

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE091815\
 Data File : BE090890.D
 Acq On : 18 Sep 2015 17:49
 Operator : UM/IZ
 Sample : SSTDICV001
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 ICVBE091815

Quant Time: Sep 18 18:33:10 2015
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE091815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 18 18:17:34 2015
 Response via : Initial Calibration

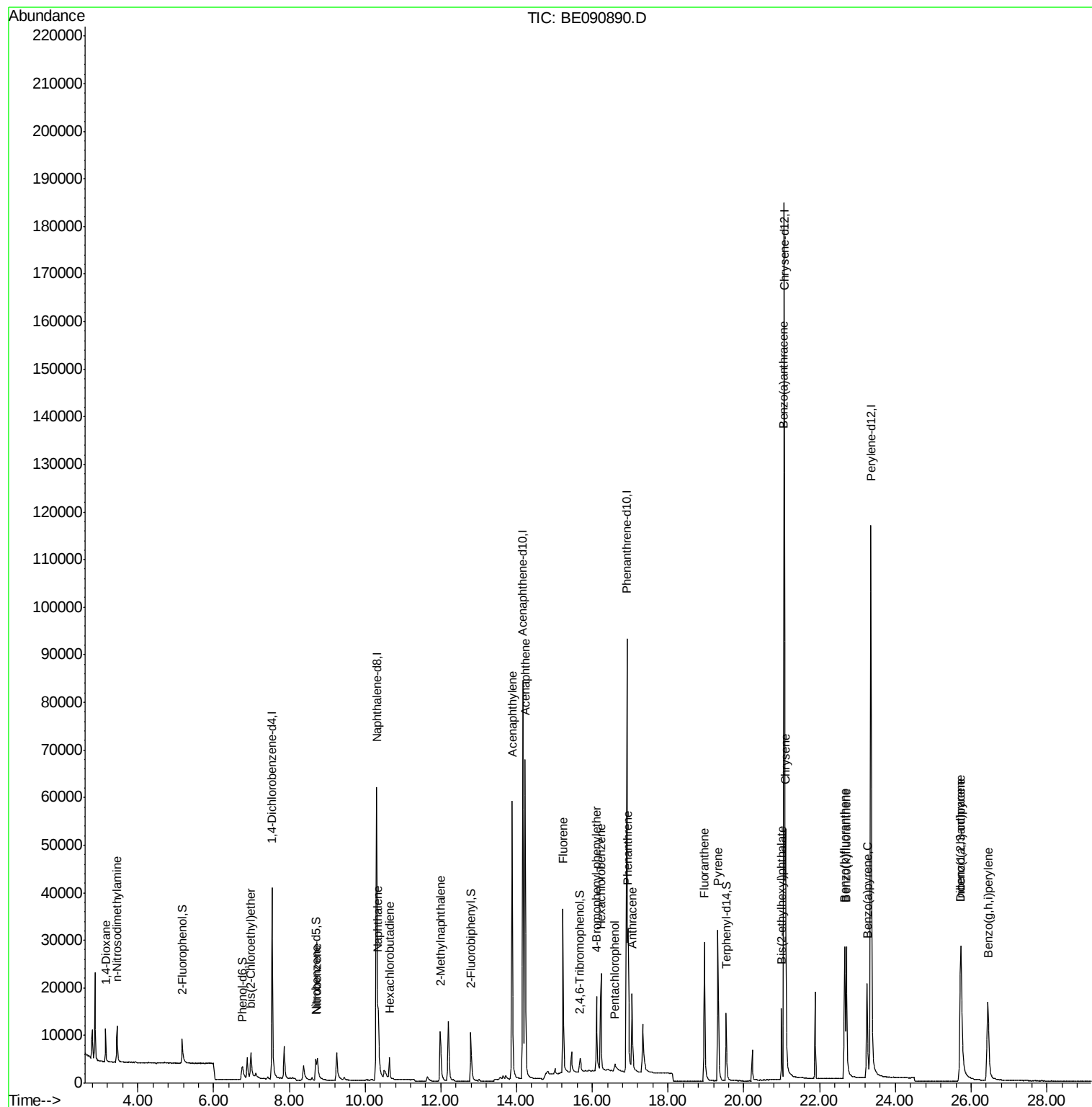
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	25337	5.00	ng	0.00
7) Naphthalene-d8	10.30	136	109703	5.00	ng	0.00
13) Acenaphthene-d10	14.17	164	56373	5.00	ng	0.00
19) Phenanthrene-d10	16.91	188	133379	5.00	ng	0.00
26) Chrysene-d12	21.07	240	186463	5.00	ng	0.00
33) Perylene-d12	23.36	264	182289	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.18	112	5441	0.92	ng	0.00
5) Phenol-d6	6.75	99	7001	0.89	ng	0.00
8) Nitrobenzene-d5	8.70	82	6954	0.92	ng	0.00
14) 2,4,6-Tribromophenol	15.68	330	1694	0.85	ng	-0.02
15) 2-Fluorobiphenyl	12.79	172	15001	0.94	ng	0.00
28) Terphenyl-d14	19.53	244	20599	0.92	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.15	88	3741	0.99	ng	99
3) n-Nitrosodimethylamine	3.45	42	4755	0.96	ng	# 85
6) bis(2-Chloroethyl)ether	6.98	93	7391	1.01	ng	91
9) Nitrobenzene	8.74	77	7621	0.91	ng	97
10) Naphthalene	10.35	128	22794	0.98	ng	98
11) Hexachlorobutadiene	10.64	225	3451	0.98	ng	99
12) 2-Methylnaphthalene	11.99	142	13540	0.92	ng	99
16) Acenaphthylene	13.88	152	89859	0.92	ng	100
17) Acenaphthene	14.22	154	14063	0.93	ng	90
18) Fluorene	15.22	166	17662	0.95	ng	98
20) 4-Bromophenyl-phenylether	16.11	248	4796	0.93	ng	91
21) Hexachlorobenzene	16.23	284	22767	0.99	ng	98
22) Pentachlorophenol	16.60	266	1586	0.80	ng	95
23) Phenanthrene	16.95	178	32734	1.01	ng	99
24) Anthracene	17.05	178	27508	0.90	ng	99
25) Fluoranthene	18.96	202	36535	0.90	ng	99
27) Pyrene	19.32	202	38428	0.90	ng	100
29) Benzo(a)anthracene	21.05	228	40287	0.87	ng	99
30) Chrysene	21.11	228	46411	0.96	ng	98
31) Bis(2-ethylhexyl)phthalate	21.00	149	13162	0.77	ng	100
32) Indeno(1,2,3-cd)pyrene	25.72	276	47263	0.87	ng	100
34) Benzo(b)fluoranthene	22.66	252	37046	0.87	ng	100
35) Benzo(k)fluoranthene	22.71	252	45336	0.92	ng	99
36) Benzo(a)pyrene	23.25	252	35141	0.87	ng	# 91
37) Dibenzo(a,h)anthracene	25.74	278	36800	0.87	ng	99
38) Benzo(g,h,i)perylene	26.44	276	40978	0.91	ng	99

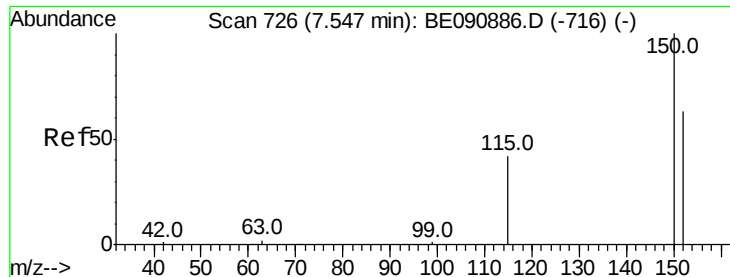
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Sep 18 18:17:34 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.55 min Scan# 726

Delta R.T. -0.00 min

Lab File: BE090890.D

Acq: 18 Sep 2015 17:49

Instrument :

BNA_E

ClientSampleId :

ICVBE091815

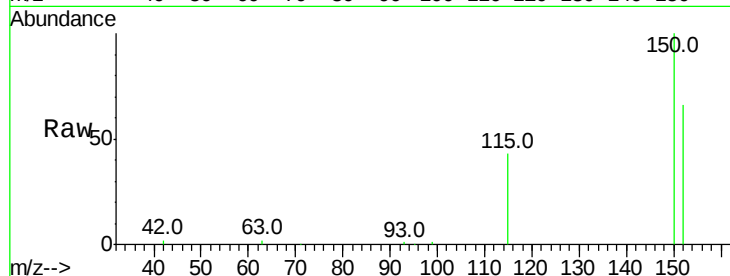
Tgt Ion:152 Resp: 25337

Ion Ratio Lower Upper

152 100

150 152.2 122.2 183.4

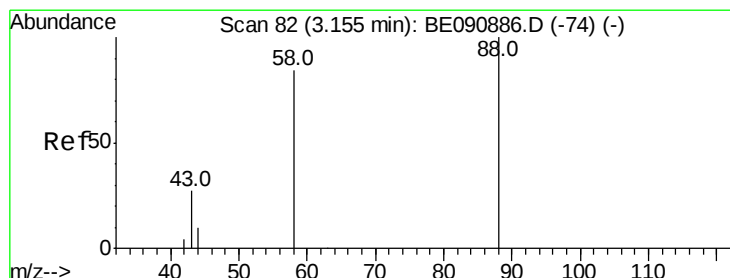
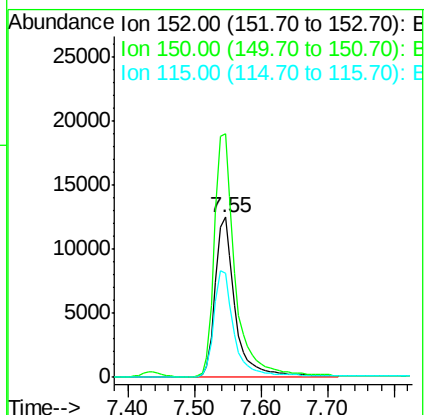
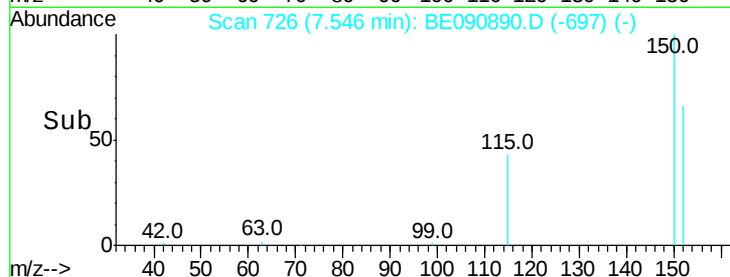
115 65.2 51.0 76.4



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: 0.99 ng

RT: 3.15 min Scan# 81

Delta R.T. -0.01 min

Lab File: BE090890.D

Acq: 18 Sep 2015 17:49

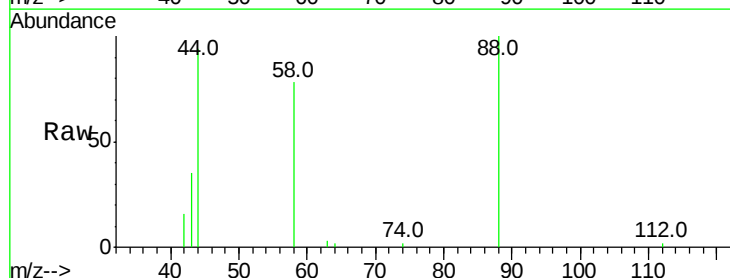
Tgt Ion: 88 Resp: 3741

Ion Ratio Lower Upper

88 100

58 86.6 68.4 102.6

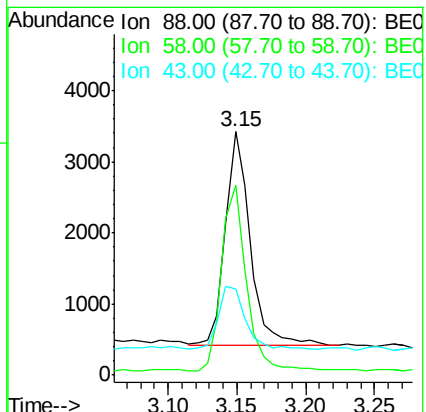
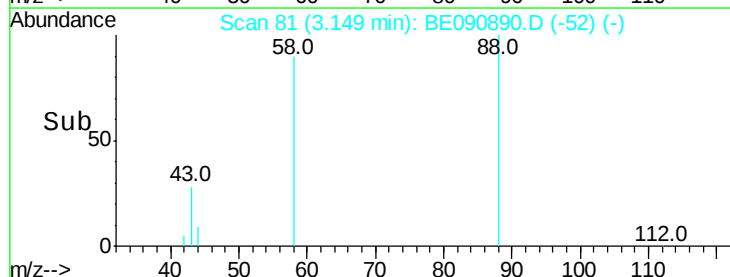
43 32.3 26.9 40.3

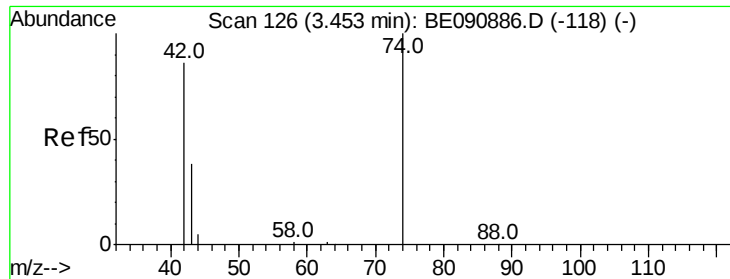


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.96 ng

RT: 3.45 min Scan# 125

Delta R.T. -0.00 min

Lab File: BE090890.D

Acq: 18 Sep 2015 17:49

Instrument :

BNA_E

ClientSampleId :

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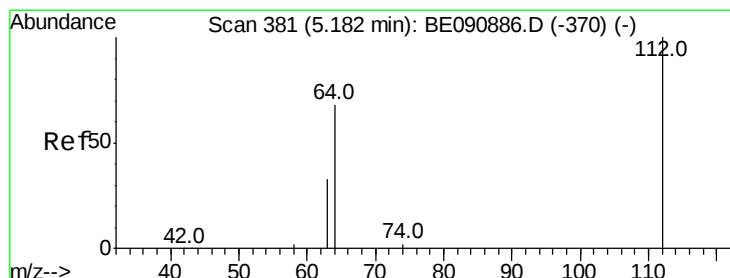
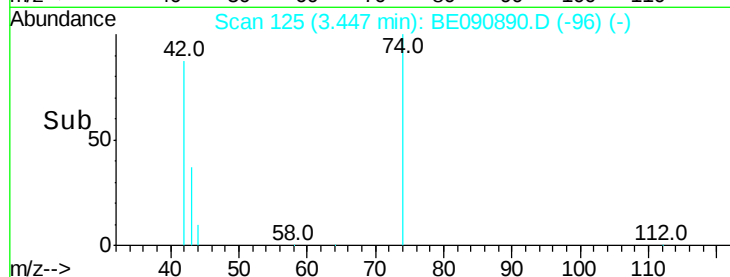
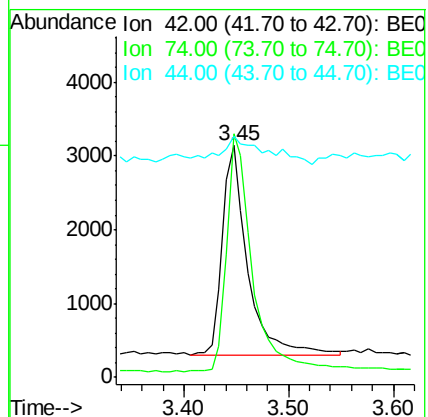
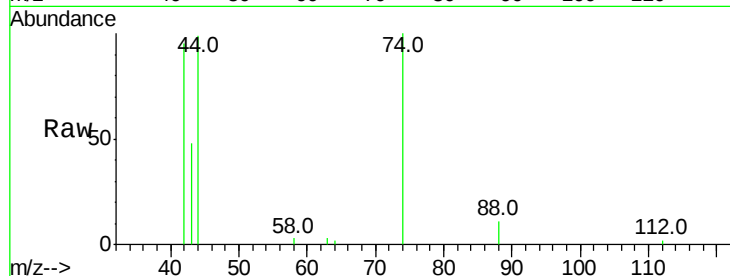
Tgt Ion: 42 Resp: 4755

Ion Ratio Lower Upper

42 100

74 118.4 83.7 125.5

44 24.6 10.0 15.0#



#4

2-Fluorophenol

Concen: 0.92 ng

RT: 5.18 min Scan# 380

Delta R.T. -0.01 min

Lab File: BE090890.D

Acq: 18 Sep 2015 17:49

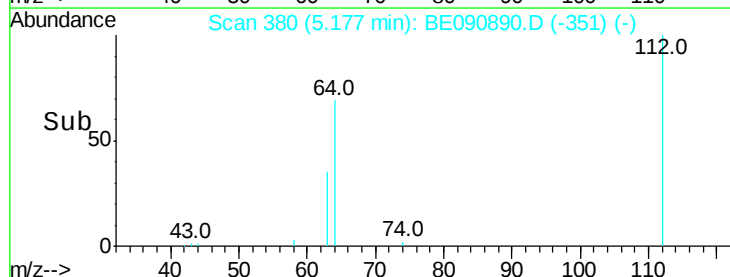
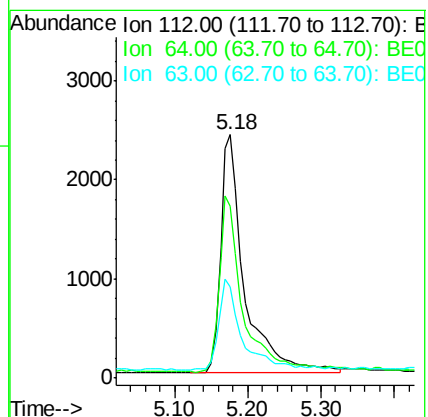
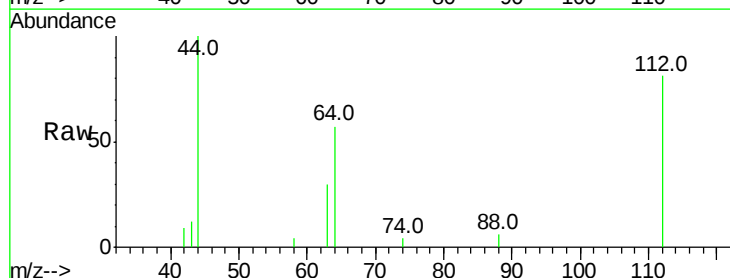
Tgt Ion: 112 Resp: 5441

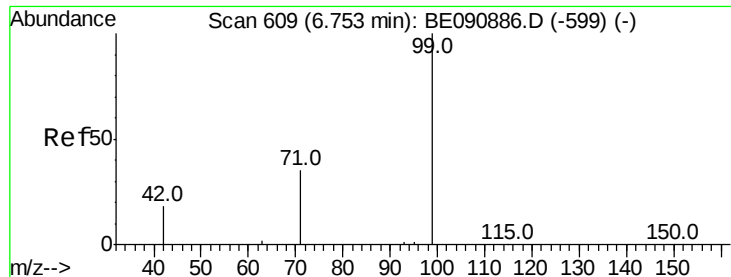
Ion Ratio Lower Upper

112 100

64 73.3 57.3 85.9

63 37.9 29.2 43.8





#5

Phenol-d6

Concen: 0.89 ng

RT: 6.75 min Scan# 609

Delta R.T. -0.00 min

Lab File: BE090890.D

Acq: 18 Sep 2015 17:49

Instrument :

BNA_E

ClientSampleId :

ICVBE091815

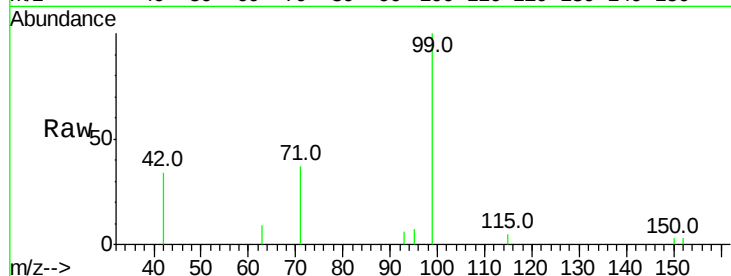
Tgt Ion: 99 Resp: 7001

Ion Ratio Lower Upper

99 100

42 22.4 16.8 25.2

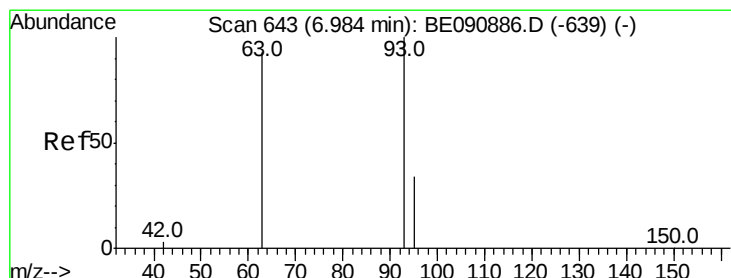
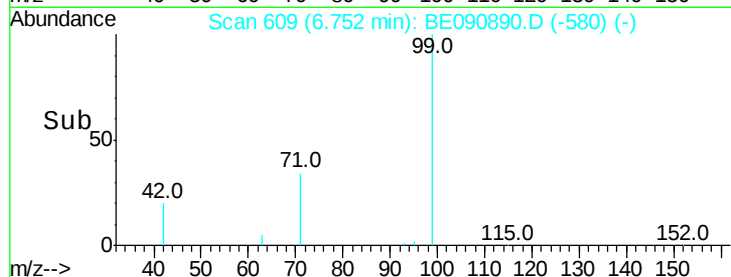
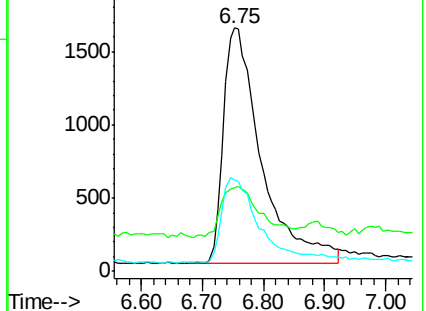
71 35.7 28.3 42.5



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: 1.01 ng

RT: 6.98 min Scan# 643

Delta R.T. -0.00 min

Lab File: BE090890.D

Acq: 18 Sep 2015 17:49

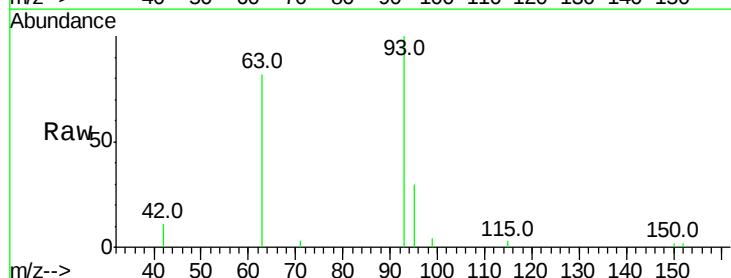
Tgt Ion: 93 Resp: 7391

Ion Ratio Lower Upper

93 100

63 76.1 68.5 102.7

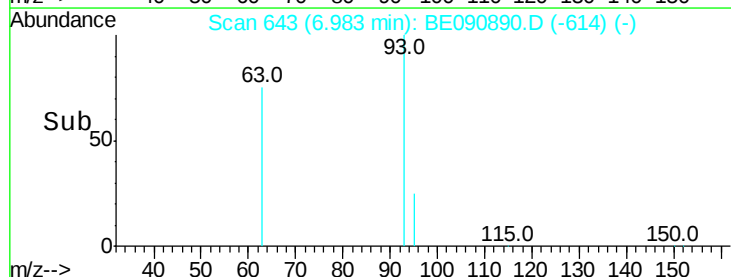
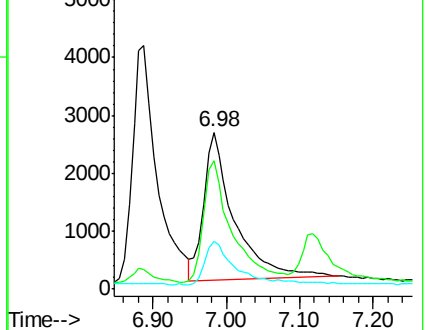
95 29.8 26.9 40.3

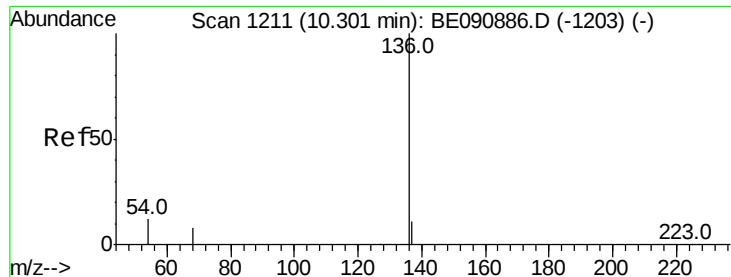


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.30 min Scan# 1212

Delta R.T. 0.00 min

Lab File: BE090890.D

Acq: 18 Sep 2015 17:49

Instrument :

BNA_E

ClientSampleId :

ICVBE091815

Tgt Ion:136 Resp: 109703

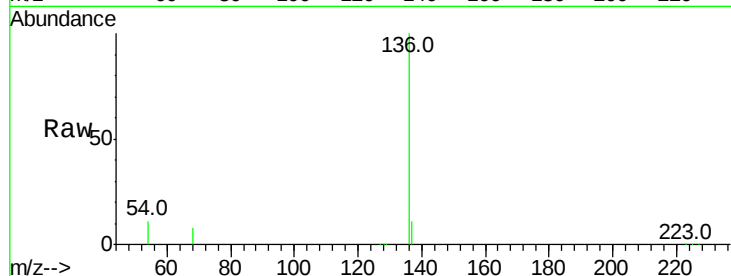
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 11.1 9.0 13.6

68 8.2 6.3 9.5

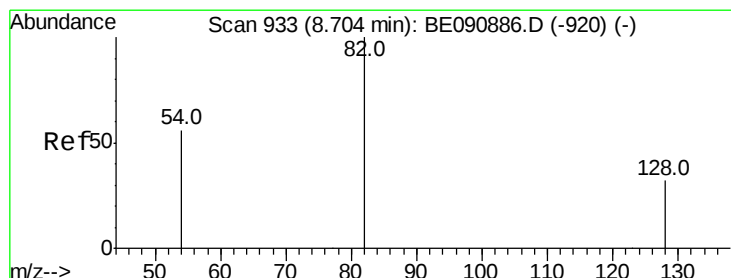
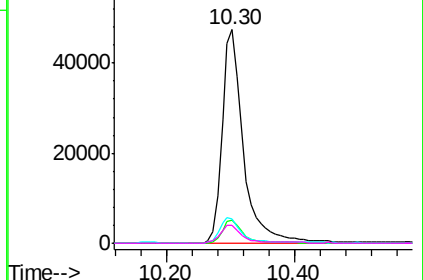
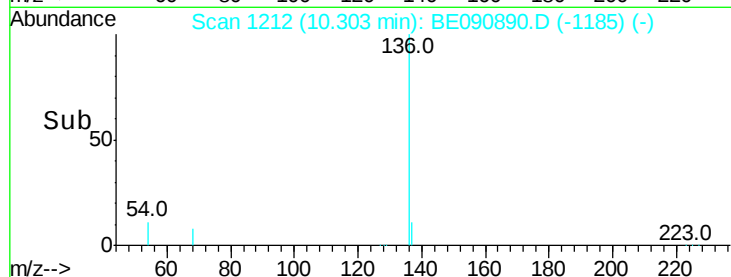


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.92 ng

RT: 8.70 min Scan# 932

Delta R.T. -0.00 min

Lab File: BE090890.D

Acq: 18 Sep 2015 17:49

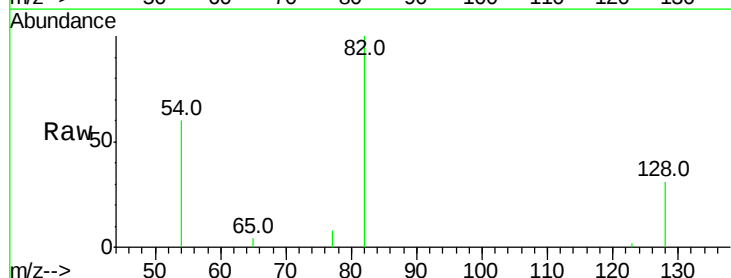
Tgt Ion: 82 Resp: 6954

Ion Ratio Lower Upper

82 100

128 30.8 25.0 37.4

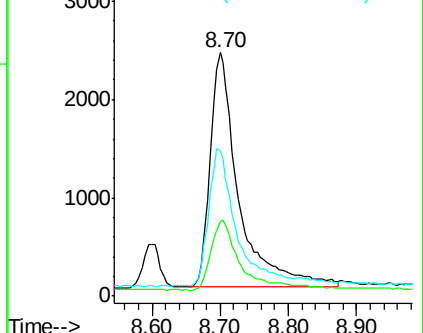
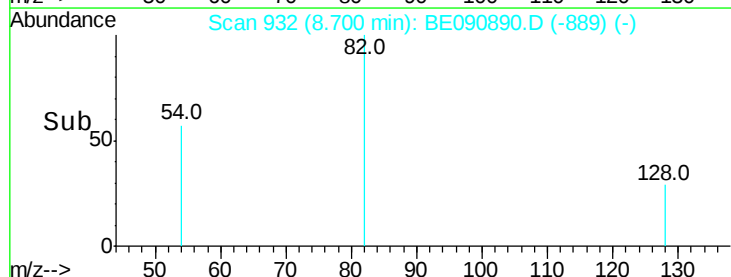
54 59.8 46.3 69.5

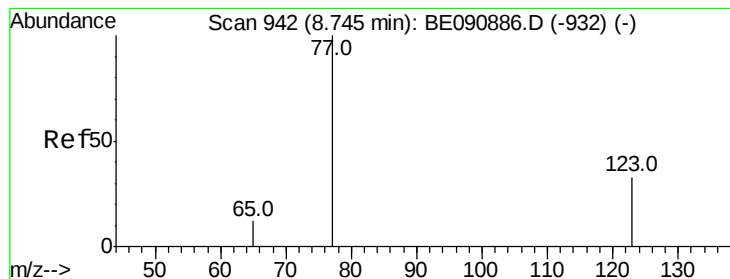


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Nitrobenzene

Concen: 0.91 ng

RT: 8.74 min Scan# 941

Delta R.T. -0.00 min

Lab File: BE090890.D

Acq: 18 Sep 2015 17:49

Instrument :

BNA_E

ClientSampleId :

ICVBE091815

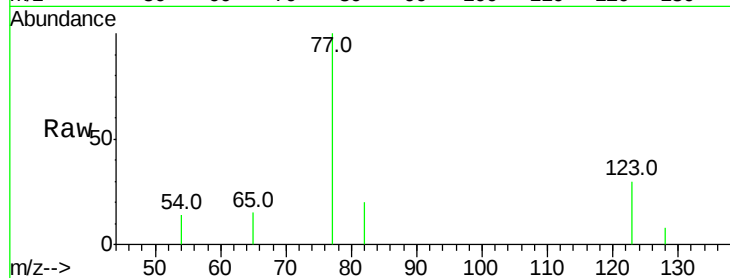
Tgt Ion: 77 Resp: 7621

Ion Ratio Lower Upper

77 100

123 30.3 25.1 37.7

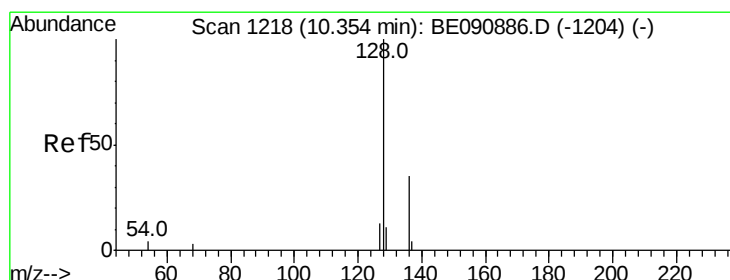
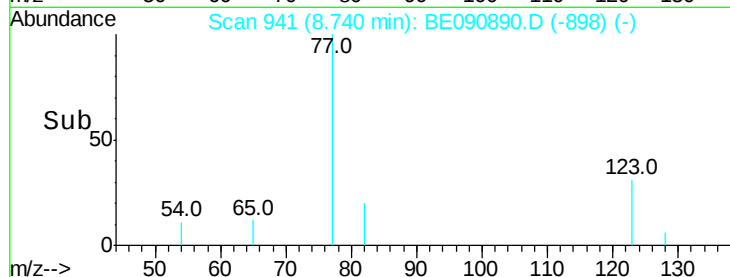
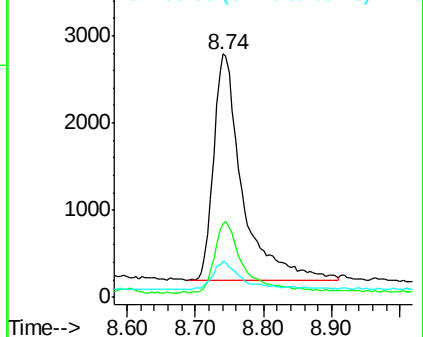
65 10.9 9.9 14.9



Abundance Ion 77.00 (76.70 to 77.70): BE090886.D (-932) (-)

Ion 123.00 (122.70 to 123.70): BE090886.D (-932) (-)

Ion 65.00 (64.70 to 65.70): BE090886.D (-932) (-)



#10

Naphthalene

Concen: 0.98 ng

RT: 10.35 min Scan# 1218

Delta R.T. -0.01 min

Lab File: BE090890.D

Acq: 18 Sep 2015 17:49

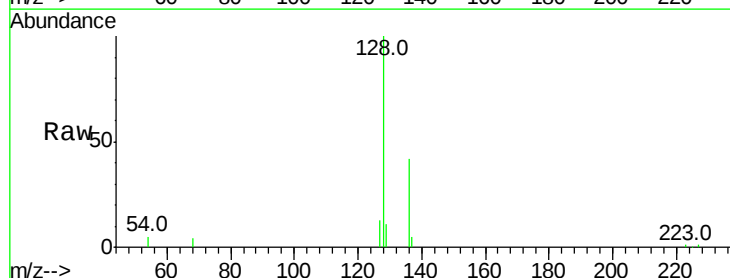
Tgt Ion: 128 Resp: 22794

Ion Ratio Lower Upper

128 100

129 11.3 8.4 12.6

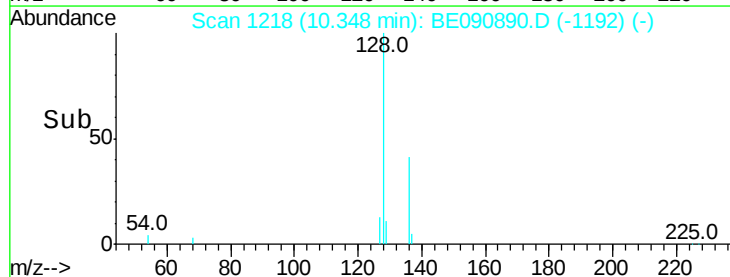
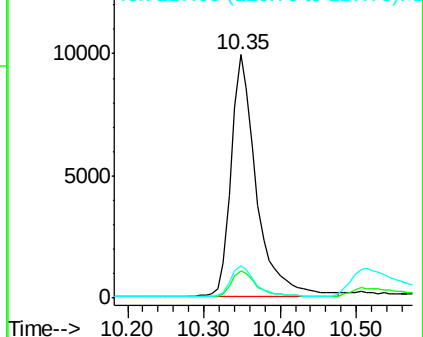
127 13.2 9.9 14.9

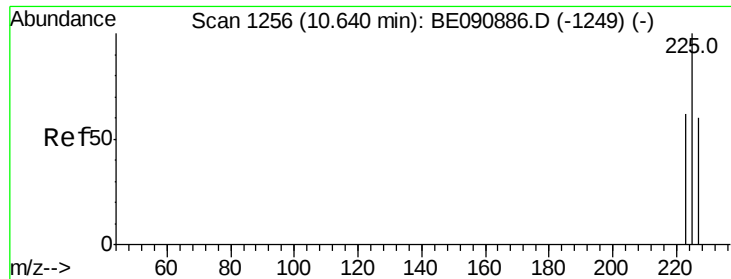


Abundance Ion 128.00 (127.70 to 128.70): BE090886.D (-1204) (-)

Ion 129.00 (128.70 to 129.70): BE090886.D (-1204) (-)

Ion 127.00 (126.70 to 127.70): BE090886.D (-1204) (-)

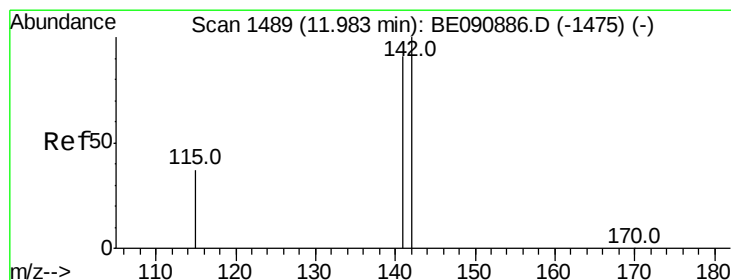
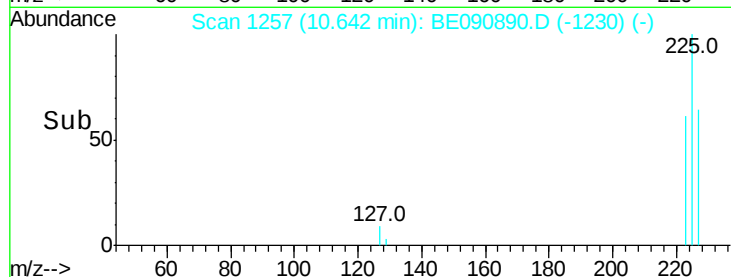
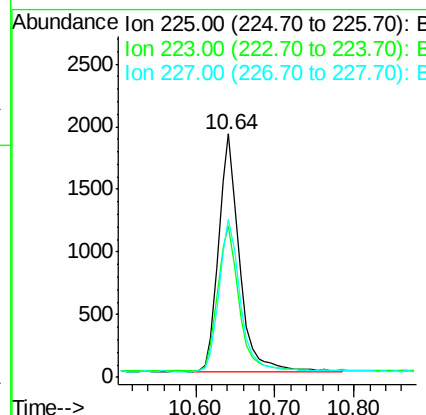
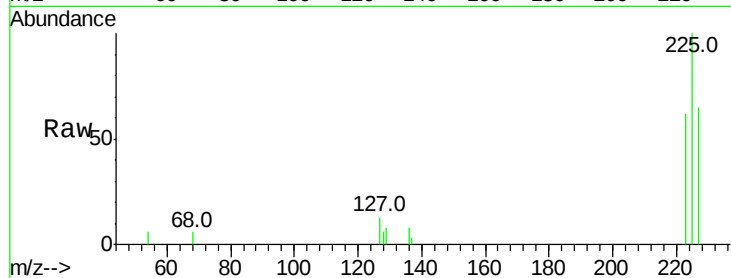




#11
Hexachlorobutadiene
Concen: 0.98 ng
RT: 10.64 min Scan# 1257
Delta R.T. 0.00 min
Lab File: BE090890.D
Acq: 18 Sep 2015 17:49

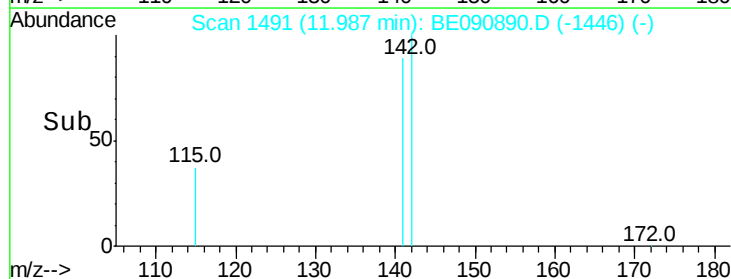
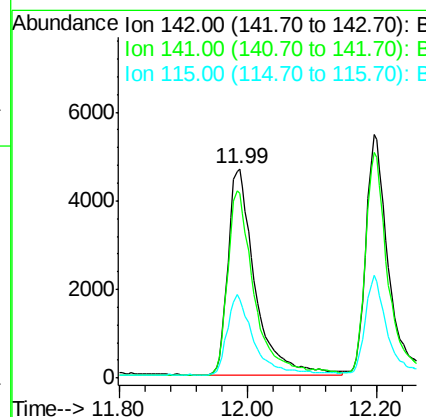
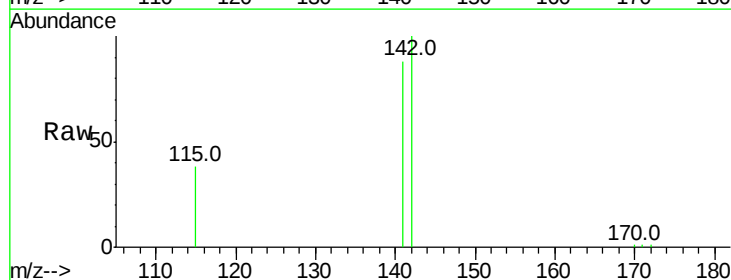
Instrument :
BNA_E
ClientSampleId :
ICVBE091815

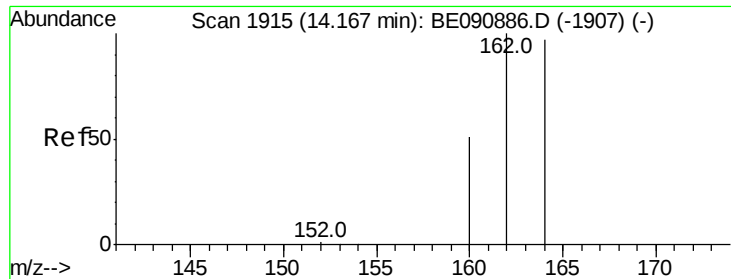
Tgt Ion: 225 Resp: 3451
Ion Ratio Lower Upper
225 100
223 63.0 50.6 76.0
227 65.0 51.0 76.6



#12
2-Methylnaphthalene
Concen: 0.92 ng
RT: 11.99 min Scan# 1491
Delta R.T. 0.00 min
Lab File: BE090890.D
Acq: 18 Sep 2015 17:49

Tgt Ion: 142 Resp: 13540
Ion Ratio Lower Upper
142 100
141 88.2 71.4 107.2
115 37.6 31.0 46.4





#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.17 min Scan# 1916

Delta R.T. -0.00 min

Lab File: BE090890.D

Acq: 18 Sep 2015 17:49

Instrument :

BNA_E

ClientSampleId :

ICVBE091815

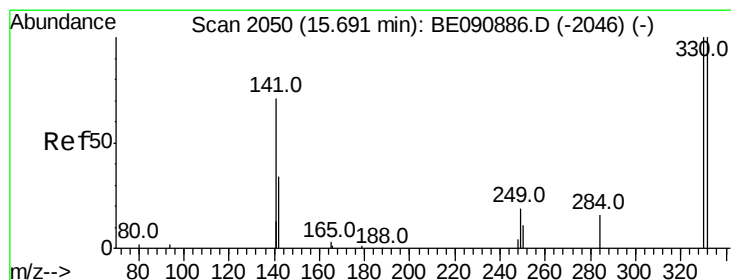
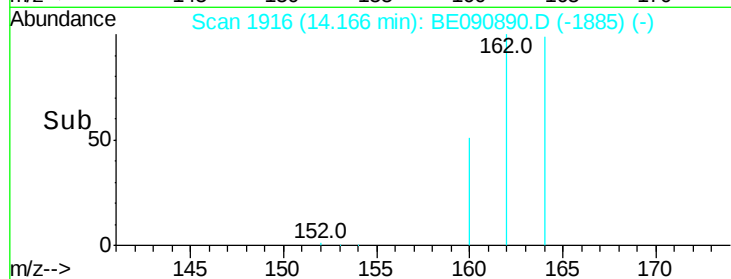
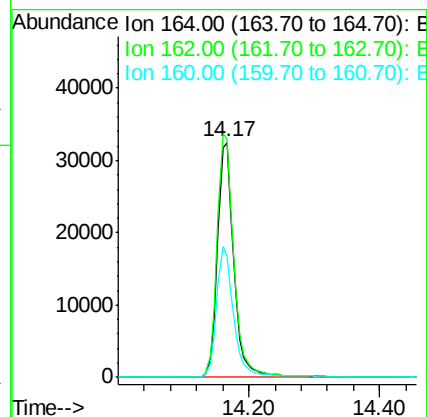
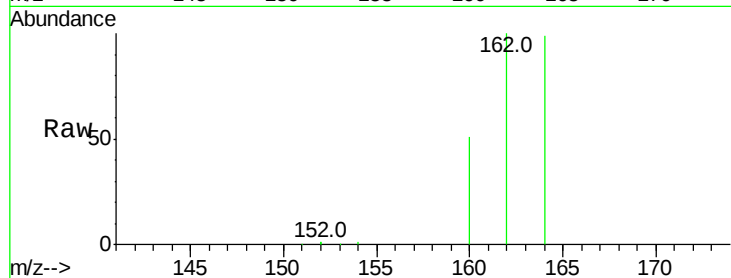
Tgt Ion:164 Resp: 56373

Ion Ratio Lower Upper

164 100

162 101.5 86.8 130.2

160 51.6 53.9 80.9#



#14

2,4,6-Tribromophenol

Concen: 0.85 ng

RT: 15.68 min Scan# 2051

Delta R.T. -0.02 min

Lab File: BE090890.D

Acq: 18 Sep 2015 17:49

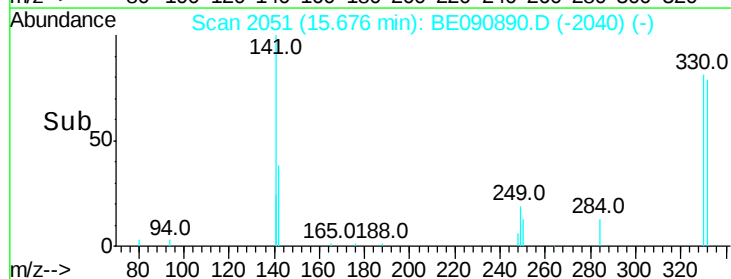
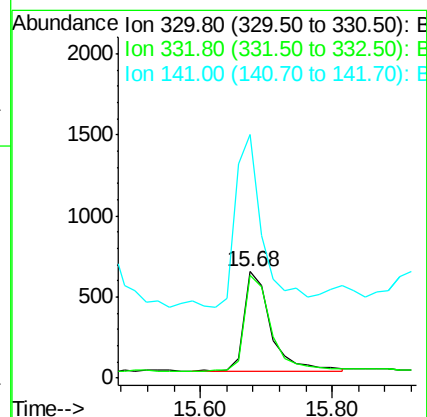
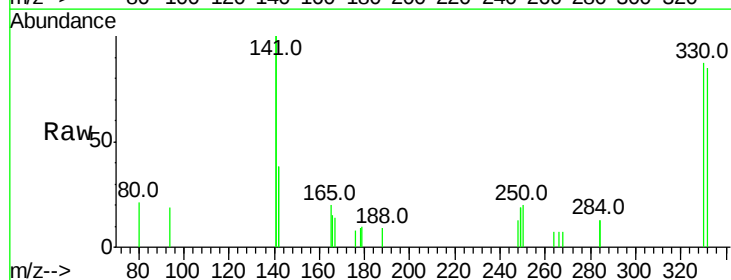
Tgt Ion:330 Resp: 1694

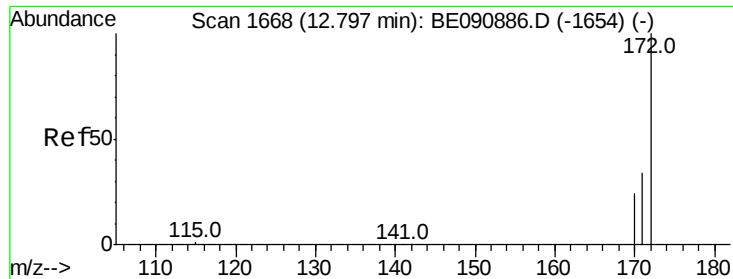
Ion Ratio Lower Upper

330 100

332 96.3 74.9 112.3

141 180.8 145.2 217.8

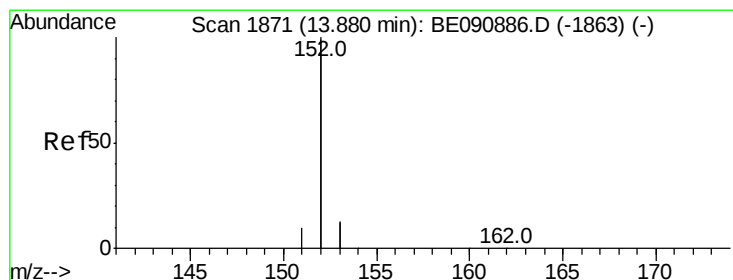
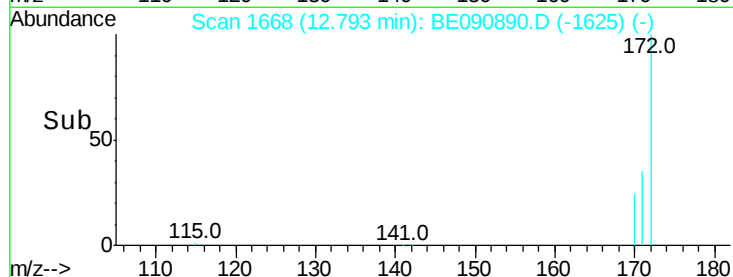
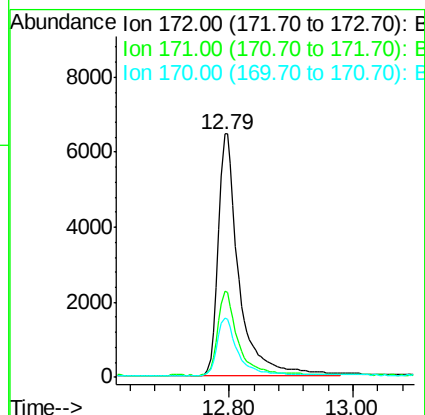
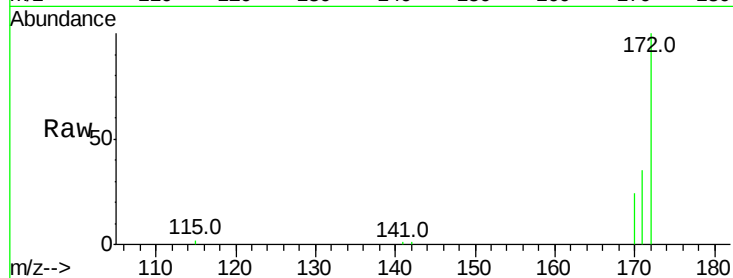




#15
2-Fluorobiphenyl
Concen: 0.94 ng
RT: 12.79 min Scan# 1668
Delta R.T. -0.00 min
Lab File: BE090890.D
Acq: 18 Sep 2015 17:49

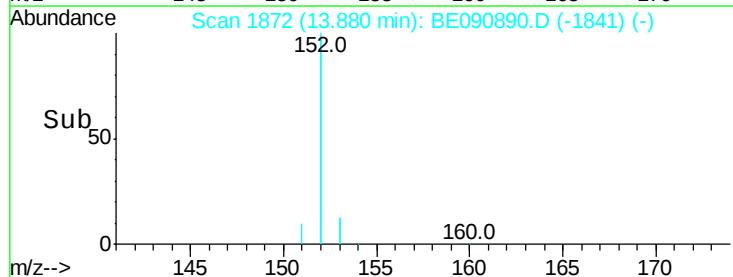
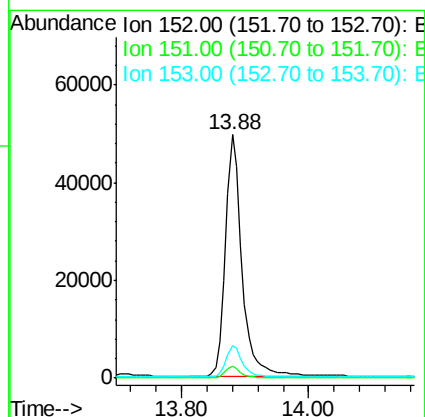
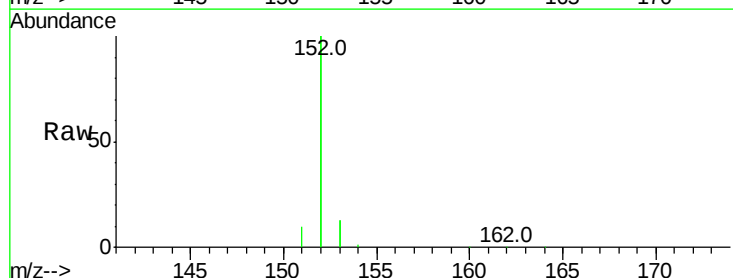
Instrument :
BNA_E
ClientSampleId :
ICVBE091815

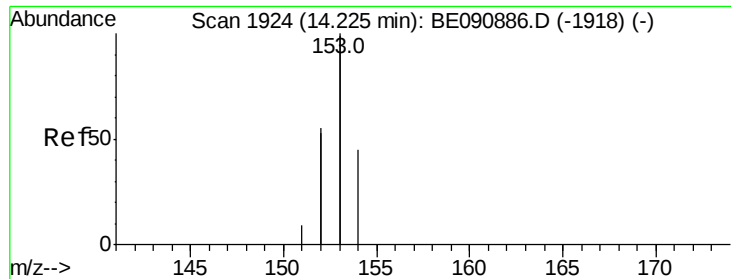
Tgt Ion:172 Resp: 15001
Ion Ratio Lower Upper
172 100
171 35.5 27.8 41.8
170 24.3 19.8 29.6



#16
Acenaphthylene
Concen: 0.92 ng
RT: 13.88 min Scan# 1872
Delta R.T. -0.00 min
Lab File: BE090890.D
Acq: 18 Sep 2015 17:49

Tgt Ion:152 Resp: 89859
Ion Ratio Lower Upper
152 100
151 4.7 3.9 5.9
153 12.8 10.3 15.5





#17

Acenaphthene

Concen: 0.93 ng

RT: 14.22 min Scan# 1925

Delta R.T. -0.00 min

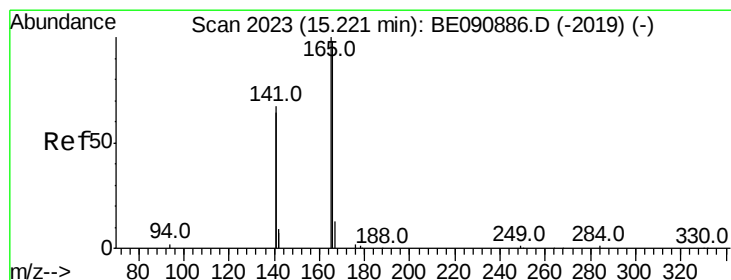
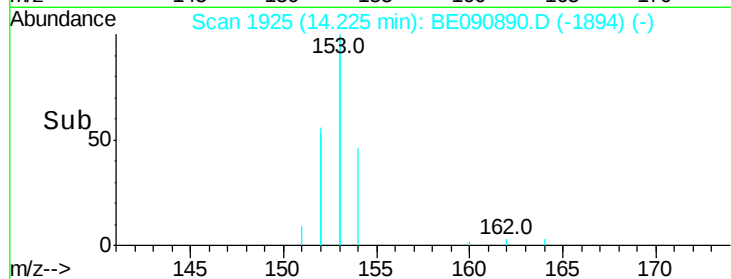
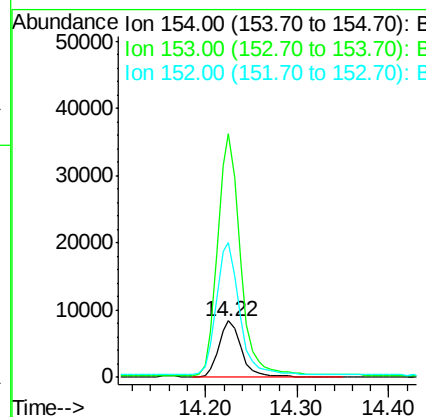
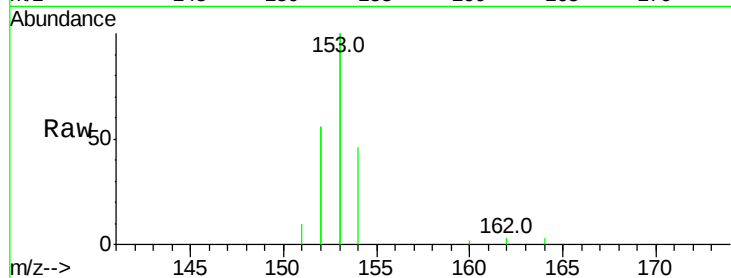
Lab File: BE090890.D

Acq: 18 Sep 2015 17:49

Instrument :
BNA_E
ClientSampleId :
ICVBE091815

Tgt Ion:154 Resp: 14063

Ion	Ratio	Lower	Upper
154	100		
153	439.9	354.5	531.7
152	242.0	227.8	341.6



#18

Fluorene

Concen: 0.95 ng

RT: 15.22 min Scan# 2025

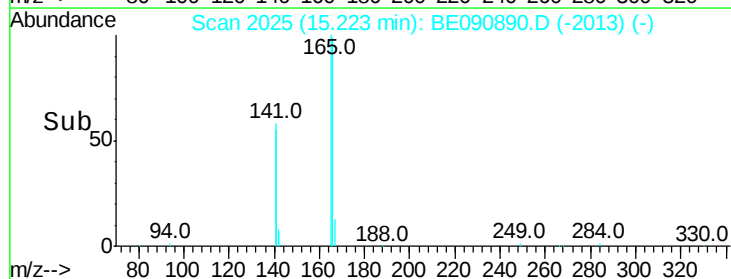
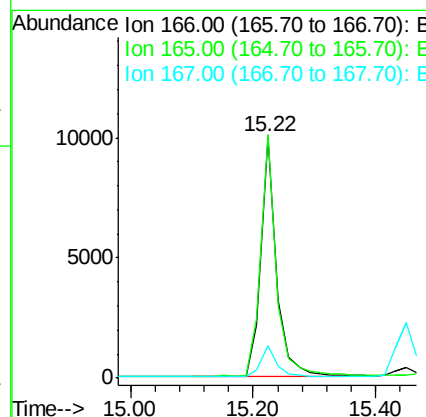
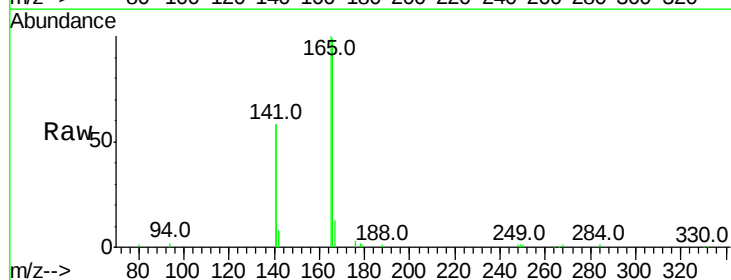
Delta R.T. 0.00 min

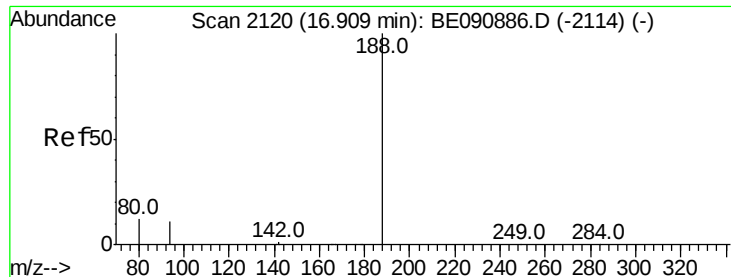
Lab File: BE090890.D

Acq: 18 Sep 2015 17:49

Tgt Ion:166 Resp: 17662

Ion	Ratio	Lower	Upper
166	100		
165	101.4	82.7	124.1
167	13.0	10.7	16.1





#19

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.91 min Scan# 2122

Delta R.T. 0.00 min

Lab File: BE090890.D

Acq: 18 Sep 2015 17:49

Instrument :

BNA_E

ClientSampleId :

ICVBE091815

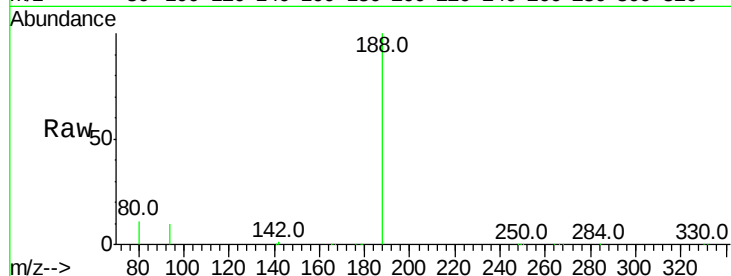
Tgt Ion:188 Resp: 133379

Ion Ratio Lower Upper

188 100

94 9.9 10.3 15.5#

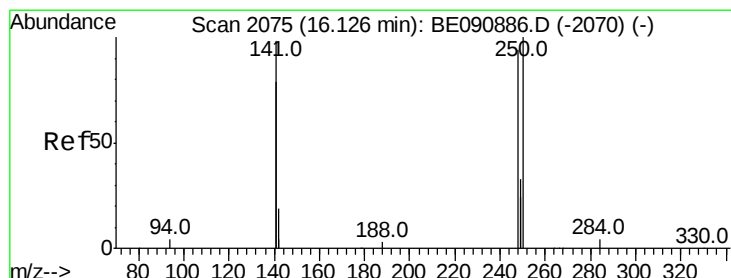
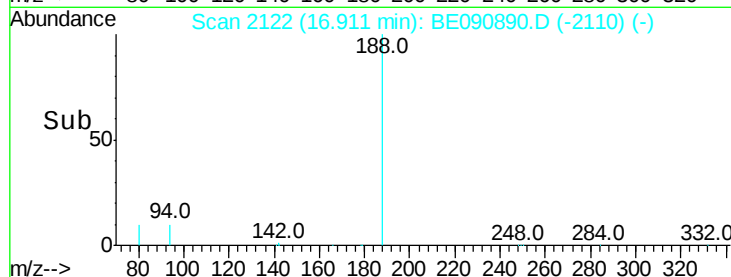
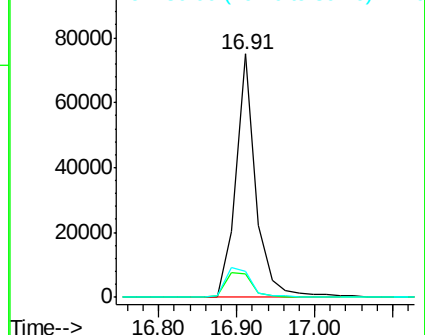
80 10.7 11.0 16.6#



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: 0.93 ng

RT: 16.11 min Scan# 2076

Delta R.T. -0.02 min

Lab File: BE090890.D

Acq: 18 Sep 2015 17:49

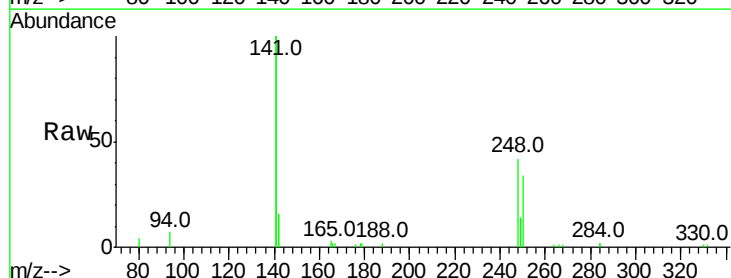
Tgt Ion:248 Resp: 4796

Ion Ratio Lower Upper

248 100

250 93.8 76.7 115.1

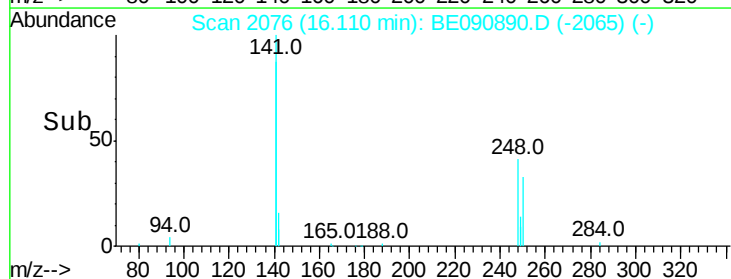
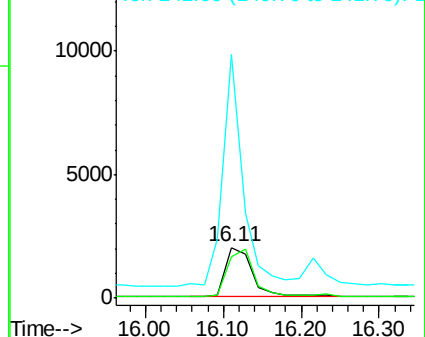
141 342.0 292.6 439.0

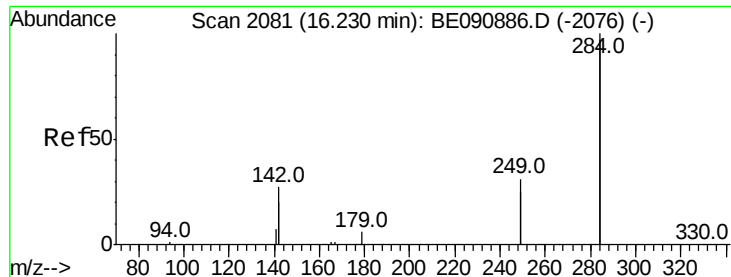


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.99 ng

RT: 16.23 min Scan# 2083

Delta R.T. 0.00 min

Lab File: BE090890.D

Acq: 18 Sep 2015 17:49

Instrument :

BNA_E

ClientSampleId :

ICVBE091815

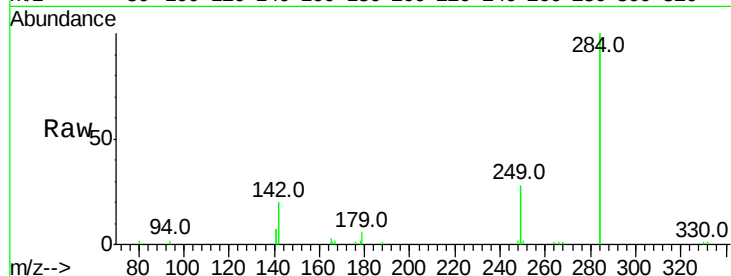
Tgt Ion:284 Resp: 22767

Ion Ratio Lower Upper

284 100

142 41.9 35.0 52.4

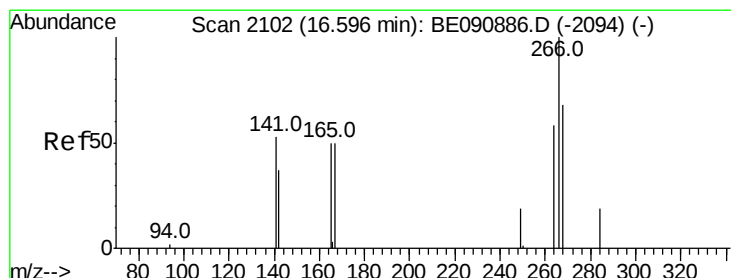
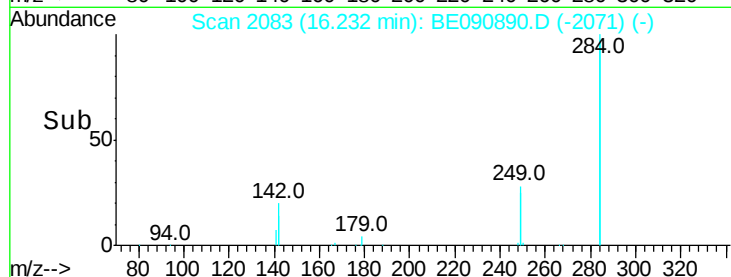
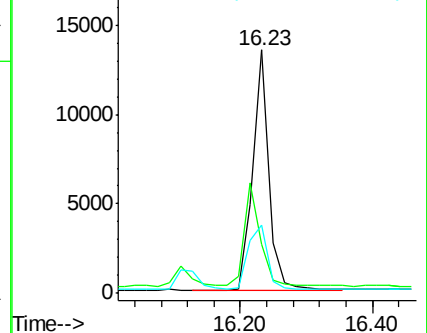
249 32.5 25.5 38.3



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: 0.80 ng

RT: 16.60 min Scan# 2104

Delta R.T. 0.00 min

Lab File: BE090890.D

Acq: 18 Sep 2015 17:49

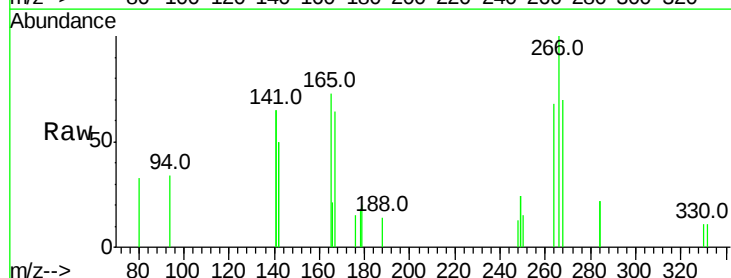
Tgt Ion:266 Resp: 1586

Ion Ratio Lower Upper

266 100

268 69.8 49.6 74.4

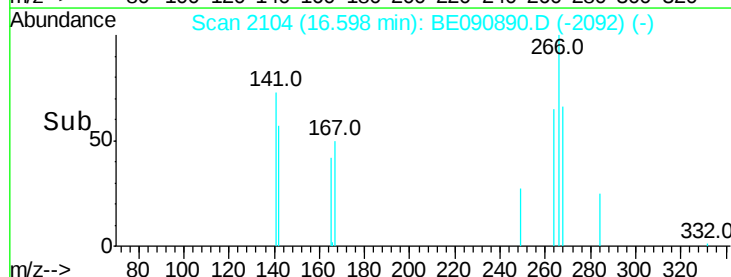
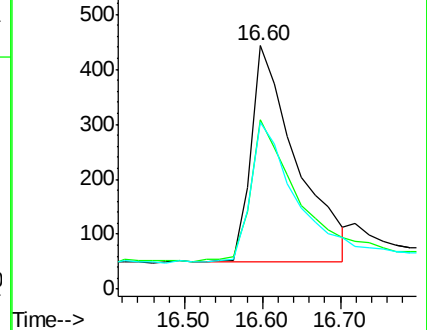
264 68.4 53.9 80.9

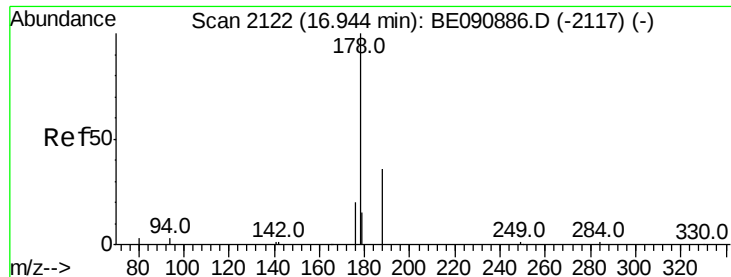


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

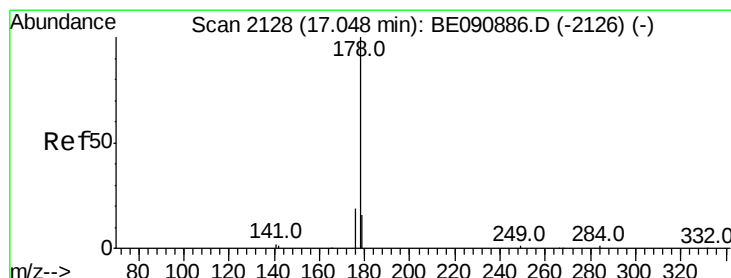
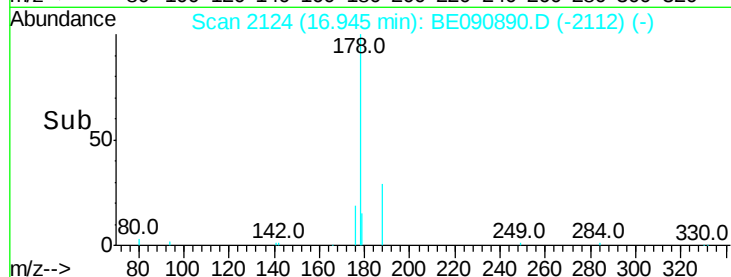
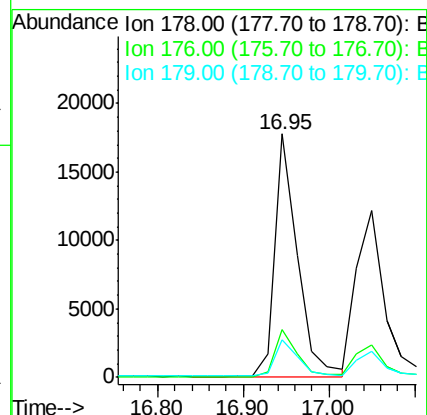
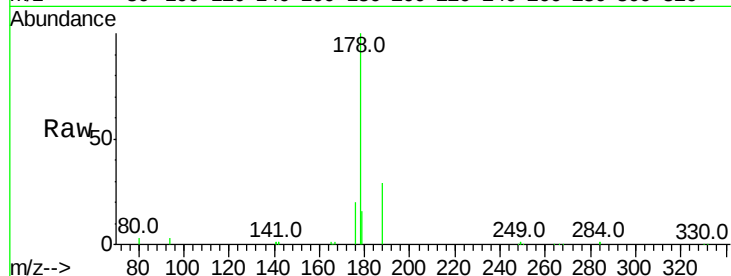




#23
Phenanthrene
Concen: 1.01 ng
RT: 16.95 min Scan# 2124
Delta R.T. 0.00 min
Lab File: BE090890.D
Acq: 18 Sep 2015 17:49

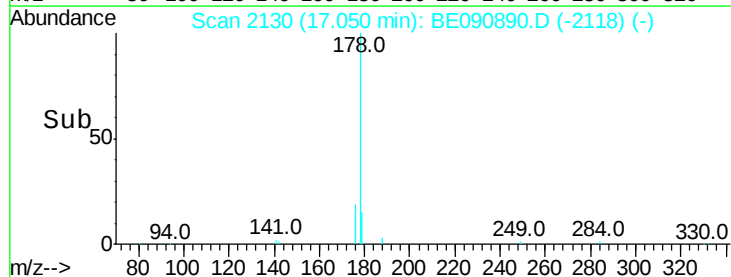
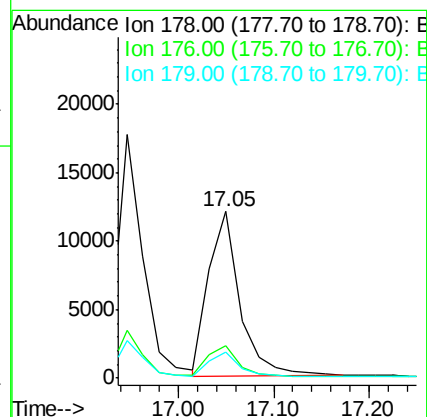
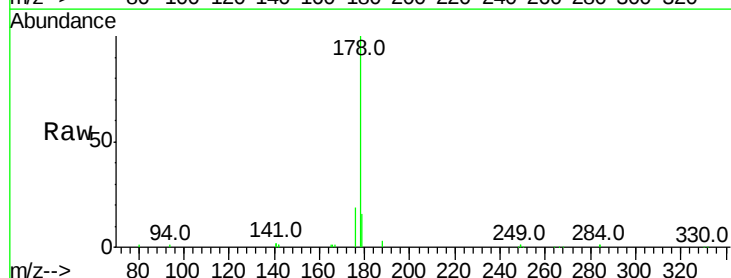
Instrument :
BNA_E
ClientSampleId :
ICVBE091815

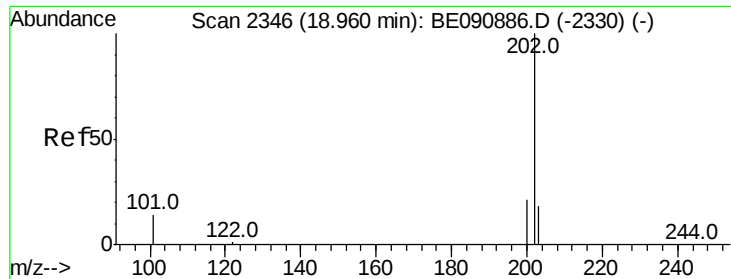
Tgt Ion:178 Resp: 32734
Ion Ratio Lower Upper
178 100
176 19.3 15.6 23.4
179 15.6 12.8 19.2



#24
Anthracene
Concen: 0.90 ng
RT: 17.05 min Scan# 2130
Delta R.T. 0.00 min
Lab File: BE090890.D
Acq: 18 Sep 2015 17:49

Tgt Ion:178 Resp: 27508
Ion Ratio Lower Upper
178 100
176 18.9 15.0 22.6
179 15.0 12.3 18.5





#25

Fluoranthene

Concen: 0.90 ng

RT: 18.96 min Scan# 2347

Delta R.T. -0.00 min

Lab File: BE090890.D

Acq: 18 Sep 2015 17:49

Instrument :

BNA_E

ClientSampleId :

ICVBE091815

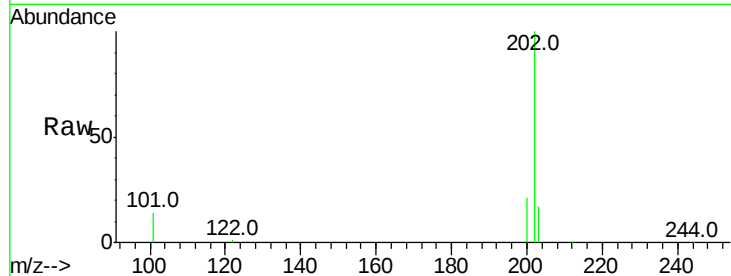
Tgt Ion:202 Resp: 36535

Ion Ratio Lower Upper

202 100

101 14.2 11.0 16.6

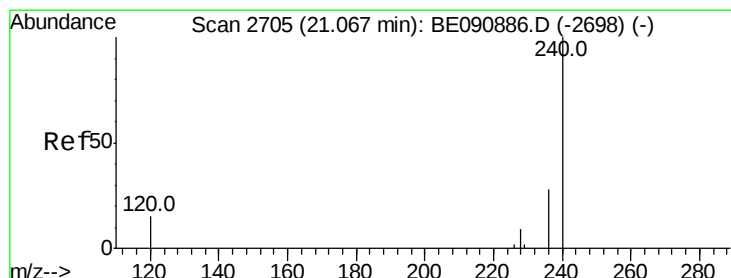
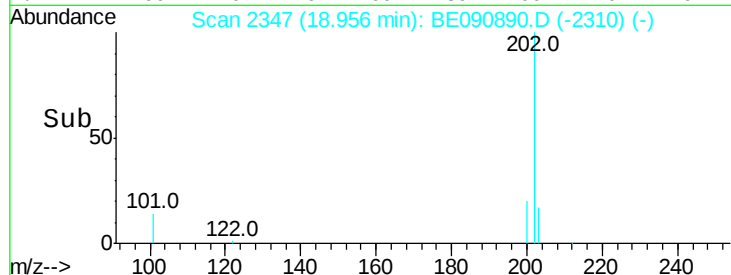
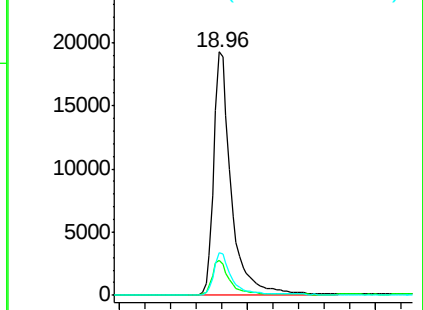
203 17.1 13.9 20.9



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: 21.07 min Scan# 2706

Delta R.T. -0.00 min

Lab File: BE090890.D

Acq: 18 Sep 2015 17:49

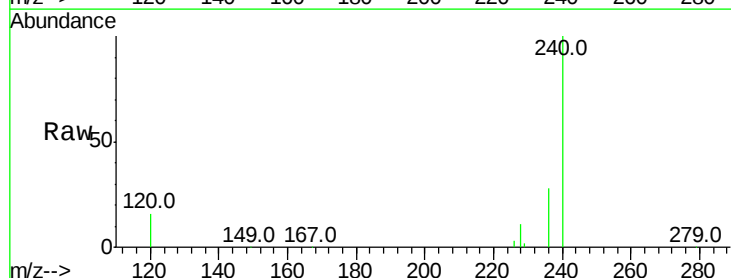
Tgt Ion:240 Resp: 186463

Ion Ratio Lower Upper

240 100

120 15.8 10.1 15.1#

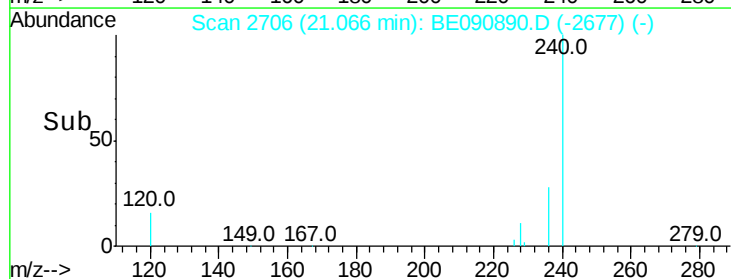
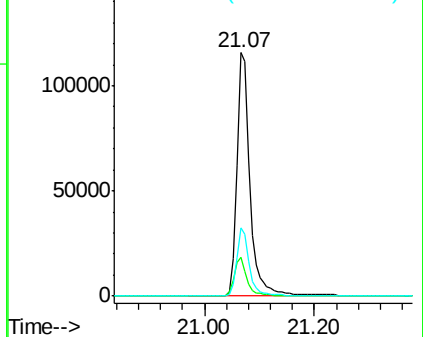
236 28.2 21.9 32.9

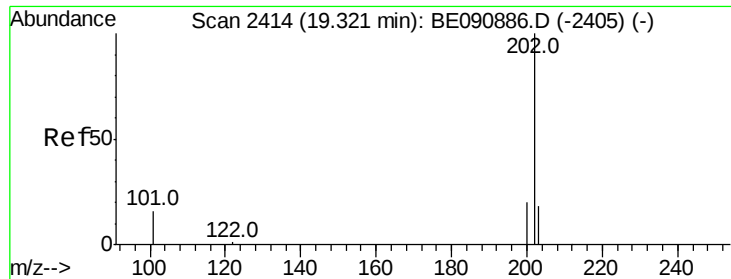


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

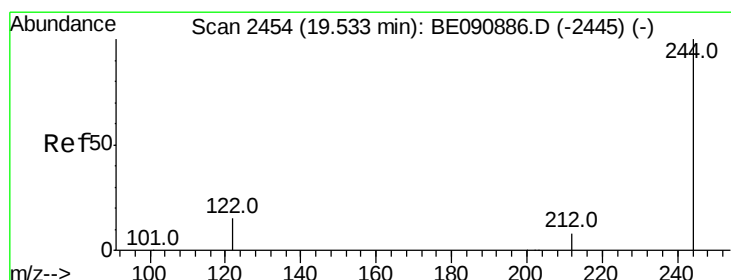
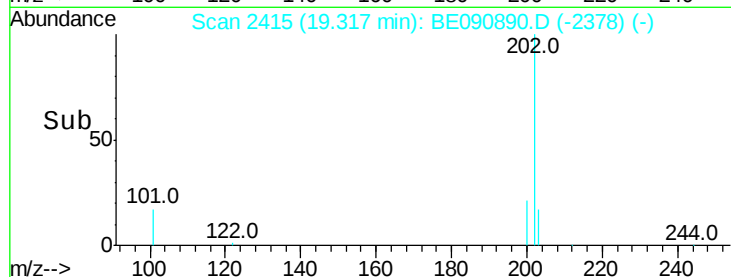
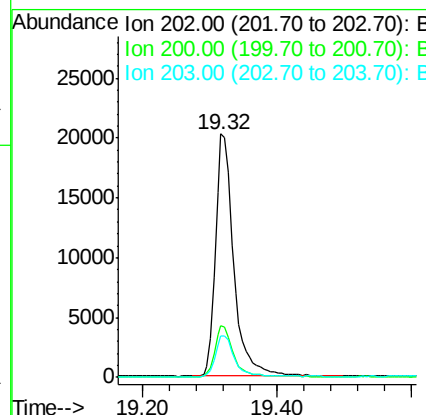
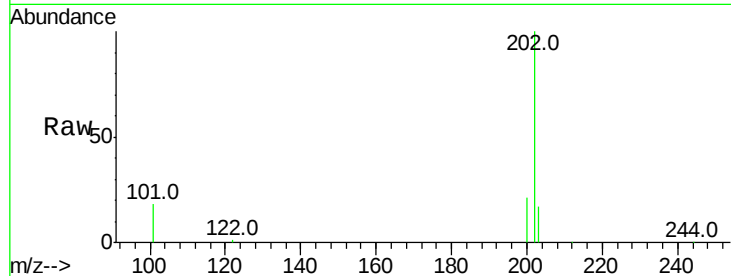




#27
 Pyrene
 Concen: 0.90 ng
 RT: 19.32 min Scan# 2415
 Delta R.T. -0.00 min
 Lab File: BE090890.D
 Acq: 18 Sep 2015 17:49

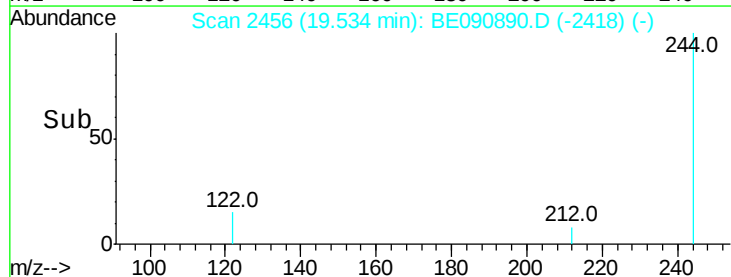
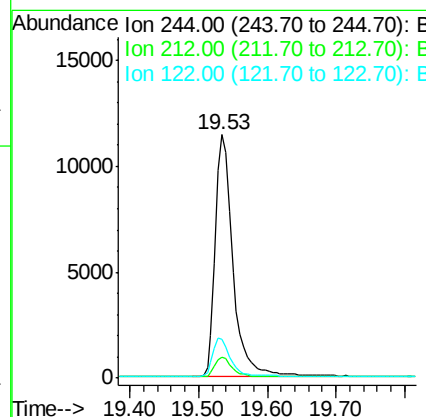
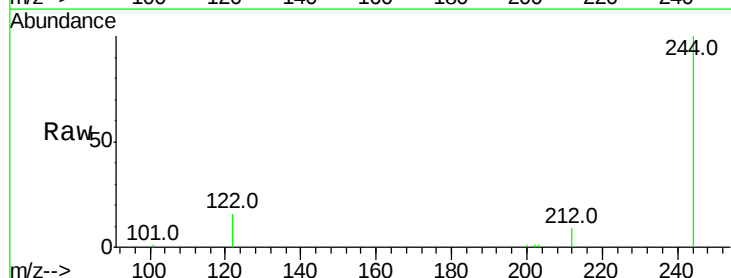
Instrument :
 BNA_E
 ClientSampleId :
 ICVBE091815

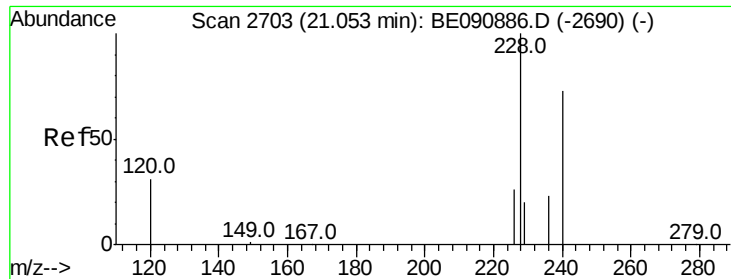
Tgt Ion: 202 Resp: 38428
 Ion Ratio Lower Upper
 202 100
 200 21.2 16.7 25.1
 203 17.2 13.8 20.6



#28
 Terphenyl-d14
 Concen: 0.92 ng
 RT: 19.53 min Scan# 2456
 Delta R.T. 0.00 min
 Lab File: BE090890.D
 Acq: 18 Sep 2015 17:49

Tgt Ion: 244 Resp: 20599
 Ion Ratio Lower Upper
 244 100
 212 8.7 6.9 10.3
 122 15.9 12.9 19.3





#29

Benzo(a)anthracene

Concen: 0.87 ng

RT: 21.05 min Scan# 2704

Delta R.T. -0.00 min

Lab File: BE090890.D

Acq: 18 Sep 2015 17:49

Instrument :

BNA_E

ClientSampleId :

ICVBE091815

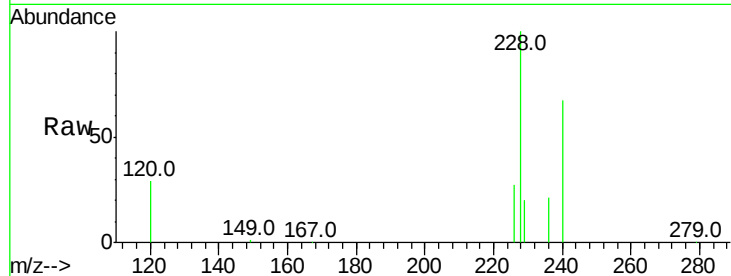
Tgt Ion:228 Resp: 40287

Ion Ratio Lower Upper

228 100

226 26.7 21.6 32.4

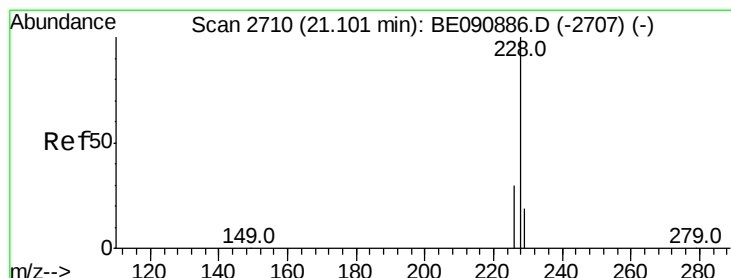
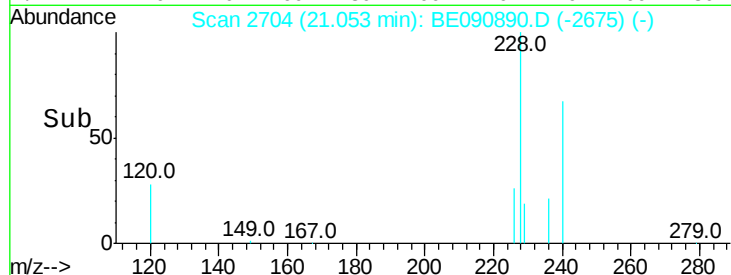
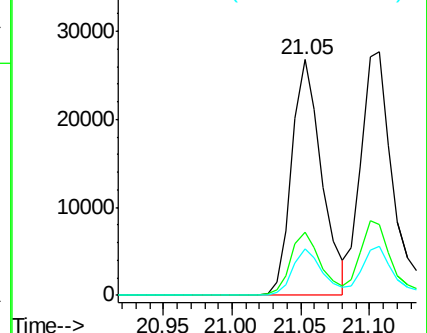
229 19.6 15.9 23.9



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



#30

Chrysene

Concen: 0.96 ng

RT: 21.11 min Scan# 2712

Delta R.T. 0.01 min

Lab File: BE090890.D

Acq: 18 Sep 2015 17:49

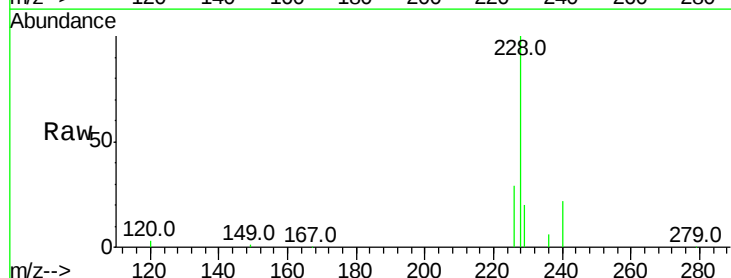
Tgt Ion:228 Resp: 46411

Ion Ratio Lower Upper

228 100

226 29.2 24.2 36.4

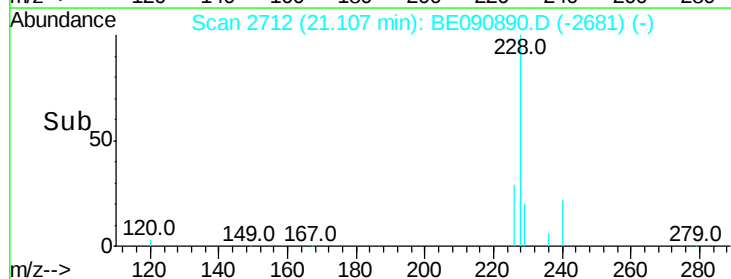
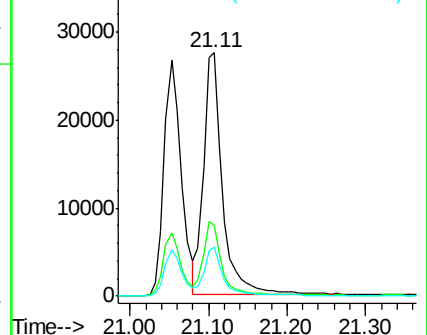
229 20.1 15.3 22.9

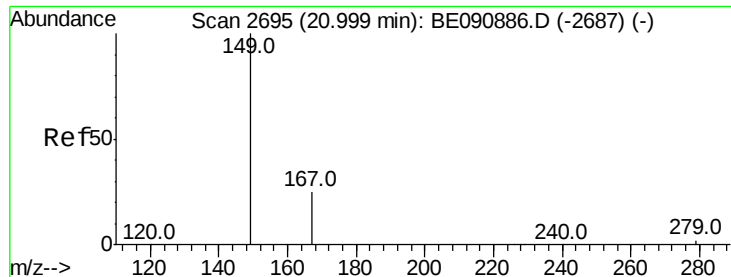


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

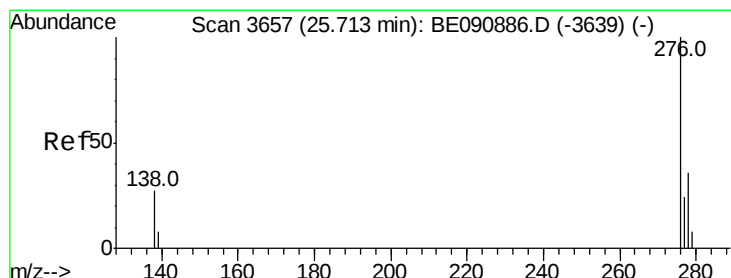
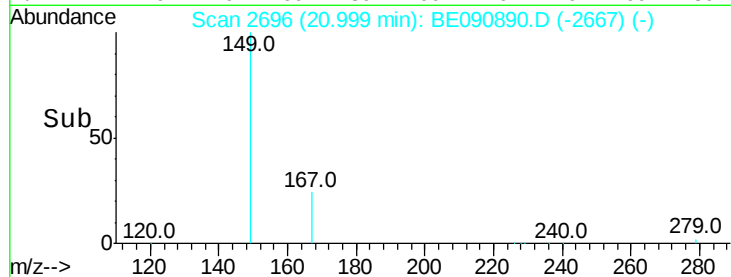
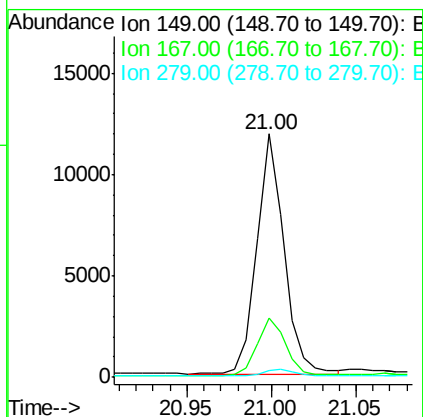
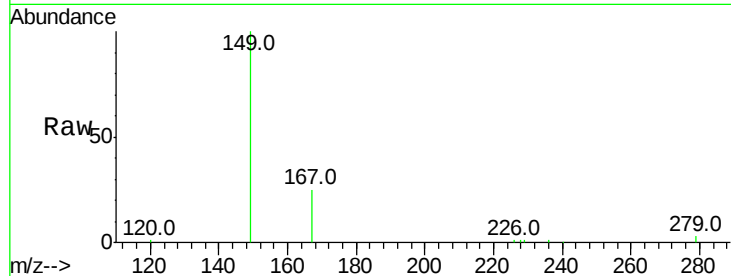




#31
 Bis(2-ethylhexyl)phthalate
 Concen: 0.77 ng
 RT: 21.00 min Scan# 2696
 Delta R.T. -0.00 min
 Lab File: BE090890.D
 Acq: 18 Sep 2015 17:49

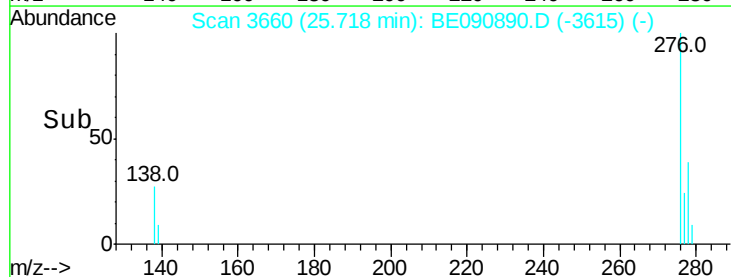
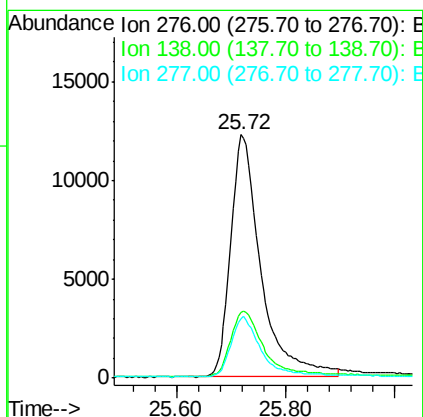
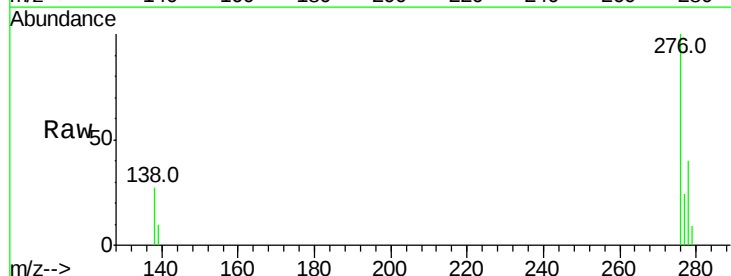
Instrument :
 BNA_E
 ClientSampleId :
 ICVBE091815

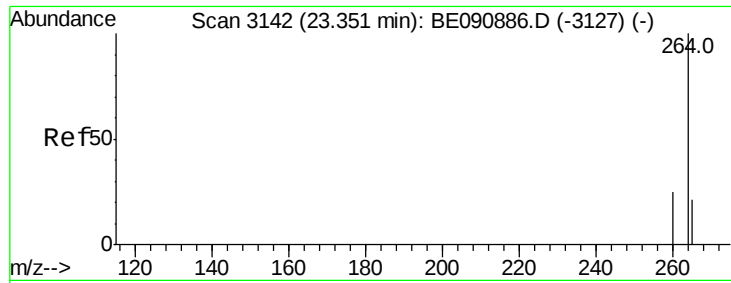
Tgt Ion:149 Resp: 13162
 Ion Ratio Lower Upper
 149 100
 167 25.4 20.1 30.1
 279 2.8 2.3 3.5



#32
 Indeno(1,2,3-cd)pyrene
 Concen: 0.87 ng
 RT: 25.72 min Scan# 3660
 Delta R.T. 0.00 min
 Lab File: BE090890.D
 Acq: 18 Sep 2015 17:49

Tgt Ion:276 Resp: 47263
 Ion Ratio Lower Upper
 276 100
 138 29.0 23.3 34.9
 277 25.0 19.8 29.6

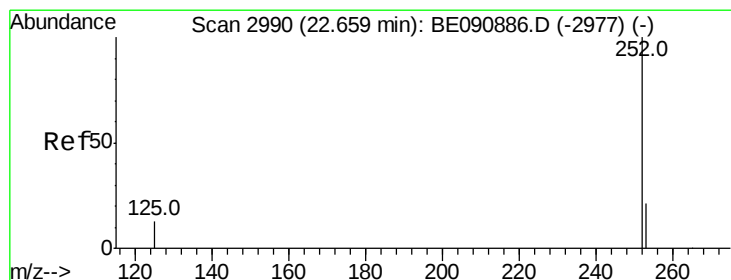
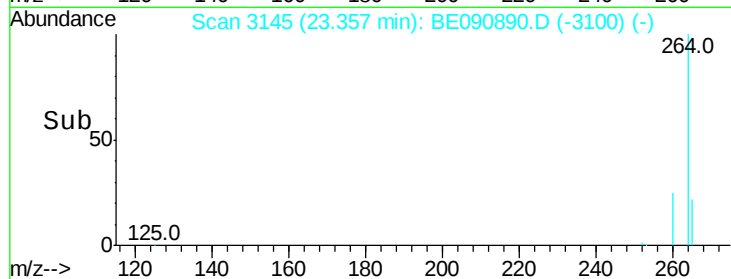
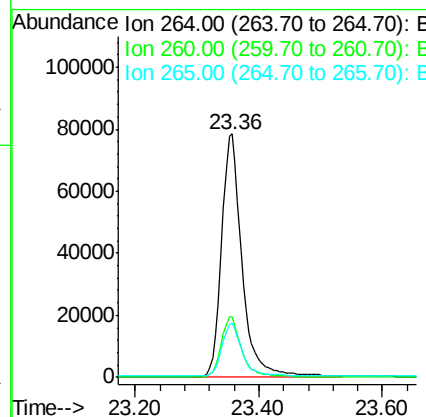
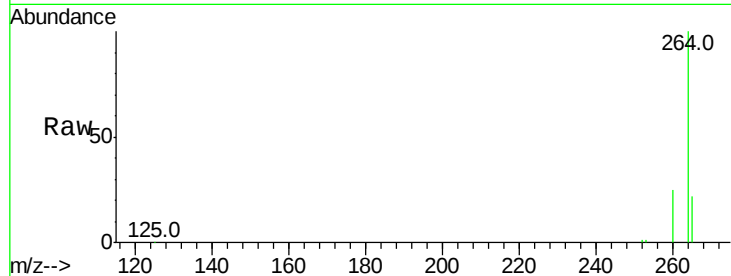




#33
Perylene-d12
 Concen: 5.00 ng
 RT: 23.36 min Scan# 3145
 Delta R.T. 0.01 min
 Lab File: BE090890.D
 Acq: 18 Sep 2015 17:49

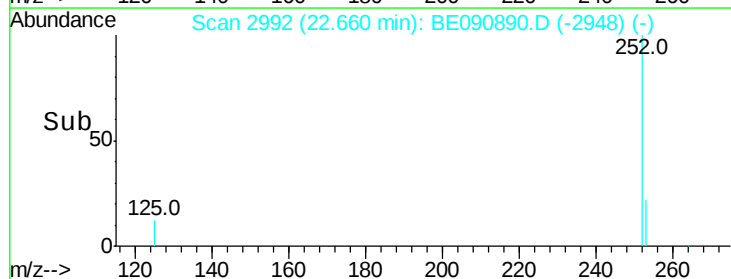
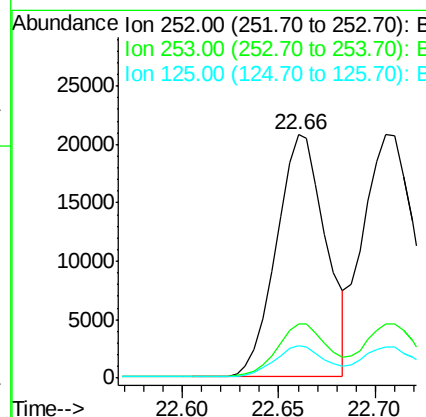
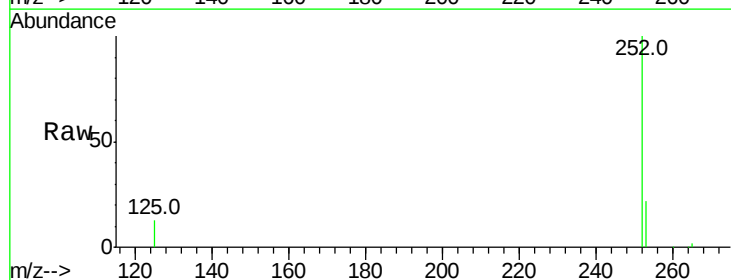
Instrument :
 BNA_E
 ClientSampleId :
 ICVBE091815

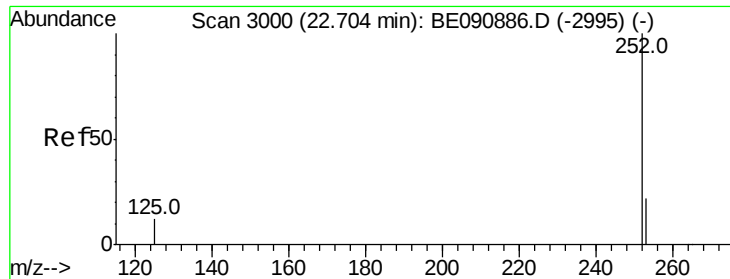
Tgt Ion:264 Resp: 182289
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.7 29.5
 265 22.2 17.5 26.3



#34
Benzo(b)fluoranthene
 Concen: 0.87 ng
 RT: 22.66 min Scan# 2992
 Delta R.T. 0.00 min
 Lab File: BE090890.D
 Acq: 18 Sep 2015 17:49

Tgt Ion:252 Resp: 37046
 Ion Ratio Lower Upper
 252 100
 253 22.2 17.9 26.9
 125 13.1 10.6 16.0

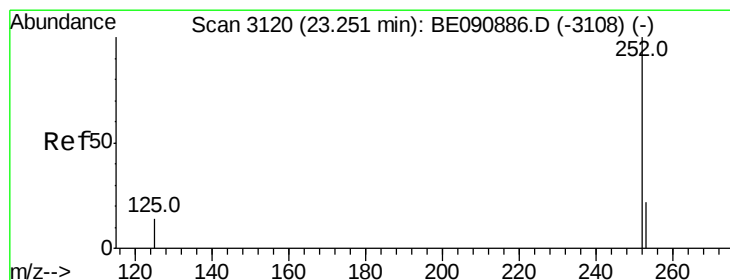
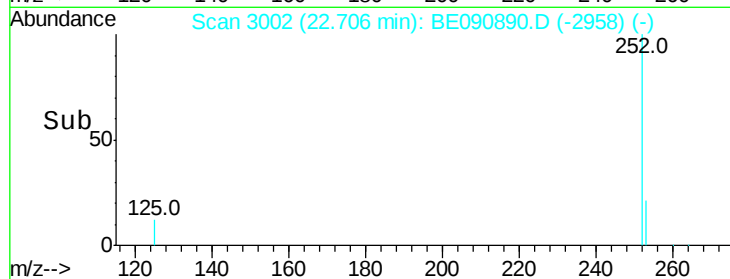
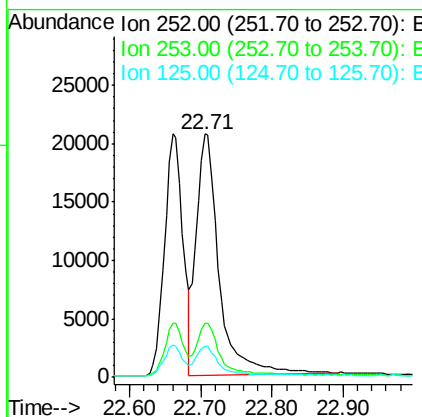
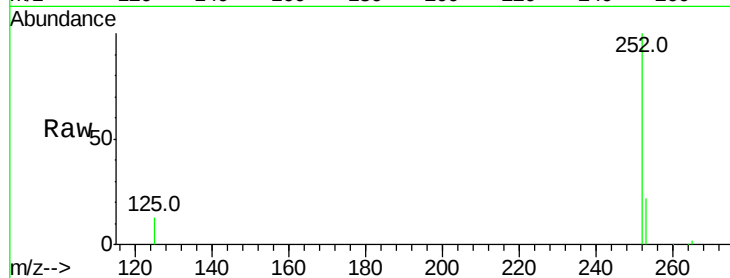




#35
Benzo(k)fluoranthene
Concen: 0.92 ng
RT: 22.71 min Scan# 3002
Delta R.T. 0.00 min
Lab File: BE090890.D
Acq: 18 Sep 2015 17:49

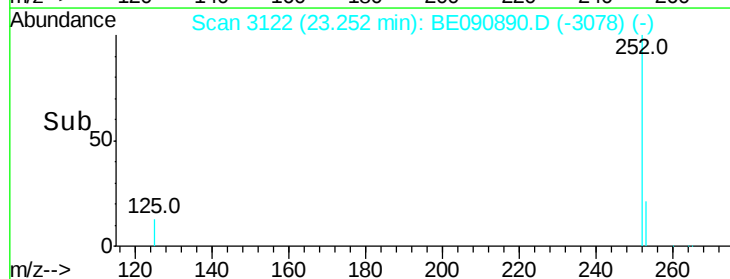
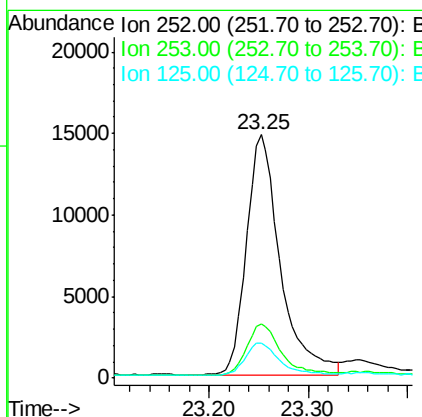
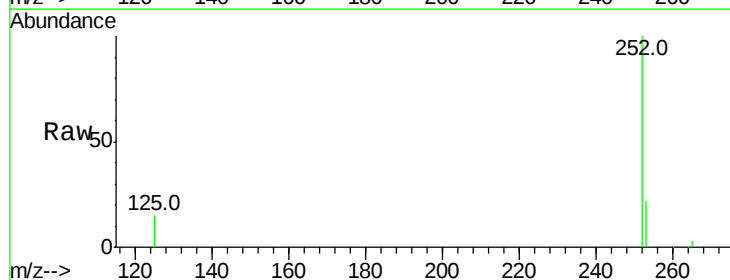
Instrument :
BNA_E
ClientSampleId :
ICVBE091815

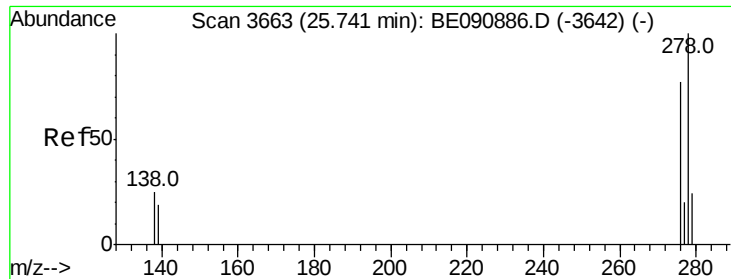
Tgt Ion:252 Resp: 45336
Ion Ratio Lower Upper
252 100
253 22.0 17.9 26.9
125 13.0 10.1 15.1



#36
Benzo(a)pyrene
Concen: 0.87 ng
RT: 23.25 min Scan# 3122
Delta R.T. 0.00 min
Lab File: BE090890.D
Acq: 18 Sep 2015 17:49

Tgt Ion:252 Resp: 35141
Ion Ratio Lower Upper
252 100
253 22.4 17.2 25.8
125 14.6 18.0 27.0#





#37

Dibenzo(a,h)anthracene

Concen: 0.87 ng

RT: 25.74 min Scan# 3664

Delta R.T. -0.00 min

Lab File: BE090890.D

Acq: 18 Sep 2015 17:49

Instrument :

BNA_E

ClientSampleId :

ICVBE091815

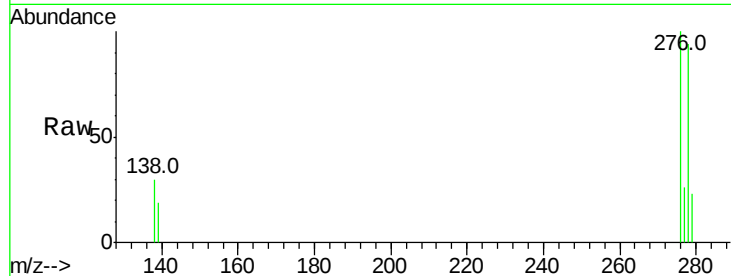
Tgt Ion:278 Resp: 36800

Ion Ratio Lower Upper

278 100

139 20.1 15.4 23.0

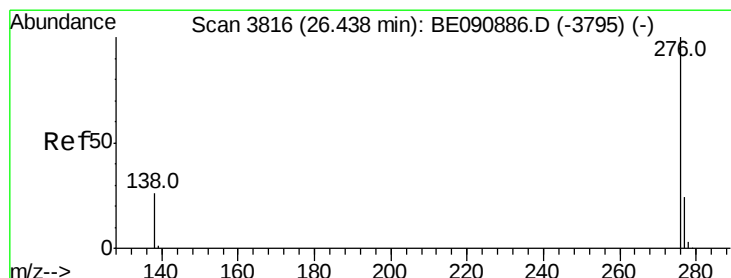
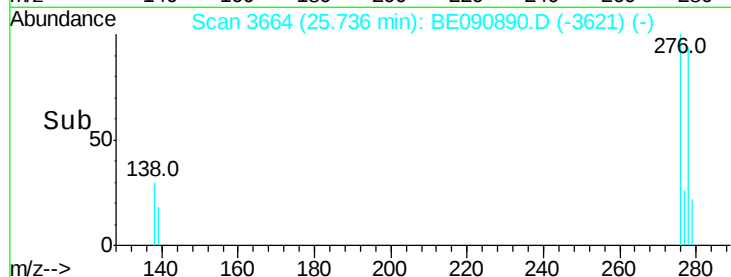
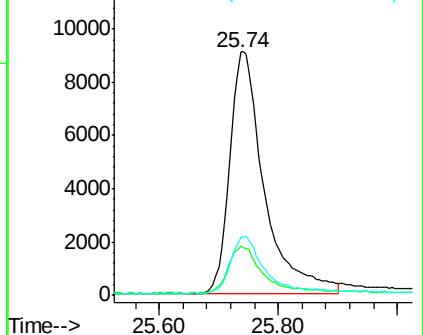
279 24.0 18.8 28.2



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



#38

Benzo(g,h,i)perylene

Concen: 0.91 ng

RT: 26.44 min Scan# 3819

Delta R.T. 0.00 min

Lab File: BE090890.D

Acq: 18 Sep 2015 17:49

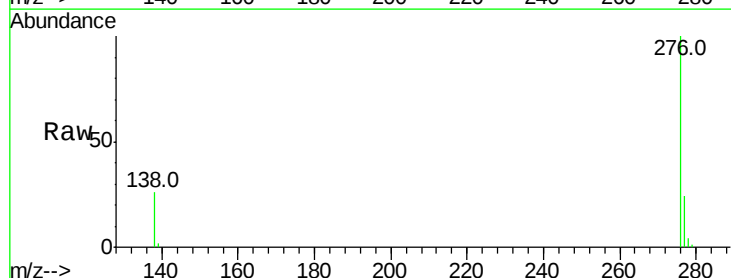
Tgt Ion:276 Resp: 40978

Ion Ratio Lower Upper

276 100

277 23.6 18.5 27.7

138 25.9 20.1 30.1



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

