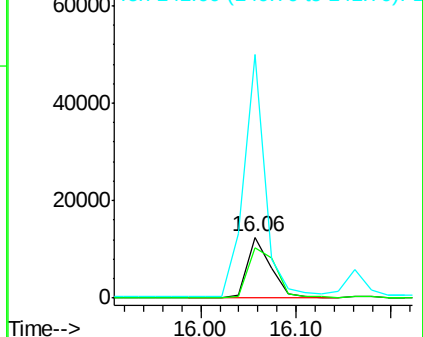
141 356.5 261.9 392.9

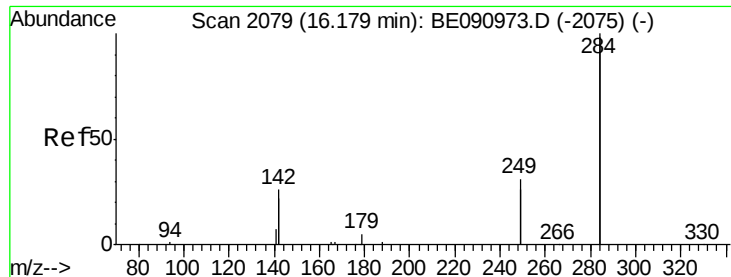


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 4.03 ng

RT: 16.18 min Scan# 2078

Delta R.T. 0.00 min

Lab File: BE090981.D

Acq: 30 Sep 2015 16:31

Instrument :

BNA_E

ClientSampleId :

PB85802BS

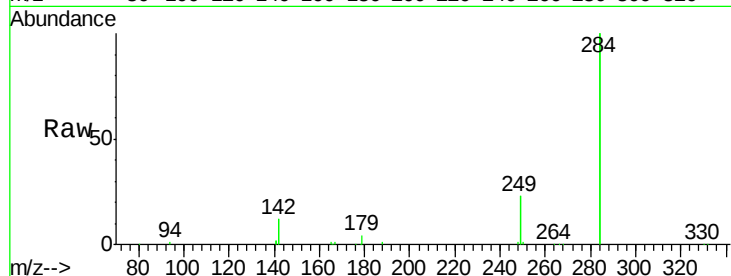
Tgt Ion:284 Resp: 109464

Ion Ratio Lower Upper

284 100

142 41.5 32.2 48.2

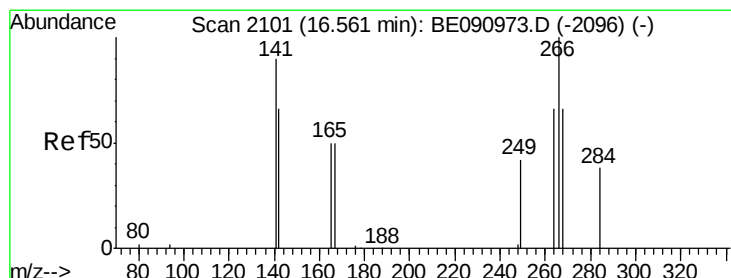
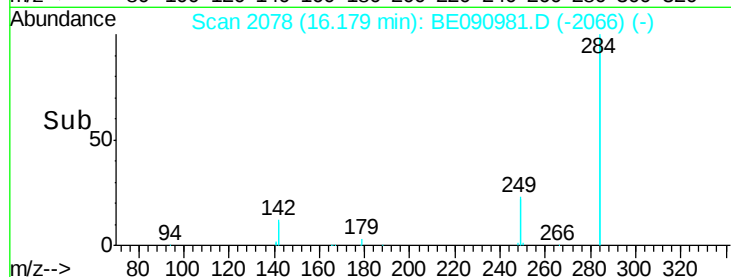
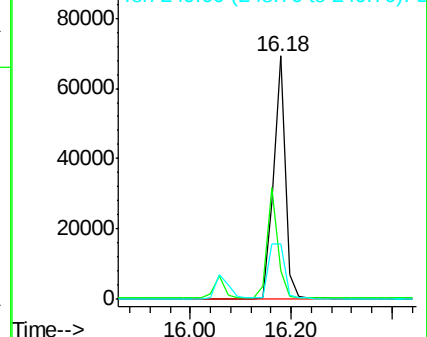
249 31.2 25.4 38.2



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: 7.31 ng

RT: 16.53 min Scan# 2098

Delta R.T. -0.03 min

Lab File: BE090981.D

Acq: 30 Sep 2015 16:31

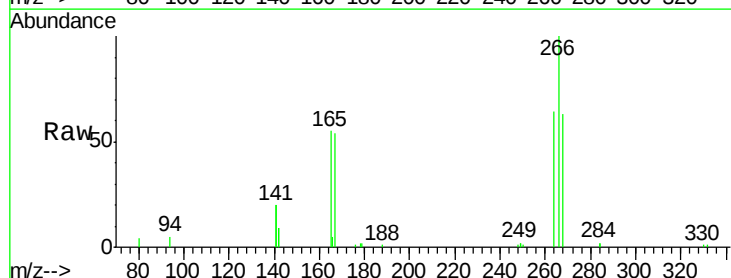
Tgt Ion:266 Resp: 18617

Ion Ratio Lower Upper

266 100

268 62.5 58.2 87.2

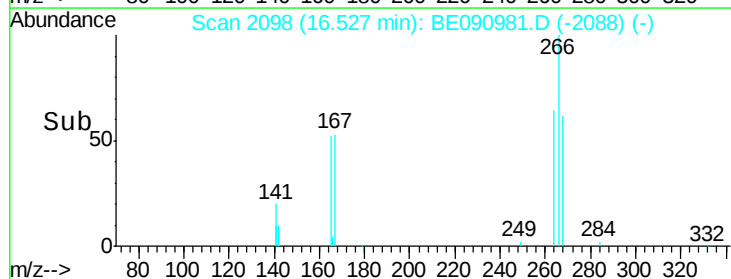
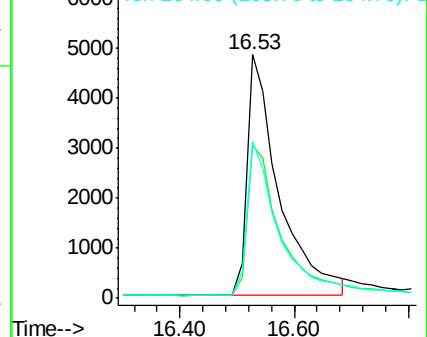
264 64.2 56.2 84.4

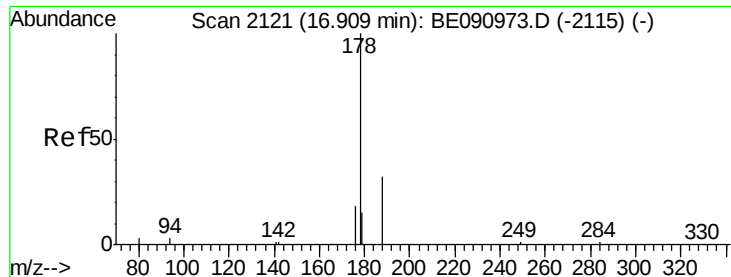


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#23

Phenanthrene

Concen: 4.24 ng

RT: 16.89 min Scan# 2119

Delta R.T. -0.02 min

Lab File: BE090981.D

Acq: 30 Sep 2015 16:31

Instrument :

BNA_E

ClientSampleId :

PB85802BS

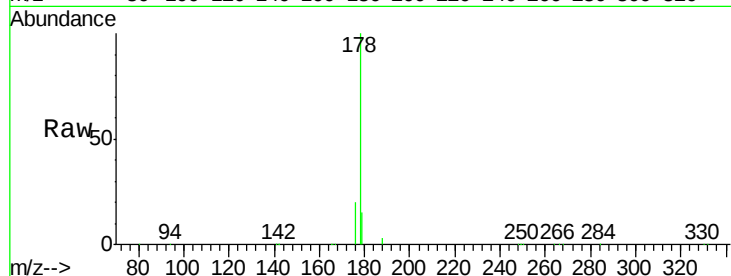
Tgt Ion:178 Resp: 154859

Ion Ratio Lower Upper

178 100

176 19.1 15.3 22.9

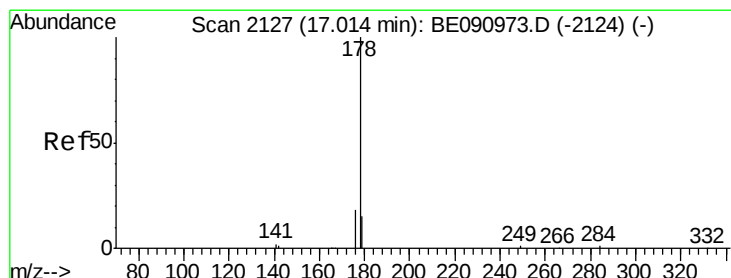
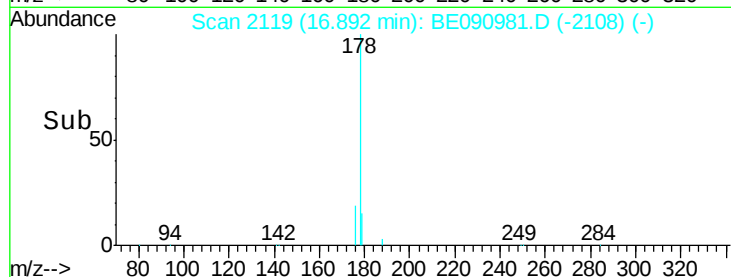
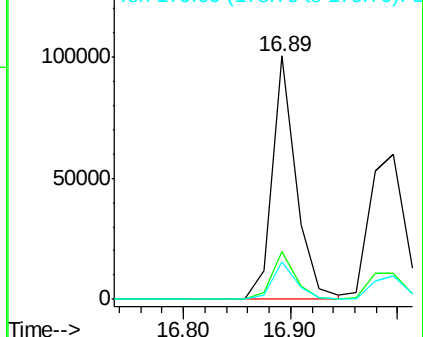
179 15.5 12.6 18.8



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



#24

Anthracene

Concen: 4.02 ng

RT: 17.00 min Scan# 2125

Delta R.T. -0.02 min

Lab File: BE090981.D

Acq: 30 Sep 2015 16:31

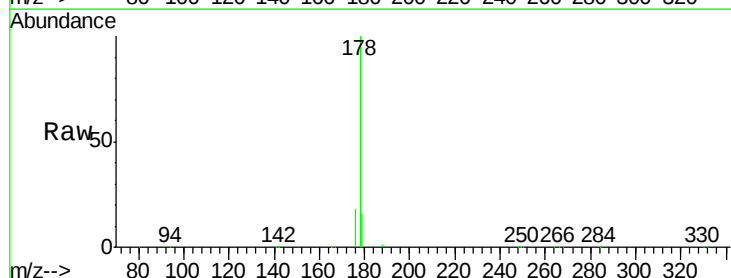
Tgt Ion:178 Resp: 139851

Ion Ratio Lower Upper

178 100

176 19.0 14.6 21.8

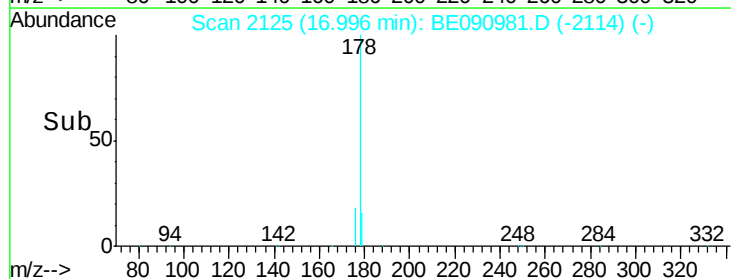
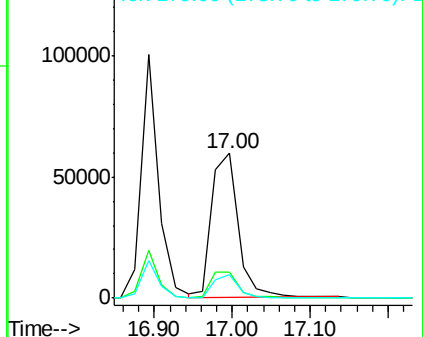
179 15.1 11.8 17.6

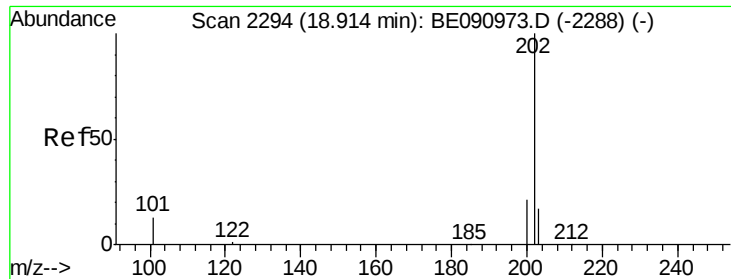


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene

Concen: 4.13 ng

RT: 18.91 min Scan# 2292

Delta R.T. -0.01 min

Lab File: BE090981.D

Acq: 30 Sep 2015 16:31

Instrument :

BNA_E

ClientSampleId :

PB85802BS

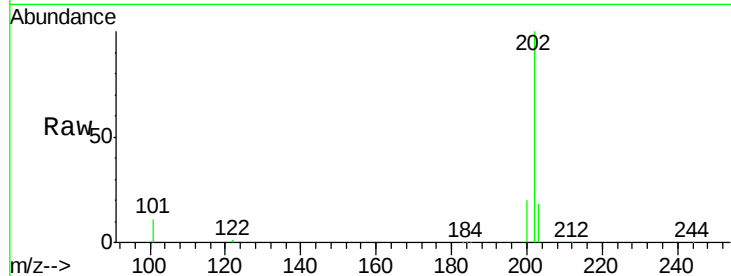
Tgt Ion:202 Resp: 172163

Ion Ratio Lower Upper

202 100

101 13.9 11.0 16.6

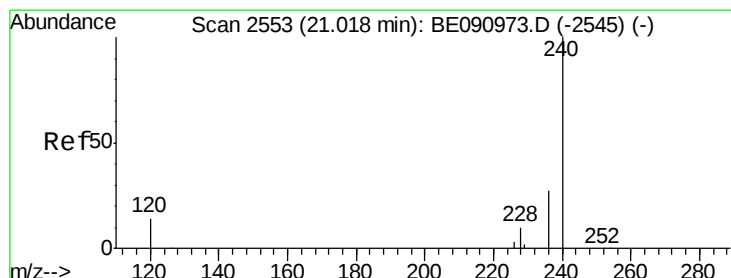
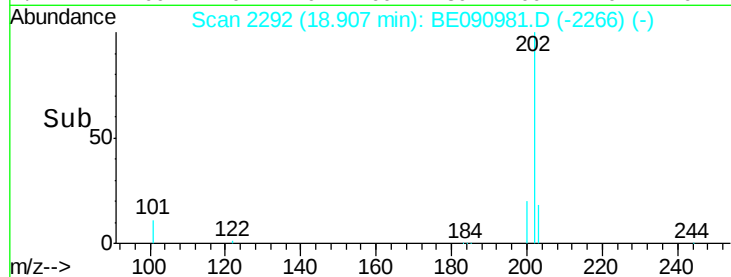
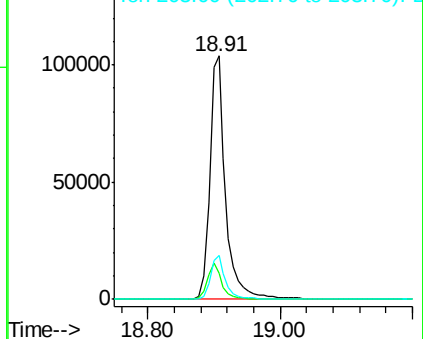
203 17.1 13.9 20.9



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: 5.00 ng

RT: 21.02 min Scan# 2551

Delta R.T. -0.00 min

Lab File: BE090981.D

Acq: 30 Sep 2015 16:31

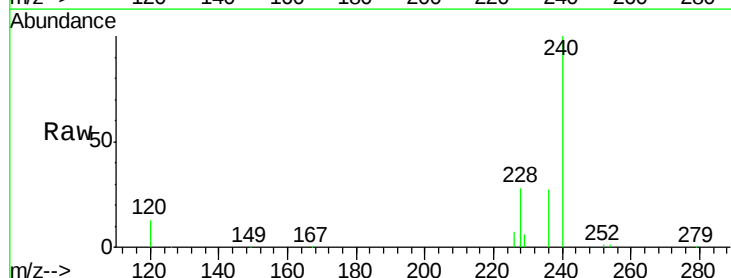
Tgt Ion:240 Resp: 209698

Ion Ratio Lower Upper

240 100

120 13.4 11.0 16.4

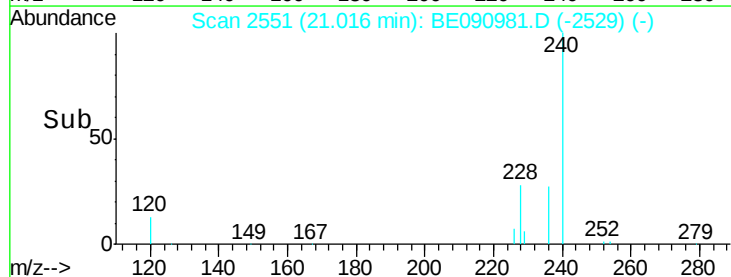
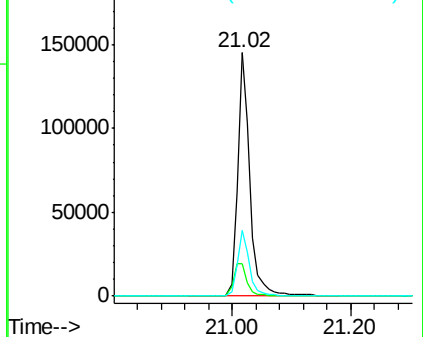
236 27.1 21.7 32.5

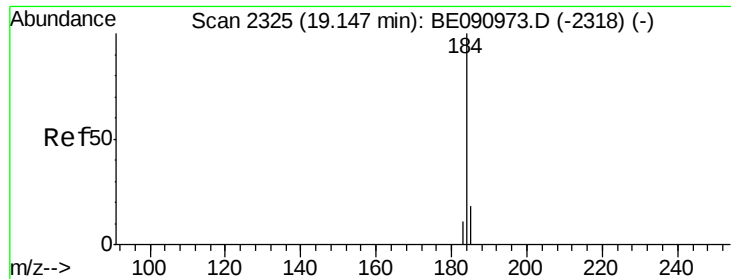


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#27

Benzidine

Concen: 7.69 ng

RT: 19.12 min Scan# 2320

Delta R.T. -0.03 min

Lab File: BE090981.D

Acq: 30 Sep 2015 16:31

Instrument :

BNA_E

ClientSampleId :

PB85802BS

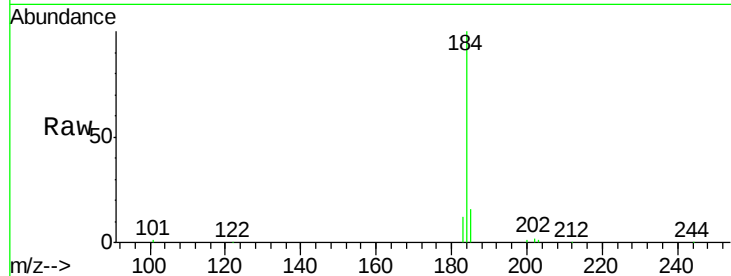
Tgt Ion:184 Resp: 65126

Ion Ratio Lower Upper

184 100

185 16.1 22.3 33.5#

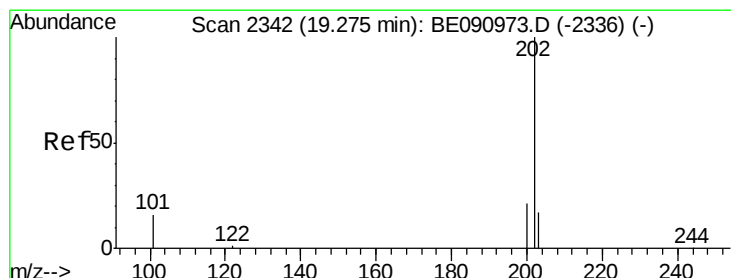
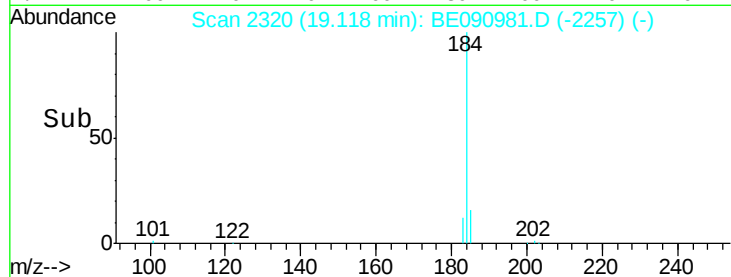
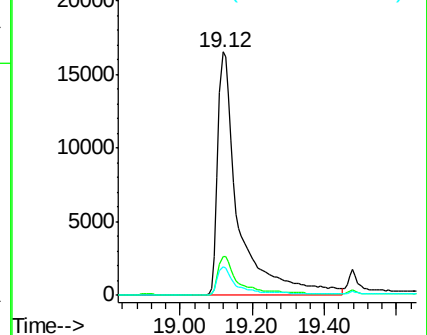
183 11.8 16.4 24.6#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#28

Pyrene

Concen: 4.03 ng

RT: 19.27 min Scan# 2340

Delta R.T. -0.01 min

Lab File: BE090981.D

Acq: 30 Sep 2015 16:31

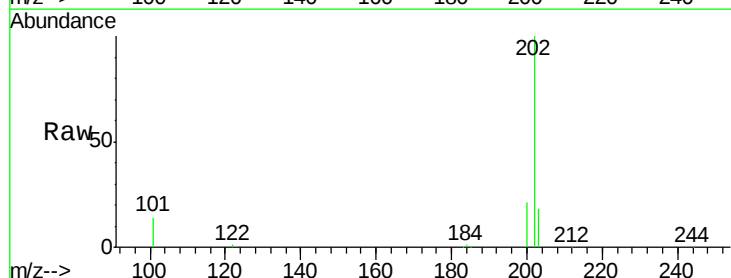
Tgt Ion:202 Resp: 194273

Ion Ratio Lower Upper

202 100

200 21.2 16.8 25.2

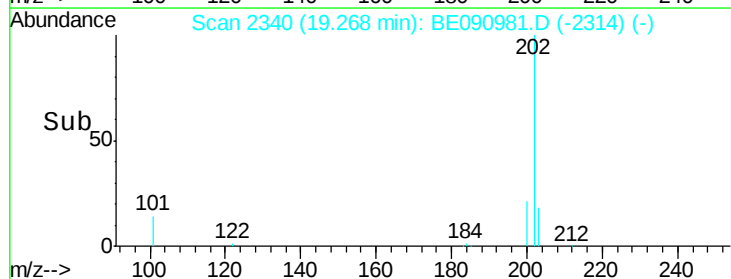
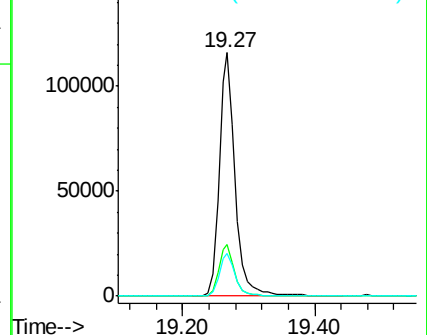
203 17.9 14.0 21.0

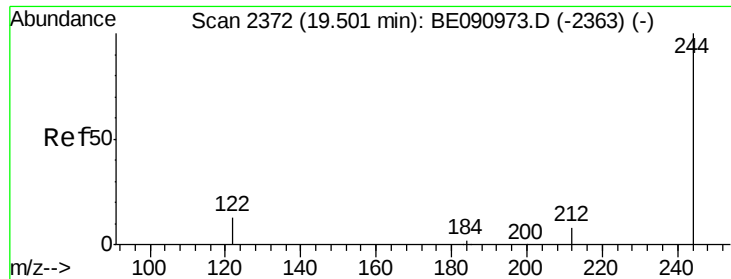


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 4.10 ng

RT: 19.49 min Scan# 2369

Delta R.T. -0.01 min

Lab File: BE090981.D

Acq: 30 Sep 2015 16:31

Instrument :

BNA_E

ClientSampleId :

PB85802BS

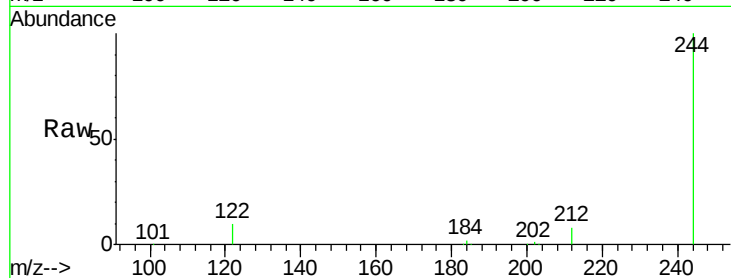
Tgt Ion:244 Resp: 105883

Ion Ratio Lower Upper

244 100

212 7.9 6.9 10.3

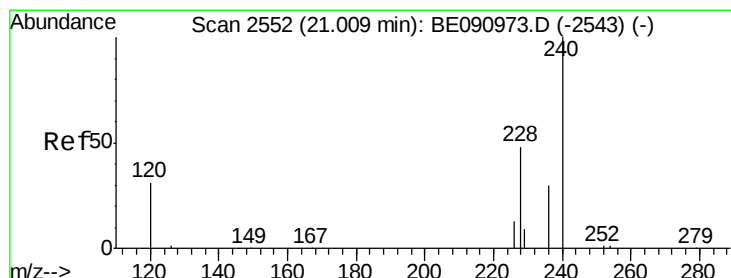
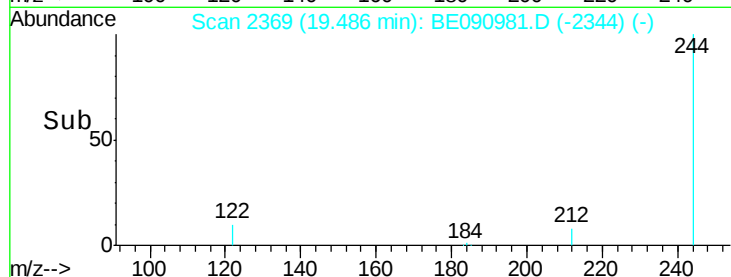
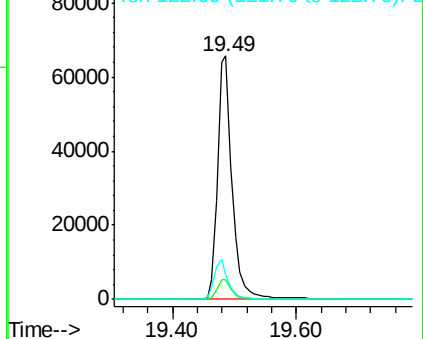
122 10.0 11.0 16.4#



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: 4.12 ng

RT: 21.00 min Scan# 2549

Delta R.T. -0.01 min

Lab File: BE090981.D

Acq: 30 Sep 2015 16:31

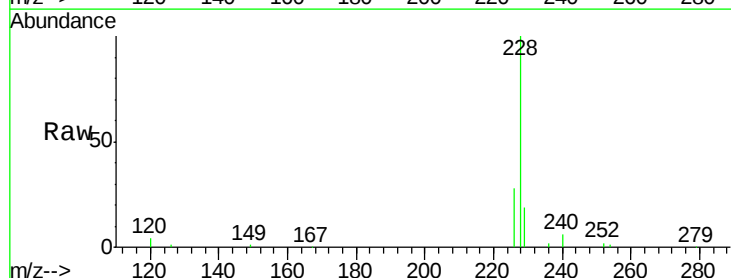
Tgt Ion:228 Resp: 192122

Ion Ratio Lower Upper

228 100

226 28.1 21.0 31.4

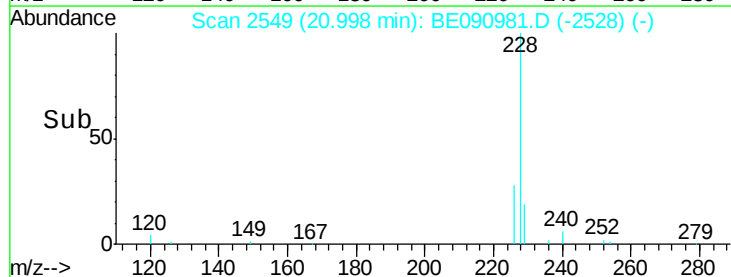
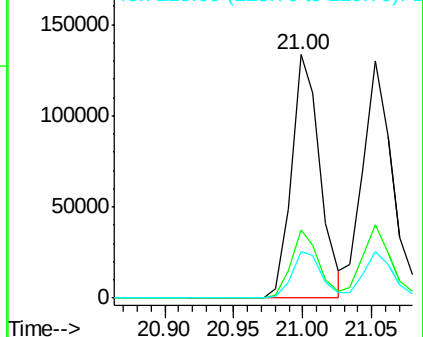
229 19.2 15.7 23.5

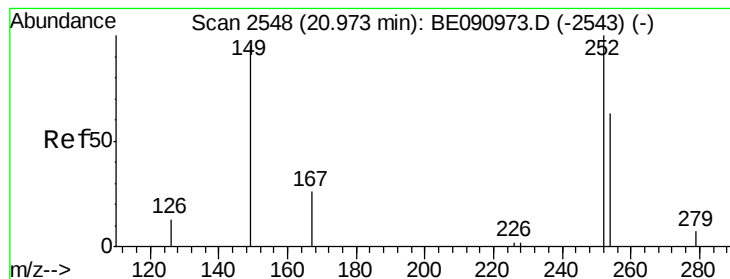


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

3,3'-Dichlorobenzidine

Concen: 4.26 ng

RT: 20.96 min Scan# 2545

Delta R.T. -0.01 min

Lab File: BE090981.D

Acq: 30 Sep 2015 16:31

Instrument :

BNA_E

ClientSampleId :

PB85802BS

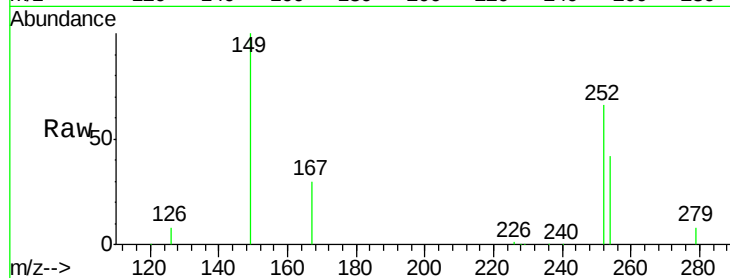
Tgt Ion:252 Resp: 38235

Ion Ratio Lower Upper

252 100

254 64.2 51.1 76.7

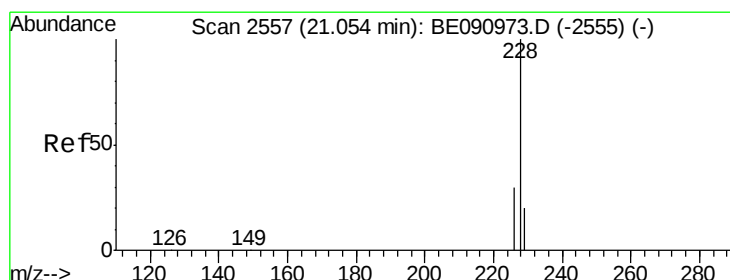
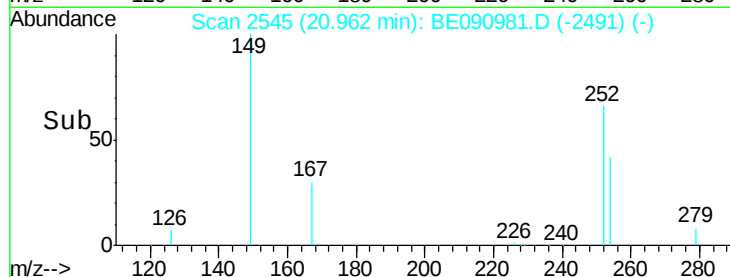
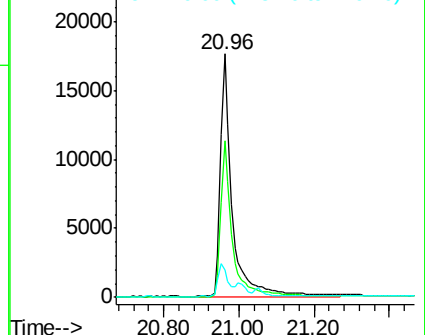
126 11.5 12.6 18.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#32

Chrysene

Concen: 4.09 ng

RT: 21.05 min Scan# 2555

Delta R.T. -0.00 min

Lab File: BE090981.D

Acq: 30 Sep 2015 16:31

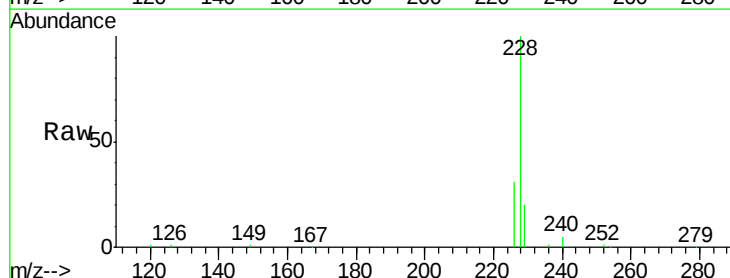
Tgt Ion:228 Resp: 200987

Ion Ratio Lower Upper

228 100

226 31.1 24.0 36.0

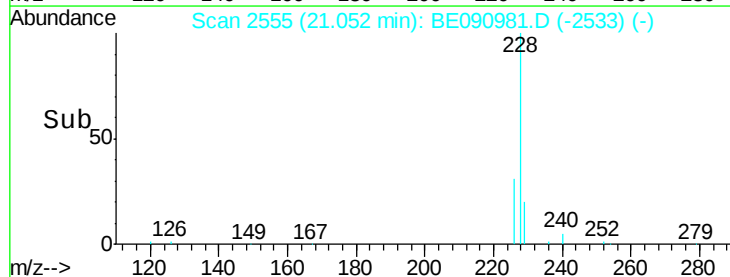
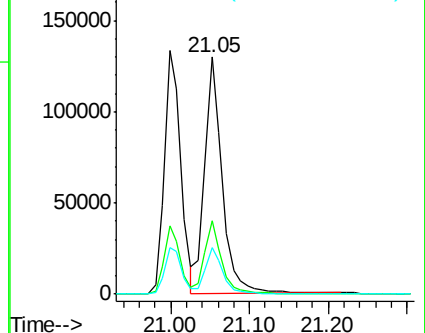
229 19.7 15.9 23.9

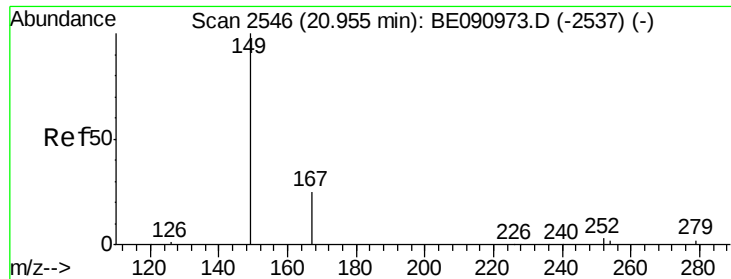


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

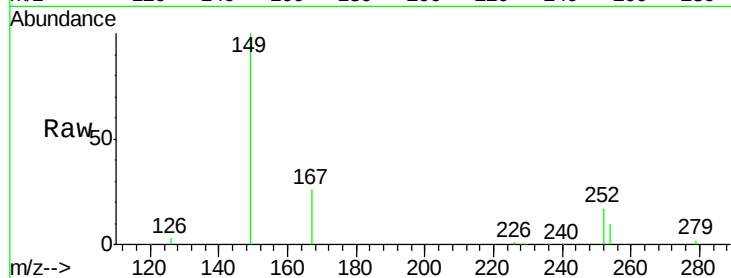




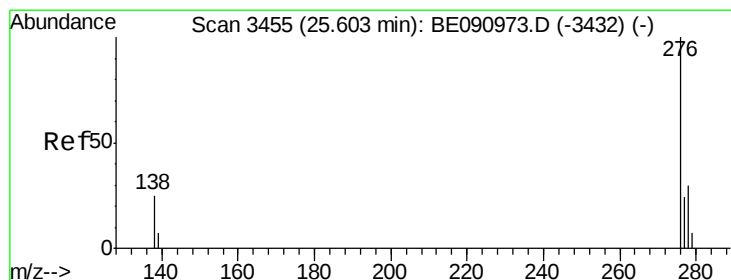
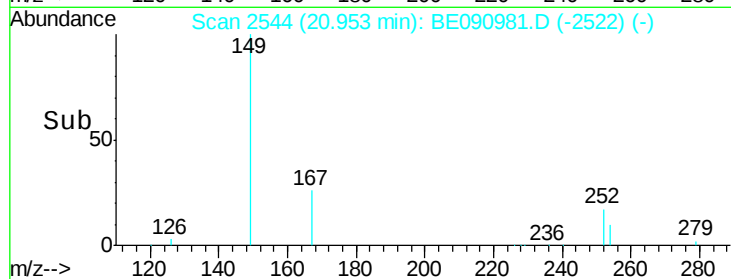
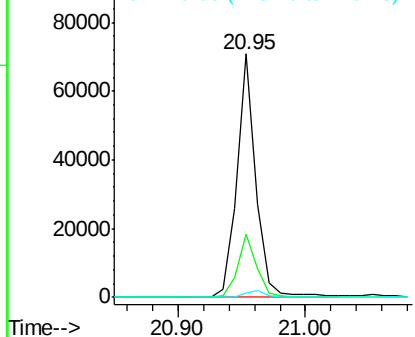
#33
 Bis(2-ethylhexyl)phthalate
 Concen: 3.75 ng
 RT: 20.95 min Scan# 2544
 Delta R.T. -0.00 min
 Lab File: BE090981.D
 Acq: 30 Sep 2015 16:31

Instrument :
 BNA_E
 ClientSampleId :
 PB85802BS

Tgt Ion:149 Resp: 72403
 Ion Ratio Lower Upper
 149 100
 167 26.0 19.5 29.3
 279 3.0 2.3 3.5

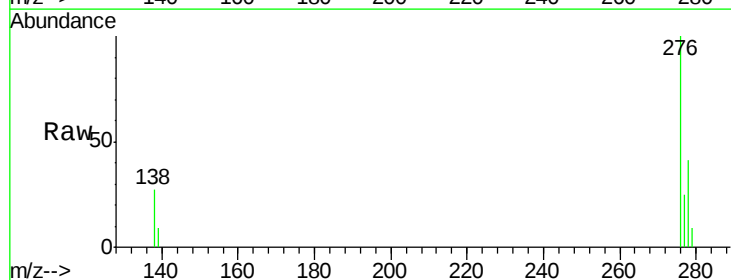


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

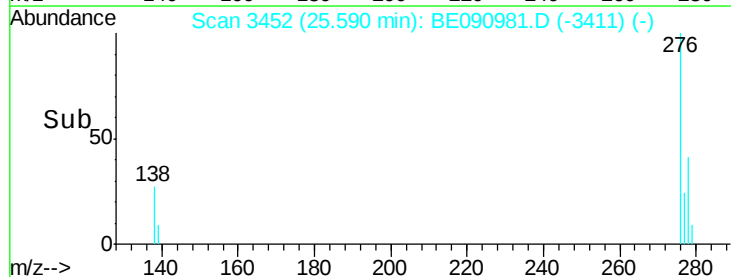
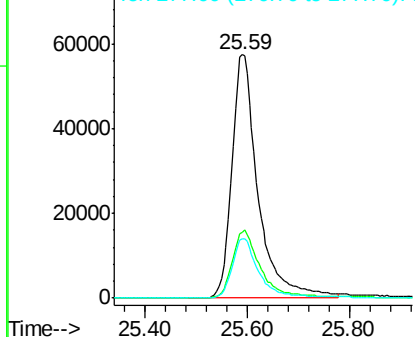


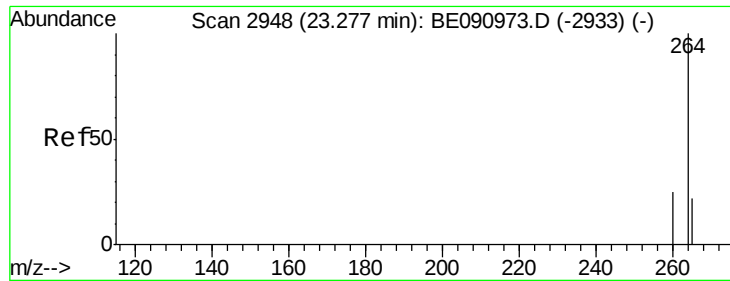
#34
 Indeno(1,2,3-cd)pyrene
 Concen: 3.91 ng
 RT: 25.59 min Scan# 3452
 Delta R.T. -0.01 min
 Lab File: BE090981.D
 Acq: 30 Sep 2015 16:31

Tgt Ion:276 Resp: 203997
 Ion Ratio Lower Upper
 276 100
 138 29.6 23.4 35.2
 277 25.0 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

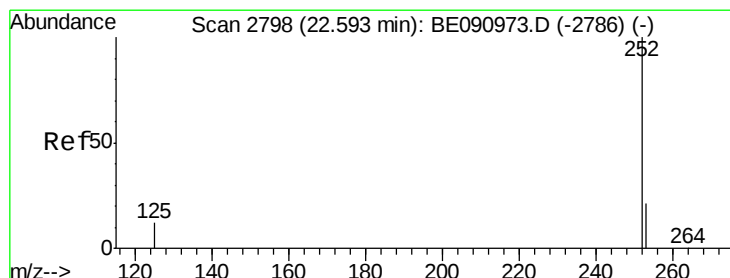
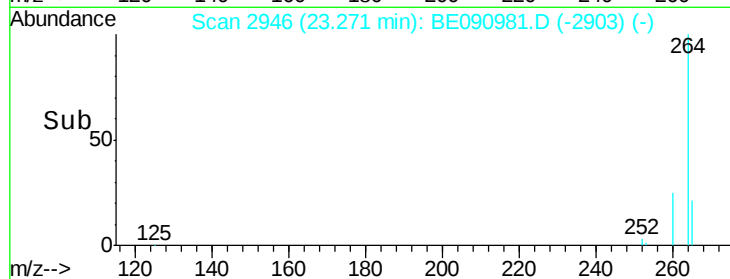
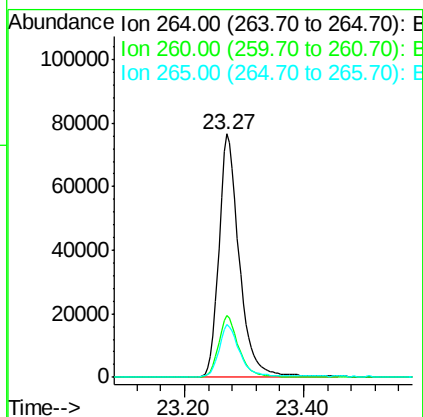
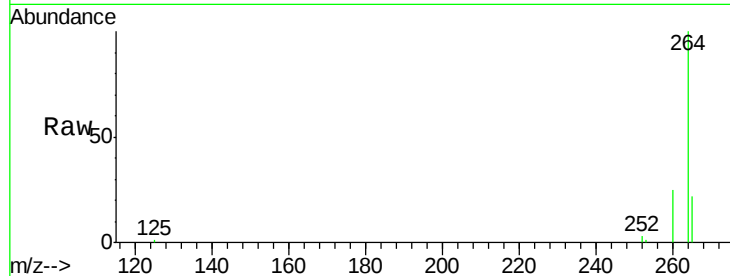




#35
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.27 min Scan# 2946
 Delta R.T. -0.01 min
 Lab File: BE090981.D
 Acq: 30 Sep 2015 16:31

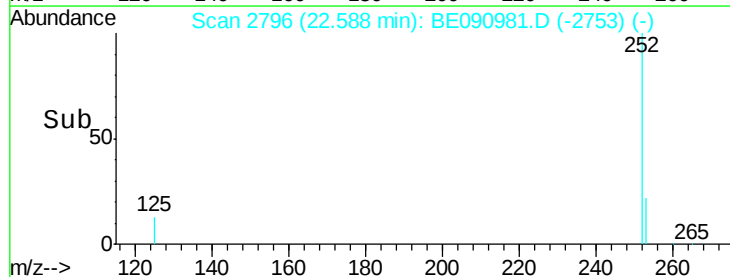
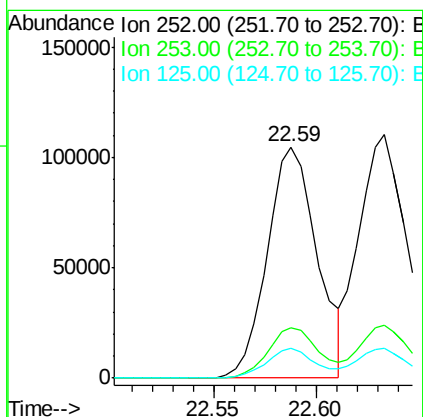
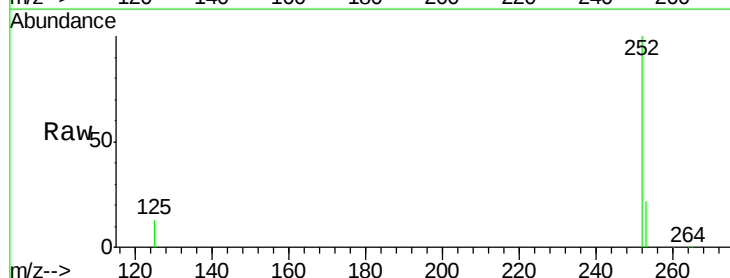
Instrument :
 BNA_E
 ClientSampleId :
 PB85802BS

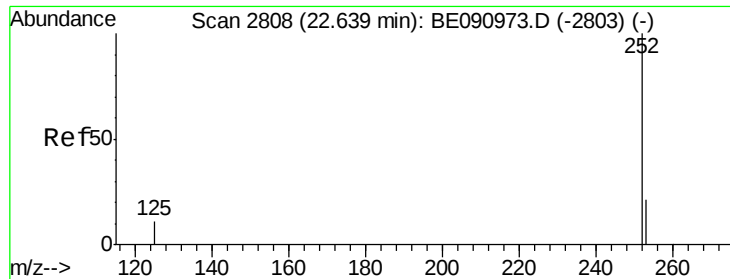
Tgt Ion: 264 Resp: 182687
 Ion Ratio Lower Upper
 264 100
 260 25.2 20.0 30.0
 265 21.6 17.5 26.3



#36
 Benzo(b)fluoranthene
 Concen: 4.41 ng
 RT: 22.59 min Scan# 2796
 Delta R.T. -0.01 min
 Lab File: BE090981.D
 Acq: 30 Sep 2015 16:31

Tgt Ion: 252 Resp: 177457
 Ion Ratio Lower Upper
 252 100
 253 22.1 17.4 26.0
 125 12.7 10.2 15.2

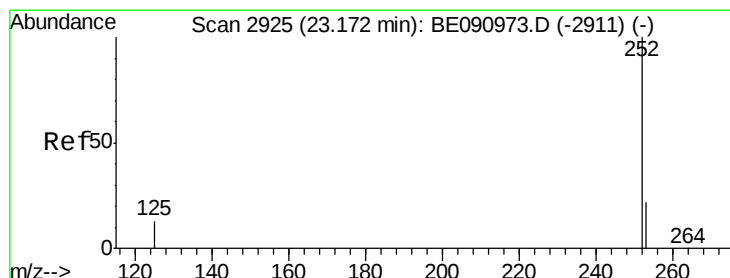
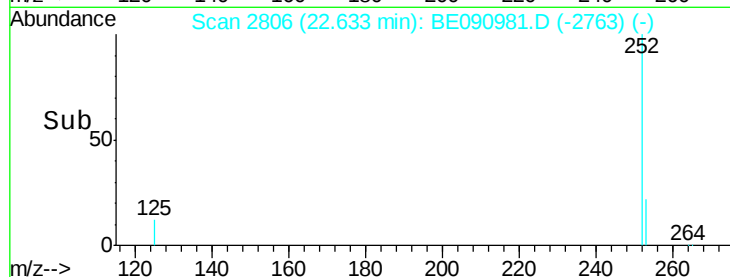
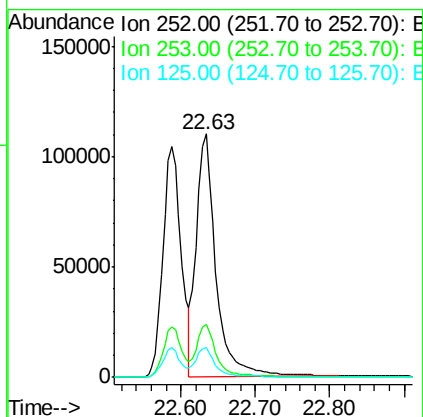
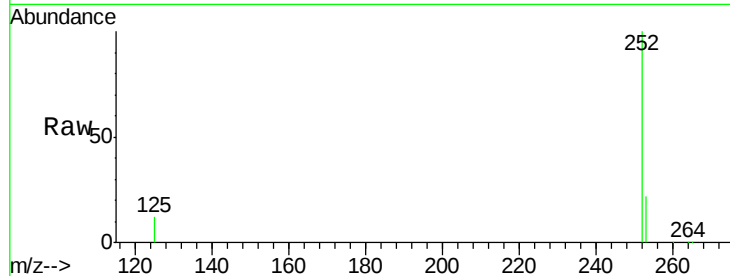




#37
Benzo(k)fluoranthene
Concen: 4.16 ng
RT: 22.63 min Scan# 2806
Delta R.T. -0.00 min
Lab File: BE090981.D
Acq: 30 Sep 2015 16:31

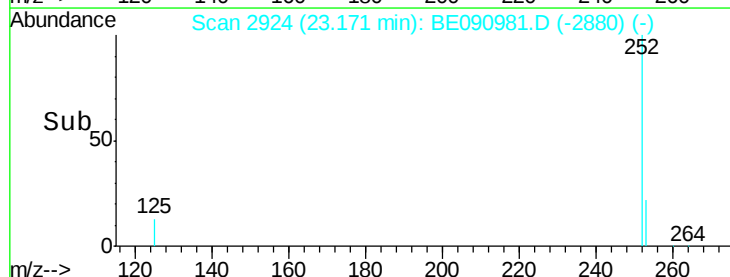
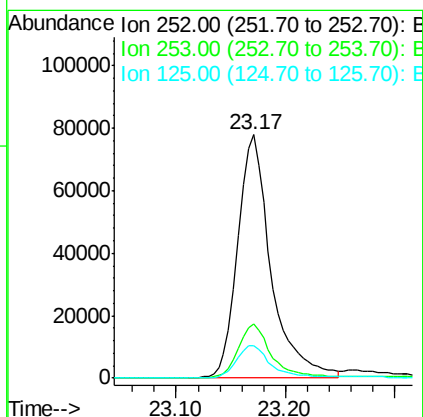
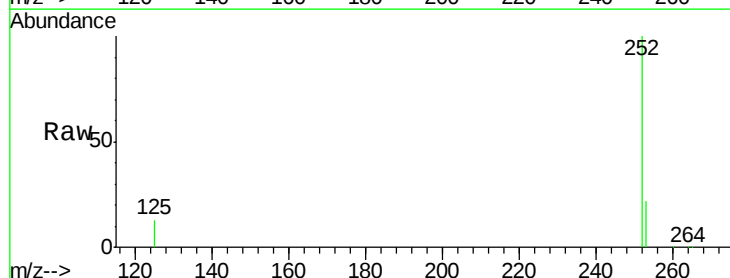
Instrument :
BNA_E
ClientSampleId :
PB85802BS

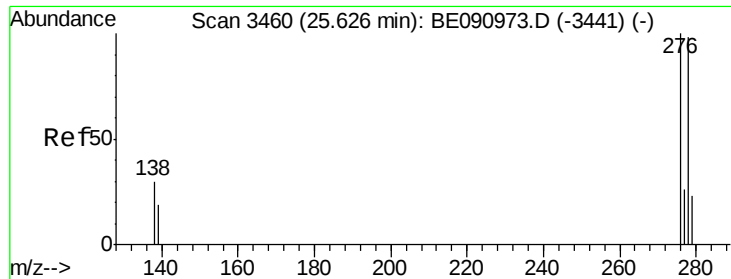
Tgt Ion: 252 Resp: 203086
Ion Ratio Lower Upper
252 100
253 22.0 17.6 26.4
125 12.1 9.9 14.9



#38
Benzo(a)pyrene
Concen: 4.38 ng
RT: 23.17 min Scan# 2924
Delta R.T. -0.00 min
Lab File: BE090981.D
Acq: 30 Sep 2015 16:31

Tgt Ion: 252 Resp: 163446
Ion Ratio Lower Upper
252 100
253 22.0 18.1 27.1
125 13.4 11.0 16.4





#39

Dibenzo(a,h)anthracene

Concen: 4.48 ng

RT: 25.61 min Scan# 3457

Delta R.T. -0.01 min

Lab File: BE090981.D

Acq: 30 Sep 2015 16:31

Instrument :

BNA_E

ClientSampleId :

PB85802BS

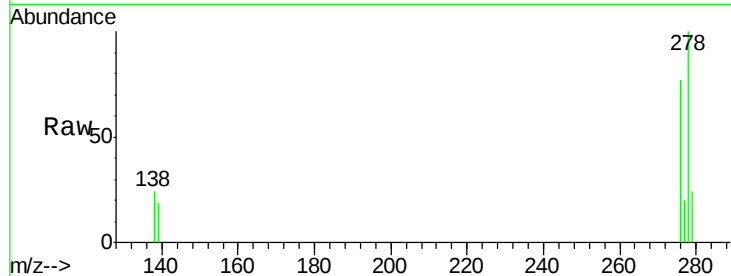
Tgt Ion: 278 Resp: 165377

Ion Ratio Lower Upper

278 100

139 18.9 16.0 24.0

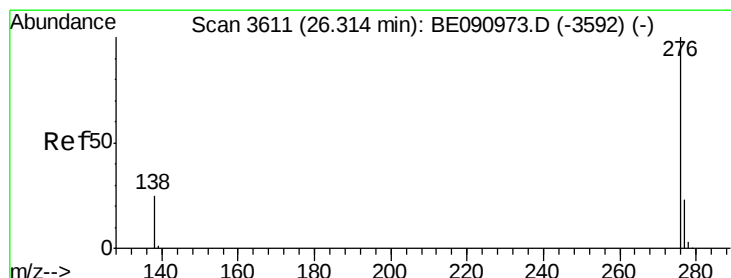
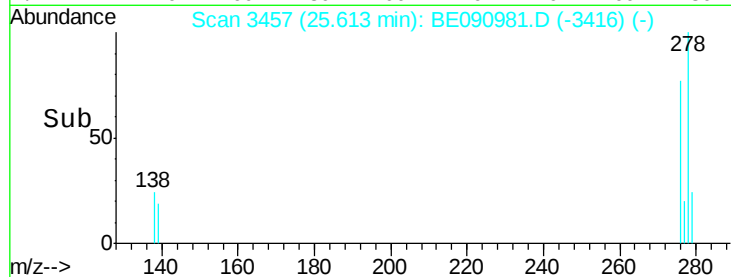
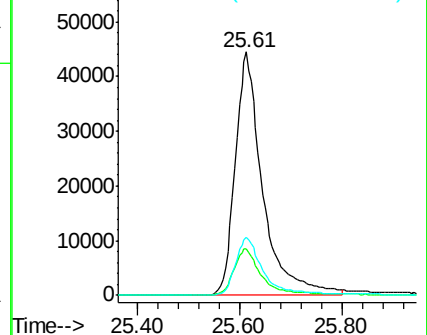
279 24.0 19.4 29.2



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: 4.29 ng

RT: 26.30 min Scan# 3608

Delta R.T. -0.01 min

Lab File: BE090981.D

Acq: 30 Sep 2015 16:31

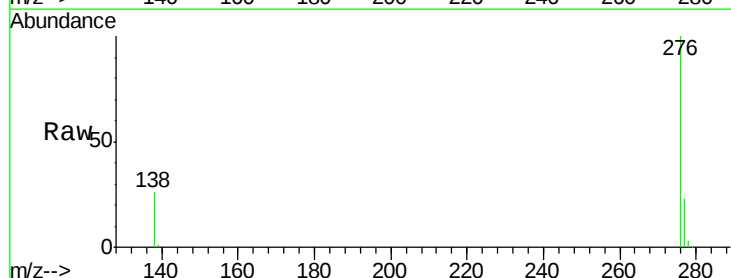
Tgt Ion: 276 Resp: 171617

Ion Ratio Lower Upper

276 100

277 23.5 18.6 28.0

138 25.9 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

