

Data Path : Z:\HPCHEM1\BNA E\DATA\BE091815\
 Data File : BE090901.D
 Acq On : 19 Sep 2015 8:05
 Operator : UM/IZ
 Sample : G3722-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 091615-D549-E-D-M

Quant Time: Sep 21 02:29:52 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	34049	5.00	ng	0.00
7) Naphthalene-d8	10.31	136	146025	5.00	ng	0.00
13) Acenaphthene-d10	14.17	164	79556	5.00	ng	0.00
19) Phenanthrene-d10	16.91	188	187585	5.00	ng	0.00
26) Chrysene-d12	21.07	240	242616	5.00	ng	0.00
33) Perylene-d12	23.35	264	239411	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.18	112	21274	2.76	ng	0.00
5) Phenol-d6	6.75	99	16724	1.58	ng	0.00
8) Nitrobenzene-d5	8.71	82	34753	3.45	ng	0.00
14) 2,4,6-Tribromophenol	15.68	330	20925	7.45	ng	-0.02
15) 2-Fluorobiphenyl	12.79	172	77828	3.45	ng	0.00
28) Terphenyl-d14	19.53	244	135657	4.94	ng	0.00

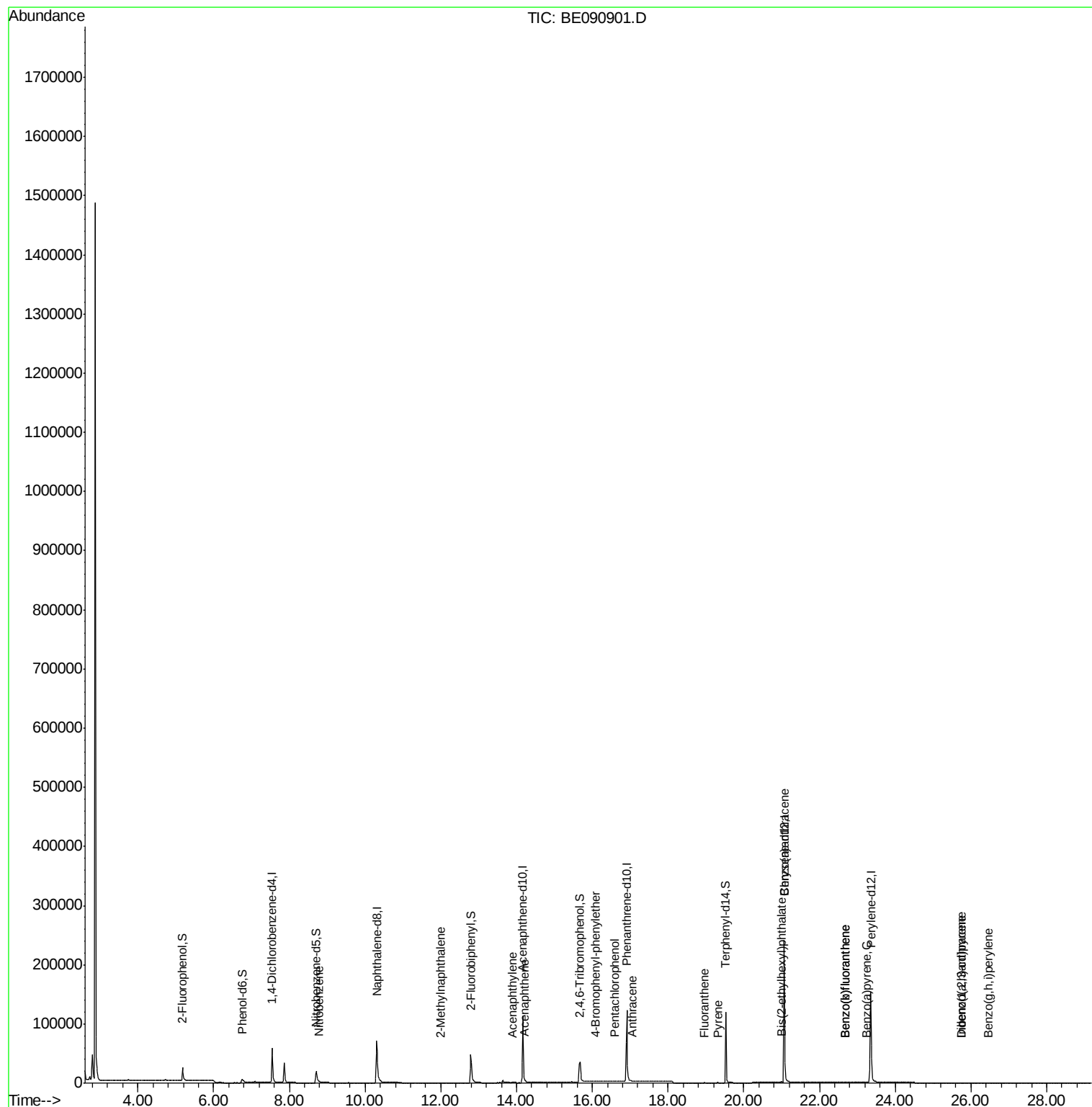
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.28	88	28	Below Cal	#	16
3) n-Nitrosodimethylamine	3.45	42	49	Below Cal	#	1
6) bis(2-Chloroethyl)ether	6.98	93	22	Below Cal	#	2
9) Nitrobenzene	8.78	77	9	0.00 ng	#	1
10) Naphthalene	10.35	128	851	Below Cal	#	56
11) Hexachlorobutadiene	10.64	225	9	Below Cal	#	18
12) 2-Methylnaphthalene	12.00	142	255	0.01 ng	#	76
16) Acenaphthylene	13.89	152	458	0.00 ng	#	83
17) Acenaphthene	14.23	154	65	0.00 ng	#	70
18) Fluorene	15.22	166	174	Below Cal	#	59
20) 4-Bromophenyl-phenylether	16.08	248	4	0.00 ng	#	1
21) Hexachlorobenzene	16.28	284	61	Below Cal	#	37
22) Pentachlorophenol	16.60	266	43	0.19 ng	#	56
23) Phenanthrene	16.95	178	667	Below Cal	#	81
24) Anthracene	17.05	178	224	0.01 ng	#	65
25) Fluoranthene	18.95	202	599	0.01 ng	#	92
27) Pyrene	19.32	202	650	0.01 ng	#	82
29) Benzo(a)anthracene	21.07	228	977	0.02 ng	#	77
30) Chrysene	21.10	228	429	Below Cal	#	60
31) Bis(2-ethylhexyl)phthalate	21.00	149	2418	0.25 ng	#	99
32) Indeno(1,2,3-cd)pyrene	25.74	276	101	0.00 ng	#	48
34) Benzo(b)fluoranthene	22.67	252	372	0.01 ng	#	1
35) Benzo(k)fluoranthene	22.67	252	372	0.01 ng	#	1
36) Benzo(a)pyrene	23.25	252	183	0.00 ng	#	1
37) Dibenzo(a,h)anthracene	25.76	278	9	0.00 ng	#	1
38) Benzo(g,h,i)perylene	26.46	276	103	0.00 ng	#	1

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

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QLast Update : Fri Sep 18 18:17:34 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.55 min Scan# 726

Delta R.T. -0.00 min

Lab File: BE090901.D

Acq: 19 Sep 2015 8:05

Instrument :

BNA_E

ClientSampleId :

091615-D549-E-D-M

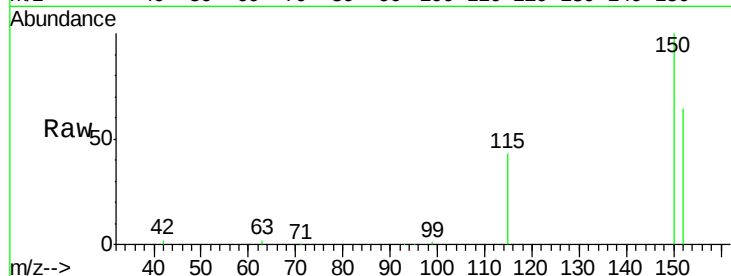
Tot Ion:152 Resp: 34049

Ion Ratio Lower Upper

152 100

150 156.7 122.2 183.4

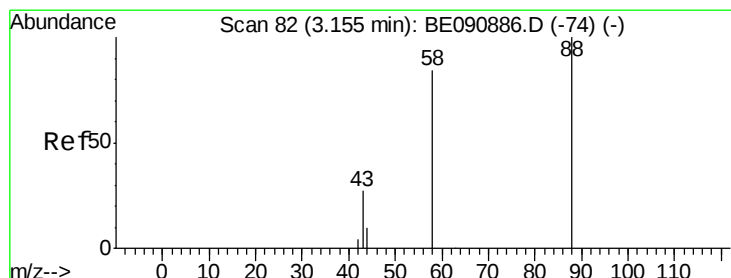
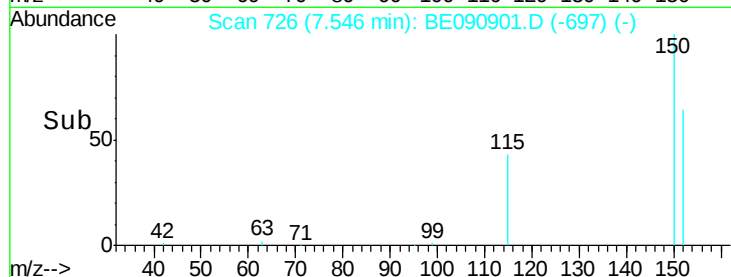
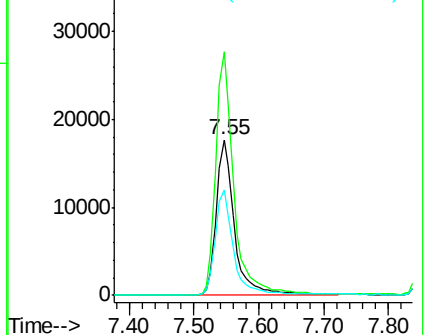
115 67.8 51.0 76.4



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: Below Cal

RT: 3.28 min Scan# 101

Delta R.T. 0.13 min

Lab File: BE090901.D

Acq: 19 Sep 2015 8:05

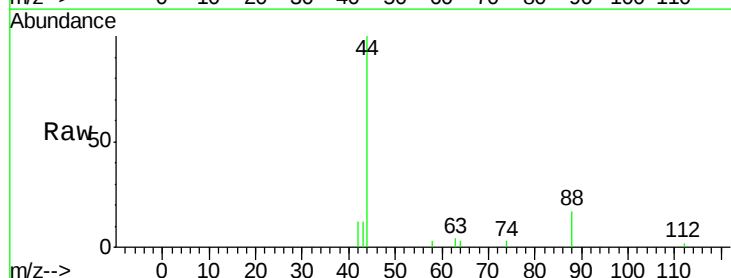
Tgt Ion: 88 Resp: 28

Ion Ratio Lower Upper

88 100

58 0.0 68.4 102.6#

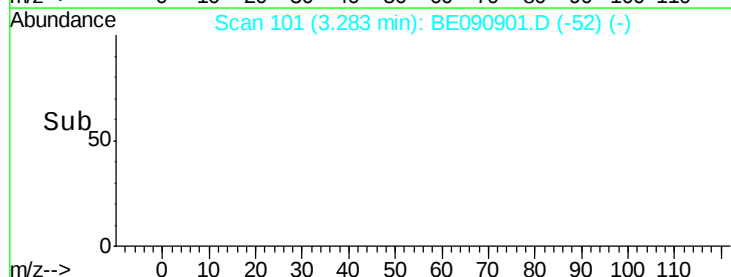
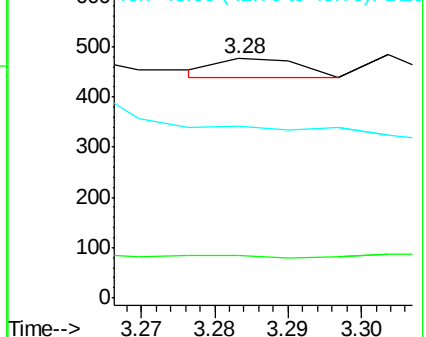
43 0.0 26.9 40.3#



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



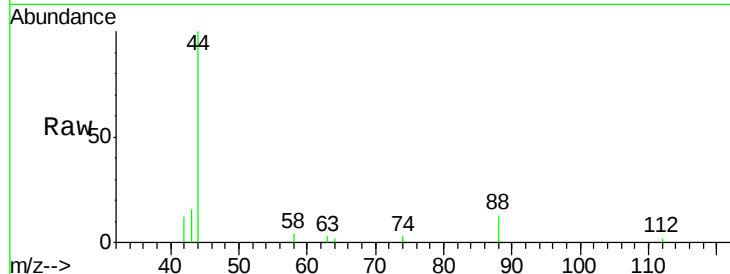


#3

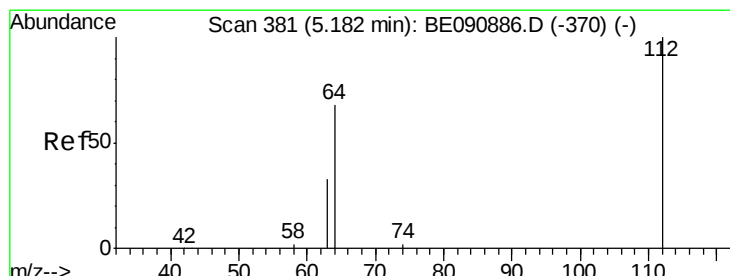
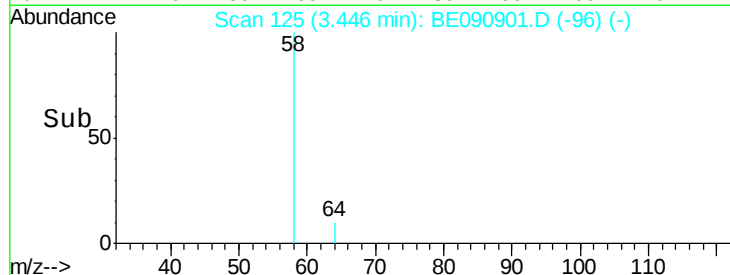
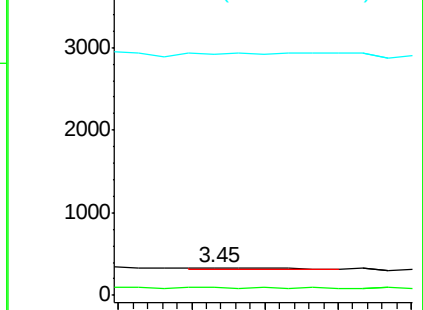
n-Nitrosodimethylamine
 Concen: Below Cal
 RT: 3.45 min Scan# 125
 Delta R.T. -0.01 min
 Lab File: BE090901.D
 Acq: 19 Sep 2015 8:05

Instrument :
 BNA_E
 ClientSampleId :
 091615-D549-E-D-M

Tot Ion	Ratio	Lower	Upper
42	100		
74	0.0	83.7	125.5#
44	124.5	10.0	15.0#



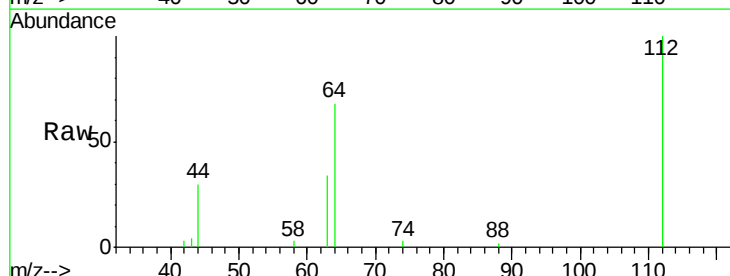
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



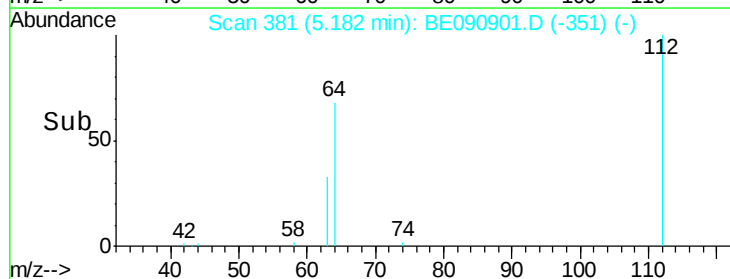
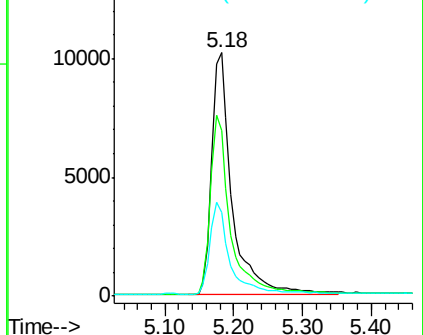
#4

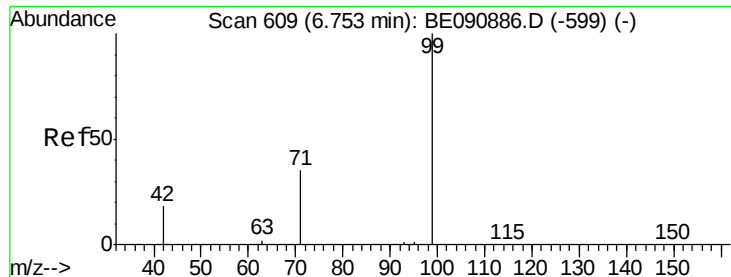
2-Fluorophenol
 Concen: 2.76 ng
 RT: 5.18 min Scan# 381
 Delta R.T. 0.00 min
 Lab File: BE090901.D
 Acq: 19 Sep 2015 8:05

Tgt Ion	Ratio	Lower	Upper
112	100		
64	72.2	57.3	85.9
63	37.1	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: 1.58 ng

RT: 6.75 min Scan# 608

Delta R.T. -0.01 min

Lab File: BE090901.D

Acq: 19 Sep 2015 8:05

Instrument :

BNA_E

ClientSampleId :

091615-D549-E-D-M

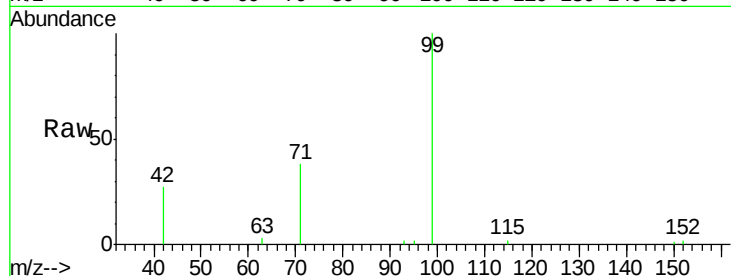
Tot Ion: 99 Resp: 16724

Ion Ratio Lower Upper

99 100

42 21.8 16.8 25.2

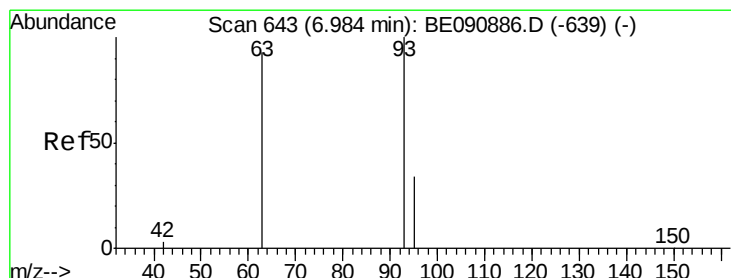
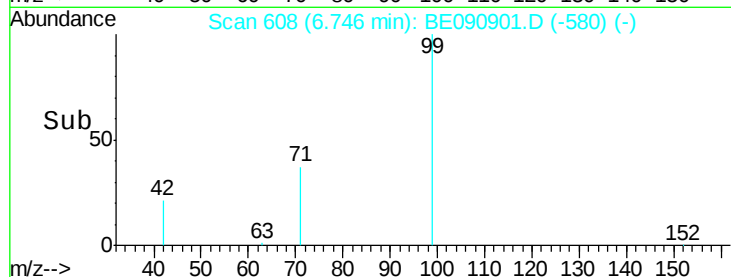
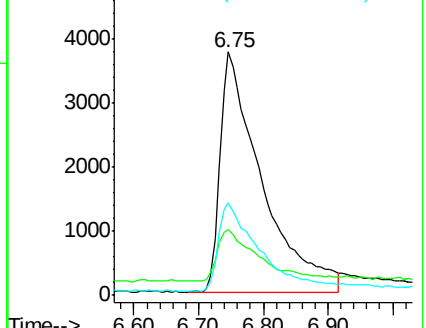
71 36.9 28.3 42.5



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: Below Cal

RT: 6.98 min Scan# 642

Delta R.T. -0.01 min

Lab File: BE090901.D

Acq: 19 Sep 2015 8:05

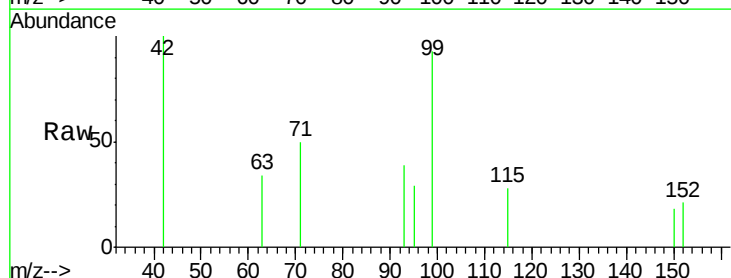
Tgt Ion: 93 Resp: 22

Ion Ratio Lower Upper

93 100

63 0.0 68.5 102.7#

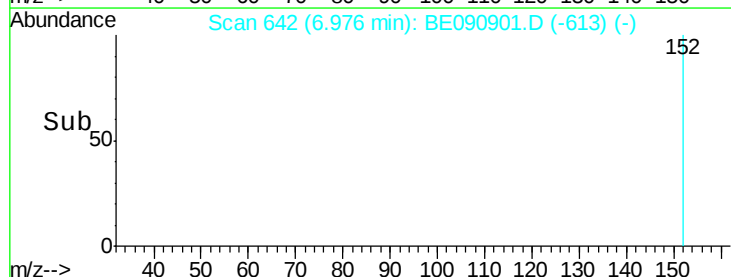
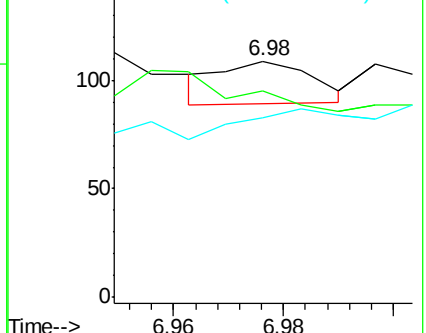
95 95.5 26.9 40.3#

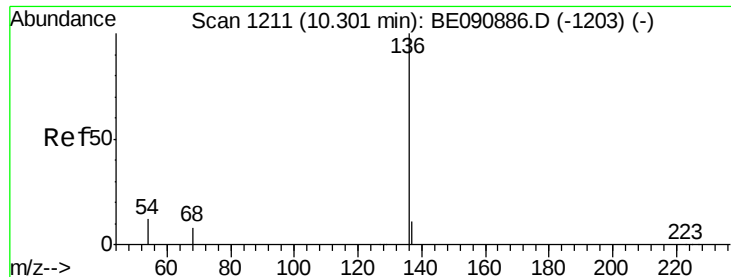


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.31 min Scan# 1212

Delta R.T. 0.01 min

Lab File: BE090901.D

Acq: 19 Sep 2015 8:05

Instrument :

BNA_E

ClientSampleId :

091615-D549-E-D-M

Tot Ion:136 Resp: 146025

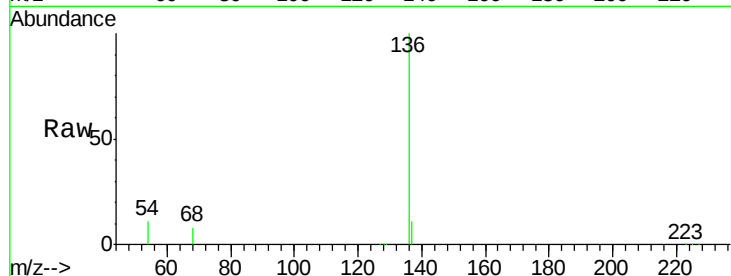
Ion Ratio Lower Upper

136 100

137 10.8 8.7 13.1

54 10.6 9.0 13.6

68 8.0 6.3 9.5

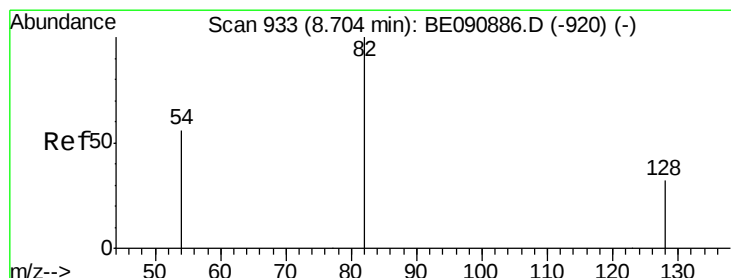
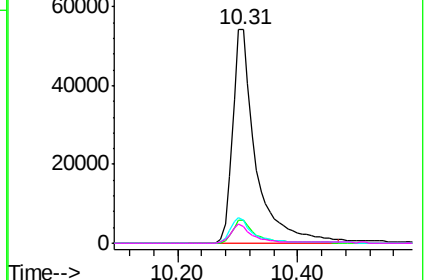
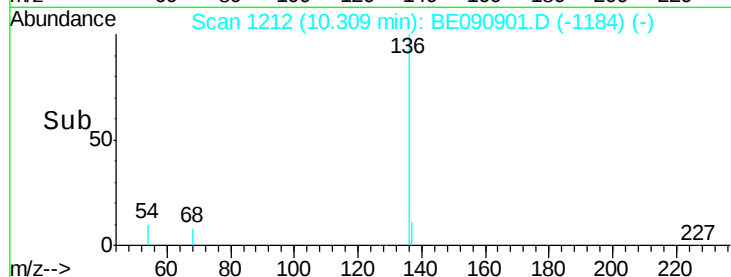


Abundance Ion 136.00 (135.70 to 136.70): E

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: 3.45 ng

RT: 8.71 min Scan# 934

Delta R.T. 0.00 min

Lab File: BE090901.D

Acq: 19 Sep 2015 8:05

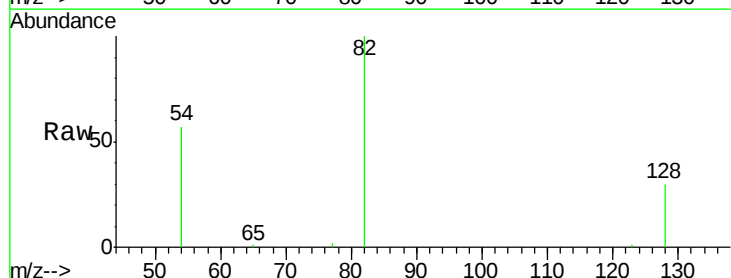
Tgt Ion: 82 Resp: 34753

Ion Ratio Lower Upper

82 100

128 30.2 25.0 37.4

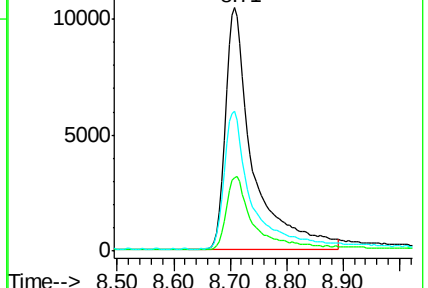
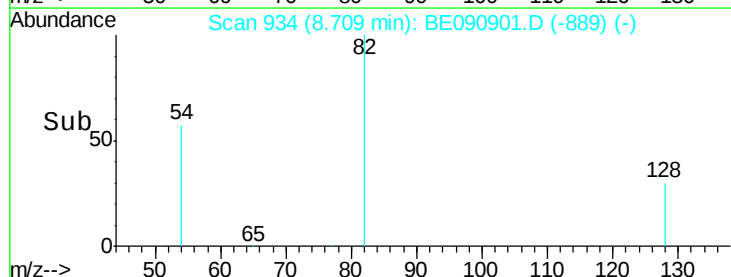
54 57.5 46.3 69.5

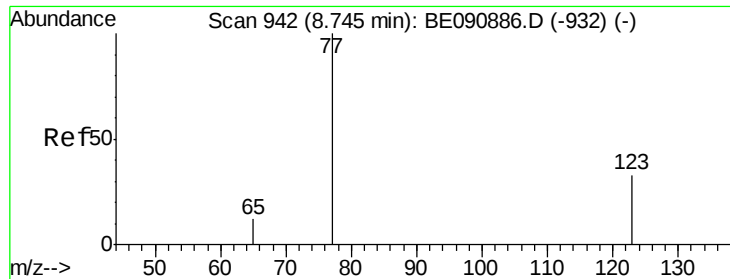


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Nitrobenzene

Concen: 0.00 ng

RT: 8.78 min Scan# 949

Delta R.T. 0.03 min

Lab File: BE090901.D

Acq: 19 Sep 2015 8:05

Instrument :

BNA_E

ClientSampleId :

091615-D549-E-D-M

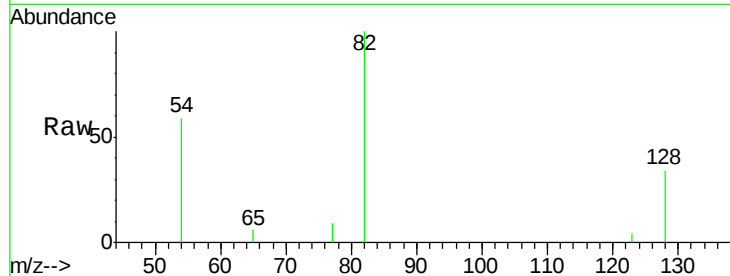
Tot Ion: 77 Resp: 9

Ion Ratio Lower Upper

77 100

123 77.8 25.1 37.7#

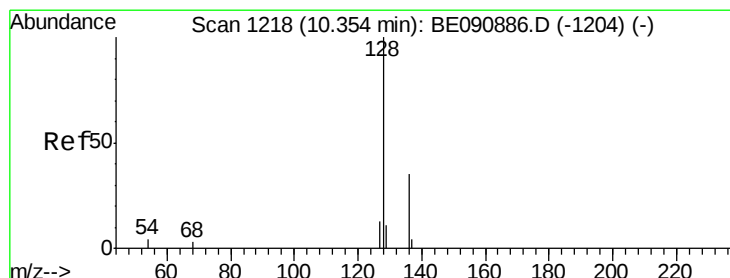
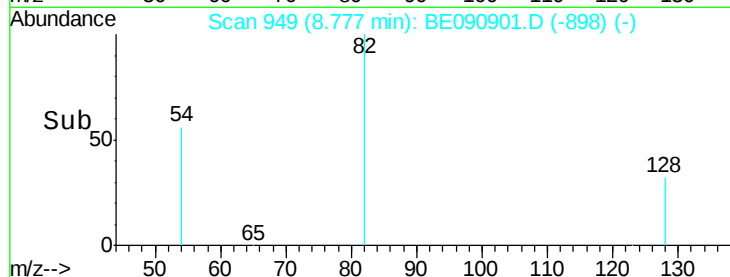
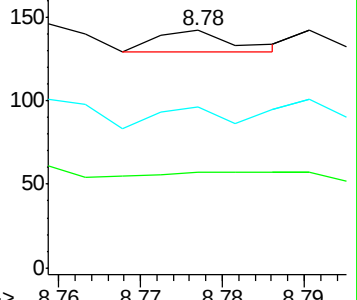
65 77.8 9.9 14.9#



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: Below Cal

RT: 10.35 min Scan# 1218

Delta R.T. 0.00 min

Lab File: BE090901.D

Acq: 19 Sep 2015 8:05

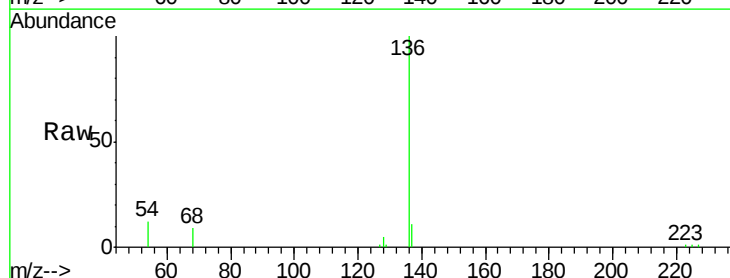
Tgt Ion: 128 Resp: 851

Ion Ratio Lower Upper

128 100

129 27.1 8.4 12.6#

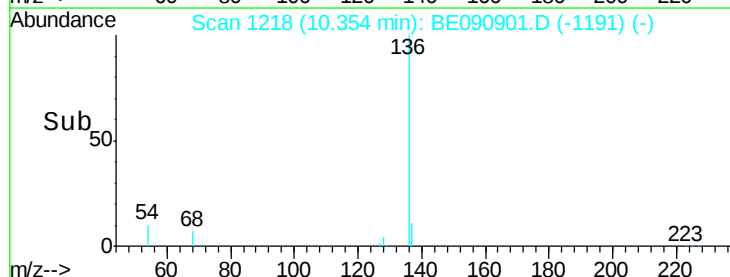
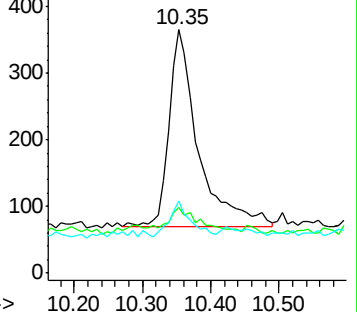
127 29.6 9.9 14.9#

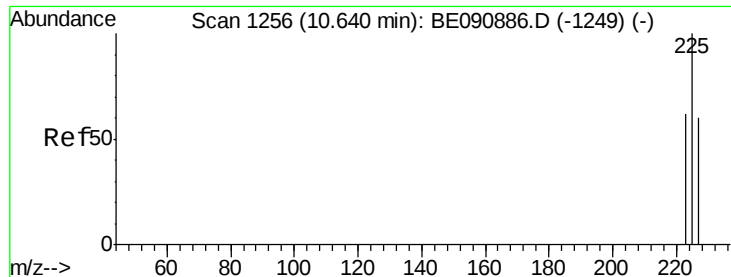


Abundance Ion 128.00 (127.70 to 128.70): BE090886.D (-1204) (-)

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

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

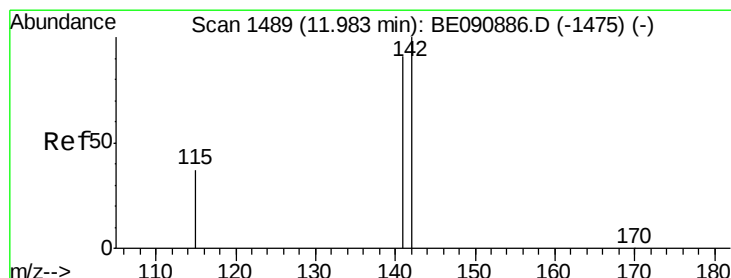
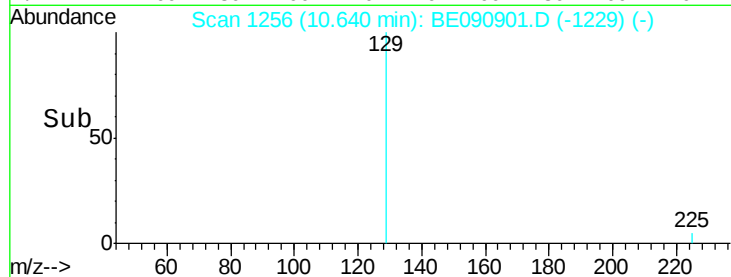
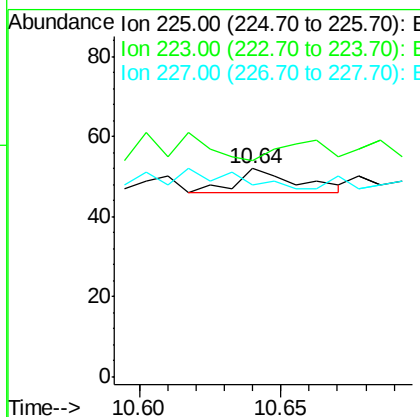
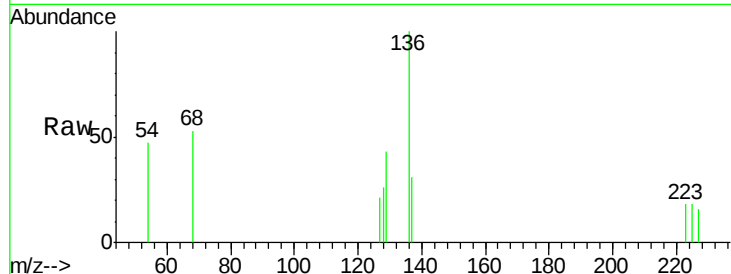




#11
Hexachlorobutadiene
Concen: Below Cal
RT: 10.64 min Scan# 1256
Delta R.T. 0.00 min
Lab File: BE090901.D
Acq: 19 Sep 2015 8:05

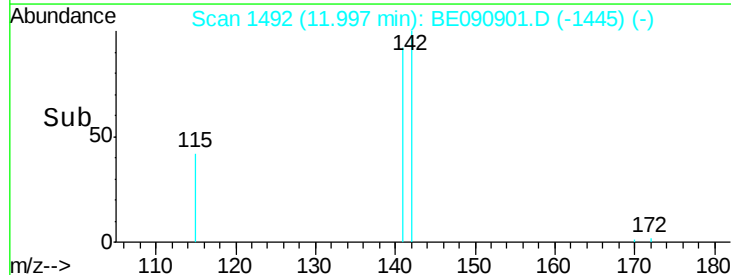
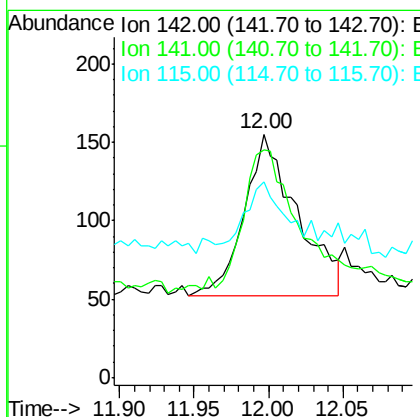
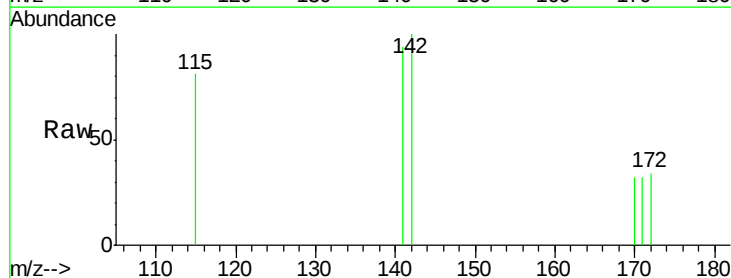
Instrument :
BNA_E
ClientSampleId :
091615-D549-E-D-M

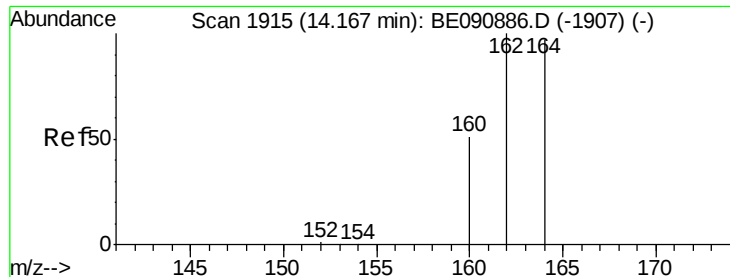
Tot Ion: 225 Resp: 9
Ion Ratio Lower Upper
225 100
223 0.0 50.6 76.0#
227 0.0 51.0 76.6#



#12
2-Methylnaphthalene
Concen: 0.01 ng
RT: 12.00 min Scan# 1492
Delta R.T. 0.01 min
Lab File: BE090901.D
Acq: 19 Sep 2015 8:05

Tgt Ion: 142 Resp: 255
Ion Ratio Lower Upper
142 100
141 93.5 71.4 107.2
115 80.6 31.0 46.4#





#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.17 min Scan# 1915

Delta R.T. -0.00 min

Lab File: BE090901.D

Acq: 19 Sep 2015 8:05

Instrument :

BNA_E

ClientSampleId :

091615-D549-E-D-M

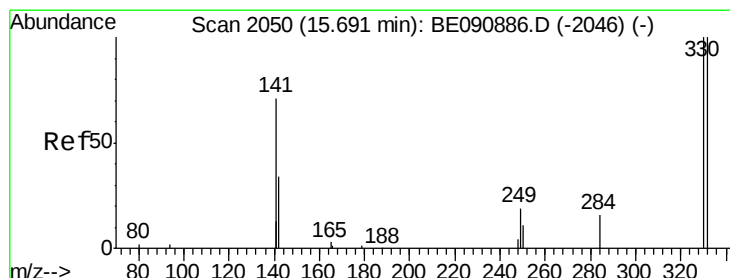
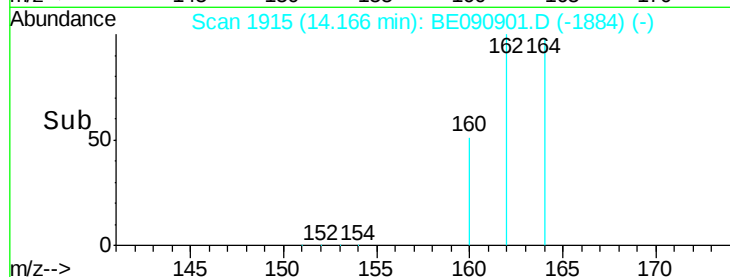
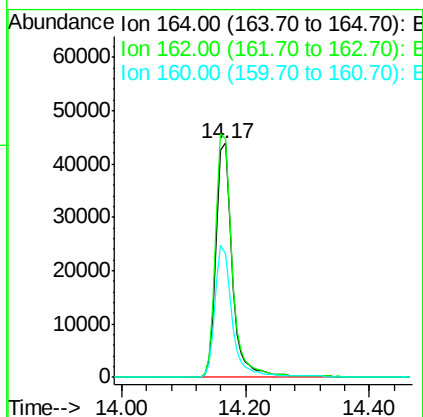
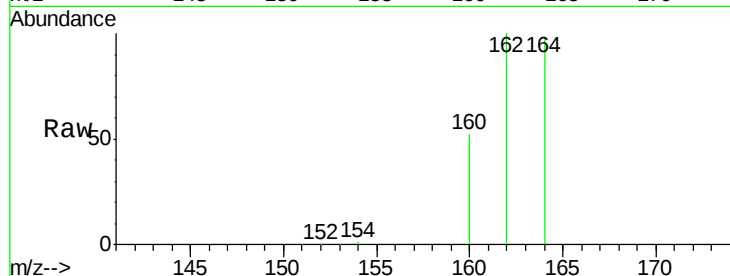
Tot Ion:164 Resp: 79556

Ion Ratio Lower Upper

164 100

162 102.0 86.8 130.2

160 52.5 53.9 80.9#



#14

2,4,6-Tribromophenol

Concen: 7.45 ng

RT: 15.68 min Scan# 2050

Delta R.T. -0.02 min

Lab File: BE090901.D

Acq: 19 Sep 2015 8:05

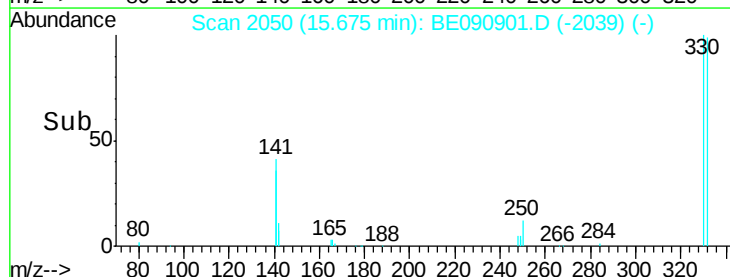
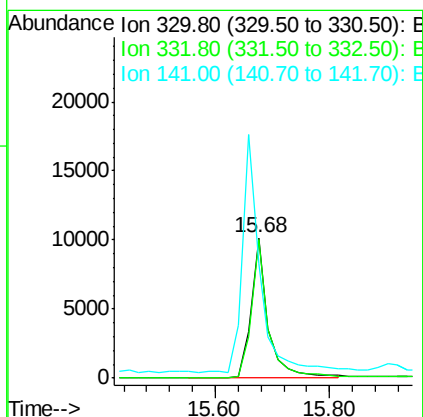
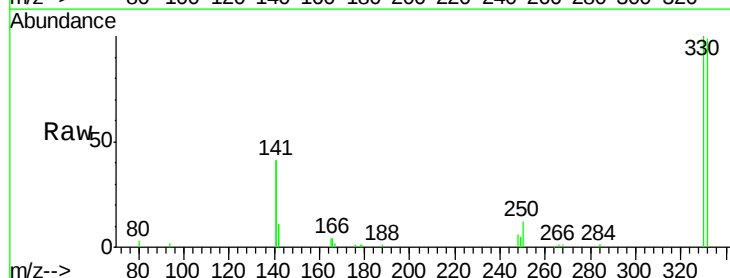
Tgt Ion:330 Resp: 20925

Ion Ratio Lower Upper

330 100

332 97.0 74.9 112.3

141 176.2 145.2 217.8

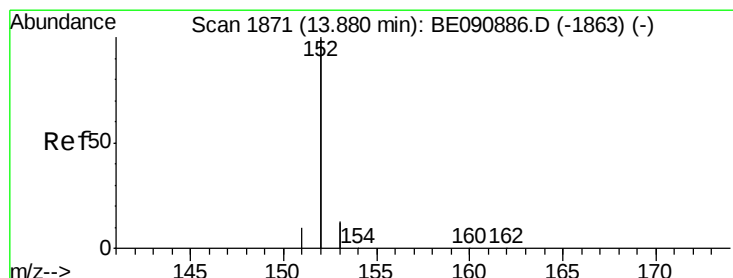
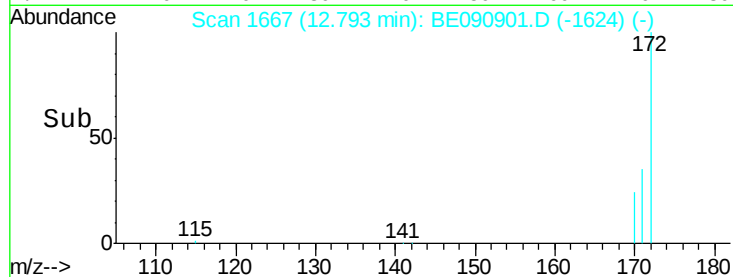
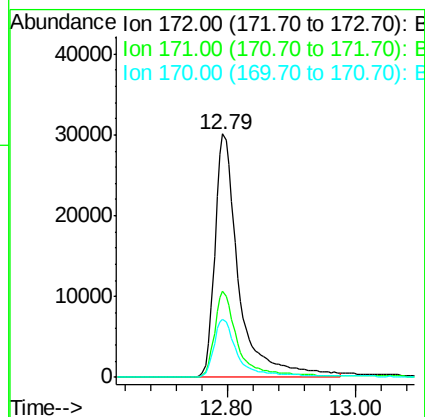
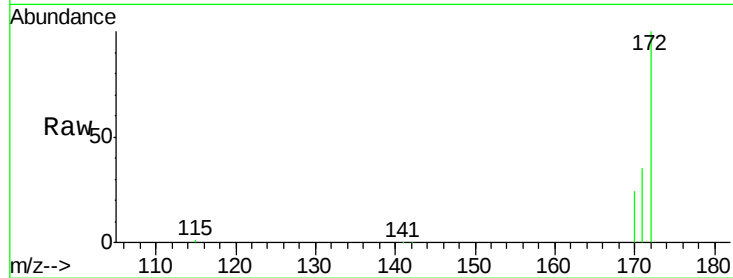




#15
2-Fluorobiphenyl
Concen: 3.45 ng
RT: 12.79 min Scan# 1667
Delta R.T. -0.00 min
Lab File: BE090901.D
Acq: 19 Sep 2015 8:05

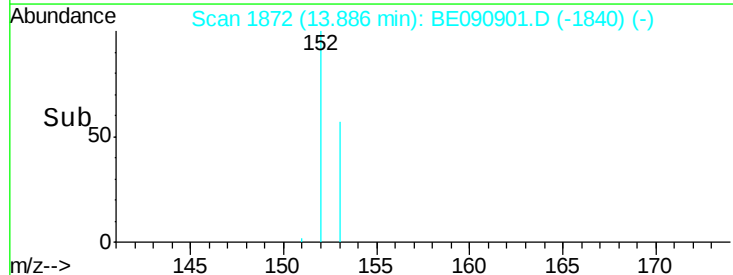
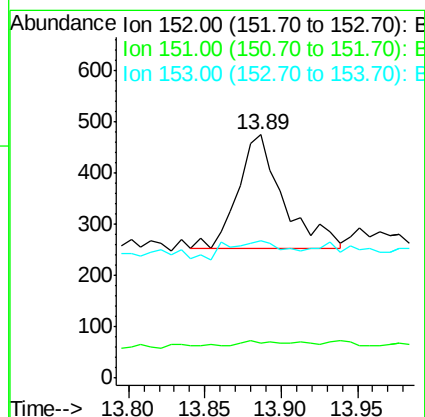
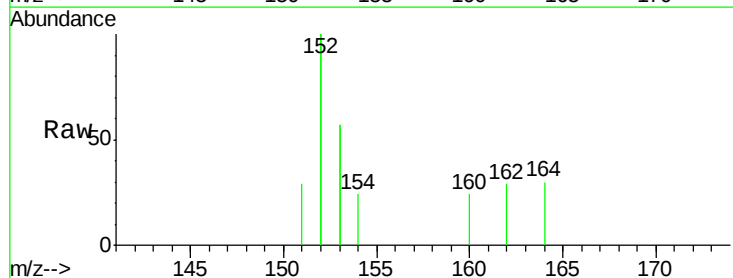
Instrument :
BNA_E
ClientSampleId :
091615-D549-E-D-M

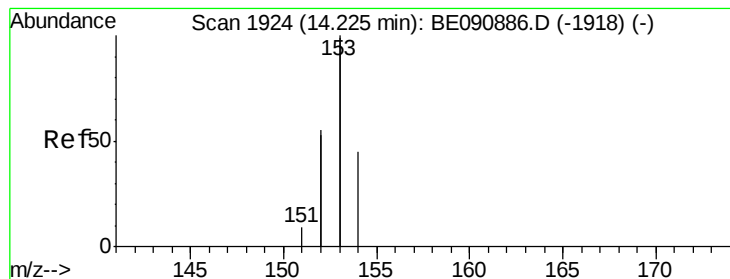
Tot Ion:172 Resp: 77828
Ion Ratio Lower Upper
172 100
171 35.4 27.8 41.8
170 24.0 19.8 29.6



#16
Acenaphthylene
Concen: 0.00 ng
RT: 13.89 min Scan# 1872
Delta R.T. 0.01 min
Lab File: BE090901.D
Acq: 19 Sep 2015 8:05

Tgt Ion:152 Resp: 458
Ion Ratio Lower Upper
152 100
151 3.1 3.9 5.9#
153 21.6 10.3 15.5#





#17

Acenaphthene

Concen: 0.00 ng

RT: 14.23 min Scan# 1924

Delta R.T. -0.00 min

Lab File: BE090901.D

Acq: 19 Sep 2015 8:05

Instrument :

BNA_E

ClientSampleId :

091615-D549-E-D-M

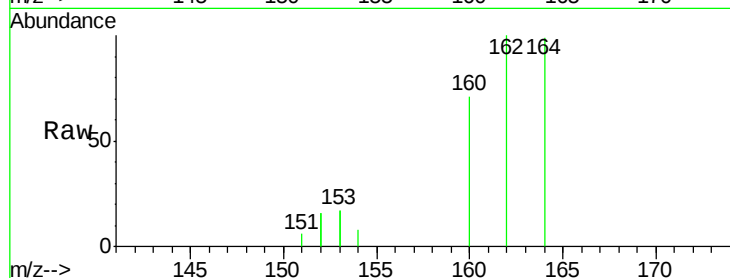
Tot Ion:154 Resp: 65

Ion Ratio Lower Upper

154 100

153 553.8 354.5 531.7#

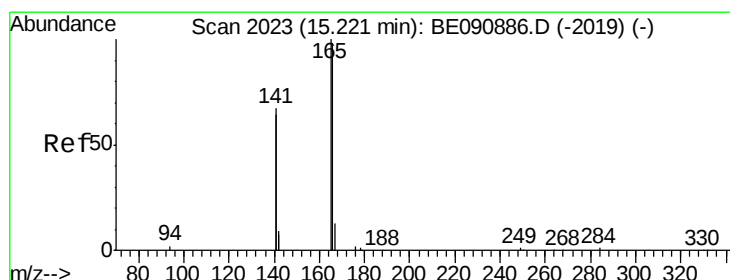
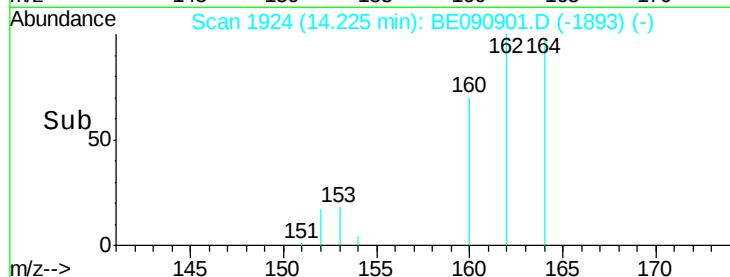
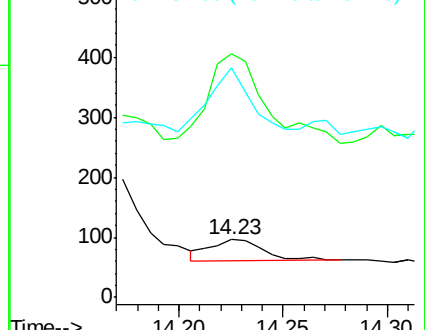
152 300.0 227.8 341.6



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



#18

Fluorene

Concen: Below Cal

RT: 15.22 min Scan# 2024

Delta R.T. 0.00 min

Lab File: BE090901.D

Acq: 19 Sep 2015 8:05

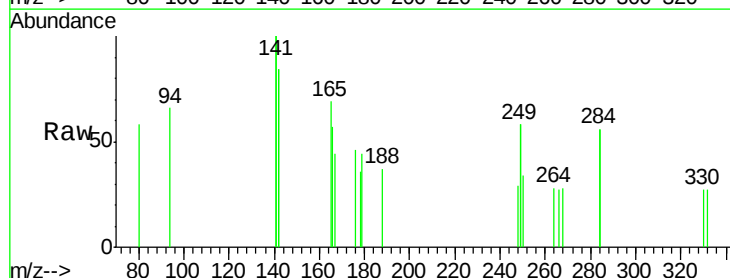
Tgt Ion:166 Resp: 174

Ion Ratio Lower Upper

166 100

165 69.0 82.7 124.1#

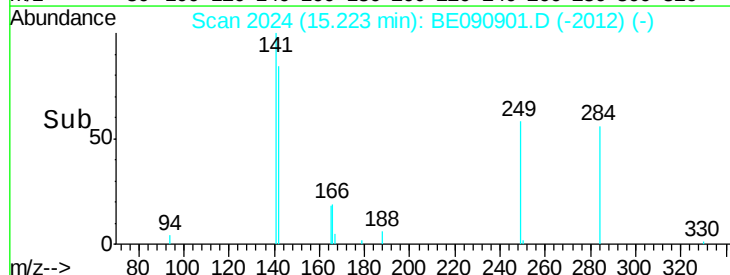
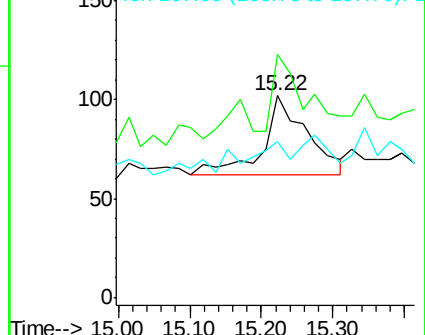
167 51.1 10.7 16.1#

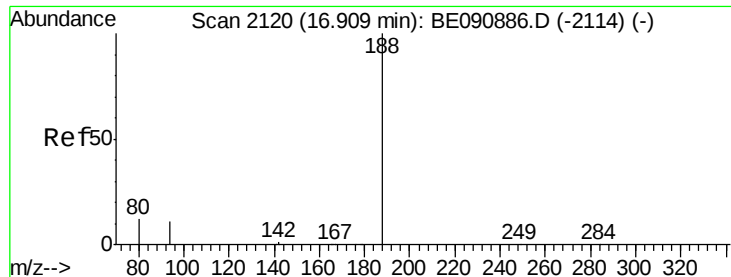


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.91 min Scan# 2121

Delta R.T. 0.00 min

Lab File: BE090901.D

Acq: 19 Sep 2015 8:05

Instrument :

BNA_E

ClientSampleId :

091615-D549-E-D-M

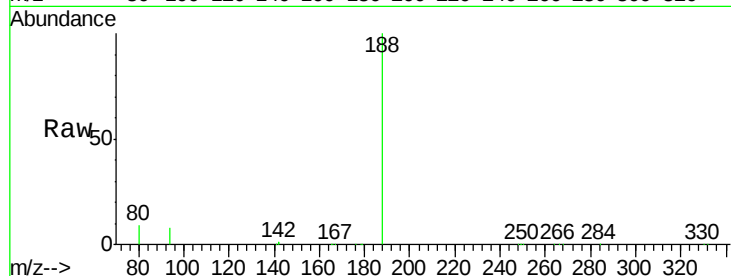
Tot Ion:188 Resp: 187585

Ion Ratio Lower Upper

188 100

94 8.2 10.3 15.5#

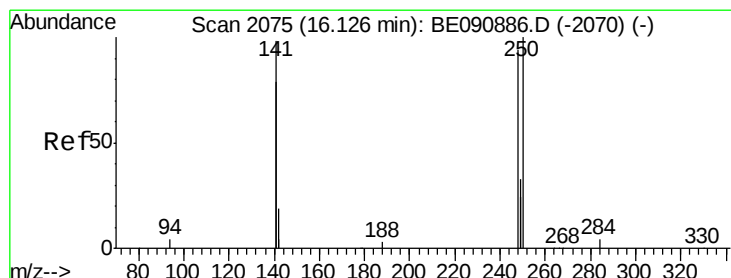
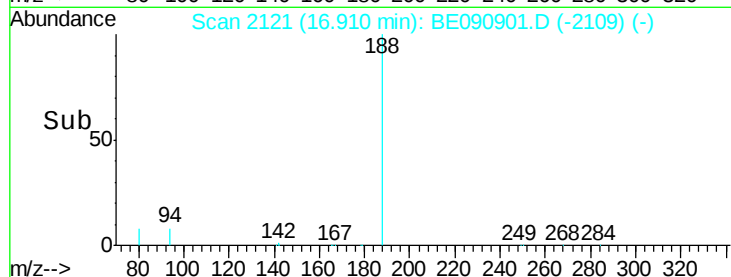
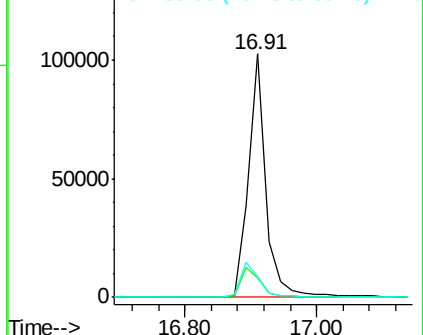
80 8.6 11.0 16.6#



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



#20

4-Bromophenyl-phenylether

Concen: 0.00 ng

RT: 16.08 min Scan# 2073

Delta R.T. -0.05 min

Lab File: BE090901.D

Acq: 19 Sep 2015 8:05

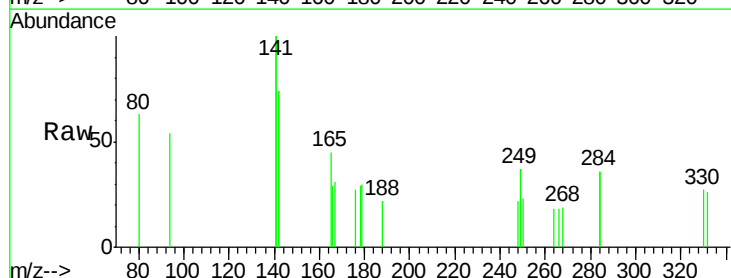
Tgt Ion:248 Resp: 4

Ion Ratio Lower Upper

248 100

250 0.0 76.7 115.1#

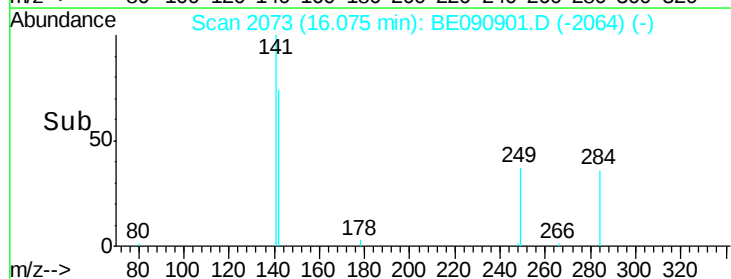
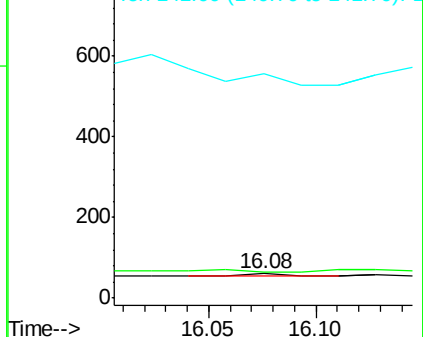
141 0.0 292.6 439.0#



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: Below Cal

RT: 16.28 min Scan# 2085

Delta R.T. 0.05 min

Lab File: BE090901.D

Acq: 19 Sep 2015 8:05

Instrument :

BNA_E

ClientSampleId :

091615-D549-E-D-M

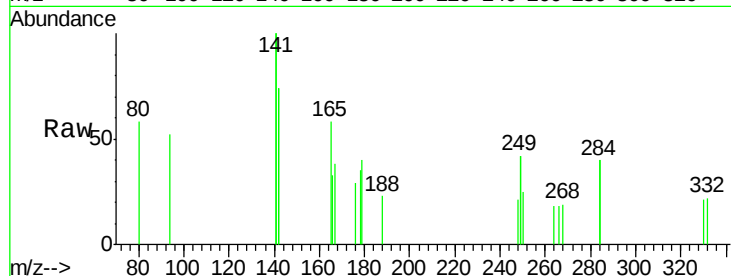
Tot Ion:284 Resp: 61

Ion Ratio Lower Upper

284 100

142 0.0 35.0 52.4#

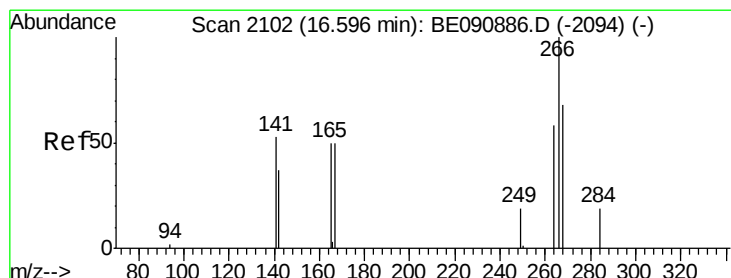
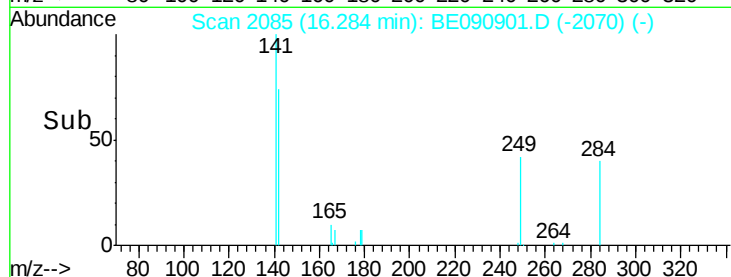
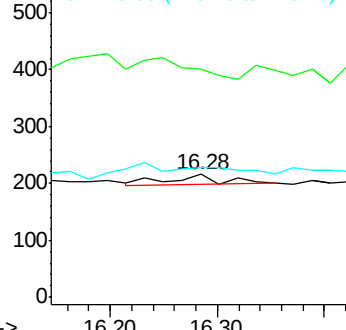
249 0.0 25.5 38.3#



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: 0.19 ng

RT: 16.60 min Scan# 2103

Delta R.T. 0.00 min

Lab File: BE090901.D

Acq: 19 Sep 2015 8:05

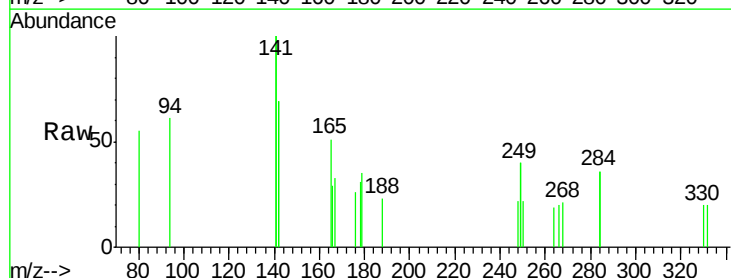
Tgt Ion:266 Resp: 43

Ion Ratio Lower Upper

266 100

268 101.8 49.6 74.4#

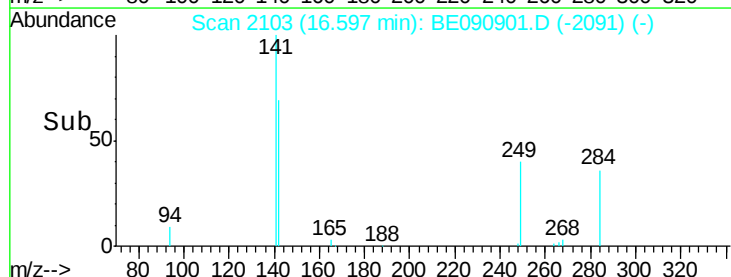
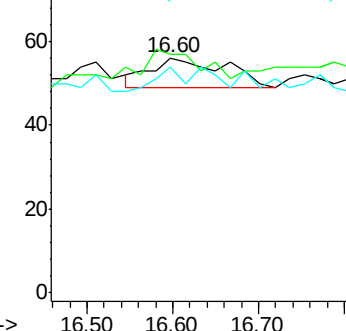
264 96.4 53.9 80.9#

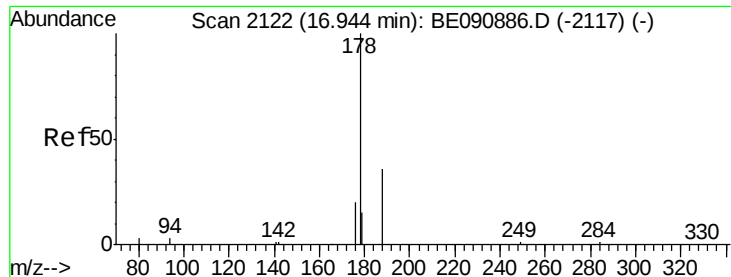


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#23

Phenanthrene

Concen: Below Cal

RT: 16.95 min Scan# 2123

Delta R.T. 0.00 min

Lab File: BE090901.D

Acq: 19 Sep 2015 8:05

Instrument :

BNA_E

ClientSampleId :

091615-D549-E-D-M

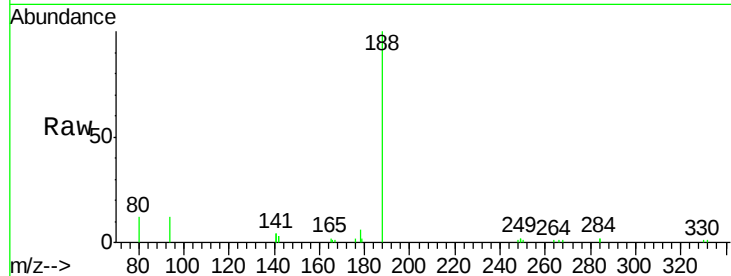
Tot Ion:178 Resp: 667

Ion Ratio Lower Upper

178 100

176 21.4 15.6 23.4

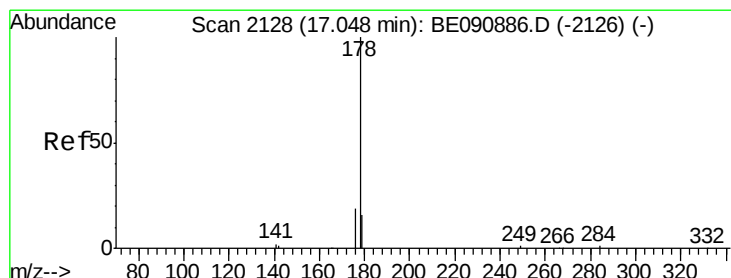
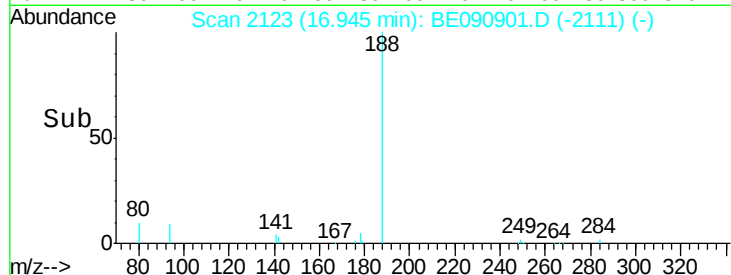
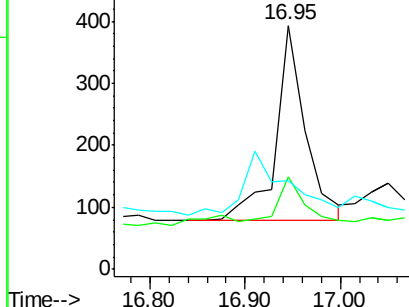
179 0.0 12.8 19.2#



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



#24

Anthracene

Concen: 0.01 ng

RT: 17.05 min Scan# 2129

Delta R.T. 0.00 min

Lab File: BE090901.D

Acq: 19 Sep 2015 8:05

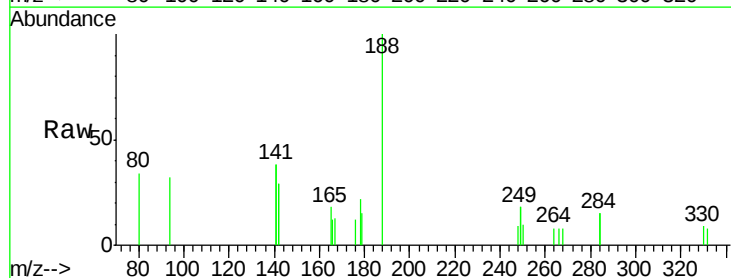
Tgt Ion:178 Resp: 224

Ion Ratio Lower Upper

178 100

176 33.9 15.0 22.6#

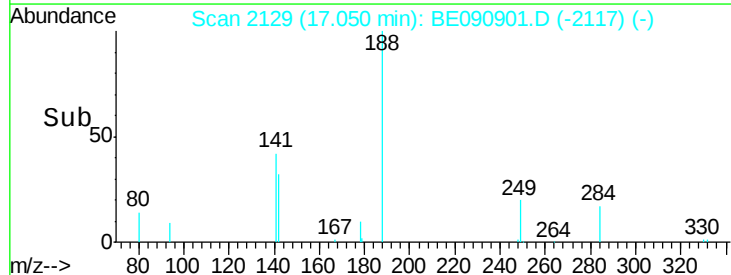
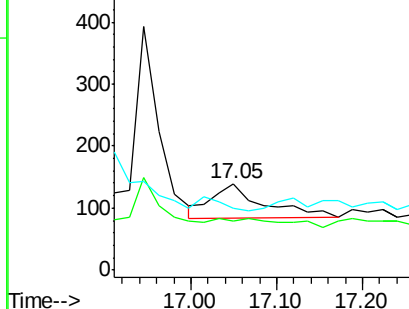
179 0.0 12.3 18.5#

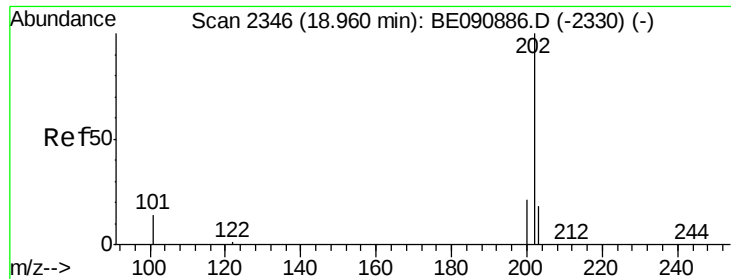


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene

Concen: 0.01 ng

RT: 18.95 min Scan# 2346

Delta R.T. -0.01 min

Lab File: BE090901.D

Acq: 19 Sep 2015 8:05

Instrument :

BNA_E

ClientSampleId :

091615-D549-E-D-M

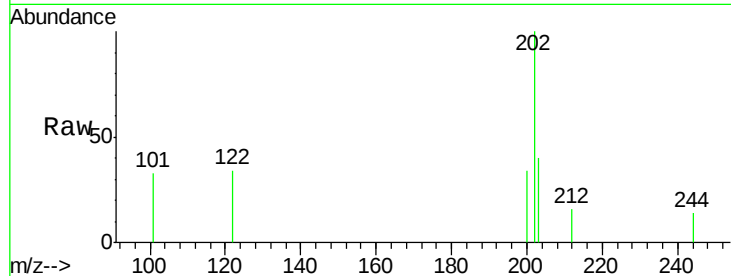
Tot Ion:202 Resp: 599

Ion Ratio Lower Upper

202 100

101 18.5 11.0 16.6#

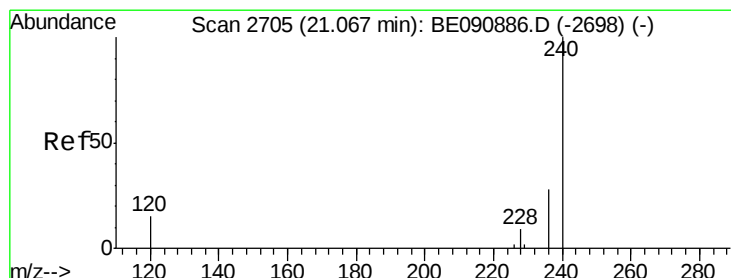
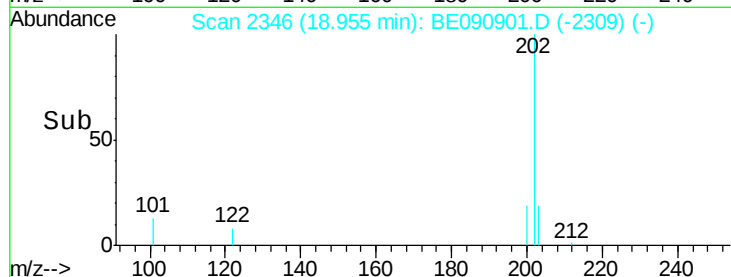
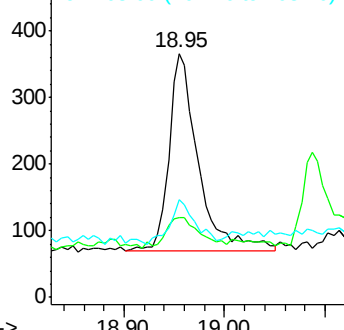
203 19.5 13.9 20.9



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: BE090901.D

Acq: 19 Sep 2015 8:05

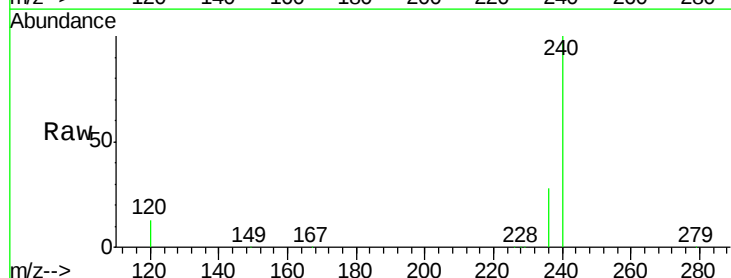
Tgt Ion:240 Resp: 242616

Ion Ratio Lower Upper

240 100

120 13.3 10.1 15.1

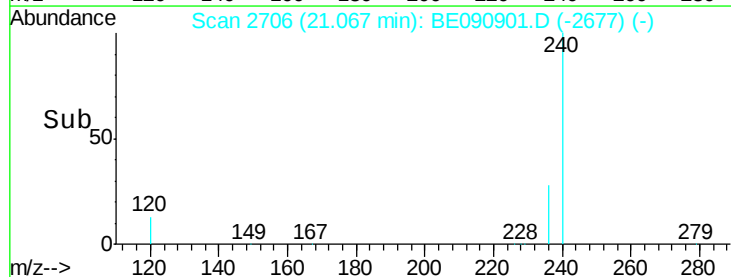
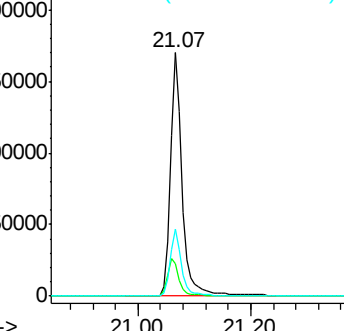
236 27.7 21.9 32.9

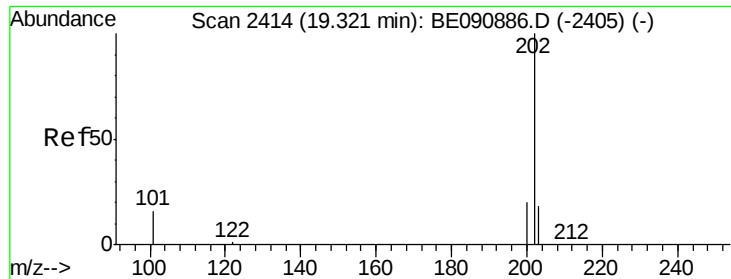


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

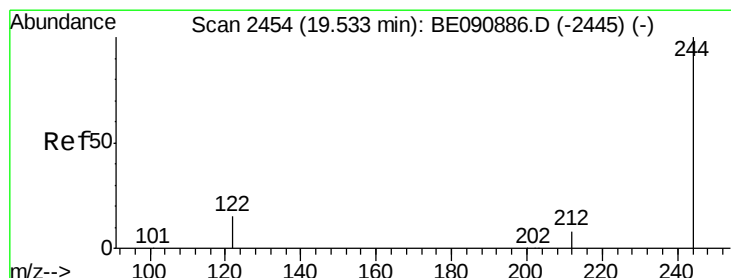
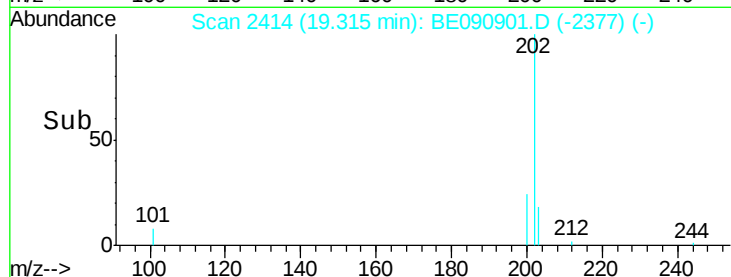
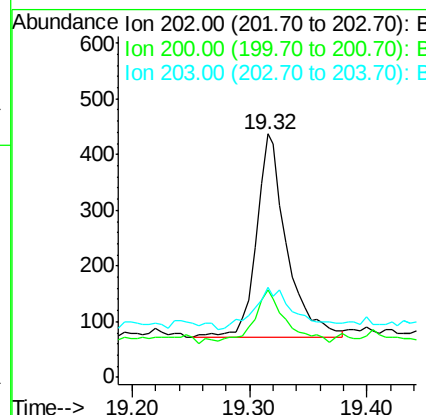
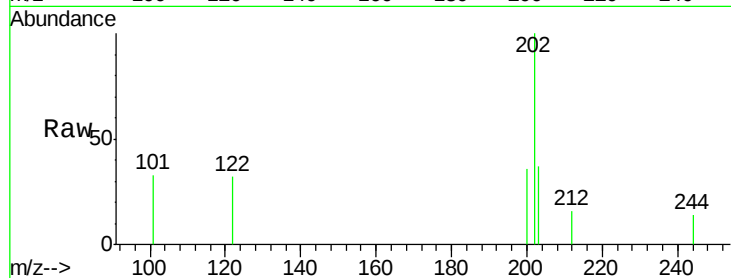




#27
Pvrene
Concen: 0.01 ng
RT: 19.32 min Scan# 2414
Delta R.T. -0.01 min
Lab File: BE090901.D
Acq: 19 Sep 2015 8:05

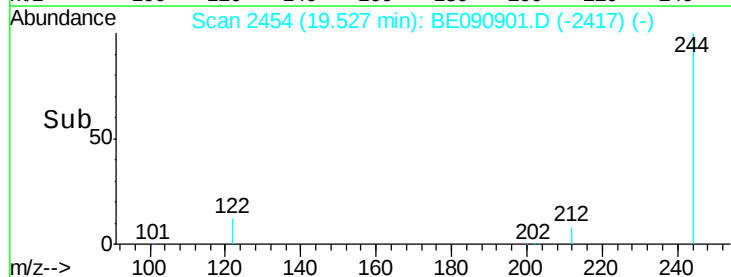
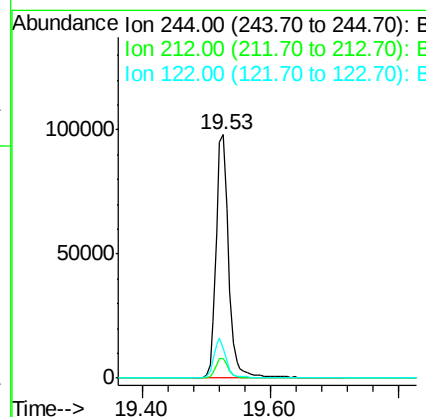
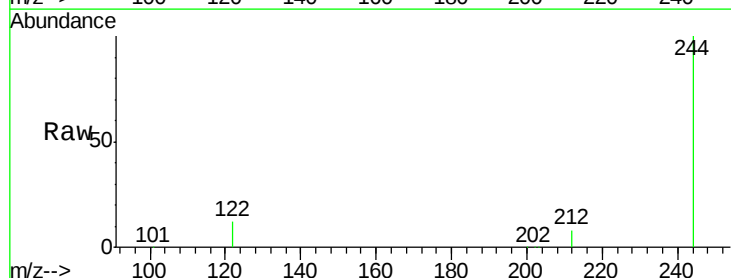
Instrument :
BNA_E
ClientSampleId :
091615-D549-E-D-M

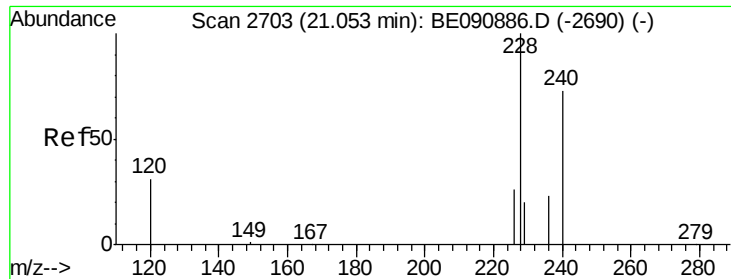
Tot Ion:202 Resp: 650
Ion Ratio Lower Upper
202 100
200 26.6 16.7 25.1#
203 28.3 13.8 20.6#



#28
Terphenyl-d14
Concen: 4.94 ng
RT: 19.53 min Scan# 2454
Delta R.T. -0.00 min
Lab File: BE090901.D
Acq: 19 Sep 2015 8:05

Tgt Ion:244 Resp: 135657
Ion Ratio Lower Upper
244 100
212 7.9 6.9 10.3
122 12.5 12.9 19.3#





#29

Benzo(a)anthracene

Concen: 0.02 ng

RT: 21.07 min Scan# 2706

Delta R.T. 0.01 min

Lab File: BE090901.D

Acq: 19 Sep 2015 8:05

Instrument :

BNA_E

ClientSampleId :

091615-D549-E-D-M

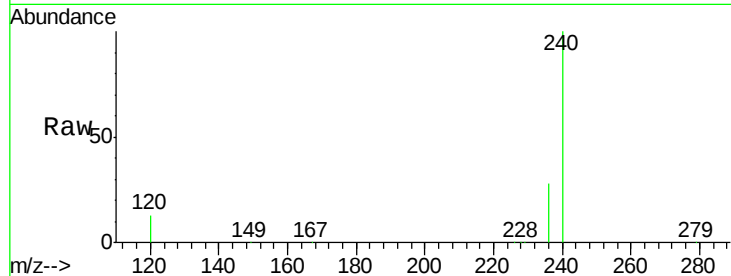
Tot Ion:228 Resp: 977

Ion Ratio Lower Upper

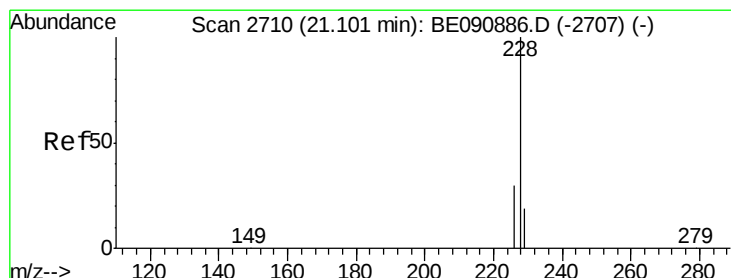
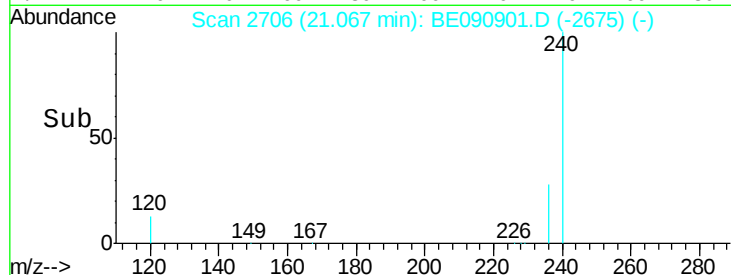
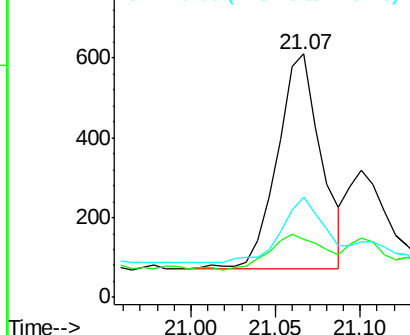
228 100

226 24.1 21.6 32.4

229 41.2 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: Below Cal

RT: 21.10 min Scan# 2711

Delta R.T. 0.00 min

Lab File: BE090901.D

Acq: 19 Sep 2015 8:05

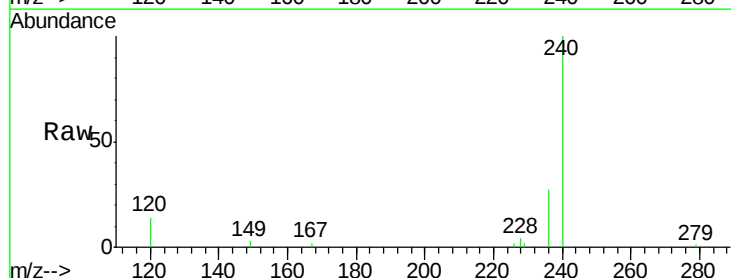
Tgt Ion:228 Resp: 429

Ion Ratio Lower Upper

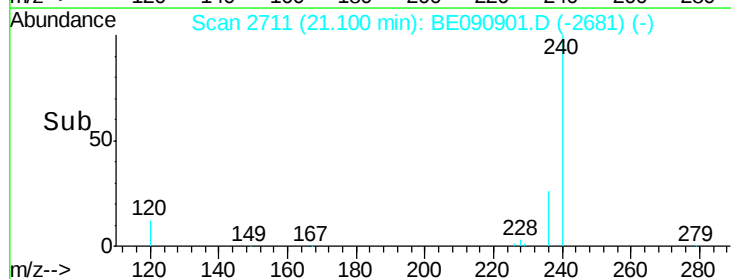
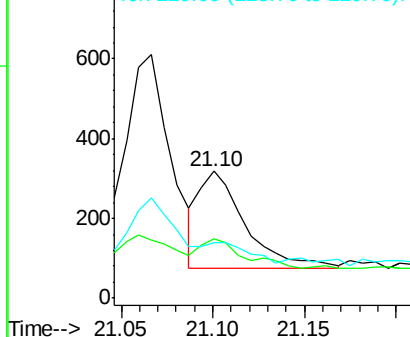
228 100

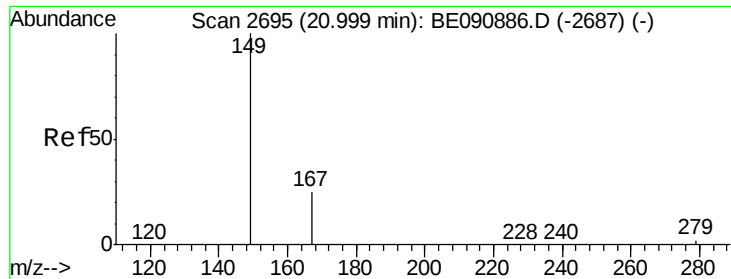
226 46.9 24.2 36.4#

229 43.7 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: 0.25 ng

RT: 21.00 min Scan# 2696

Delta R.T. -0.00 min

Lab File: BE090901.D

Acq: 19 Sep 2015 8:05

Instrument :

BNA_E

ClientSampleId :

091615-D549-E-D-M

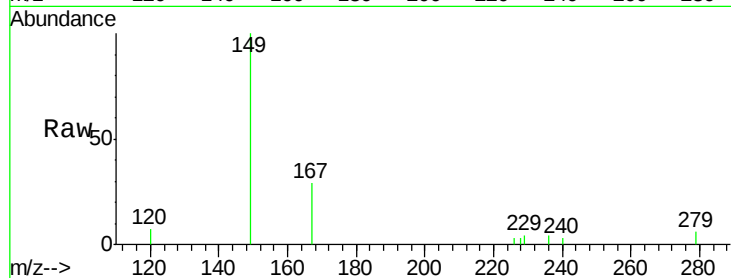
Tot Ion:149 Resp: 2418

Ion Ratio Lower Upper

149 100

167 25.6 20.1 30.1

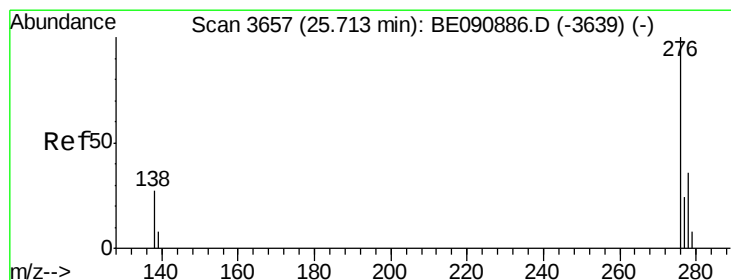
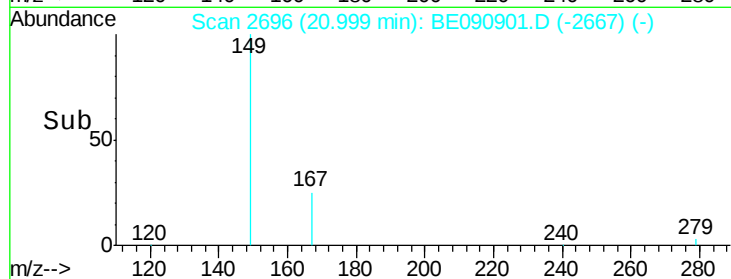
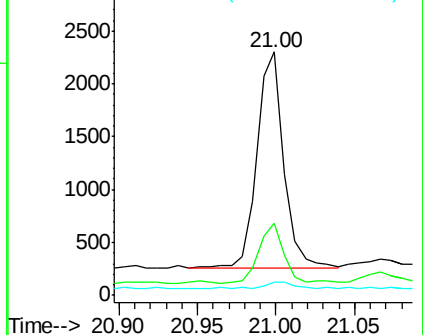
279 3.5 2.3 3.5#



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



#32

Indeno(1,2,3-cd)pyrene

Concen: 0.00 ng

RT: 25.74 min Scan# 3664

Delta R.T. 0.03 min

Lab File: BE090901.D

Acq: 19 Sep 2015 8:05

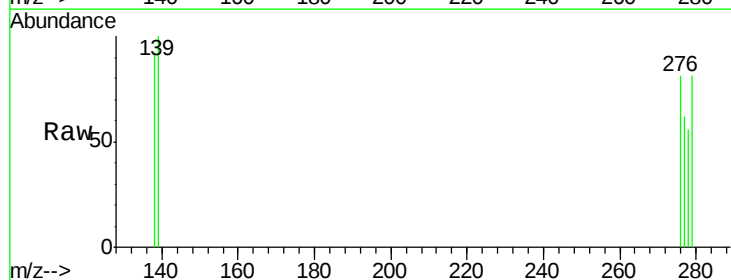
Tgt Ion:276 Resp: 101

Ion Ratio Lower Upper

276 100

138 0.0 23.3 34.9#

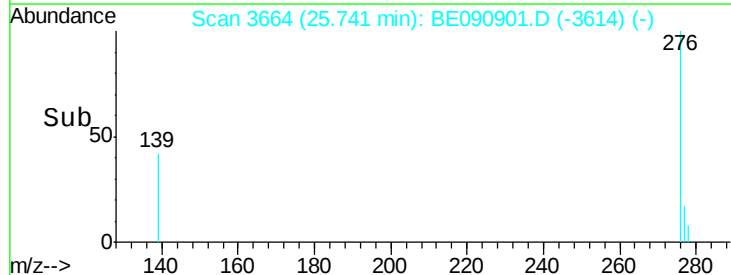
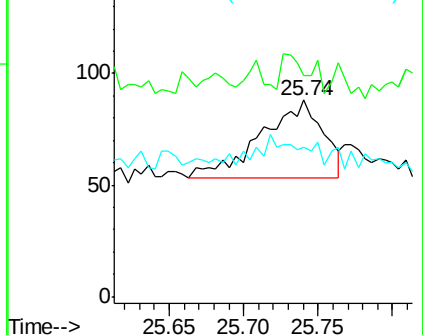
277 0.0 19.8 29.6#

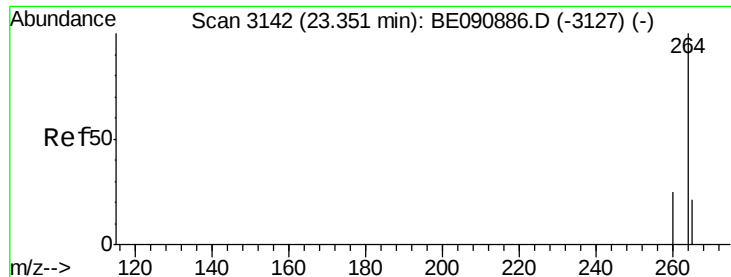


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

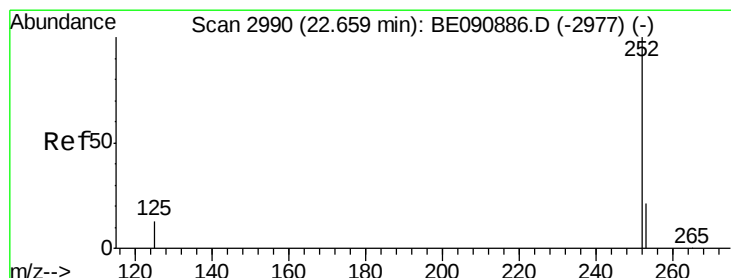
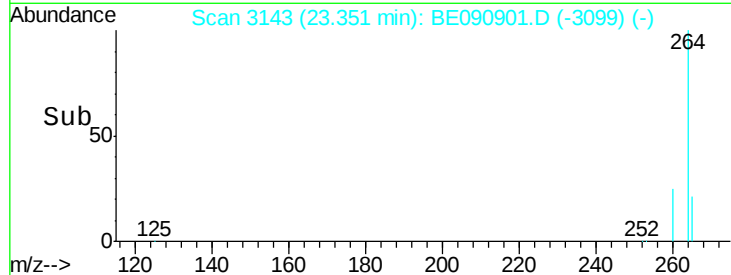
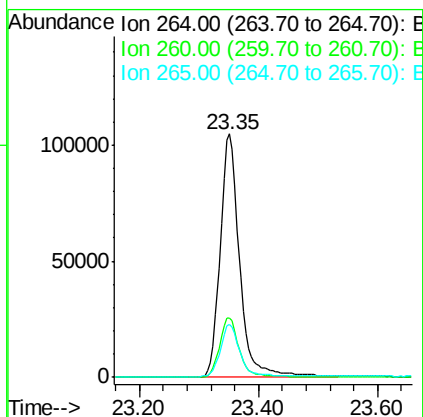
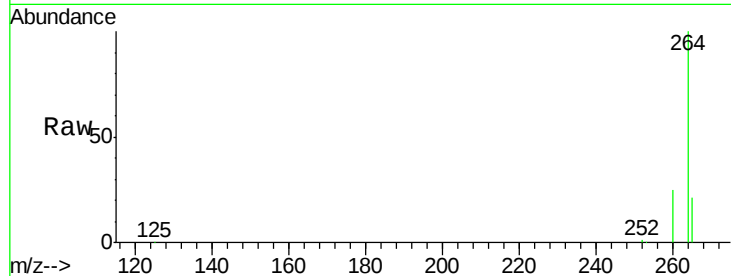




#33
Pervlene-d12
Concen: 5.00 ng
RT: 23.35 min Scan# 3143
Delta R.T. 0.00 min
Lab File: BE090901.D
Acq: 19 Sep 2015 8:05

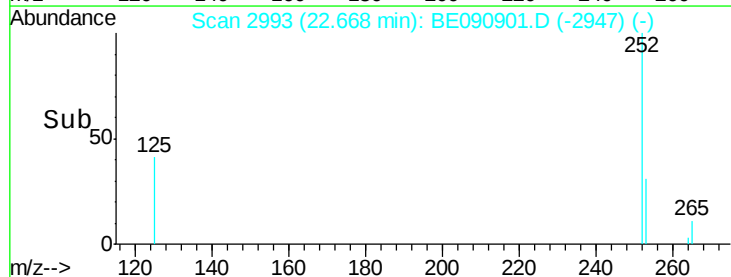
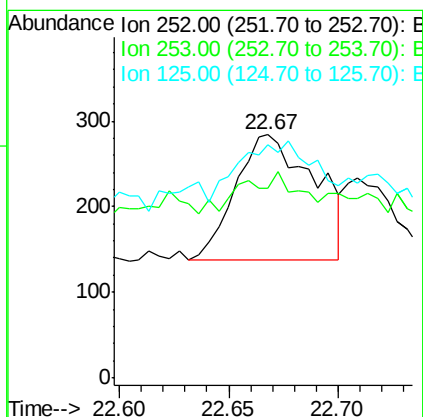
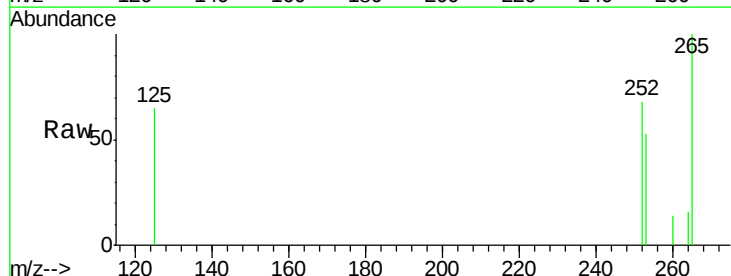
Instrument :
BNA_E
ClientSampleId :
091615-D549-E-D-M

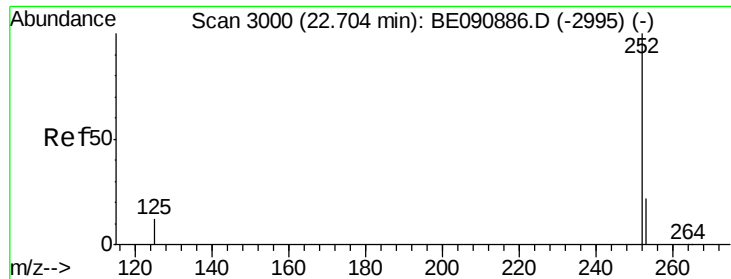
Tot Ion:264 Resp: 239411
Ion Ratio Lower Upper
264 100
260 24.6 19.7 29.5
265 21.5 17.5 26.3



#34
Benzo(b)fluoranthene
Concen: 0.01 ng
RT: 22.67 min Scan# 2993
Delta R.T. 0.01 min
Lab File: BE090901.D
Acq: 19 Sep 2015 8:05

Tgt Ion:252 Resp: 372
Ion Ratio Lower Upper
252 100
253 78.2 17.9 26.9#
125 96.1 10.6 16.0#

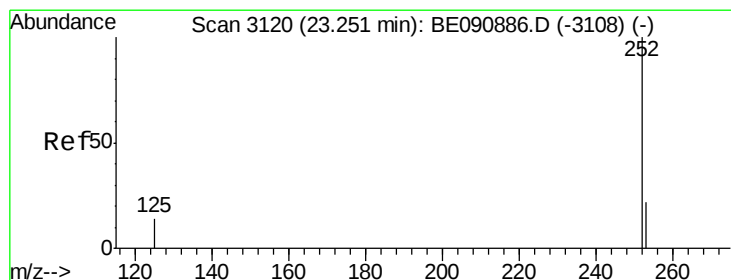
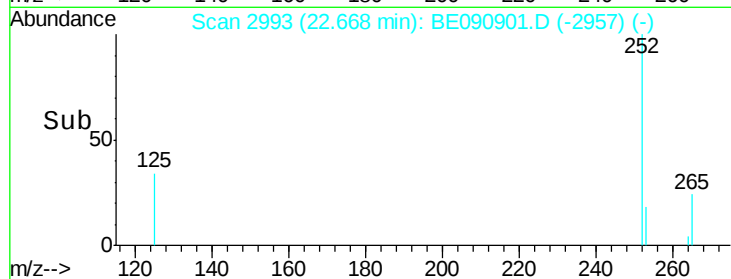
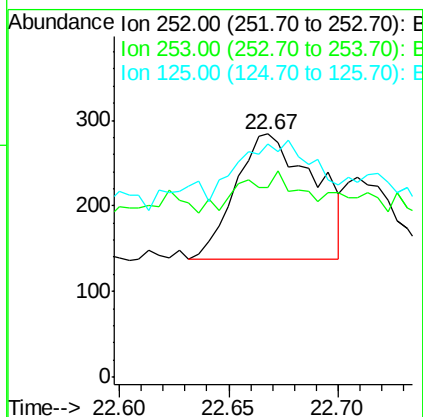
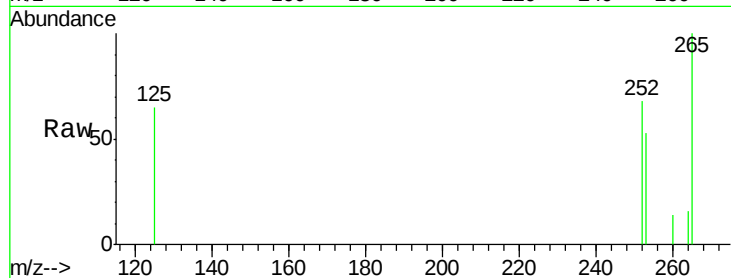




#35
Benzo(k)fluoranthene
Concen: 0.01 ng
RT: 22.67 min Scan# 2993
Delta R.T. -0.04 min
Lab File: BE090901.D
Acq: 19 Sep 2015 8:05

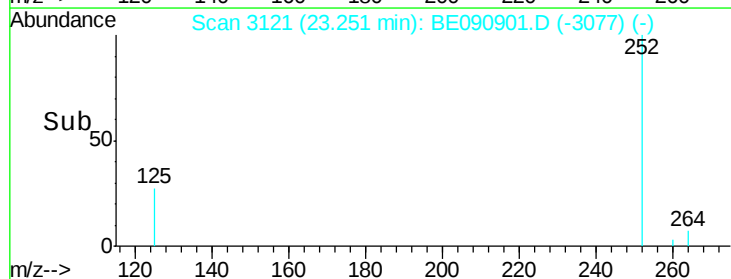
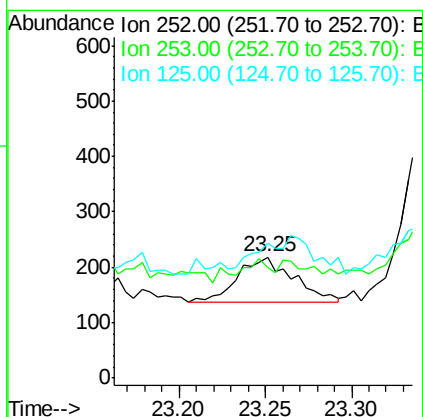
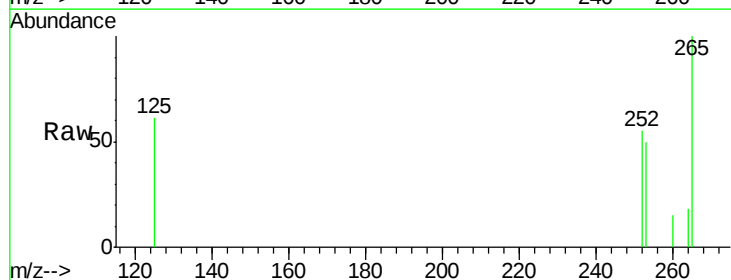
Instrument :
BNA_E
ClientSampleId :
091615-D549-E-D-M

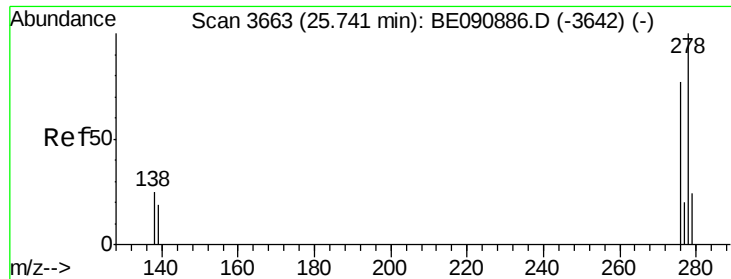
Tot Ion:252 Resp: 372
Ion Ratio Lower Upper
252 100
253 78.2 17.9 26.9#
125 96.1 10.1 15.1#



#36
Benzo(a)pyrene
Concen: 0.00 ng
RT: 23.25 min Scan# 3121
Delta R.T. 0.00 min
Lab File: BE090901.D
Acq: 19 Sep 2015 8:05

Tgt Ion:252 Resp: 183
Ion Ratio Lower Upper
252 100
253 91.3 17.2 25.8#
125 111.9 18.0 27.0#

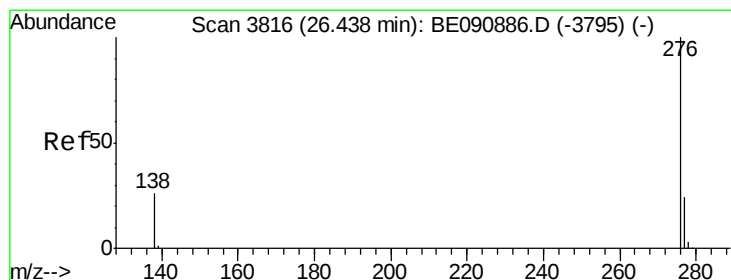
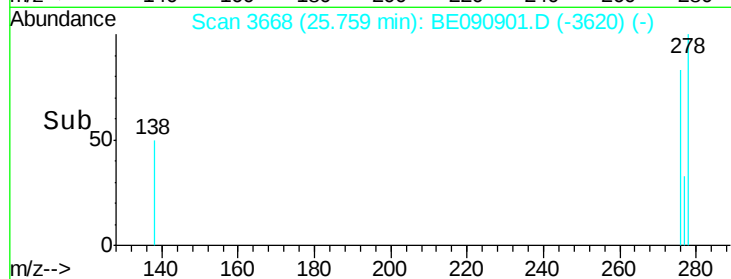
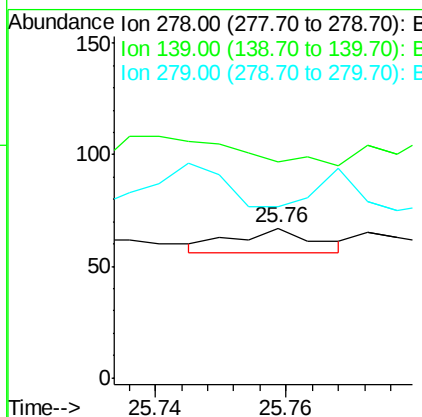
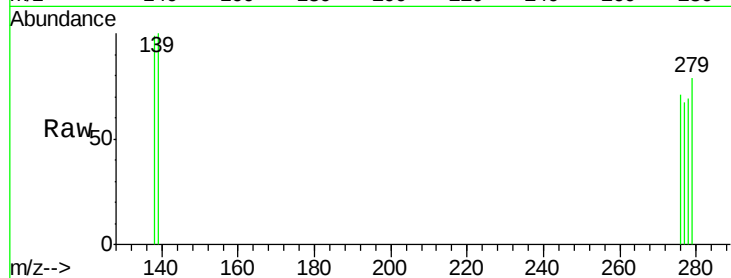




#37
Dibenzo(a,h)anthracene
Concen: 0.00 ng
RT: 25.76 min Scan# 3668
Delta R.T. 0.02 min
Lab File: BE090901.D
Acq: 19 Sep 2015 8:05

Instrument :
BNA_E
ClientSampleId :
091615-D549-E-D-M

Tot Ion: 278 Resp: 9
Ion Ratio Lower Upper
278 100
139 144.8 15.4 23.0#
279 114.9 18.8 28.2#



#38
Benzo(g,h,i)perylene
Concen: 0.00 ng
RT: 26.46 min Scan# 3821
Delta R.T. 0.02 min
Lab File: BE090901.D
Acq: 19 Sep 2015 8:05

Tgt Ion: 276 Resp: 103
Ion Ratio Lower Upper
276 100
277 66.7 18.5 27.7#
138 104.3 20.1 30.1#

