

Data Path : Z:\HPCHEM1\BNA E\DATA\BE102315\
 Data File : BE091041.D
 Acq On : 23 Oct 2015 19:45
 Operator : UM/NP
 Sample : G4143-08
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 23 23:46:33 2015
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 07 17:11:43 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.91	152	20127	5.00	ng	-0.05
7) Naphthalene-d8	9.58	136	104914	5.00	ng	-0.06
13) Acenaphthene-d10	13.41	164	64375	5.00	ng	-0.05
19) Phenanthrene-d10	16.13	188	138158	5.00	ng	-0.05
26) Chrysene-d12	20.29	240	160635	5.00	ng	-0.04
35) Perylene-d12	22.19	264	158386	5.00	ng	-0.05

System Monitoring Compounds						
4) 2-Fluorophenol	4.92	112	18140	4.48	ng	-0.08
5) Phenol-d6	6.55	99	14303	2.78	ng	-0.08
8) Nitrobenzene-d5	8.17	82	43779	6.28	ng	-0.07
14) 2,4,6-Tribromophenol	14.94	330	20551	9.19	ng	-0.04
15) 2-Fluorobiphenyl	12.03	172	79564	4.56	ng	-0.06
29) Terphenyl-d14	18.69	244	112249	5.66	ng	-0.05

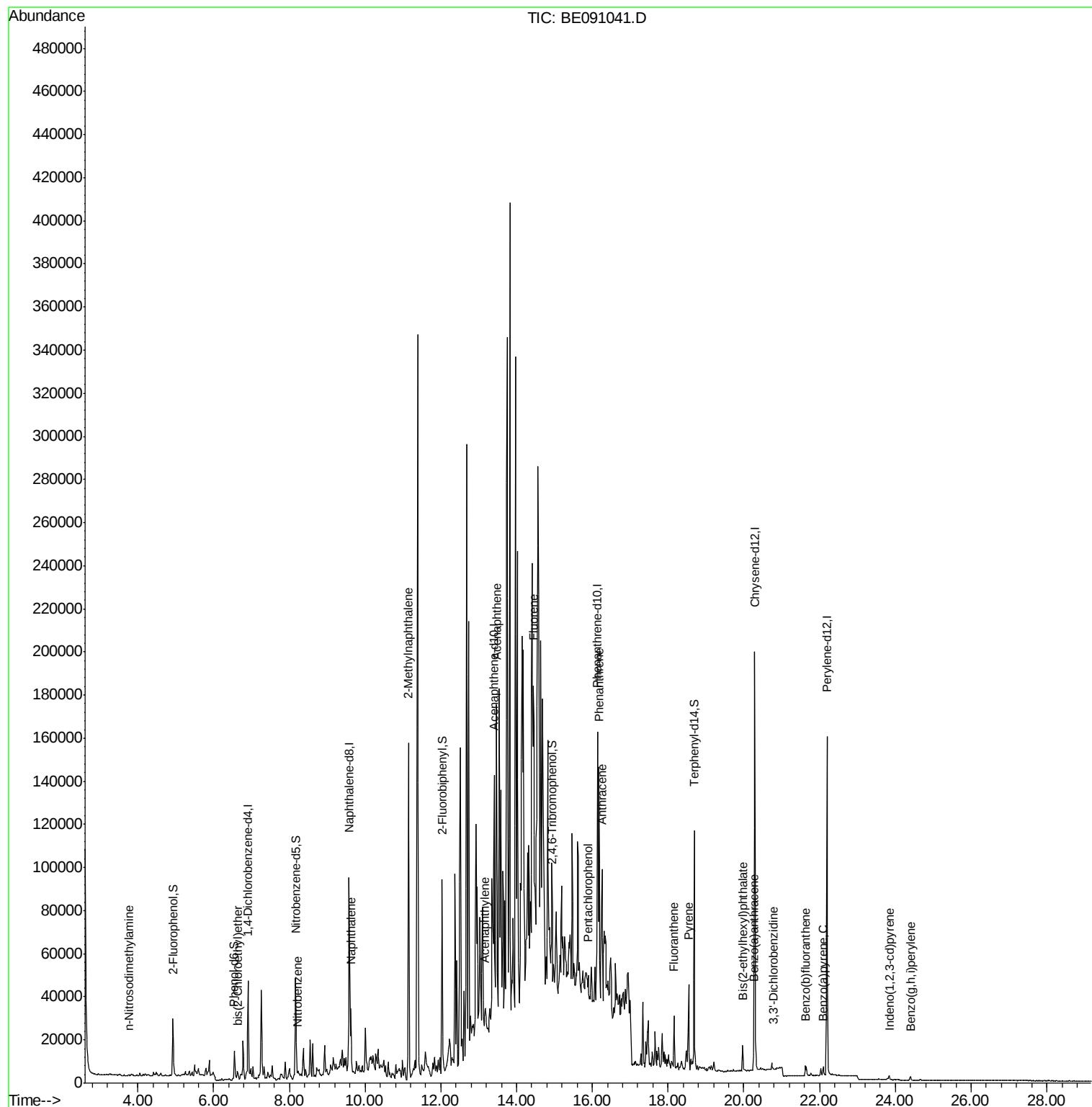
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.18	88	25	Below Cal	#	1
3) n-Nitrosodimethylamine	3.76	42	385	0.08	ng	# 1
6) bis(2-Chloroethyl)ether	6.64	93	142	0.07	ng	# 1
9) Nitrobenzene	8.23	77	2528	0.59	ng	# 44
10) Naphthalene	9.62	128	39303	1.90	ng	# 92
11) Hexachlorobutadiene	9.86	225	5	Below Cal	#	1
12) 2-Methylnaphthalene	11.15	142	105629	7.93	ng	# 97
16) Acenaphthylene	13.17	152	10487	0.10	ng	# 1
17) Acenaphthene	13.47	154	22980	1.34	ng	# 33
18) Fluorene	14.46	166	64275	3.03	ng	# 65
21) Hexachlorobenzene	15.40	284	12	Below Cal	#	1
22) Pentachlorophenol	15.88	266	240	0.16	ng	# 37
23) Phenanthrene	16.17	178	107209	3.39	ng	# 73
24) Anthracene	16.25	178	38530	1.29	ng	# 1
25) Fluoranthene	18.16	202	20896	0.55	ng	# 92
27) Benzidine	18.51	184	209	Below Cal	#	1
28) Pyrene	18.54	202	32057	0.86	ng	# 80
30) Benzo(a)anthracene	20.26	228	6676	0.19	ng	# 83
31) 3,3'-Dichlorobenzidine	20.78	252	54	0.03	ng	# 19
32) Chrysene	20.32	228	5814	Below Cal	#	78
33) Bis(2-ethylhexyl)phthalate	19.97	149	11893	1.01	ng	# 99
34) Indeno(1,2,3-cd)pyrene	23.84	276	2726	0.18	ng	# 93
36) Benzo(b)fluoranthene	21.63	252	4351	0.12	ng	# 52
38) Benzo(a)pyrene	22.09	252	4719	0.15	ng	# 54
40) Benzo(g,h,i)perylene	24.40	276	2645	0.08	ng	# 62

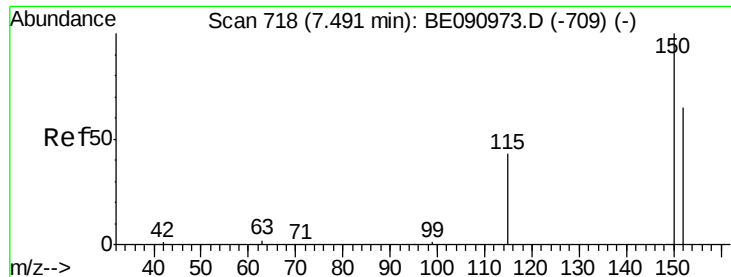
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA E\DATA\BE102315\
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ALS Vial : 8 Sample Multiplier: 1

Instrument :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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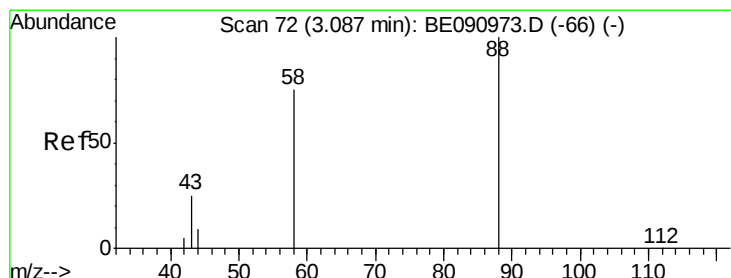
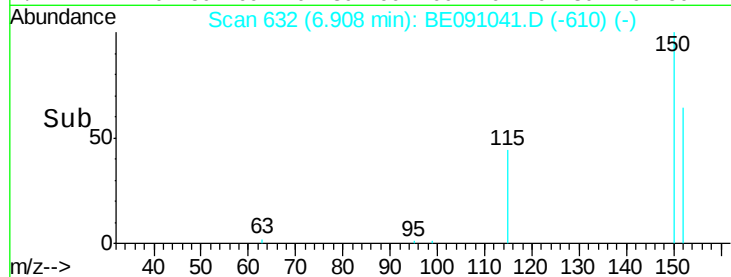
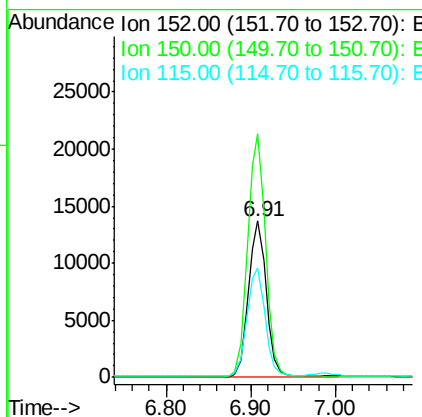
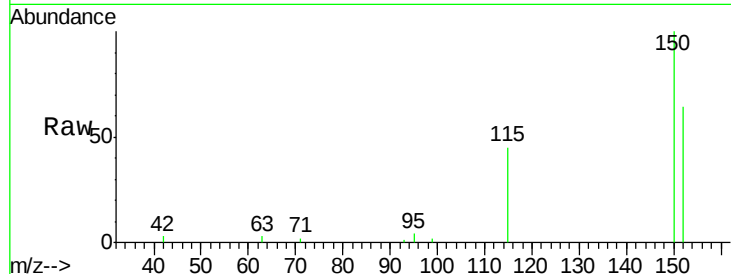




#1
 1,4-Dichlorobenzene-d4
 Concen: 5.00 ng
 RT: 6.91 min Scan# 632
 Delta R.T. -0.05 min
 Lab File: BE091041.D
 Acq: 23 Oct 2015 19:45

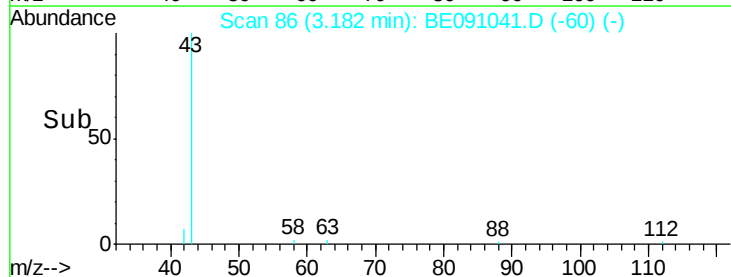
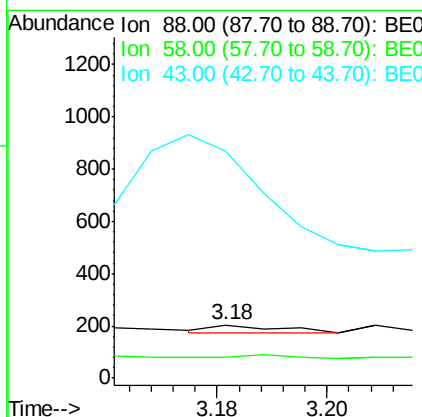
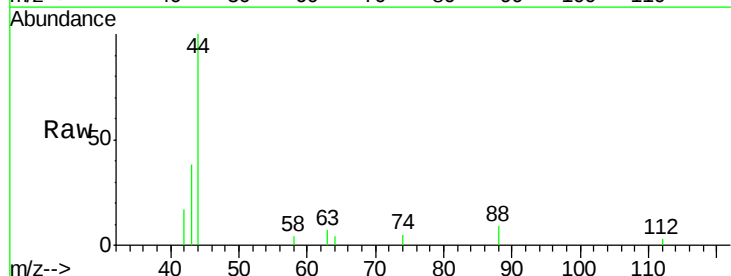
Instrument :
 BNA_E
 ClientSampled :

Tot Ion:152 Resp: 20127
 Ion Ratio Lower Upper
 152 100
 150 155.9 122.6 183.8
 115 69.7 52.8 79.2



#2
 1,4-Dioxane
 Concen: Below Cal
 RT: 3.18 min Scan# 86
 Delta R.T. -0.02 min
 Lab File: BE091041.D
 Acq: 23 Oct 2015 19:45

Tgt Ion: 88 Resp: 25
 Ion Ratio Lower Upper
 88 100
 58 36.0 65.8 98.6#
 43 4108.0 25.3 37.9#



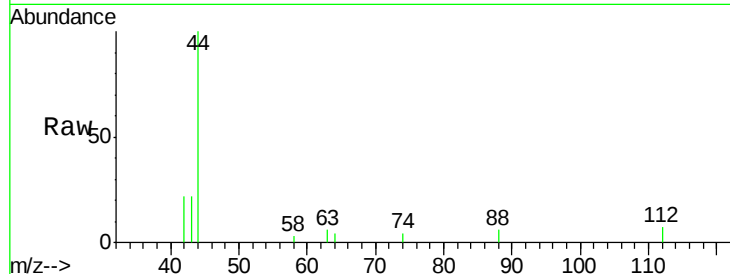


#3

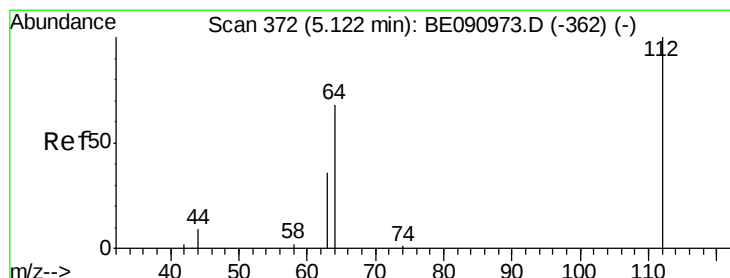
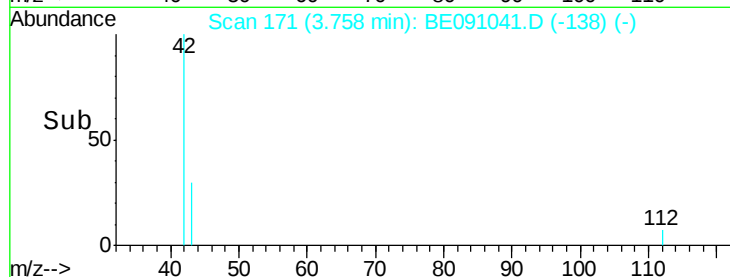
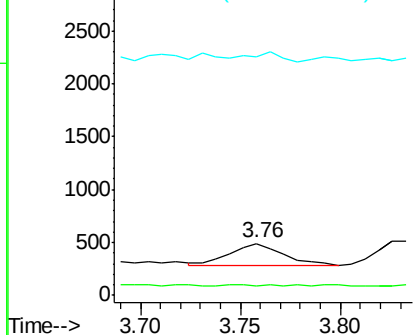
n-Nitrosodimethylamine
 Concen: 0.08 ng
 RT: 3.76 min Scan# 171
 Delta R.T. 0.03 min
 Lab File: BE091041.D
 Acq: 23 Oct 2015 19:45

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion: 42 Resp: 385
 Ion Ratio Lower Upper
 42 100
 74 2.3 87.9 131.9#
 44 27.3 6.6 9.8#



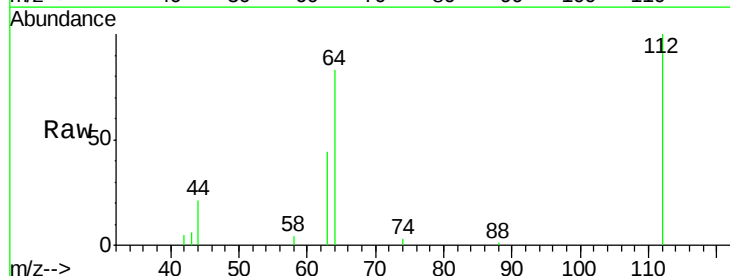
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



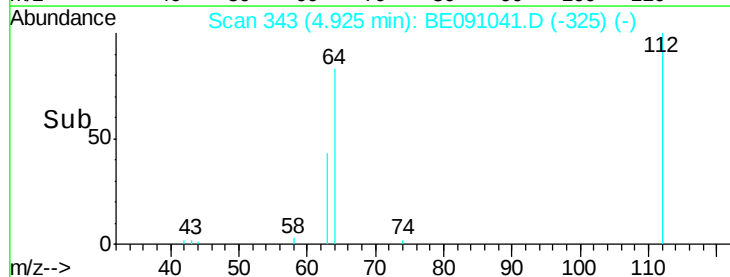
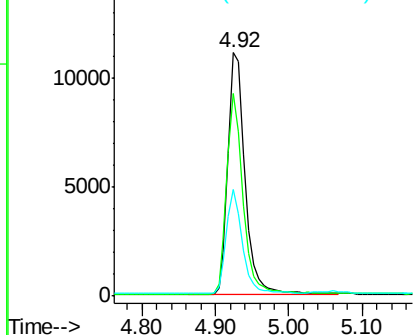
#4

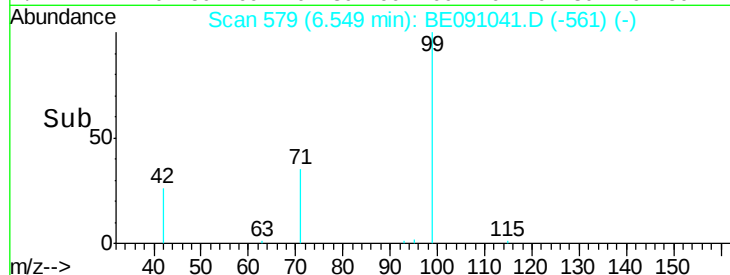
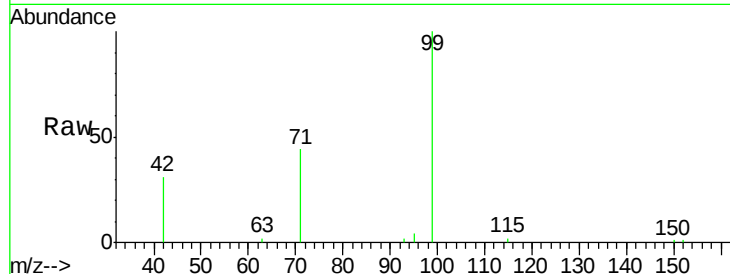
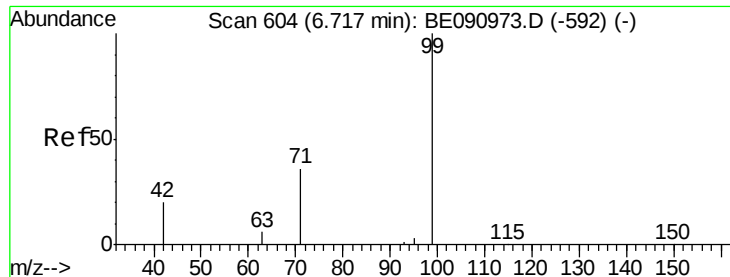
2-Fluorophenol
 Concen: 4.48 ng
 RT: 4.92 min Scan# 343
 Delta R.T. -0.08 min
 Lab File: BE091041.D
 Acq: 23 Oct 2015 19:45

Tgt Ion: 112 Resp: 18140
 Ion Ratio Lower Upper
 112 100
 64 79.8 30.9 46.3#
 63 40.1 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: 2.78 ng

RT: 6.55 min Scan# 579

Delta R.T. -0.08 min

Lab File: BE091041.D

Acq: 23 Oct 2015 19:45

Instrument :

BNA_E

ClientSampleId :

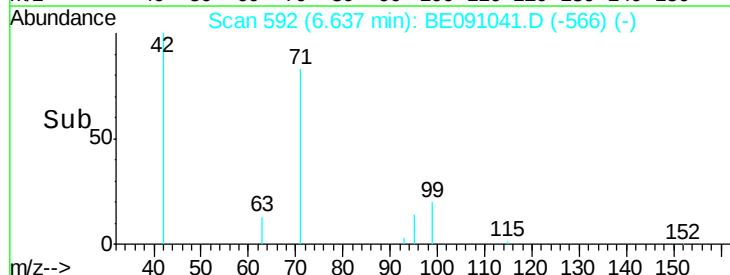
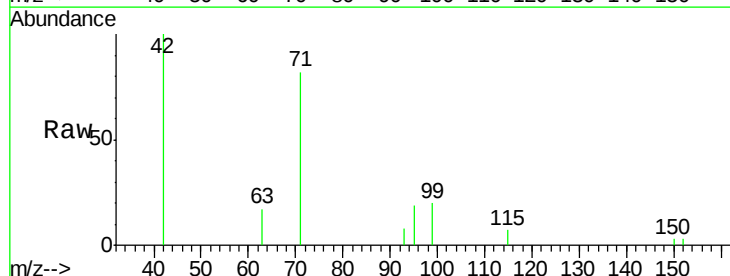
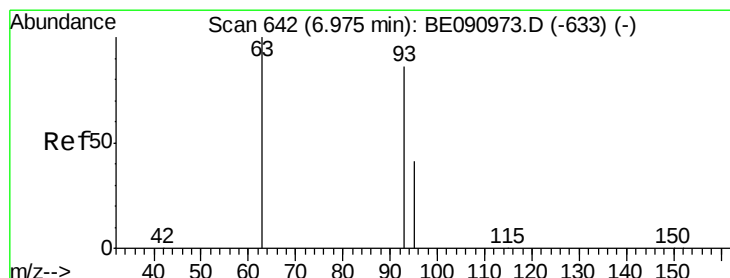
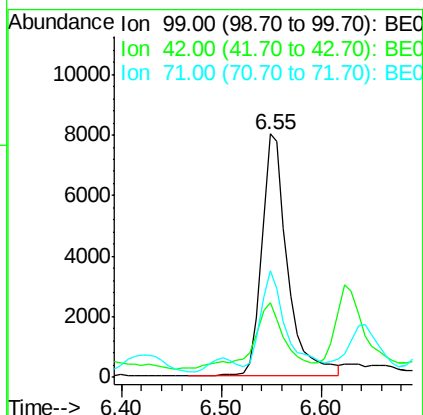
Tot Ion: 99 Resp: 14303

Ion Ratio Lower Upper

99 100

42 32.8 16.2 24.2#

71 37.1 29.0 43.4



#6

bis(2-Chloroethyl)ether

Concen: 0.07 ng

RT: 6.64 min Scan# 592

Delta R.T. -0.02 min

Lab File: BE091041.D

Acq: 23 Oct 2015 19:45

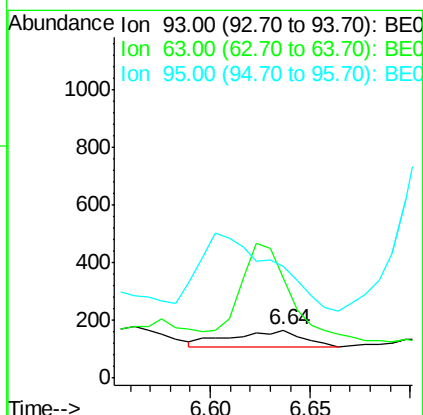
Tgt Ion: 93 Resp: 142

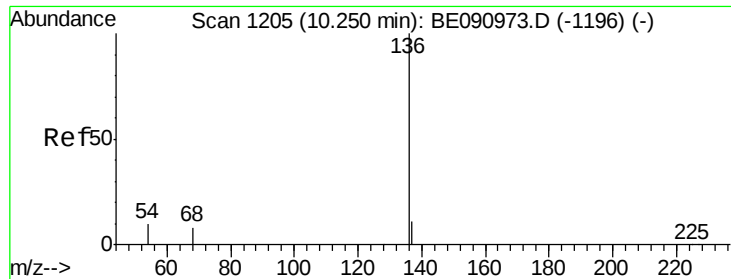
Ion Ratio Lower Upper

93 100

63 419.7 49.5 74.3#

95 0.0 22.2 33.4#





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 9.58 min Scan# 1153

Delta R.T. -0.06 min

Lab File: BE091041.D

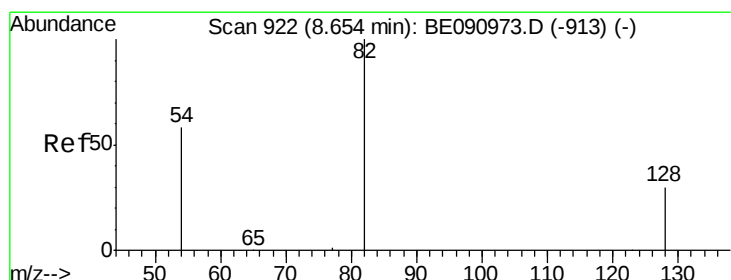
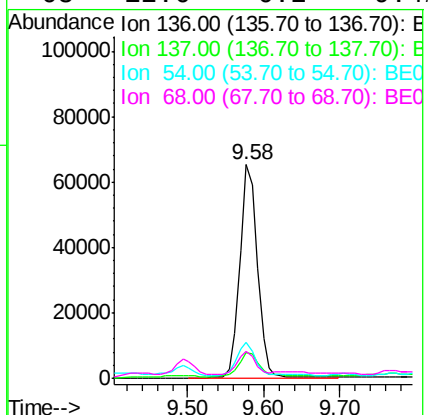
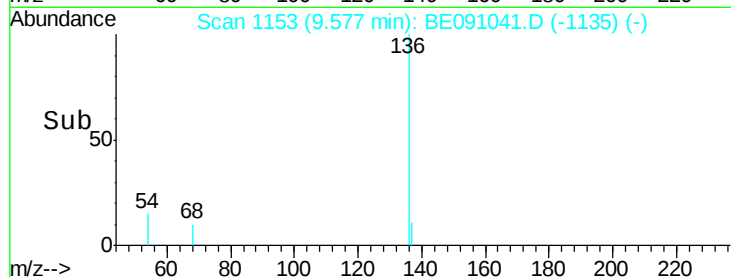
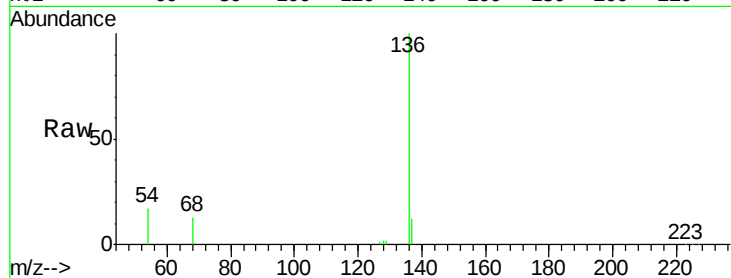
Acq: 23 Oct 2015 19:45

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136	Resp:	104914
Ion Ratio	Lower	Upper
136	100	
137	12.2	8.9 13.3
54	16.7	8.2 12.4#
68	12.6	6.2 9.4#



#8

Nitrobenzene-d5

Concen: 6.28 ng

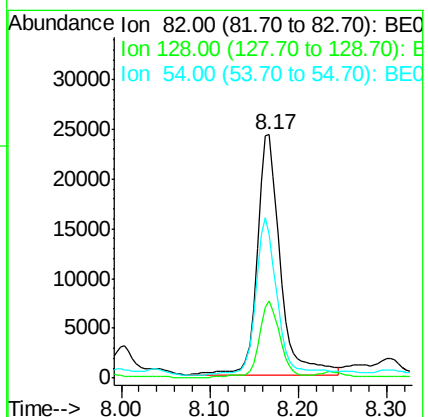
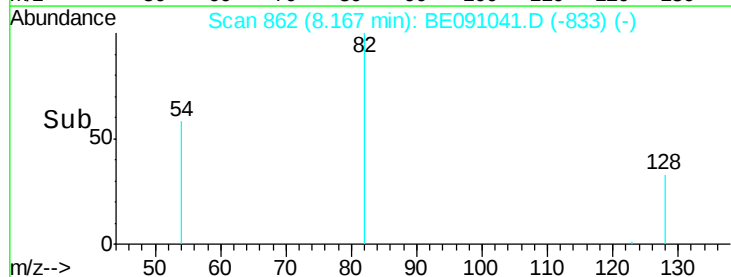
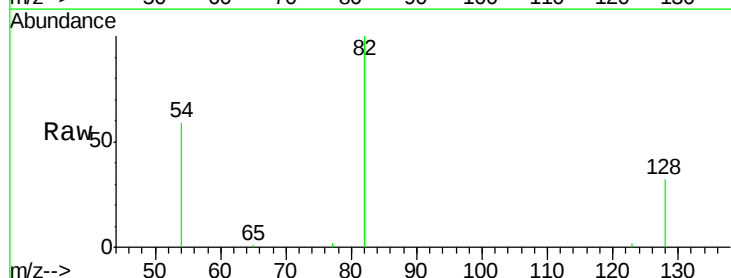
RT: 8.17 min Scan# 862

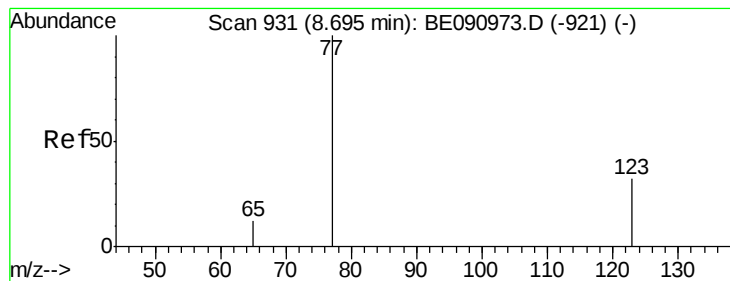
Delta R.T. -0.07 min

Lab File: BE091041.D

Acq: 23 Oct 2015 19:45

Tgt Ion: 82	Resp:	43779
Ion Ratio	Lower	Upper
82	100	
128	31.6	25.4 38.0
54	59.2	48.4 72.6





#9

Nitrobenzene

Concen: 0.59 ng

RT: 8.23 min Scan# 876

Delta R.T. -0.04 min

Lab File: BE091041.D

Acq: 23 Oct 2015 19:45

Instrument :

BNA_E

ClientSampleId :

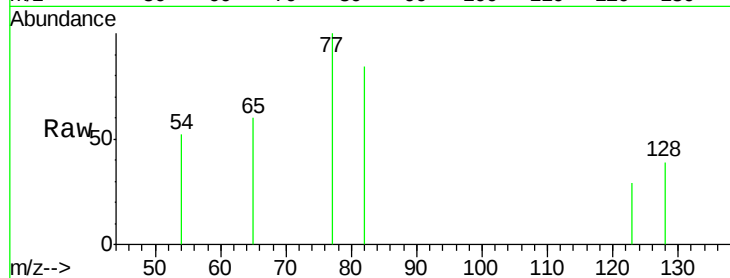
Tot Ion: 77 Resp: 2528

Ion Ratio Lower Upper

77 100

123 14.5 26.9 40.3#

65 58.7 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) (-)

8.23

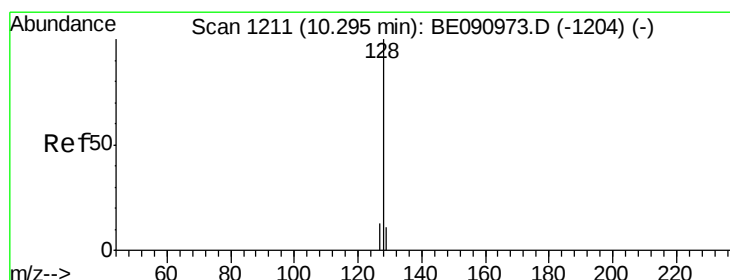
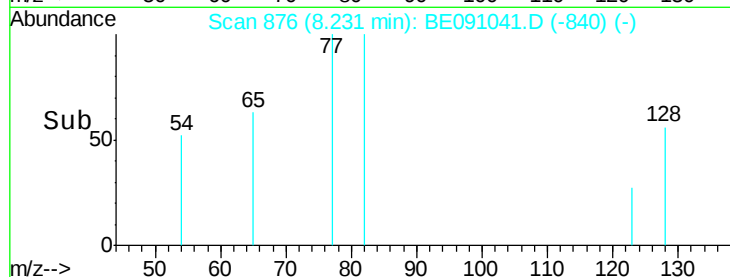
1500

1000

500

0

Time--> 8.15 8.20 8.25



#10

Naphthalene

Concen: 1.90 ng

RT: 9.62 min Scan# 1159

Delta R.T. -0.06 min

Lab File: BE091041.D

Acq: 23 Oct 2015 19:45

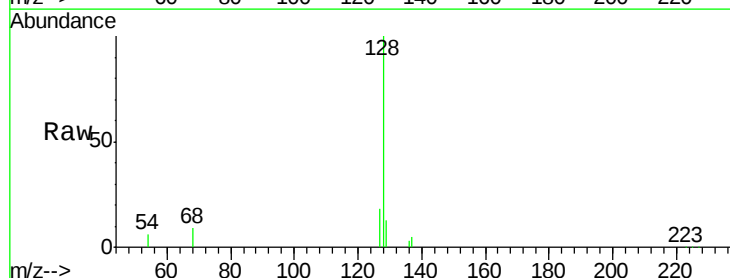
Tgt Ion: 128 Resp: 39303

Ion Ratio Lower Upper

128 100

129 13.0 9.3 13.9

127 17.9 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) (-)

9.62

30000

25000

20000

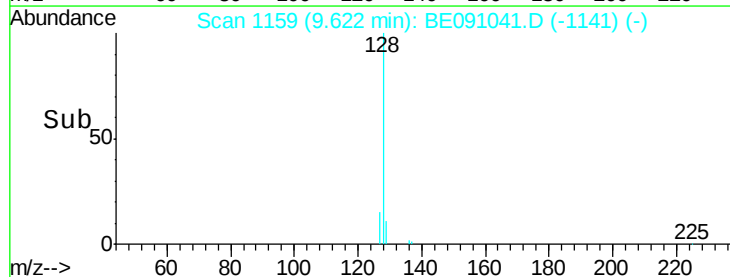
15000

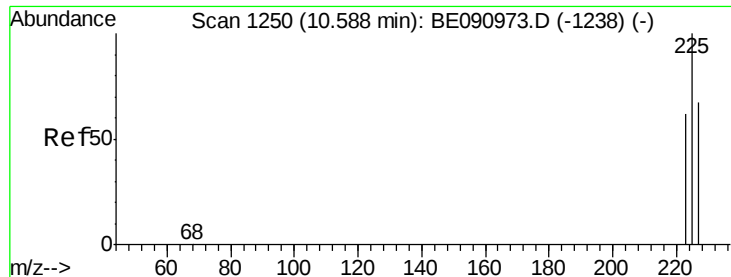
10000

5000

0

Time--> 9.55 9.60 9.65 9.70

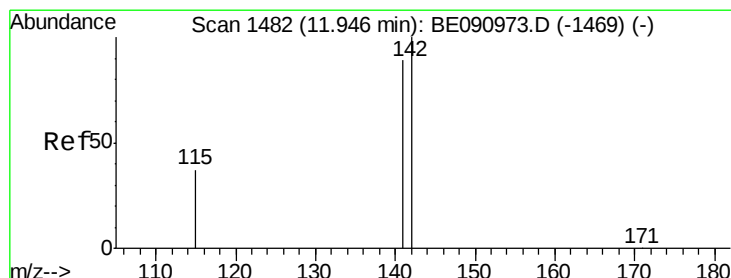
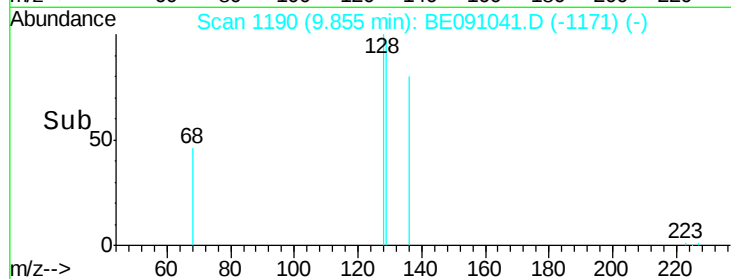
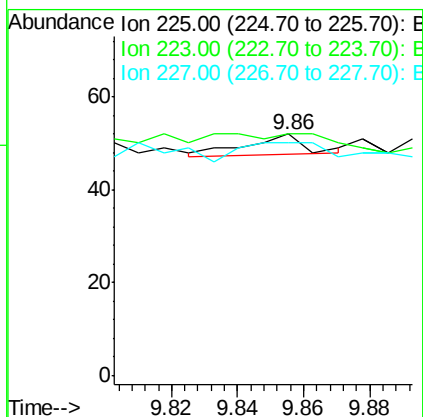
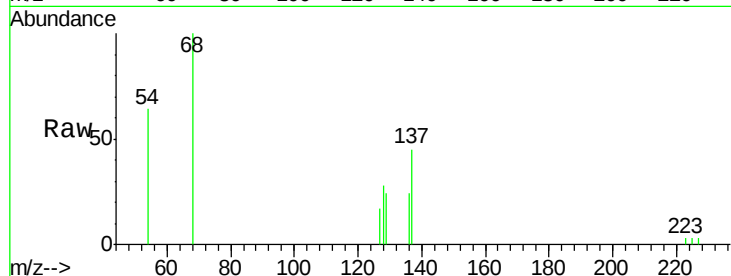




#11
Hexachlorobutadiene
Concen: Below Cal
RT: 9.86 min Scan# 1190
Delta R.T. -0.05 min
Lab File: BE091041.D
Acq: 23 Oct 2015 19:45

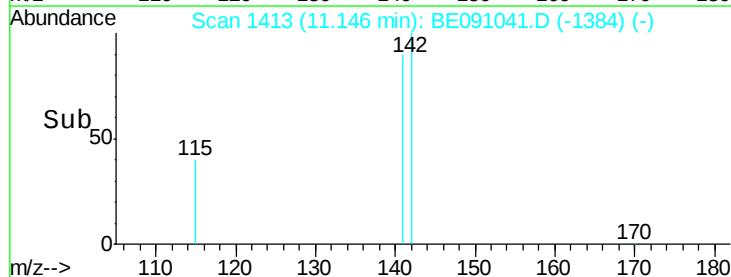
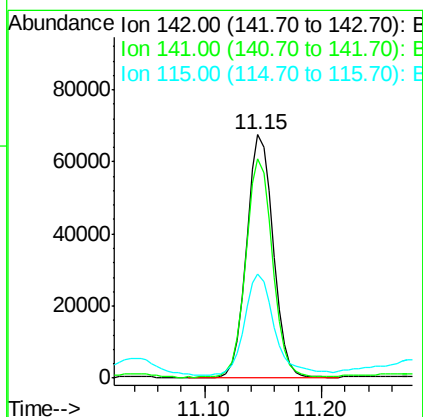
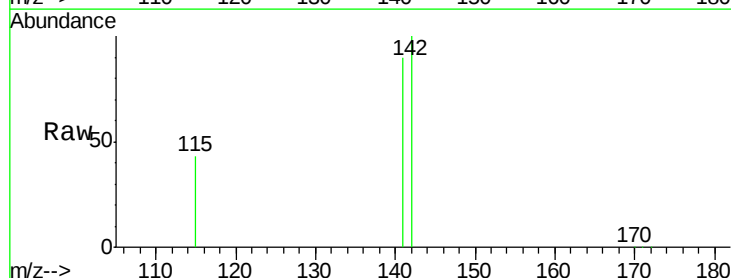
Instrument :
BNA_E
ClientSampleId :

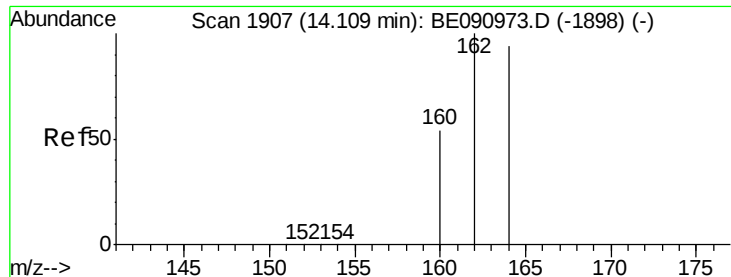
Tot Ion:225 Resp: 5
Ion Ratio Lower Upper
225 100
223 0.0 49.0 73.6#
227 180.0 50.3 75.5#



#12
2-Methylnaphthalene
Concen: 7.93 ng
RT: 11.15 min Scan# 1413
Delta R.T. -0.07 min
Lab File: BE091041.D
Acq: 23 Oct 2015 19:45

Tgt Ion:142 Resp: 105629
Ion Ratio Lower Upper
142 100
141 90.1 71.4 107.0
115 43.0 30.3 45.5

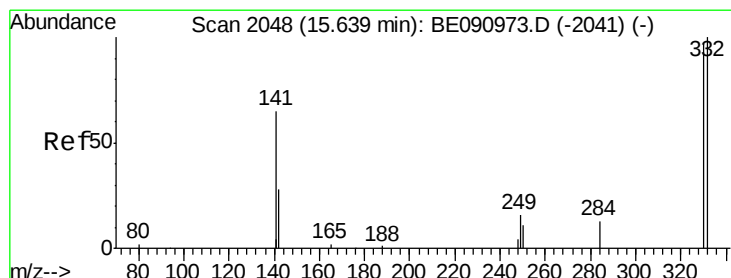
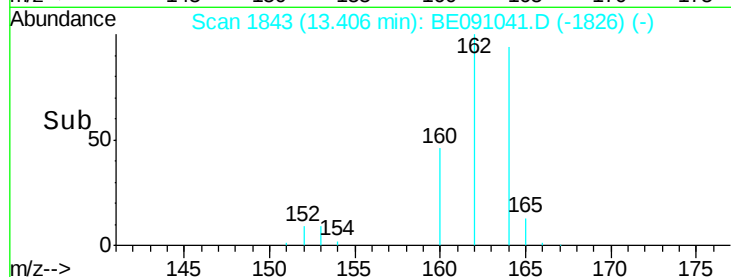
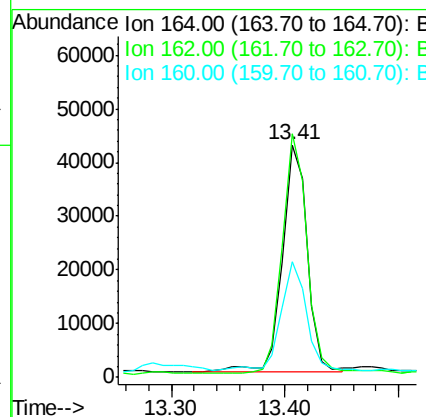
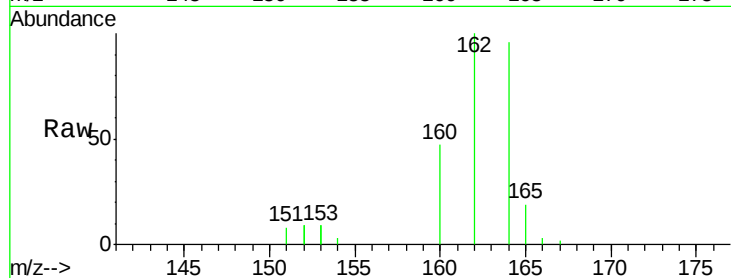




#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 13.41 min Scan# 1843
Delta R.T. -0.05 min
Lab File: BE091041.D
Acq: 23 Oct 2015 19:45

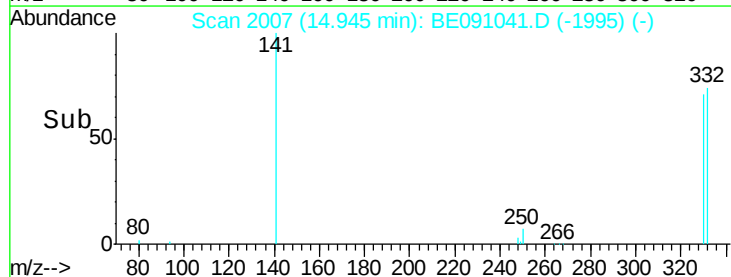
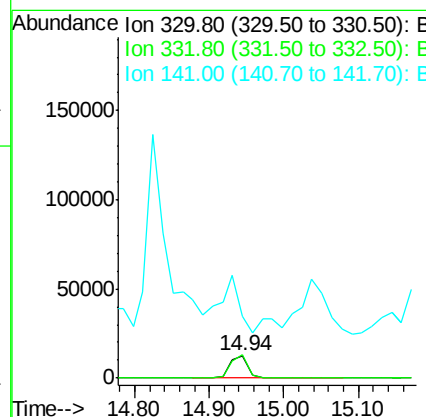
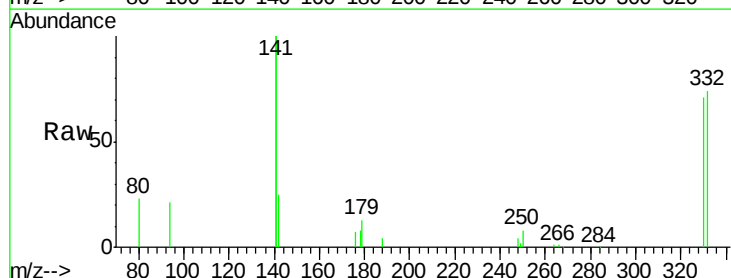
Instrument :
BNA_E
ClientSampleId :

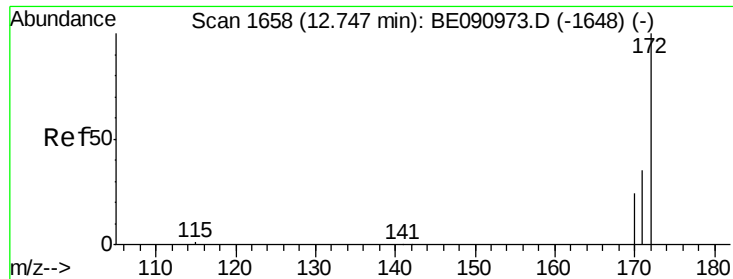
Tot Ion:164 Resp: 64375
Ion Ratio Lower Upper
164 100
162 104.7 85.3 127.9
160 49.7 46.2 69.2



#14
2,4,6-Tribromophenol
Concen: 9.19 ng
RT: 14.94 min Scan# 2007
Delta R.T. -0.04 min
Lab File: BE091041.D
Acq: 23 Oct 2015 19:45

Tgt Ion:330 Resp: 20551
Ion Ratio Lower Upper
330 100
332 97.5 79.1 118.7
141 285.1 125.4 188.0#

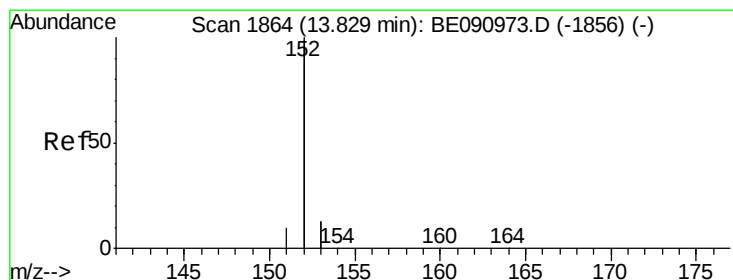
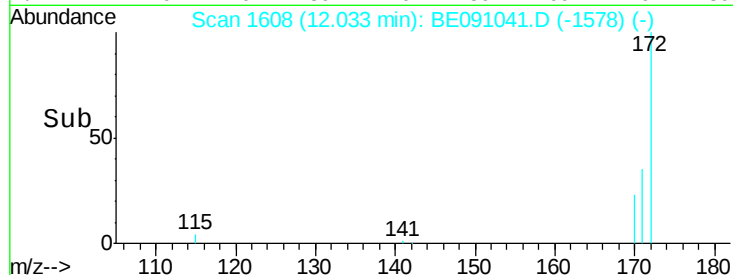
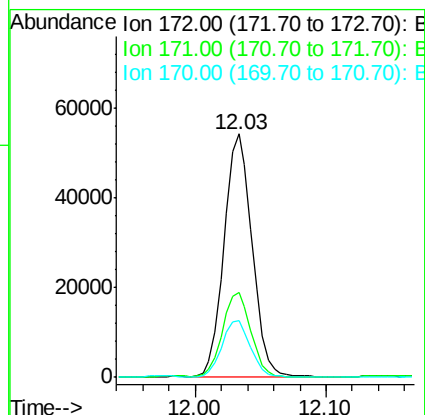
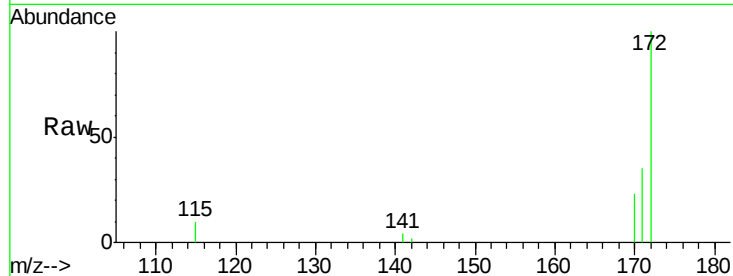




#15
2-Fluorobiphenyl
Concen: 4.56 ng
RT: 12.03 min Scan# 1608
Delta R.T. -0.06 min
Lab File: BE091041.D
Acq: 23 Oct 2015 19:45

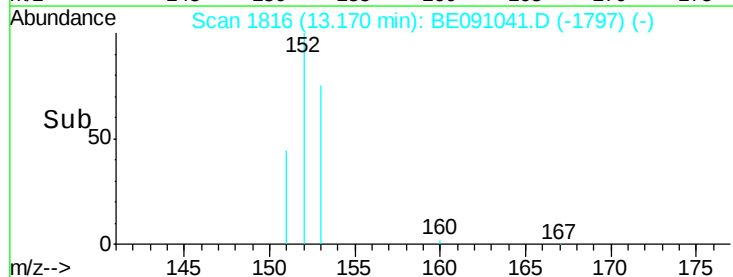
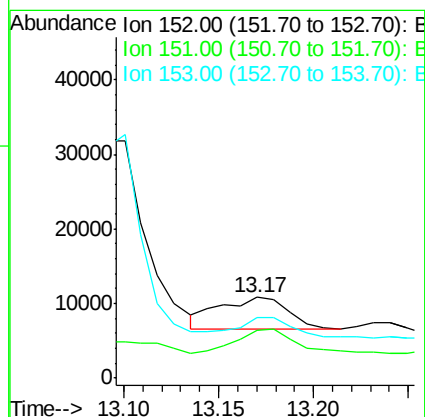
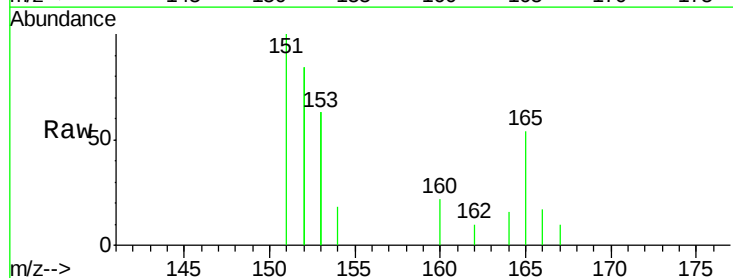
Instrument :
BNA_E
ClientSampleId :

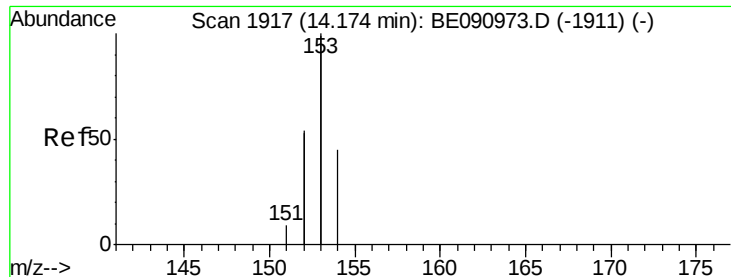
Tot Ion:172 Resp: 79564
Ion Ratio Lower Upper
172 100
171 34.9 28.8 43.2
170 23.4 19.3 28.9



#16
Acenaphthylene
Concen: 0.10 ng
RT: 13.17 min Scan# 1816
Delta R.T. -0.03 min
Lab File: BE091041.D
Acq: 23 Oct 2015 19:45

Tgt Ion:152 Resp: 10487
Ion Ratio Lower Upper
152 100
151 70.8 3.9 5.9#
153 56.2 10.3 15.5#





#17

Acenaphthene

Concen: 1.34 ng

RT: 13.47 min Scan# 1850

Delta R.T. -0.05 min

Lab File: BE091041.D

Acq: 23 Oct 2015 19:45

Instrument :

BNA_E

ClientSampleId :

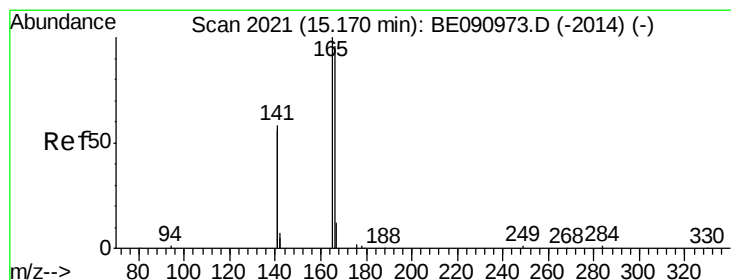
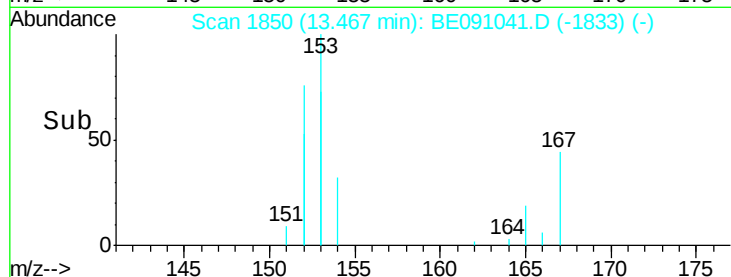
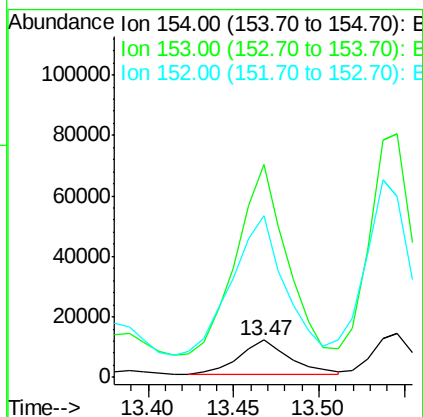
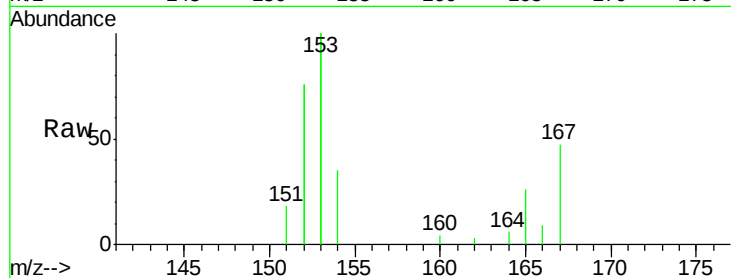
Tot Ion:154 Resp: 22980

Ion Ratio Lower Upper

154 100

153 561.4 352.0 528.0#

152 424.9 200.0 300.0#



#18

Fluorene

Concen: 3.03 ng

RT: 14.46 min Scan# 1963

Delta R.T. -0.05 min

Lab File: BE091041.D

Acq: 23 Oct 2015 19:45

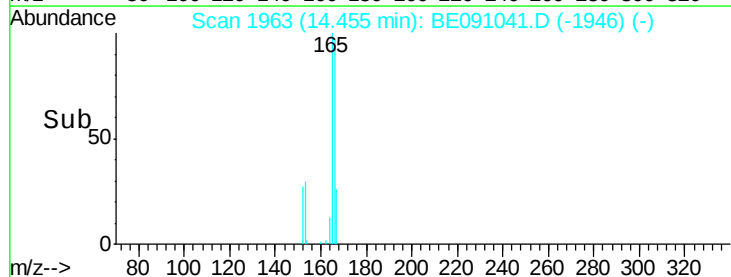
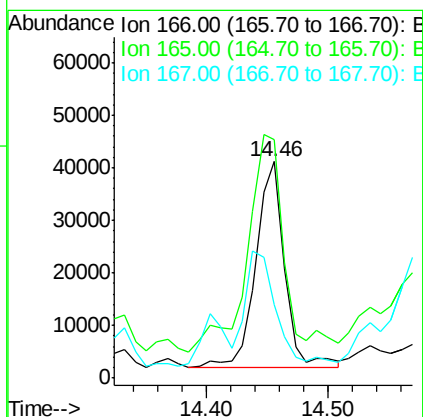
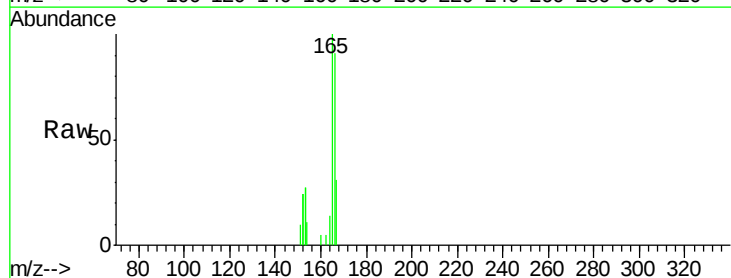
Tgt Ion:166 Resp: 64275

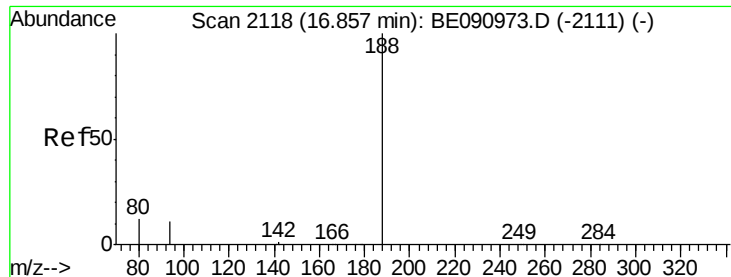
Ion Ratio Lower Upper

166 100

165 128.2 80.8 121.2#

167 52.7 10.9 16.3#





#19

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.13 min Scan# 2096

Delta R.T. -0.05 min

Lab File: BE091041.D

Acq: 23 Oct 2015 19:45

Instrument :

BNA_E

ClientSampleId :

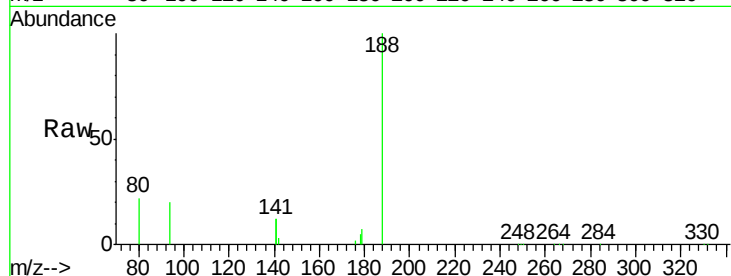
Tot Ion:188 Resp: 138158

Ion Ratio Lower Upper

188 100

94 19.5 8.7 13.1#

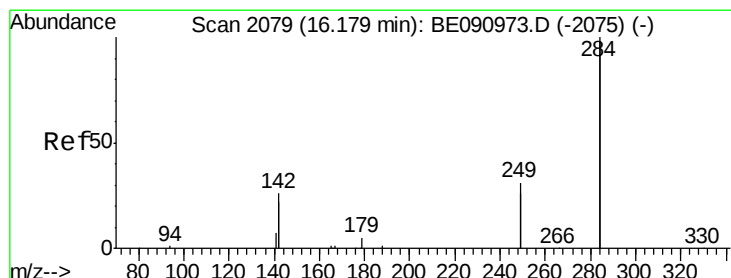
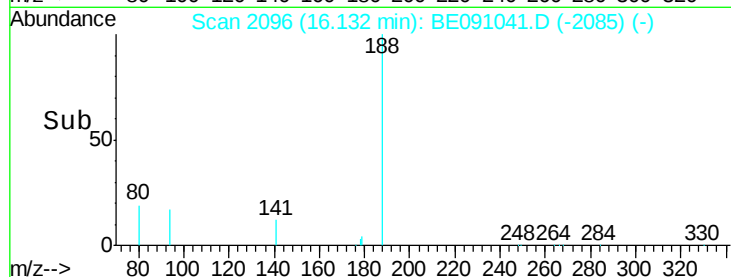
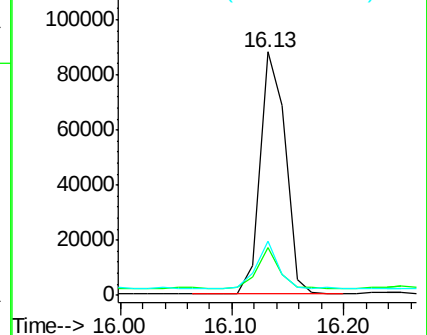
80 22.2 9.4 14.0#



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



#21

Hexachlorobenzene

Concen: Below Cal

RT: 15.40 min Scan# 2041

Delta R.T. -0.05 min

Lab File: BE091041.D

Acq: 23 Oct 2015 19:45

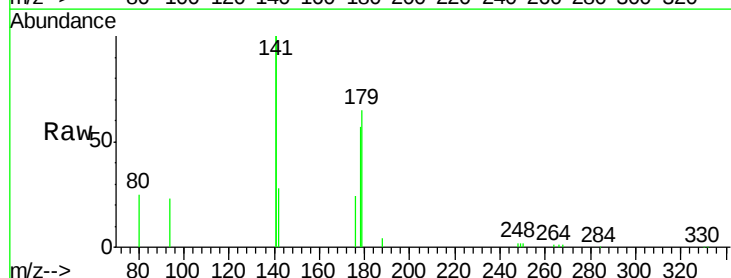
Tgt Ion:284 Resp: 12

Ion Ratio Lower Upper

284 100

142 12016.7 32.2 48.2#

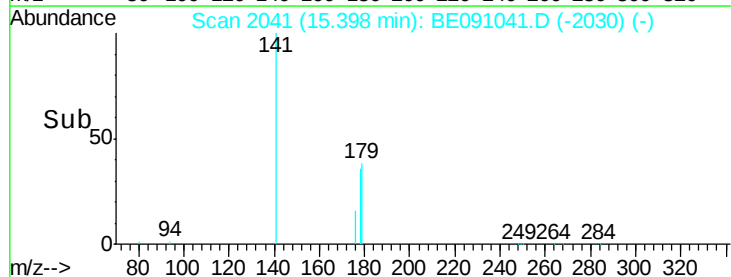
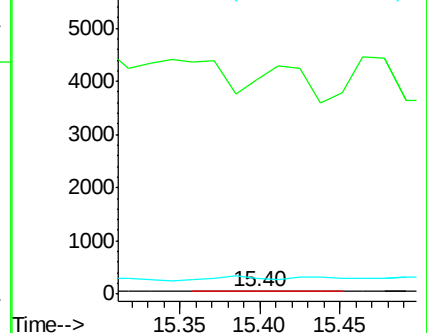
249 0.0 25.4 38.2#

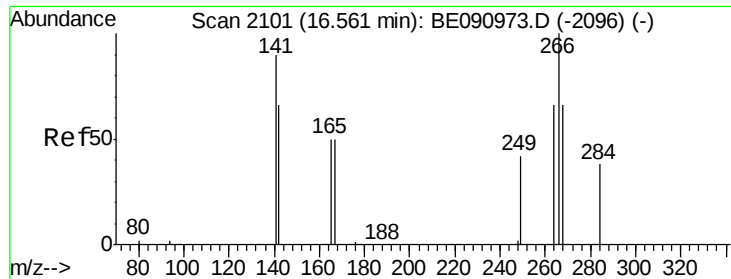


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

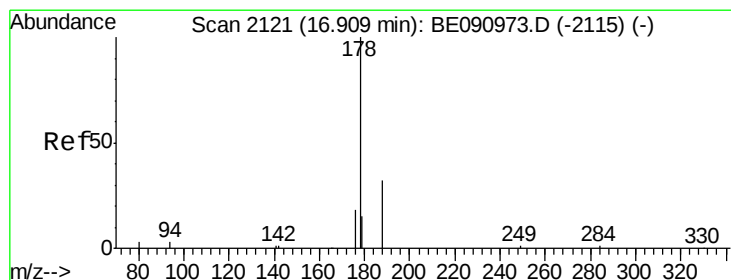
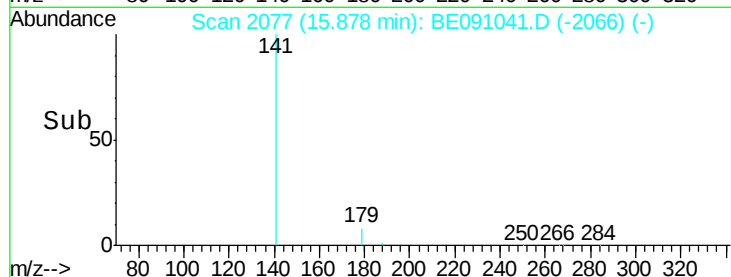
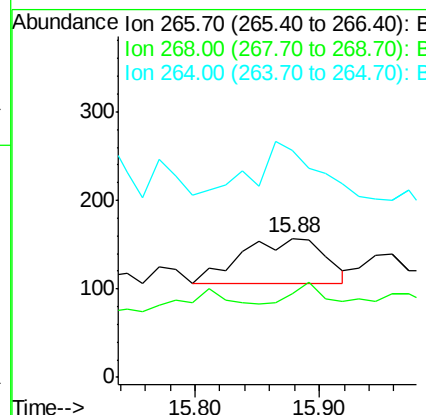
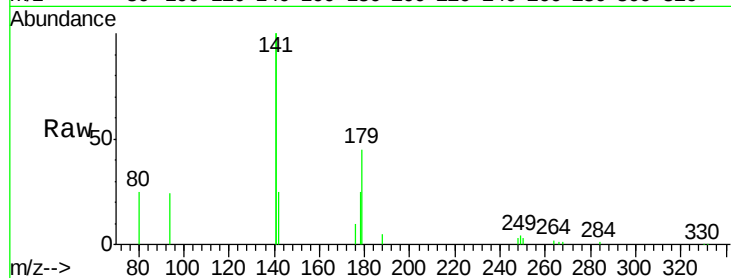




#22
 Pentachlorophenol
 Concen: 0.16 ng
 RT: 15.88 min Scan# 2077
 Delta R.T. -0.05 min
 Lab File: BE091041.D
 Acq: 23 Oct 2015 19:45

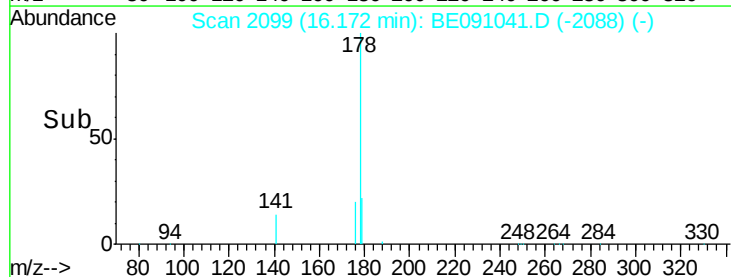
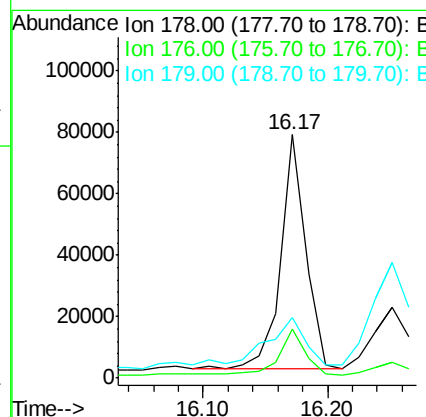
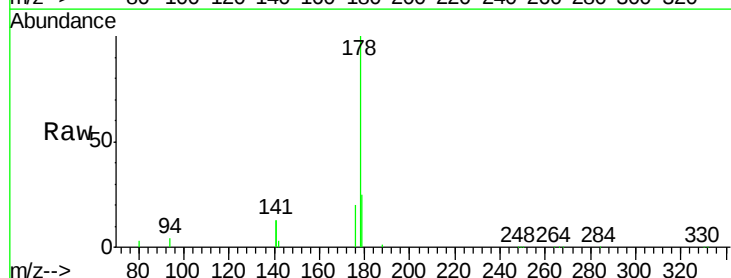
Instrument :
 BNA_E
 ClientSampled :

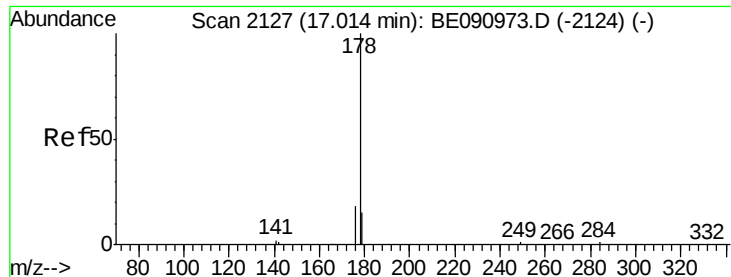
Tot Ion:266 Resp: 240
 Ion Ratio Lower Upper
 266 100
 268 59.9 58.2 87.2
 264 163.1 56.2 84.4#



#23
 Phenanthrene
 Concen: 3.39 ng
 RT: 16.17 min Scan# 2099
 Delta R.T. -0.05 min
 Lab File: BE091041.D
 Acq: 23 Oct 2015 19:45

Tgt Ion:178 Resp: 107209
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.3 22.9
 179 40.4 12.6 18.8#





#24

Anthracene

Concen: 1.29 ng

RT: 16.25 min Scan# 2105

Delta R.T. -0.05 min

Lab File: BE091041.D

Acq: 23 Oct 2015 19:45

Instrument :

BNA_E

ClientSampled :

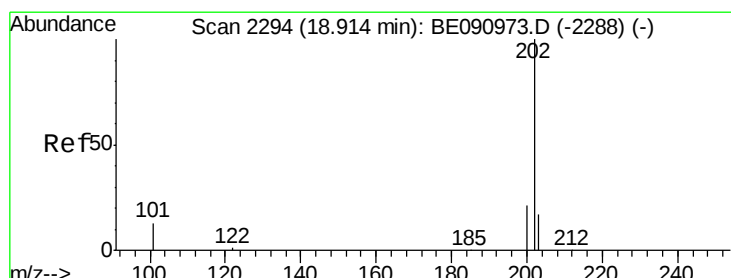
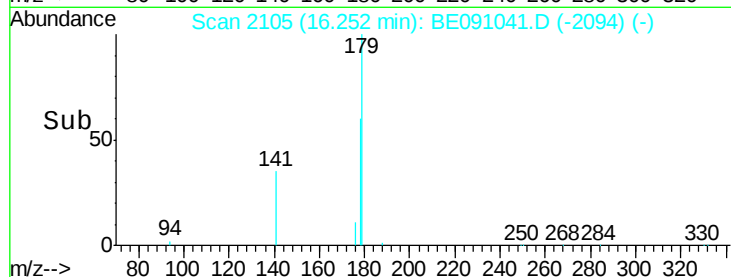
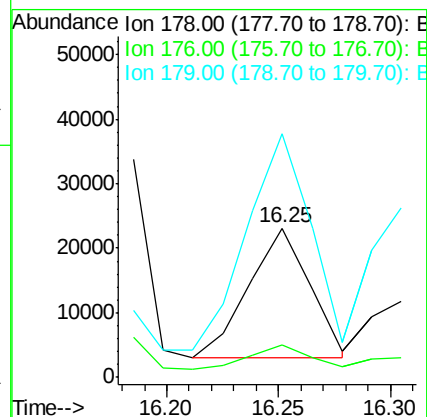
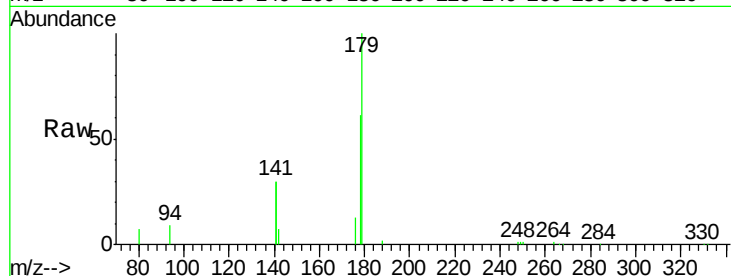
Tot Ion:178 Resp: 38530

Ion Ratio Lower Upper

178 100

176 19.0 14.6 21.8

179 172.0 11.8 17.6#



#25

Fluoranthene

Concen: 0.55 ng

RT: 18.16 min Scan# 2311

Delta R.T. -0.05 min

Lab File: BE091041.D

Acq: 23 Oct 2015 19:45

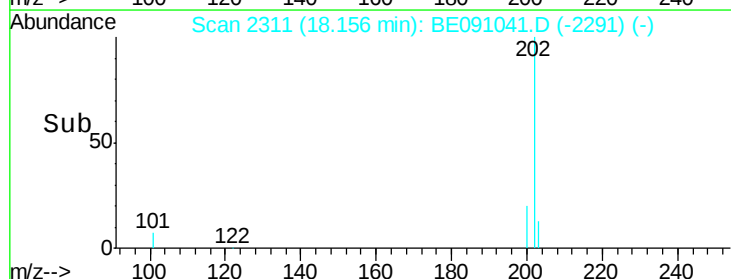
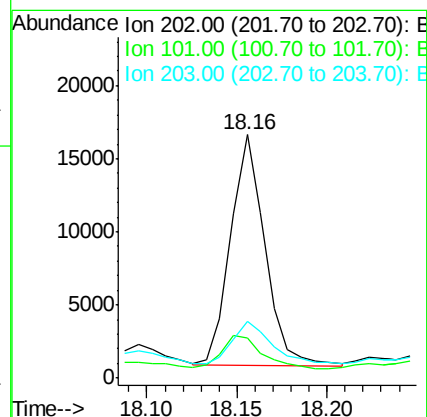
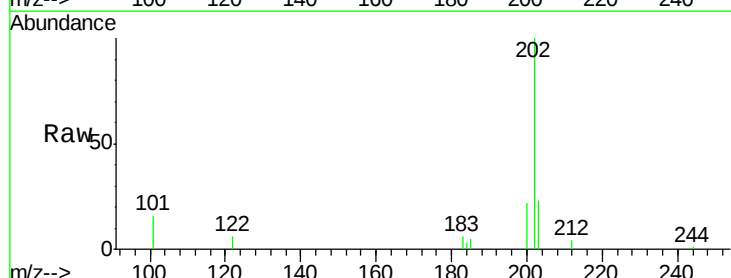
Tgt Ion:202 Resp: 20896

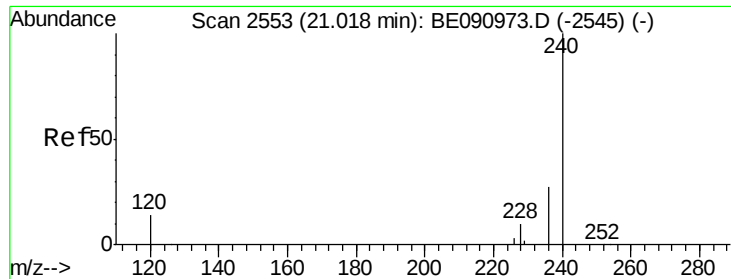
Ion Ratio Lower Upper

202 100

101 17.3 11.0 16.6#

203 20.5 13.9 20.9





#26

Chrysene-d12

Concen: 5.00 ng

RT: 20.29 min Scan# 2568

Delta R.T. -0.04 min

Lab File: BE091041.D

Acq: 23 Oct 2015 19:45

Instrument :

BNA_E

ClientSampleId :

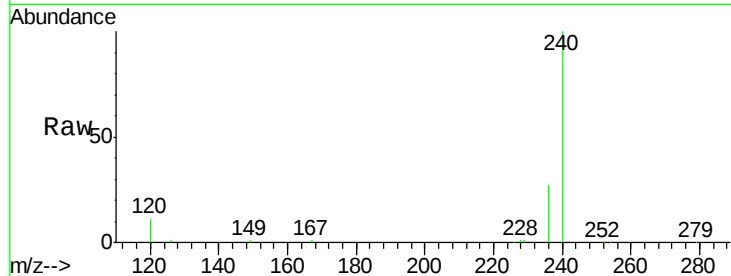
Tot Ion:240 Resp: 160635

Ion Ratio Lower Upper

240 100

120 10.7 11.0 16.4#

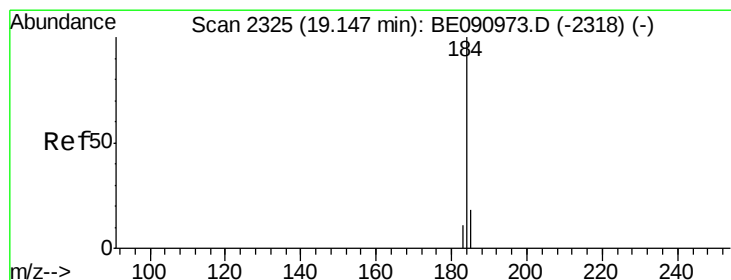
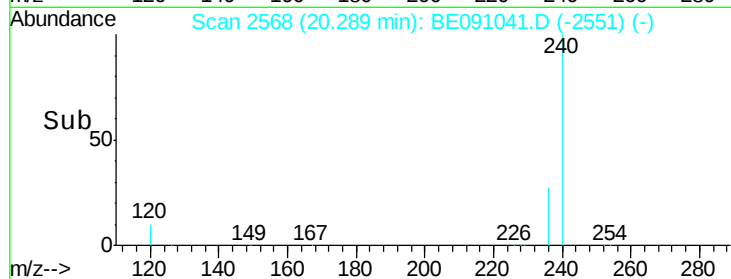
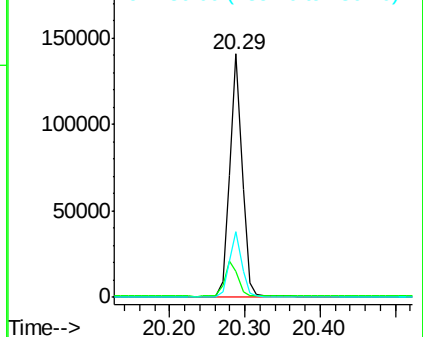
236 27.1 21.7 32.5



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: Below Cal

RT: 18.51 min Scan# 2358

Delta R.T. -0.08 min

Lab File: BE091041.D

Acq: 23 Oct 2015 19:45

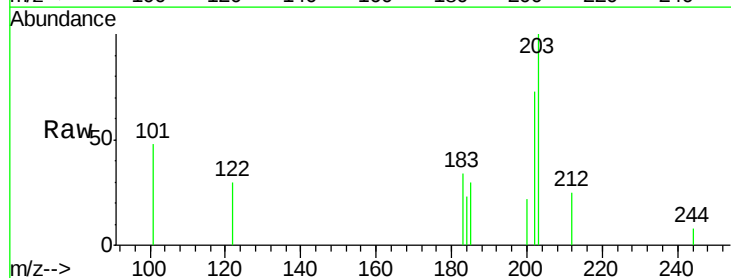
Tgt Ion:184 Resp: 209

Ion Ratio Lower Upper

184 100

185 130.8 22.3 33.5#

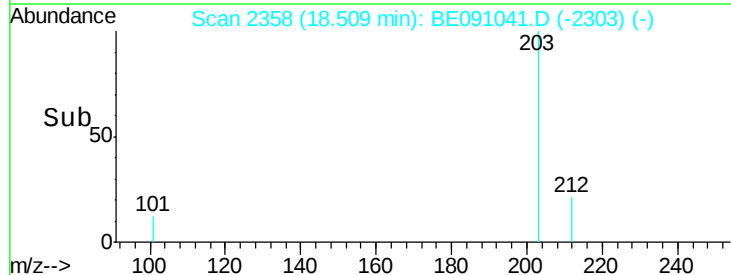
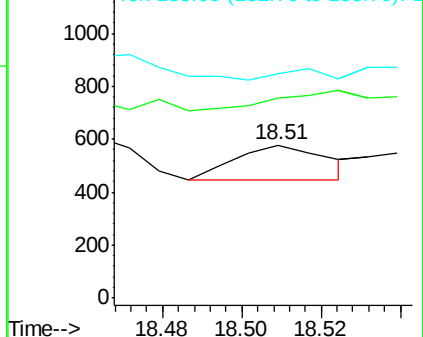
183 147.1 16.4 24.6#

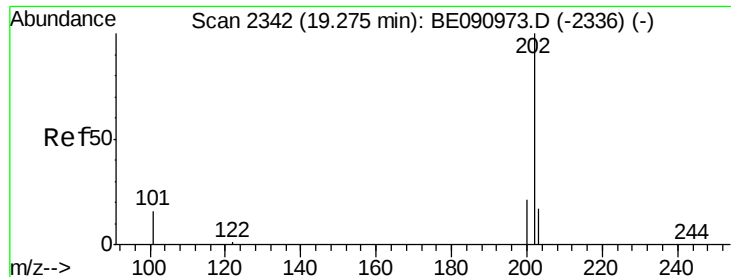


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

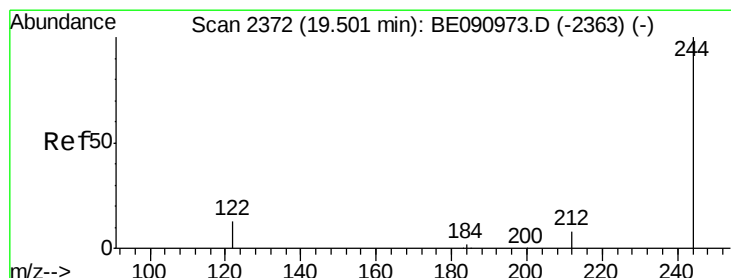
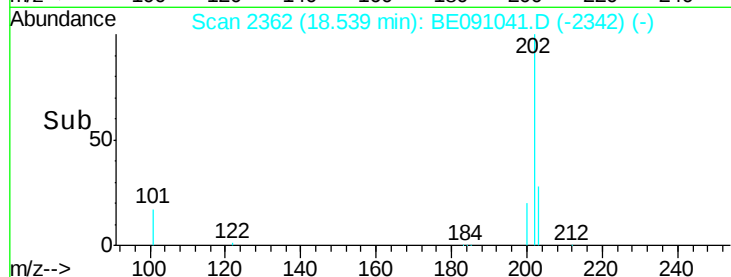
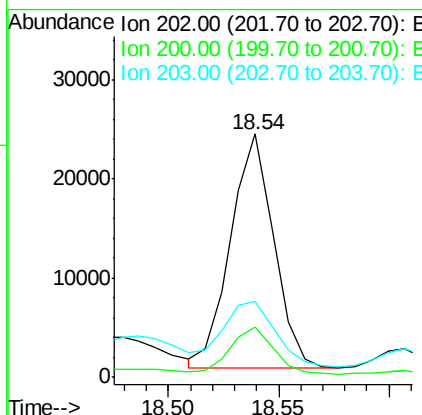
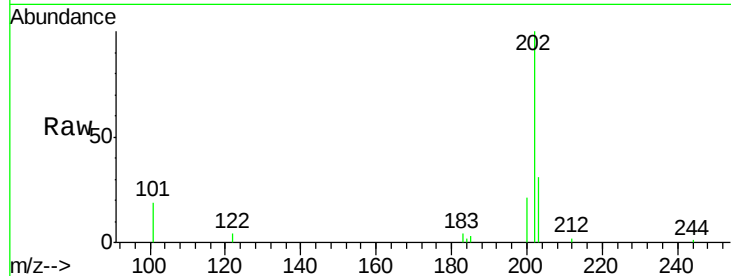




#28
Pvrene
Concen: 0.86 ng
RT: 18.54 min Scan# 2362
Delta R.T. -0.05 min
Lab File: BE091041.D
Acq: 23 Oct 2015 19:45

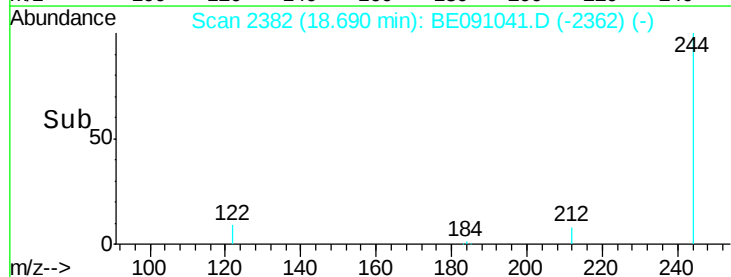
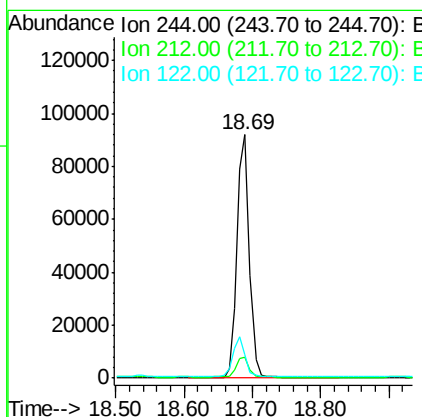
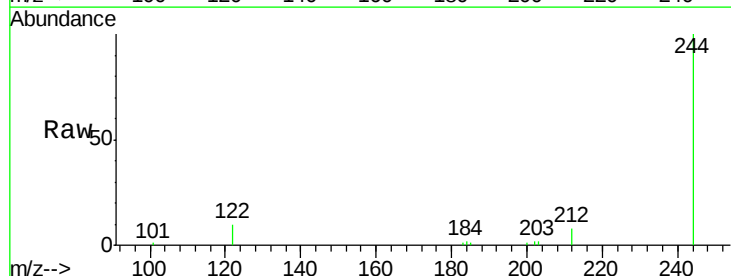
Instrument :
BNA_E
ClientSampleId :

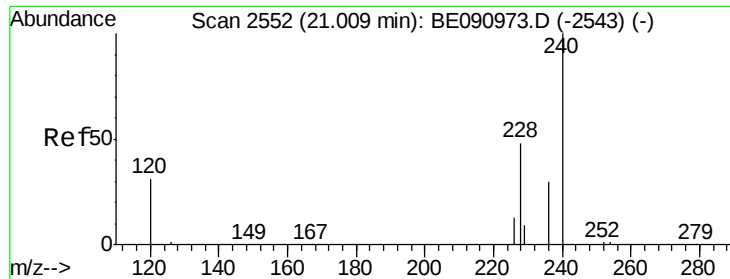
Tot Ion:202 Resp: 32057
Ion Ratio Lower Upper
202 100
200 20.0 16.8 25.2
203 35.3 14.0 21.0#



#29
Terphenyl-d14
Concen: 5.66 ng
RT: 18.69 min Scan# 2382
Delta R.T. -0.05 min
Lab File: BE091041.D
Acq: 23 Oct 2015 19:45

Tgt Ion:244 Resp: 112249
Ion Ratio Lower Upper
244 100
212 8.4 6.9 10.3
122 9.5 11.0 16.4#





#30

Benzo(a)anthracene

Concen: 0.19 ng

RT: 20.26 min Scan# 2565

Delta R.T. -0.04 min

Lab File: BE091041.D

Acq: 23 Oct 2015 19:45

Instrument :

BNA_E

ClientSampleId :

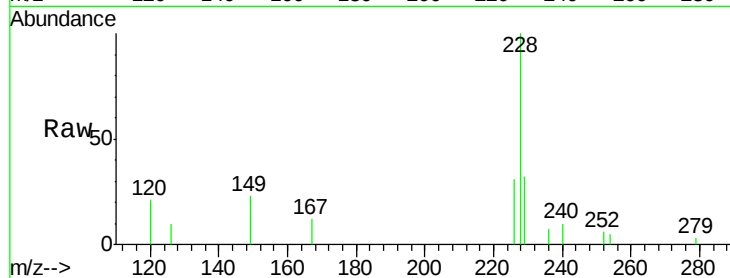
Tot Ion:228 Resp: 6676

Ion Ratio Lower Upper

228 100

226 30.8 21.0 31.4

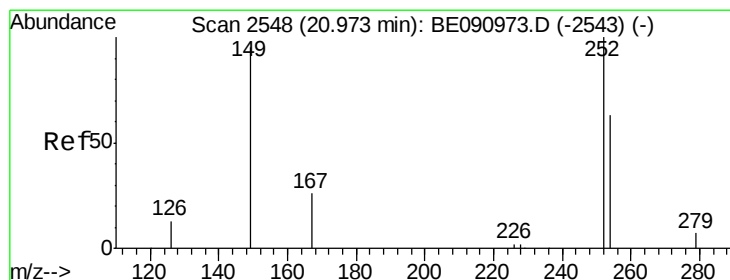
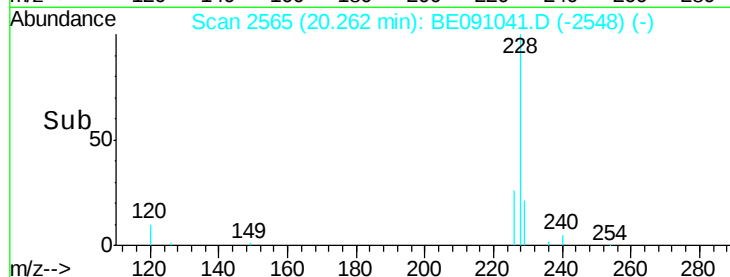
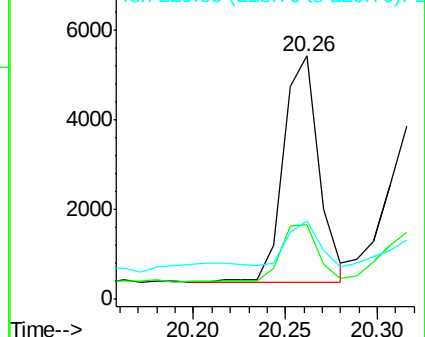
229 32.4 15.7 23.5#



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: 0.03 ng

RT: 20.78 min Scan# 2623

Delta R.T. -0.05 min

Lab File: BE091041.D

Acq: 23 Oct 2015 19:45

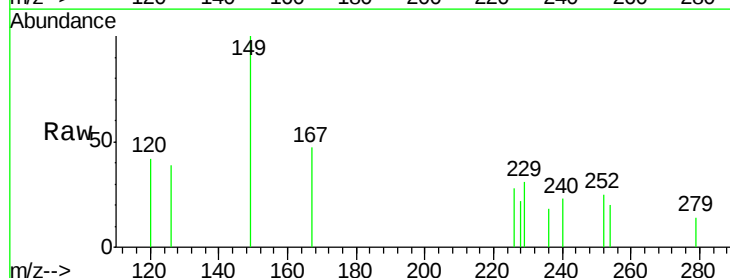
Tgt Ion:252 Resp: 54

Ion Ratio Lower Upper

252 100

254 79.3 51.1 76.7#

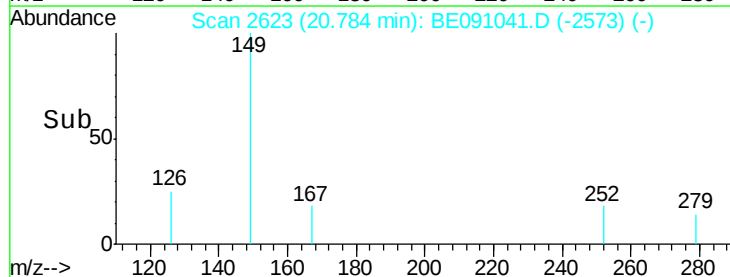
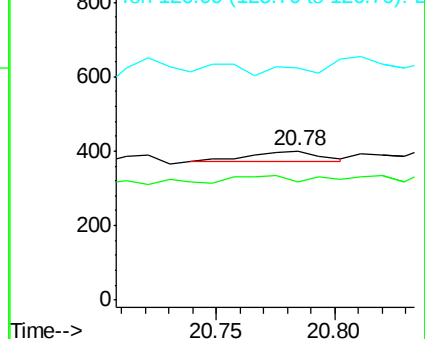
126 156.0 12.6 18.8#

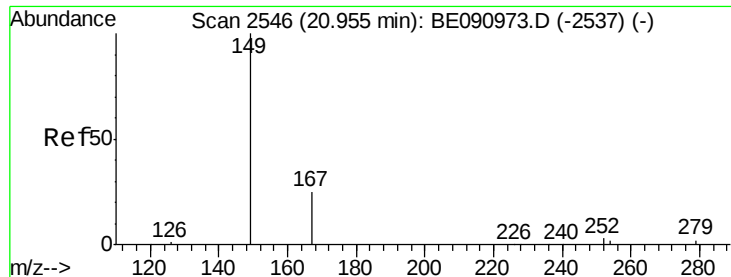


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#33

Bis(2-ethylhexyl)phthalate

Concen: 1.01 ng

RT: 19.97 min Scan# 2533

Delta R.T. -0.04 min

Lab File: BE091041.D

Acq: 23 Oct 2015 19:45

Instrument :

BNA_E

ClientSampleId :

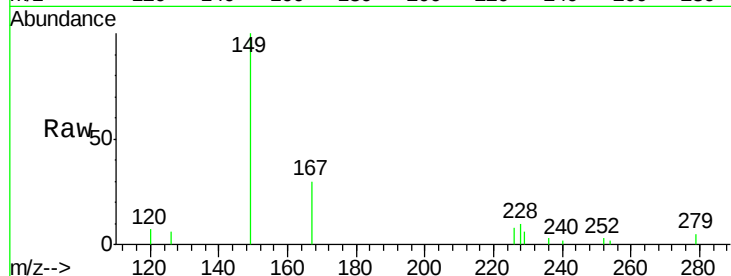
Tot Ion:149 Resp: 11893

Ion Ratio Lower Upper

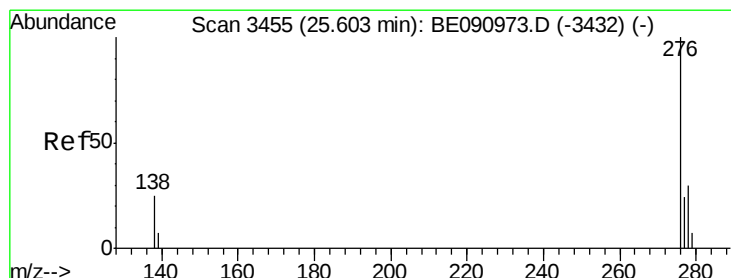
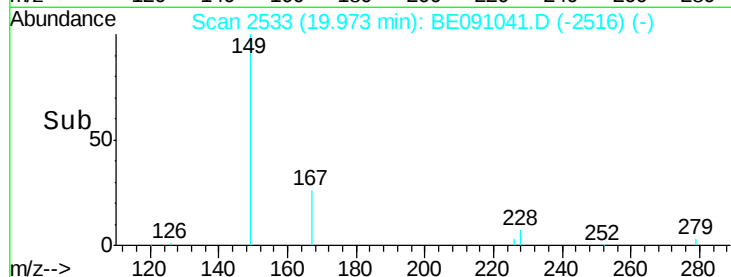
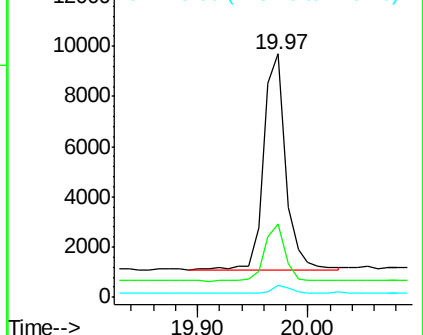
149 100

167 25.0 19.5 29.3

279 3.4 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: 0.18 ng

RT: 23.84 min Scan# 3262

Delta R.T. -0.08 min

Lab File: BE091041.D

Acq: 23 Oct 2015 19:45

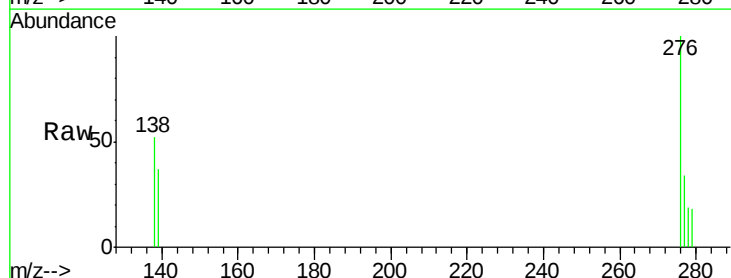
Tgt Ion:276 Resp: 2726

Ion Ratio Lower Upper

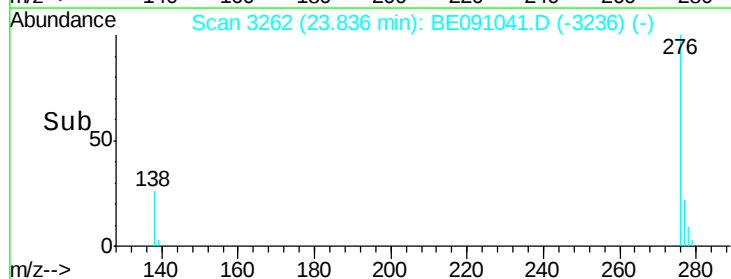
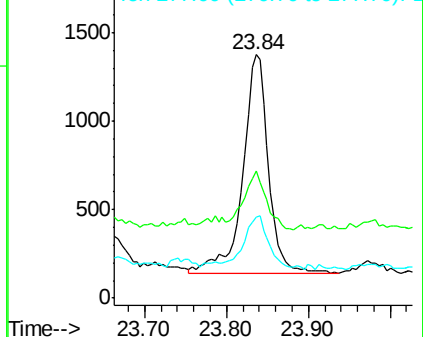
276 100

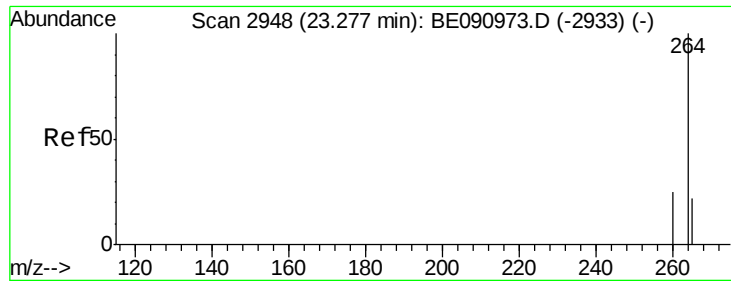
138 23.4 23.4 35.2

277 23.5 19.8 29.8



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

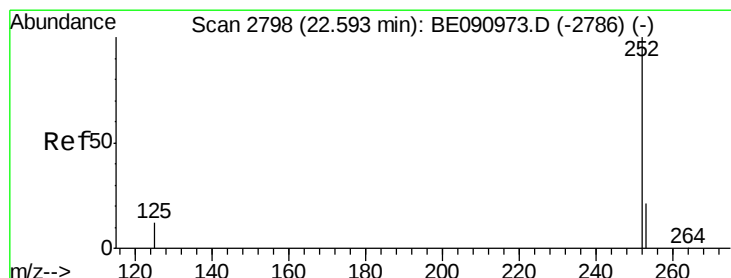
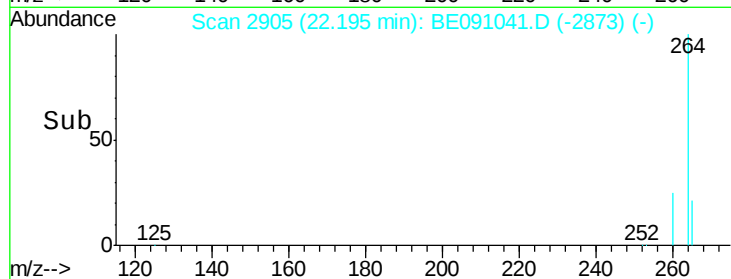
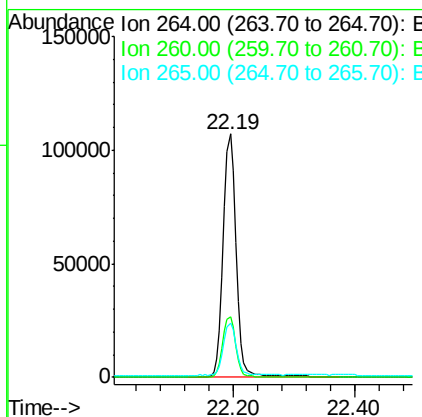
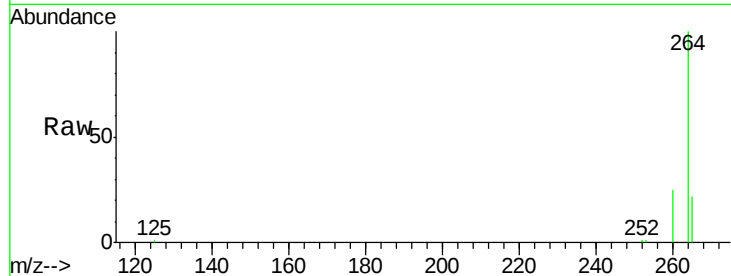




#35
 Pervlene-d12
 Concen: 5.00 ng
 RT: 22.19 min Scan# 2905
 Delta R.T. -0.05 min
 Lab File: BE091041.D
 Acq: 23 Oct 2015 19:45

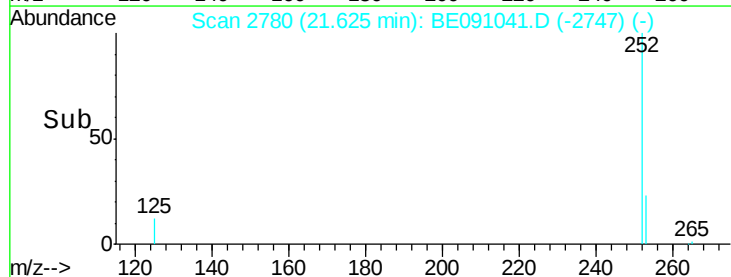
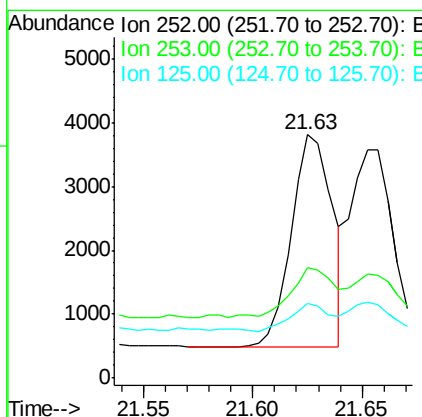
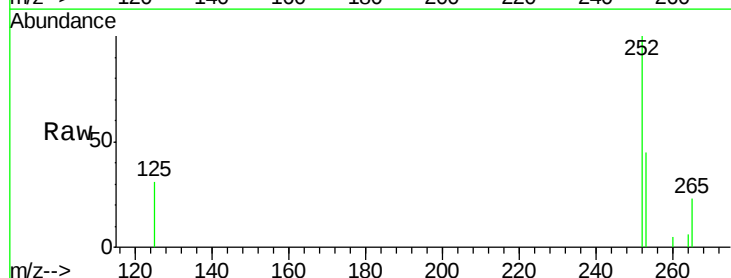
Instrument :
 BNA_E
 ClientSampleId :

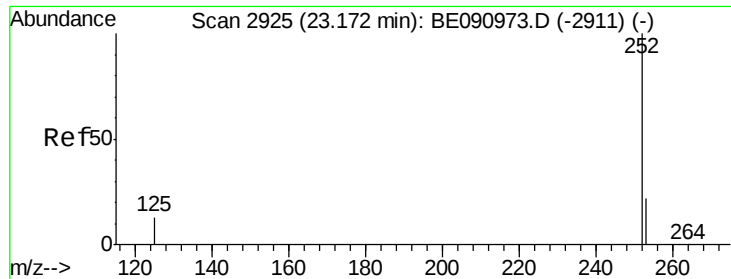
Tot Ion:264 Resp: 158386
 Ion Ratio Lower Upper
 264 100
 260 25.0 20.0 30.0
 265 22.2 17.5 26.3



#36
 Benzo(b)fluoranthene
 Concen: 0.12 ng
 RT: 21.63 min Scan# 2780
 Delta R.T. -0.05 min
 Lab File: BE091041.D
 Acq: 23 Oct 2015 19:45

Tgt Ion:252 Resp: 4351
 Ion Ratio Lower Upper
 252 100
 253 45.3 17.4 26.0#
 125 30.8 10.2 15.2#





#38

Benzo(a)pyrene

Concen: 0.15 ng

RT: 22.09 min Scan# 2883

Delta R.T. -0.05 min

Lab File: BE091041.D

Acq: 23 Oct 2015 19:45

Instrument :

BNA_E

ClientSampleId :

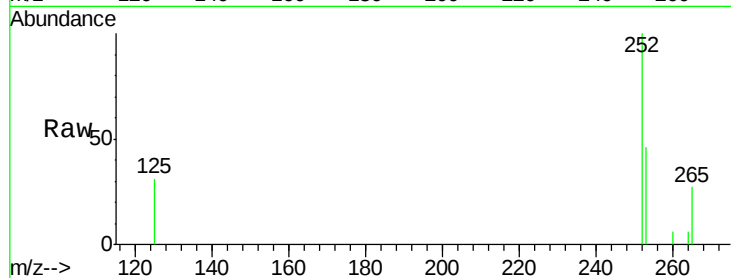
Tot Ion:252 Resp: 4719

Ion Ratio Lower Upper

252 100

253 45.5 18.1 27.1#

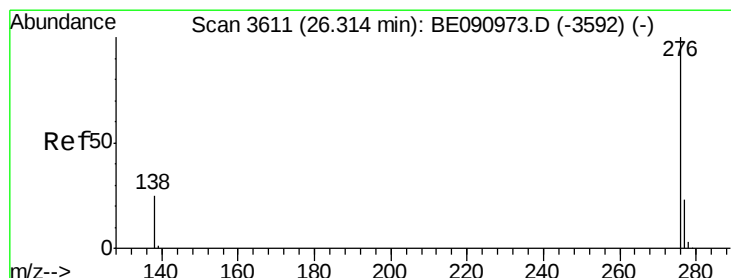
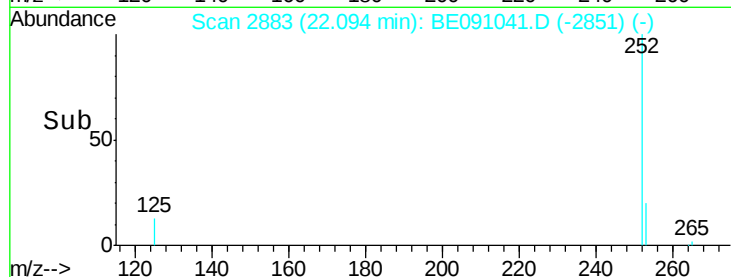
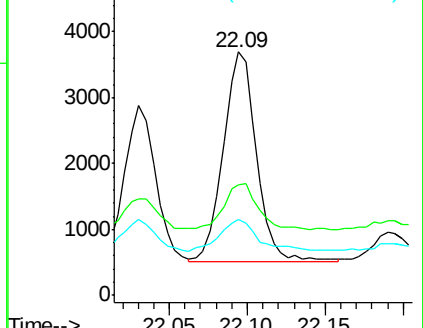
125 31.0 11.0 16.4#



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



#40

Benzo(g,h,i)perylene

Concen: 0.08 ng

RT: 24.40 min Scan# 3385

Delta R.T. -0.09 min

Lab File: BE091041.D

Acq: 23 Oct 2015 19:45

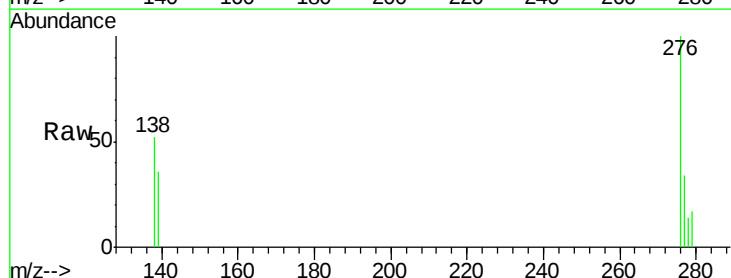
Tgt Ion:276 Resp: 2645

Ion Ratio Lower Upper

276 100

277 34.4 18.6 28.0#

138 52.2 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

