

Data Path : Z:\HPCHEM1\BNA E\DATA\BE090115\
 Data File : BE090680.D
 Acq On : 1 Sep 2015 23:33
 Operator : UM/IZ
 Sample : G3462-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Sep 02 03:04:30 2015
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 02 01:57:39 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	43482	5.00	ng	0.00
6) Naphthalene-d8	10.30	136	225418	5.00	ng	0.00
12) Acenaphthene-d10	14.17	164	132347	5.00	ng	0.00
18) Phenanthrene-d10	16.91	188	327557	5.00	ng	0.00
25) Chrysene-d12	21.07	240	412543	5.00	ng	0.00
32) Perylene-d12	23.36	264	389737	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.18	112	20762	2.46	ng	0.00
5) Phenol-d6	6.75	99	23265	1.92	ng	0.00
7) Nitrobenzene-d5	8.69	82	37982	2.55	ng	-0.01
13) 2,4,6-Tribromophenol	15.67	330	49154	12.56	ng	0.00
14) 2-Fluorobiphenyl	12.79	172	115534	3.15	ng	0.00
27) Terphenyl-d14	19.53	244	278629	6.10	ng	-0.01

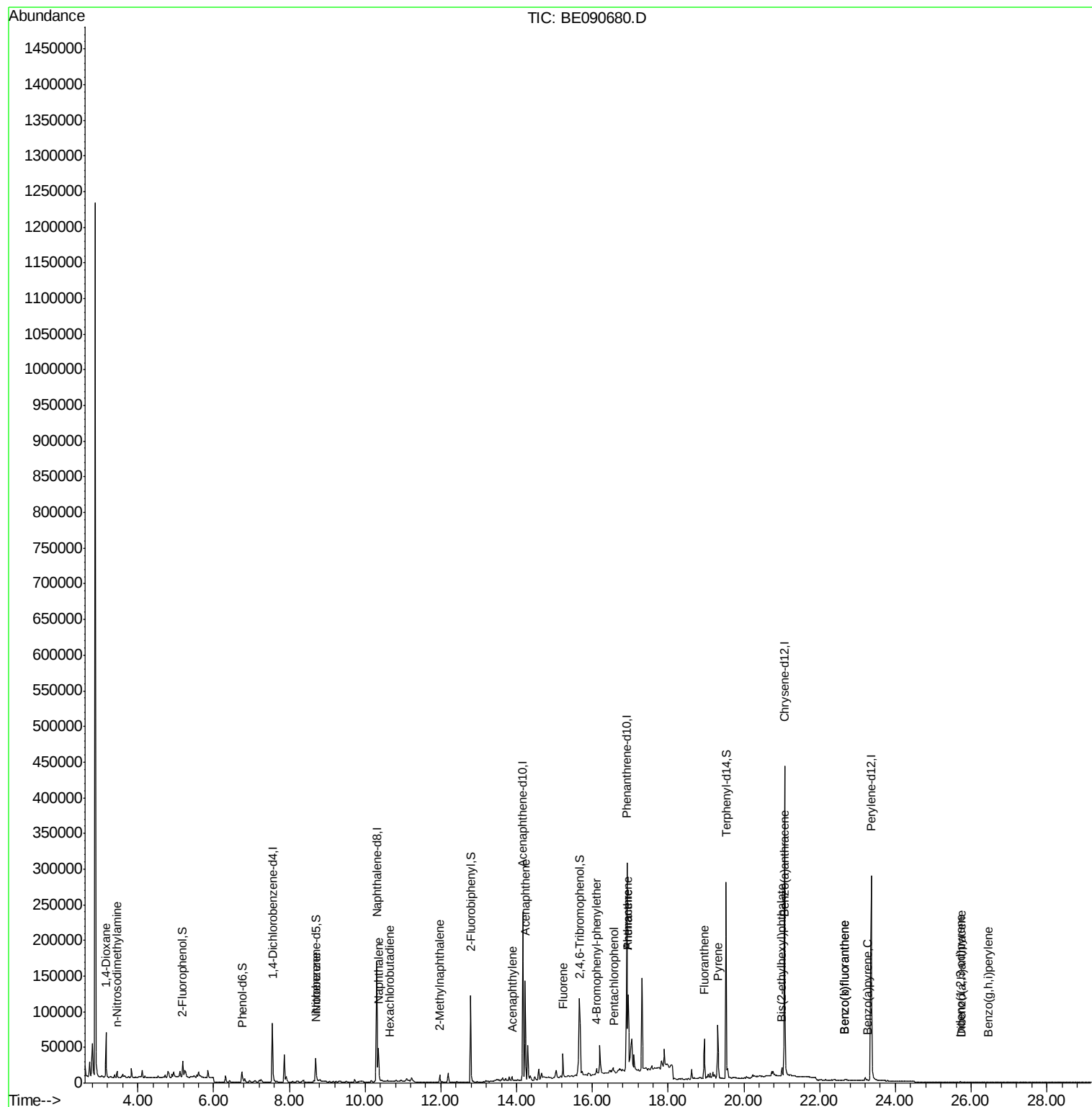
Target Compounds						Qvalue
2) 1,4-Dioxane	3.15	88	32245	5.73	ng	95
3) n-Nitrosodimethylamine	3.45	42	682	0.00	ng	# 1
8) Nitrobenzene	8.72	77	346	0.13	ng	# 1
9) Naphthalene	10.35	128	63191	1.29	ng	100
10) Hexachlorobutadiene	10.65	225	19	0.00	ng	# 56
11) 2-Methylnaphthalene	11.97	142	7546	0.28	ng	98
15) Acenaphthylene	13.88	152	5309	0.03	ng	# 85
16) Acenaphthene	14.23	154	24894	0.70	ng	91
17) Fluorene	15.22	166	24490	0.56	ng	# 95
19) 4-Bromophenyl-phenylether	16.11	248	122	0.01	ng	# 1
20) Hexachlorobenzene	16.23	284	324	Below Cal		# 19
21) Pentachlorophenol	16.58	266	1165	0.33	ng	95
22) Phenanthrene	16.94	178	123977	1.53	ng	99
23) Anthracene	16.94	178	123357	1.82	ng	99
24) Fluoranthene	18.96	202	49275	0.58	ng	98
26) Pyrene	19.32	202	63971	0.75	ng	98
28) Benzo(a)anthracene	21.05	228	9363	0.09	ng	# 72
29) Chrysene	21.11	228	4860	Below Cal		# 52
30) Bis(2-ethylhexyl)phthalate	21.00	149	13063	0.60	ng	# 98
31) Indeno(1,2,3-cd)pyrene	25.72	276	1364	0.01	ng	# 90
33) Benzo(b)fluoranthene	22.67	252	2877	0.03	ng	# 20
34) Benzo(k)fluoranthene	22.67	252	2877	0.03	ng	# 19
35) Benzo(a)pyrene	23.25	252	1789	0.02	ng	# 1
36) Dibenzo(a,h)anthracene	25.74	278	566	0.15	ng	# 1
37) Benzo(g,h,i)perylene	26.44	276	1296	0.01	ng	# 46

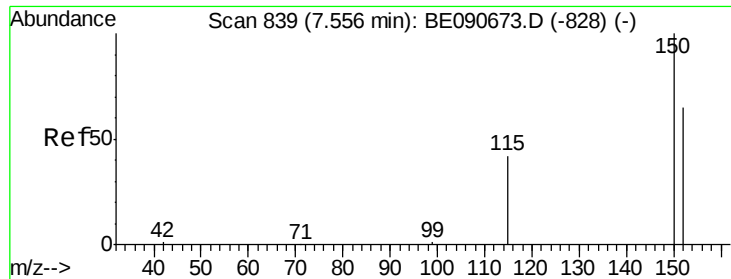
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA E\DATA\BE090115\
Data File : BE090680.D
Acq On : 1 Sep 2015 23:33
Operator : UM/IZ
Sample : G3462-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Sep 02 03:04:30 2015
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 02 01:57:39 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.55 min Scan# 838

Delta R.T. -0.01 min

Lab File: BE090680.D

Acq: 1 Sep 2015 23:33

Instrument :

BNA_E

ClientSampled :

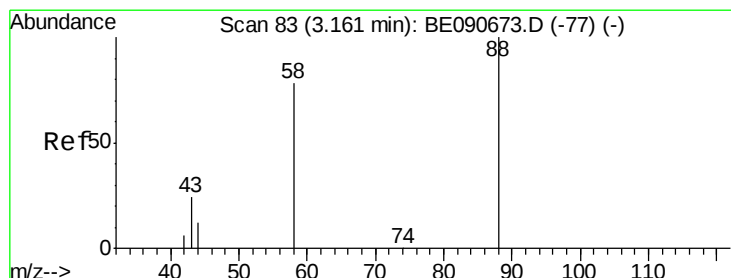
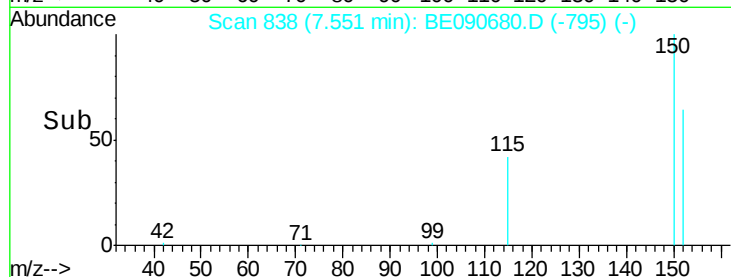
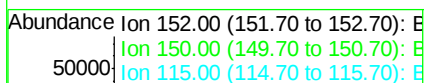
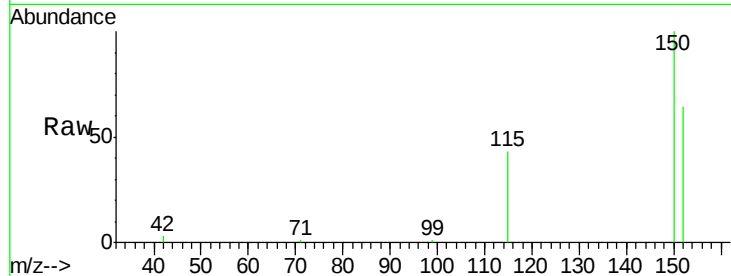
Tot Ion:152 Resp: 43482

Ion Ratio Lower Upper

152 100

150 155.6 122.2 183.4

115 66.2 51.0 76.4



#2

1,4-Dioxane

Concen: 5.73 ng

RT: 3.15 min Scan# 82

Delta R.T. -0.01 min

Lab File: BE090680.D

Acq: 1 Sep 2015 23:33

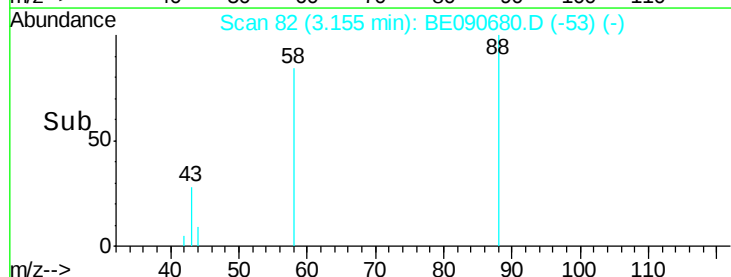
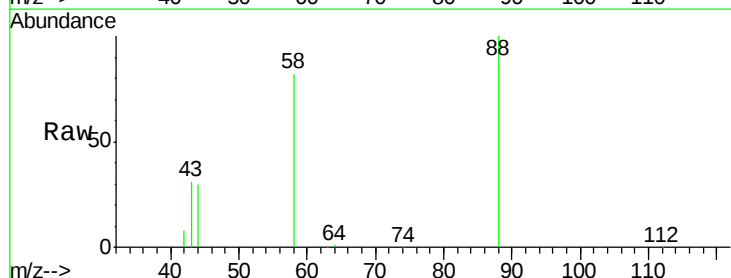
Tgt Ion: 88 Resp: 32245

Ion Ratio Lower Upper

88 100

58 90.1 68.4 102.6

43 35.8 26.9 40.3



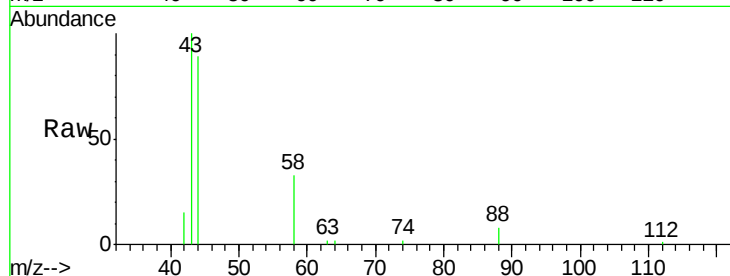


#3

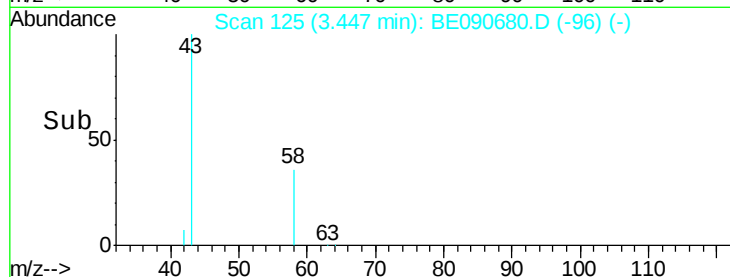
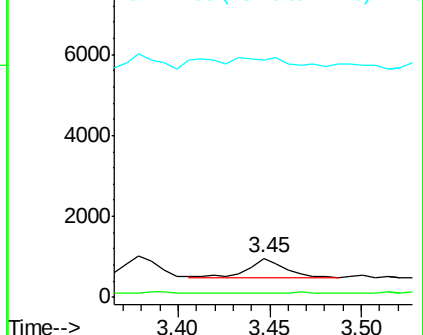
n-Nitrosodimethylamine
 Concen: 0.00 ng
 RT: 3.45 min Scan# 125
 Delta R.T. -0.01 min
 Lab File: BE090680.D
 Acq: 1 Sep 2015 23:33

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion: 42 Resp: 682
 Ion Ratio Lower Upper
 42 100
 74 0.0 83.7 125.5#
 44 65.4 10.0 15.0#



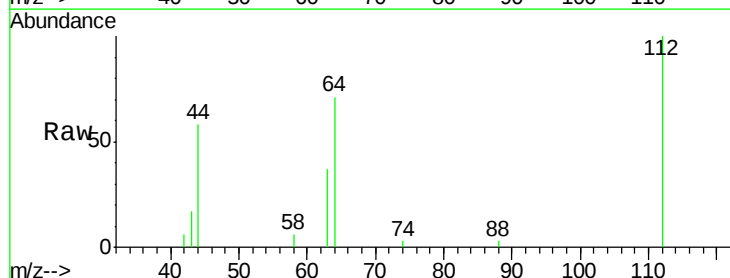
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



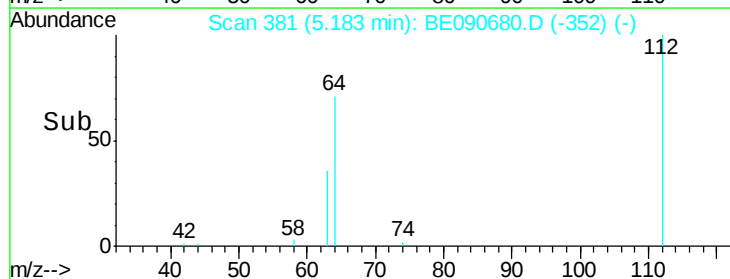
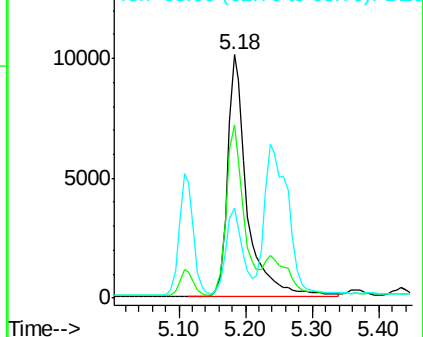
#4

2-Fluorophenol
 Concen: 2.46 ng
 RT: 5.18 min Scan# 381
 Delta R.T. -0.01 min
 Lab File: BE090680.D
 Acq: 1 Sep 2015 23:33

Tgt Ion: 112 Resp: 20762
 Ion Ratio Lower Upper
 112 100
 64 60.4 57.3 85.9
 63 30.0 29.2 43.8



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: 1.92 ng

RT: 6.75 min Scan# 661

Delta R.T. -0.01 min

Lab File: BE090680.D

Acq: 1 Sep 2015 23:33

Instrument :

BNA_E

ClientSampleId :

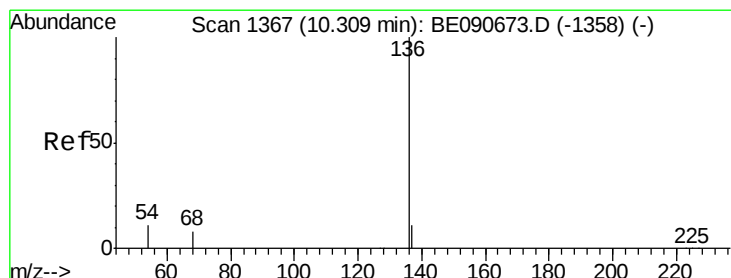
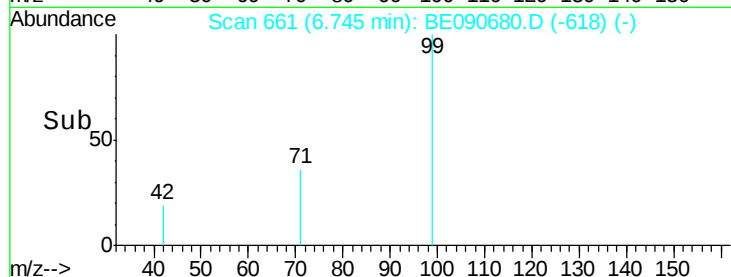
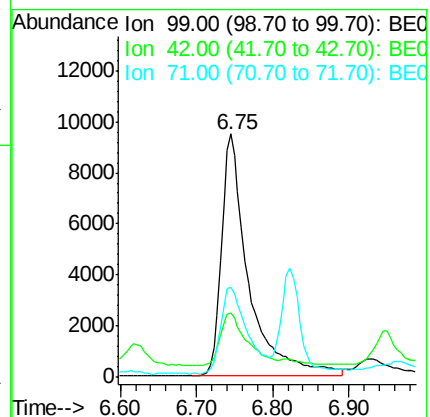
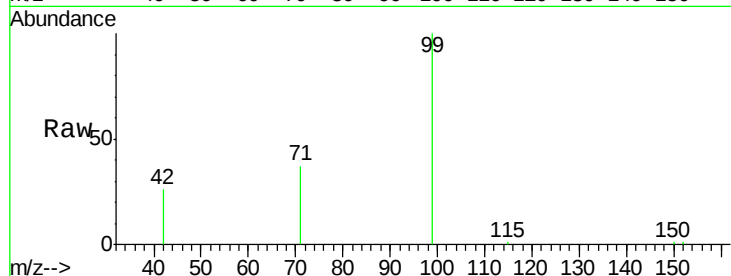
Tot Ion: 99 Resp: 23265

Ion Ratio Lower Upper

99 100

42 21.7 16.8 25.2

71 35.1 28.3 42.5



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.30 min Scan# 1366

Delta R.T. -0.01 min

Lab File: BE090680.D

Acq: 1 Sep 2015 23:33

Tgt Ion: 136 Resp: 225418

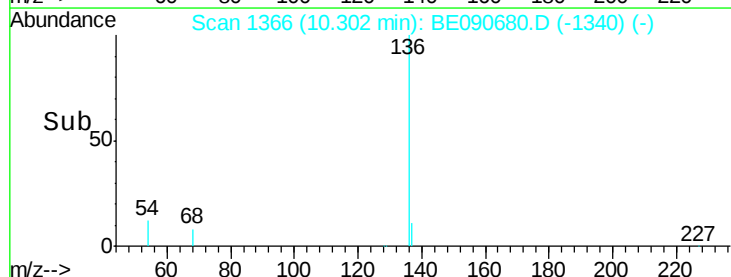
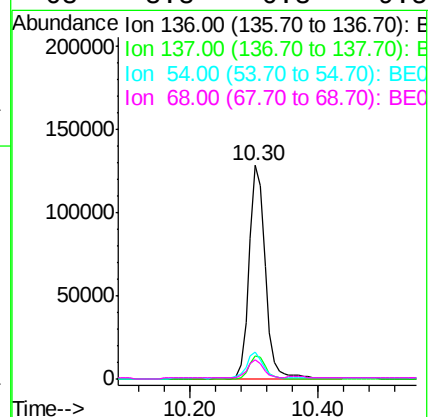
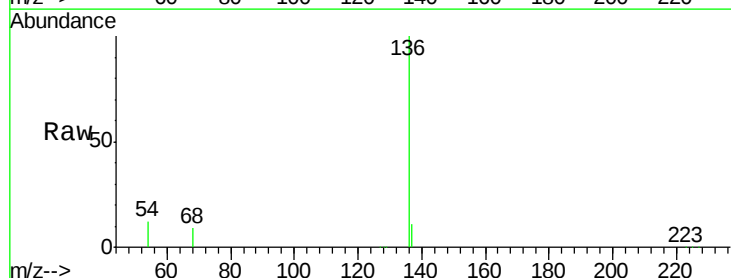
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 12.5 9.0 13.6

68 8.8 6.3 9.5





#7

Nitrobenzene-d5

Concen: 2.55 ng

RT: 8.69 min Scan# 1085

Delta R.T. -0.01 min

Lab File: BE090680.D

Acq: 1 Sep 2015 23:33

Instrument :

BNA_E

ClientSampleId :

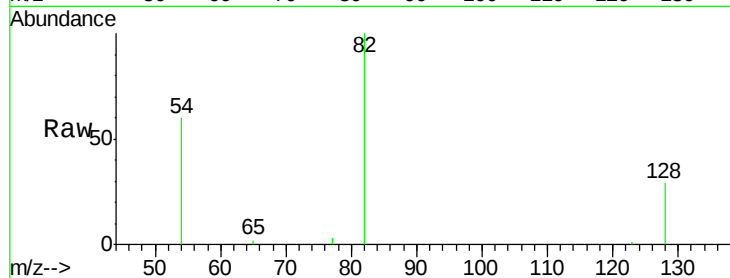
Tot Ion: 82 Resp: 37982

Ion Ratio Lower Upper

82 100

128 29.3 25.0 37.4

54 59.9 46.3 69.5



Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0

8.69

25000

20000

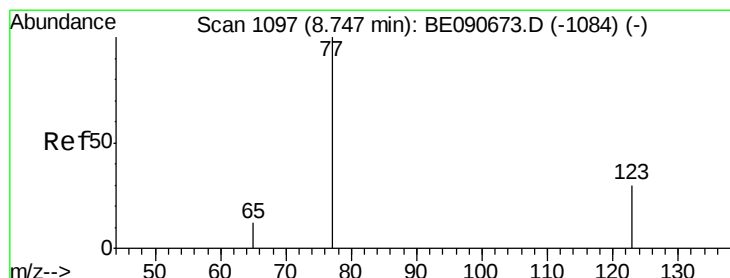
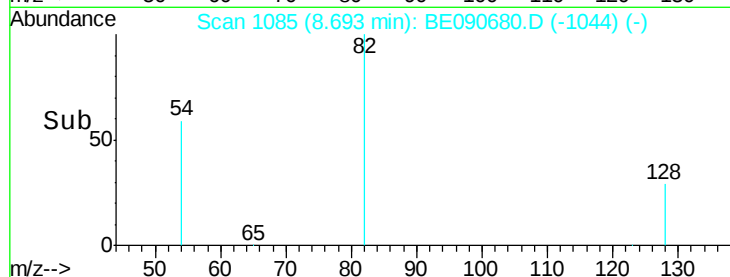
15000

10000

5000

0

Time--> 8.60 8.70 8.80



#8

Nitrobenzene

Concen: 0.13 ng

RT: 8.72 min Scan# 1090

Delta R.T. -0.03 min

Lab File: BE090680.D

Acq: 1 Sep 2015 23:33

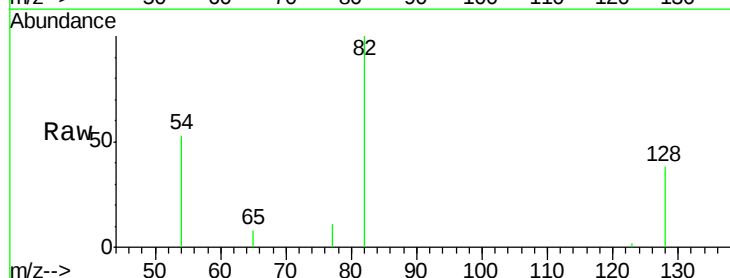
Tgt Ion: 77 Resp: 346

Ion Ratio Lower Upper

77 100

123 8.7 25.1 37.7#

65 139.6 9.9 14.9#



Abundance Ion 77.00 (76.70 to 77.70): BE0

Ion 123.00 (122.70 to 123.70): BE0

Ion 65.00 (64.70 to 65.70): BE0

8.72

800

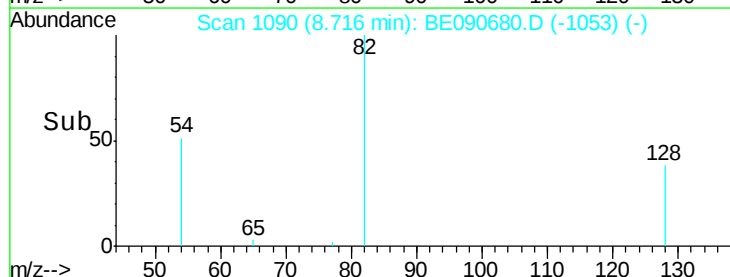
600

400

200

0

Time--> 8.70 8.75





#9

Naphthalene

Concen: 1.29 ng

RT: 10.35 min Scan# 1373

Delta R.T. -0.01 min

Lab File: BE090680.D

Acq: 1 Sep 2015 23:33

Instrument :

BNA_E

ClientSampleId :

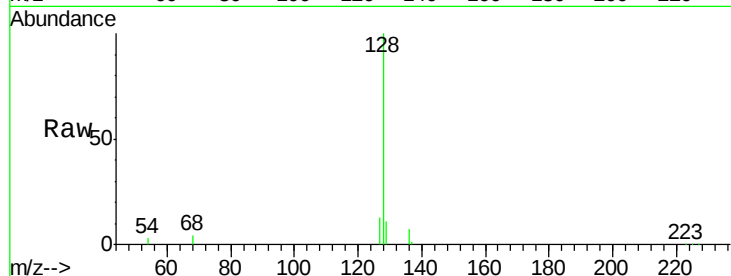
Tot Ion:128 Resp: 63191

Ion Ratio Lower Upper

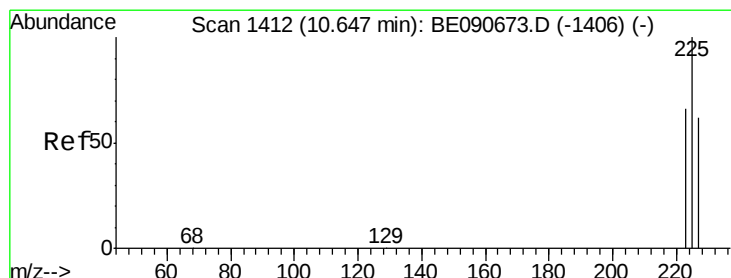
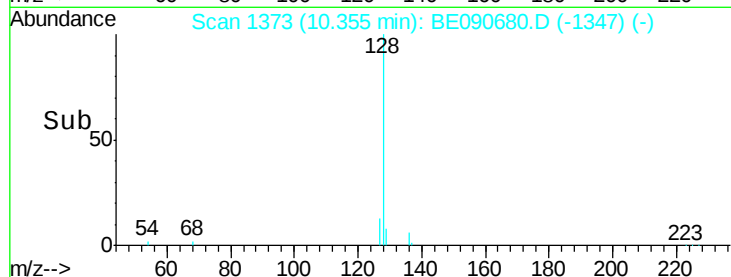
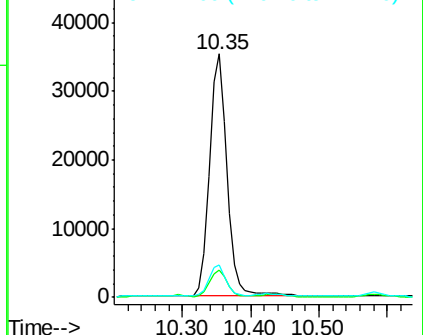
128 100

129 11.2 9.0 13.6

127 13.3 10.6 15.8



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.00 ng

RT: 10.65 min Scan# 1412

Delta R.T. 0.00 min

Lab File: BE090680.D

Acq: 1 Sep 2015 23:33

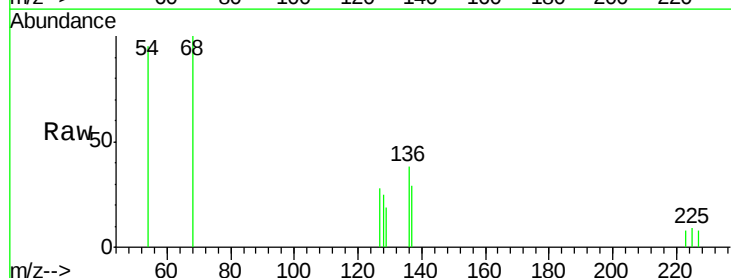
Tgt Ion:225 Resp: 19

Ion Ratio Lower Upper

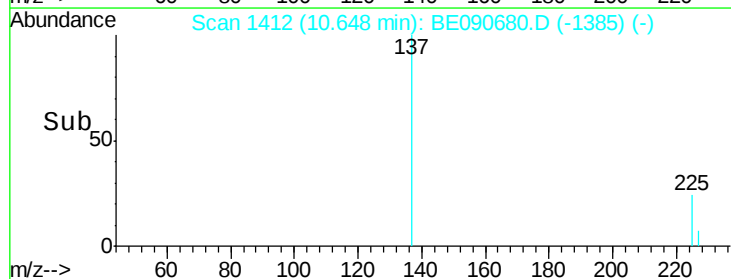
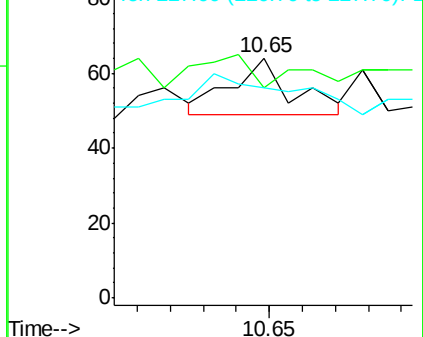
225 100

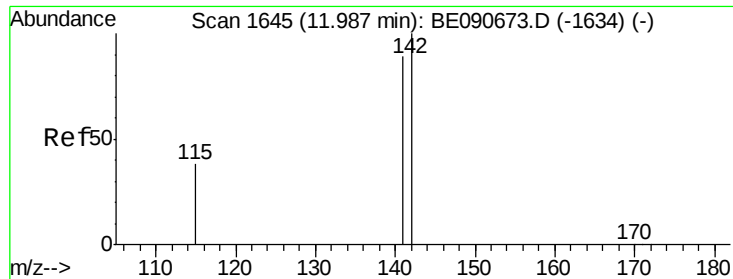
223 52.6 50.6 76.0

227 121.1 51.0 76.6#



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

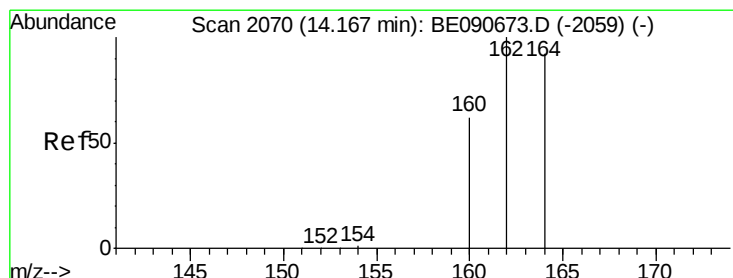
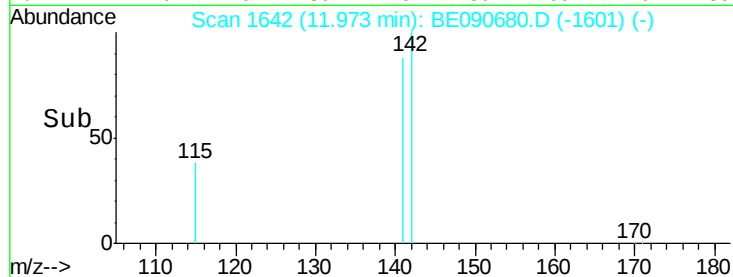
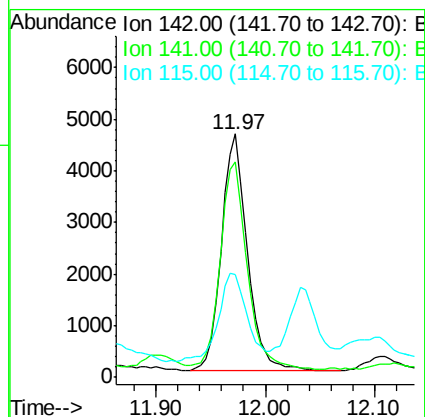
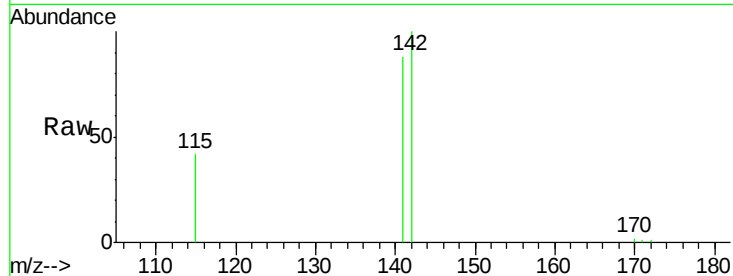




#11
2-Methylnaphthalene
Concen: 0.28 ng
RT: 11.97 min Scan# 1642
Delta R.T. -0.01 min
Lab File: BE090680.D
Acq: 1 Sep 2015 23:33

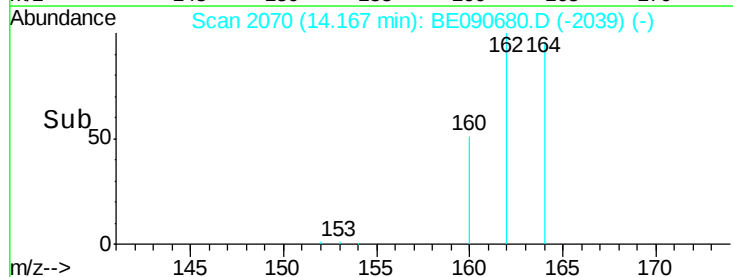
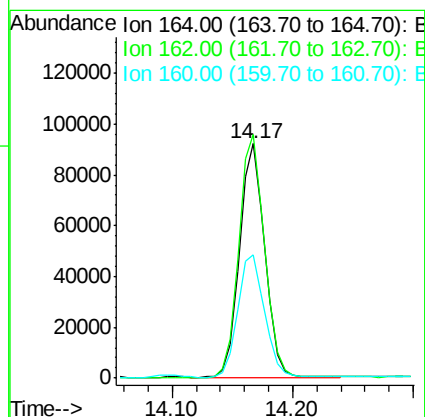
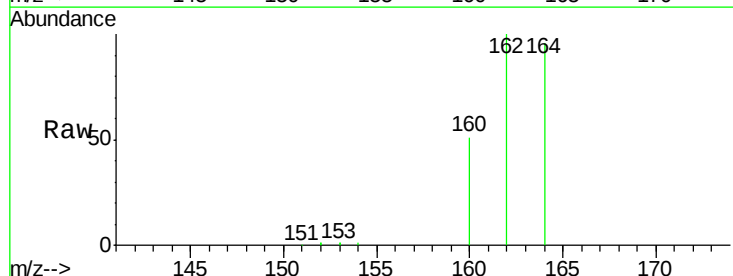
Instrument :
BNA_E
ClientSampleId :

Tot Ion:142 Resp: 7546
Ion Ratio Lower Upper
142 100
141 88.4 71.4 107.2
115 42.3 31.0 46.4



#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.17 min Scan# 2070
Delta R.T. 0.00 min
Lab File: BE090680.D
Acq: 1 Sep 2015 23:33

Tgt Ion:164 Resp: 132347
Ion Ratio Lower Upper
164 100
162 103.8 86.8 130.2
160 52.5 53.9 80.9#

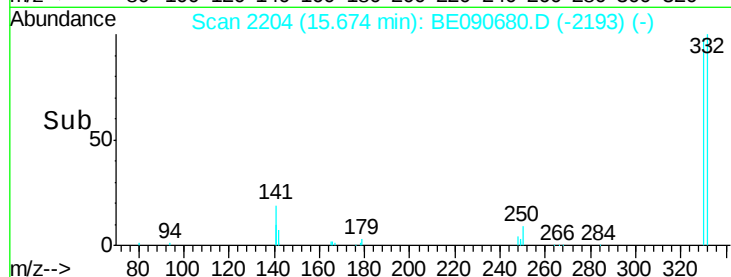
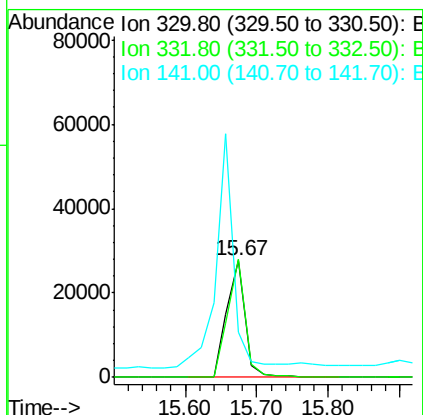
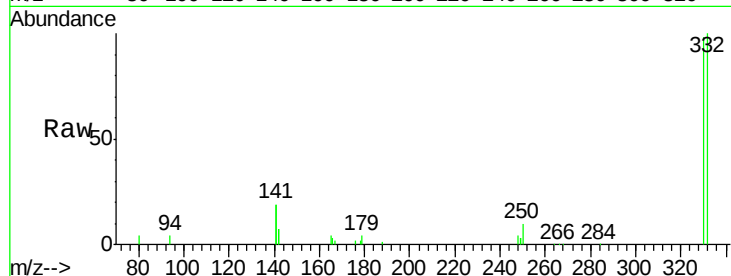




#13
 2,4,6-Tribromophenol
 Concen: 12.56 ng
 RT: 15.67 min Scan# 2204
 Delta R.T. -0.00 min
 Lab File: BE090680.D
 Acq: 1 Sep 2015 23:33

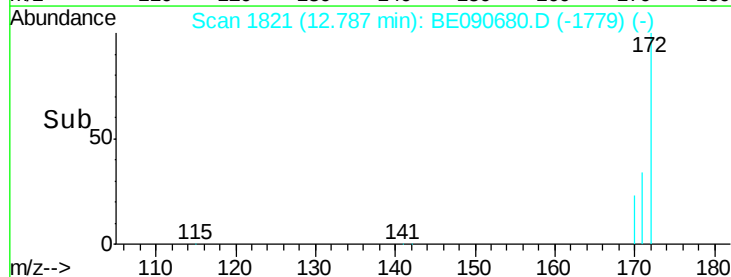
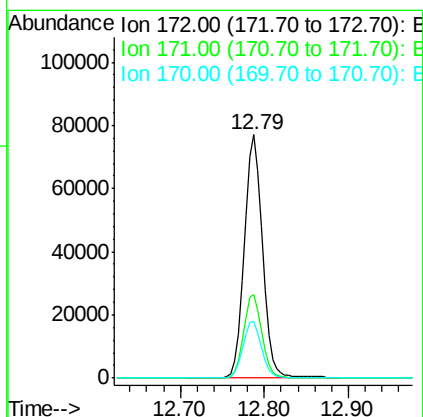
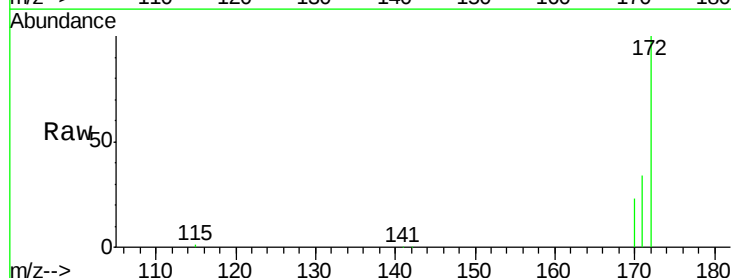
Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:330 Resp: 49154
 Ion Ratio Lower Upper
 330 100
 332 97.1 74.9 112.3
 141 193.9 145.2 217.8



#14
 2-Fluorobiphenyl
 Concen: 3.15 ng
 RT: 12.79 min Scan# 1821
 Delta R.T. -0.01 min
 Lab File: BE090680.D
 Acq: 1 Sep 2015 23:33

Tgt Ion:172 Resp: 115534
 Ion Ratio Lower Upper
 172 100
 171 34.2 27.8 41.8
 170 23.4 19.8 29.6





#15

Acenaphthylene

Concen: 0.03 ng

RT: 13.88 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BE090680.D

Acq: 1 Sep 2015 23:33

Instrument :

BNA_E

ClientSampleId :

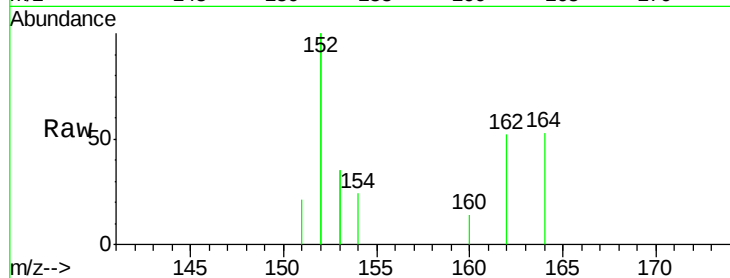
Tot Ion:152 Resp: 5309

Ion Ratio Lower Upper

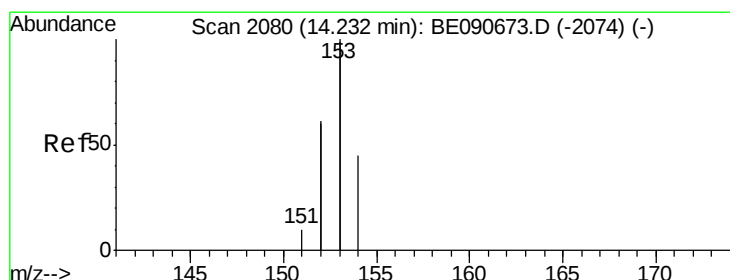
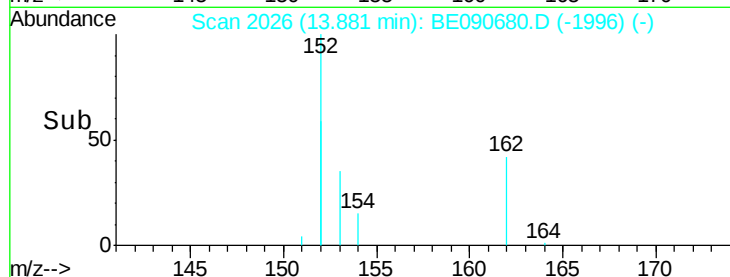
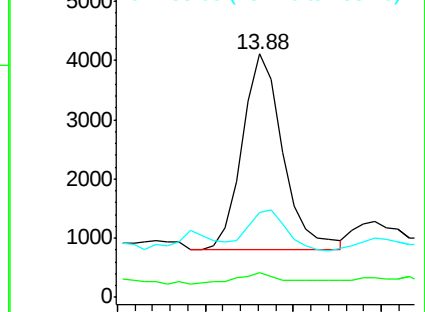
152 100

151 6.8 3.9 5.9#

153 20.2 10.3 15.5#



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#16

Acenaphthene

Concen: 0.70 ng

RT: 14.23 min Scan# 2079

Delta R.T. -0.01 min

Lab File: BE090680.D

Acq: 1 Sep 2015 23:33

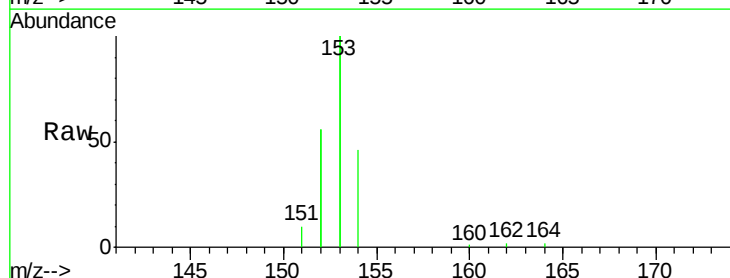
Tgt Ion:154 Resp: 24894

Ion Ratio Lower Upper

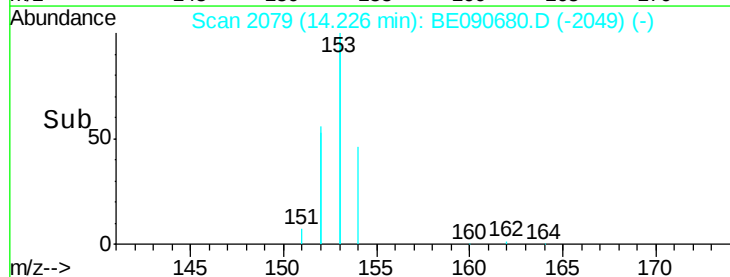
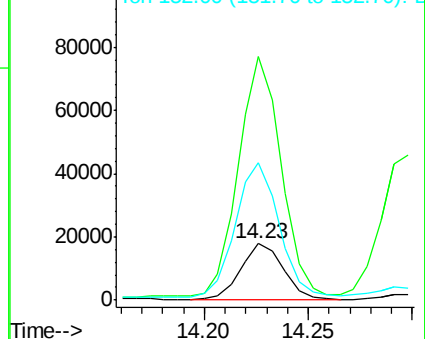
154 100

153 436.0 354.5 531.7

152 248.0 227.8 341.6



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





#17

Fluorene

Concen: 0.56 ng

RT: 15.22 min Scan# 2178

Delta R.T. -0.00 min

Lab File: BE090680.D

Acq: 1 Sep 2015 23:33

Instrument :

BNA_E

ClientSampleId :

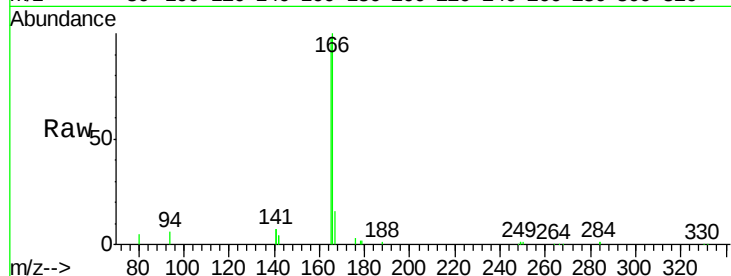
Tot Ion:166 Resp: 24490

Ion Ratio Lower Upper

166 100

165 99.5 82.7 124.1

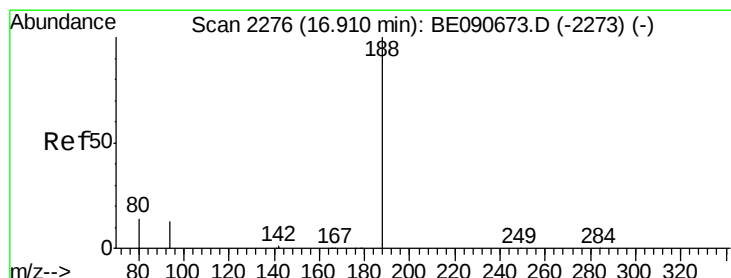
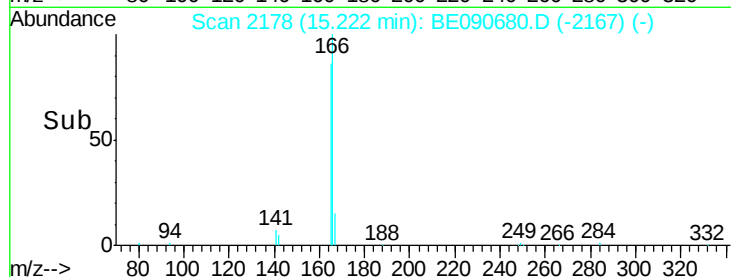
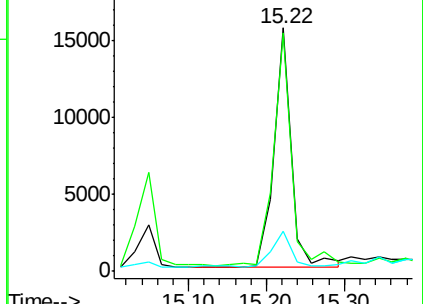
167 18.4 10.7 16.1#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.91 min Scan# 2275

Delta R.T. -0.00 min

Lab File: BE090680.D

Acq: 1 Sep 2015 23:33

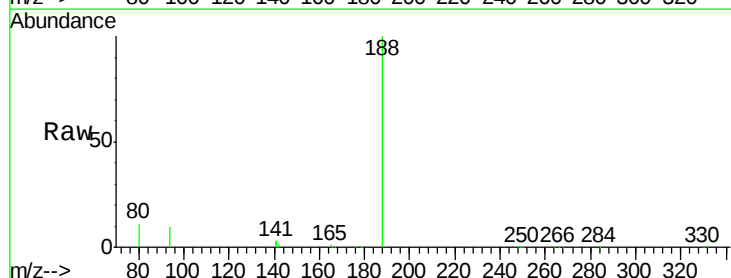
Tgt Ion:188 Resp: 327557

Ion Ratio Lower Upper

188 100

94 10.1 10.3 15.5#

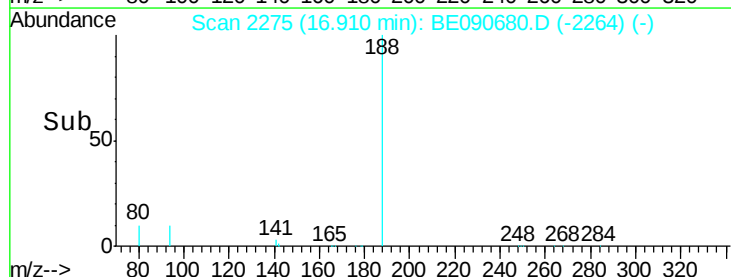
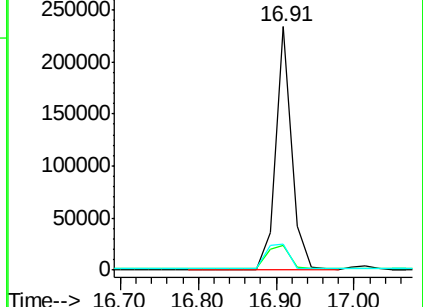
80 10.6 11.0 16.6#



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





#19

4-Bromophenyl-phenylether

Concen: 0.01 ng

RT: 16.11 min Scan# 2229

Delta R.T. -0.02 min

Lab File: BE090680.D

Acq: 1 Sep 2015 23:33

Instrument :

BNA_E

ClientSampleId :

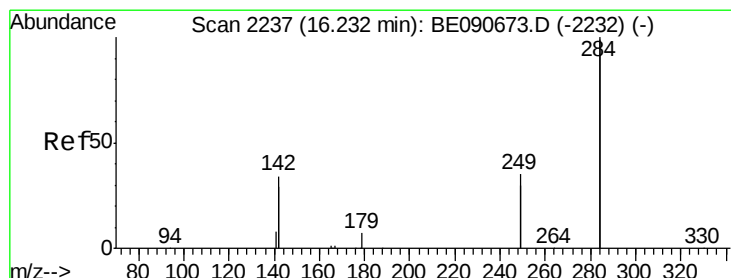
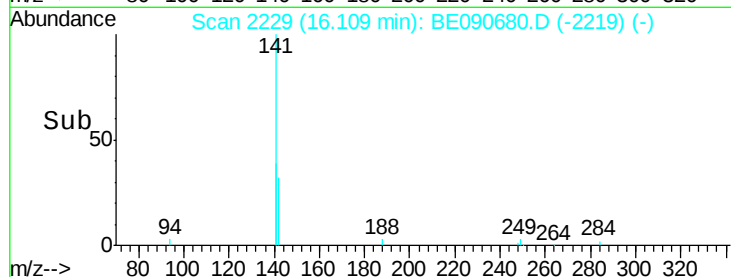
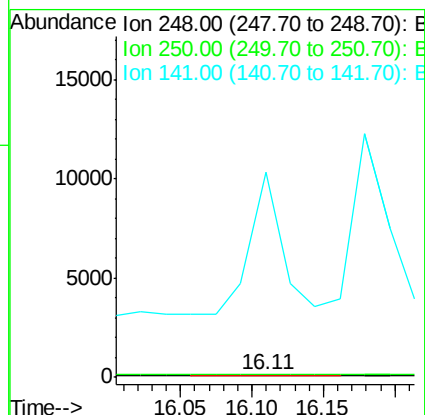
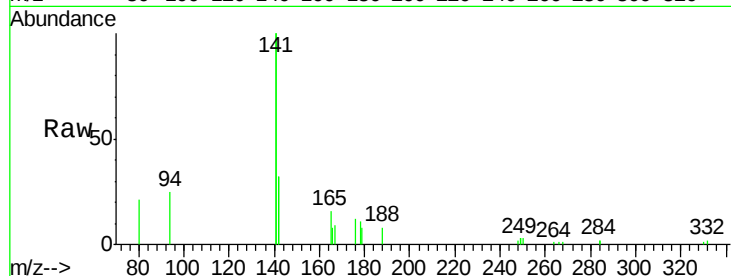
Tot Ion:248 Resp: 122

Ion Ratio Lower Upper

248 100

250 64.8 76.7 115.1#

141 9367.2 292.6 439.0#



#20

Hexachlorobenzene

Concen: Below Cal

RT: 16.23 min Scan# 2236

Delta R.T. 0.00 min

Lab File: BE090680.D

Acq: 1 Sep 2015 23:33

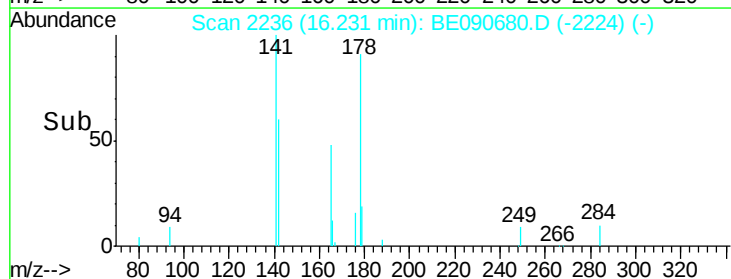
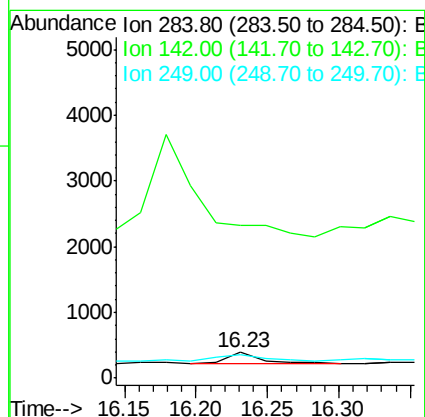
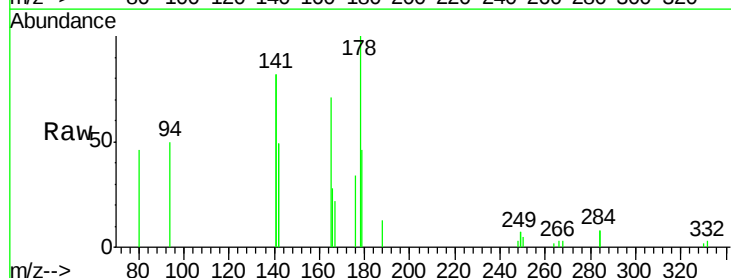
Tgt Ion:284 Resp: 324

Ion Ratio Lower Upper

284 100

142 0.0 35.0 52.4#

249 87.0 25.5 38.3#

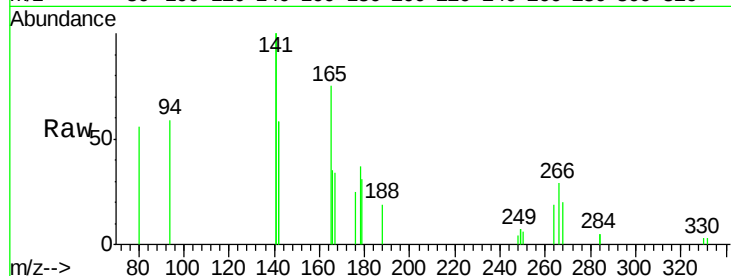




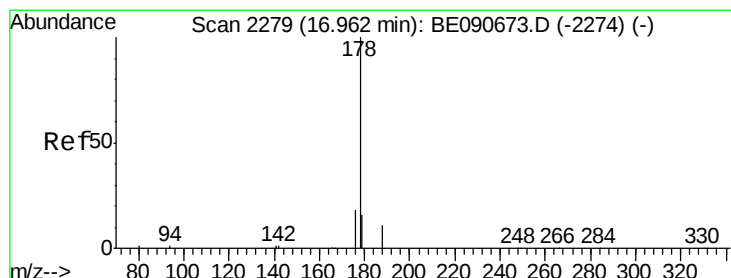
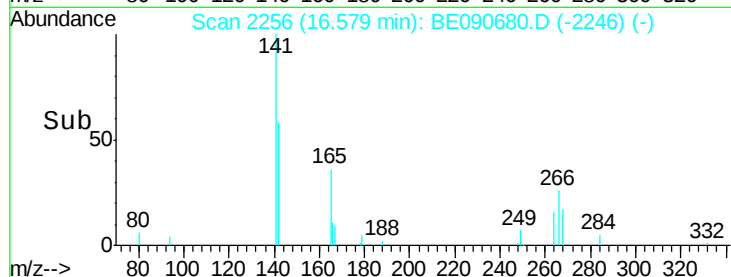
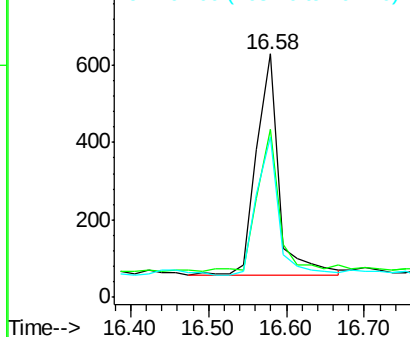
#21
 Pentachlorophenol
 Concen: 0.33 ng
 RT: 16.58 min Scan# 2256
 Delta R.T. -0.02 min
 Lab File: BE090680.D
 Acq: 1 Sep 2015 23:33

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
268	68.8	49.6	74.4
264	66.0	53.9	80.9

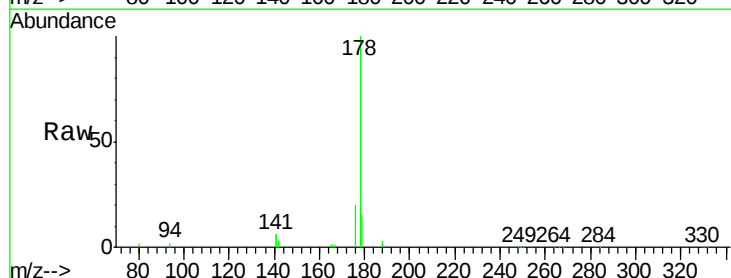


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

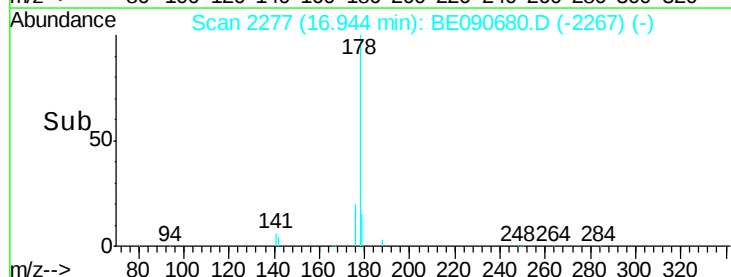
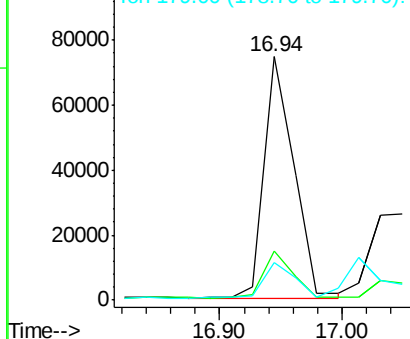


#22
 Phenanthrene
 Concen: 1.53 ng
 RT: 16.94 min Scan# 2277
 Delta R.T. -0.02 min
 Lab File: BE090680.D
 Acq: 1 Sep 2015 23:33

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.6	23.4
179	15.8	12.8	19.2



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





#23

Anthracene

Concen: 1.82 ng

RT: 16.94 min Scan# 2277

Delta R.T. -0.11 min

Lab File: BE090680.D

Acq: 1 Sep 2015 23:33

Instrument :

BNA_E

ClientSampleId :

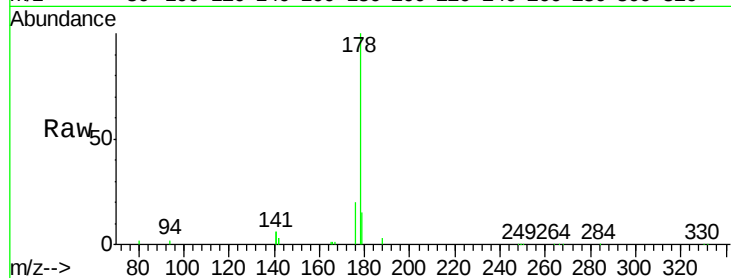
Tot Ion:178 Resp: 123357

Ion Ratio Lower Upper

178 100

176 19.0 15.0 22.6

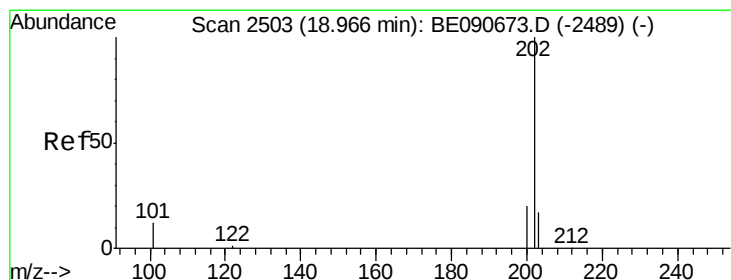
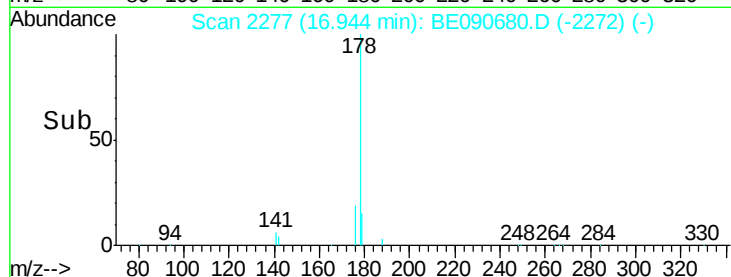
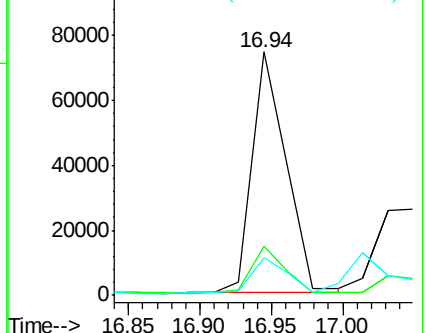
179 15.1 12.3 18.5



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Fluoranthene

Concen: 0.58 ng

RT: 18.96 min Scan# 2500

Delta R.T. -0.01 min

Lab File: BE090680.D

Acq: 1 Sep 2015 23:33

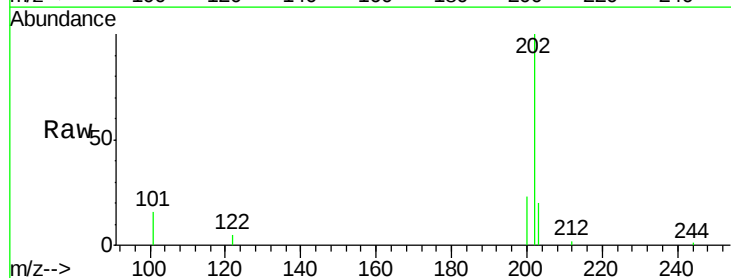
Tgt Ion:202 Resp: 49275

Ion Ratio Lower Upper

202 100

101 15.7 11.0 16.6

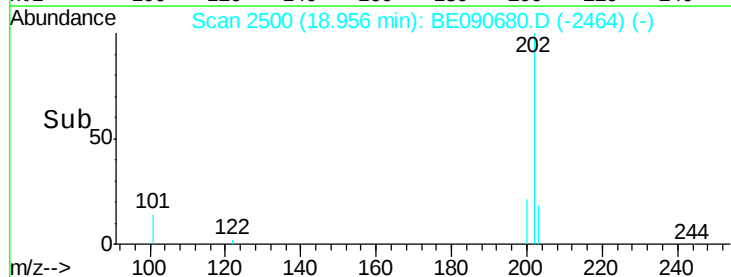
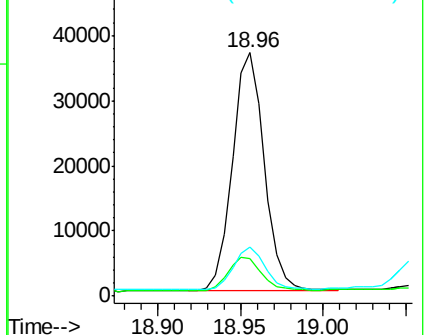
203 17.3 13.9 20.9



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





#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.07 min Scan# 2860

Delta R.T. -0.00 min

Lab File: BE090680.D

Acq: 1 Sep 2015 23:33

Instrument :

BNA_E

ClientSampleId :

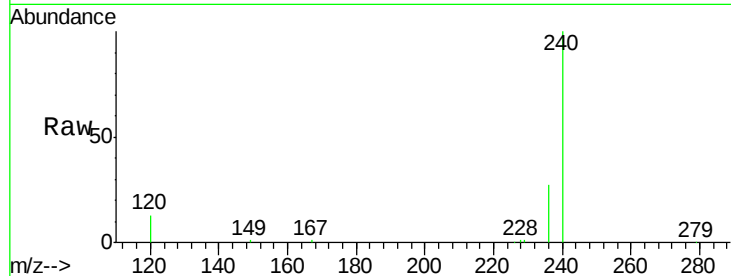
Tot Ion:240 Resp: 412543

Ion Ratio Lower Upper

240 100

120 12.5 10.1 15.1

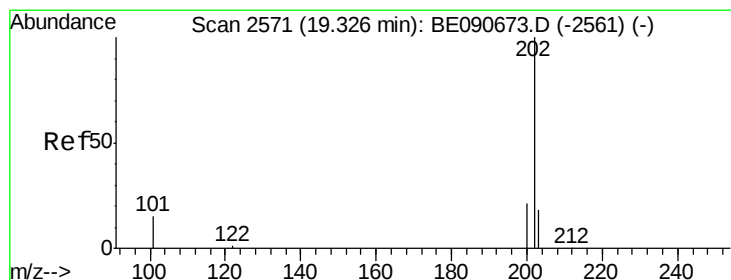
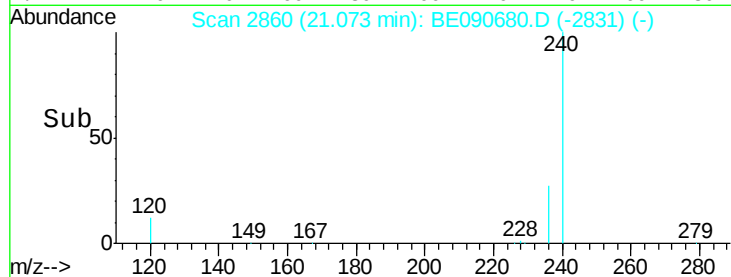
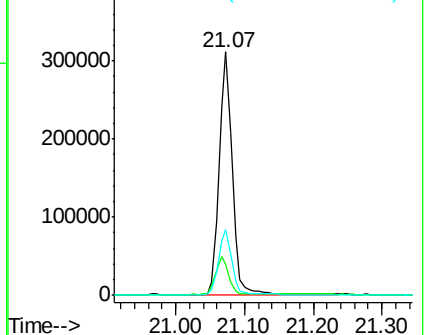
236 27.0 21.9 32.9



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



#26

Pyrene

Concen: 0.75 ng

RT: 19.32 min Scan# 2568

Delta R.T. -0.01 min

Lab File: BE090680.D

Acq: 1 Sep 2015 23:33

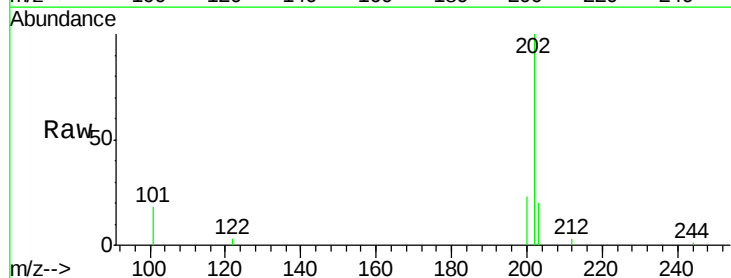
Tgt Ion:202 Resp: 63971

Ion Ratio Lower Upper

202 100

200 21.7 16.7 25.1

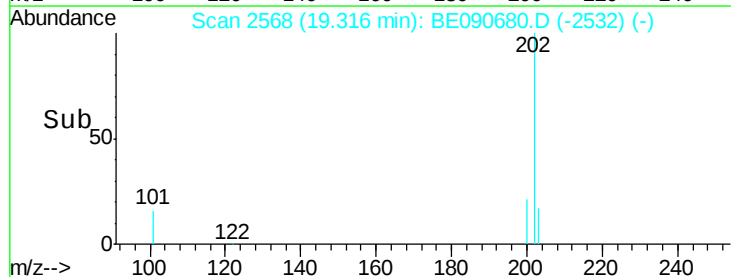
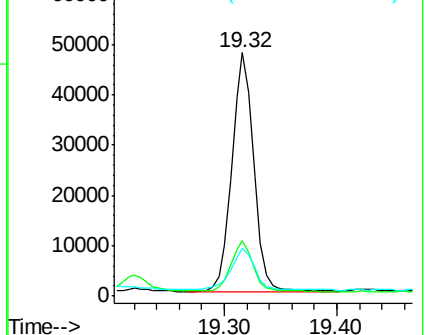
203 18.7 13.8 20.6



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

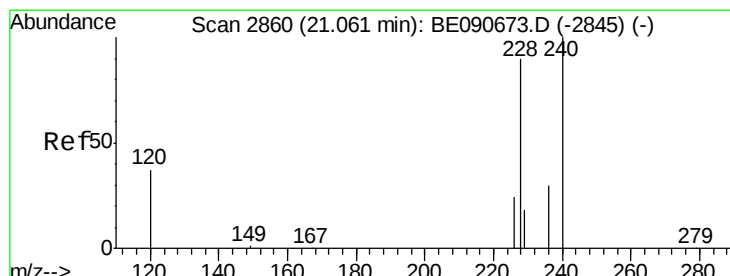
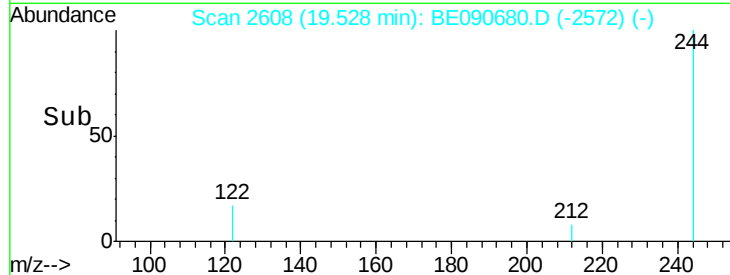
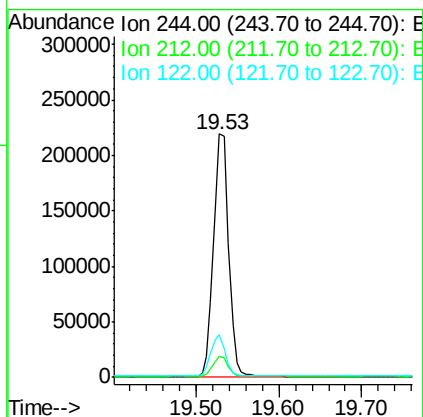
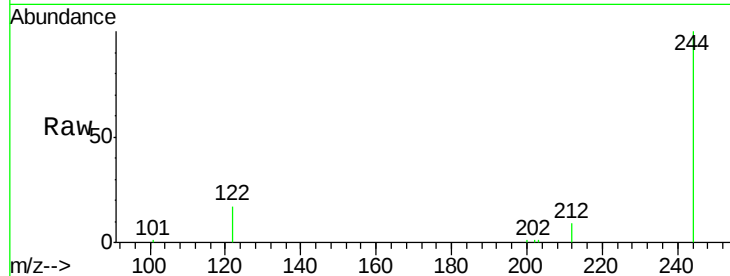




#27
 Terphenyl-d14
 Concen: 6.10 ng
 RT: 19.53 min Scan# 2608
 Delta R.T. -0.01 min
 Lab File: BE090680.D
 Acq: 1 Sep 2015 23:33

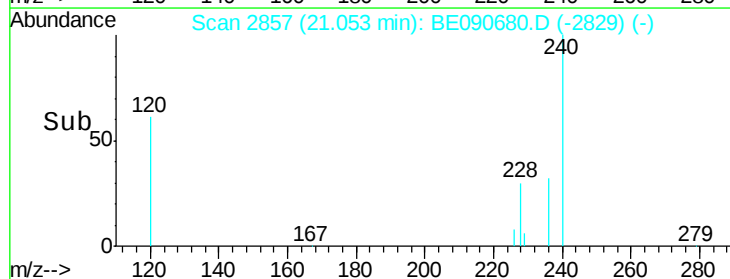
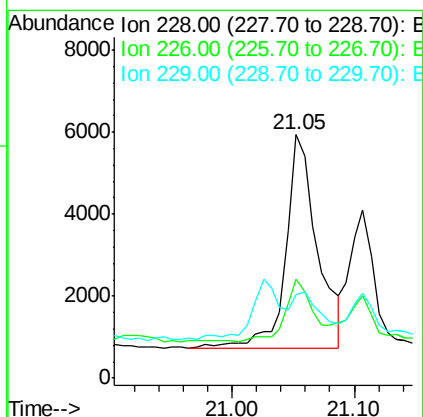
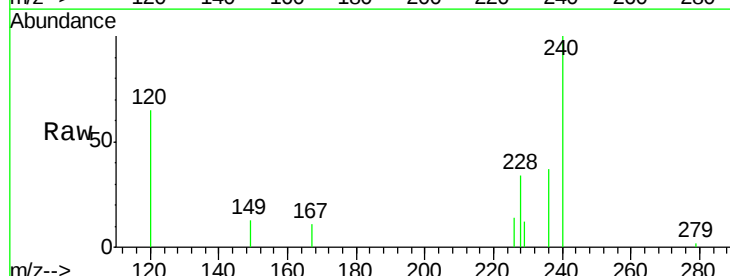
Instrument :
 BNA_E
 ClientSampled :

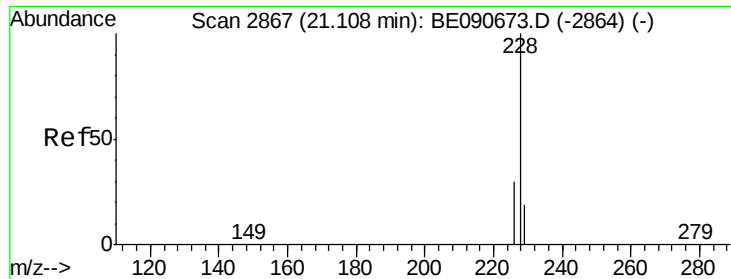
Tot Ion:244 Resp: 278629
 Ion Ratio Lower Upper
 244 100
 212 8.6 6.9 10.3
 122 17.4 12.9 19.3



#28
 Benzo(a)anthracene
 Concen: 0.09 ng
 RT: 21.05 min Scan# 2857
 Delta R.T. -0.01 min
 Lab File: BE090680.D
 Acq: 1 Sep 2015 23:33

Tgt Ion:228 Resp: 9363
 Ion Ratio Lower Upper
 228 100
 226 40.5 21.6 32.4#
 229 34.3 15.9 23.9#





#29

Chrysene

Concen: Below Cal

RT: 21.11 min Scan# 2865

Delta R.T. 0.00 min

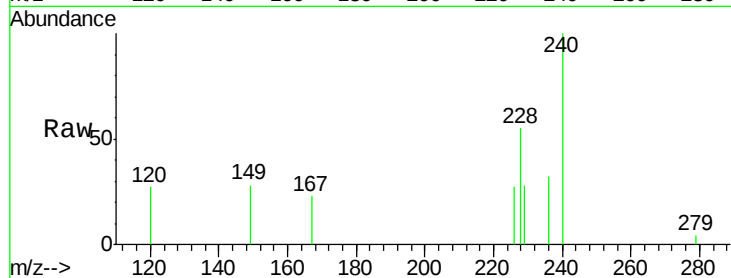
Lab File: BE090680.D

Acq: 1 Sep 2015 23:33

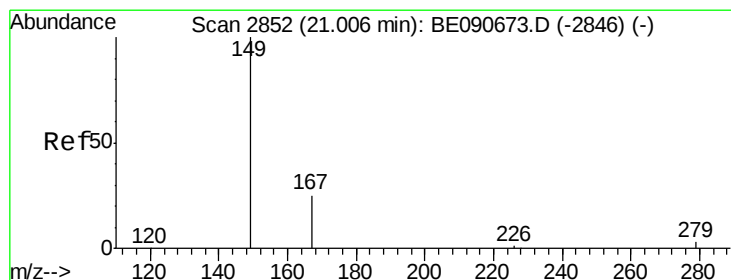
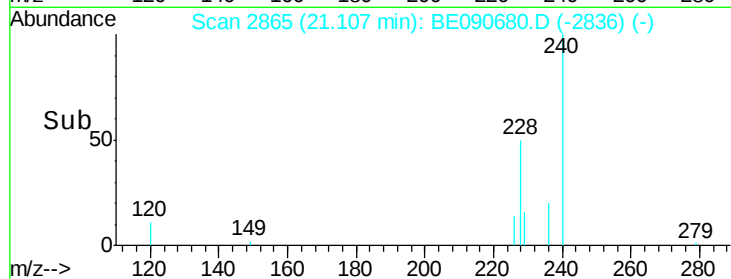
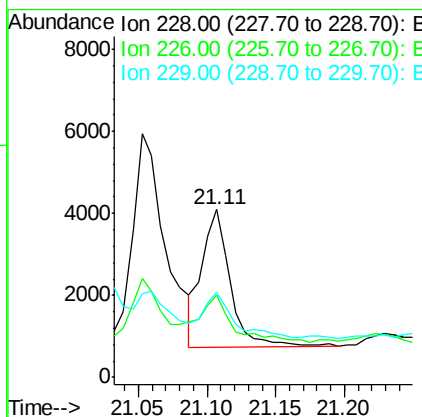
Instrument :

BNA_E

ClientSampled :



Tot Ion:228	Resp:	4860
Ion	Ratio	Lower Upper
228	100	
226	49.2	24.2 36.4#
229	50.4	15.3 22.9#



#30

Bis(2-ethylhexyl)phthalate

Concen: 0.60 ng

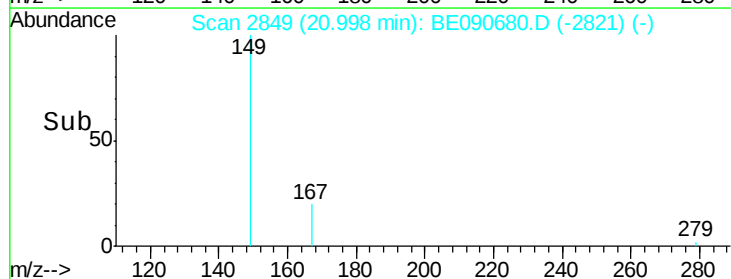
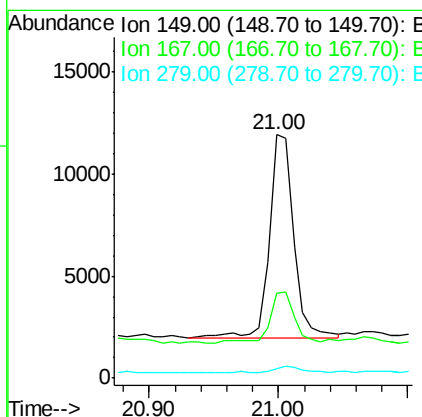
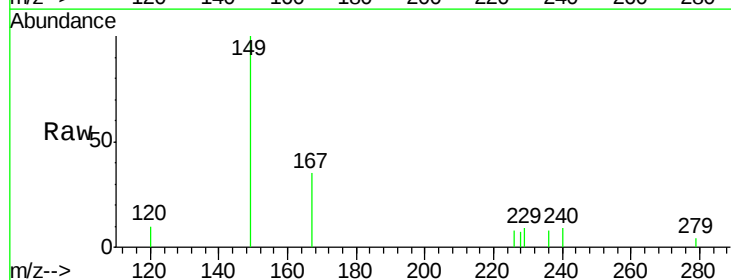
RT: 21.00 min Scan# 2849

Delta R.T. -0.01 min

Lab File: BE090680.D

Acq: 1 Sep 2015 23:33

Tgt Ion:149	Resp:	13063
Ion	Ratio	Lower Upper
149	100	
167	25.9	20.1 30.1
279	3.8	2.3 3.5#

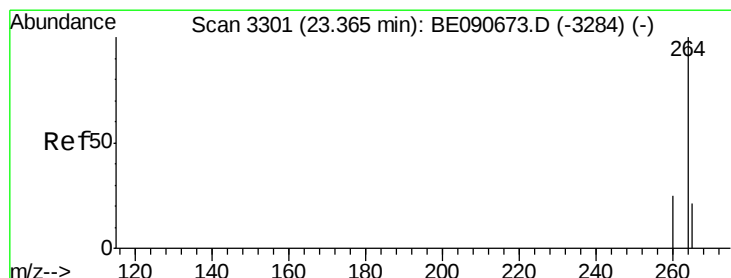
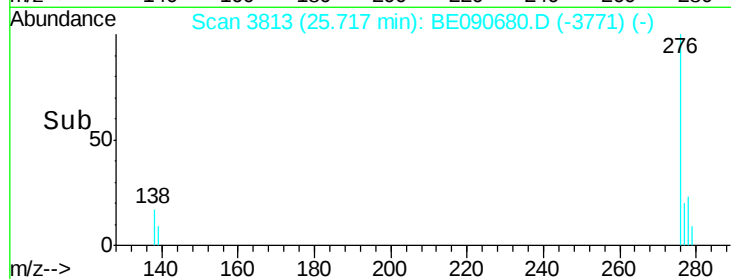
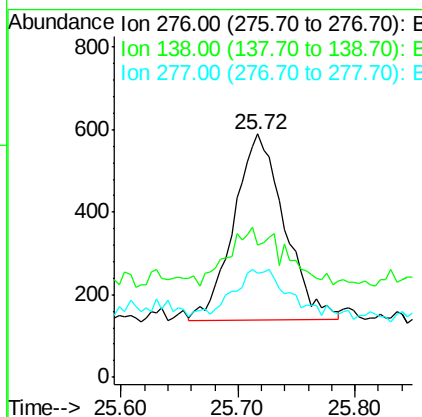
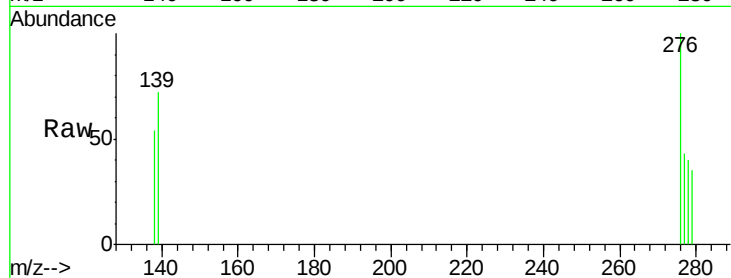




#31
 Indeno(1,2,3-cd)pyrene
 Concen: 0.01 ng
 RT: 25.72 min Scan# 3813
 Delta R.T. -0.01 min
 Lab File: BE090680.D
 Acq: 1 Sep 2015 23:33

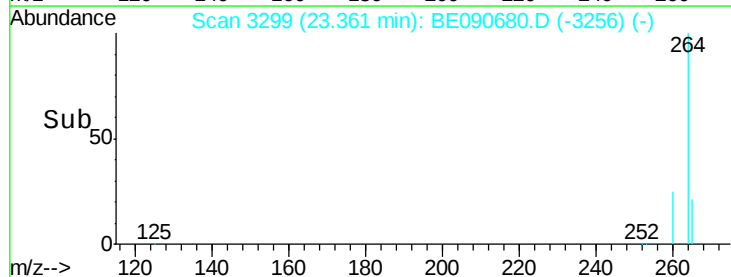
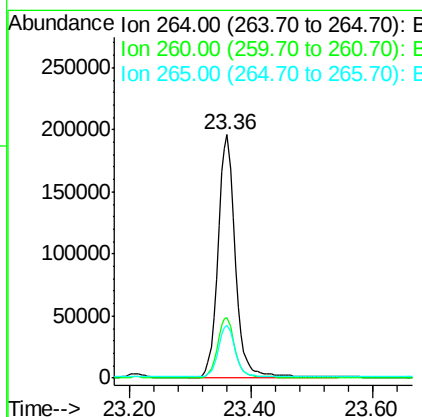
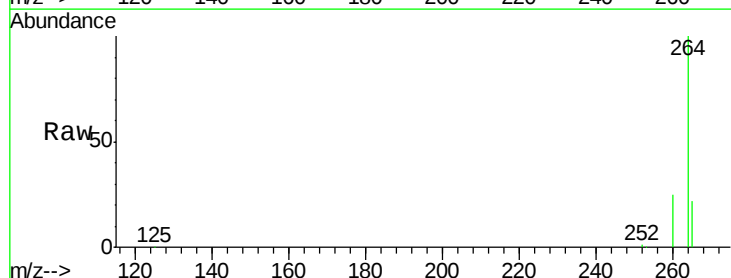
Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:276 Resp: 1364
 Ion Ratio Lower Upper
 276 100
 138 20.2 23.3 34.9#
 277 24.2 19.8 29.6



#32
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.36 min Scan# 3299
 Delta R.T. -0.00 min
 Lab File: BE090680.D
 Acq: 1 Sep 2015 23:33

Tgt Ion:264 Resp: 389737
 Ion Ratio Lower Upper
 264 100
 260 24.9 19.7 29.5
 265 21.8 17.5 26.3





#33

Benzo(b)fluoranthene

Concen: 0.03 ng

RT: 22.67 min Scan# 3147

Delta R.T. 0.00 min

Lab File: BE090680.D

Acq: 1 Sep 2015 23:33

Instrument :

BNA_E

ClientSampleId :

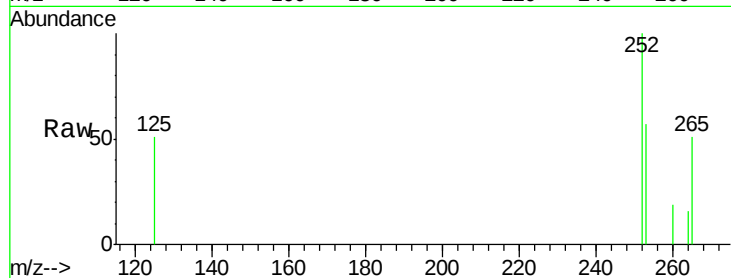
Tot Ion:252 Resp: 2877

Ion Ratio Lower Upper

252 100

253 56.6 17.9 26.9#

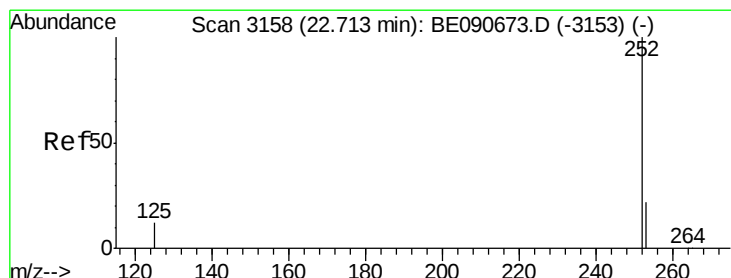
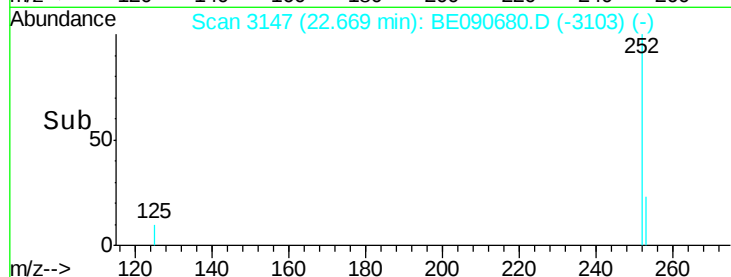
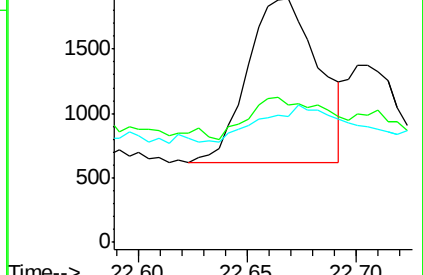
125 51.4 10.6 16.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#34

Benzo(k)fluoranthene

Concen: 0.03 ng

RT: 22.67 min Scan# 3147

Delta R.T. -0.04 min

Lab File: BE090680.D

Acq: 1 Sep 2015 23:33

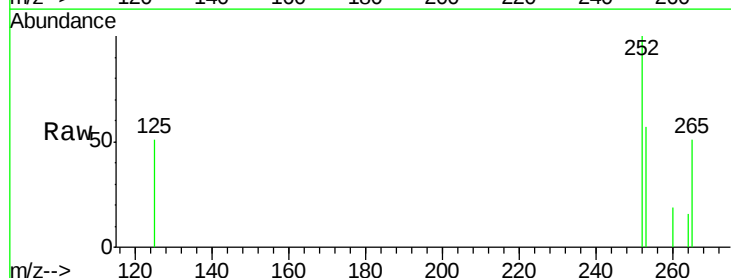
Tgt Ion:252 Resp: 2877

Ion Ratio Lower Upper

252 100

253 56.6 17.9 26.9#

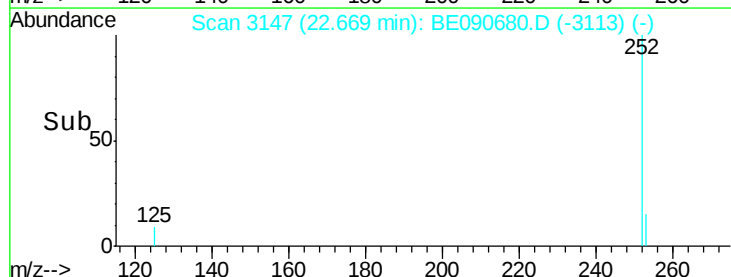
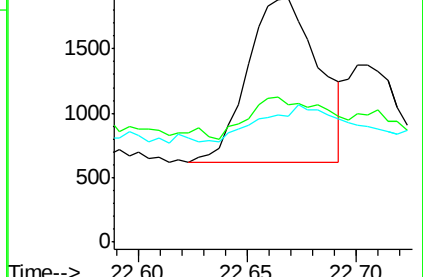
125 51.4 10.1 15.1#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#35

Benzo(a)pyrene

Concen: 0.02 ng

RT: 23.25 min Scan# 3275

Delta R.T. -0.01 min

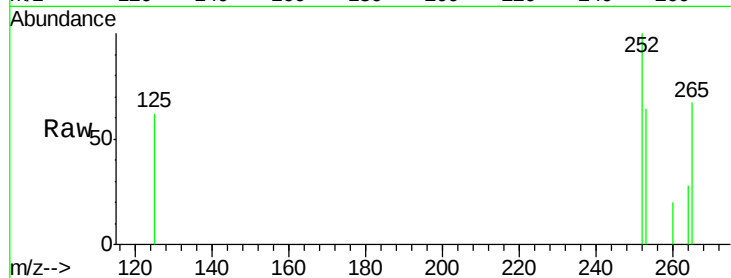
Lab File: BE090680.D

Acq: 1 Sep 2015 23:33

Instrument :

BNA_E

ClientSampleId :



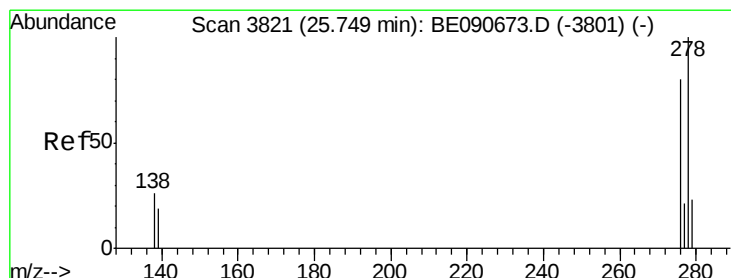
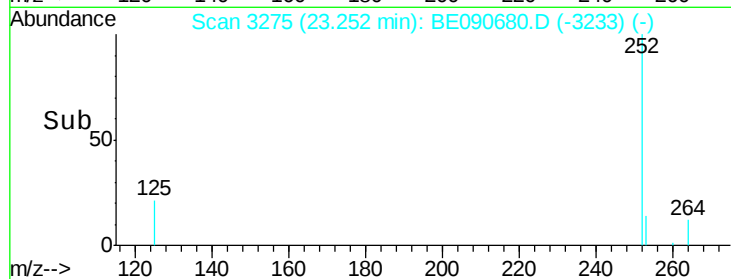
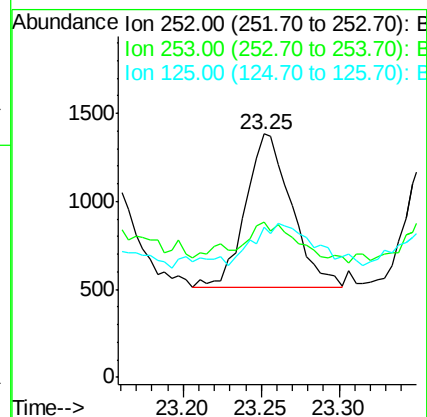
Tot Ion:252 Resp: 1789

Ion Ratio Lower Upper

252 100

253 63.7 17.5 26.3#

125 61.8 11.6 17.4#



#36

Dibenzo(a,h)anthracene

Concen: 0.15 ng

RT: 25.74 min Scan# 3819

Delta R.T. -0.00 min

Lab File: BE090680.D

Acq: 1 Sep 2015 23:33

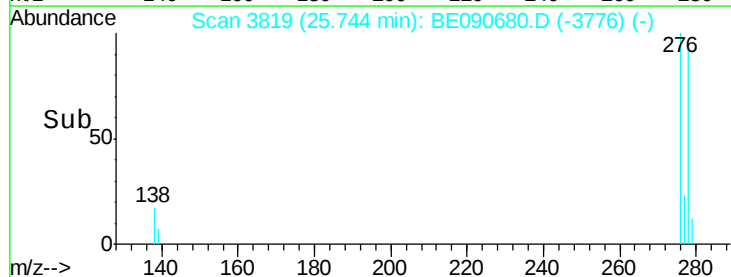
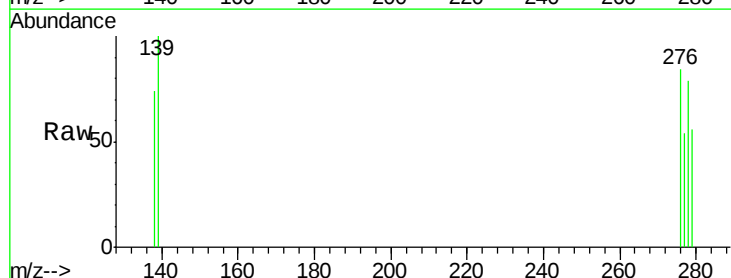
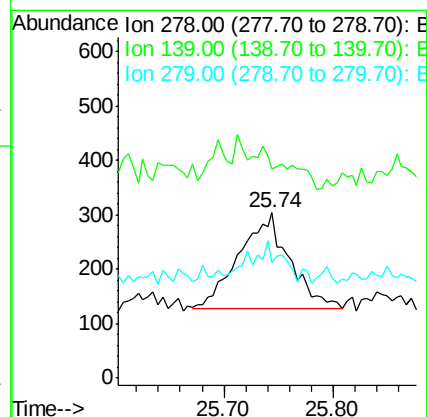
Tgt Ion:278 Resp: 566

Ion Ratio Lower Upper

278 100

139 126.0 15.4 23.0#

279 70.1 18.8 28.2#





#37

Benzo(a,h,i)perylene

Concen: 0.01 ng

RT: 26.44 min Scan# 3972

Delta R.T. -0.01 min

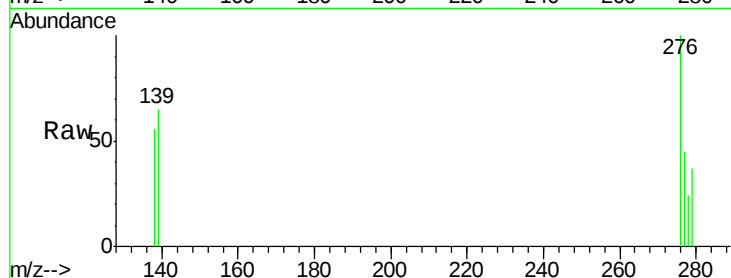
Lab File: BE090680.D

Acq: 1 Sep 2015 23:33

Instrument :

BNA_E

ClientSampleId :



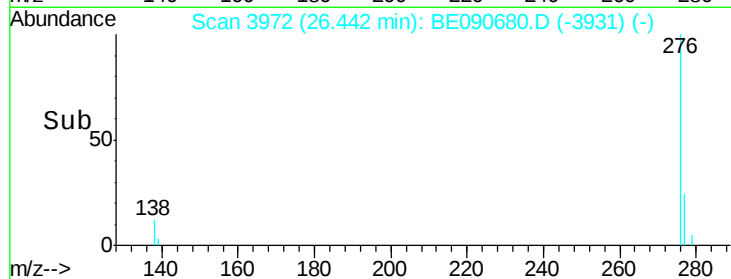
Tot Ion: 276 Resp: 1296

Ion Ratio Lower Upper

276 100

277 44.7 18.5 27.7#

138 56.3 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

