

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE090115\
 Data File : BE090673.D
 Acq On : 1 Sep 2015 19:19
 Operator : UM/IZ
 Sample : SSTDICCC001
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICCC001

Quant Time: Sep 02 01:30:39 2015
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 02 01:28:15 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	48112	5.00	ng	0.00
6) Naphthalene-d8	10.31	136	204950	5.00	ng	0.00
12) Acenaphthene-d10	14.17	164	99119	5.00	ng	0.00
18) Phenanthrene-d10	16.91	188	249198	5.00	ng	0.00
25) Chrysene-d12	21.07	240	313353	5.00	ng	0.00
32) Perylene-d12	23.36	264	274127	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.19	112	9391	0.70	ng	0.00
5) Phenol-d6	6.75	99	12724	0.65	ng	0.00
7) Nitrobenzene-d5	8.71	82	13515	0.84	ng	0.00
13) 2,4,6-Tribromophenol	15.68	330	2393	0.65	ng	0.00
14) 2-Fluorobiphenyl	12.80	172	27032	0.92	ng	0.00
27) Terphenyl-d14	19.54	244	33113	0.61	ng	0.00

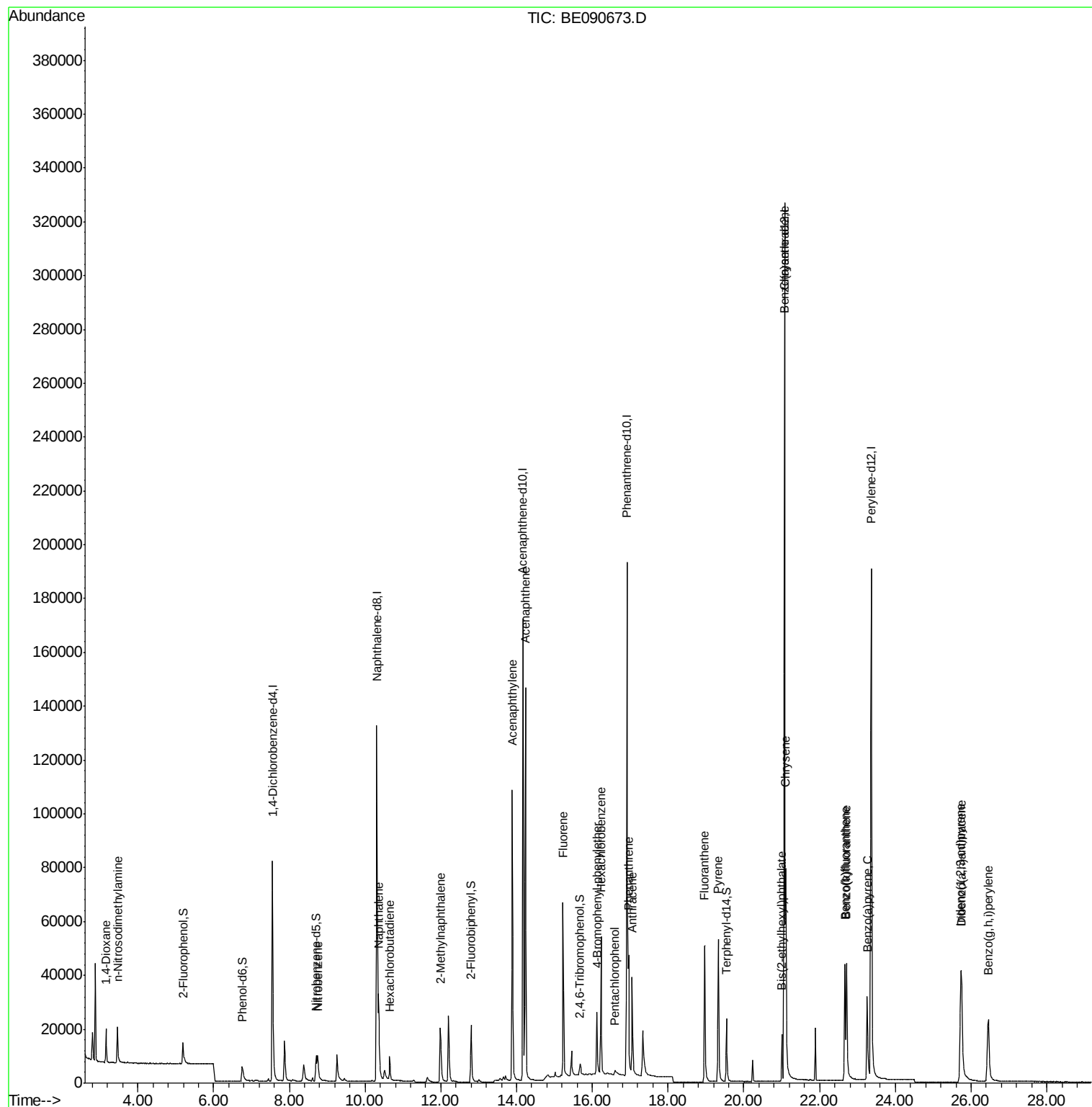
Target Compounds					Qvalue
2) 1,4-Dioxane	3.16	88	7619	1.18	ng 100
3) n-Nitrosodimethylamine	3.45	42	9411	1.11	ng 100
8) Nitrobenzene	8.75	77	14390	0.86	ng 100
9) Naphthalene	10.36	128	44501	0.96	ng 100
10) Hexachlorobutadiene	10.65	225	7233	1.05	ng 100
11) 2-Methylnaphthalene	11.99	142	23432	0.79	ng 100
15) Acenaphthylene	13.89	152	152097	0.86	ng 100
16) Acenaphthene	14.23	154	26766	0.98	ng 100
17) Fluorene	15.22	166	32713	0.98	ng 100
19) 4-Bromophenyl-phenylether	16.13	248	8167	0.82	ng 100
20) Hexachlorobenzene	16.23	284	45615	1.01	ng 99
21) Pentachlorophenol	16.60	266	2038	0.53	ng 100
22) Phenanthrene	16.96	178	61488	0.95	ng 100
23) Anthracene	17.05	178	49570	0.84	ng 100
24) Fluoranthene	18.97	202	60252	0.88	ng 100
26) Pyrene	19.33	202	61450	0.71	ng 100
28) Benzo(a)anthracene	21.06	228	68536	0.84	ng 100
29) Chrysene	21.11	228	79246	0.95	ng 100
30) Bis(2-ethylhexyl)phthalate	21.01	149	15888	0.37	ng 100
31) Indeno(1,2,3-cd)pyrene	25.73	276	68317	0.87	ng 100
33) Benzo(b)fluoranthene	22.67	252	57889	0.90	ng 100
34) Benzo(k)fluoranthene	22.71	252	68224	0.94	ng 100
35) Benzo(a)pyrene	23.26	252	49681	0.83	ng 100
36) Dibenzo(a,h)anthracene	25.75	278	53749	0.92	ng 100
37) Benzo(g,h,i)perylene	26.46	276	57908	0.91	ng 100

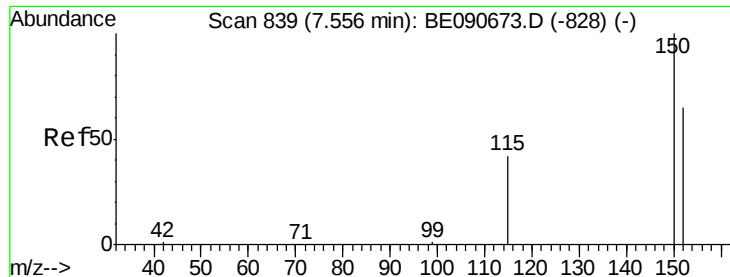
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.56 min Scan# 839

Delta R.T. 0.00 min

Lab File: BE090673.D

Acq: 1 Sep 2015 19:19

Instrument :

BNA_E

ClientSampleId :

SSTDICCC001

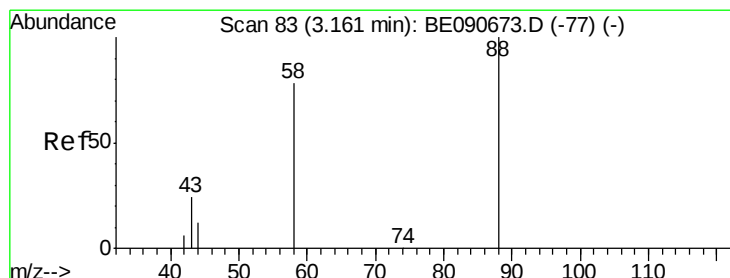
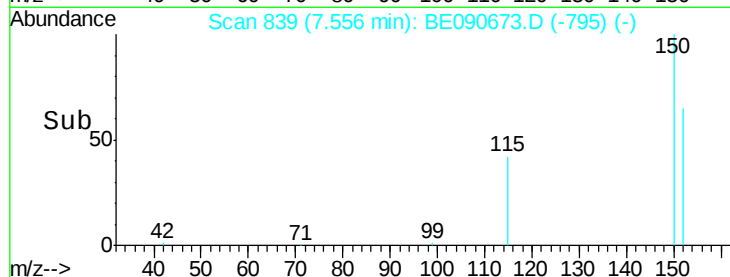
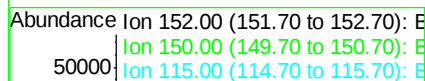
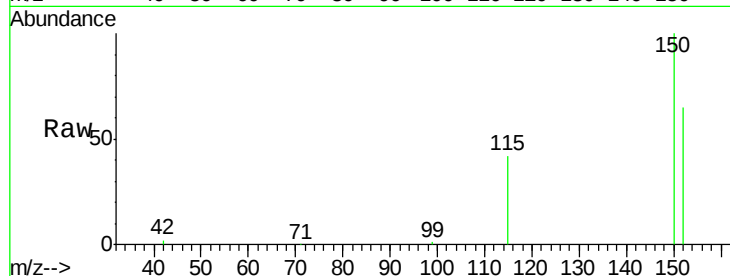
Tgt Ion:152 Resp: 48112

Ion Ratio Lower Upper

152 100

150 152.8 122.2 183.4

115 63.7 51.0 76.4



#2

1,4-Dioxane

Concen: 1.18 ng

RT: 3.16 min Scan# 83

Delta R.T. 0.00 min

Lab File: BE090673.D

Acq: 1 Sep 2015 19:19

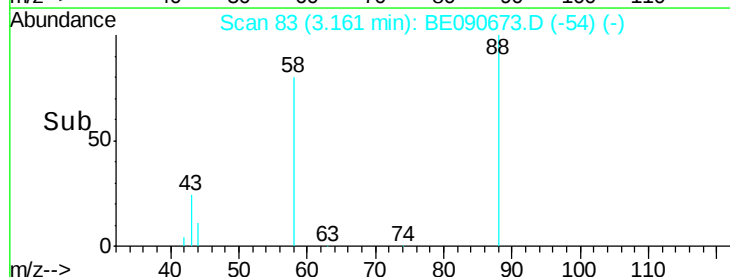
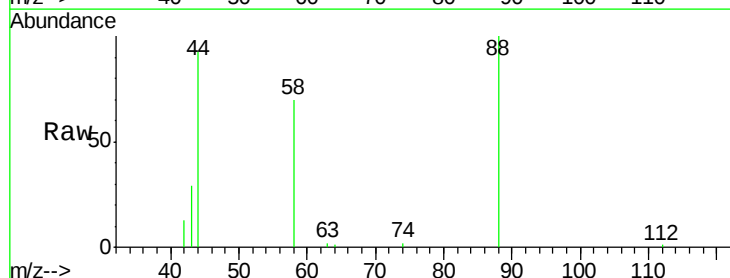
Tgt Ion: 88 Resp: 7619

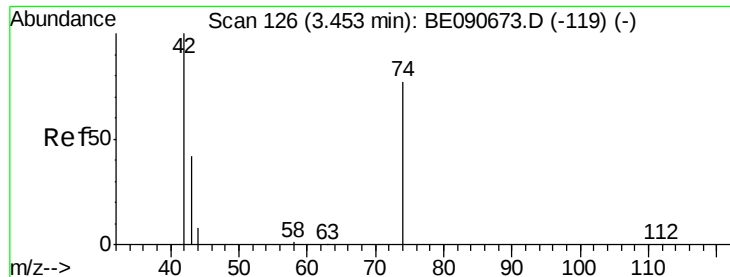
Ion Ratio Lower Upper

88 100

58 85.5 68.4 102.6

43 33.6 26.9 40.3





#3

n-Nitrosodimethylamine

Concen: 1.11 ng

RT: 3.45 min Scan# 126

Delta R.T. 0.00 min

Lab File: BE090673.D

Acq: 1 Sep 2015 19:19

Instrument :

BNA_E

ClientSampleId :

SSTDICCC001

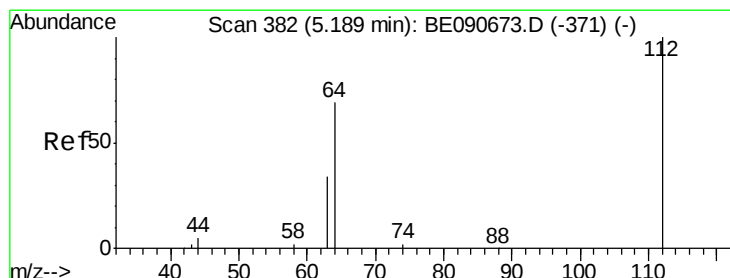
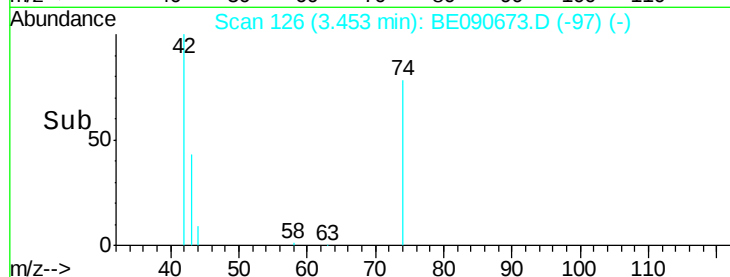
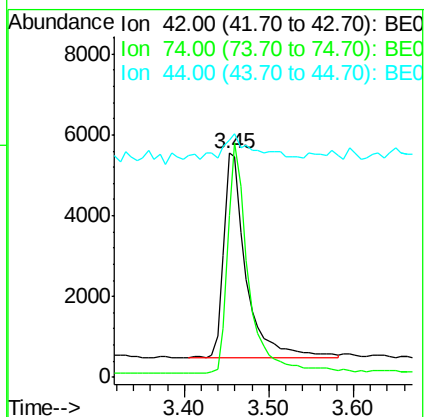
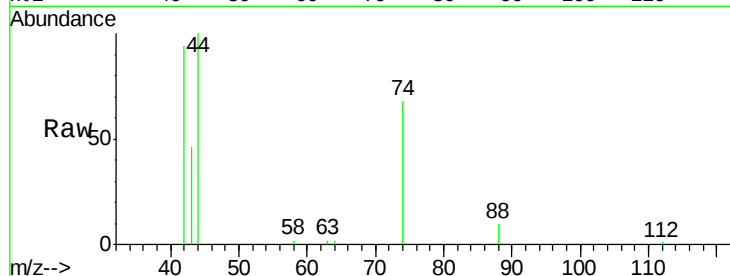
Tgt Ion: 42 Resp: 9411

Ion Ratio Lower Upper

42 100

74 104.6 83.7 125.5

44 12.5 10.0 15.0



#4

2-Fluorophenol

Concen: 0.70 ng

RT: 5.19 min Scan# 382

Delta R.T. 0.00 min

Lab File: BE090673.D

Acq: 1 Sep 2015 19:19

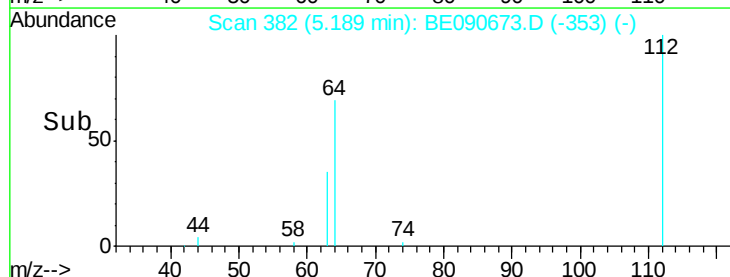
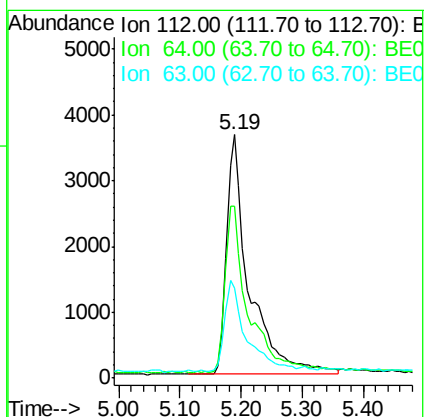
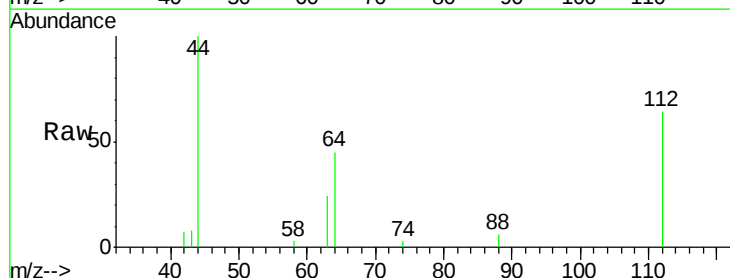
Tgt Ion: 112 Resp: 9391

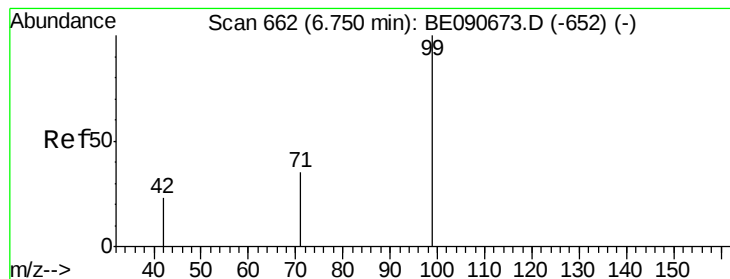
Ion Ratio Lower Upper

112 100

64 71.0 57.3 85.9

63 36.5 29.2 43.8





#5

Phenol-d6

Concen: 0.65 ng

RT: 6.75 min Scan# 662

Delta R.T. 0.00 min

Lab File: BE090673.D

Acq: 1 Sep 2015 19:19

Instrument :

BNA_E

ClientSampleId :

SSTDICCC001

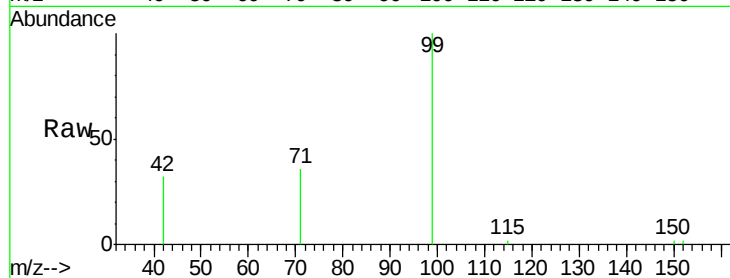
Tgt Ion: 99 Resp: 12724

Ion Ratio Lower Upper

99 100

42 21.0 16.8 25.2

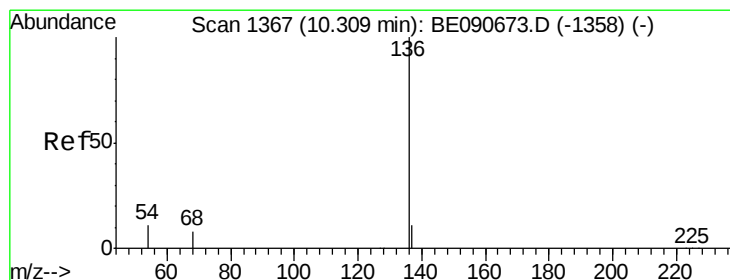
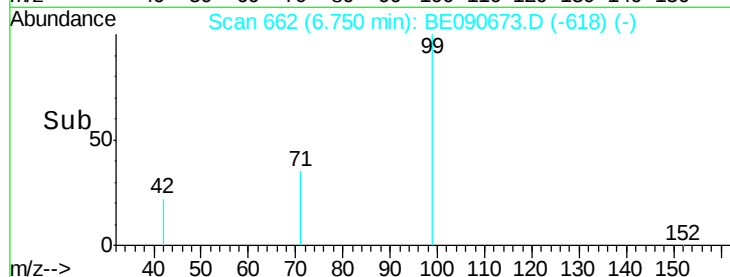
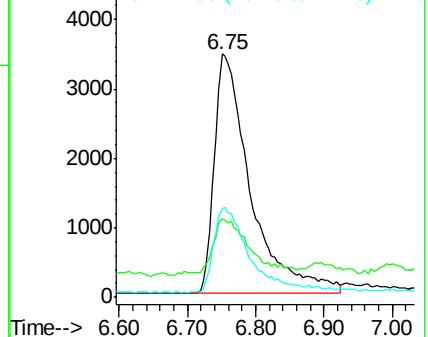
71 35.4 28.3 42.5



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

Naphthalene-d8

Concen: 5.00 ng

RT: 10.31 min Scan# 1367

Delta R.T. 0.00 min

Lab File: BE090673.D

Acq: 1 Sep 2015 19:19

Tgt Ion: 136 Resp: 204950

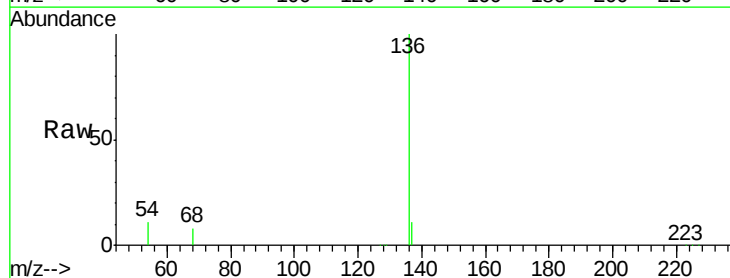
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 11.3 9.0 13.6

68 7.9 6.3 9.5

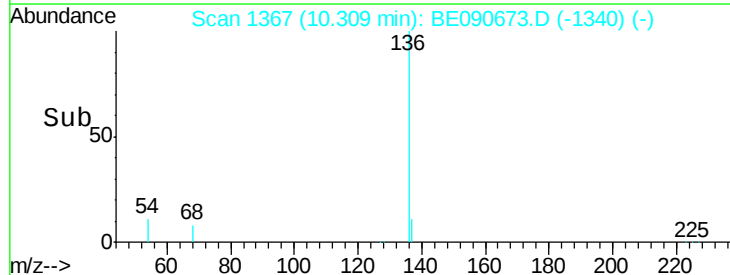
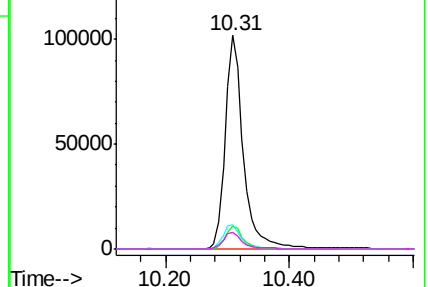


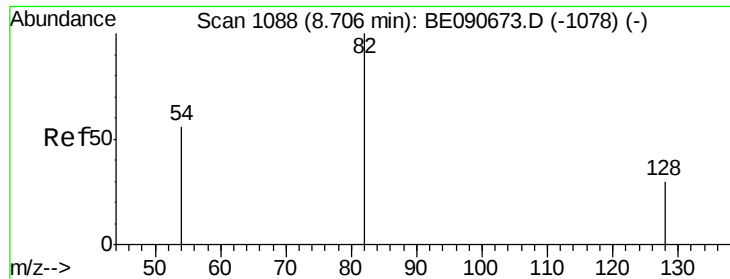
Abundance Ion 136.00 (135.70 to 136.70): E

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





#7

Nitrobenzene-d5

Concen: 0.84 ng

RT: 8.71 min Scan# 1088

Delta R.T. 0.00 min

Lab File: BE090673.D

Acq: 1 Sep 2015 19:19

Instrument :

BNA_E

ClientSampleId :

SSTDICCC001

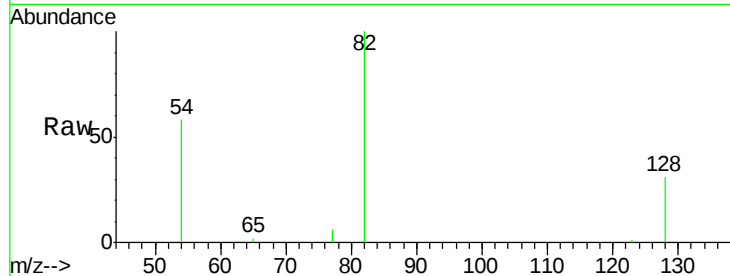
Tgt Ion: 82 Resp: 13515

Ion Ratio Lower Upper

82 100

128 31.2 25.0 37.4

54 57.9 46.3 69.5

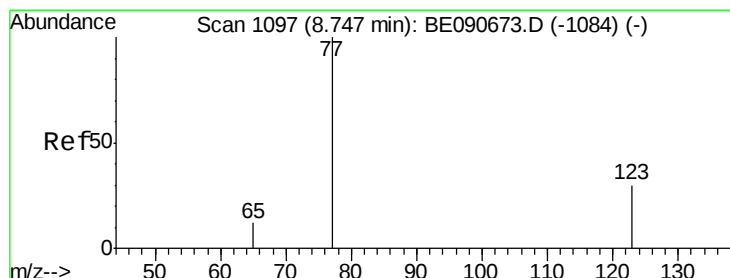
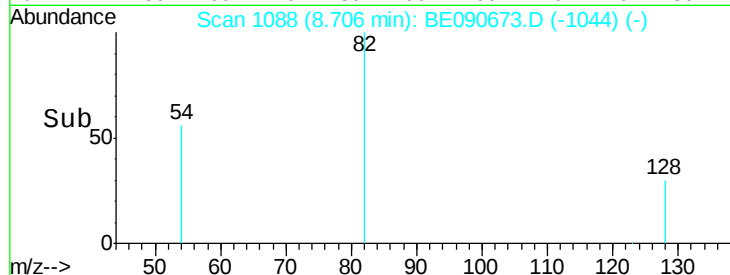


Abundance Ion 82.00 (81.70 to 82.70): BE090673.D (-1078) (-)

Ion 128.00 (127.70 to 128.70): BE090673.D (-1078) (-)

Ion 54.00 (53.70 to 54.70): BE090673.D (-1078) (-)

Time-->



#8

Nitrobenzene

Concen: 0.86 ng

RT: 8.75 min Scan# 1097

Delta R.T. 0.00 min

Lab File: BE090673.D

Acq: 1 Sep 2015 19:19

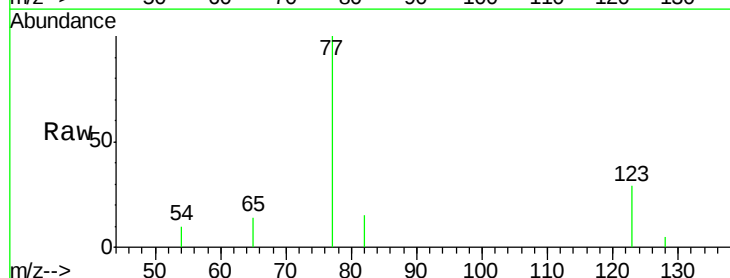
Tgt Ion: 77 Resp: 14390

Ion Ratio Lower Upper

77 100

123 31.4 25.1 37.7

65 12.4 9.9 14.9

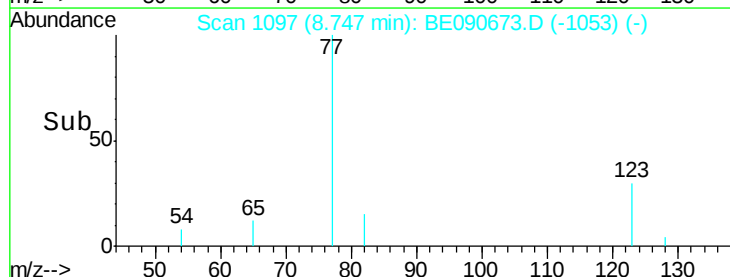


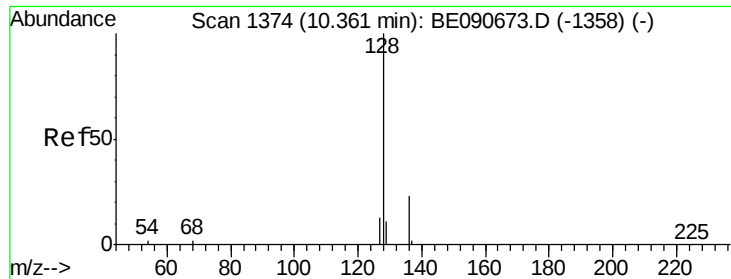
Abundance Ion 77.00 (76.70 to 77.70): BE090673.D (-1084) (-)

Ion 123.00 (122.70 to 123.70): BE090673.D (-1084) (-)

Ion 65.00 (64.70 to 65.70): BE090673.D (-1084) (-)

Time-->





#9

Naphthalene

Concen: 0.96 ng

RT: 10.36 min Scan# 1374

Delta R.T. 0.00 min

Lab File: BE090673.D

Acq: 1 Sep 2015 19:19

Instrument :

BNA_E

ClientSampleId :

SSTDICCC001

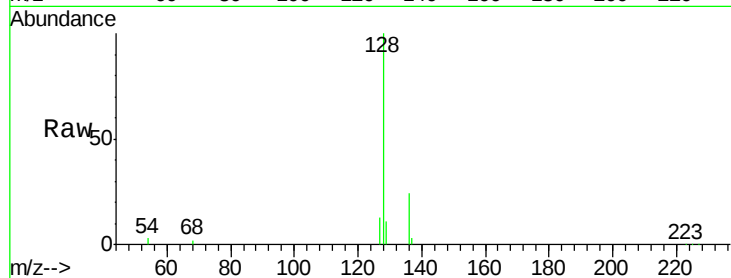
Tgt Ion:128 Resp: 44501

Ion Ratio Lower Upper

128 100

129 11.3 9.0 13.6

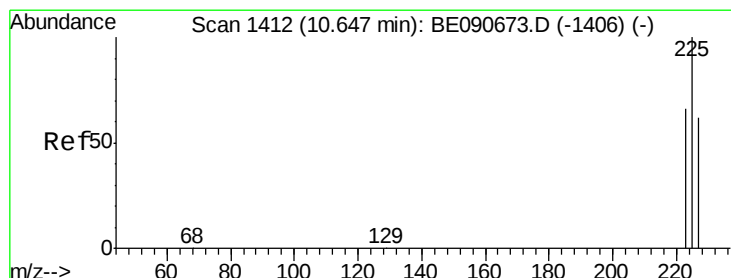
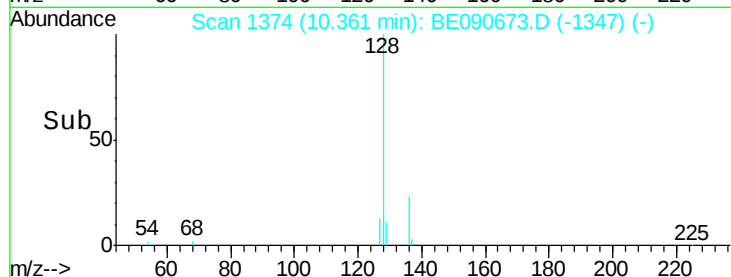
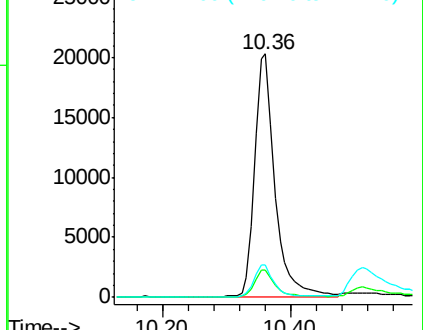
127 13.2 10.6 15.8



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 1.05 ng

RT: 10.65 min Scan# 1412

Delta R.T. 0.00 min

Lab File: BE090673.D

Acq: 1 Sep 2015 19:19

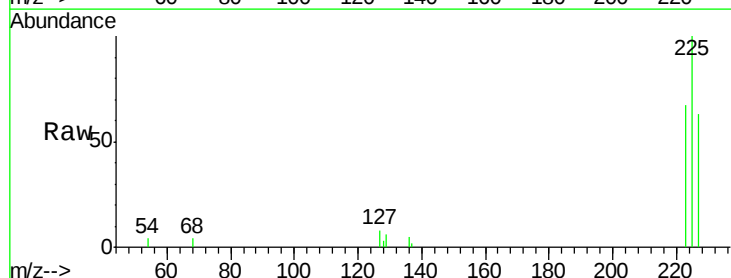
Tgt Ion:225 Resp: 7233

Ion Ratio Lower Upper

225 100

223 63.3 50.6 76.0

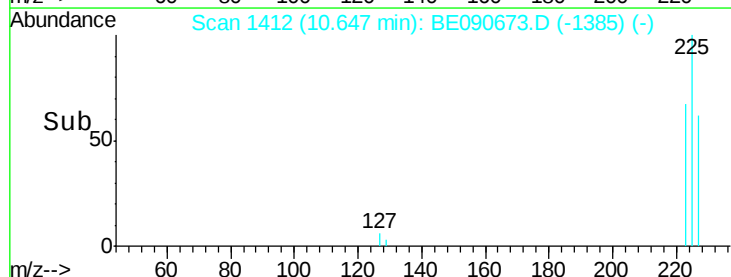
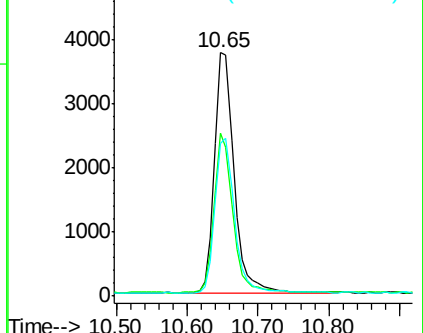
227 63.8 51.0 76.6

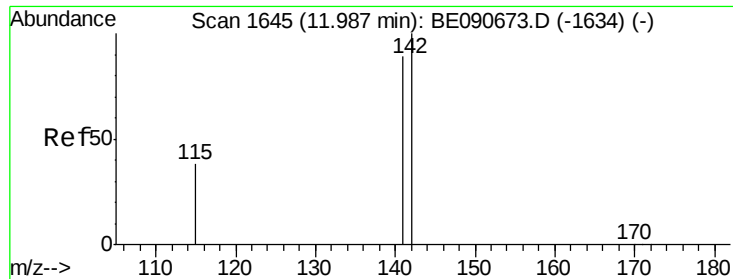


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

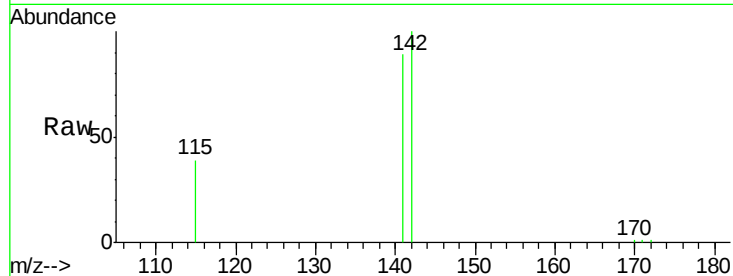




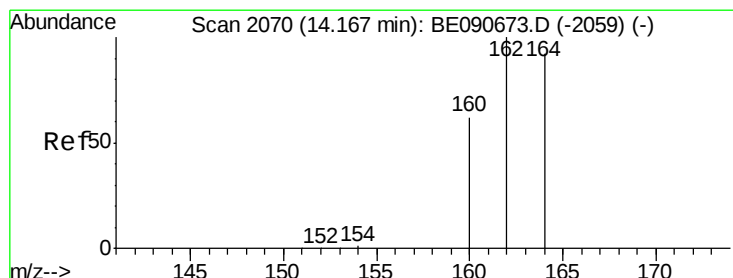
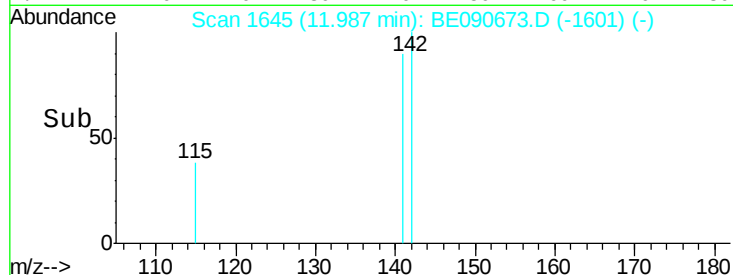
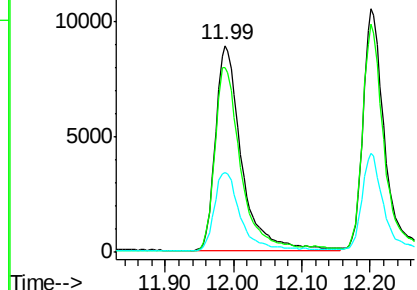
#11
2-Methylnaphthalene
Concen: 0.79 ng
RT: 11.99 min Scan# 1645
Delta R.T. 0.00 min
Lab File: BE090673.D
Acq: 1 Sep 2015 19:19

Instrument :
BNA_E
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Tgt Ion:142 Resp: 23432
Ion Ratio Lower Upper
142 100
141 89.3 71.4 107.2
115 38.7 31.0 46.4

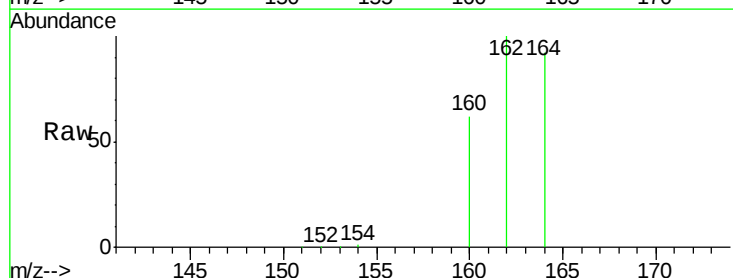


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

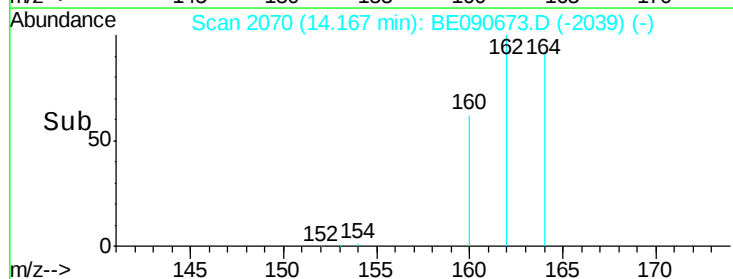
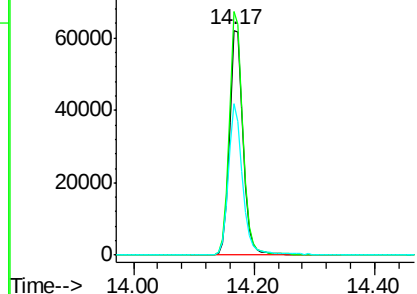


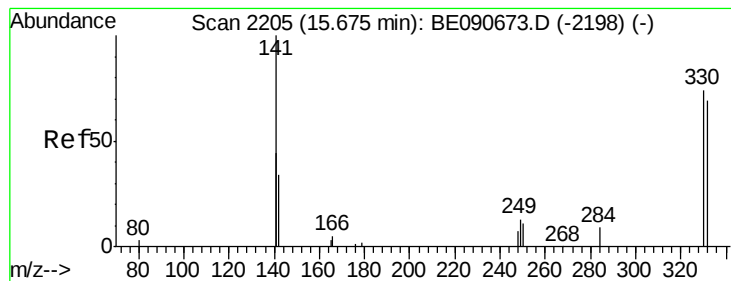
#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.17 min Scan# 2070
Delta R.T. 0.00 min
Lab File: BE090673.D
Acq: 1 Sep 2015 19:19

Tgt Ion:164 Resp: 99119
Ion Ratio Lower Upper
164 100
162 108.5 86.8 130.2
160 67.4 53.9 80.9



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#13

2,4,6-Tribromophenol

Concen: 0.65 ng

RT: 15.68 min Scan# 2205

Delta R.T. 0.00 min

Lab File: BE090673.D

Acq: 1 Sep 2015 19:19

Instrument :

BNA_E

ClientSampleId :

SSTDICCC001

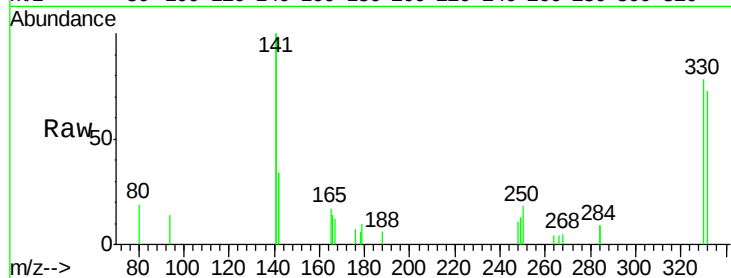
Tgt Ion:330 Resp: 2393

Ion Ratio Lower Upper

330 100

332 93.5 74.9 112.3

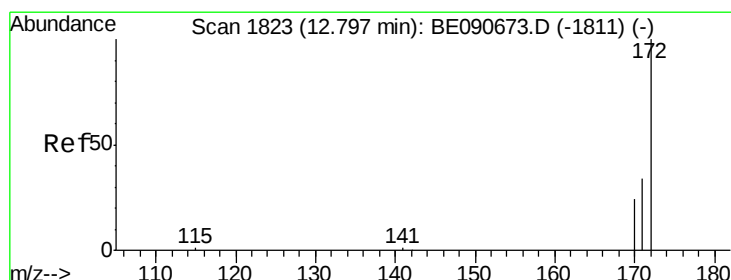
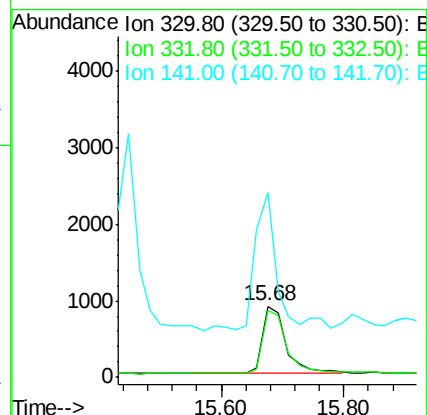
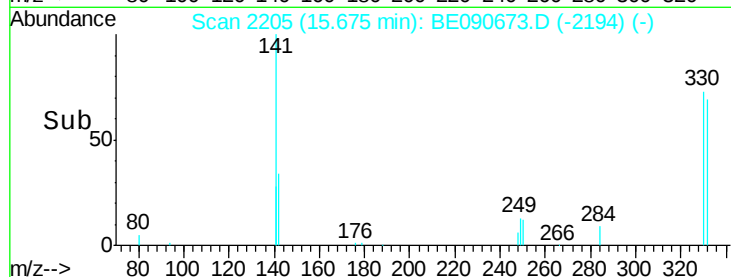
141 182.8 145.2 217.8



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#14

2-Fluorobiphenyl

Concen: 0.92 ng

RT: 12.80 min Scan# 1823

Delta R.T. 0.00 min

Lab File: BE090673.D

Acq: 1 Sep 2015 19:19

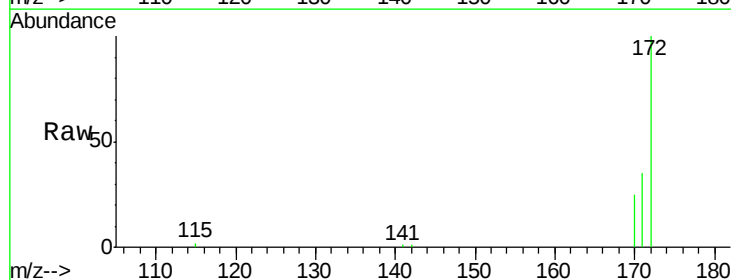
Tgt Ion:172 Resp: 27032

Ion Ratio Lower Upper

172 100

171 34.8 27.8 41.8

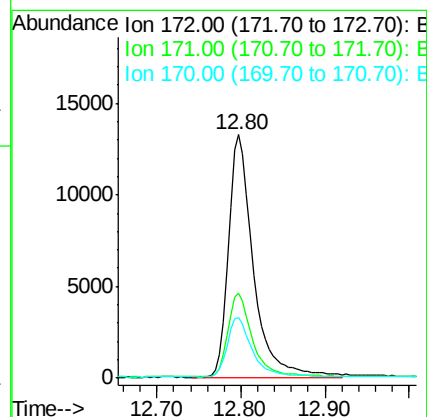
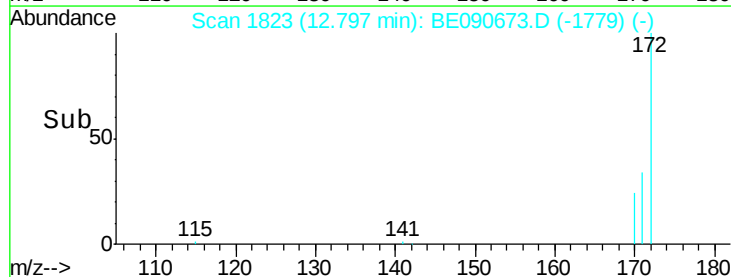
170 24.7 19.8 29.6

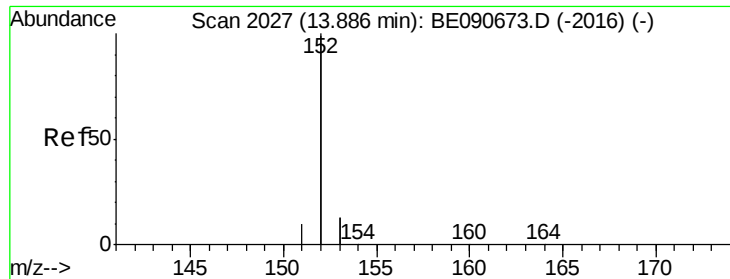


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#15

Acenaphthylene

Concen: 0.86 ng

RT: 13.89 min Scan# 2027

Delta R.T. 0.00 min

Lab File: BE090673.D

Acq: 1 Sep 2015 19:19

Instrument :

BNA_E

ClientSampleId :

SSTDICCC001

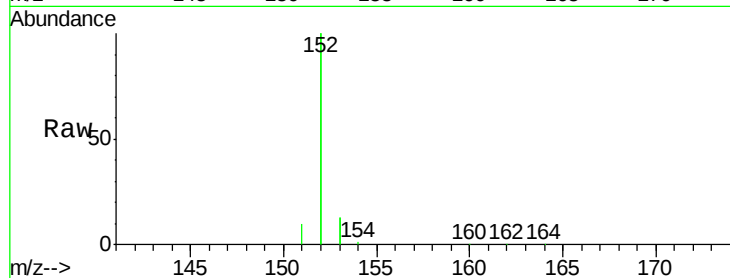
Tgt Ion:152 Resp: 152097

Ion Ratio Lower Upper

152 100

151 4.9 3.9 5.9

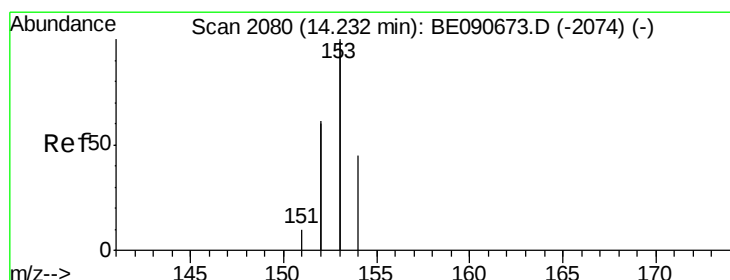
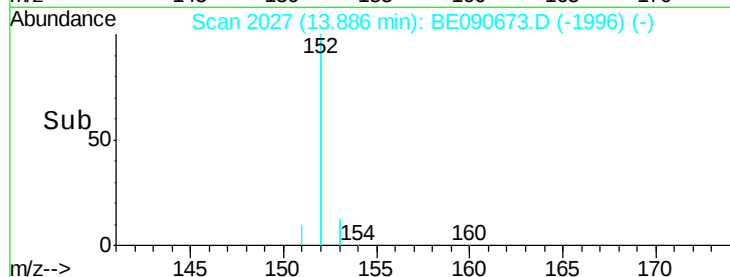
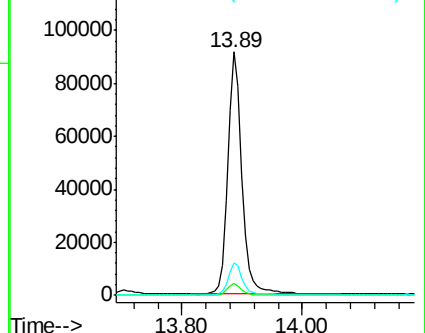
153 12.9 10.3 15.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#16

Acenaphthene

Concen: 0.98 ng

RT: 14.23 min Scan# 2080

Delta R.T. 0.00 min

Lab File: BE090673.D

Acq: 1 Sep 2015 19:19

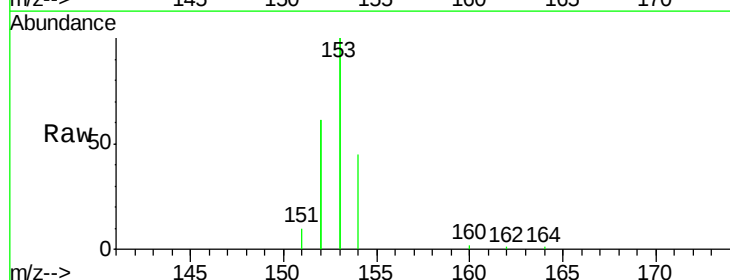
Tgt Ion:154 Resp: 26766

Ion Ratio Lower Upper

154 100

153 443.1 354.5 531.7

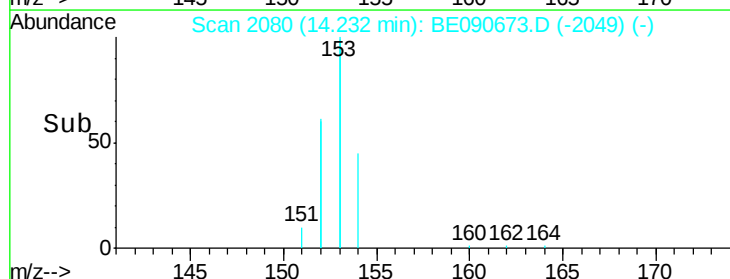
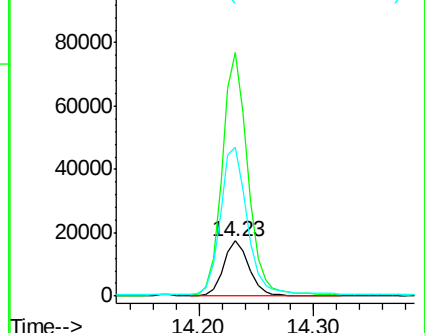
152 284.7 227.8 341.6

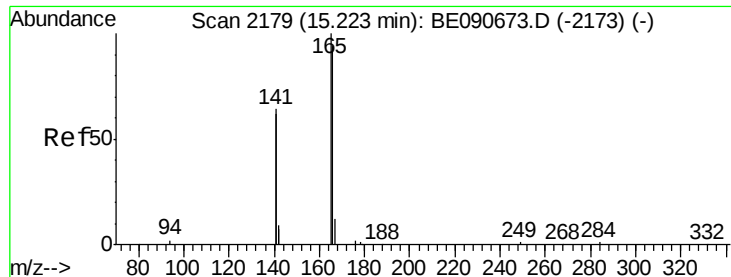


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

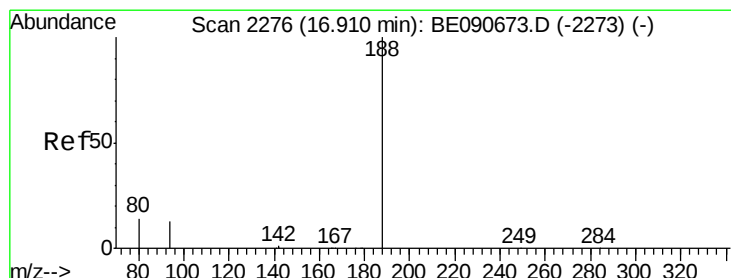
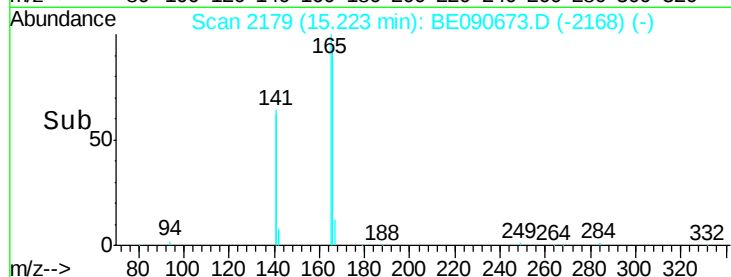
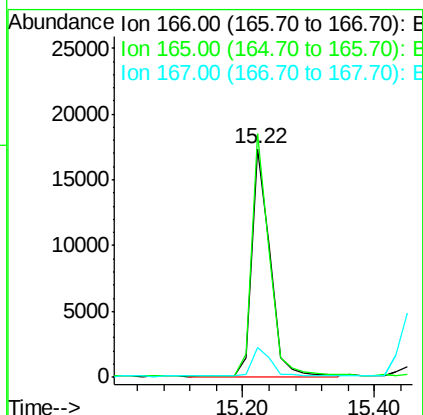
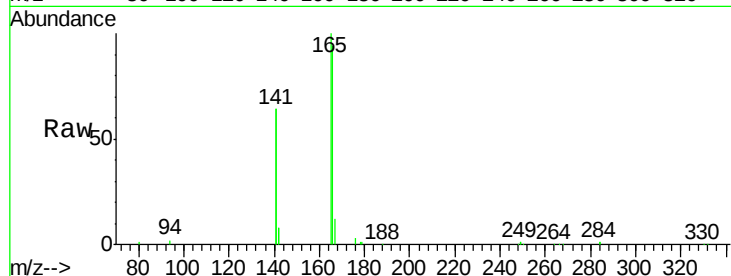




#17
Fluorene
 Concen: 0.98 ng
 RT: 15.22 min Scan# 2179
 Delta R.T. 0.00 min
 Lab File: BE090673.D
 Acq: 1 Sep 2015 19:19

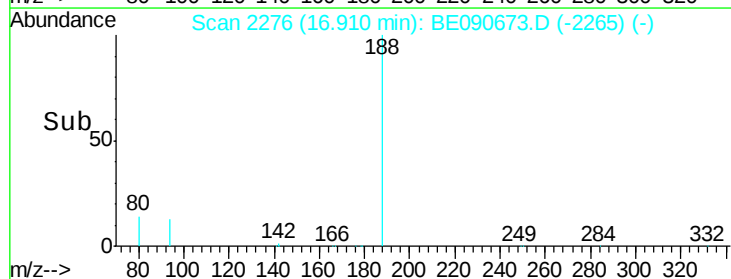
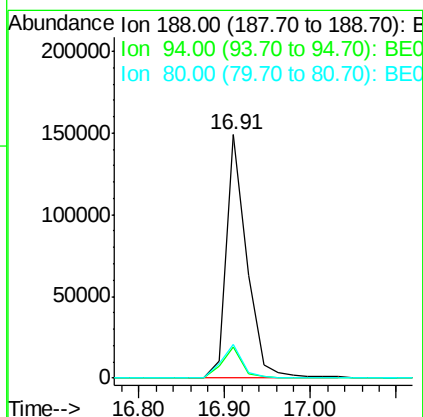
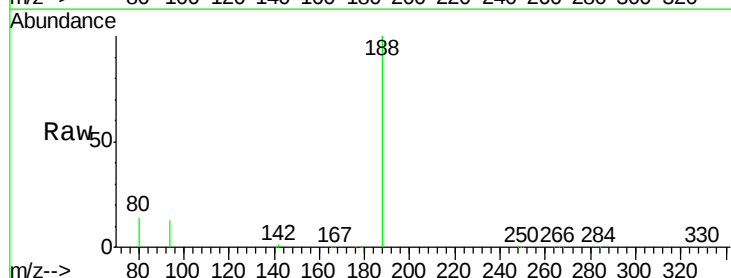
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC001

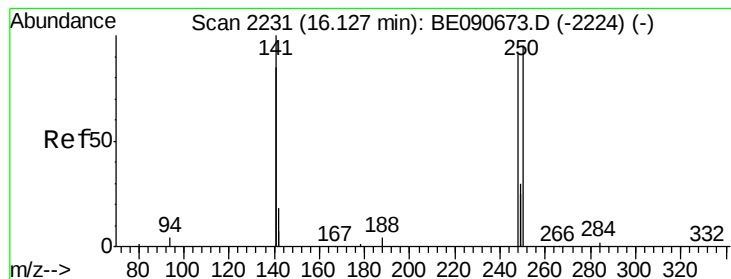
Tgt Ion:166 Resp: 32713
 Ion Ratio Lower Upper
 166 100
 165 103.2 82.7 124.1
 167 13.4 10.7 16.1



#18
Phenanthrene-d10
 Concen: 5.00 ng
 RT: 16.91 min Scan# 2276
 Delta R.T. 0.00 min
 Lab File: BE090673.D
 Acq: 1 Sep 2015 19:19

Tgt Ion:188 Resp: 249198
 Ion Ratio Lower Upper
 188 100
 94 12.9 10.3 15.5
 80 13.8 11.0 16.6





#19

4-Bromophenyl-phenylether

Concen: 0.82 ng

RT: 16.13 min Scan# 2231

Delta R.T. 0.00 min

Lab File: BE090673.D

Acq: 1 Sep 2015 19:19

Instrument :

BNA_E

ClientSampleId :

SSTDICCC001

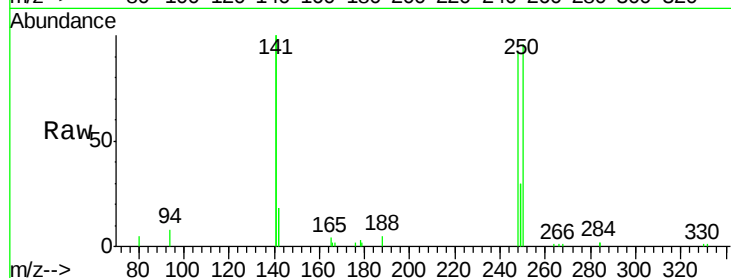
Tgt Ion:248 Resp: 8167

Ion Ratio Lower Upper

248 100

250 95.9 76.7 115.1

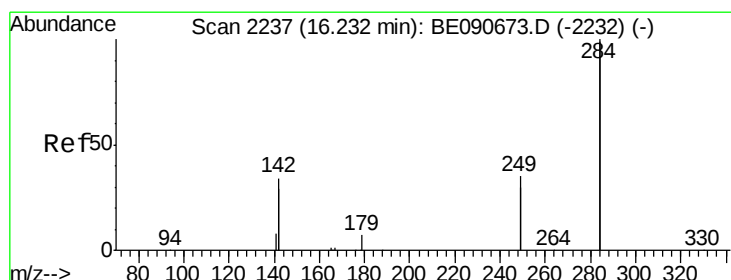
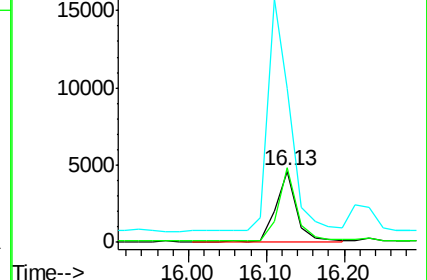
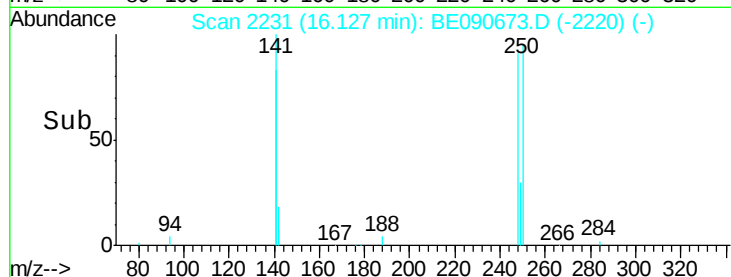
141 365.8 292.6 439.0



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



#20

Hexachlorobenzene

Concen: 1.01 ng

RT: 16.23 min Scan# 2237

Delta R.T. 0.00 min

Lab File: BE090673.D

Acq: 1 Sep 2015 19:19

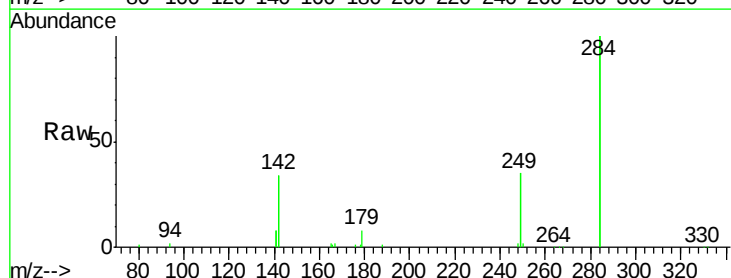
Tgt Ion:284 Resp: 45615

Ion Ratio Lower Upper

284 100

142 42.5 35.0 52.4

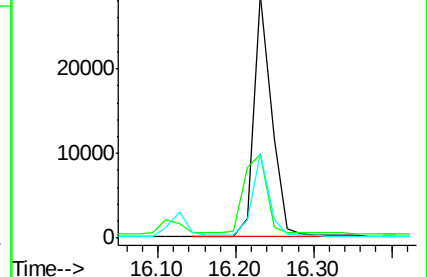
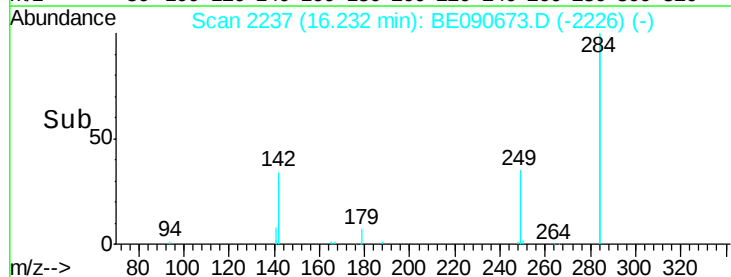
249 31.9 25.5 38.3

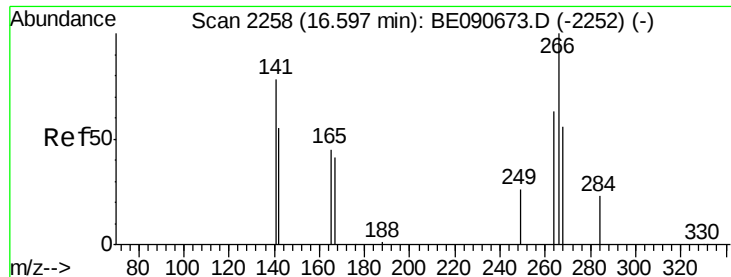


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

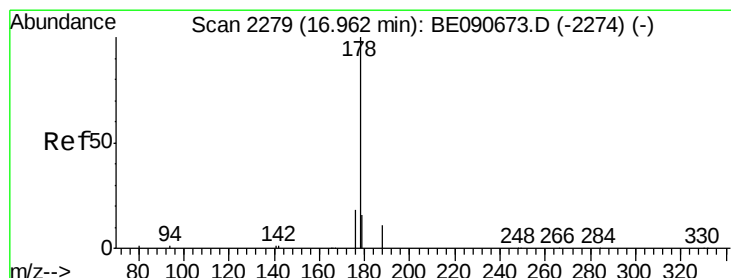
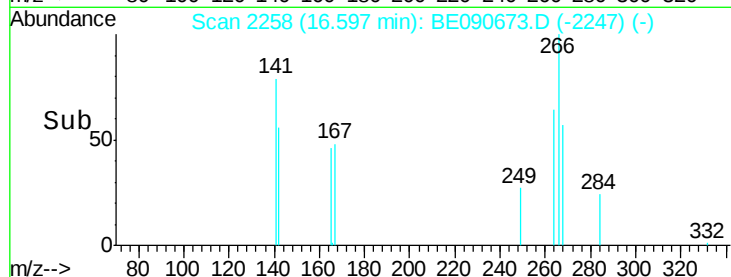
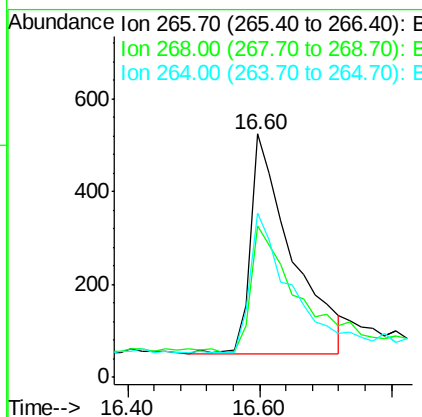
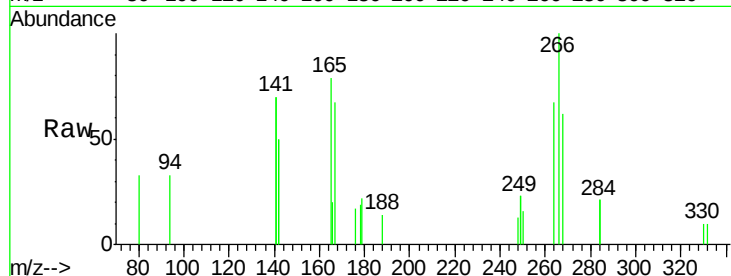




#21
 Pentachlorophenol
 Concen: 0.53 ng
 RT: 16.60 min Scan# 2258
 Delta R.T. 0.00 min
 Lab File: BE090673.D
 Acq: 1 Sep 2015 19:19

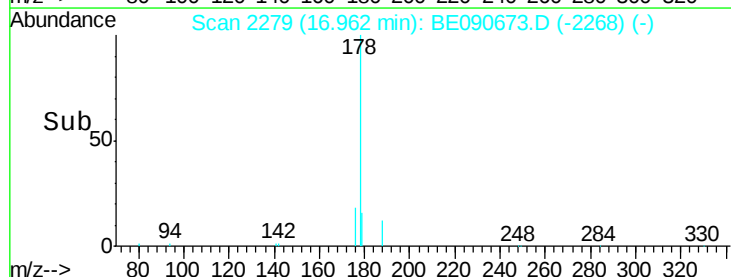
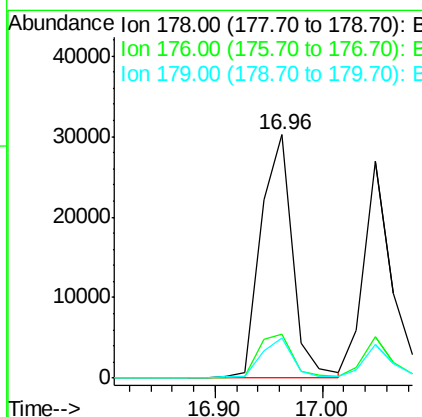
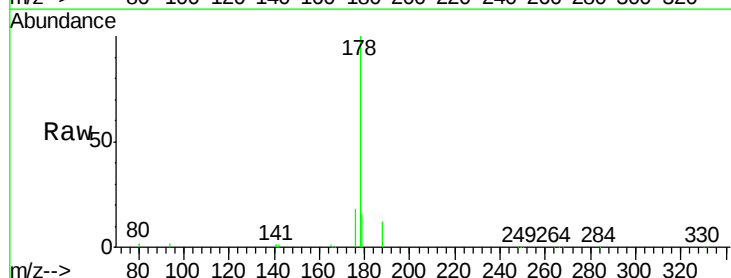
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC001

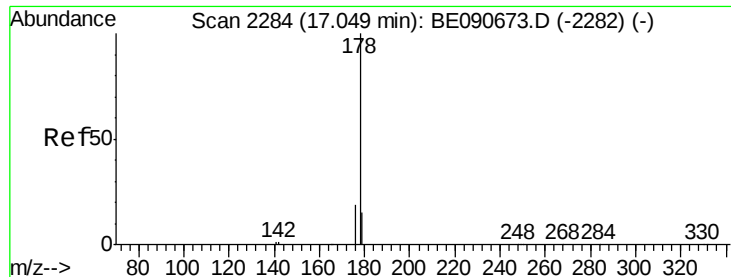
Tgt Ion: 266 Resp: 2038
 Ion Ratio Lower Upper
 266 100
 268 62.0 49.6 74.4
 264 67.4 53.9 80.9



#22
 Phenanthrene
 Concen: 0.95 ng
 RT: 16.96 min Scan# 2279
 Delta R.T. 0.00 min
 Lab File: BE090673.D
 Acq: 1 Sep 2015 19:19

Tgt Ion: 178 Resp: 61488
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.6 23.4
 179 16.0 12.8 19.2





#23

Anthracene

Concen: 0.84 ng

RT: 17.05 min Scan# 2284

Delta R.T. 0.00 min

Lab File: BE090673.D

Acq: 1 Sep 2015 19:19

Instrument :

BNA_E

ClientSampleId :

SSTDICCC001

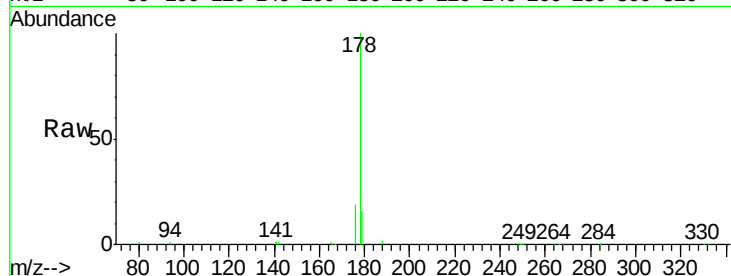
Tgt Ion:178 Resp: 49570

Ion Ratio Lower Upper

178 100

176 19.0 15.0 22.6

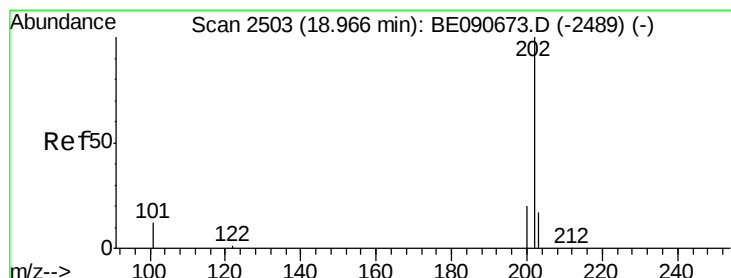
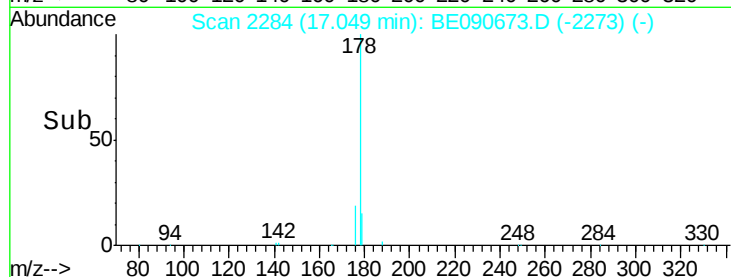
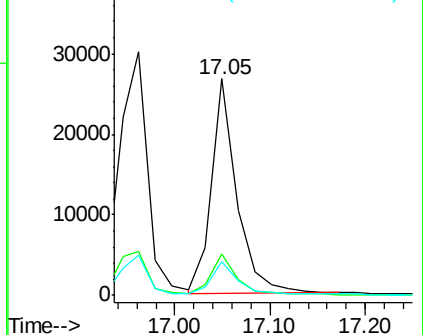
179 15.4 12.3 18.5



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Fluoranthene

Concen: 0.88 ng

RT: 18.97 min Scan# 2503

Delta R.T. 0.00 min

Lab File: BE090673.D

Acq: 1 Sep 2015 19:19

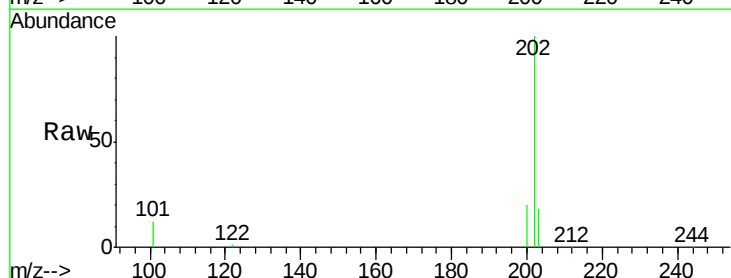
Tgt Ion:202 Resp: 60252

Ion Ratio Lower Upper

202 100

101 13.7 11.0 16.6

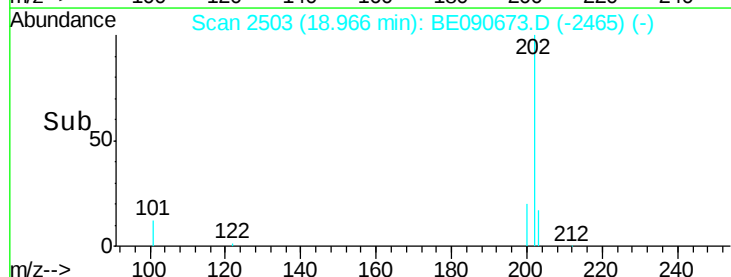
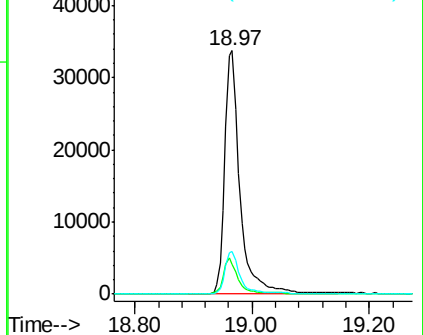
203 17.4 13.9 20.9

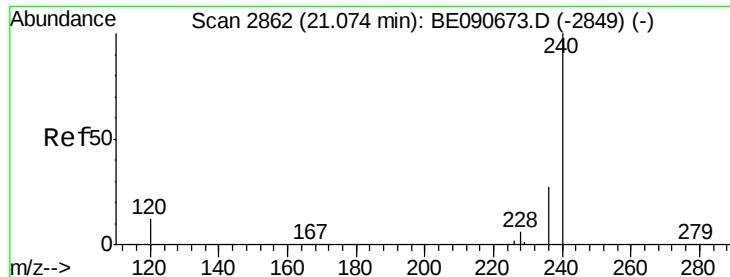


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

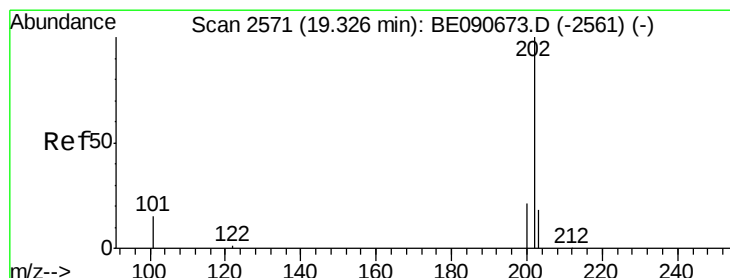
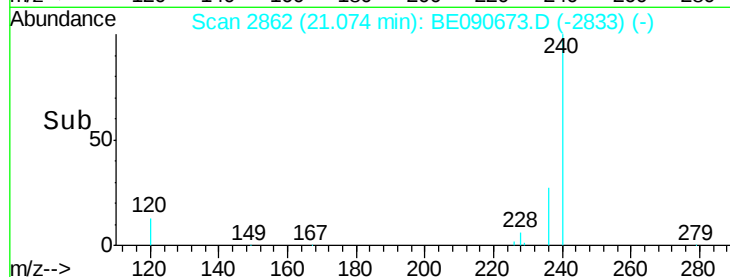
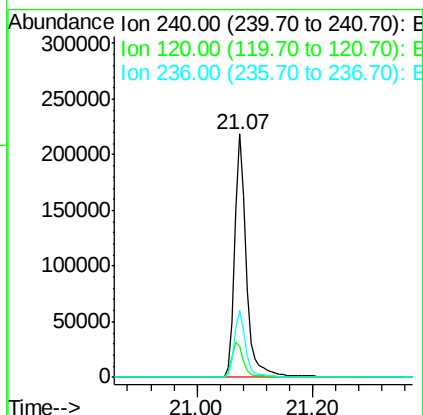
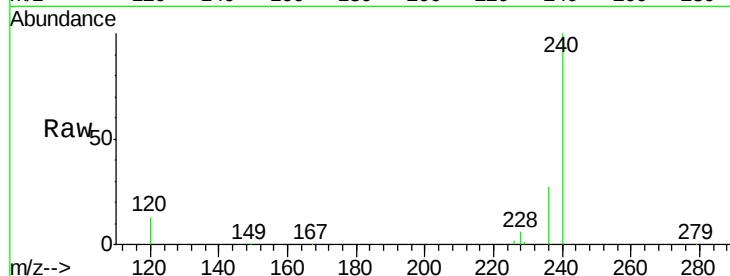




#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.07 min Scan# 2862
Delta R.T. 0.00 min
Lab File: BE090673.D
Acq: 1 Sep 2015 19:19

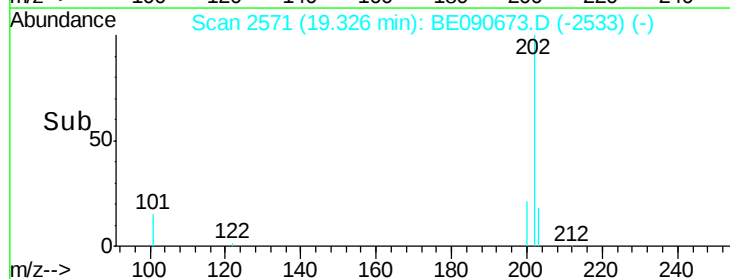
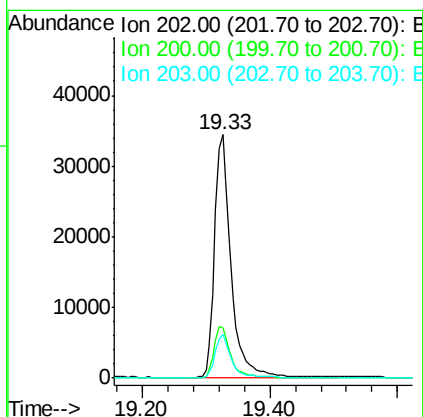
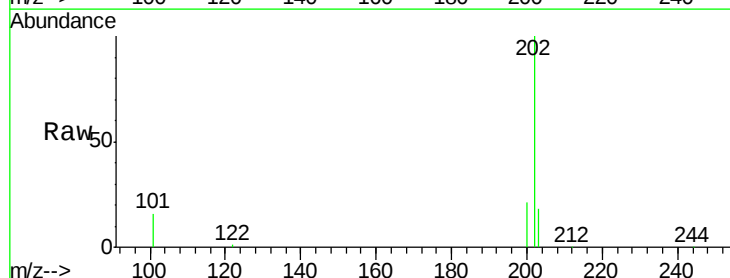
Instrument :
BNA_E
ClientSampleId :
SSTDICCC001

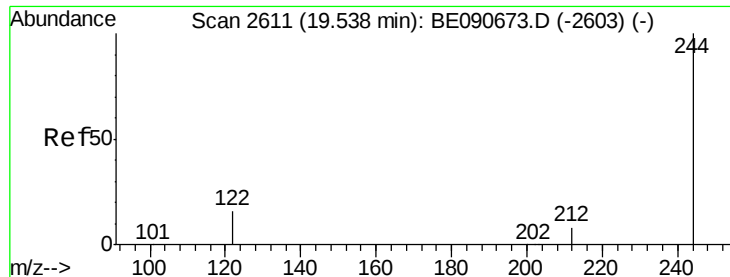
Tgt Ion:240 Resp: 313353
Ion Ratio Lower Upper
240 100
120 12.6 10.1 15.1
236 27.4 21.9 32.9



#26
Pyrene
Concen: 0.71 ng
RT: 19.33 min Scan# 2571
Delta R.T. 0.00 min
Lab File: BE090673.D
Acq: 1 Sep 2015 19:19

Tgt Ion:202 Resp: 61450
Ion Ratio Lower Upper
202 100
200 20.9 16.7 25.1
203 17.2 13.8 20.6

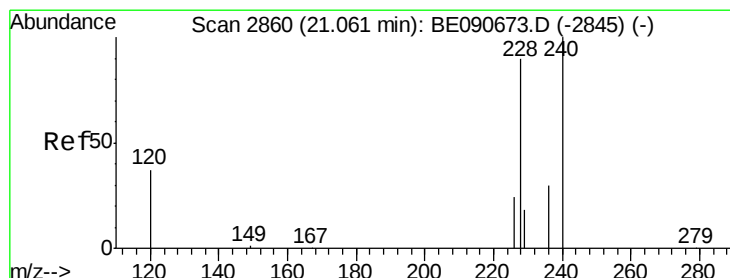
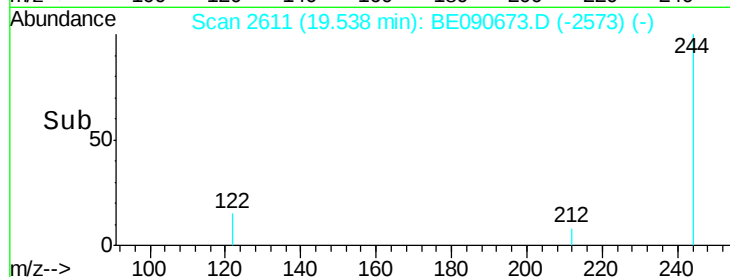
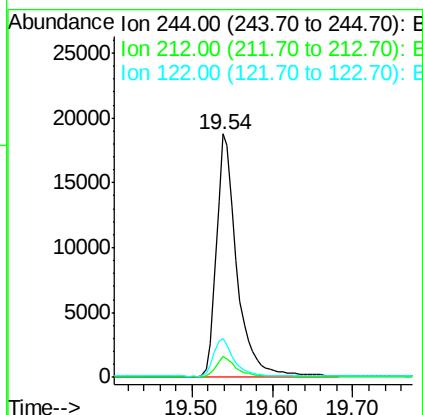
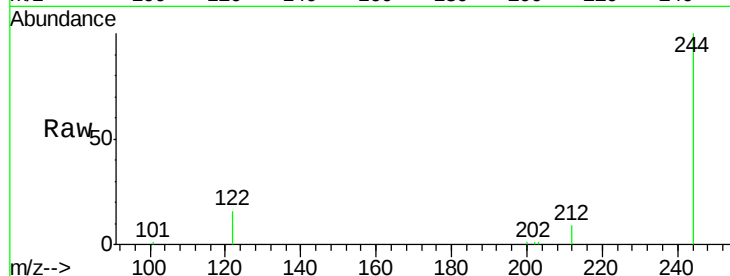




#27
 Terphenyl-d14
 Concen: 0.61 ng
 RT: 19.54 min Scan# 2611
 Delta R.T. 0.00 min
 Lab File: BE090673.D
 Acq: 1 Sep 2015 19:19

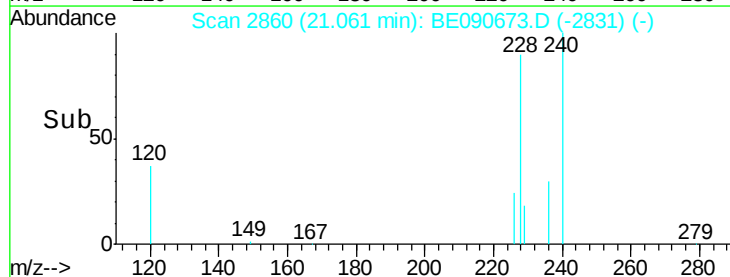
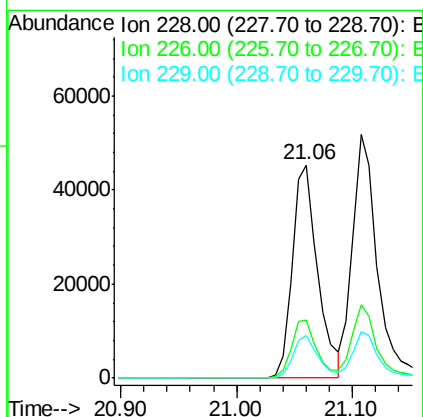
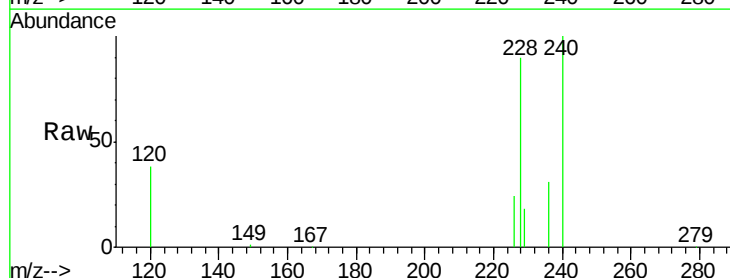
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC001

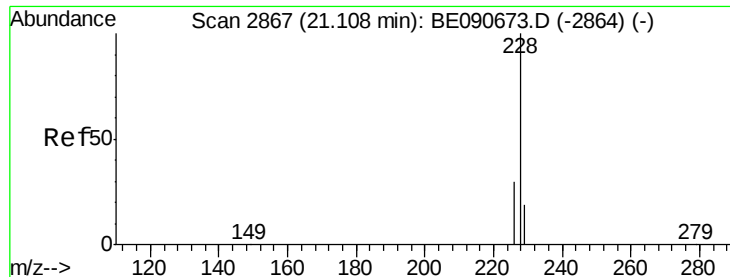
Tgt Ion: 244 Resp: 33113
 Ion Ratio Lower Upper
 244 100
 212 8.6 6.9 10.3
 122 16.1 12.9 19.3



#28
 Benzo(a)anthracene
 Concen: 0.84 ng
 RT: 21.06 min Scan# 2860
 Delta R.T. 0.00 min
 Lab File: BE090673.D
 Acq: 1 Sep 2015 19:19

Tgt Ion: 228 Resp: 68536
 Ion Ratio Lower Upper
 228 100
 226 27.0 21.6 32.4
 229 19.9 15.9 23.9





#29

Chrysene

Concen: 0.95 ng

RT: 21.11 min Scan# 2867

Delta R.T. 0.00 min

Lab File: BE090673.D

Acq: 1 Sep 2015 19:19

Instrument :

BNA_E

ClientSampleId :

SSTDICCC001

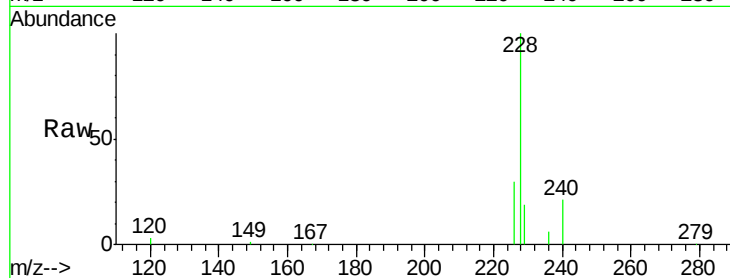
Tgt Ion:228 Resp: 79246

Ion Ratio Lower Upper

228 100

226 30.3 24.2 36.4

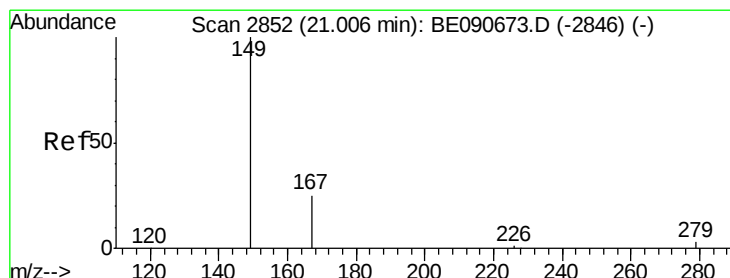
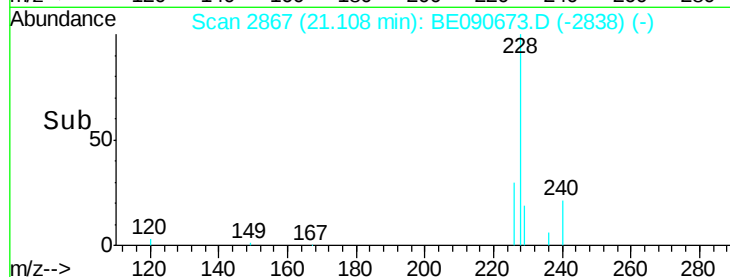
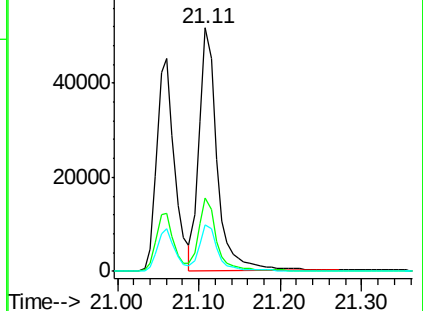
229 19.1 15.3 22.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#30

Bis(2-ethylhexyl)phthalate

Concen: 0.37 ng

RT: 21.01 min Scan# 2852

Delta R.T. 0.00 min

Lab File: BE090673.D

Acq: 1 Sep 2015 19:19

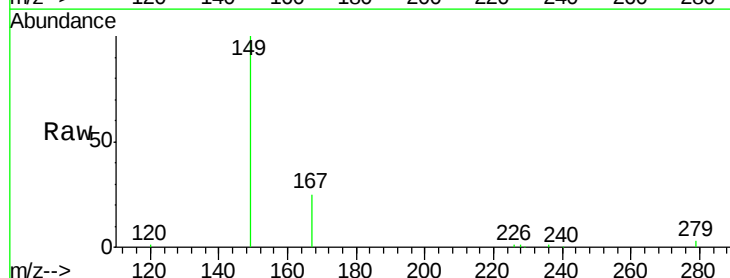
Tgt Ion:149 Resp: 15888

Ion Ratio Lower Upper

149 100

167 25.1 20.1 30.1

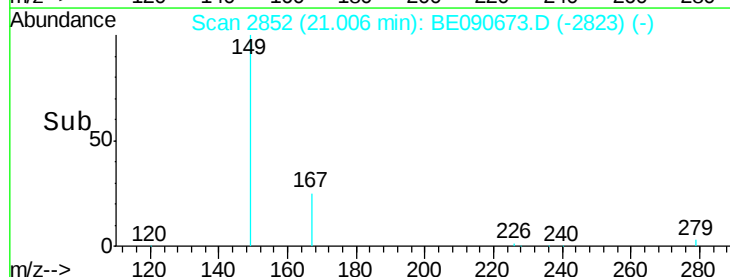
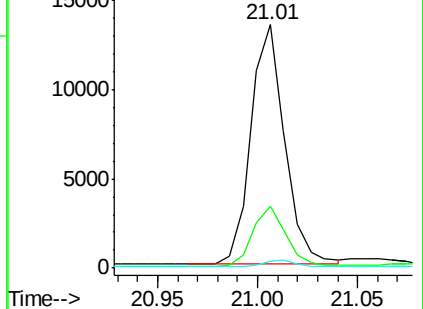
279 2.9 2.3 3.5

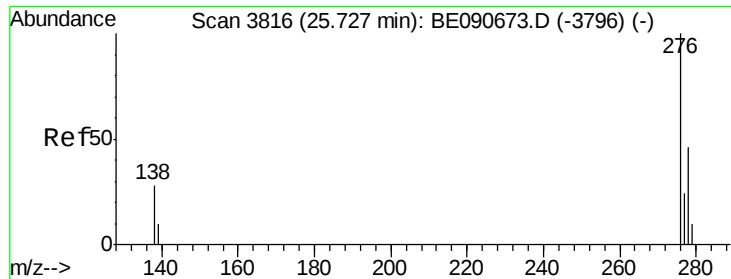


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

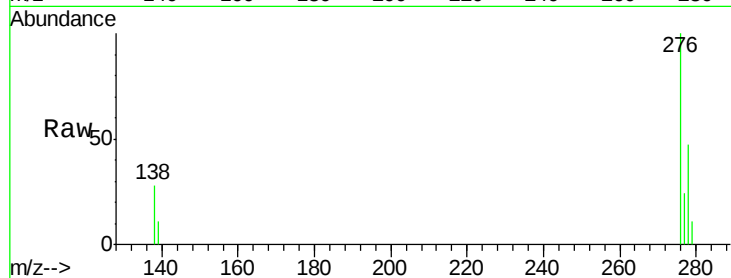




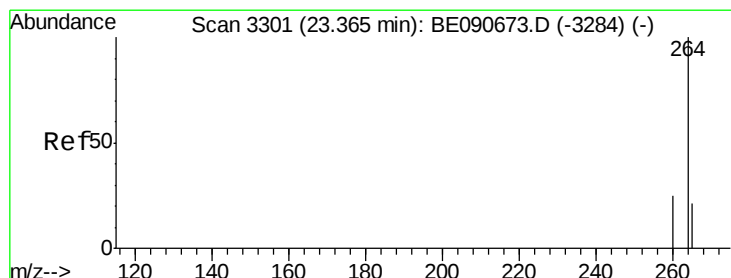
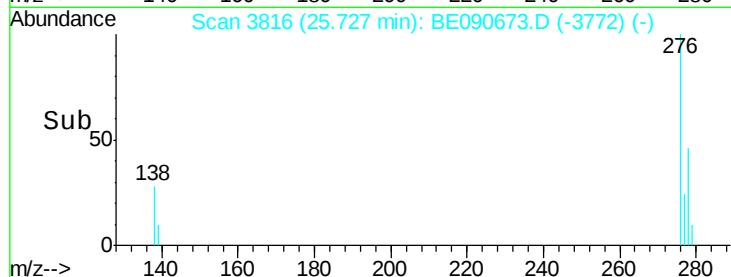
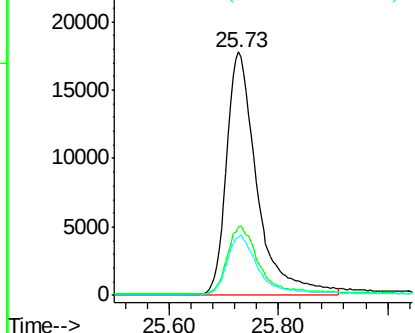
#31
 Indeno(1,2,3-cd)pyrene
 Concen: 0.87 ng
 RT: 25.73 min Scan# 3816
 Delta R.T. 0.00 min
 Lab File: BE090673.D
 Acq: 1 Sep 2015 19:19

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC001

Tgt Ion: 276 Resp: 68317
 Ion Ratio Lower Upper
 276 100
 138 29.4 23.3 34.9
 277 24.8 19.8 29.6

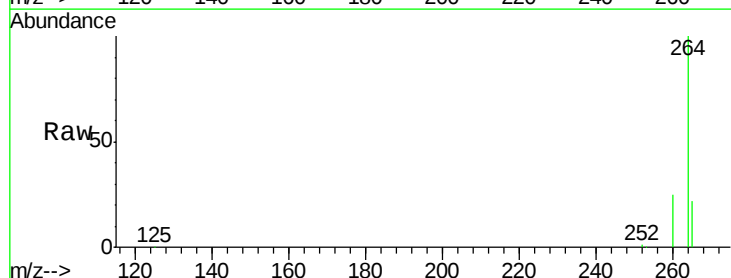


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

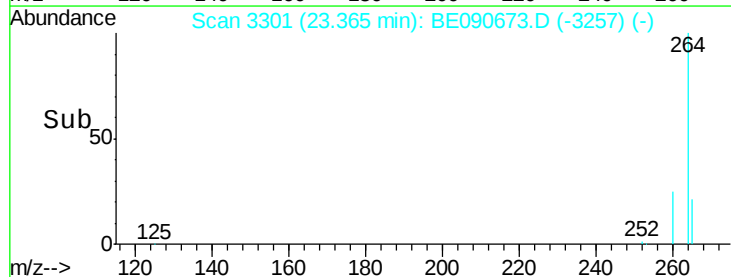
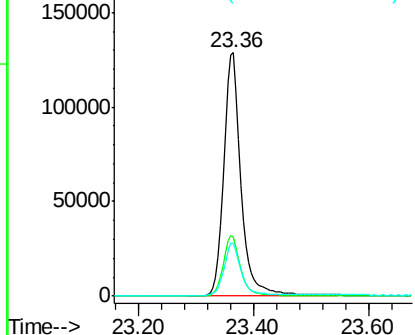


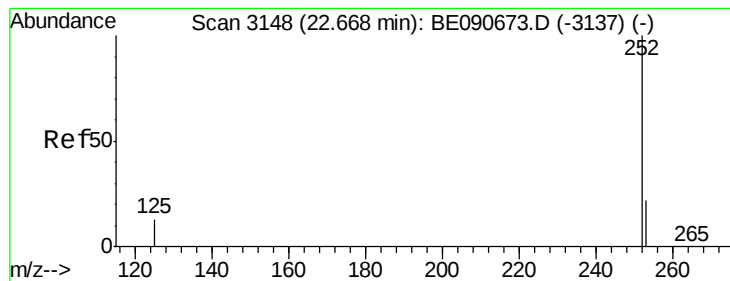
#32
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.36 min Scan# 3301
 Delta R.T. 0.00 min
 Lab File: BE090673.D
 Acq: 1 Sep 2015 19:19

Tgt Ion: 264 Resp: 274127
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.7 29.5
 265 21.9 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





#33

Benzo(b)fluoranthene

Concen: 0.90 ng

RT: 22.67 min Scan# 3148

Delta R.T. 0.00 min

Lab File: BE090673.D

Acq: 1 Sep 2015 19:19

Instrument :

BNA_E

ClientSampleId :

SSTDICCC001

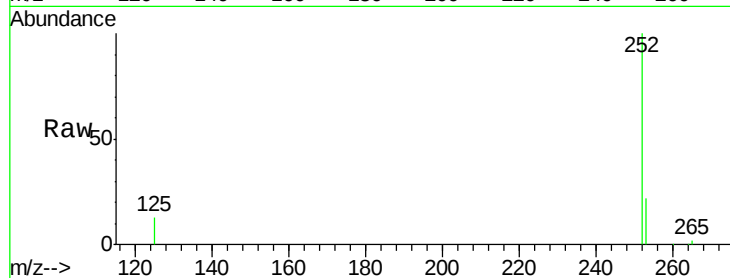
Tgt Ion:252 Resp: 57889

Ion Ratio Lower Upper

252 100

253 22.4 17.9 26.9

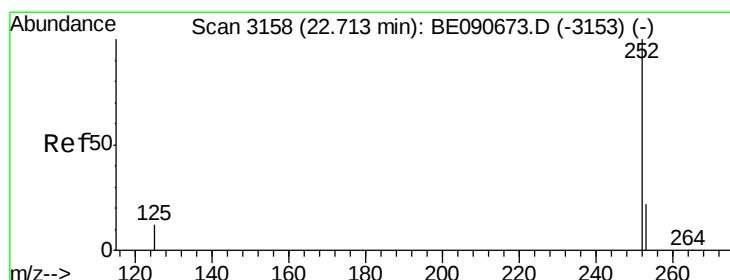
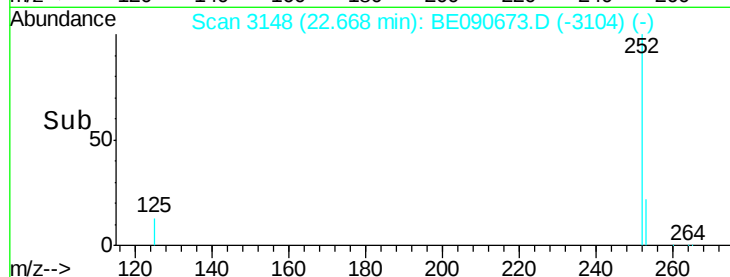
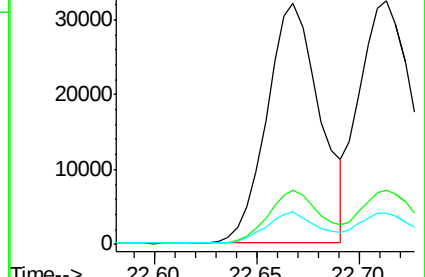
125 13.3 10.6 16.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#34

Benzo(k)fluoranthene

Concen: 0.94 ng

RT: 22.71 min Scan# 3158

Delta R.T. 0.00 min

Lab File: BE090673.D

Acq: 1 Sep 2015 19:19

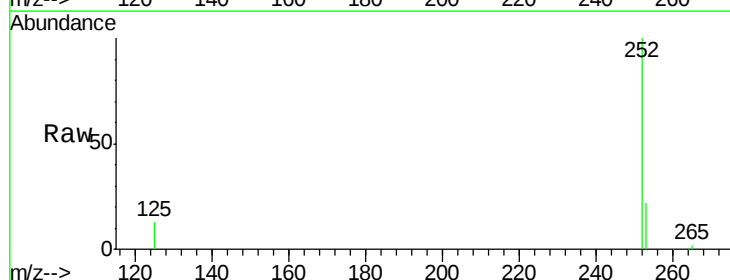
Tgt Ion:252 Resp: 68224

Ion Ratio Lower Upper

252 100

253 22.4 17.9 26.9

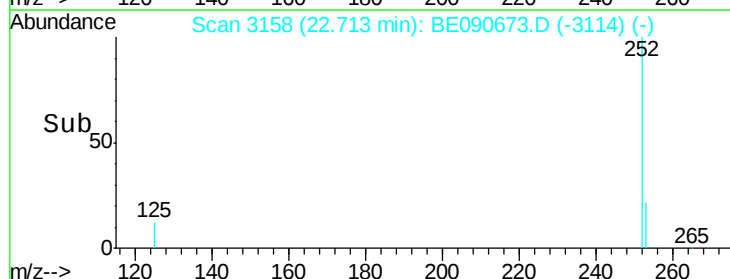
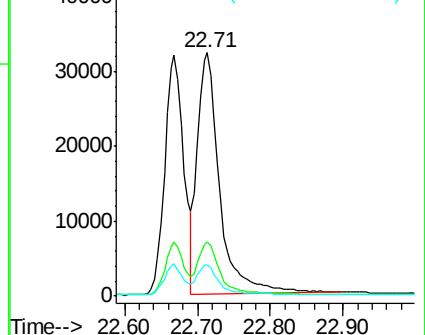
125 12.6 10.1 15.1

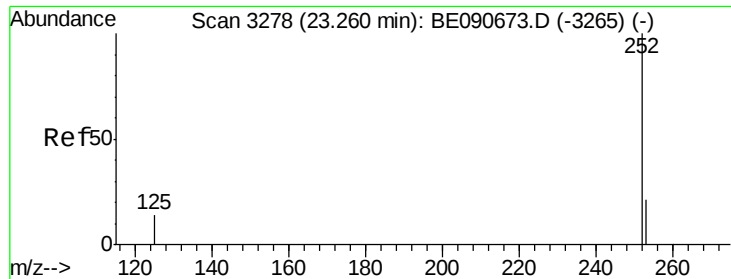


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#35

Benzo(a)pyrene

Concen: 0.83 ng

RT: 23.26 min Scan# 3278

Delta R.T. 0.00 min

Lab File: BE090673.D

Acq: 1 Sep 2015 19:19

Instrument :

BNA_E

ClientSampleId :

SSTDICCC001

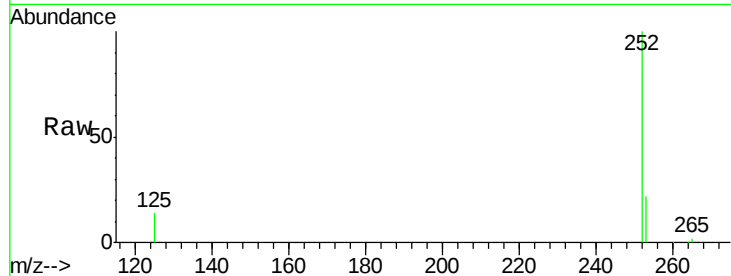
Tgt Ion:252 Resp: 49681

Ion Ratio Lower Upper

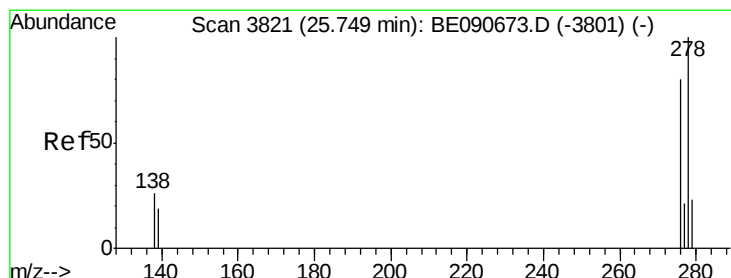
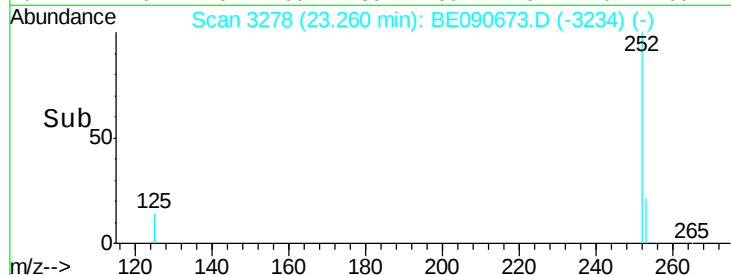
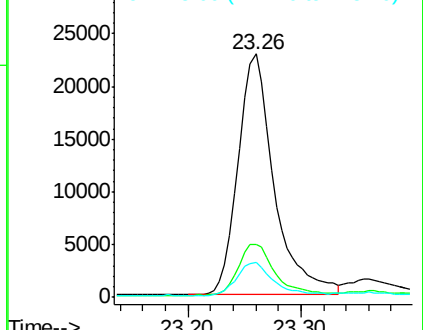
252 100

253 21.9 17.5 26.3

125 14.5 11.6 17.4



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



#36

Dibenzo(a,h)anthracene

Concen: 0.92 ng

RT: 25.75 min Scan# 3821

Delta R.T. 0.00 min

Lab File: BE090673.D

Acq: 1 Sep 2015 19:19

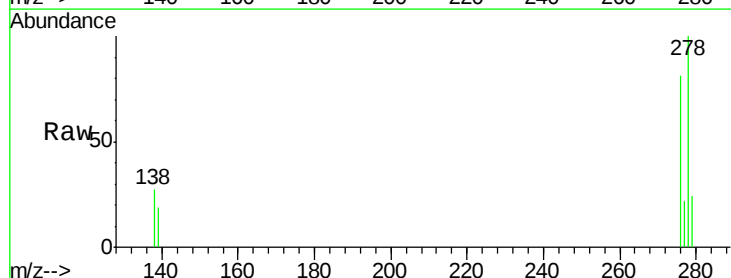
Tgt Ion:278 Resp: 53749

Ion Ratio Lower Upper

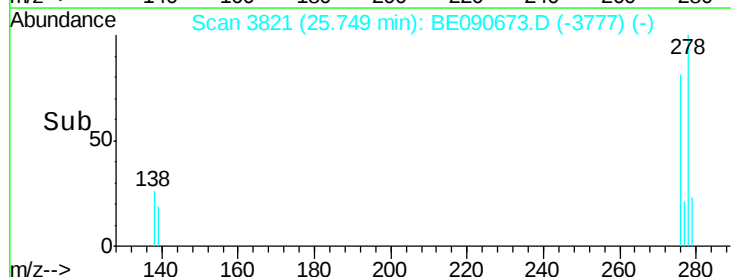
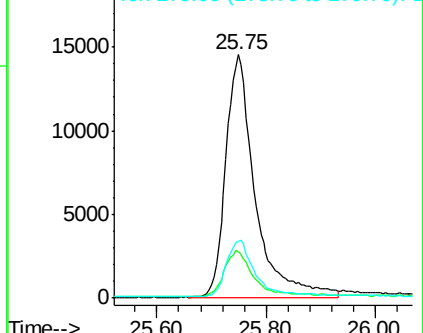
278 100

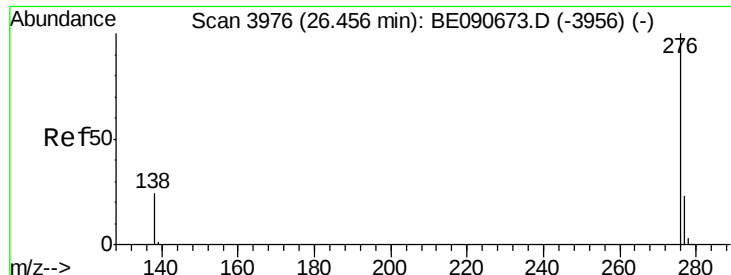
139 19.2 15.4 23.0

279 23.5 18.8 28.2



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#37

Benzo(g,h,i)perylene

Concen: 0.91 ng

RT: 26.46 min Scan# 3976

Delta R.T. 0.00 min

Lab File: BE090673.D

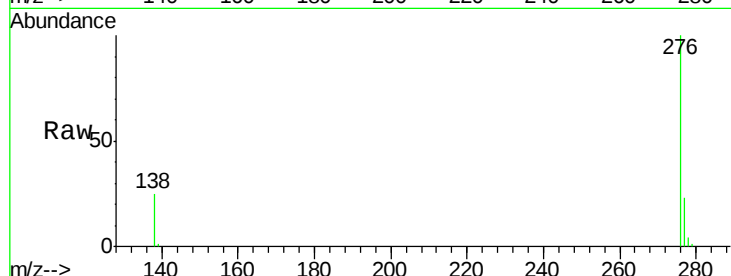
Acq: 1 Sep 2015 19:19

Instrument :

BNA_E

ClientSampleId :

SSTDICCC001



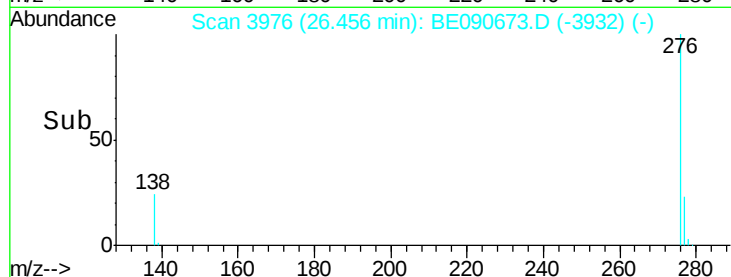
Tgt Ion: 276 Resp: 57908

Ion Ratio Lower Upper

276 100

277 23.1 18.5 27.7

138 25.1 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

