

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE091715\
 Data File : BE090857.D
 Acq On : 17 Sep 2015 9:41
 Operator : UM/IZ
 Sample : SSTDCCC001
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001

Quant Time: Sep 17 11:34:18 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 11:40:50 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	34926	5.00	ng	0.00
6) Naphthalene-d8	10.30	136	168527	5.00	ng	0.00
12) Acenaphthene-d10	14.16	164	92121	5.00	ng	0.00
18) Phenanthrene-d10	16.91	188	214546	5.00	ng	0.00
25) Chrysene-d12	21.07	240	255882	5.00	ng	0.00
32) Perylene-d12	23.35	264	225282	5.00	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.18	112	7188	1.07	ng	0.00
5) Phenol-d6	6.76	99	9818	1.01	ng	0.00
7) Nitrobenzene-d5	8.70	82	10203	0.92	ng	0.00
13) 2,4,6-Tribromophenol	15.68	330	2263	0.98	ng	0.00
14) 2-Fluorobiphenyl	12.79	172	22987	0.90	ng	0.00
27) Terphenyl-d14	19.53	244	28846	1.02	ng	0.00

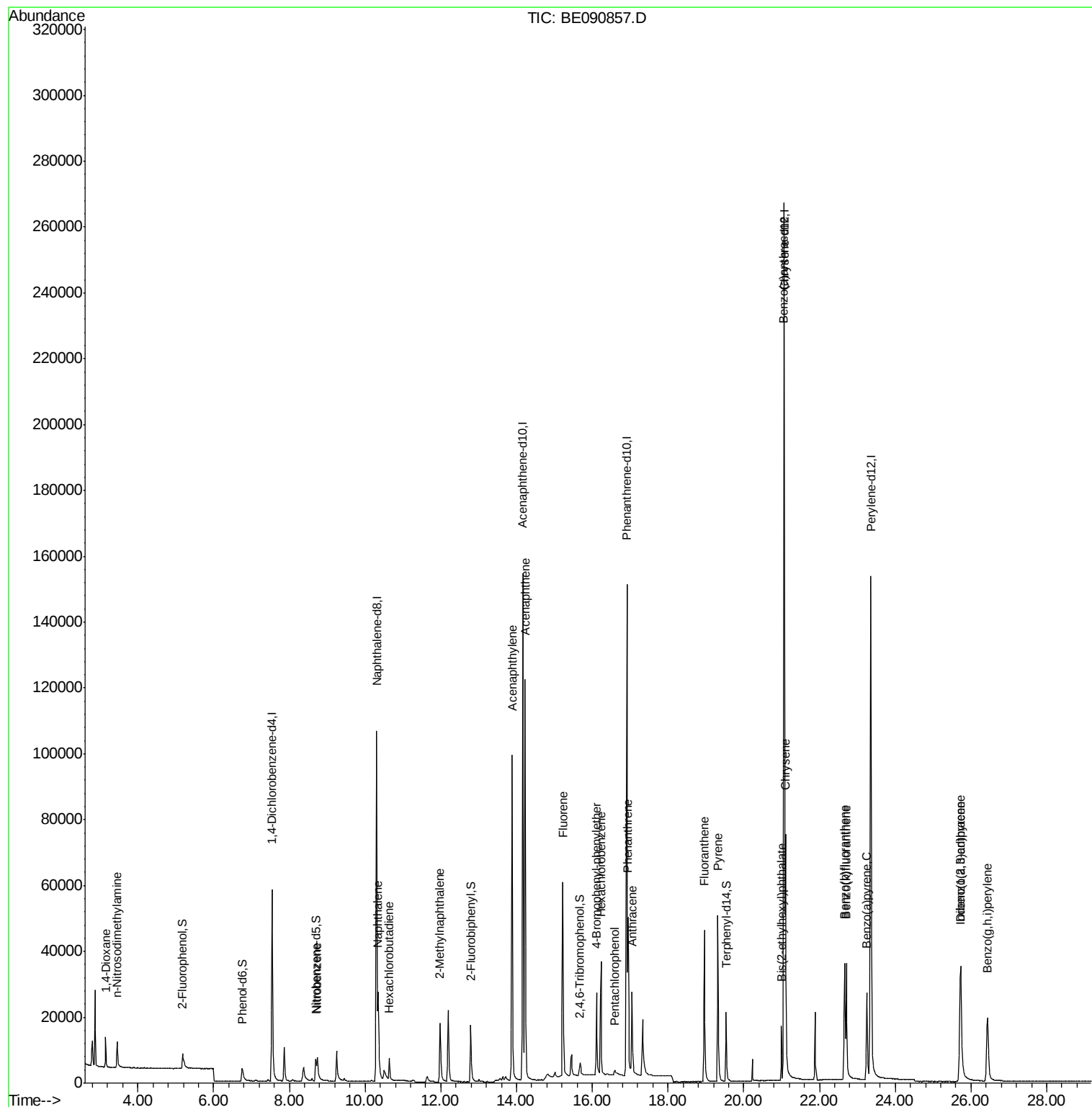
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.15	88	4953	0.94	ng	98
3) n-Nitrosodimethylamine	3.45	42	6315	0.95	ng	99
8) Nitrobenzene	8.74	77	11102	0.90	ng	99
9) Naphthalene	10.35	128	34807	0.95	ng	100
10) Hexachlorobutadiene	10.64	225	5219	0.91	ng	98
11) 2-Methylnaphthalene	11.98	142	20645	1.04	ng	100
15) Acenaphthylene	13.88	152	140367	0.95	ng	100
16) Acenaphthene	14.23	154	23044	0.94	ng	94
17) Fluorene	15.22	166	29449	0.96	ng	97
19) 4-Bromophenyl-phenylether	16.11	248	7005	0.96	ng	100
20) Hexachlorobenzene	16.23	284	37398	0.97	ng	98
21) Pentachlorophenol	16.60	266	1751	1.01	ng	96
22) Phenanthrene	16.95	178	51690	0.97	ng	99
23) Anthracene	17.05	178	44080	0.99	ng	99
24) Fluoranthene	18.95	202	52725	0.94	ng	99
26) Pyrene	19.32	202	54825	1.04	ng	99
28) Benzo(a)anthracene	21.05	228	55661	0.98	ng	99
29) Chrysene	21.10	228	62599	1.00	ng	100
30) Bis(2-ethylhexyl)phthalate	21.00	149	13956	0.96	ng	100
31) Indeno(1,2,3-cd)pyrene	25.71	276	55426	0.92	ng	99
33) Benzo(b)fluoranthene	22.66	252	47824	0.98	ng	99
34) Benzo(k)fluoranthene	22.70	252	53887	0.95	ng	99
35) Benzo(a)pyrene	23.25	252	42475	0.97	ng	100
36) Dibenzo(a,h)anthracene	25.73	278	42868	0.92	ng	99
37) Benzo(g,h,i)perylene	26.43	276	47579	0.95	ng	97

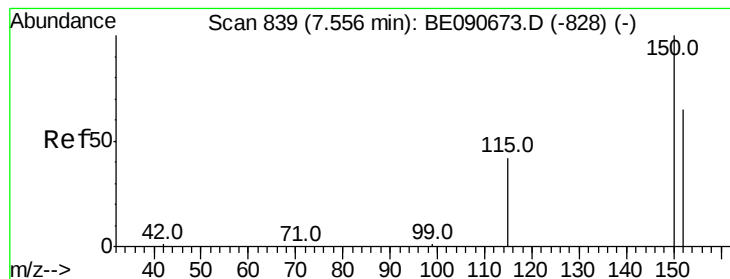
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE091715\
Data File : BE090857.D
Acq On : 17 Sep 2015 9:41
Operator : UM/IZ
Sample : SSTDCCC001
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Quant Time: Sep 17 11:34:18 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 11:40:50 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.55 min Scan# 837

Delta R.T. -0.01 min

Lab File: BE090857.D

Acq: 17 Sep 2015 9:41

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

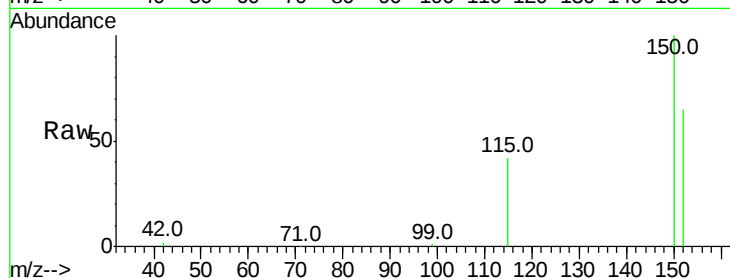
Tgt Ion:152 Resp: 34926

Ion Ratio Lower Upper

152 100

150 153.2 122.2 183.4

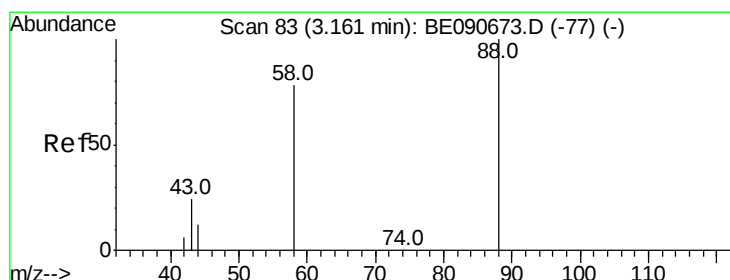
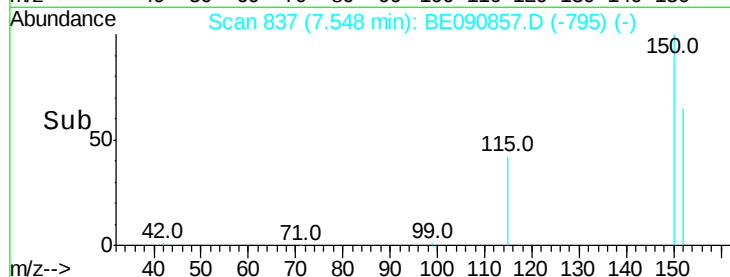
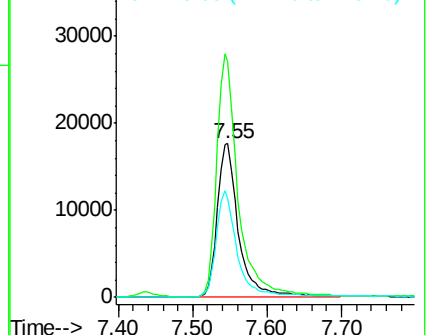
115 64.8 51.0 76.4



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: 0.94 ng

RT: 3.15 min Scan# 81

Delta R.T. -0.01 min

Lab File: BE090857.D

Acq: 17 Sep 2015 9:41

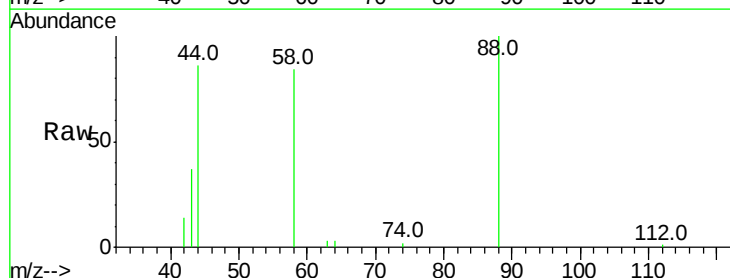
Tgt Ion: 88 Resp: 4953

Ion Ratio Lower Upper

88 100

58 87.6 68.4 102.6

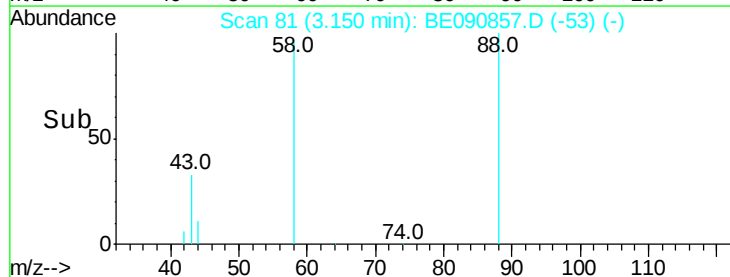
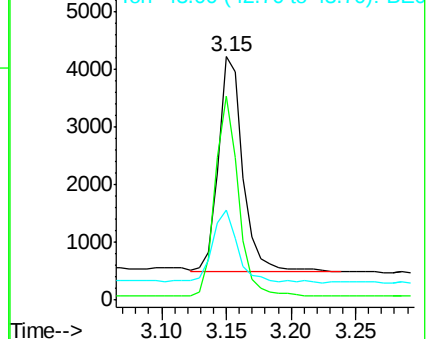
43 35.0 26.9 40.3

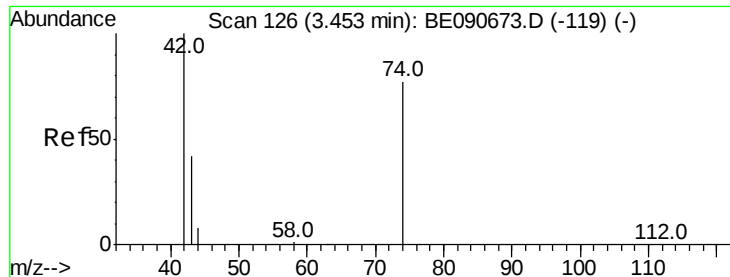


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



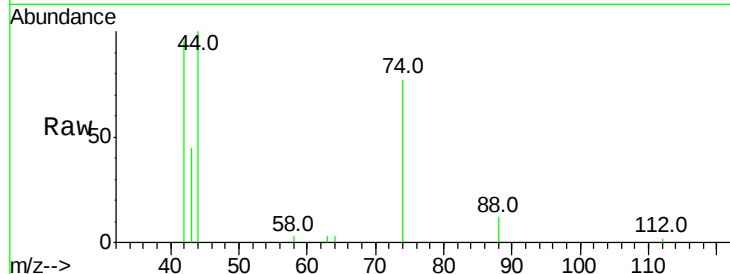


#3

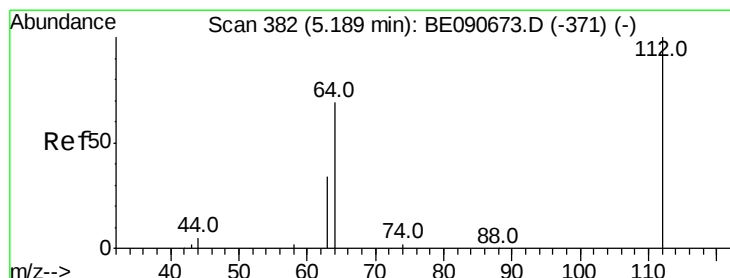
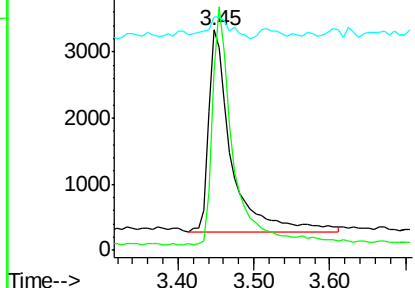
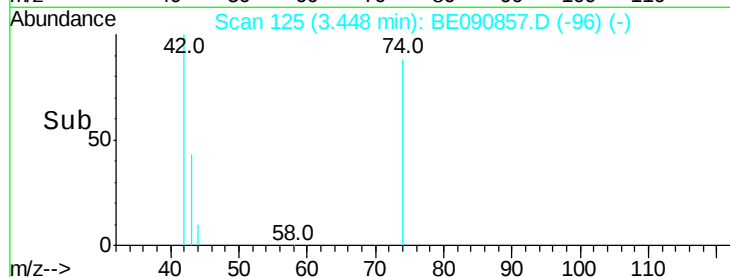
n-Nitrosodimethylamine
 Concen: 0.95 ng
 RT: 3.45 min Scan# 125
 Delta R.T. -0.00 min
 Lab File: BE090857.D
 Acq: 17 Sep 2015 9:41

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001

Tgt Ion: 42 Resp: 6315
 Ion Ratio Lower Upper
 42 100
 74 103.6 83.7 125.5
 44 11.2 10.0 15.0



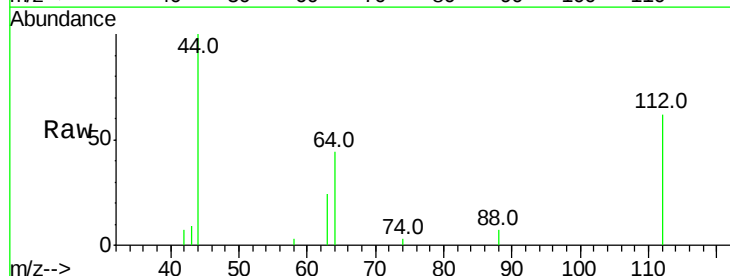
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



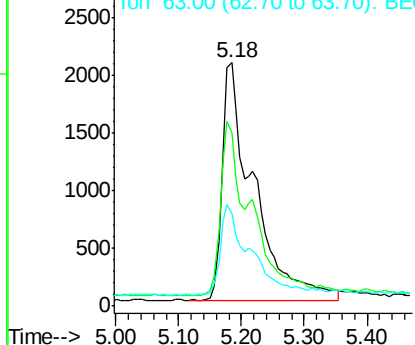
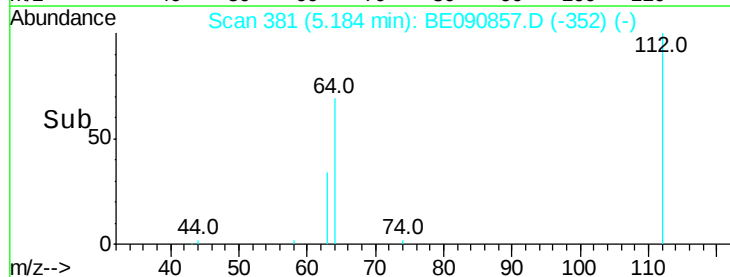
#4

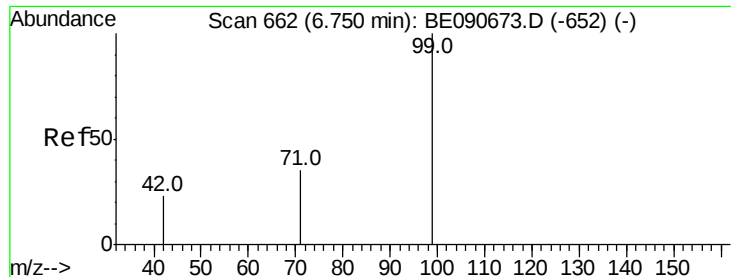
2-Fluorophenol
 Concen: 1.07 ng
 RT: 5.18 min Scan# 381
 Delta R.T. -0.00 min
 Lab File: BE090857.D
 Acq: 17 Sep 2015 9:41

Tgt Ion: 112 Resp: 7188
 Ion Ratio Lower Upper
 112 100
 64 42.5 57.3 85.9#
 63 37.0 29.2 43.8



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BE0
 Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 1.01 ng

RT: 6.76 min Scan# 663

Delta R.T. 0.00 min

Lab File: BE090857.D

Acq: 17 Sep 2015 9:41

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

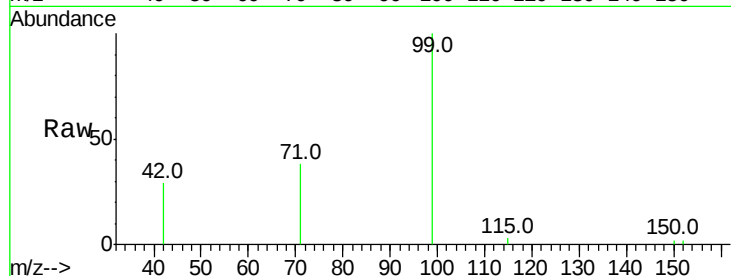
Tgt Ion: 99 Resp: 9818

Ion Ratio Lower Upper

99 100

42 22.8 16.8 25.2

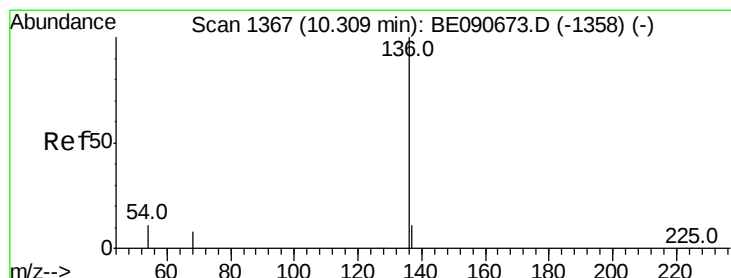
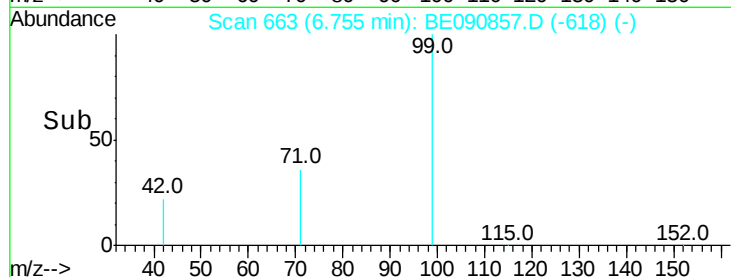
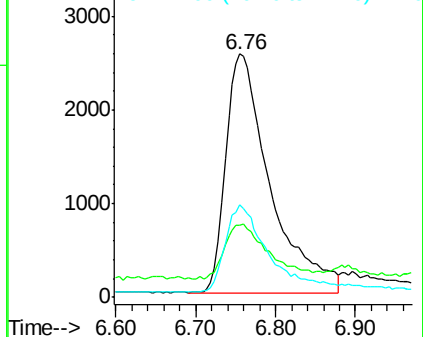
71 36.0 28.3 42.5



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: 10.30 min Scan# 1366

Delta R.T. -0.01 min

Lab File: BE090857.D

Acq: 17 Sep 2015 9:41

Tgt Ion: 136 Resp: 168527

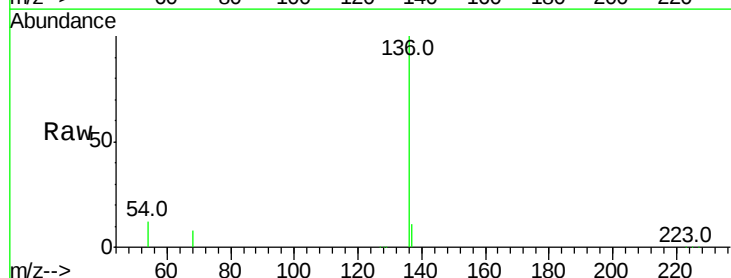
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 11.6 9.0 13.6

68 8.4 6.3 9.5

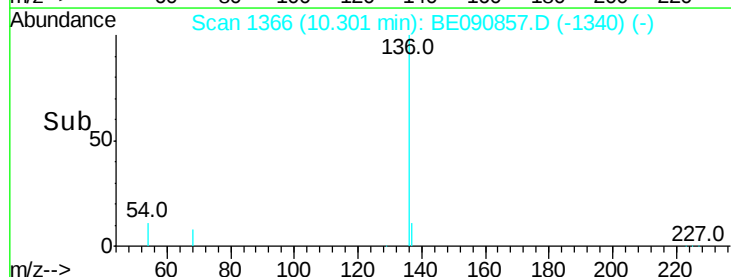
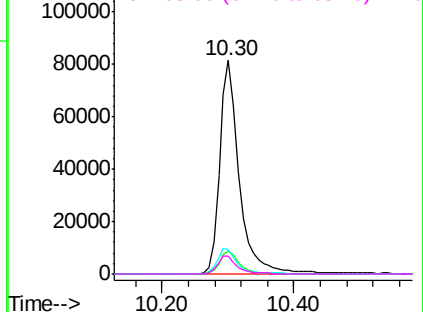


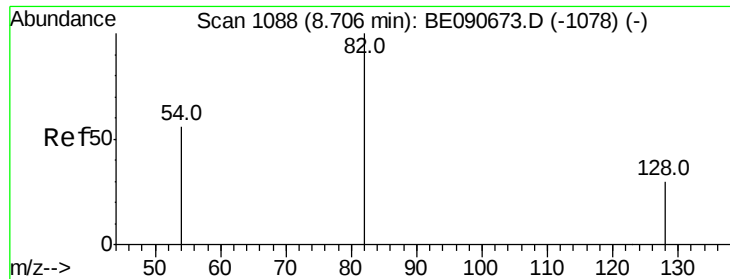
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.92 ng

RT: 8.70 min Scan# 1087

Delta R.T. -0.00 min

Lab File: BE090857.D

Acq: 17 Sep 2015 9:41

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

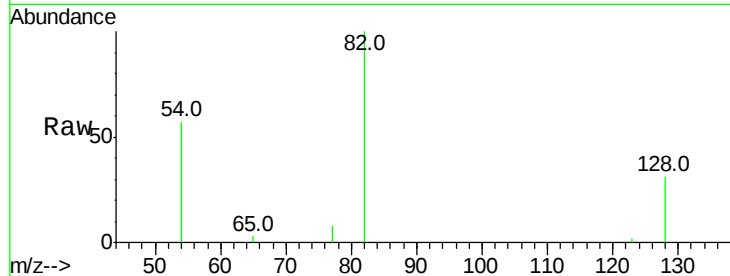
Tgt Ion: 82 Resp: 10203

Ion Ratio Lower Upper

82 100

128 30.7 25.0 37.4

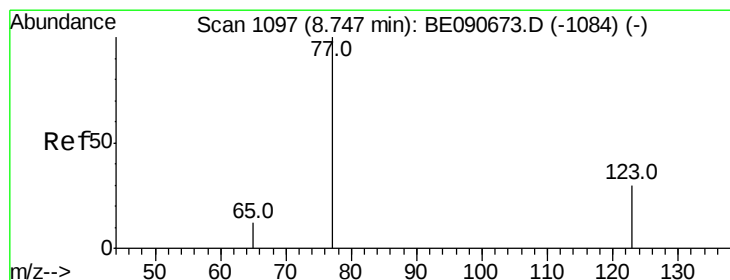
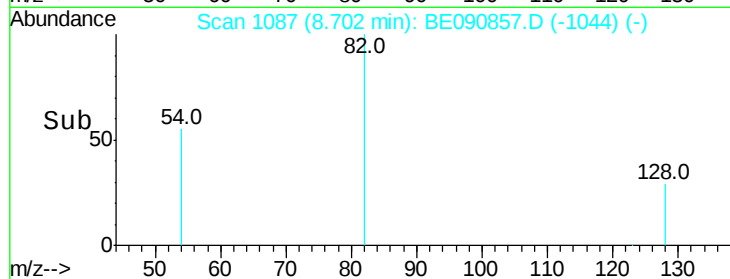
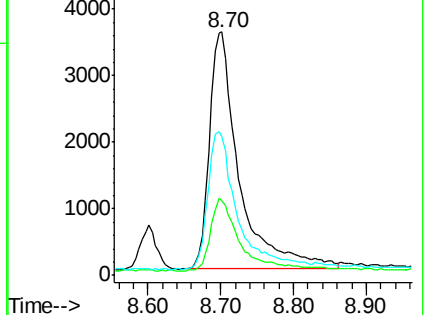
54 57.0 46.3 69.5



Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0



#8

Nitrobenzene

Concen: 0.90 ng

RT: 8.74 min Scan# 1095

Delta R.T. -0.01 min

Lab File: BE090857.D

Acq: 17 Sep 2015 9:41

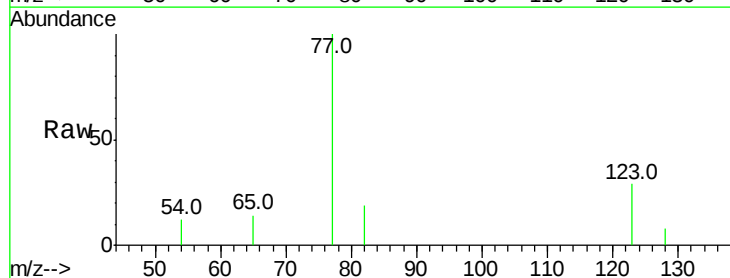
Tgt Ion: 77 Resp: 11102

Ion Ratio Lower Upper

77 100

123 32.1 25.1 37.7

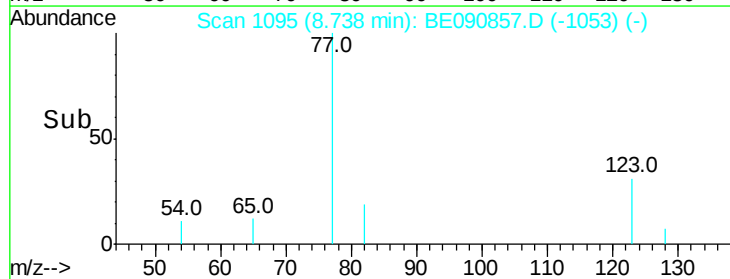
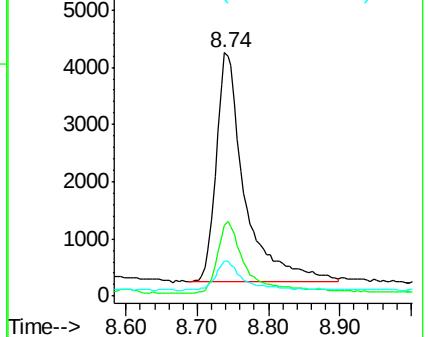
65 12.2 9.9 14.9

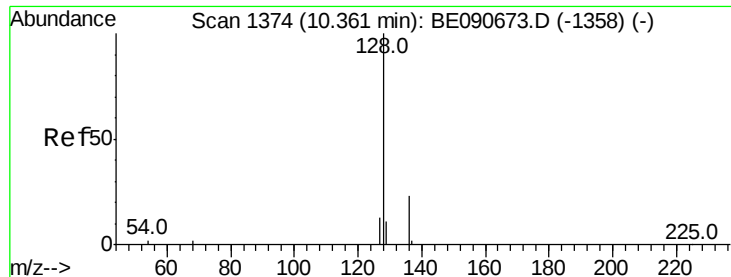


Abundance Ion 77.00 (76.70 to 77.70): BE0

Ion 123.00 (122.70 to 123.70): BE0

Ion 65.00 (64.70 to 65.70): BE0





#9

Naphthalene

Concen: 0.95 ng

RT: 10.35 min Scan# 1372

Delta R.T. -0.02 min

Lab File: BE090857.D

Acq: 17 Sep 2015 9:41

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

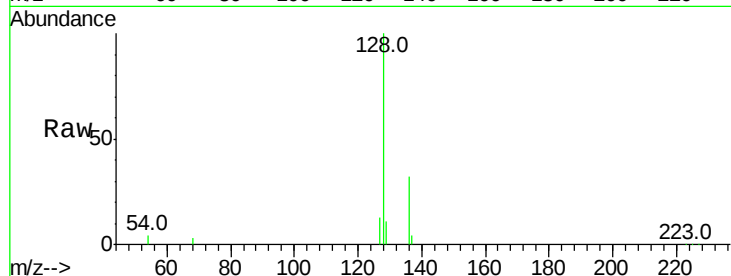
Tgt Ion:128 Resp: 34807

Ion Ratio Lower Upper

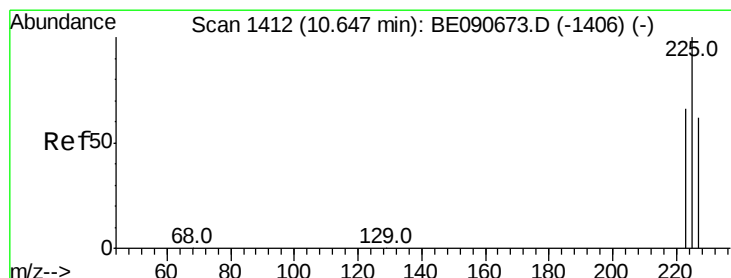
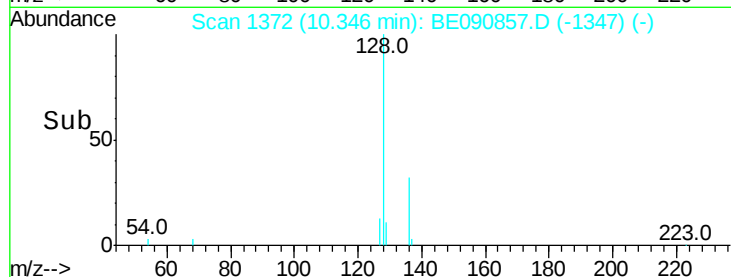
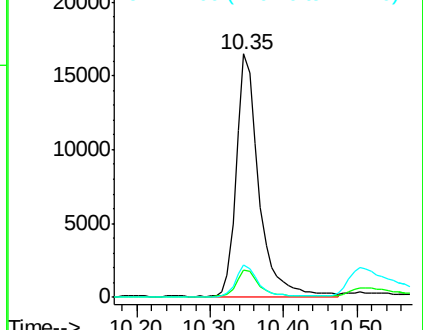
128 100

129 11.0 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: 0.91 ng

RT: 10.64 min Scan# 1411

Delta R.T. -0.01 min

Lab File: BE090857.D

Acq: 17 Sep 2015 9:41

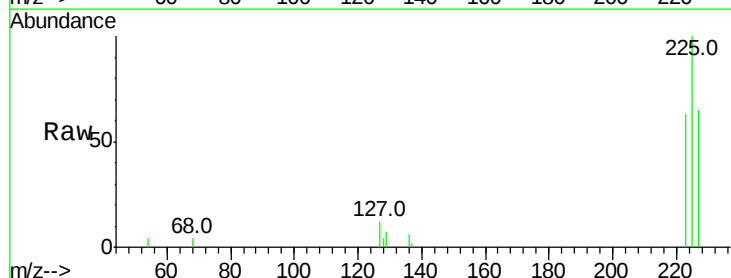
Tgt Ion:225 Resp: 5219

Ion Ratio Lower Upper

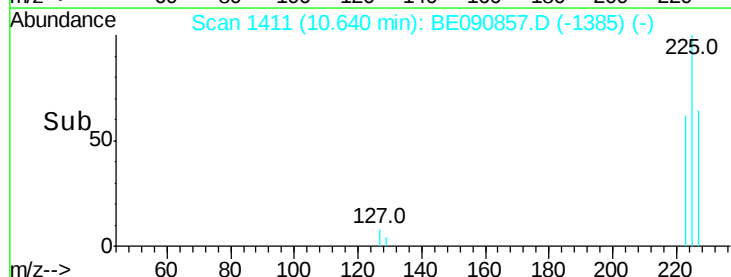
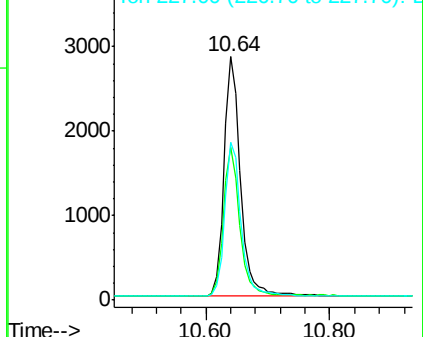
225 100

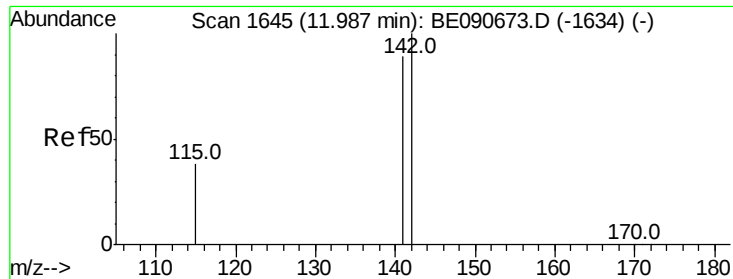
223 61.1 50.6 76.0

227 64.0 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

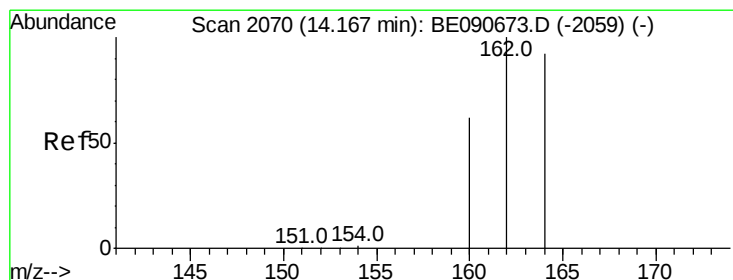
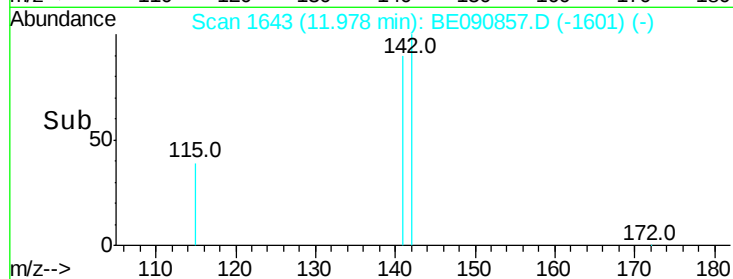
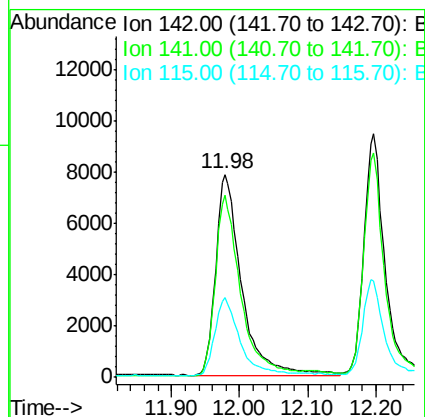
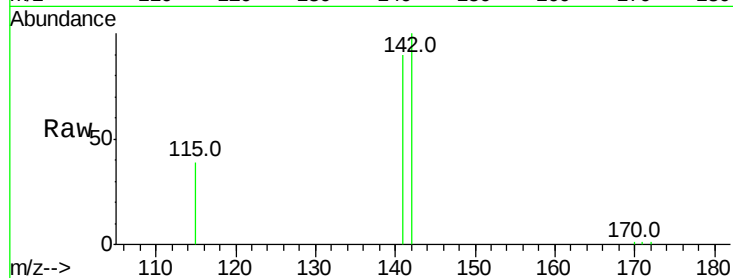




#11
2-Methylnaphthalene
Concen: 1.04 ng
RT: 11.98 min Scan# 1643
Delta R.T. -0.01 min
Lab File: BE090857.D
Acq: 17 Sep 2015 9:41

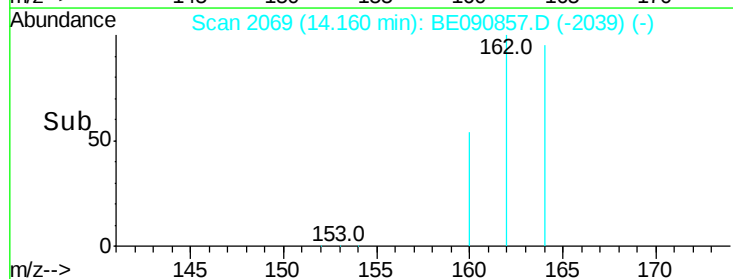
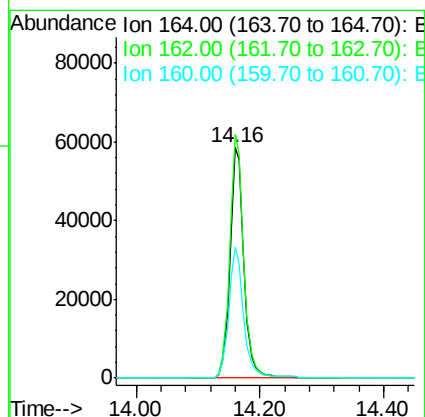
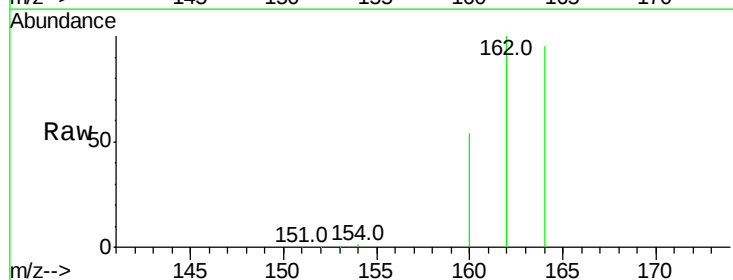
Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

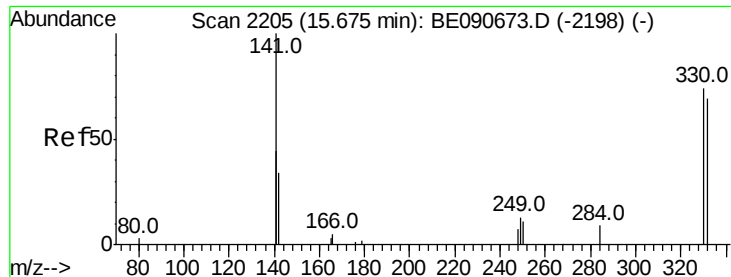
Tgt Ion:142 Resp: 20645
Ion Ratio Lower Upper
142 100
141 89.5 71.4 107.2
115 39.4 31.0 46.4



#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.16 min Scan# 2069
Delta R.T. -0.01 min
Lab File: BE090857.D
Acq: 17 Sep 2015 9:41

Tgt Ion:164 Resp: 92121
Ion Ratio Lower Upper
164 100
162 105.6 86.8 130.2
160 57.0 53.9 80.9

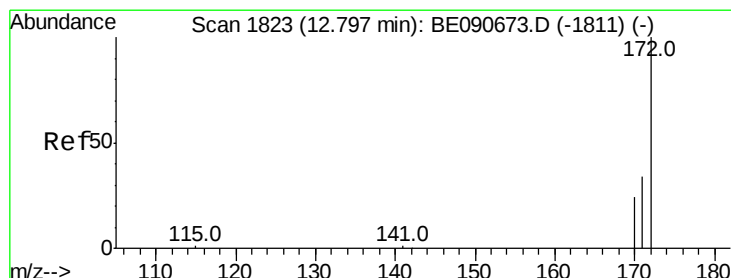
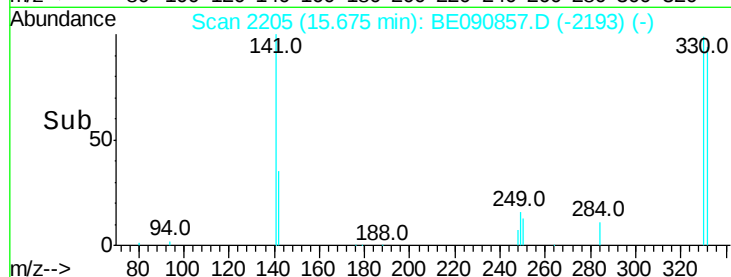
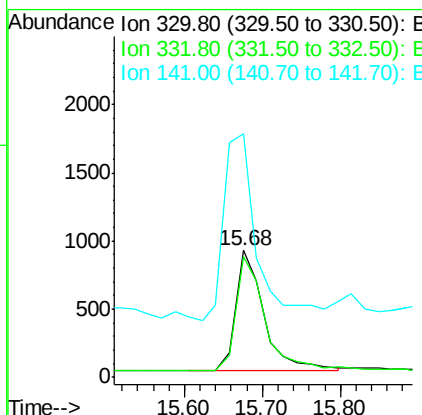
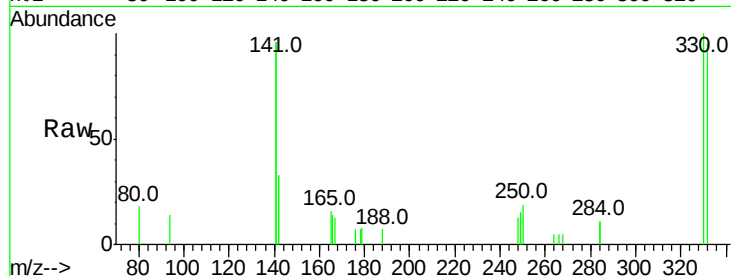




#13
 2,4,6-Tribromophenol
 Concen: 0.98 ng
 RT: 15.68 min Scan# 2205
 Delta R.T. 0.00 min
 Lab File: BE090857.D
 Acq: 17 Sep 2015 9:41

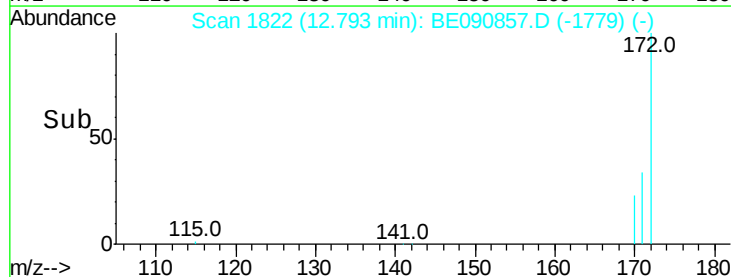
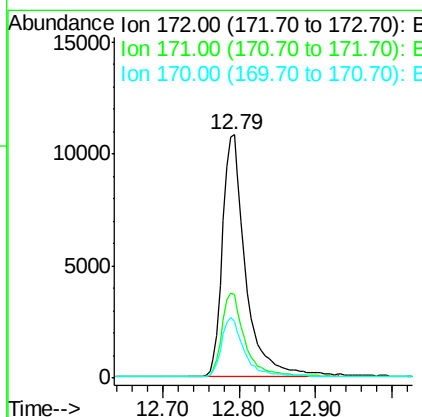
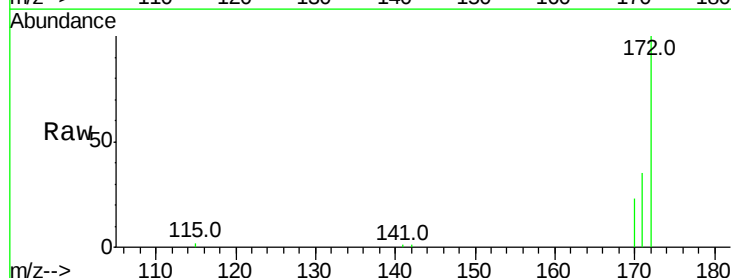
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001

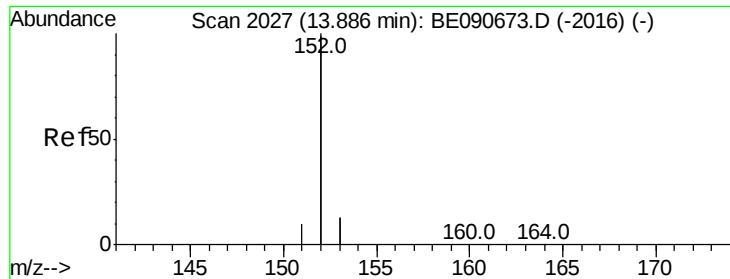
Tgt Ion: 330 Resp: 2263
 Ion Ratio Lower Upper
 330 100
 332 95.5 74.9 112.3
 141 180.8 145.2 217.8



#14
 2-Fluorobiphenyl
 Concen: 0.90 ng
 RT: 12.79 min Scan# 1822
 Delta R.T. -0.00 min
 Lab File: BE090857.D
 Acq: 17 Sep 2015 9:41

Tgt Ion: 172 Resp: 22987
 Ion Ratio Lower Upper
 172 100
 171 34.6 27.8 41.8
 170 23.3 19.8 29.6





#15

Acenaphthylene

Concen: 0.95 ng

RT: 13.88 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BE090857.D

Acq: 17 Sep 2015 9:41

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

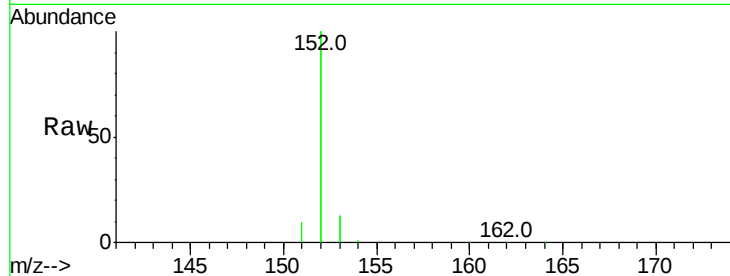
Tgt Ion:152 Resp: 140367

Ion Ratio Lower Upper

152 100

151 4.7 3.9 5.9

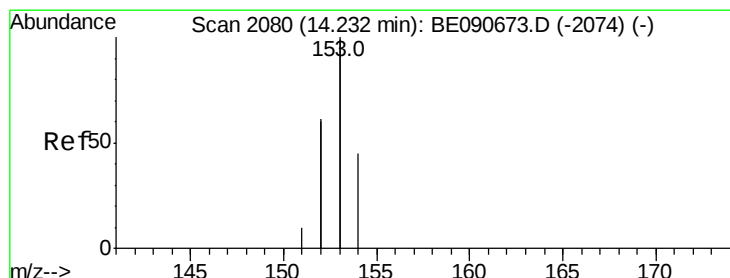
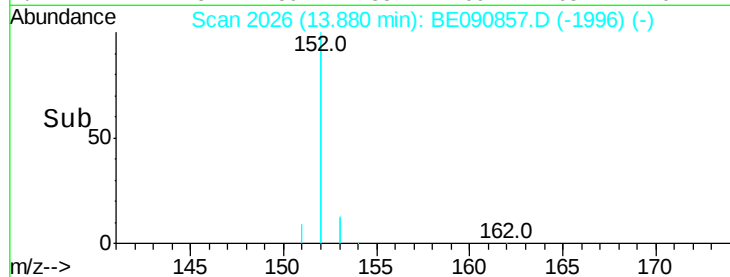
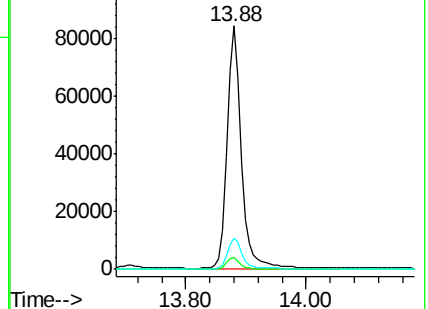
153 12.8 10.3 15.5



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: 0.94 ng

RT: 14.23 min Scan# 2079

Delta R.T. -0.01 min

Lab File: BE090857.D

Acq: 17 Sep 2015 9:41

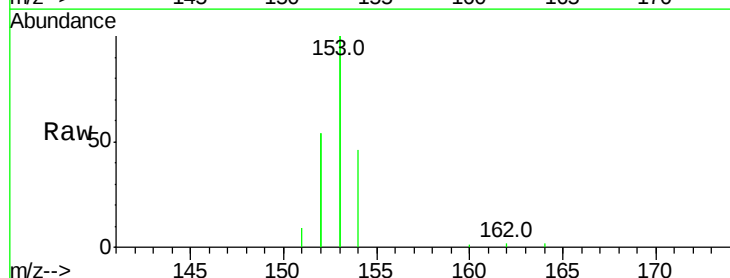
Tgt Ion:154 Resp: 23044

Ion Ratio Lower Upper

154 100

153 443.0 354.5 531.7

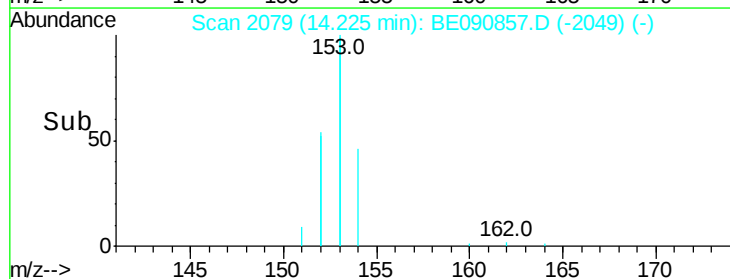
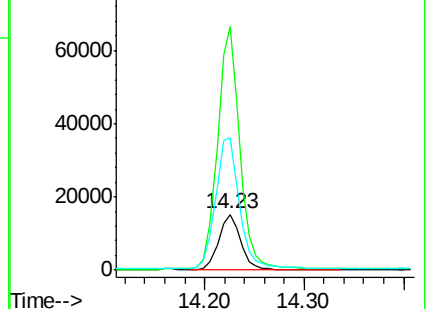
152 258.0 227.8 341.6

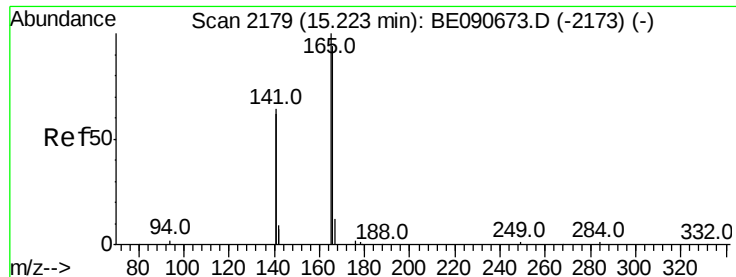


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#17

Fluorene

Concen: 0.96 ng

RT: 15.22 min Scan# 2179

Delta R.T. 0.00 min

Lab File: BE090857.D

Acq: 17 Sep 2015 9:41

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

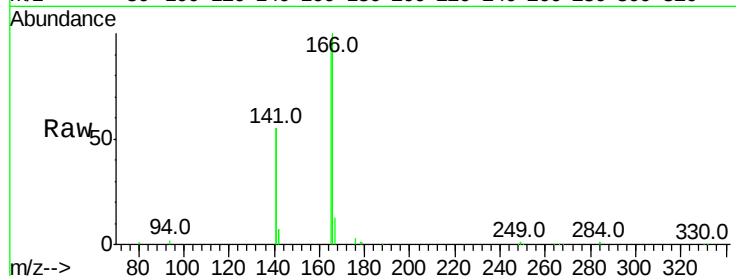
Tgt Ion:166 Resp: 29449

Ion Ratio Lower Upper

166 100

165 99.6 82.7 124.1

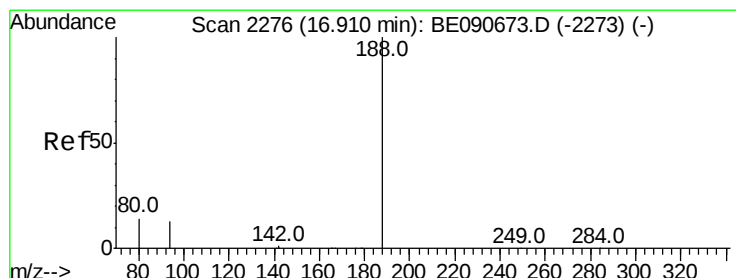
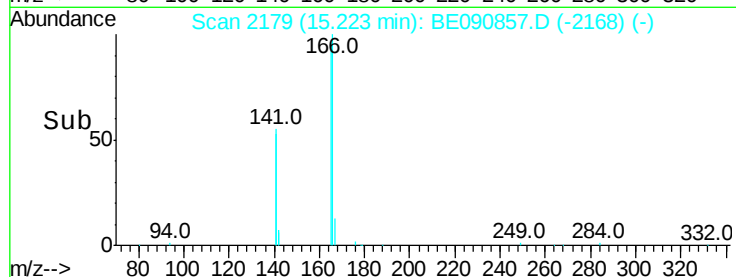
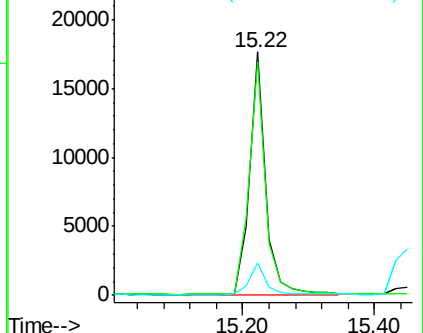
167 13.4 10.7 16.1



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.91 min Scan# 2276

Delta R.T. 0.00 min

Lab File: BE090857.D

Acq: 17 Sep 2015 9:41

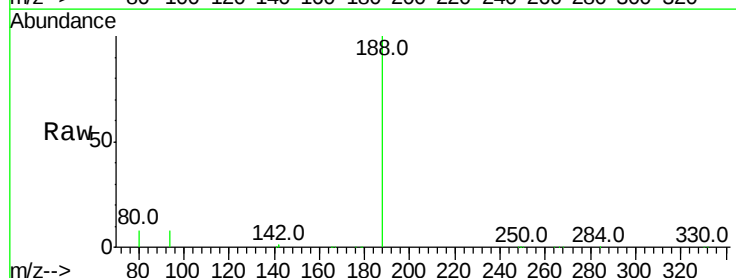
Tgt Ion:188 Resp: 214546

Ion Ratio Lower Upper

188 100

94 8.0 10.3 15.5#

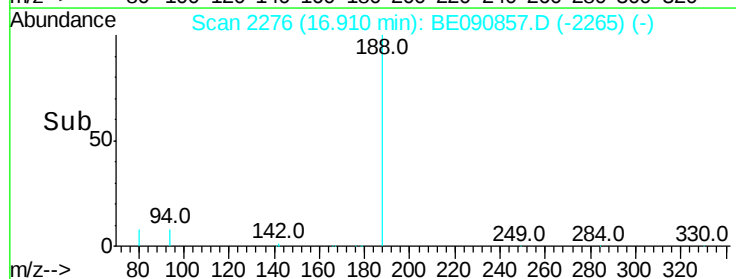
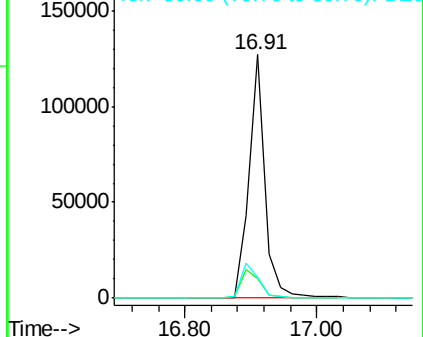
80 8.4 11.0 16.6#

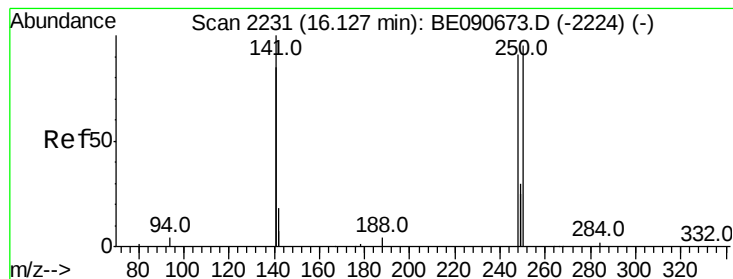


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0





#19

4-Bromophenyl-phenylether

Concen: 0.96 ng

RT: 16.11 min Scan# 2230

Delta R.T. -0.02 min

Lab File: BE090857.D

Acq: 17 Sep 2015 9:41

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

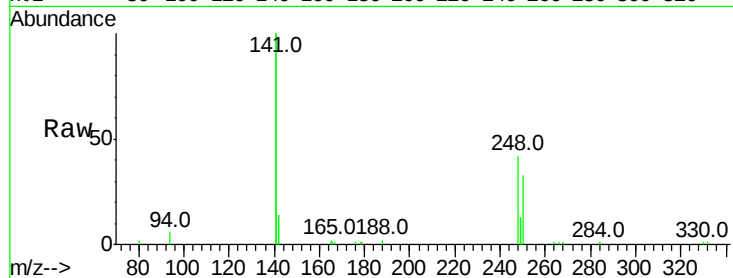
Tgt Ion:248 Resp: 7005

Ion Ratio Lower Upper

248 100

250 96.2 76.7 115.1

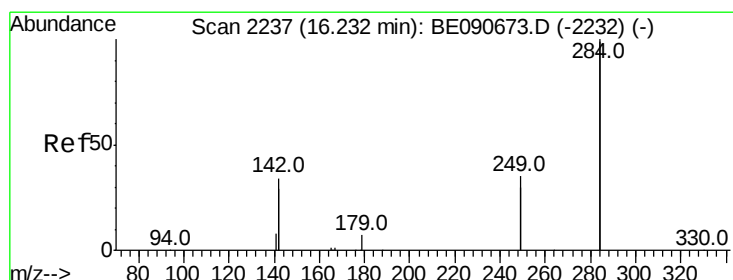
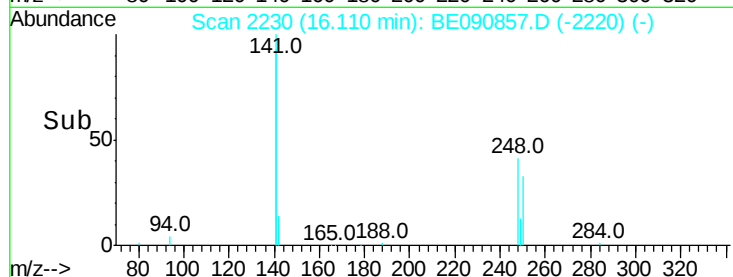
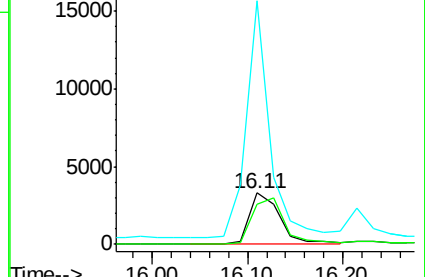
141 364.9 292.6 439.0



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: 0.97 ng

RT: 16.23 min Scan# 2237

Delta R.T. 0.00 min

Lab File: BE090857.D

Acq: 17 Sep 2015 9:41

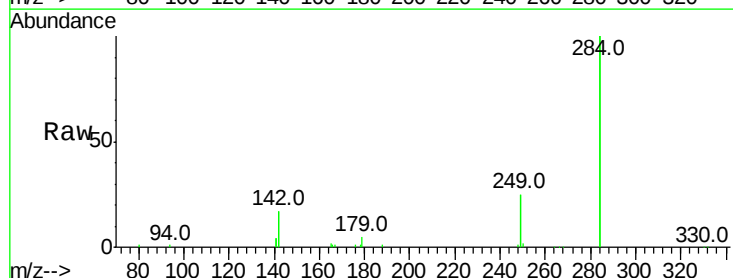
Tgt Ion:284 Resp: 37398

Ion Ratio Lower Upper

284 100

142 42.8 35.0 52.4

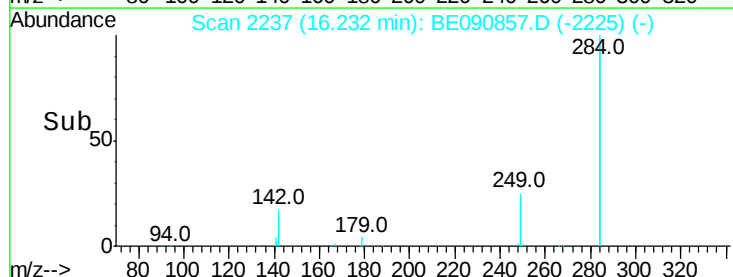
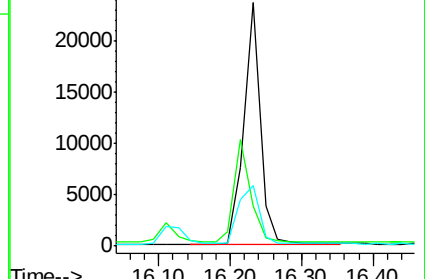
249 30.6 25.5 38.3

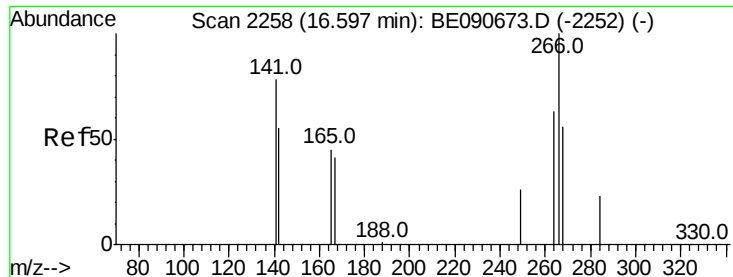


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

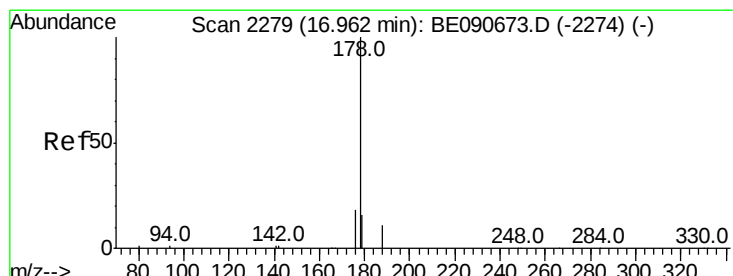
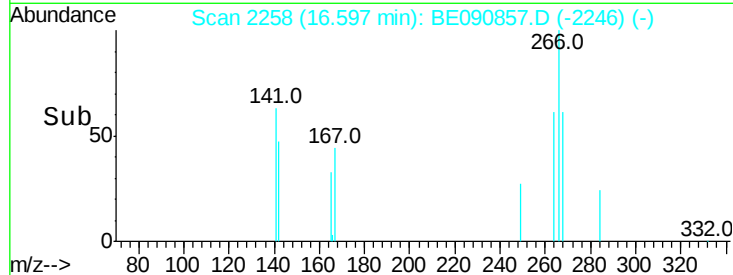
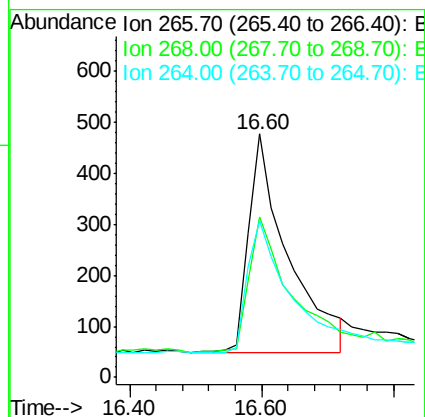
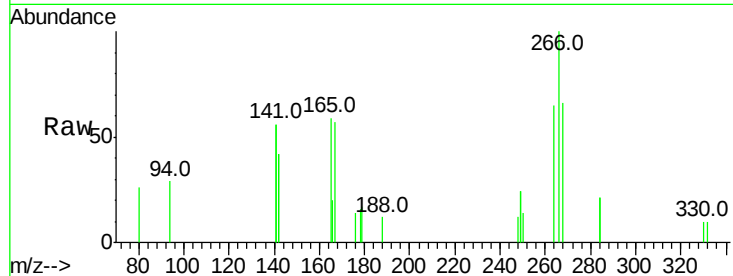




#21
 Pentachlorophenol
 Concen: 1.01 ng
 RT: 16.60 min Scan# 2258
 Delta R.T. 0.00 min
 Lab File: BE090857.D
 Acq: 17 Sep 2015 9:41

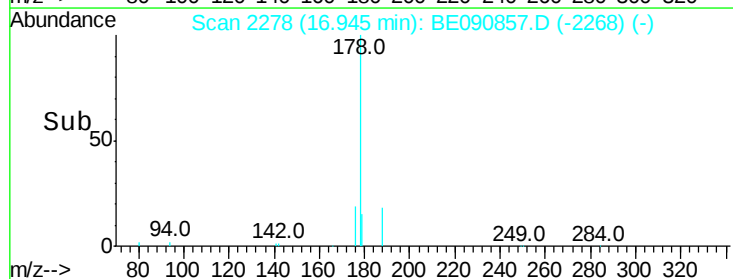
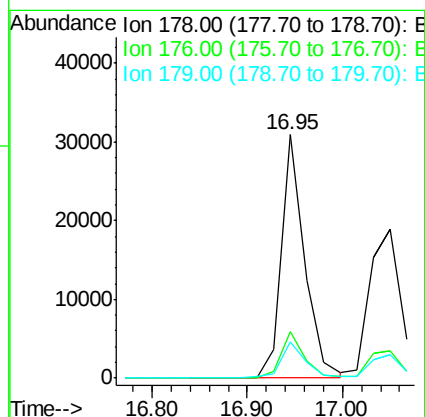
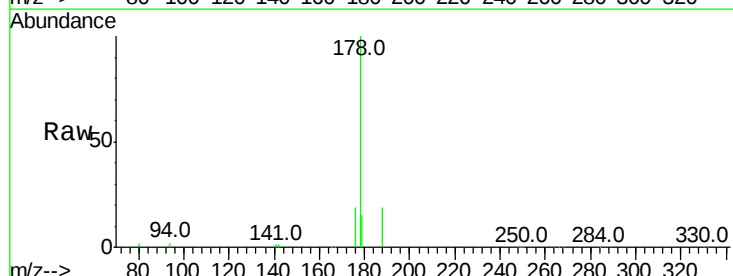
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001

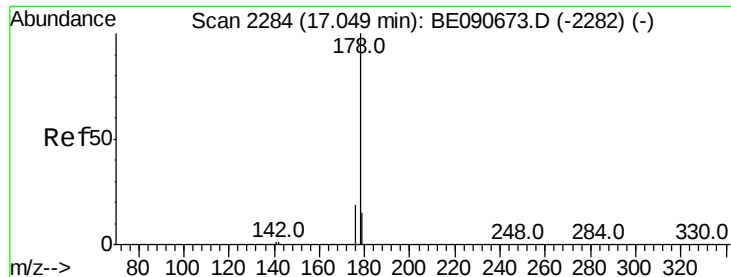
Tgt Ion: 266 Resp: 1751
 Ion Ratio Lower Upper
 266 100
 268 66.0 49.6 74.4
 264 64.6 53.9 80.9



#22
 Phenanthrene
 Concen: 0.97 ng
 RT: 16.95 min Scan# 2278
 Delta R.T. -0.02 min
 Lab File: BE090857.D
 Acq: 17 Sep 2015 9:41

Tgt Ion: 178 Resp: 51690
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.6 23.4
 179 15.7 12.8 19.2





#23

Anthracene

Concen: 0.99 ng

RT: 17.05 min Scan# 2284

Delta R.T. 0.00 min

Lab File: BE090857.D

Acq: 17 Sep 2015 9:41

Instrument :

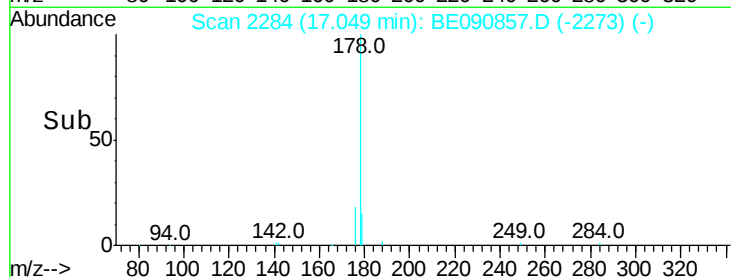
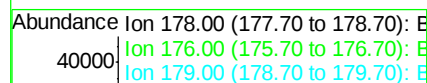
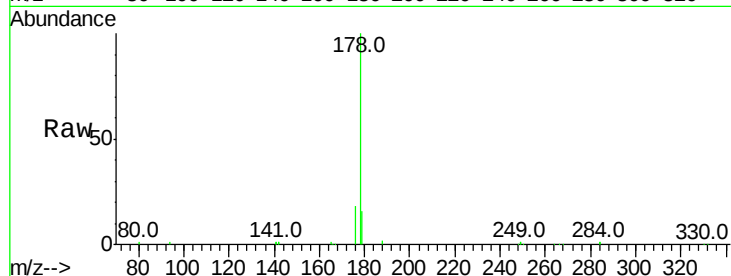
BNA_E

ClientSampleId :

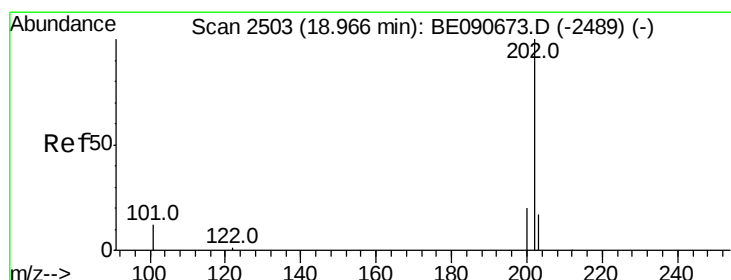
SSTDCCC001

Tgt Ion:178 Resp: 44080

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.0	22.6
179	14.7	12.3	18.5



Time-->



#24

Fluoranthene

Concen: 0.94 ng

RT: 18.95 min Scan# 2501

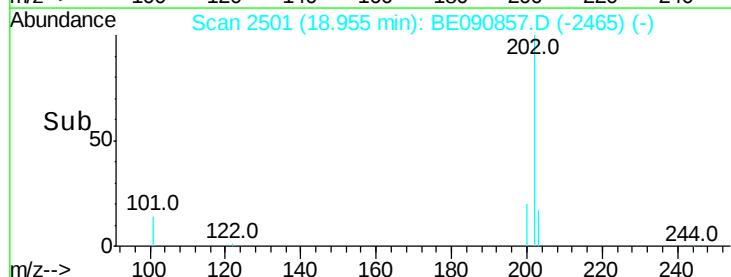
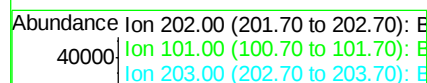
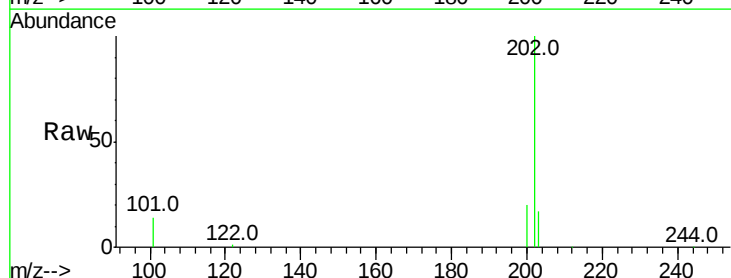
Delta R.T. -0.01 min

Lab File: BE090857.D

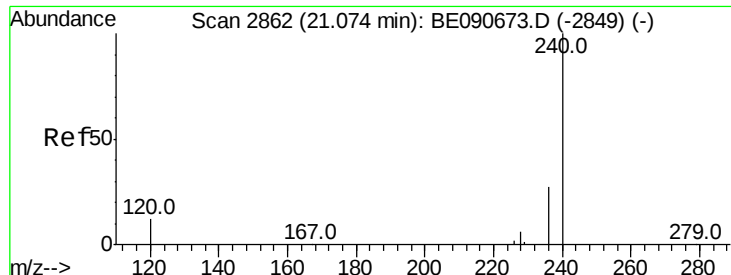
Acq: 17 Sep 2015 9:41

Tgt Ion:202 Resp: 52725

Ion	Ratio	Lower	Upper
202	100		
101	14.3	11.0	16.6
203	17.1	13.9	20.9



Time-->



#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.07 min Scan# 2861

Delta R.T. -0.01 min

Lab File: BE090857.D

Acq: 17 Sep 2015 9:41

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

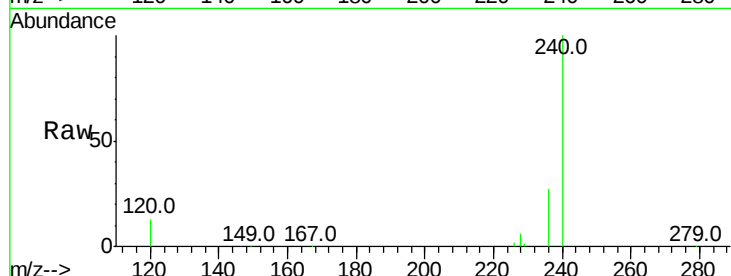
Tgt Ion:240 Resp: 255882

Ion Ratio Lower Upper

240 100

120 13.1 10.1 15.1

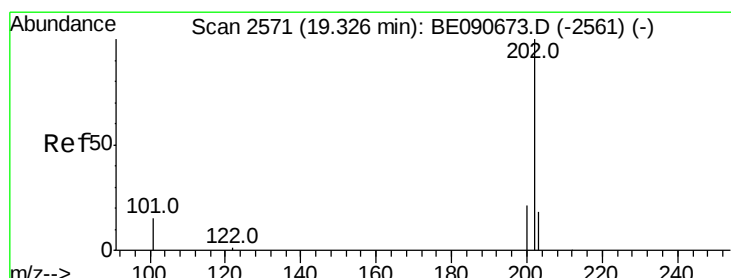
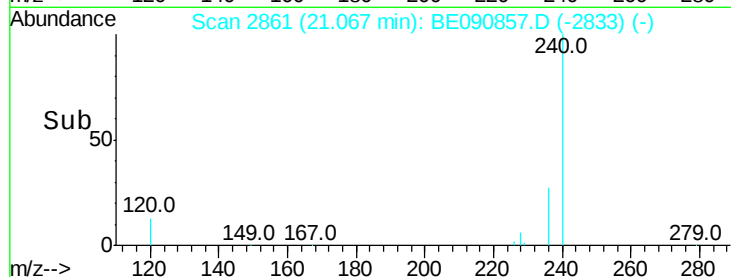
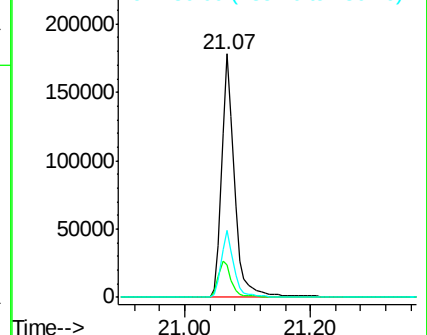
236 27.4 21.9 32.9



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#26

Pyrene

Concen: 1.04 ng

RT: 19.32 min Scan# 2569

Delta R.T. -0.01 min

Lab File: BE090857.D

Acq: 17 Sep 2015 9:41

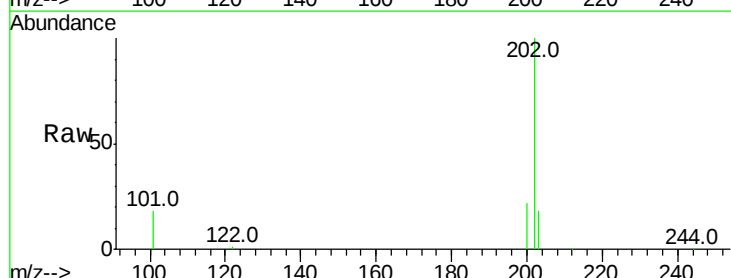
Tgt Ion:202 Resp: 54825

Ion Ratio Lower Upper

202 100

200 21.1 16.7 25.1

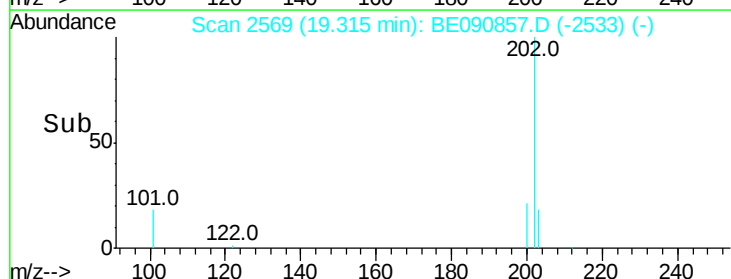
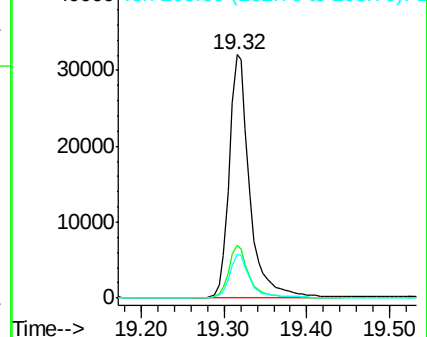
203 17.5 13.8 20.6

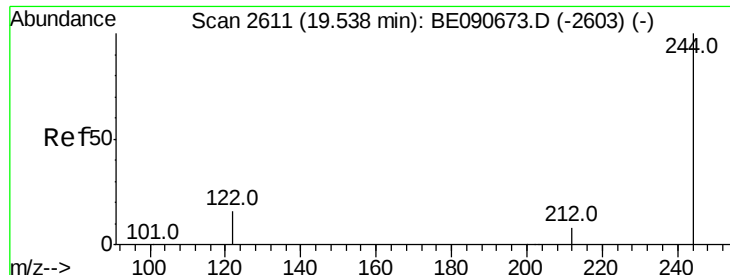


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

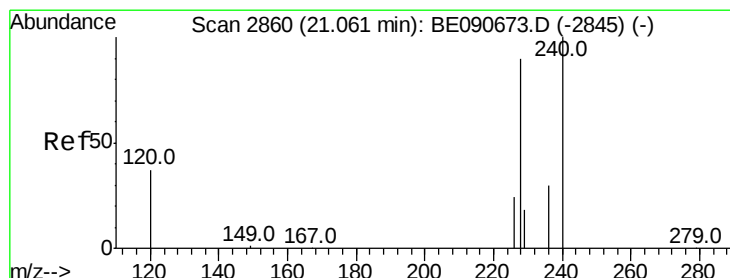
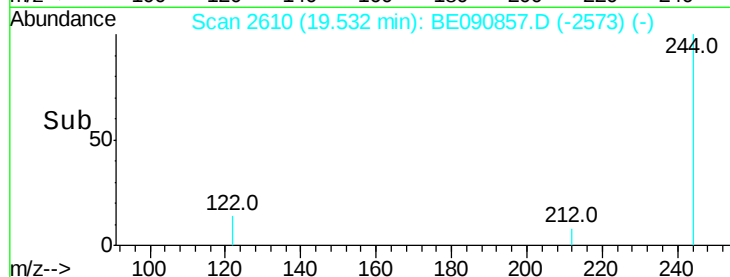
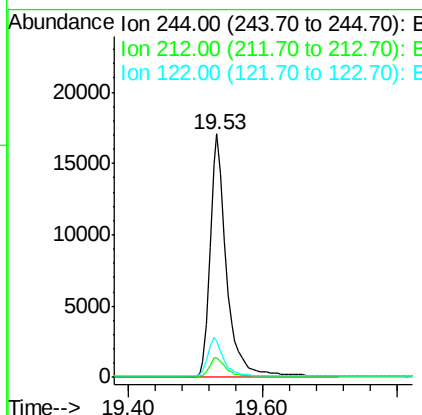
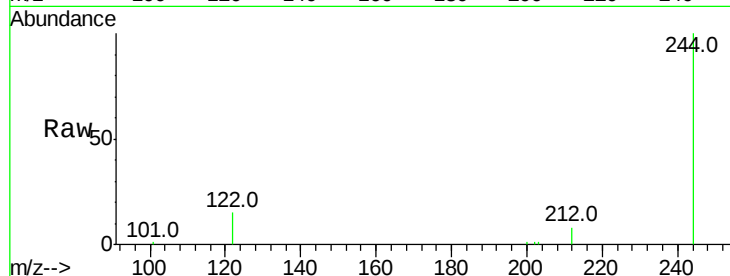




#27
 Terphenyl-d14
 Concen: 1.02 ng
 RT: 19.53 min Scan# 2610
 Delta R.T. -0.01 min
 Lab File: BE090857.D
 Acq: 17 Sep 2015 9:41

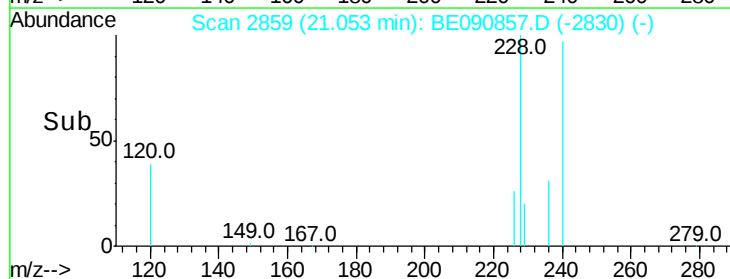
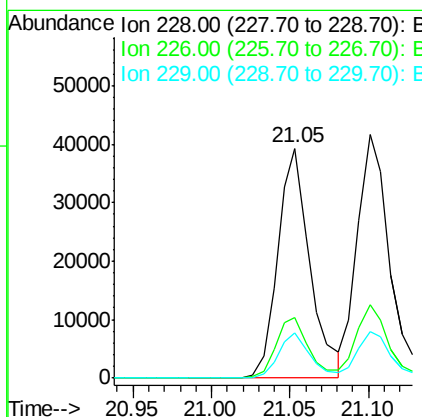
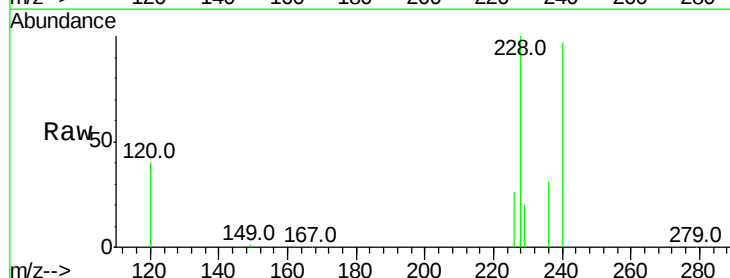
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001

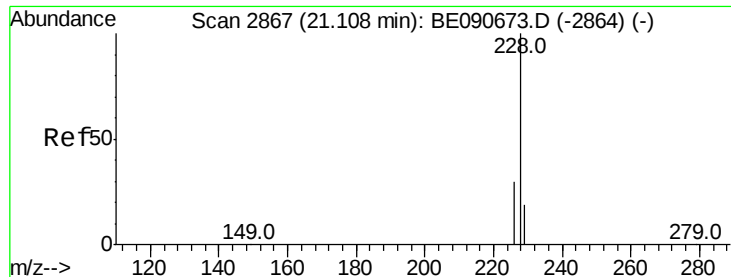
Tgt Ion:244 Resp: 28846
 Ion Ratio Lower Upper
 244 100
 212 8.3 6.9 10.3
 122 15.0 12.9 19.3



#28
 Benzo(a)anthracene
 Concen: 0.98 ng
 RT: 21.05 min Scan# 2859
 Delta R.T. -0.01 min
 Lab File: BE090857.D
 Acq: 17 Sep 2015 9:41

Tgt Ion:228 Resp: 55661
 Ion Ratio Lower Upper
 228 100
 226 26.4 21.6 32.4
 229 19.9 15.9 23.9





#29

Chrysene

Concen: 1.00 ng

RT: 21.10 min Scan# 2866

Delta R.T. -0.01 min

Lab File: BE090857.D

Acq: 17 Sep 2015 9:41

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

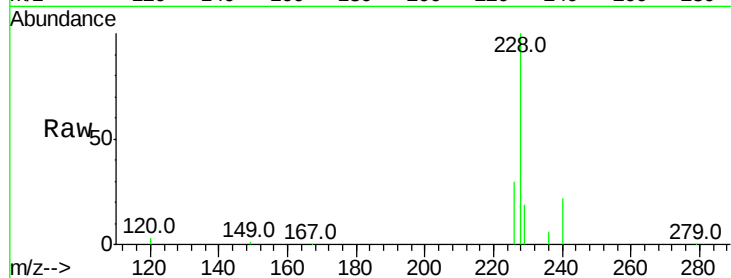
Tgt Ion:228 Resp: 62599

Ion Ratio Lower Upper

228 100

226 30.3 24.2 36.4

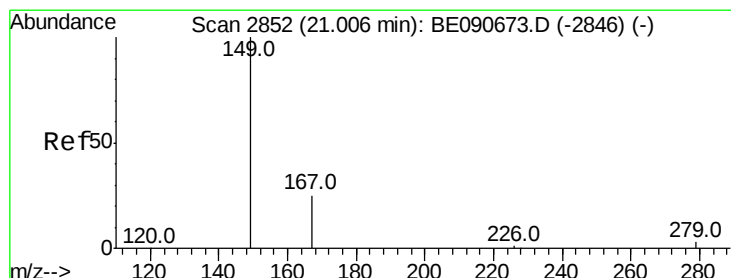
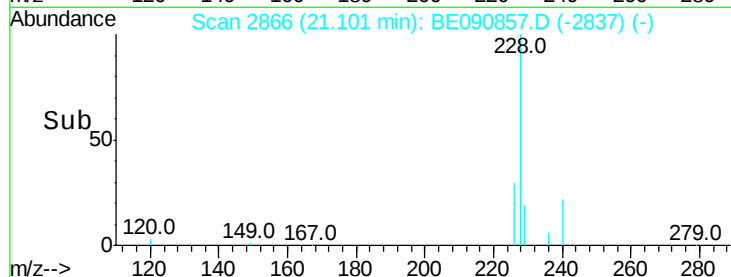
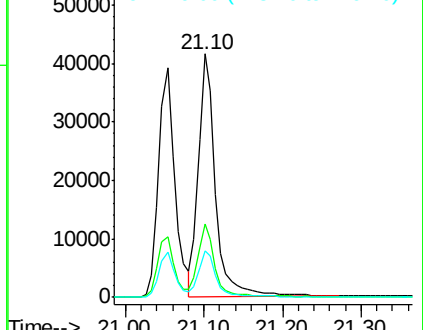
229 19.3 15.3 22.9



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: 0.96 ng

RT: 21.00 min Scan# 2851

Delta R.T. -0.01 min

Lab File: BE090857.D

Acq: 17 Sep 2015 9:41

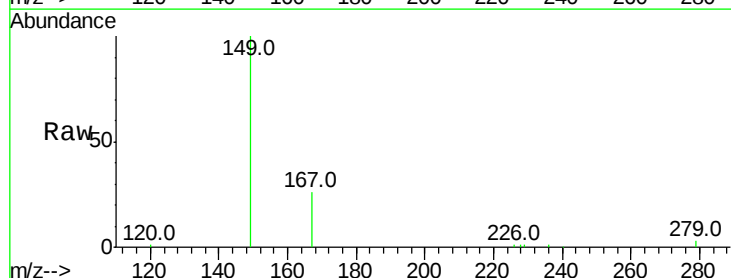
Tgt Ion:149 Resp: 13956

Ion Ratio Lower Upper

149 100

167 25.3 20.1 30.1

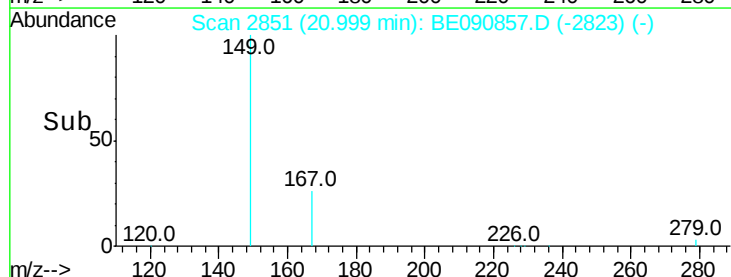
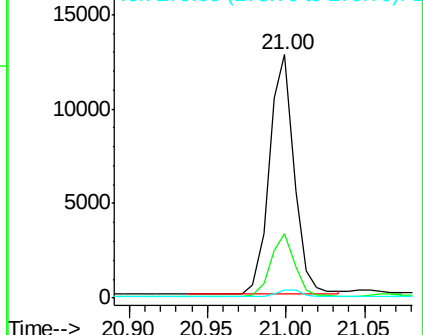
279 3.0 2.3 3.5

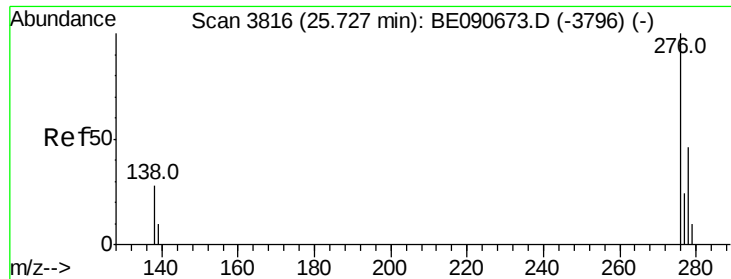


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.92 ng

RT: 25.71 min Scan# 3812

Delta R.T. -0.02 min

Lab File: BE090857.D

Acq: 17 Sep 2015 9:41

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

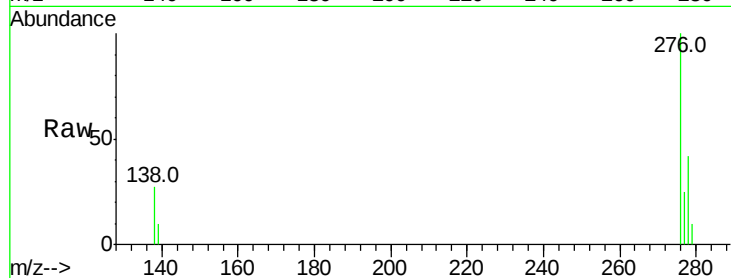
Tgt Ion:276 Resp: 55426

Ion Ratio Lower Upper

276 100

138 29.6 23.3 34.9

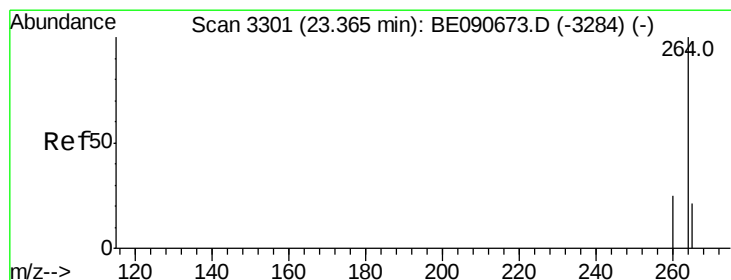
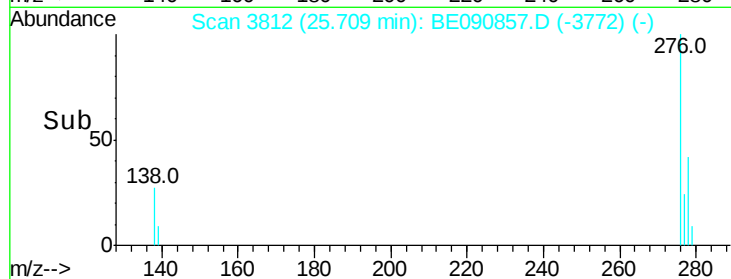
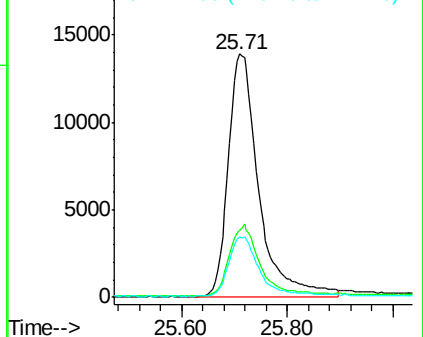
277 25.2 19.8 29.6



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: 23.35 min Scan# 3298

Delta R.T. -0.01 min

Lab File: BE090857.D

Acq: 17 Sep 2015 9:41

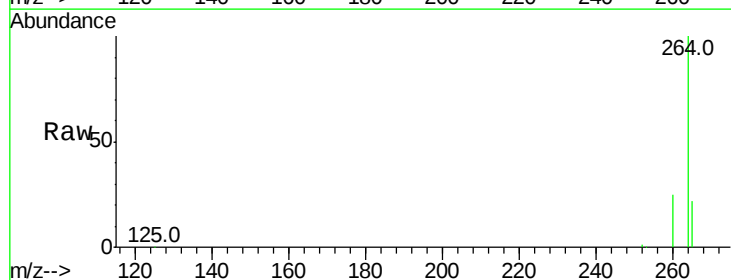
Tgt Ion:264 Resp: 225282

Ion Ratio Lower Upper

264 100

260 25.2 19.7 29.5

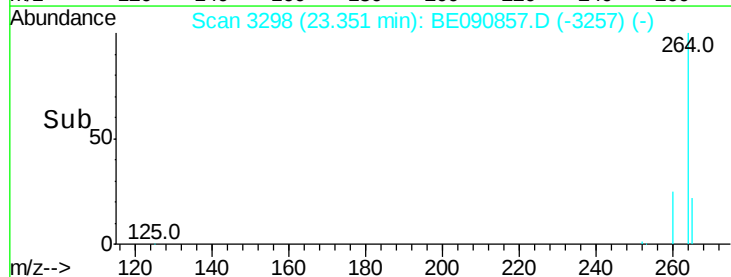
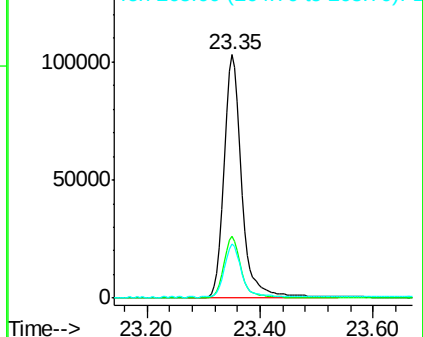
265 22.1 17.5 26.3

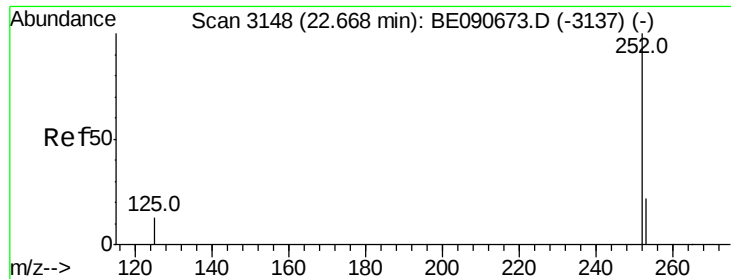


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#33

Benzo(b)fluoranthene

Concen: 0.98 ng

RT: 22.66 min Scan# 3146

Delta R.T. -0.01 min

Lab File: BE090857.D

Acq: 17 Sep 2015 9:41

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

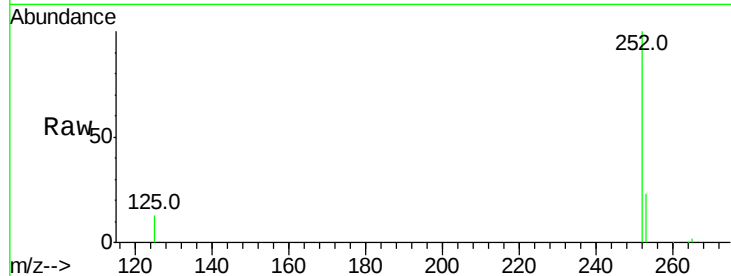
Tgt Ion:252 Resp: 47824

Ion Ratio Lower Upper

252 100

253 22.5 17.9 26.9

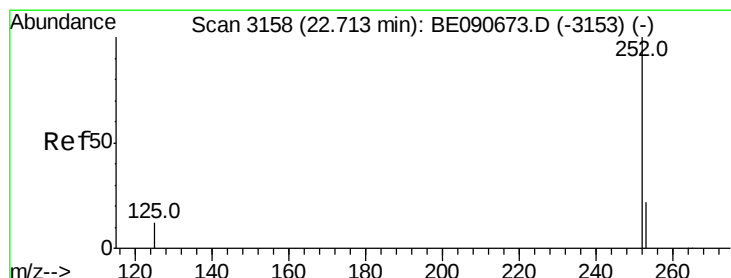
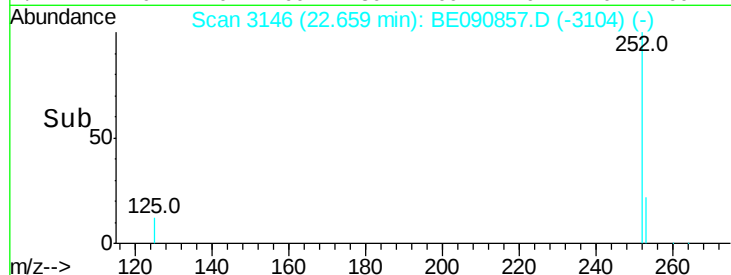
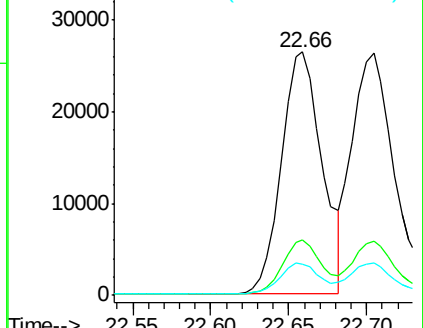
125 12.7 10.6 16.0



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: 0.95 ng

RT: 22.70 min Scan# 3156

Delta R.T. -0.01 min

Lab File: BE090857.D

Acq: 17 Sep 2015 9:41

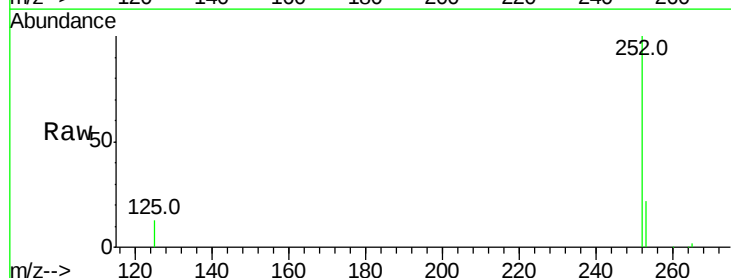
Tgt Ion:252 Resp: 53887

Ion Ratio Lower Upper

252 100

253 22.4 17.9 26.9

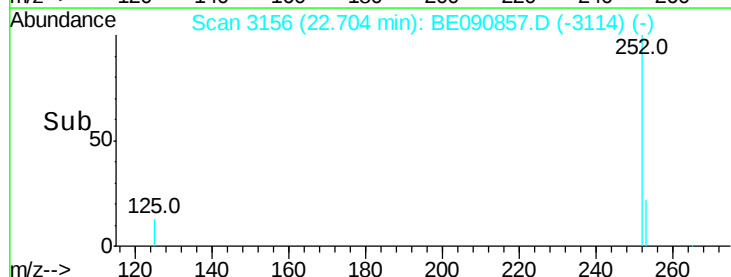
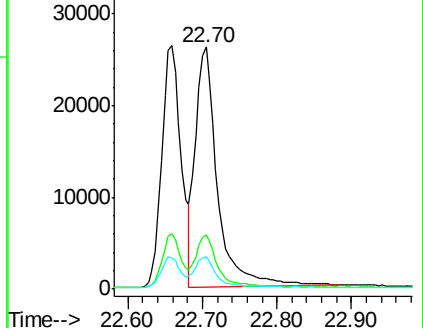
125 13.2 10.1 15.1

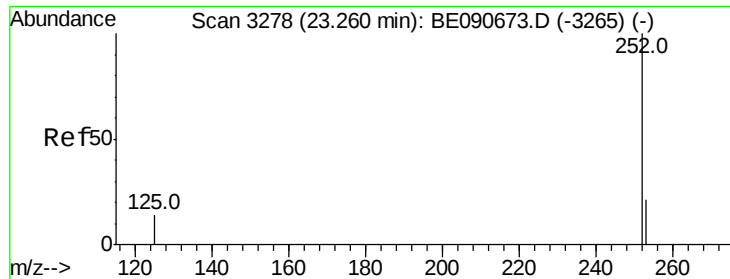


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#35

Benzo(a)pyrene

Concen: 0.97 ng

RT: 23.25 min Scan# 3275

Delta R.T. -0.01 min

Lab File: BE090857.D

Acq: 17 Sep 2015 9:41

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

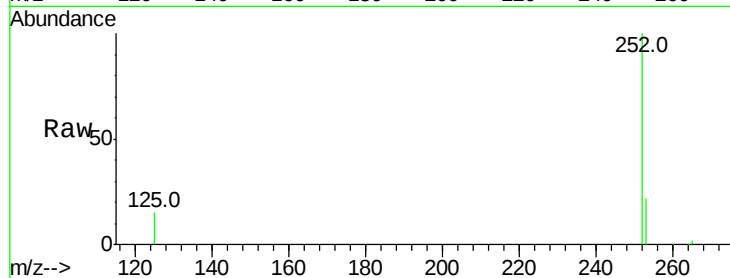
Tgt Ion:252 Resp: 42475

Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

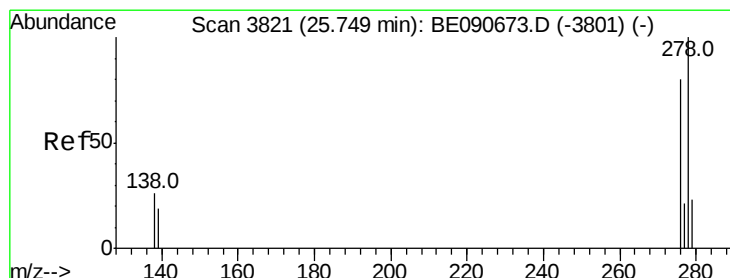
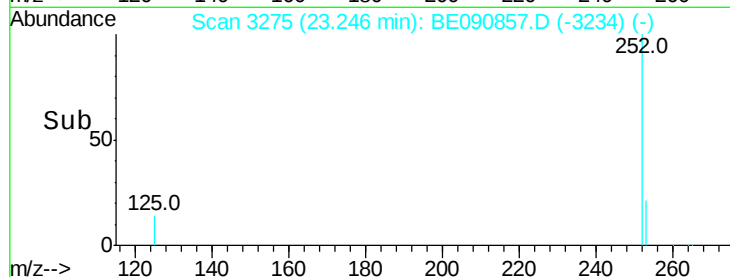
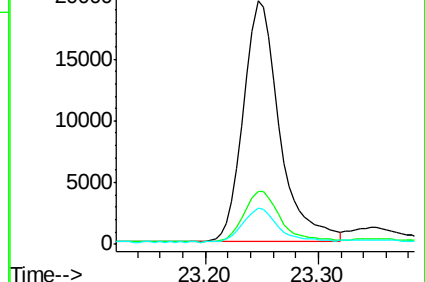
125 14.6 11.6 17.4



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: 25.73 min Scan# 3817

Delta R.T. -0.02 min

Lab File: BE090857.D

Acq: 17 Sep 2015 9:41

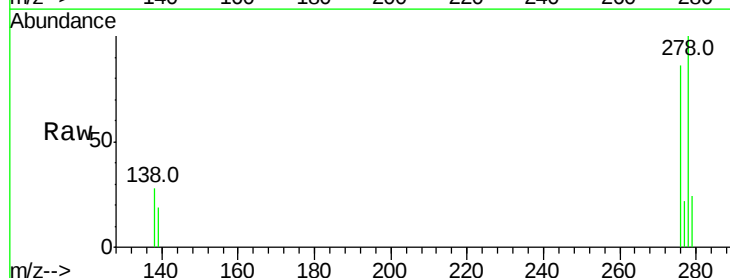
Tgt Ion:278 Resp: 42868

Ion Ratio Lower Upper

278 100

139 19.1 15.4 23.0

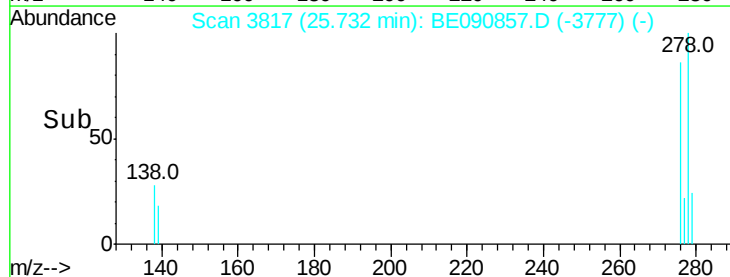
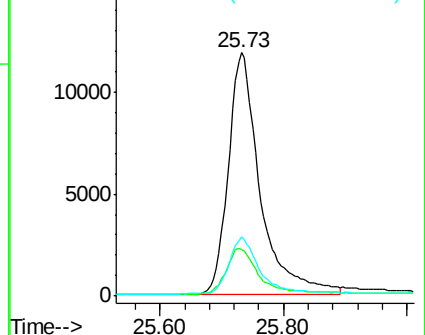
279 24.2 18.8 28.2

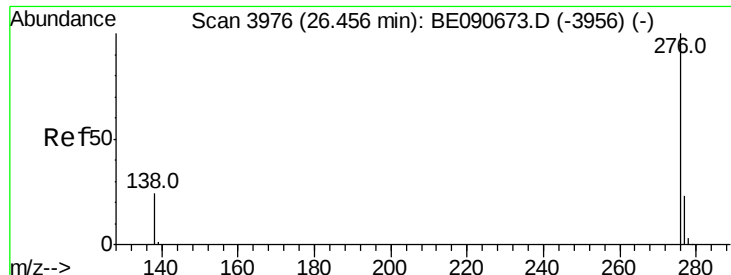


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.95 ng

RT: 26.43 min Scan# 3970

Delta R.T. -0.03 min

Lab File: BE090857.D

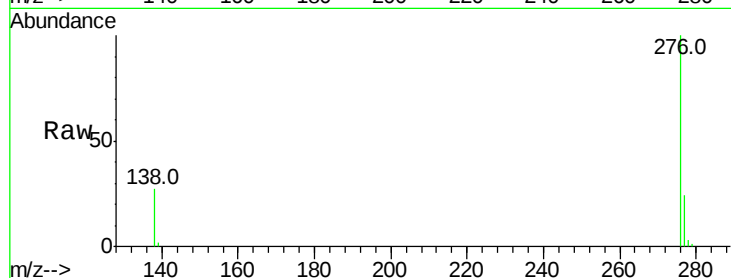
Acq: 17 Sep 2015 9:41

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001



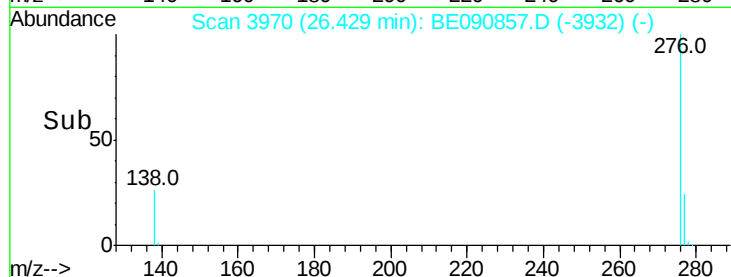
Tgt Ion: 276 Resp: 47579

Ion Ratio Lower Upper

276 100

277 24.4 18.5 27.7

138 26.9 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

