

Data Path : Z:\HPCHEM1\BNA E\DATA\BE092115\
 Data File : BE090920.D
 Acq On : 21 Sep 2015 16:14
 Operator : UM/IZ
 Sample : PB85661BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB85661BSD

Quant Time: Sep 21 16:56:38 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	28164	5.00	ng	0.00
7) Naphthalene-d8	10.30	136	125808	5.00	ng	0.00
13) Acenaphthene-d10	14.16	164	65336	5.00	ng	0.00
19) Phenanthrene-d10	16.91	188	149207	5.00	ng	0.00
26) Chrysene-d12	21.07	240	210250	5.00	ng	0.00
33) Perylene-d12	23.35	264	181121	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.18	112	42466	6.72	ng	0.00
5) Phenol-d6	6.74	99	62884	7.16	ng	-0.01
8) Nitrobenzene-d5	8.69	82	33201	3.83	ng	-0.02
14) 2,4,6-Tribromophenol	15.68	330	14367	6.23	ng	-0.02
15) 2-Fluorobiphenyl	12.78	172	68112	3.68	ng	-0.01
28) Terphenyl-d14	19.53	244	99669	4.18	ng	0.00

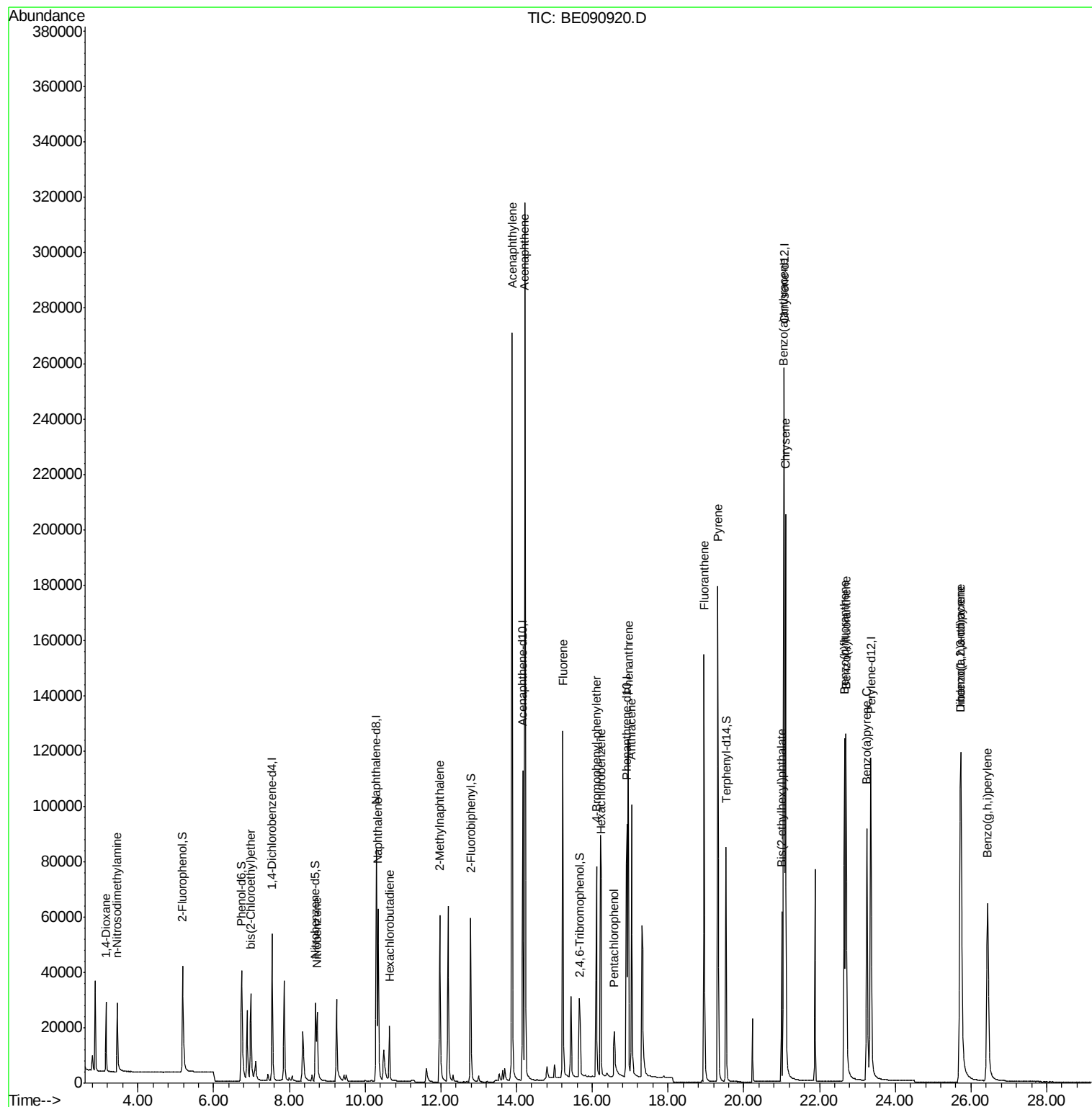
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.15	88	13970	3.74	ng	97
3) n-Nitrosodimethylamine	3.45	42	16971	3.33	ng	# 94
6) bis(2-Chloroethyl)ether	6.98	93	28410	3.56	ng	98
9) Nitrobenzene	8.73	77	34522	3.58	ng	99
10) Naphthalene	10.35	128	91450	3.73	ng	98
11) Hexachlorobutadiene	10.64	225	14156	3.88	ng	100
12) 2-Methylnaphthalene	11.97	142	57543	3.40	ng	99
16) Acenaphthylene	13.88	152	386254	3.40	ng	100
17) Acenaphthene	14.22	154	60226	3.44	ng	91
18) Fluorene	15.22	166	77321	3.86	ng	97
20) 4-Bromophenyl-phenylether	16.11	248	20492	3.55	ng	92
21) Hexachlorobenzene	16.23	284	95367	3.99	ng	100
22) Pentachlorophenol	16.58	266	13968	5.08	ng	94
23) Phenanthrene	16.95	178	136112	3.95	ng	99
24) Anthracene	17.03	178	131157	3.84	ng	100
25) Fluoranthene	18.95	202	155973	3.43	ng	99
27) Pyrene	19.32	202	175289	3.65	ng	99
29) Benzo(a)anthracene	21.05	228	180176	3.47	ng	99
30) Chrysene	21.10	228	182372	3.73	ng	99
31) Bis(2-ethylhexyl)phthalate	21.00	149	53347	2.32	ng	98
32) Indeno(1,2,3-cd)pyrene	25.71	276	182549	2.98	ng	99
34) Benzo(b)fluoranthene	22.65	252	157446	3.71	ng	98
35) Benzo(k)fluoranthene	22.70	252	185497	3.80	ng	99
36) Benzo(a)pyrene	23.25	252	148862	3.69	ng	# 90
37) Dibenzo(a,h)anthracene	25.74	278	149492	3.56	ng	99
38) Benzo(g,h,i)perylene	26.44	276	155442	3.46	ng	98

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

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.55 min Scan# 726

Delta R.T. -0.00 min

Lab File: BE090920.D

Acq: 21 Sep 2015 16:14

Instrument :

BNA_E

ClientSampleId :

PB85661BSD

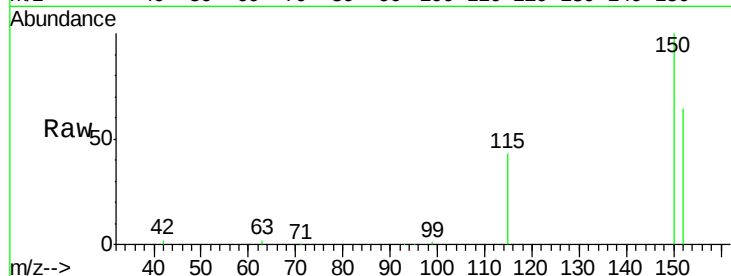
Tot Ion:152 Resp: 28164

Ion Ratio Lower Upper

152 100

150 155.2 122.2 183.4

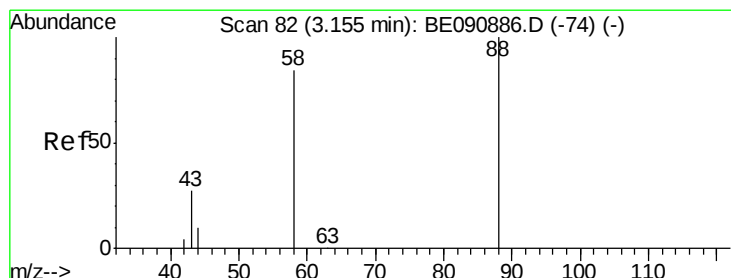
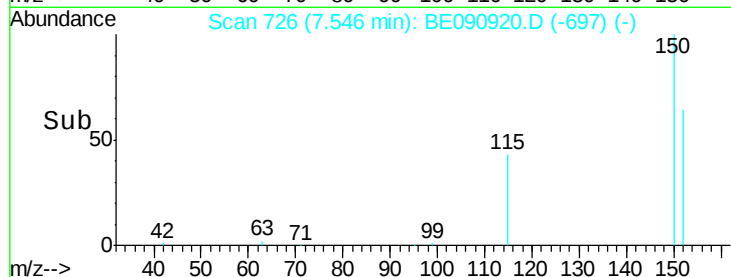
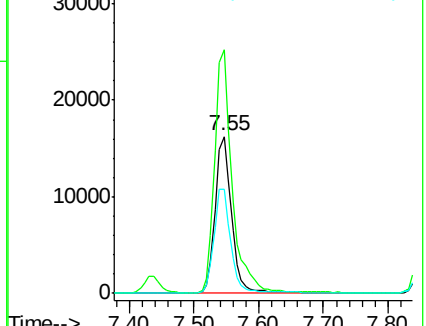
115 66.4 51.0 76.4



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: 3.74 ng

RT: 3.15 min Scan# 82

Delta R.T. 0.00 min

Lab File: BE090920.D

Acq: 21 Sep 2015 16:14

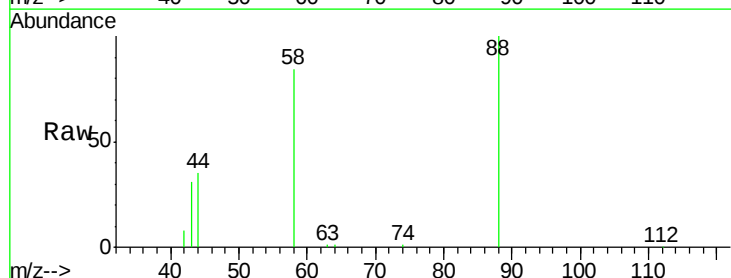
Tgt Ion: 88 Resp: 13970

Ion Ratio Lower Upper

88 100

58 88.9 68.4 102.6

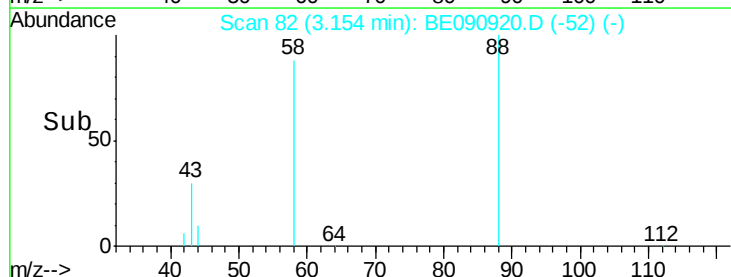
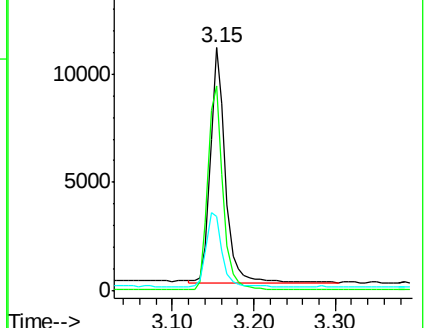
43 33.1 26.9 40.3



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



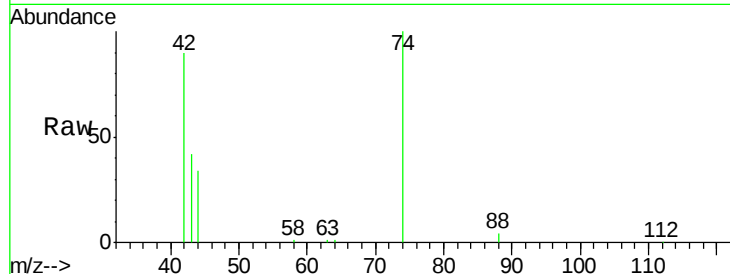


#3

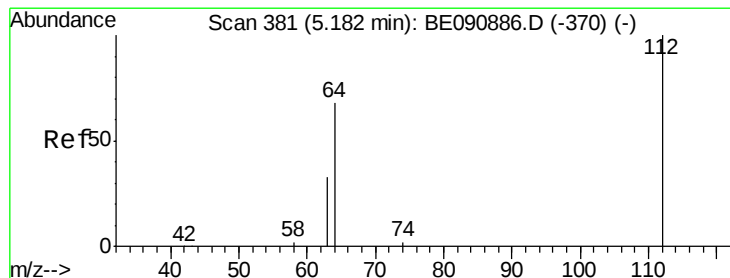
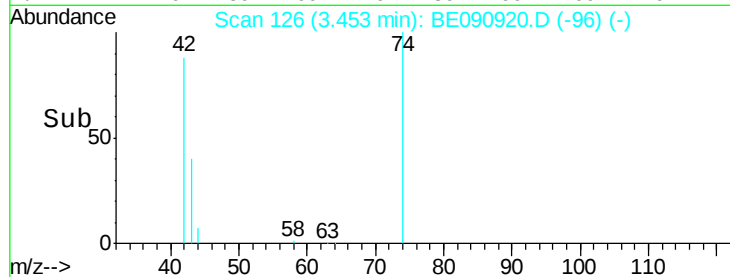
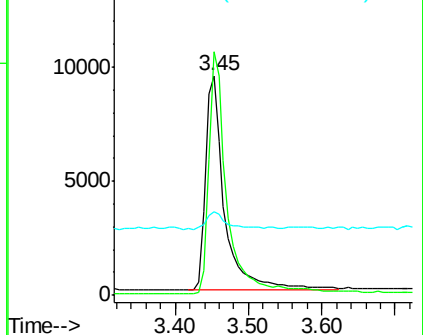
n-Nitrosodimethylamine
 Concen: 3.33 ng
 RT: 3.45 min Scan# 126
 Delta R.T. 0.00 min
 Lab File: BE090920.D
 Acq: 21 Sep 2015 16:14

Instrument :
 BNA_E
 ClientSampleId :
 PB85661BSD

Tot Ion: 42 Resp: 16971
 Ion Ratio Lower Upper
 42 100
 74 110.0 83.7 125.5
 44 9.1 10.0 15.0#



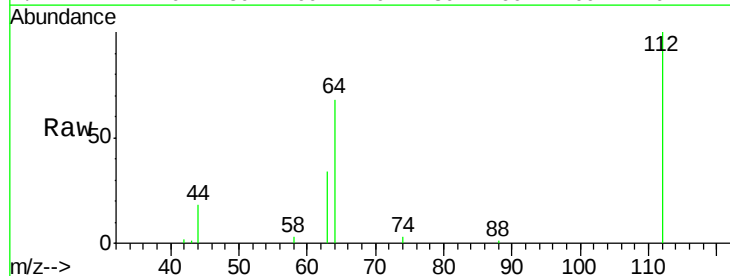
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



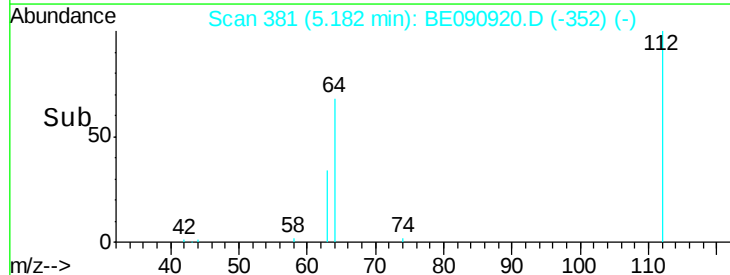
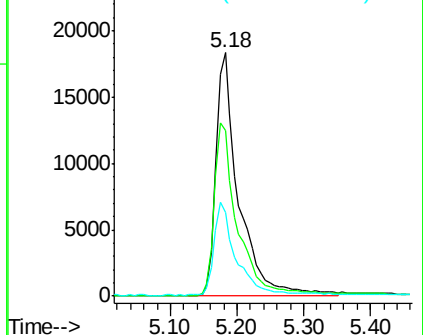
#4

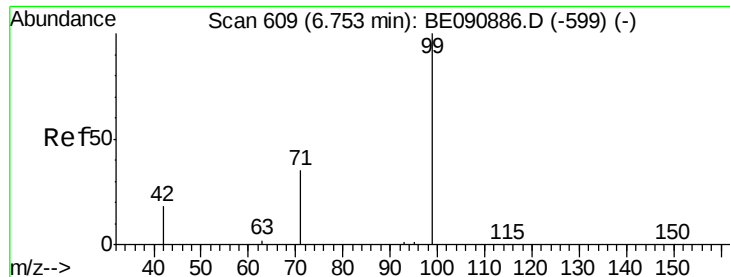
2-Fluorophenol
 Concen: 6.72 ng
 RT: 5.18 min Scan# 381
 Delta R.T. -0.00 min
 Lab File: BE090920.D
 Acq: 21 Sep 2015 16:14

Tgt Ion: 112 Resp: 42466
 Ion Ratio Lower Upper
 112 100
 64 72.8 57.3 85.9
 63 37.5 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: 7.16 ng

RT: 6.74 min Scan# 607

Delta R.T. -0.01 min

Lab File: BE090920.D

Acq: 21 Sep 2015 16:14

Instrument :

BNA_E

ClientSampleId :

PB85661BSD

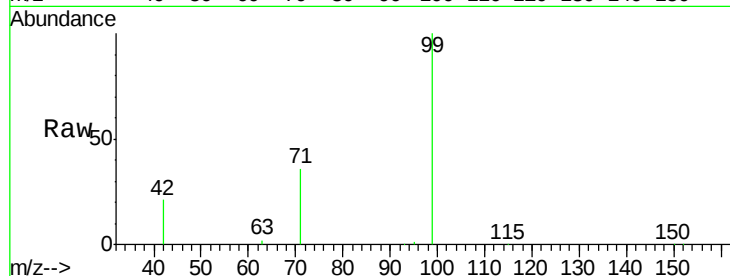
Tot Ion: 99 Resp: 62884

Ion Ratio Lower Upper

99 100

42 22.3 16.8 25.2

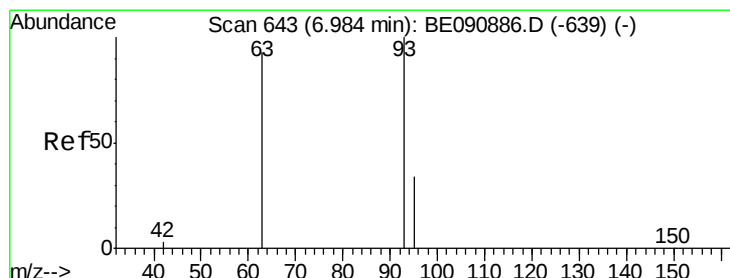
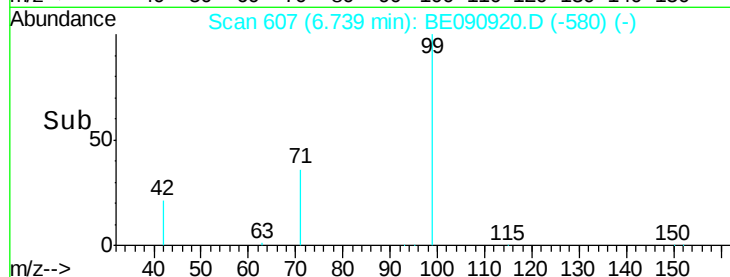
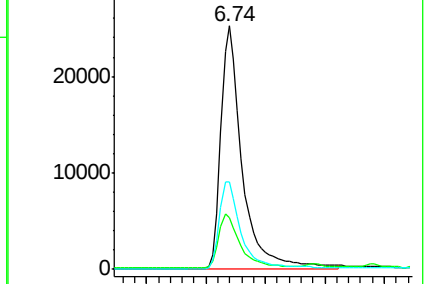
71 36.6 28.3 42.5



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: 3.56 ng

RT: 6.98 min Scan# 643

Delta R.T. 0.00 min

Lab File: BE090920.D

Acq: 21 Sep 2015 16:14

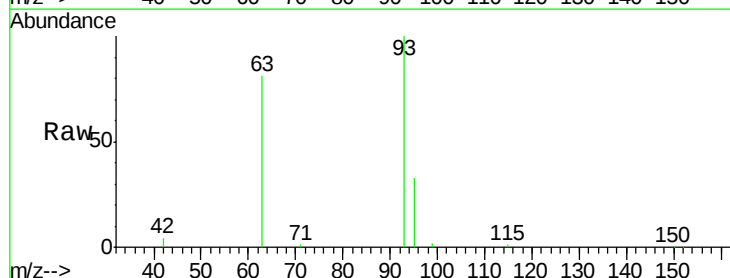
Tgt Ion: 93 Resp: 28410

Ion Ratio Lower Upper

93 100

63 87.3 68.5 102.7

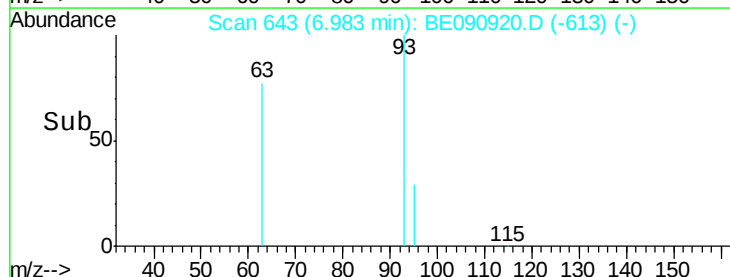
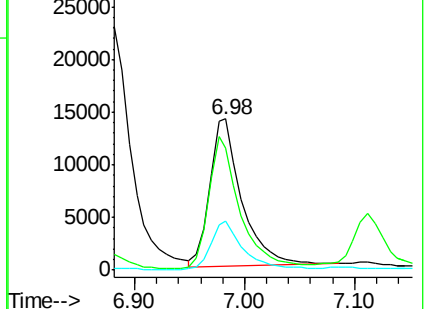
95 32.4 26.9 40.3

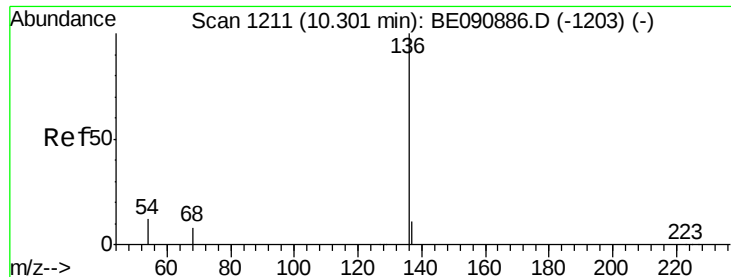


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.30 min Scan# 1211

Delta R.T. 0.00 min

Lab File: BE090920.D

Acq: 21 Sep 2015 16:14

Instrument :

BNA_E

ClientSampleId :

PB85661BSD

Tot Ion:136 Resp: 125808

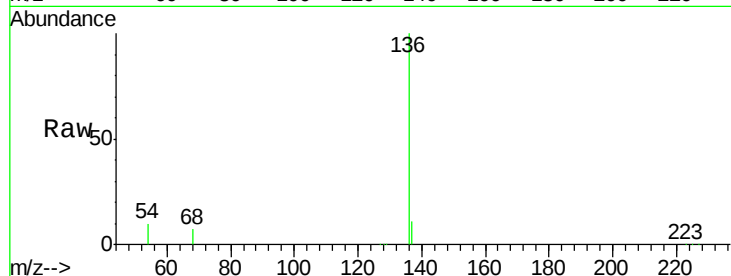
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 10.3 9.0 13.6

68 7.5 6.3 9.5

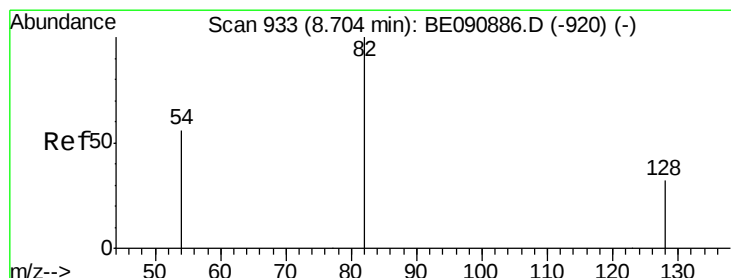
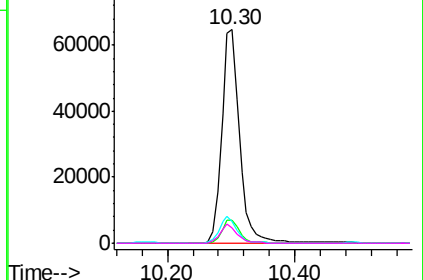
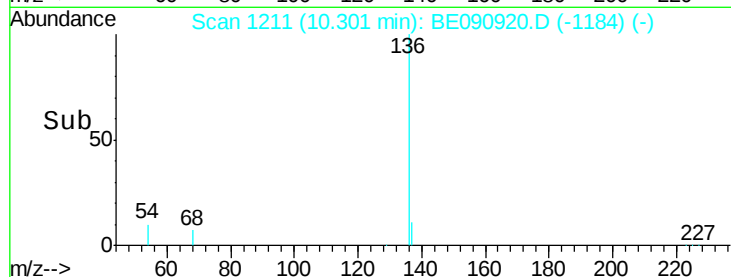


Abundance Ion 136.00 (135.70 to 136.70): E

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: 3.83 ng

RT: 8.69 min Scan# 929

Delta R.T. -0.02 min

Lab File: BE090920.D

Acq: 21 Sep 2015 16:14

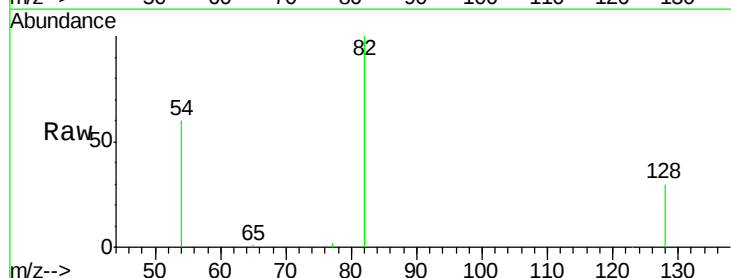
Tgt Ion: 82 Resp: 33201

Ion Ratio Lower Upper

82 100

128 29.8 25.0 37.4

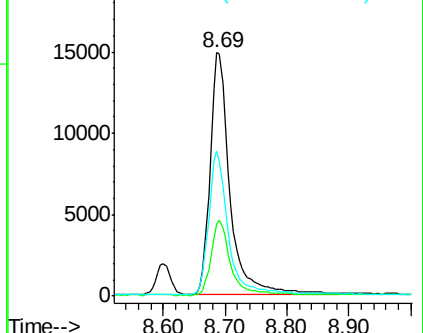
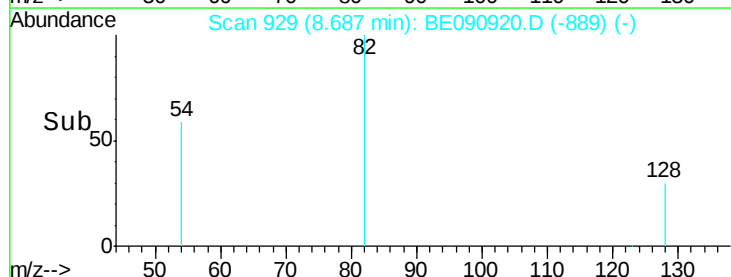
54 59.6 46.3 69.5

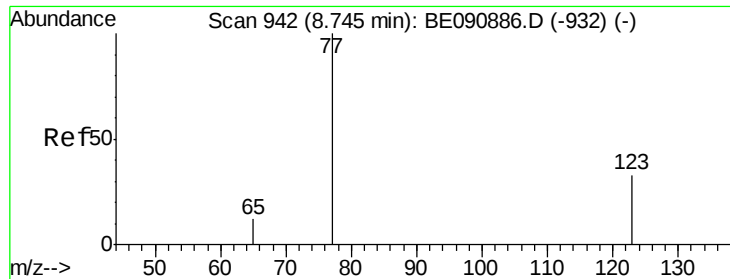


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Nitrobenzene

Concen: 3.58 ng

RT: 8.73 min Scan# 939

Delta R.T. -0.01 min

Lab File: BE090920.D

Acq: 21 Sep 2015 16:14

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BNA_E

ClientSampleId :

PB85661BSD

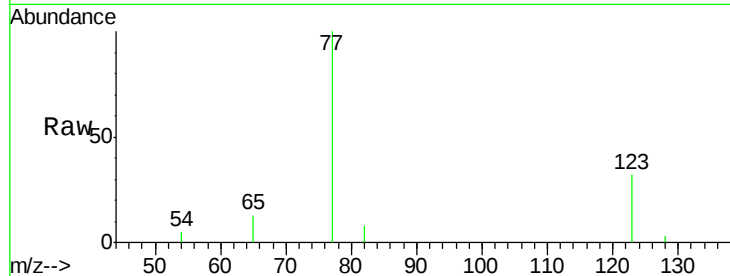
Tot Ion: 77 Resp: 34522

Ion Ratio Lower Upper

77 100

123 32.5 25.1 37.7

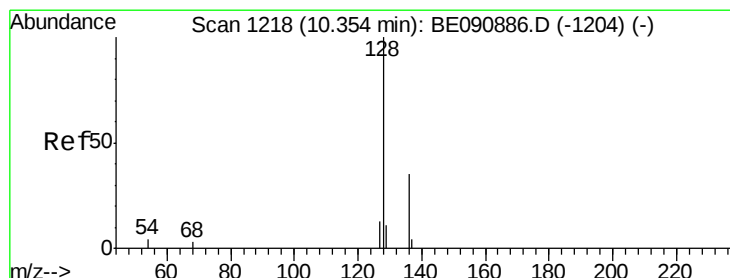
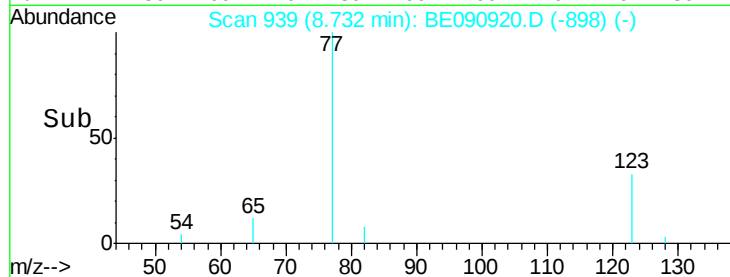
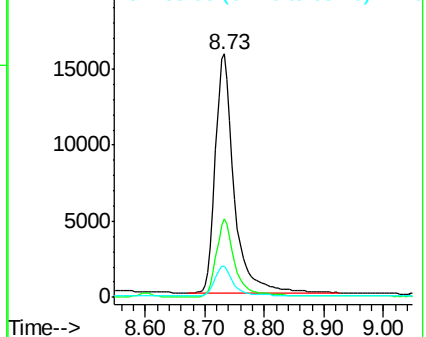
65 12.4 9.9 14.9



Abundance Ion 77.00 (76.70 to 77.70): BE090920.D (-898) (-)

Ion 123.00 (122.70 to 123.70): BE090920.D (-898) (-)

Ion 65.00 (64.70 to 65.70): BE090920.D (-898) (-)



#10

Naphthalene

Concen: 3.73 ng

RT: 10.35 min Scan# 1217

Delta R.T. -0.01 min

Lab File: BE090920.D

Acq: 21 Sep 2015 16:14

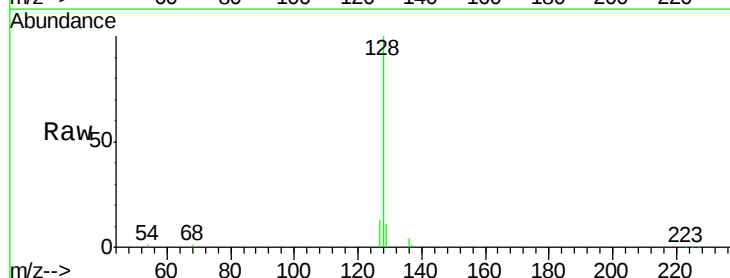
Tgt Ion: 128 Resp: 91450

Ion Ratio Lower Upper

128 100

129 11.2 8.4 12.6

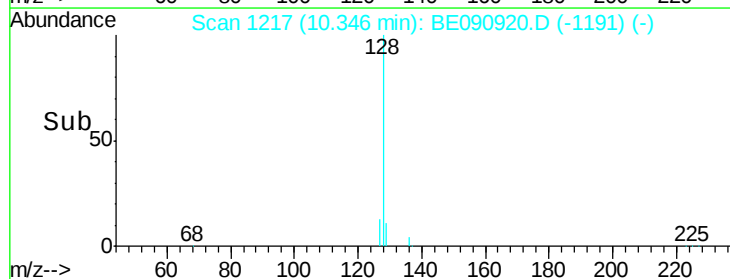
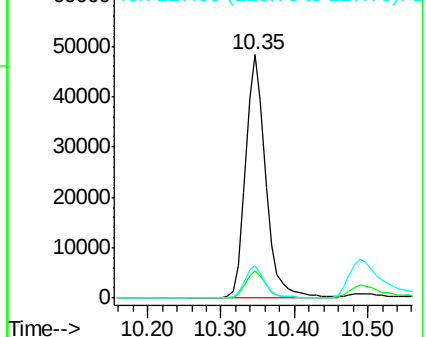
127 13.1 9.9 14.9

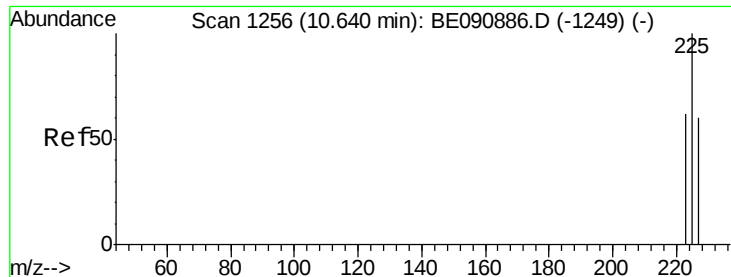


Abundance Ion 128.00 (127.70 to 128.70): BE090920.D (-1191) (-)

Ion 129.00 (128.70 to 129.70): BE090920.D (-1191) (-)

Ion 127.00 (126.70 to 127.70): BE090920.D (-1191) (-)

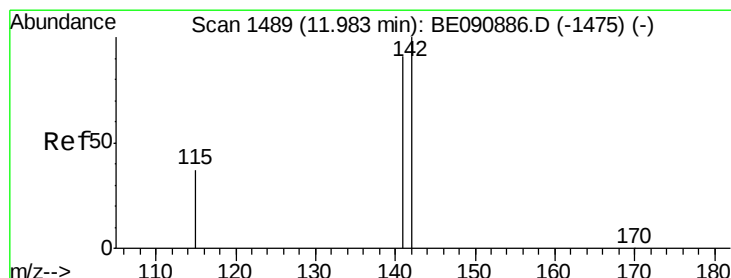
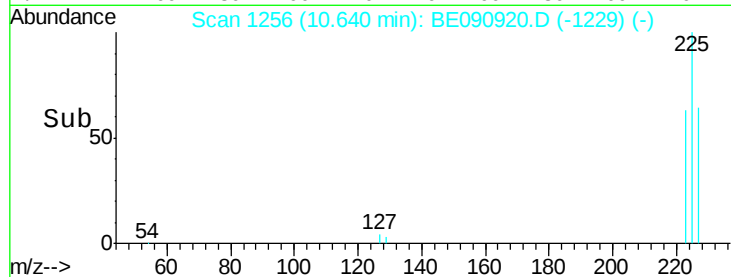
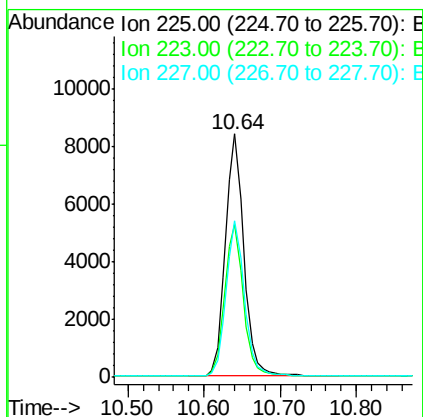
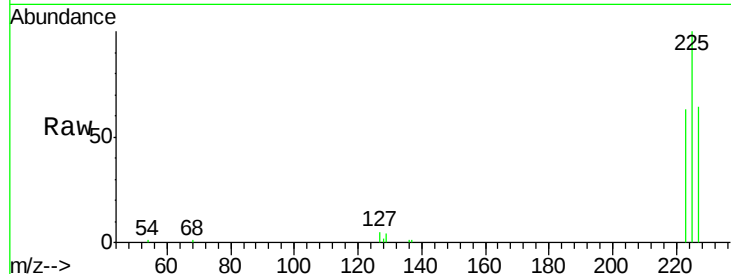




#11
Hexachlorobutadiene
Concen: 3.88 ng
RT: 10.64 min Scan# 1256
Delta R.T. 0.00 min
Lab File: BE090920.D
Acq: 21 Sep 2015 16:14

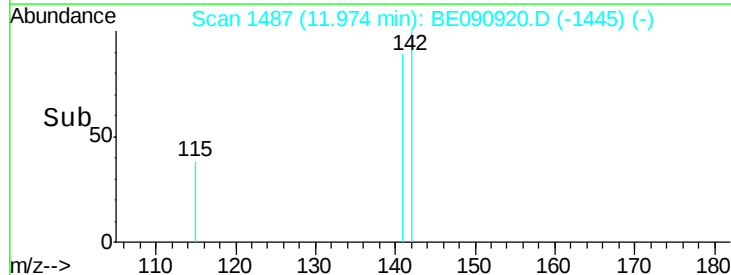
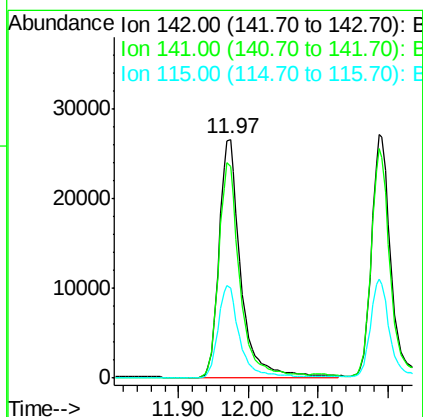
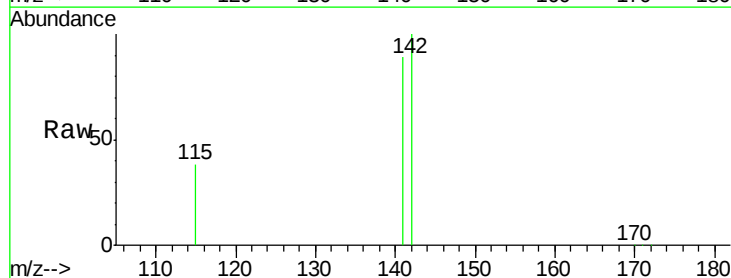
Instrument :
BNA_E
ClientSampleId :
PB85661BSD

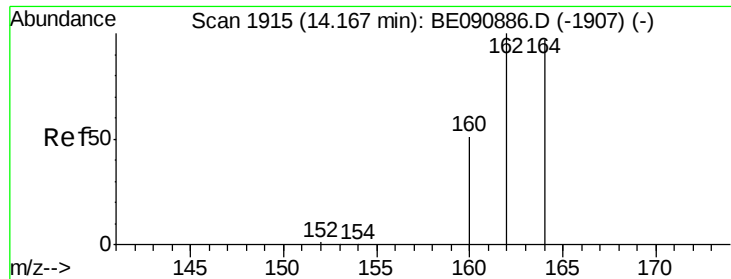
Tot Ion:225 Resp: 14156
Ion Ratio Lower Upper
225 100
223 62.7 50.6 76.0
227 63.9 51.0 76.6



#12
2-Methylnaphthalene
Concen: 3.40 ng
RT: 11.97 min Scan# 1487
Delta R.T. -0.01 min
Lab File: BE090920.D
Acq: 21 Sep 2015 16:14

Tgt Ion:142 Resp: 57543
Ion Ratio Lower Upper
142 100
141 88.5 71.4 107.2
115 37.8 31.0 46.4

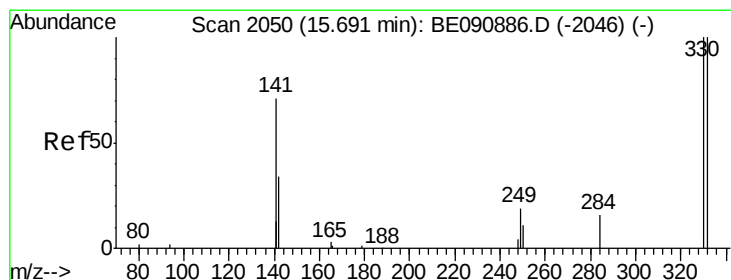
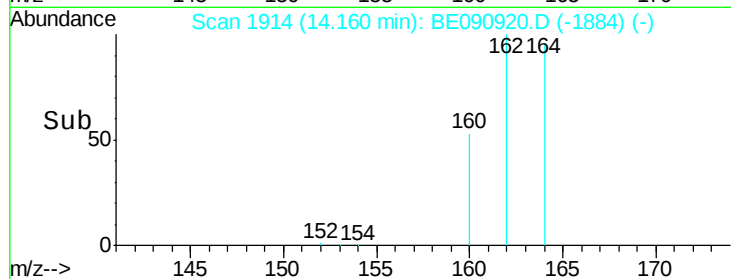
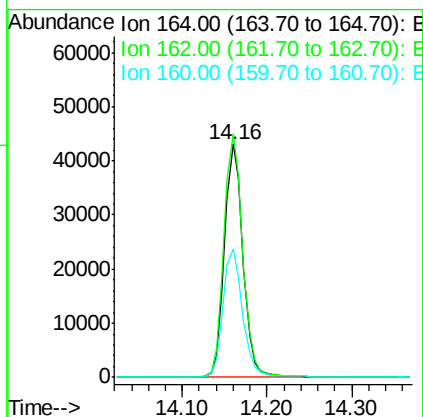
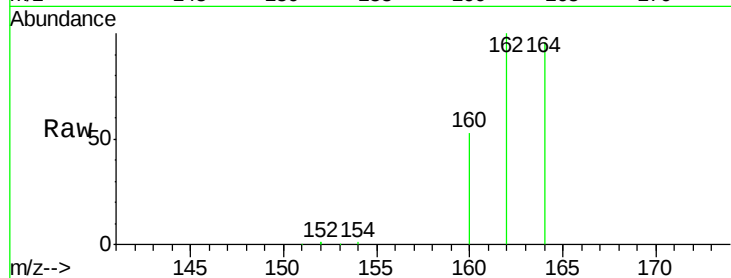




#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.16 min Scan# 1914
Delta R.T. -0.01 min
Lab File: BE090920.D
Acq: 21 Sep 2015 16:14

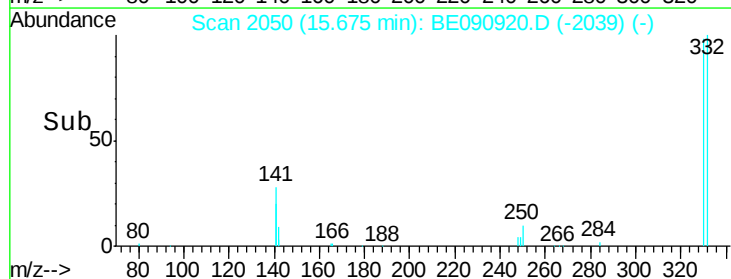
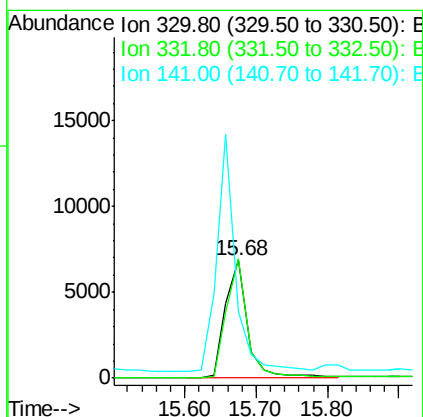
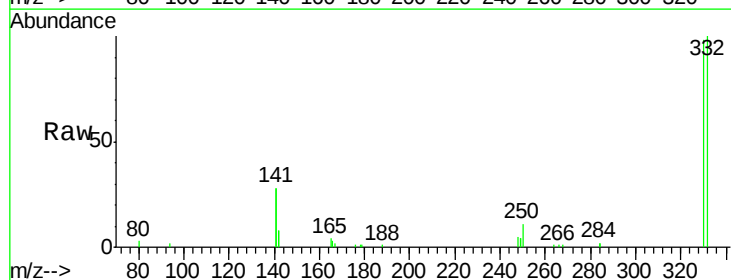
Instrument :
BNA_E
ClientSampleId :
PB85661BSD

Tot Ion:164 Resp: 65336
Ion Ratio Lower Upper
164 100
162 104.4 86.8 130.2
160 55.1 53.9 80.9



#14
2,4,6-Tribromophenol
Concen: 6.23 ng
RT: 15.68 min Scan# 2050
Delta R.T. -0.02 min
Lab File: BE090920.D
Acq: 21 Sep 2015 16:14

Tgt Ion:330 Resp: 14367
Ion Ratio Lower Upper
330 100
332 97.2 74.9 112.3
141 174.5 145.2 217.8

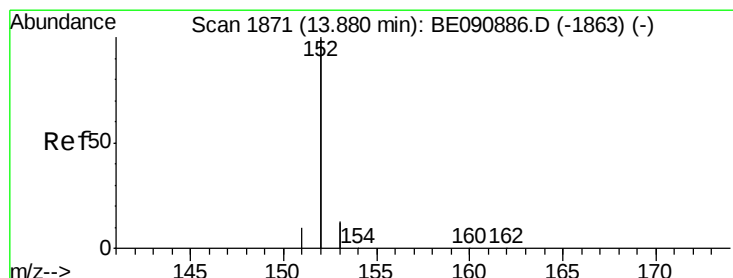
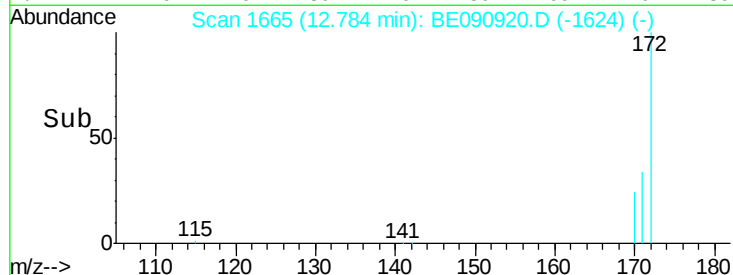
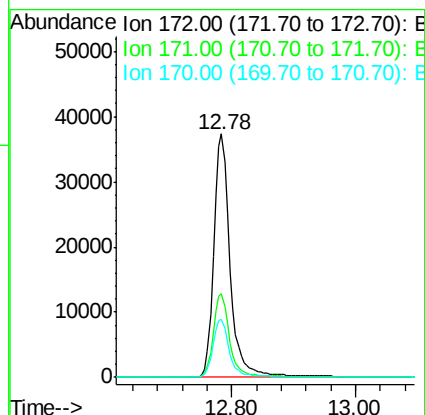
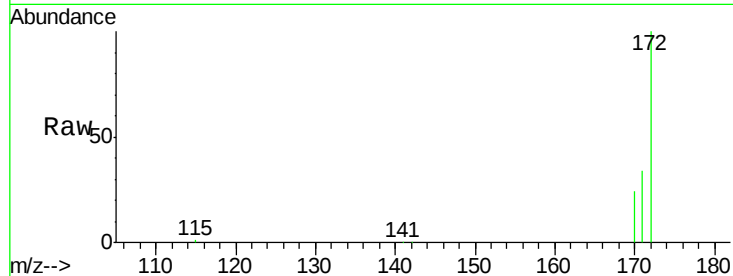




#15
2-Fluorobiphenyl
Concen: 3.68 ng
RT: 12.78 min Scan# 1665
Delta R.T. -0.01 min
Lab File: BE090920.D
Acq: 21 Sep 2015 16:14

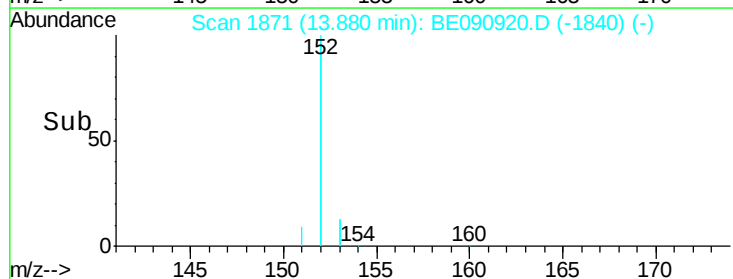
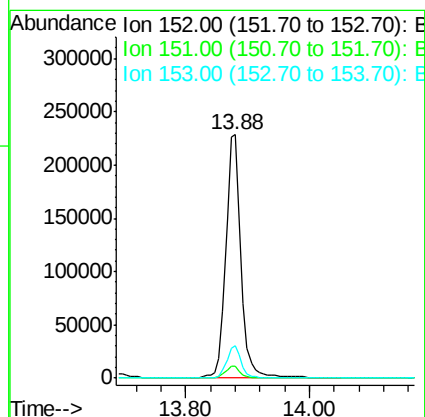
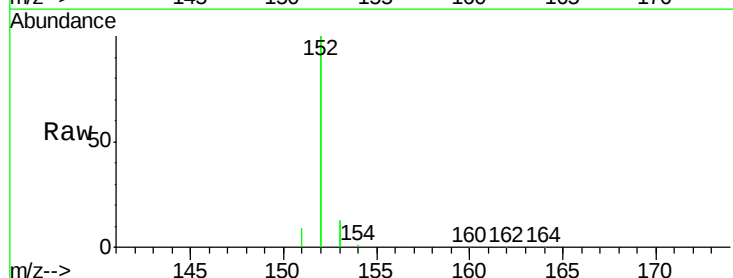
Instrument :
BNA_E
ClientSampleId :
PB85661BSD

Tot Ion:172 Resp: 68112
Ion Ratio Lower Upper
172 100
171 34.3 27.8 41.8
170 23.9 19.8 29.6



#16
Acenaphthylene
Concen: 3.40 ng
RT: 13.88 min Scan# 1871
Delta R.T. -0.00 min
Lab File: BE090920.D
Acq: 21 Sep 2015 16:14

Tgt Ion:152 Resp: 386254
Ion Ratio Lower Upper
152 100
151 4.8 3.9 5.9
153 12.8 10.3 15.5

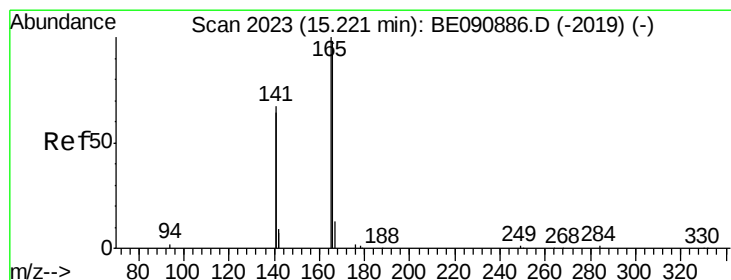
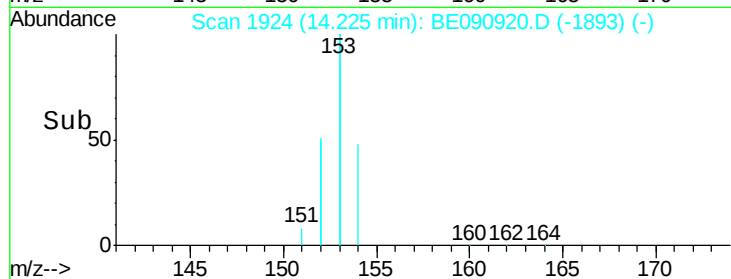
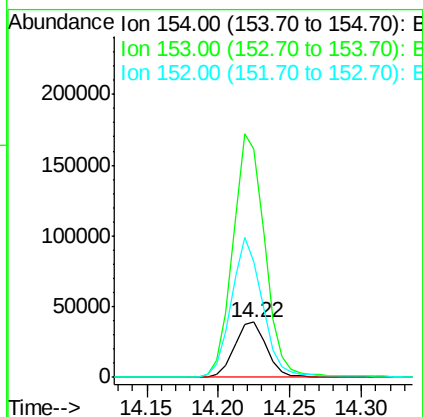
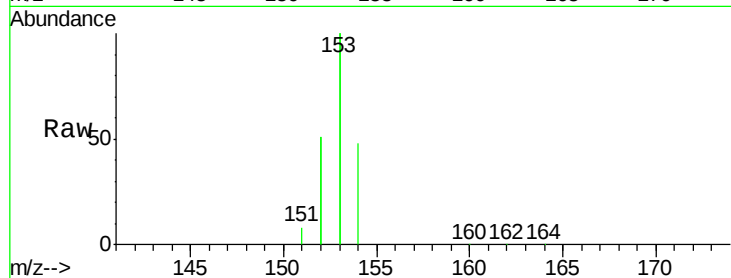




#17
Acenaphthene
Concen: 3.44 ng
RT: 14.22 min Scan# 1924
Delta R.T. -0.00 min
Lab File: BE090920.D
Acq: 21 Sep 2015 16:14

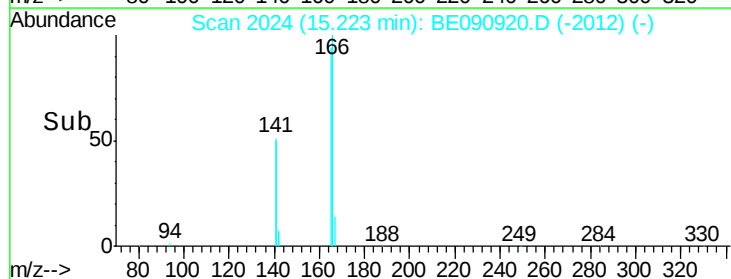
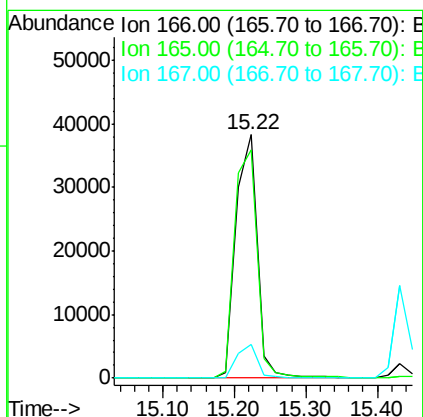
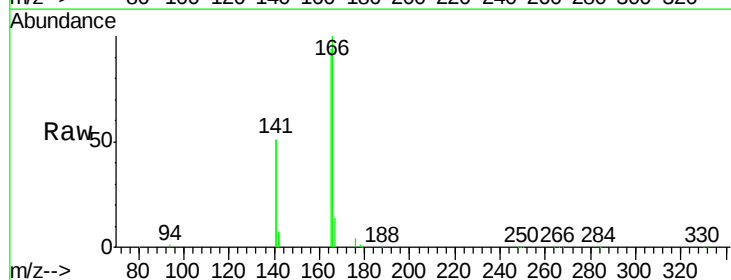
Instrument :
BNA_E
ClientSampleId :
PB85661BSD

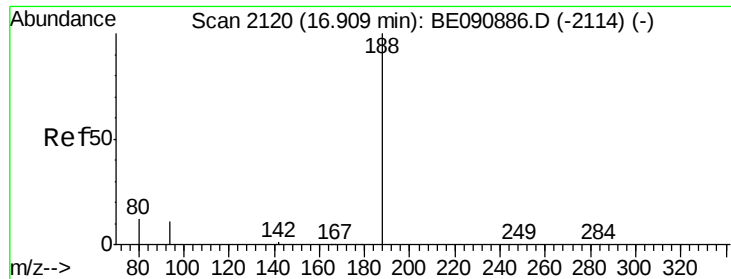
Tot Ion:154 Resp: 60226
Ion Ratio Lower Upper
154 100
153 441.3 354.5 531.7
152 245.5 227.8 341.6



#18
Fluorene
Concen: 3.86 ng
RT: 15.22 min Scan# 2024
Delta R.T. 0.00 min
Lab File: BE090920.D
Acq: 21 Sep 2015 16:14

Tgt Ion:166 Resp: 77321
Ion Ratio Lower Upper
166 100
165 99.9 82.7 124.1
167 13.3 10.7 16.1





#19

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.91 min Scan# 2121

Delta R.T. 0.00 min

Lab File: BE090920.D

Acq: 21 Sep 2015 16:14

Instrument :

BNA_E

ClientSampleId :

PB85661BSD

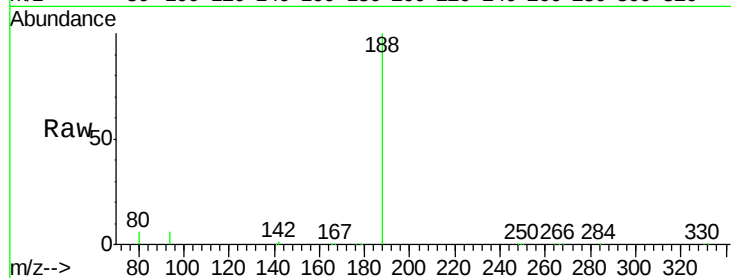
Tot Ion:188 Resp: 149207

Ion Ratio Lower Upper

188 100

94 5.6 10.3 15.5#

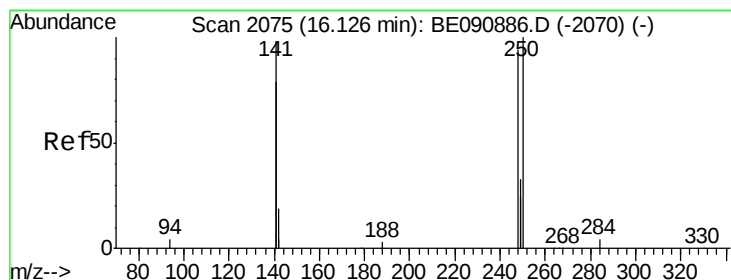
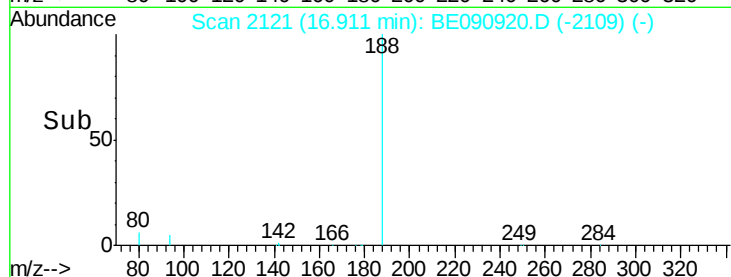
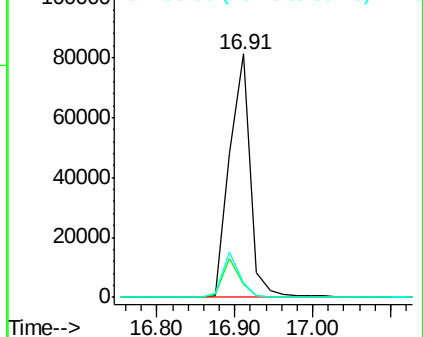
80 5.9 11.0 16.6#



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: 3.55 ng

RT: 16.11 min Scan# 2075

Delta R.T. -0.02 min

Lab File: BE090920.D

Acq: 21 Sep 2015 16:14

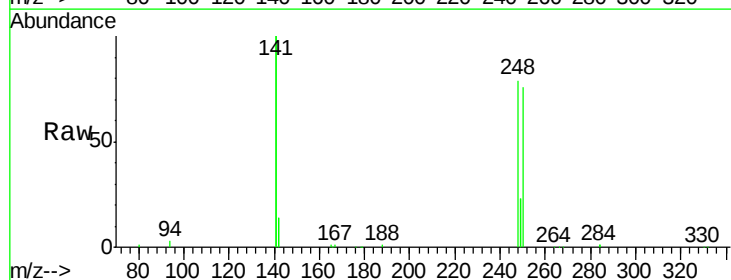
Tgt Ion:248 Resp: 20492

Ion Ratio Lower Upper

248 100

250 98.1 76.7 115.1

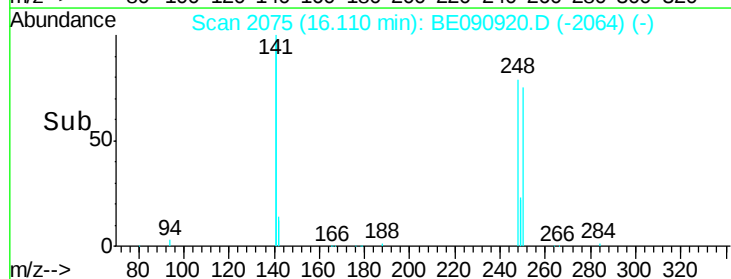
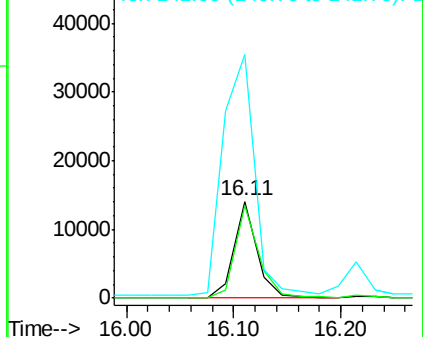
141 344.0 292.6 439.0



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: 3.99 ng

RT: 16.23 min Scan# 2082

Delta R.T. 0.00 min

Lab File: BE090920.D

Acq: 21 Sep 2015 16:14

Instrument :

BNA_E

ClientSampleId :

PB85661BSD

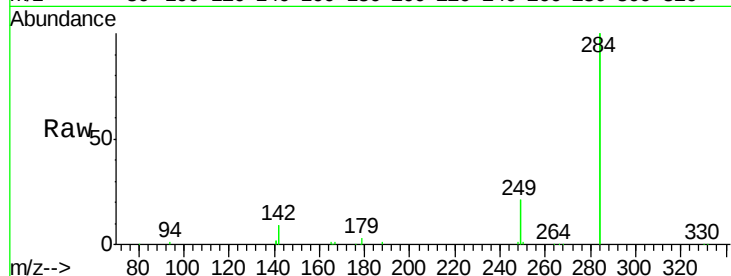
Tot Ion:284 Resp: 95367

Ion Ratio Lower Upper

284 100

142 43.7 35.0 52.4

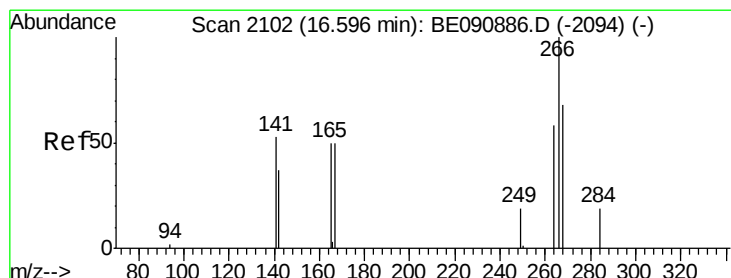
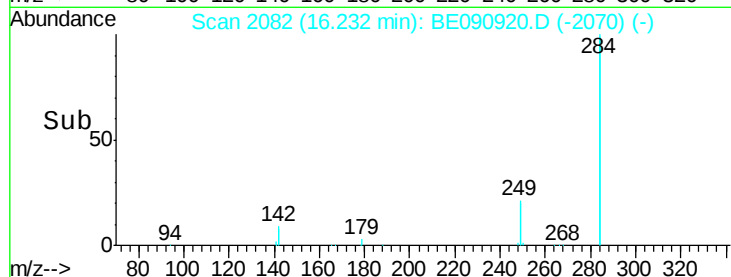
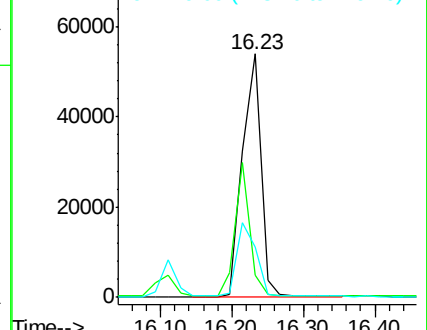
249 31.6 25.5 38.3



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: 5.08 ng

RT: 16.58 min Scan# 2102

Delta R.T. -0.02 min

Lab File: BE090920.D

Acq: 21 Sep 2015 16:14

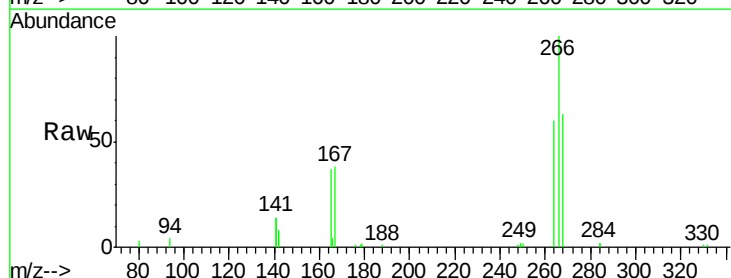
Tgt Ion:266 Resp: 13968

Ion Ratio Lower Upper

266 100

268 63.3 49.6 74.4

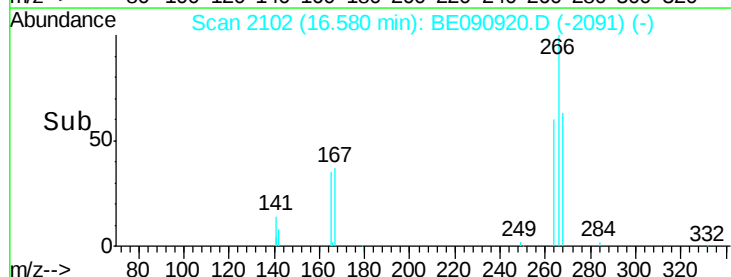
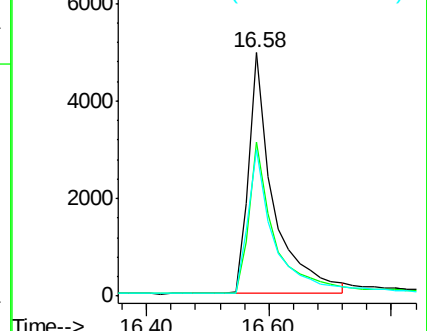
264 60.1 53.9 80.9

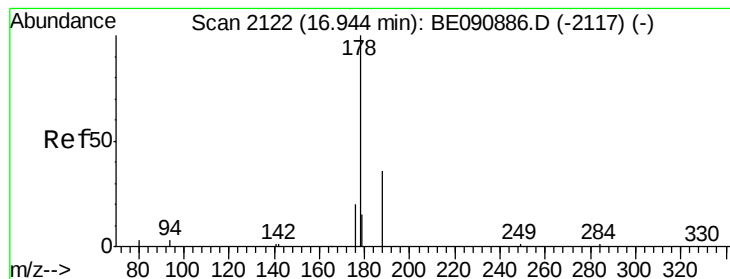


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#23

Phenanthrene

Concen: 3.95 ng

RT: 16.95 min Scan# 2123

Delta R.T. 0.00 min

Lab File: BE090920.D

Acq: 21 Sep 2015 16:14

Instrument :

BNA_E

ClientSampleId :

PB85661BSD

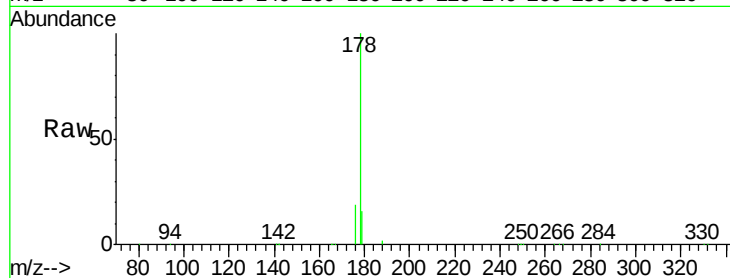
Tot Ion:178 Resp: 136112

Ion Ratio Lower Upper

178 100

176 19.2 15.6 23.4

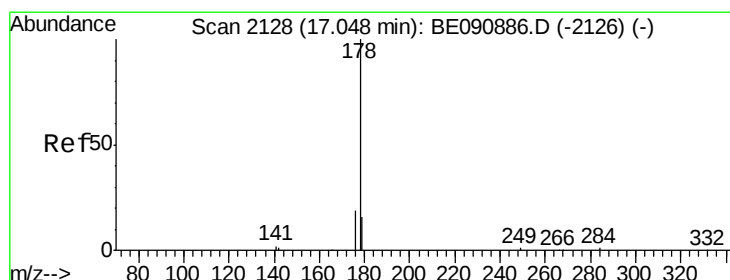
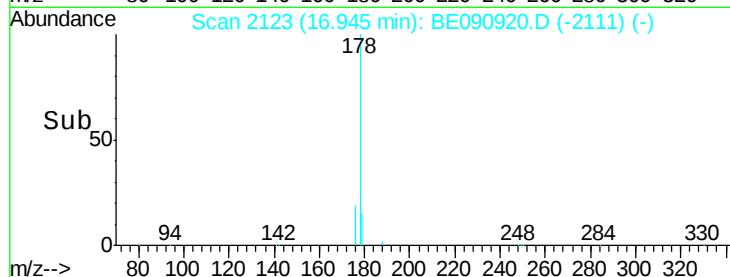
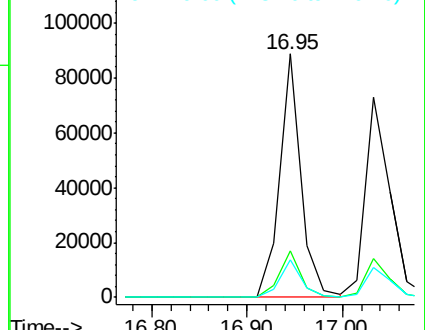
179 15.5 12.8 19.2



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: 3.84 ng

RT: 17.03 min Scan# 2128

Delta R.T. -0.01 min

Lab File: BE090920.D

Acq: 21 Sep 2015 16:14

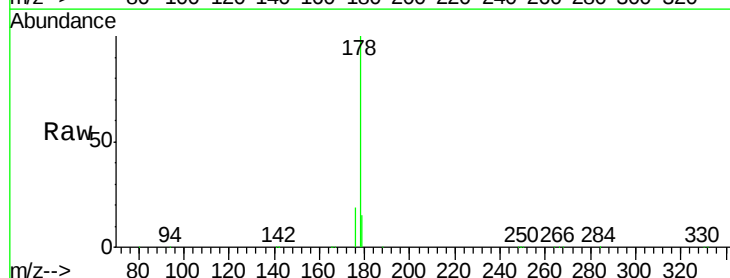
Tgt Ion:178 Resp: 131157

Ion Ratio Lower Upper

178 100

176 18.7 15.0 22.6

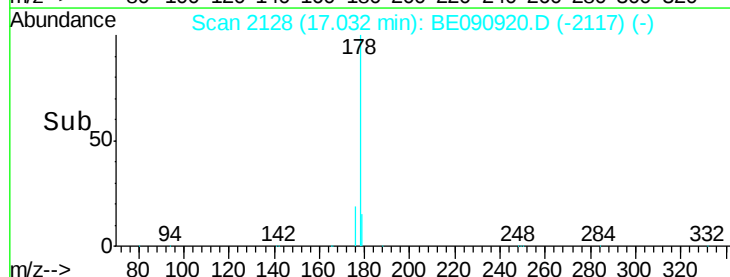
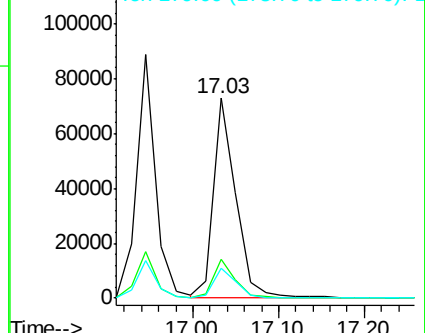
179 15.1 12.3 18.5

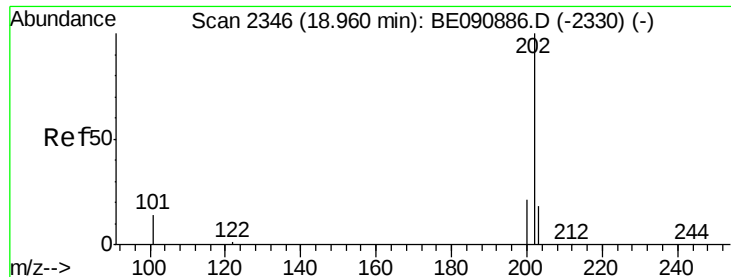


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene

Concen: 3.43 ng

RT: 18.95 min Scan# 2345

Delta R.T. -0.01 min

Lab File: BE090920.D

Acq: 21 Sep 2015 16:14

Instrument :

BNA_E

ClientSampleId :

PB85661BSD

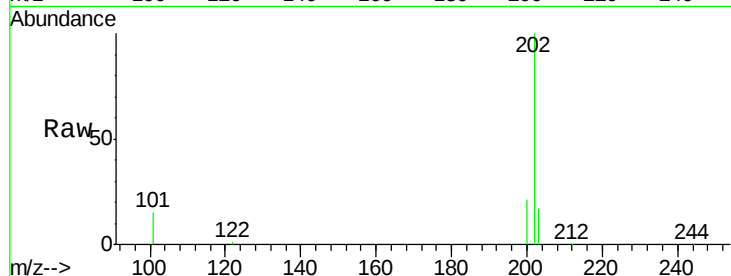
Tot Ion:202 Resp: 155973

Ion Ratio Lower Upper

202 100

101 14.2 11.0 16.6

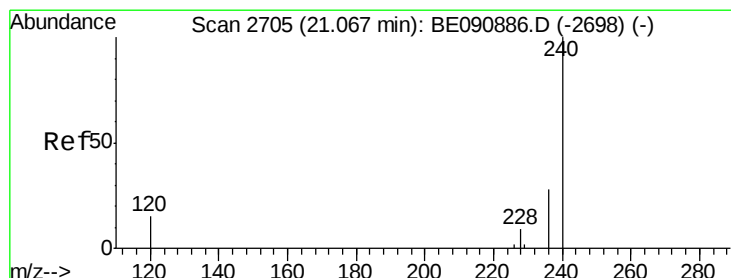
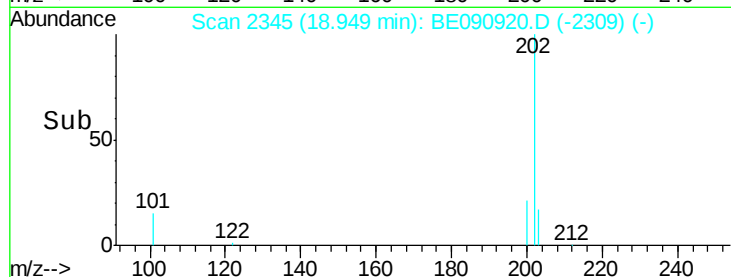
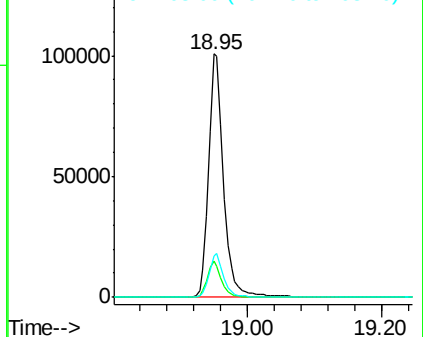
203 17.1 13.9 20.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#26

Chrysene-d12

Concen: 5.00 ng

RT: 21.07 min Scan# 2706

Delta R.T. 0.00 min

Lab File: BE090920.D

Acq: 21 Sep 2015 16:14

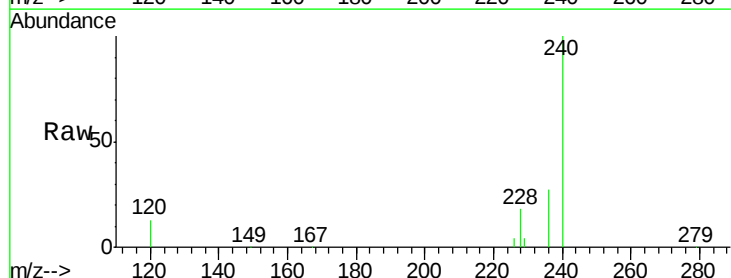
Tgt Ion:240 Resp: 210250

Ion Ratio Lower Upper

240 100

120 12.7 10.1 15.1

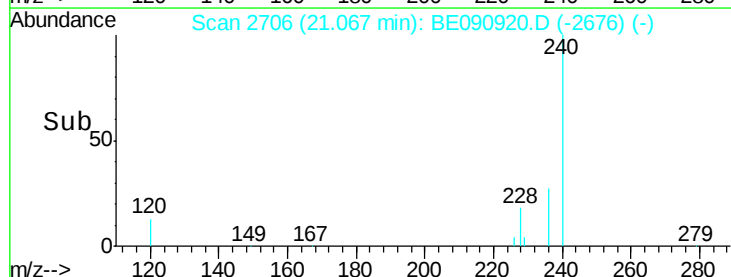
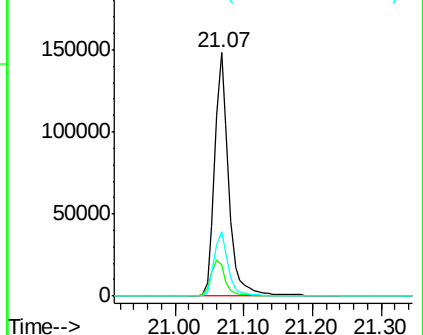
236 26.6 21.9 32.9

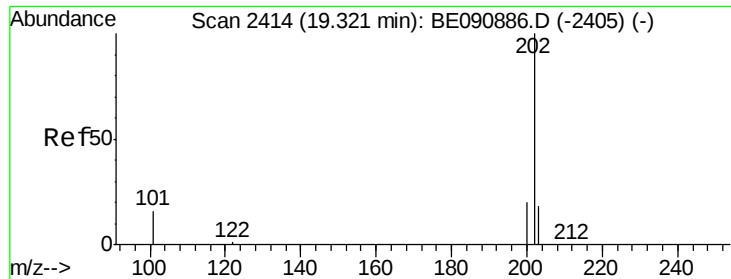


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#27

Pvrene

Concen: 3.65 ng

RT: 19.32 min Scan# 2414

Delta R.T. -0.01 min

Lab File: BE090920.D

Acq: 21 Sep 2015 16:14

Instrument :

BNA_E

ClientSampleId :

PB85661BSD

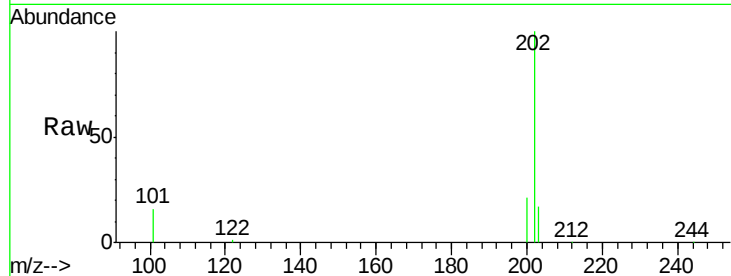
Tot Ion:202 Resp: 175289

Ion Ratio Lower Upper

202 100

200 21.3 16.7 25.1

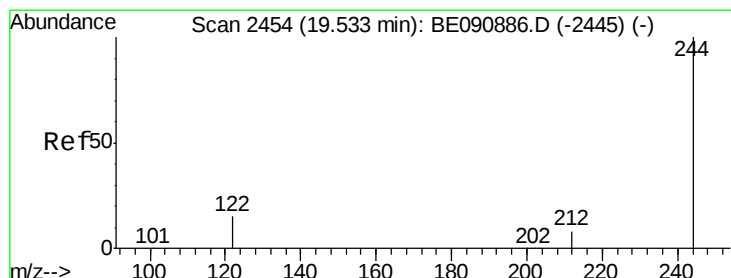
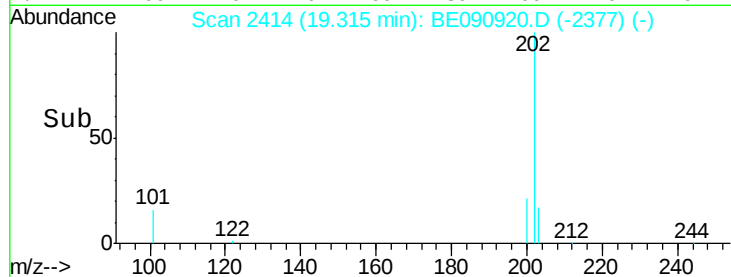
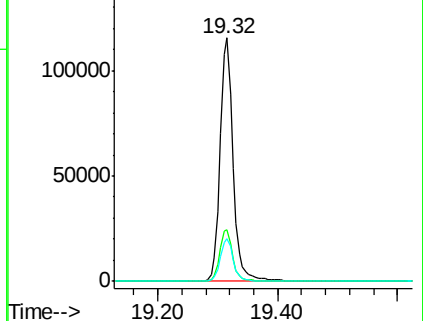
203 17.8 13.8 20.6



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



#28

Terphenyl-d14

Concen: 4.18 ng

RT: 19.53 min Scan# 2454

Delta R.T. -0.00 min

Lab File: BE090920.D

Acq: 21 Sep 2015 16:14

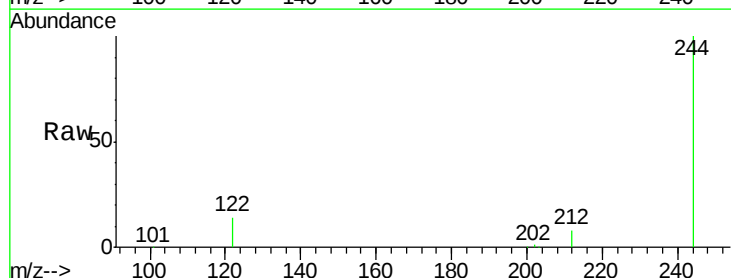
Tgt Ion:244 Resp: 99669

Ion Ratio Lower Upper

244 100

212 8.2 6.9 10.3

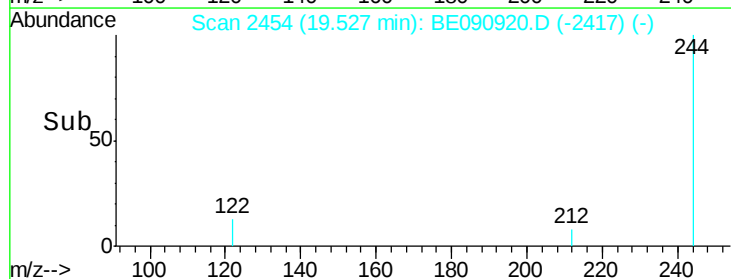
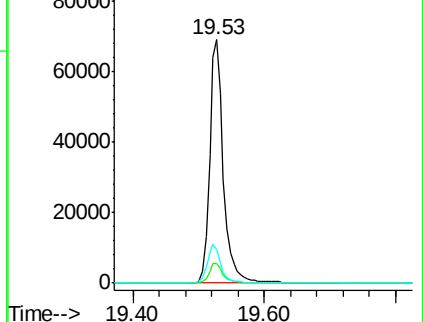
122 13.8 12.9 19.3

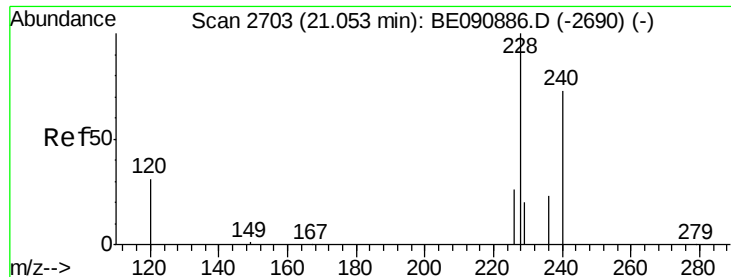


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#29

Benzo(a)anthracene

Concen: 3.47 ng

RT: 21.05 min Scan# 2703

Delta R.T. -0.01 min

Lab File: BE090920.D

Acq: 21 Sep 2015 16:14

Instrument :

BNA_E

ClientSampleId :

PB85661BSD

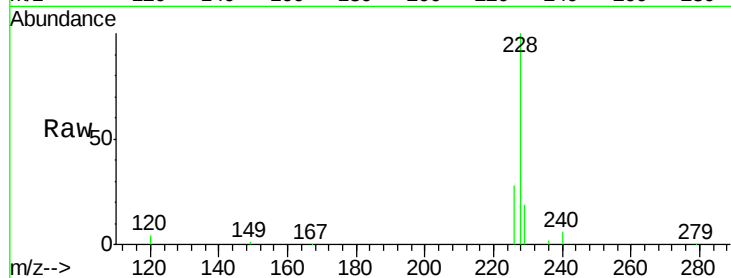
Tot Ion:228 Resp: 180176

Ion Ratio Lower Upper

228 100

226 27.6 21.6 32.4

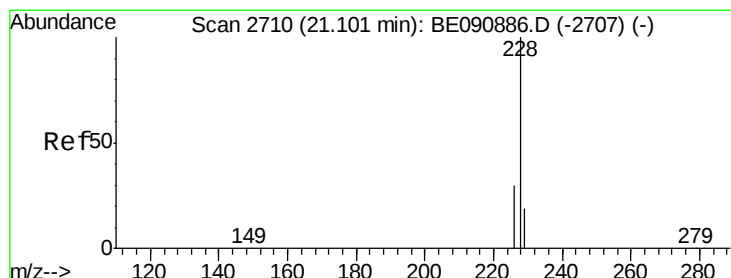
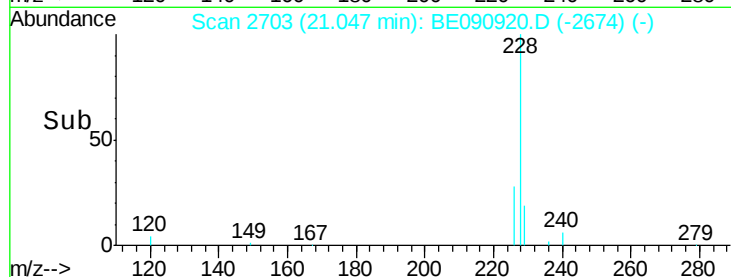
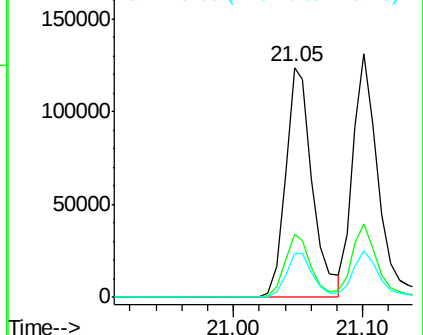
229 19.2 15.9 23.9



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: 3.73 ng

RT: 21.10 min Scan# 2711

Delta R.T. 0.00 min

Lab File: BE090920.D

Acq: 21 Sep 2015 16:14

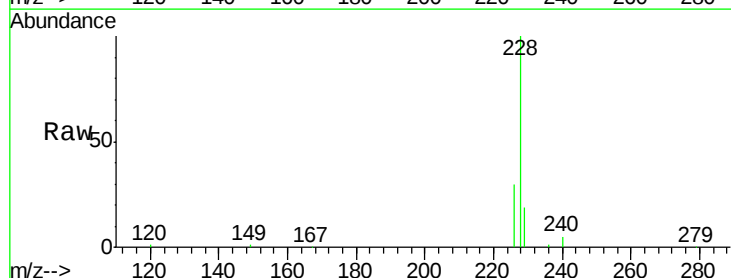
Tgt Ion:228 Resp: 182372

Ion Ratio Lower Upper

228 100

226 29.9 24.2 36.4

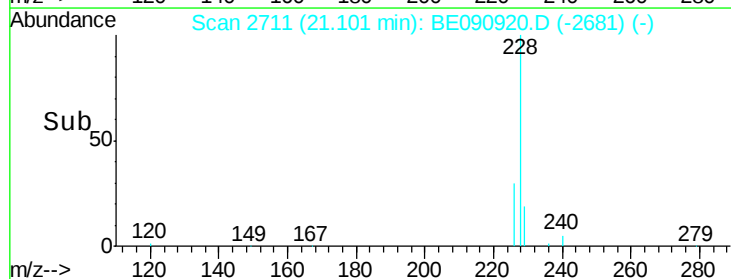
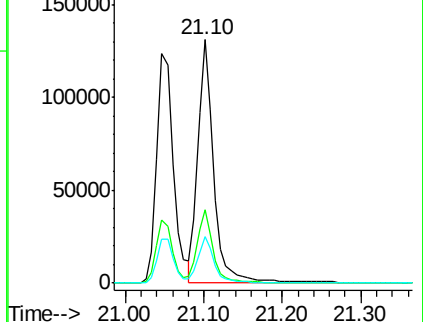
229 19.4 15.3 22.9

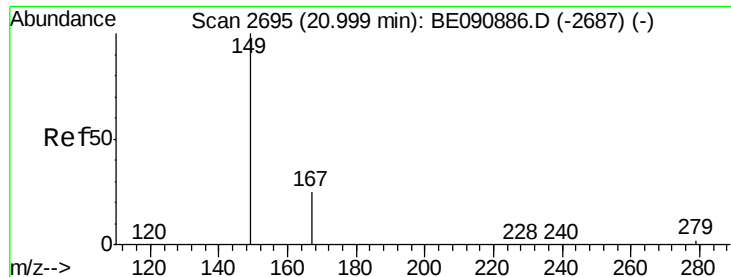


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

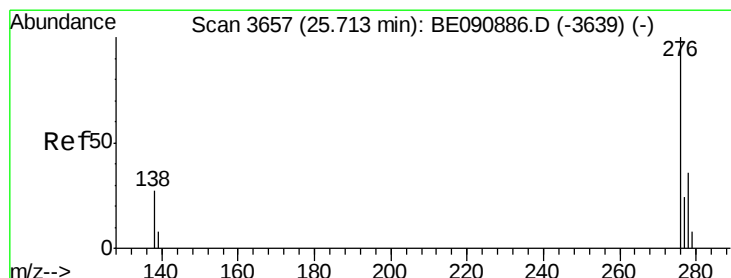
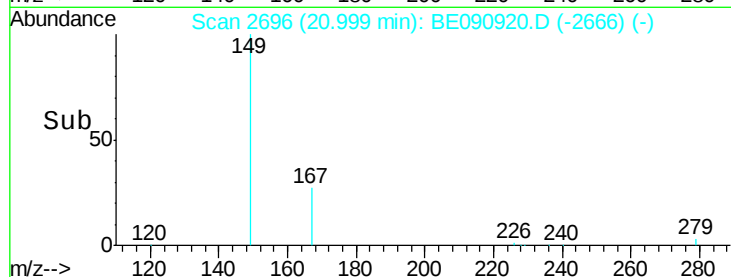
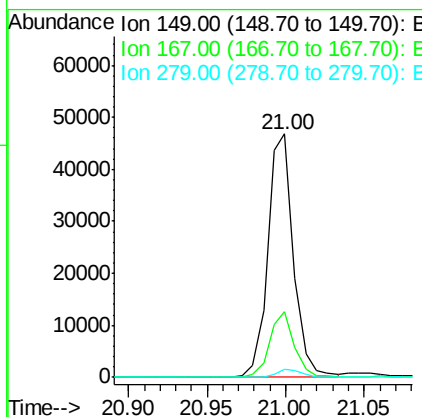
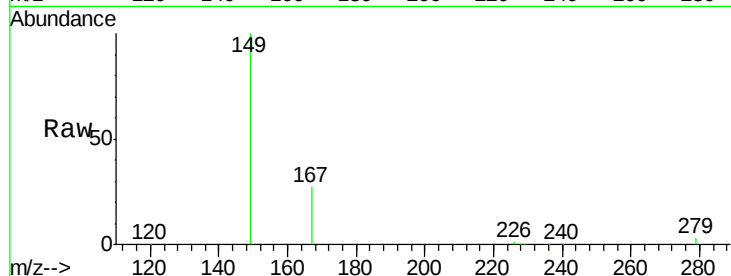




#31
 Bis(2-ethylhexyl)phthalate
 Concen: 2.32 ng
 RT: 21.00 min Scan# 2696
 Delta R.T. 0.00 min
 Lab File: BE090920.D
 Acq: 21 Sep 2015 16:14

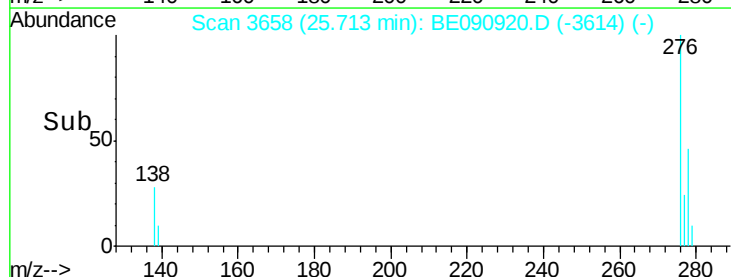
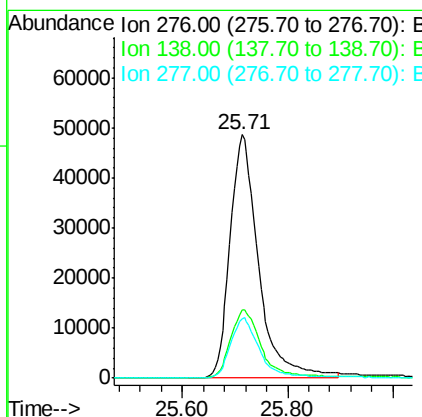
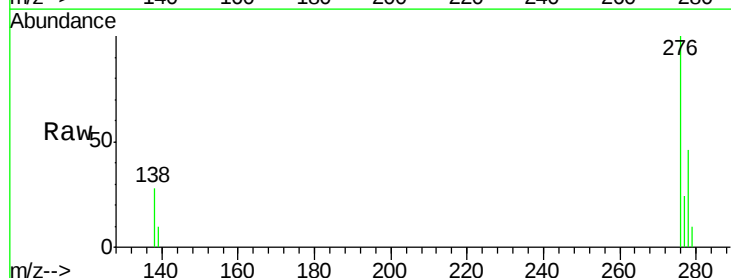
Instrument :
 BNA_E
 ClientSampleId :
 PB85661BSD

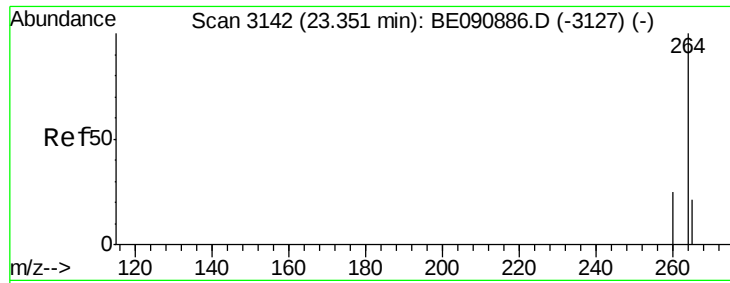
Tot Ion:149 Resp: 53347
 Ion Ratio Lower Upper
 149 100
 167 25.9 20.1 30.1
 279 3.0 2.3 3.5



#32
 Indeno(1,2,3-cd)pyrene
 Concen: 2.98 ng
 RT: 25.71 min Scan# 3658
 Delta R.T. -0.00 min
 Lab File: BE090920.D
 Acq: 21 Sep 2015 16:14

Tgt Ion:276 Resp: 182549
 Ion Ratio Lower Upper
 276 100
 138 30.0 23.3 34.9
 277 25.1 19.8 29.6

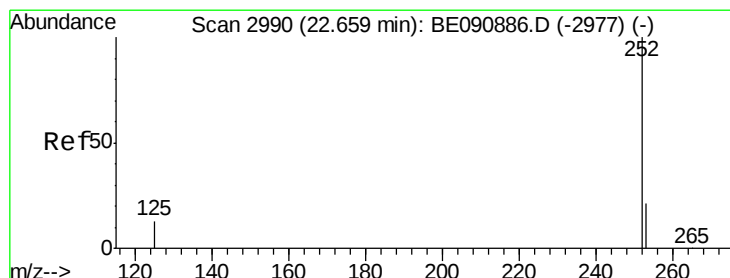
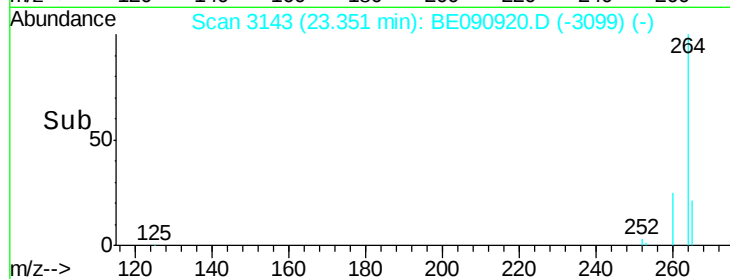
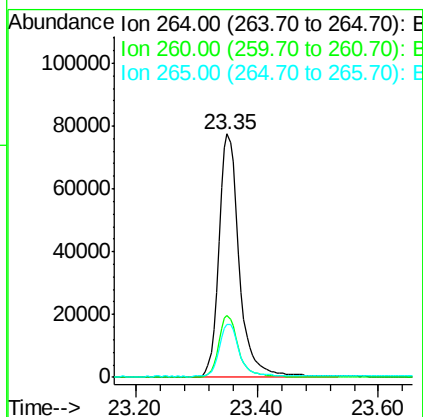
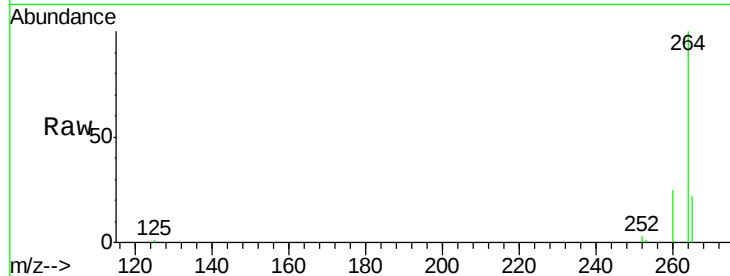




#33
Pervlene-d12
Concen: 5.00 ng
RT: 23.35 min Scan# 3143
Delta R.T. 0.00 min
Lab File: BE090920.D
Acq: 21 Sep 2015 16:14

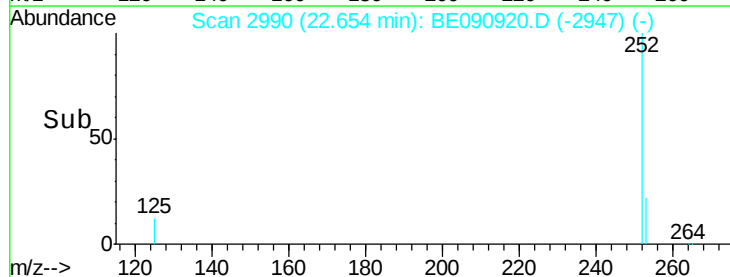
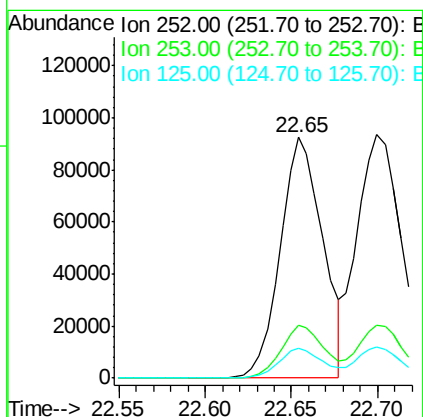
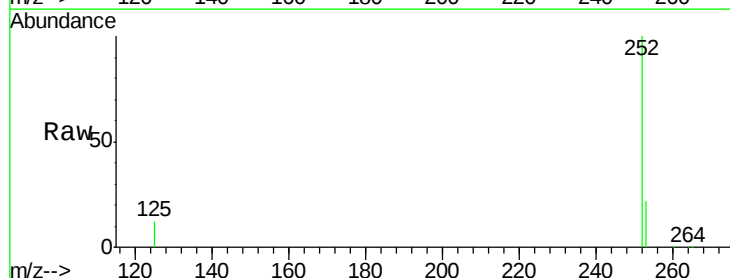
Instrument :
BNA_E
ClientSampleId :
PB85661BSD

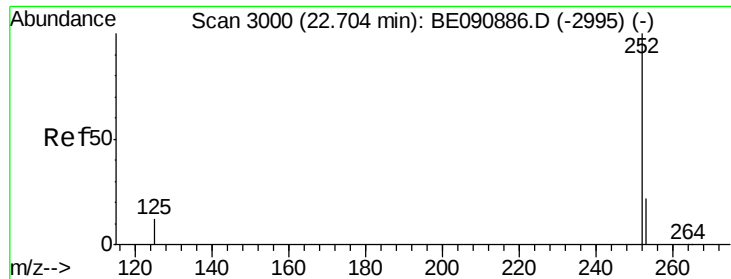
Tot Ion:264 Resp: 181121
Ion Ratio Lower Upper
264 100
260 25.3 19.7 29.5
265 21.6 17.5 26.3



#34
Benzo(b)fluoranthene
Concen: 3.71 ng
RT: 22.65 min Scan# 2990
Delta R.T. -0.00 min
Lab File: BE090920.D
Acq: 21 Sep 2015 16:14

Tgt Ion:252 Resp: 157446
Ion Ratio Lower Upper
252 100
253 21.8 17.9 26.9
125 12.5 10.6 16.0





#35

Benzo(k)fluoranthene

Concen: 3.80 ng

RT: 22.70 min Scan# 3000

Delta R.T. -0.00 min

Lab File: BE090920.D

Acq: 21 Sep 2015 16:14

Instrument :

BNA_E

ClientSampleId :

PB85661BSD

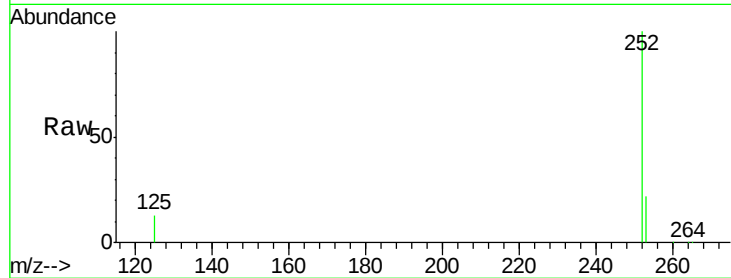
Tot Ion:252 Resp: 185497

Ion Ratio Lower Upper

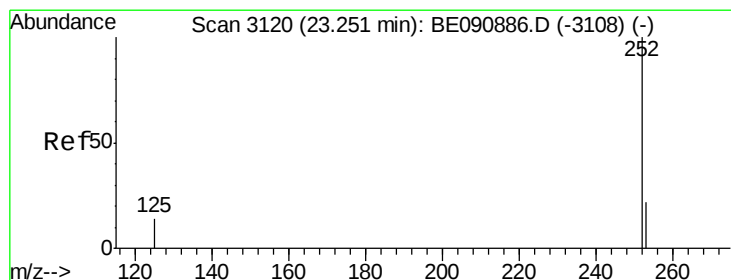
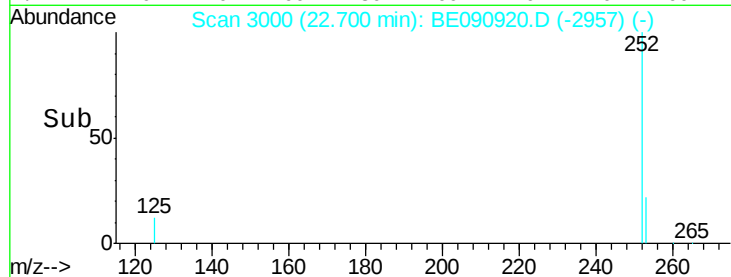
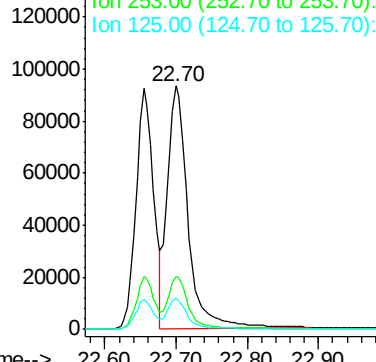
252 100

253 21.9 17.9 26.9

125 12.6 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



#36

Benzo(a)pyrene

Concen: 3.69 ng

RT: 23.25 min Scan# 3120

Delta R.T. -0.00 min

Lab File: BE090920.D

Acq: 21 Sep 2015 16:14

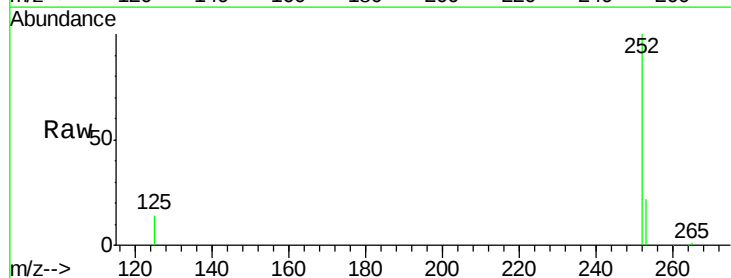
Tgt Ion:252 Resp: 148862

Ion Ratio Lower Upper

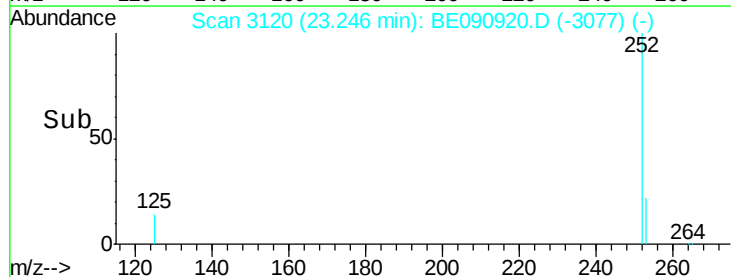
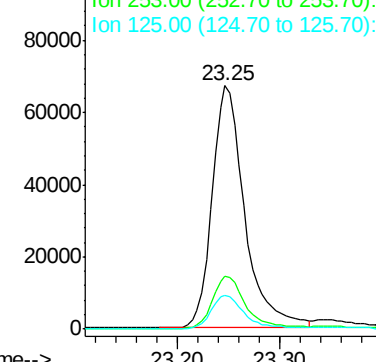
252 100

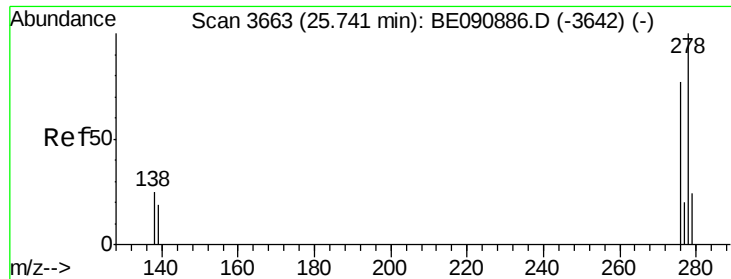
253 21.9 17.2 25.8

125 13.8 18.0 27.0#



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



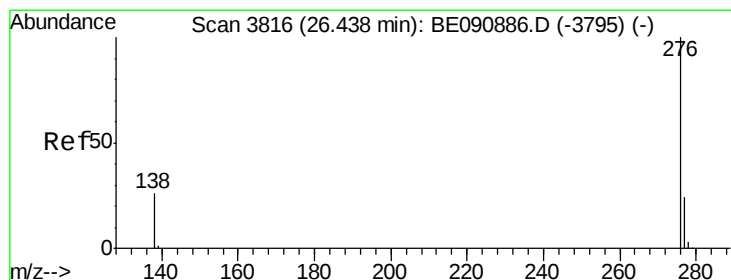
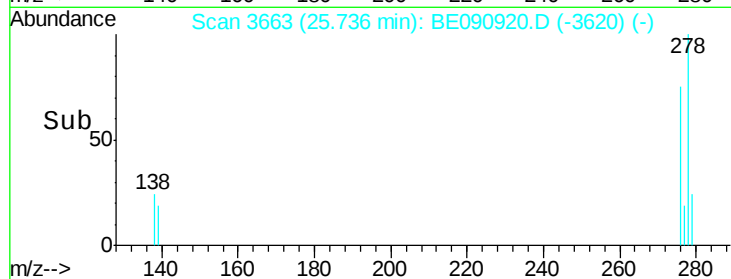
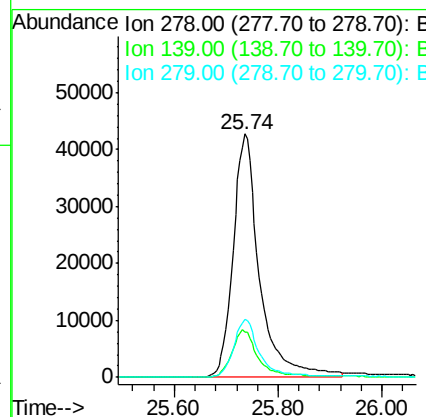
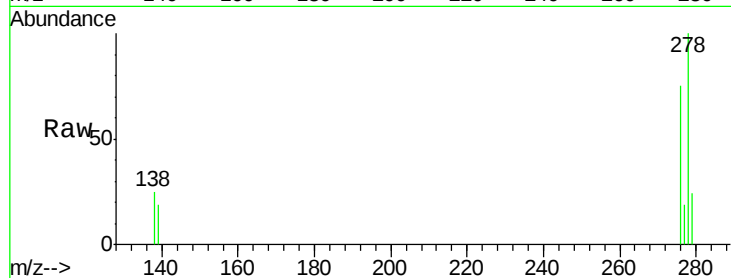


#37
Dibenzo(a,h)anthracene
Concen: 3.56 ng
RT: 25.74 min Scan# 3663
Delta R.T. -0.00 min
Lab File: BE090920.D
Acq: 21 Sep 2015 16:14

Instrument :
BNA_E
ClientSampleId :
PB85661BSD

Tot Ion:278 Resp: 149492

Ion	Ratio	Lower	Upper
278	100		
139	18.7	15.4	23.0
279	24.0	18.8	28.2



#38
Benzo(g,h,i)perylene
Concen: 3.46 ng
RT: 26.44 min Scan# 3817
Delta R.T. -0.00 min
Lab File: BE090920.D
Acq: 21 Sep 2015 16:14

Tgt Ion:276 Resp: 155442

Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.5	27.7
138	25.8	20.1	30.1

