

Data Path : Z:\HPCHEM1\BNA E\DATA\BE090415\
 Data File : BE090730.D
 Acq On : 4 Sep 2015 15:23
 Operator : UM/IZ
 Sample : SSTDCCC001
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001

Quant Time: Sep 04 16:04:21 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

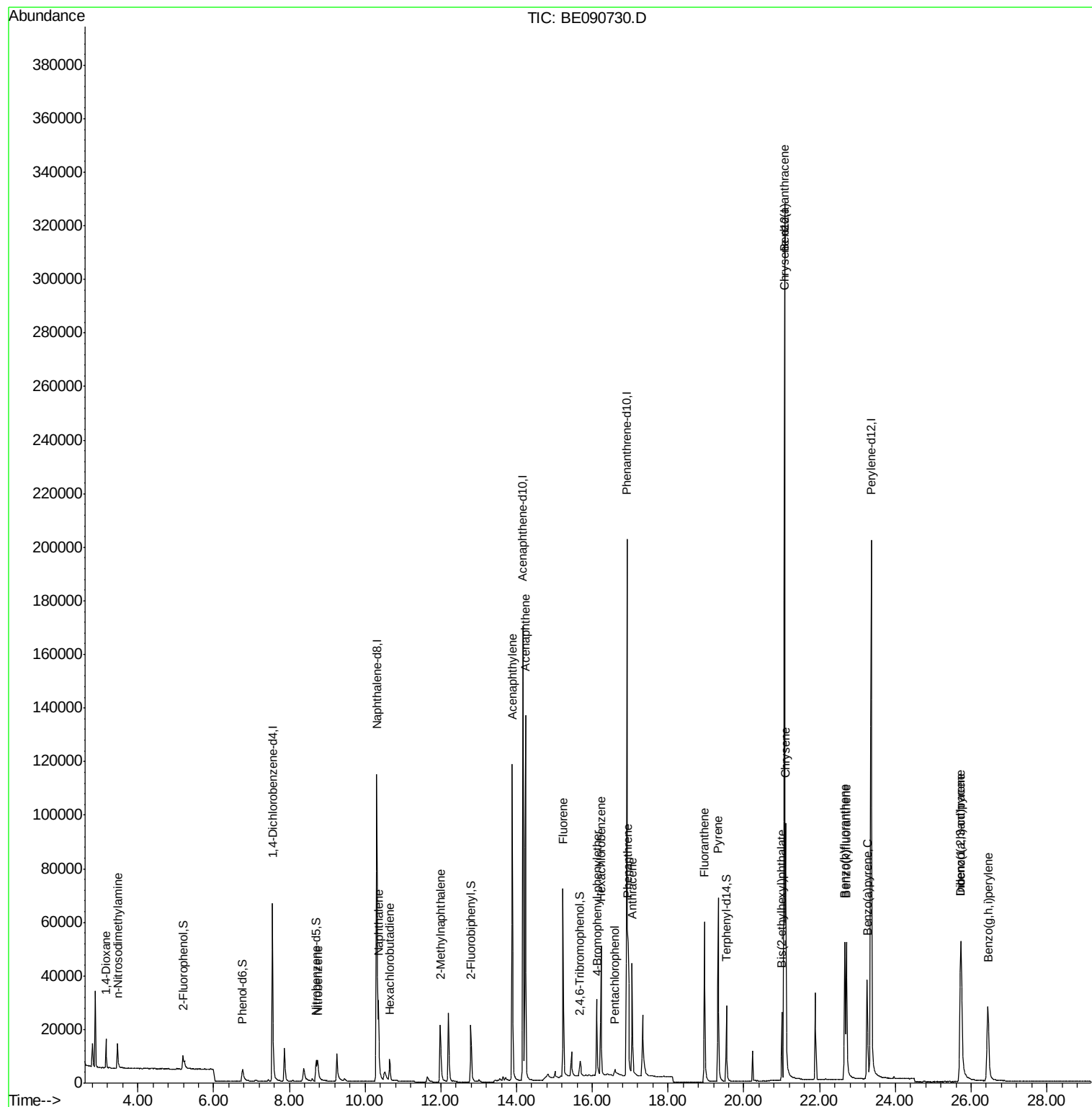
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	39683	5.00	ng	0.00
6) Naphthalene-d8	10.30	136	182517	5.00	ng	0.00
12) Acenaphthene-d10	14.17	164	99926	5.00	ng	0.00
18) Phenanthrene-d10	16.91	188	252671	5.00	ng	0.00
25) Chrysene-d12	21.07	240	312168	5.00	ng	0.00
32) Perylene-d12	23.36	264	290208	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.19	112	7931m	1.04	ng	0.00
5) Phenol-d6	6.76	99	11426	1.03	ng	0.00
7) Nitrobenzene-d5	8.71	82	11650	0.97	ng	0.00
13) 2,4,6-Tribromophenol	15.67	330	3287	1.25	ng	0.00
14) 2-Fluorobiphenyl	12.80	172	27559	1.00	ng	0.00
27) Terphenyl-d14	19.54	244	38376	1.11	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.16	88	6020	1.02	ng	100
3) n-Nitrosodimethylamine	3.46	42	6771	0.90	ng	# 86
8) Nitrobenzene	8.75	77	12693	0.95	ng	98
9) Naphthalene	10.36	128	40225	1.01	ng	100
10) Hexachlorobutadiene	10.65	225	6105	0.98	ng	100
11) 2-Methylnaphthalene	11.98	142	24291	1.13	ng	99
15) Acenaphthylene	13.89	152	168828	1.06	ng	100
16) Acenaphthene	14.23	154	27016	1.01	ng	92
17) Fluorene	15.22	166	33574	1.01	ng	97
19) 4-Bromophenyl-phenylether	16.13	248	8731	1.01	ng	99
20) Hexachlorobenzene	16.23	284	44980	0.99	ng	97
21) Pentachlorophenol	16.60	266	2731	1.19	ng	94
22) Phenanthrene	16.94	178	63601	1.02	ng	99
23) Anthracene	17.05	178	55217	1.06	ng	99
24) Fluoranthene	18.96	202	69839	1.06	ng	99
26) Pyrene	19.32	202	74110	1.15	ng	100
28) Benzo(a)anthracene	21.06	228	74275	1.07	ng	99
29) Chrysene	21.11	228	83946	1.11	ng	100
30) Bis(2-ethylhexyl)phthalate	21.00	149	23653	1.29	ng	99
31) Indeno(1,2,3-cd)pyrene	25.72	276	84222	1.14	ng	99
33) Benzo(b)fluoranthene	22.66	252	66116	1.05	ng	100
34) Benzo(k)fluoranthene	22.71	252	78769	1.07	ng	99
35) Benzo(a)pyrene	23.25	252	62206	1.11	ng	99
36) Dibenzo(a,h)anthracene	25.74	278	65874	1.07	ng	98
37) Benzo(g,h,i)perylene	26.45	276	68716	1.06	ng	99

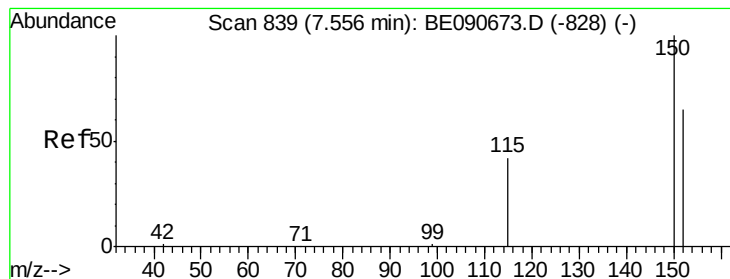
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.55 min Scan# 838

Delta R.T. -0.00 min

Lab File: BE090730.D

Acq: 4 Sep 2015 15:23

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

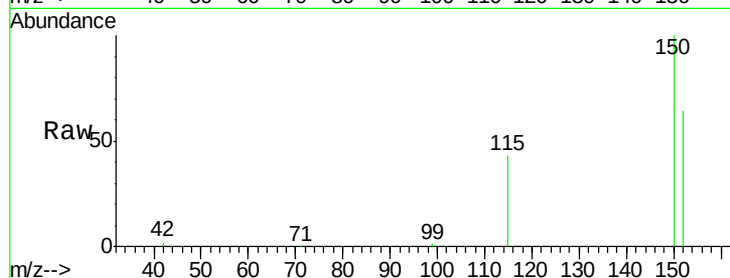
Tot Ion:152 Resp: 39683

Ion Ratio Lower Upper

152 100

150 155.7 122.2 183.4

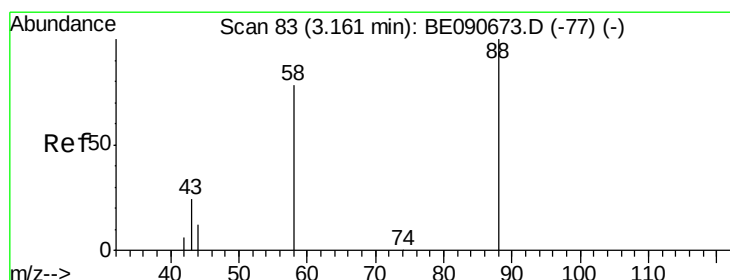
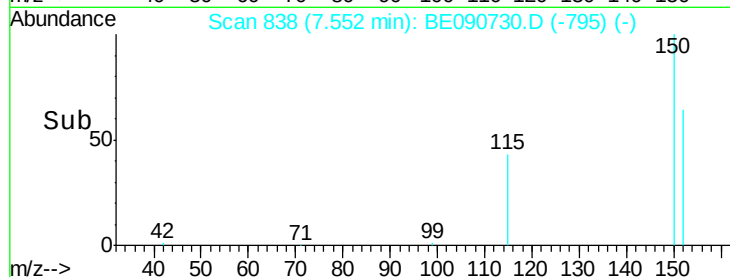
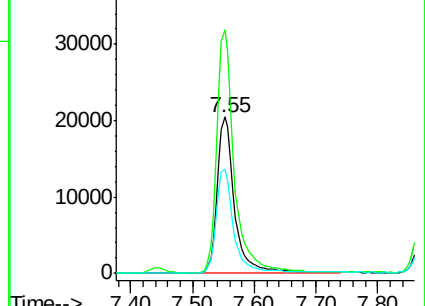
115 67.0 51.0 76.4



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: 1.02 ng

RT: 3.16 min Scan# 83

Delta R.T. 0.00 min

Lab File: BE090730.D

Acq: 4 Sep 2015 15:23

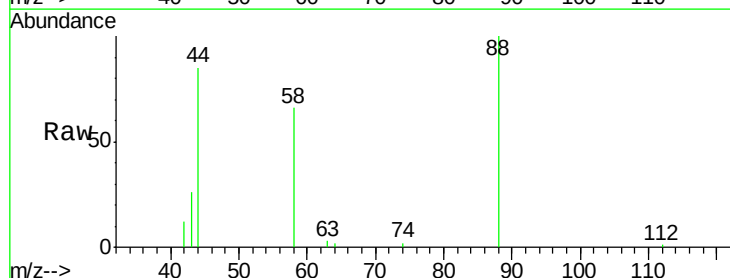
Tgt Ion: 88 Resp: 6020

Ion Ratio Lower Upper

88 100

58 85.8 68.4 102.6

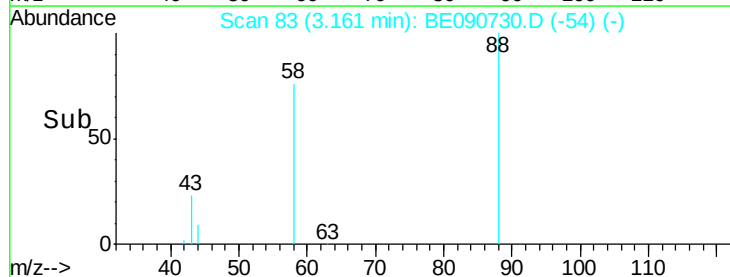
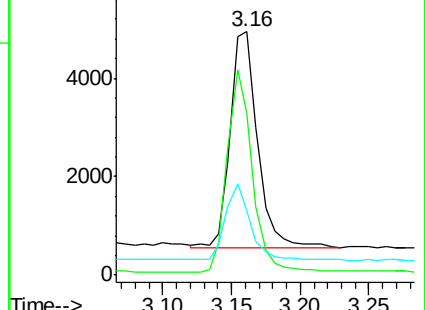
43 33.8 26.9 40.3

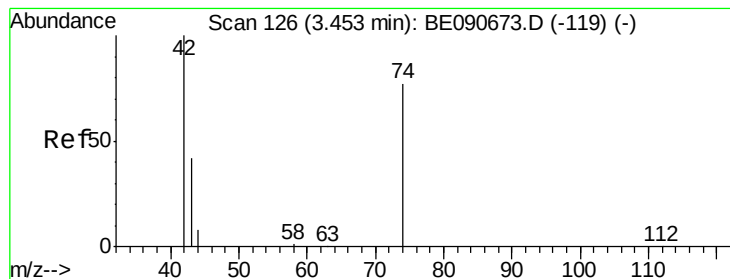


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.90 ng

RT: 3.46 min Scan# 127

Delta R.T. 0.01 min

Lab File: BE090730.D

Acq: 4 Sep 2015 15:23

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

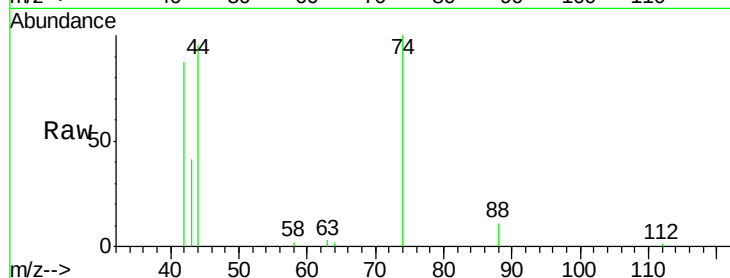
Tot Ion: 42 Resp: 6771

Ion Ratio Lower Upper

42 100

74 120.0 83.7 125.5

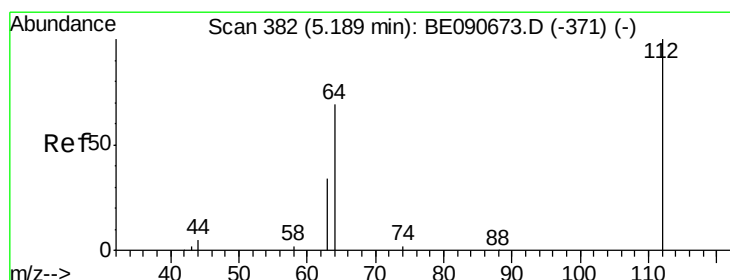
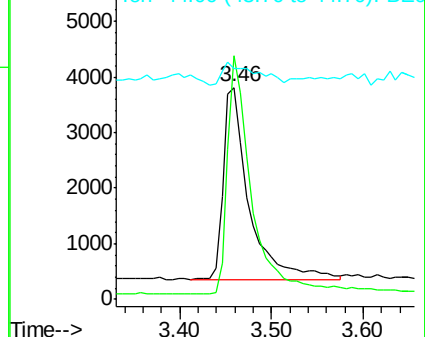
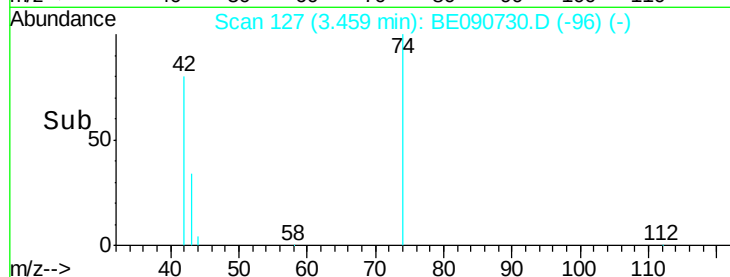
44 15.5 10.0 15.0#



Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0



#4

2-Fluorophenol

Concen: 1.04 ng m

RT: 5.19 min Scan# 382

Delta R.T. 0.00 min

Lab File: BE090730.D

Acq: 4 Sep 2015 15:23

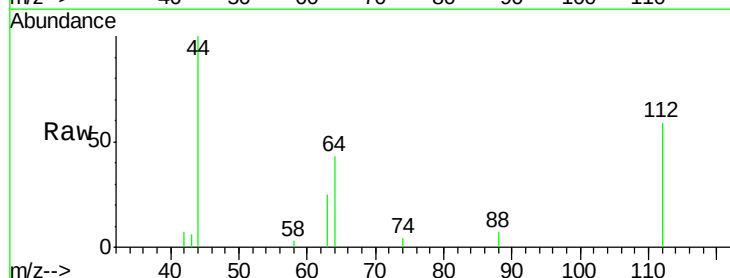
Tgt Ion: 112 Resp: 7931

Ion Ratio Lower Upper

112 100

64 73.5 57.3 85.9

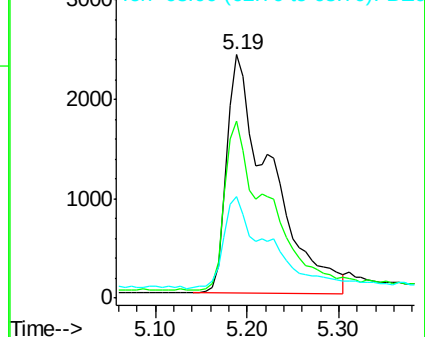
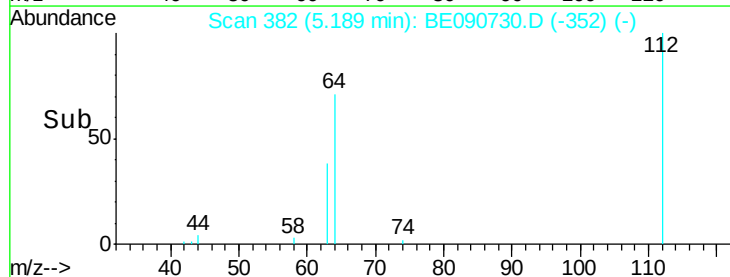
63 41.2 29.2 43.8

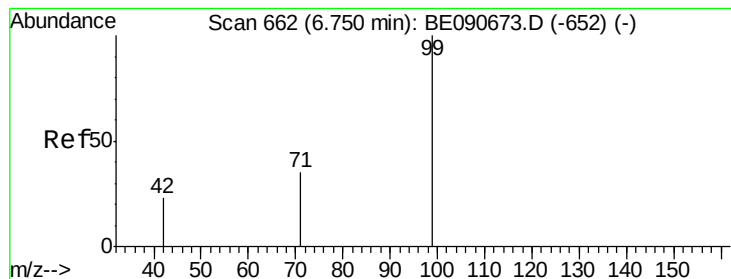


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 1.03 ng

RT: 6.76 min Scan# 664

Delta R.T. 0.01 min

Lab File: BE090730.D

Acq: 4 Sep 2015 15:23

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

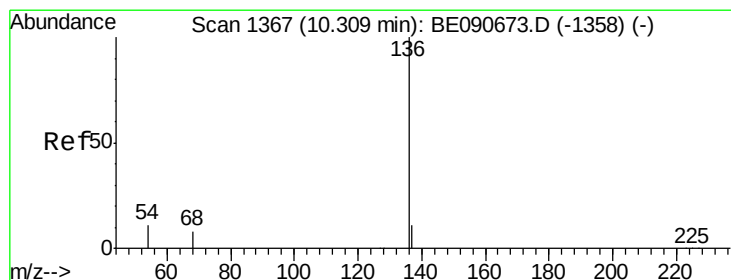
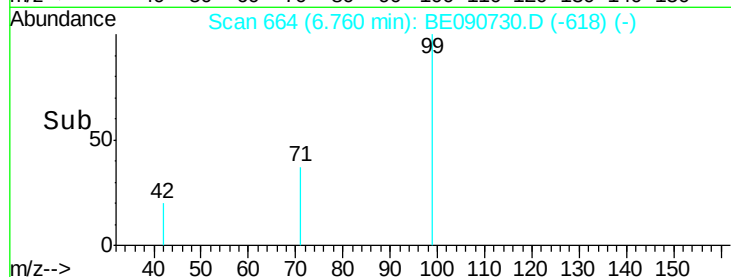
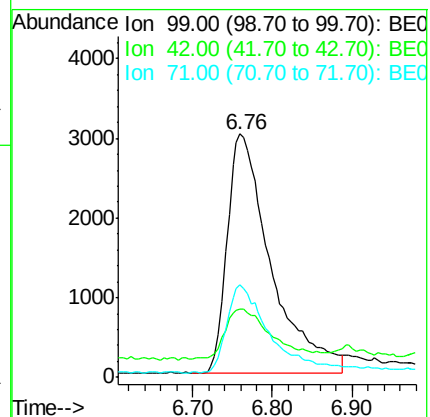
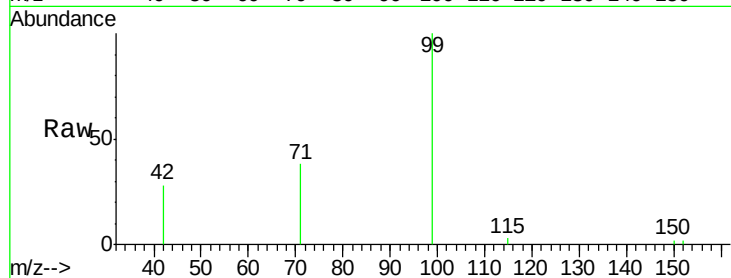
Tot Ion: 99 Resp: 11426

Ion Ratio Lower Upper

99 100

42 21.2 16.8 25.2

71 36.2 28.3 42.5



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.30 min Scan# 1366

Delta R.T. -0.01 min

Lab File: BE090730.D

Acq: 4 Sep 2015 15:23

Tgt Ion: 136 Resp: 182517

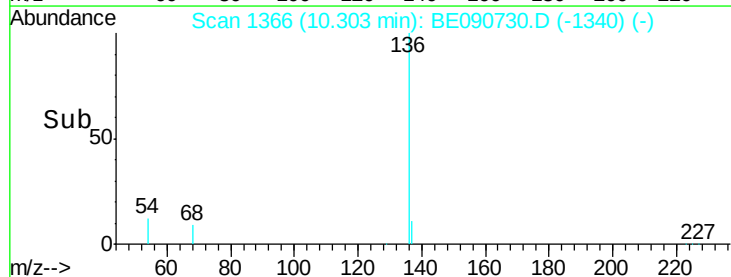
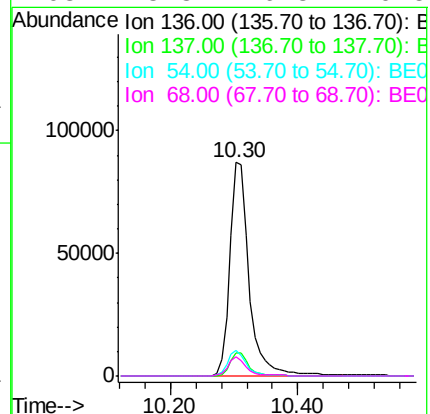
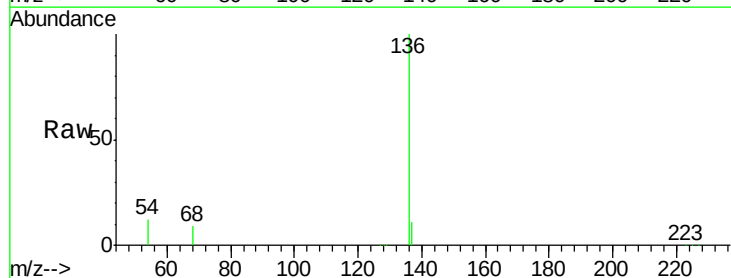
Ion Ratio Lower Upper

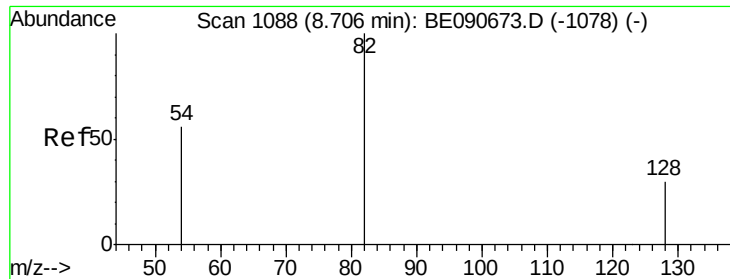
136 100

137 11.0 8.7 13.1

54 12.2 9.0 13.6

68 8.8 6.3 9.5





#7

Nitrobenzene-d5

Concen: 0.97 ng

RT: 8.71 min Scan# 1088

Delta R.T. -0.00 min

Lab File: BE090730.D

Acq: 4 Sep 2015 15:23

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

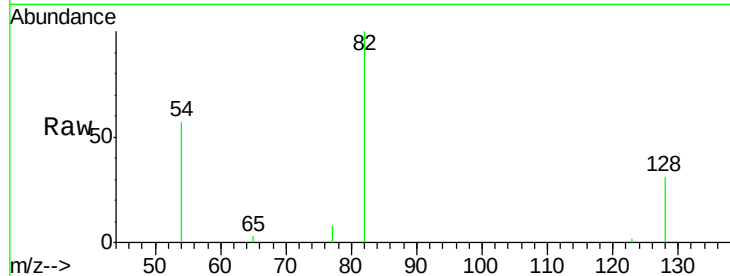
Tot Ion: 82 Resp: 11650

Ion Ratio Lower Upper

82 100

128 31.4 25.0 37.4

54 57.4 46.3 69.5

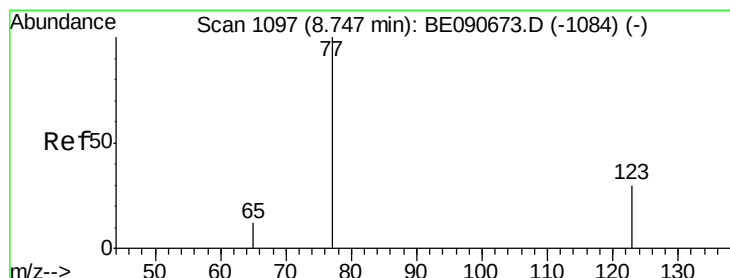
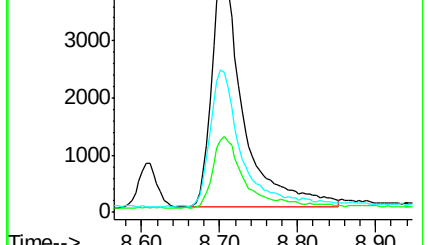
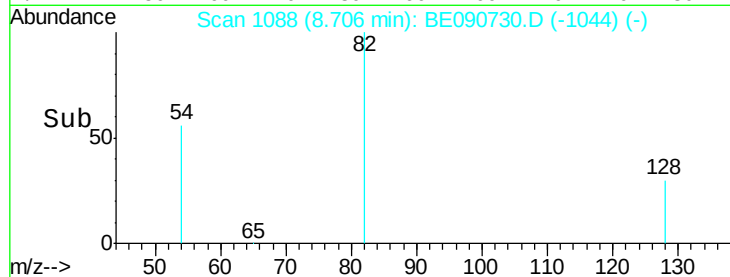


Abundance Ion 82.00 (81.70 to 82.70): BE090730.D (-1078) (-)

Ion 128.00 (127.70 to 128.70): BE090730.D (-1078) (-)

Ion 54.00 (53.70 to 54.70): BE090730.D (-1078) (-)

Time-->



#8

Nitrobenzene

Concen: 0.95 ng

RT: 8.75 min Scan# 1097

Delta R.T. 0.00 min

Lab File: BE090730.D

Acq: 4 Sep 2015 15:23

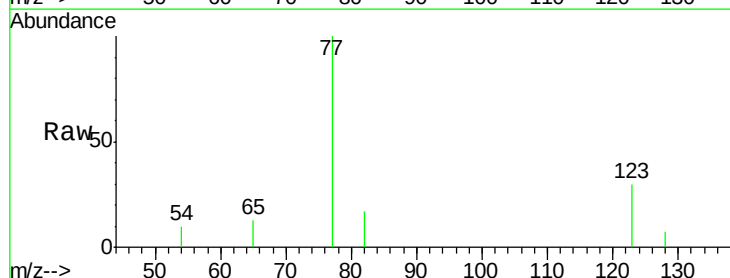
Tgt Ion: 77 Resp: 12693

Ion Ratio Lower Upper

77 100

123 30.5 25.1 37.7

65 10.5 9.9 14.9

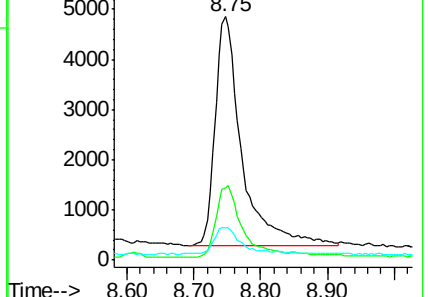
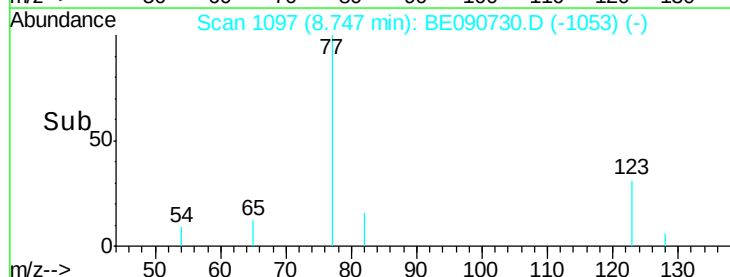


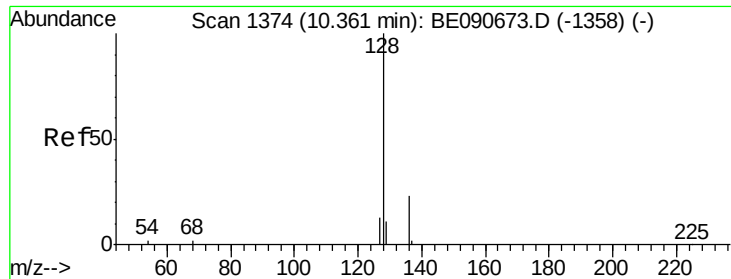
Abundance Ion 77.00 (76.70 to 77.70): BE090730.D (-1084) (-)

Ion 123.00 (122.70 to 123.70): BE090730.D (-1084) (-)

Ion 65.00 (64.70 to 65.70): BE090730.D (-1084) (-)

Time-->





#9

Naphthalene

Concen: 1.01 ng

RT: 10.36 min Scan# 1373

Delta R.T. -0.01 min

Lab File: BE090730.D

Acq: 4 Sep 2015 15:23

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

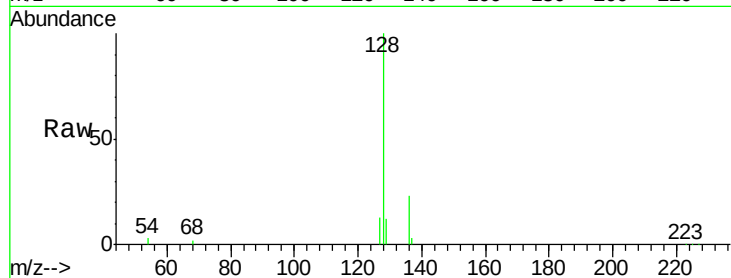
Tot Ion:128 Resp: 40225

Ion Ratio Lower Upper

128 100

129 11.6 9.0 13.6

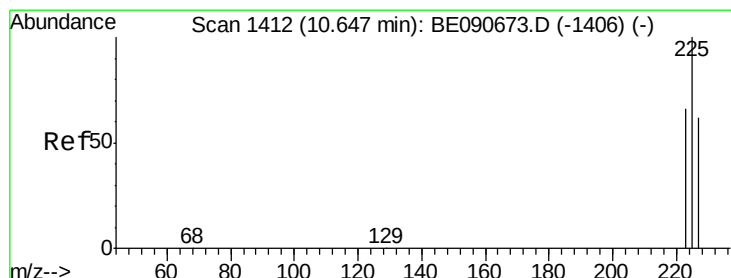
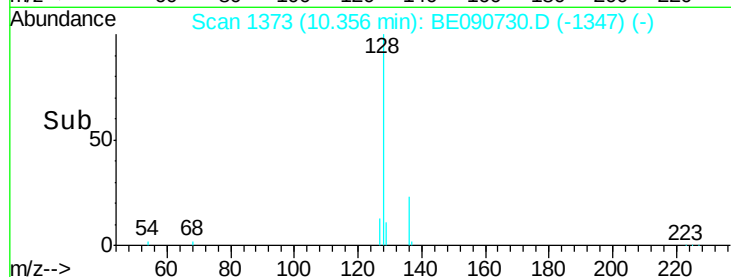
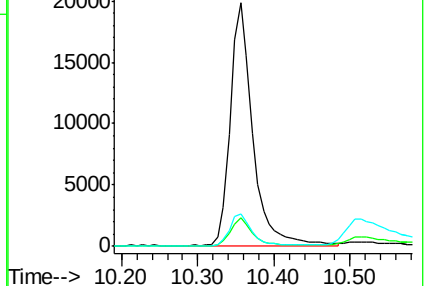
127 13.2 10.6 15.8



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: 0.98 ng

RT: 10.65 min Scan# 1412

Delta R.T. 0.00 min

Lab File: BE090730.D

Acq: 4 Sep 2015 15:23

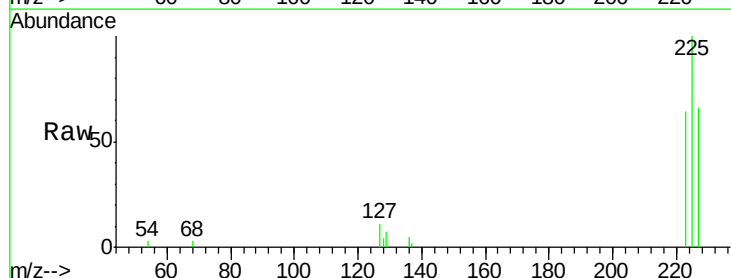
Tgt Ion:225 Resp: 6105

Ion Ratio Lower Upper

225 100

223 63.5 50.6 76.0

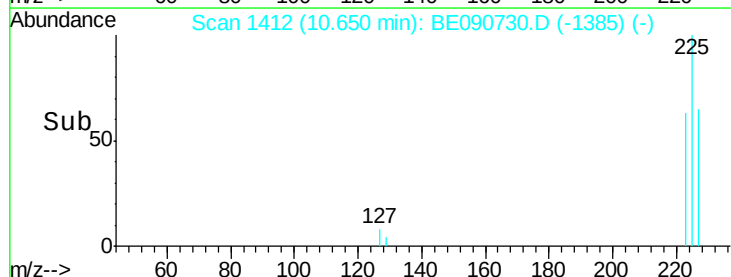
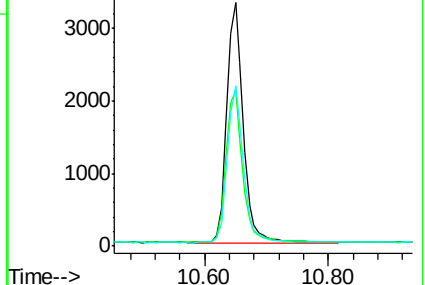
227 64.0 51.0 76.6

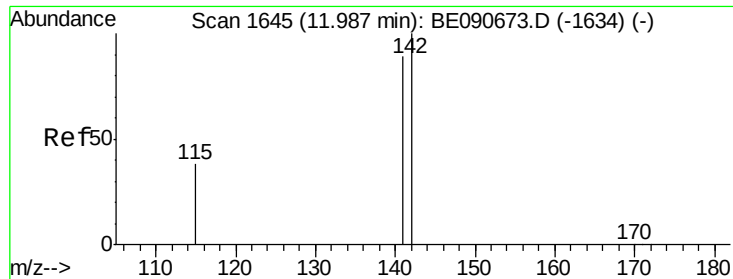


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

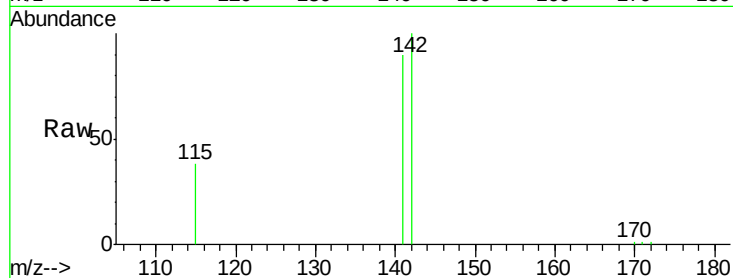




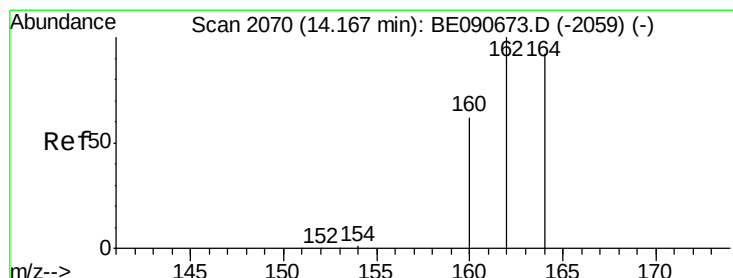
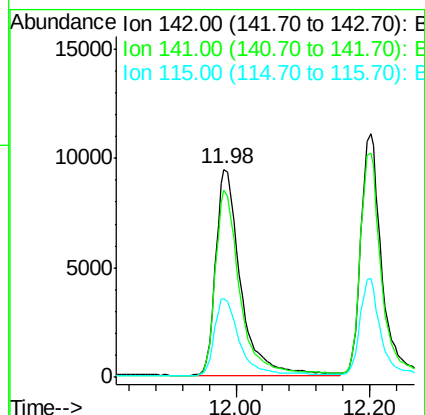
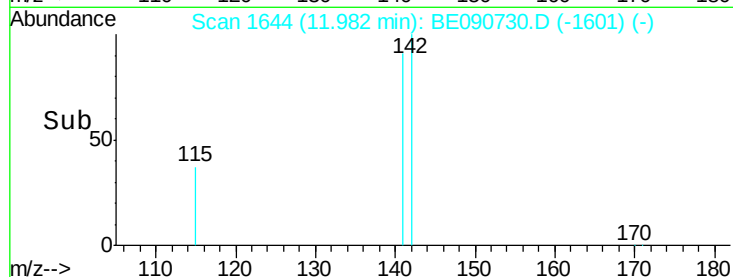
#11
2-Methylnaphthalene
Concen: 1.13 ng
RT: 11.98 min Scan# 1644
Delta R.T. -0.00 min
Lab File: BE090730.D
Acq: 4 Sep 2015 15:23

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tot Ion:142 Resp: 24291
Ion Ratio Lower Upper
142 100
141 90.1 71.4 107.2
115 37.7 31.0 46.4

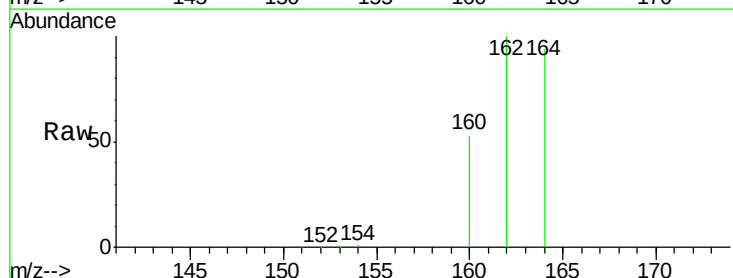


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

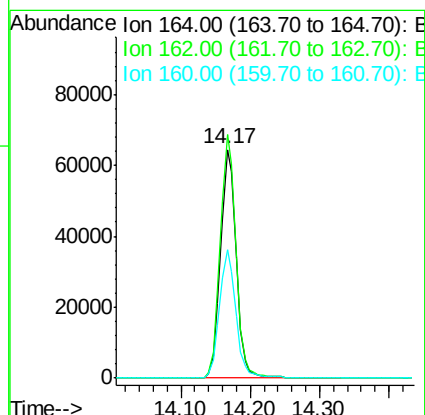
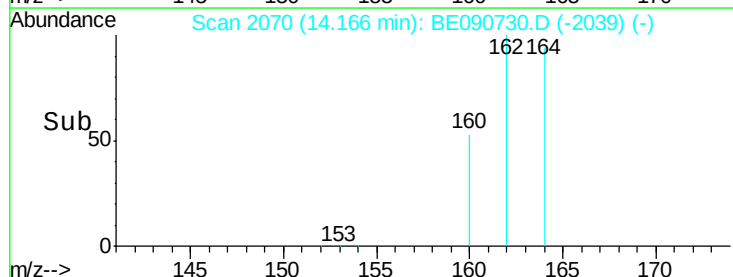


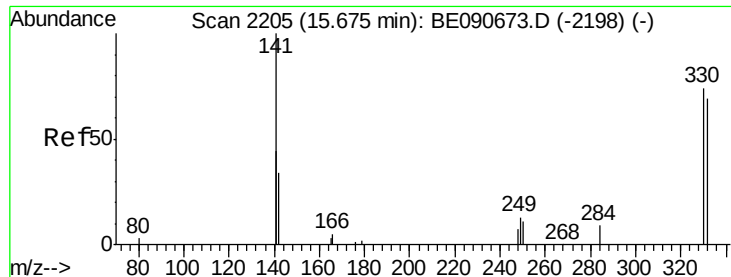
#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.17 min Scan# 2070
Delta R.T. -0.00 min
Lab File: BE090730.D
Acq: 4 Sep 2015 15:23

Tgt Ion:164 Resp: 99926
Ion Ratio Lower Upper
164 100
162 106.5 86.8 130.2
160 56.3 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

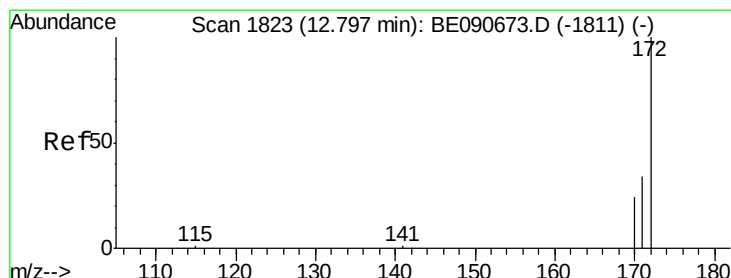
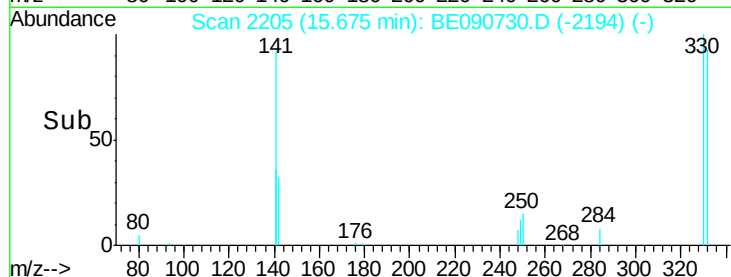
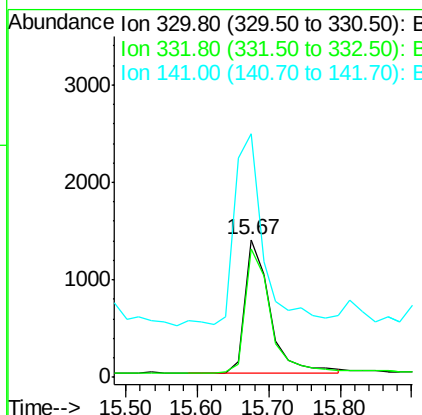
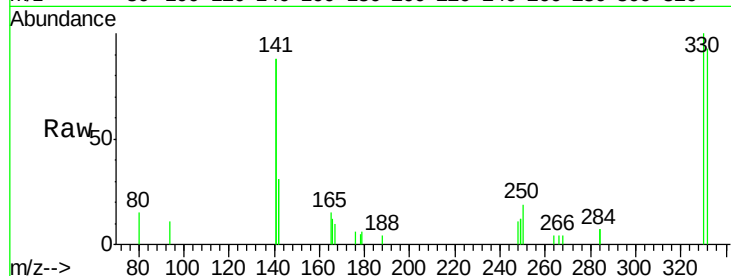




#13
 2,4,6-Tribromophenol
 Concen: 1.25 ng
 RT: 15.67 min Scan# 2205
 Delta R.T. -0.00 min
 Lab File: BE090730.D
 Acq: 4 Sep 2015 15:23

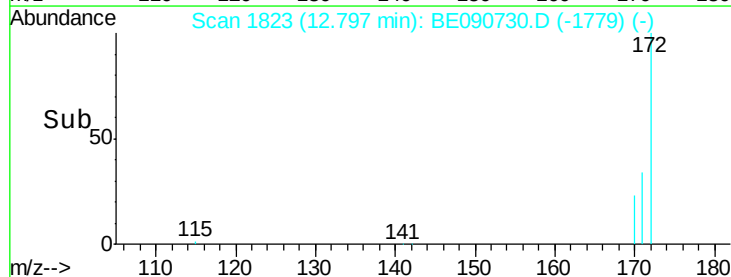
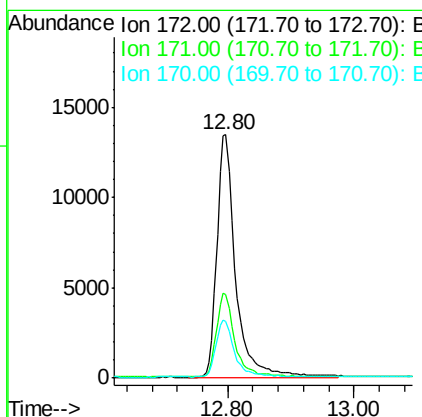
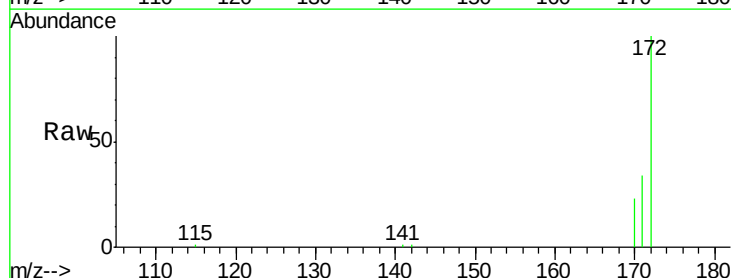
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001

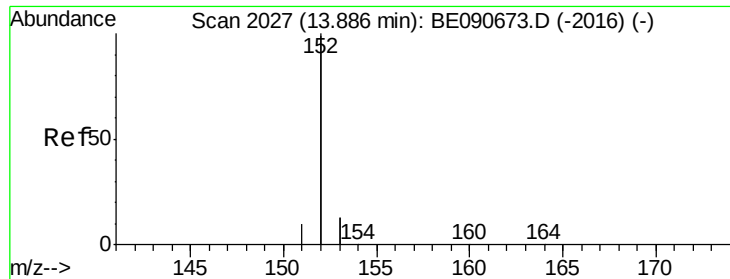
Tot Ion:330 Resp: 3287
 Ion Ratio Lower Upper
 330 100
 332 94.0 74.9 112.3
 141 166.1 145.2 217.8



#14
 2-Fluorobiphenyl
 Concen: 1.00 ng
 RT: 12.80 min Scan# 1823
 Delta R.T. -0.00 min
 Lab File: BE090730.D
 Acq: 4 Sep 2015 15:23

Tgt Ion:172 Resp: 27559
 Ion Ratio Lower Upper
 172 100
 171 34.5 27.8 41.8
 170 23.2 19.8 29.6





#15

Acenaphthylene

Concen: 1.06 ng

RT: 13.89 min Scan# 2027

Delta R.T. -0.00 min

Lab File: BE090730.D

Acq: 4 Sep 2015 15:23

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

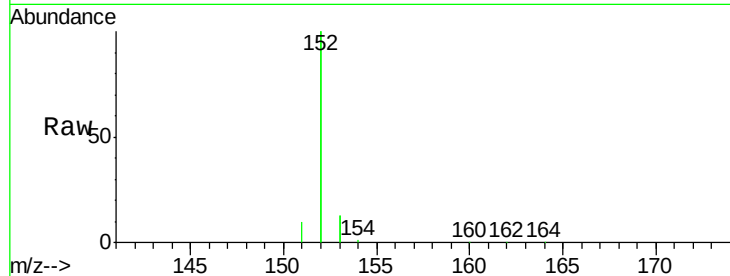
Tot Ion:152 Resp: 168828

Ion Ratio Lower Upper

152 100

151 4.9 3.9 5.9

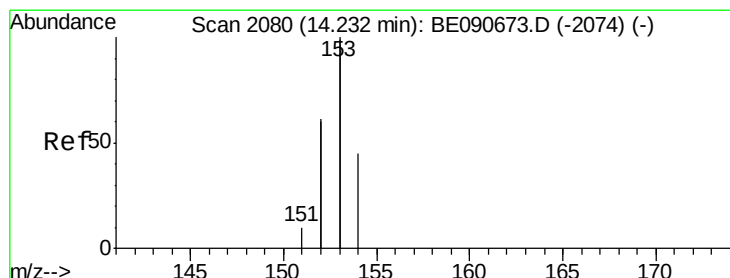
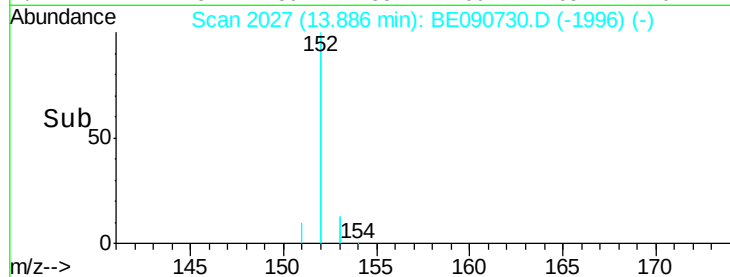
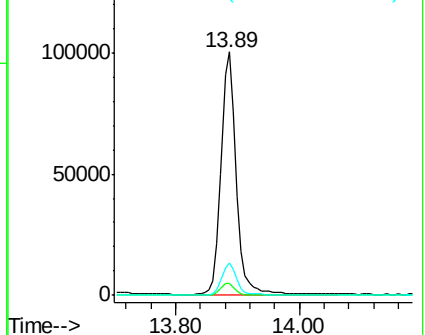
153 12.9 10.3 15.5



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: 1.01 ng

RT: 14.23 min Scan# 2080

Delta R.T. -0.00 min

Lab File: BE090730.D

Acq: 4 Sep 2015 15:23

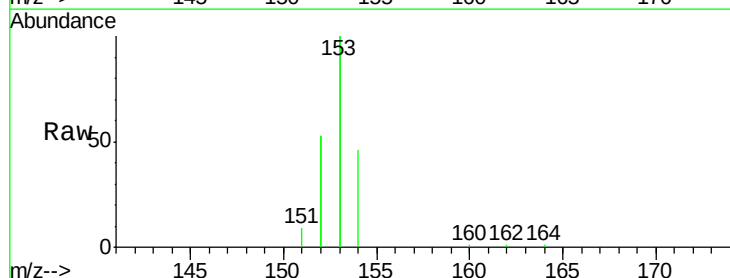
Tgt Ion:154 Resp: 27016

Ion Ratio Lower Upper

154 100

153 440.9 354.5 531.7

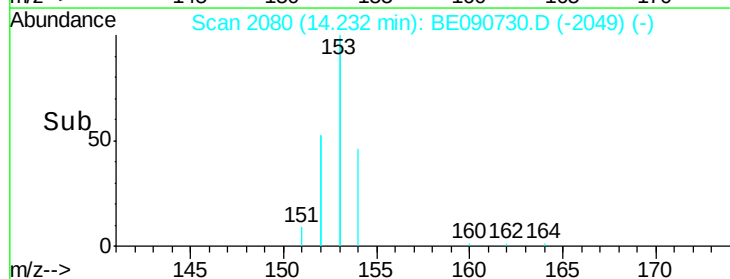
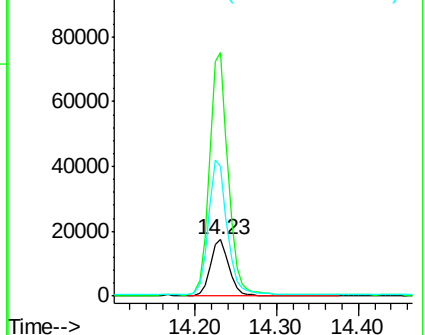
152 247.8 227.8 341.6

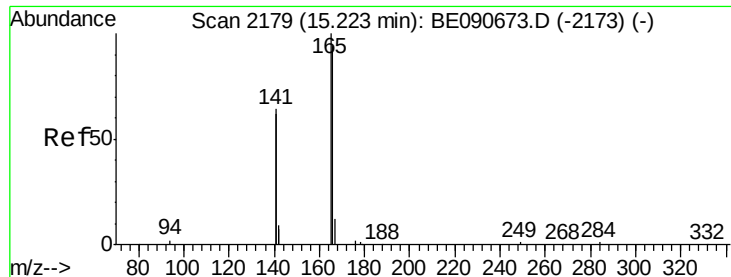


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

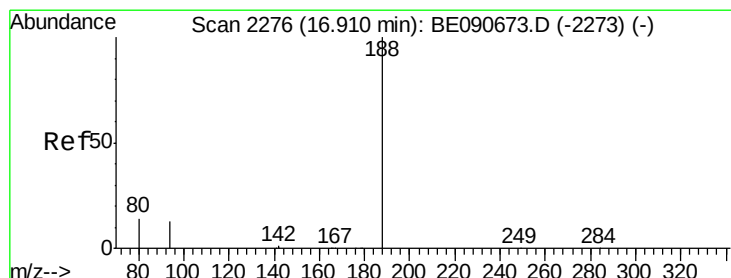
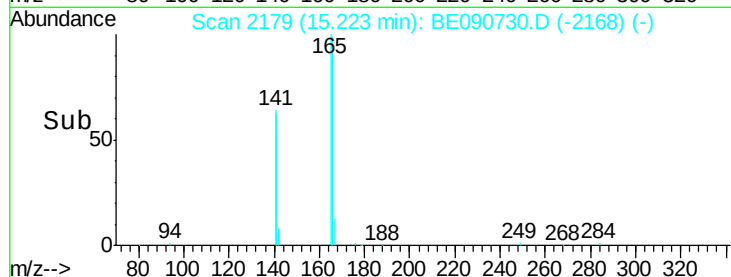
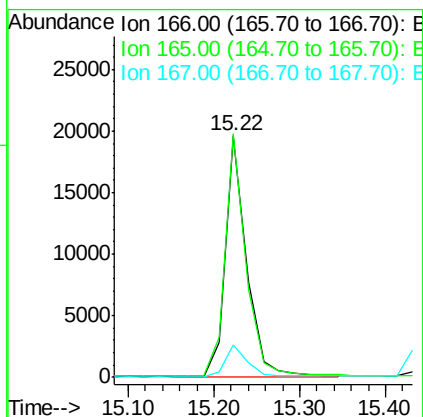
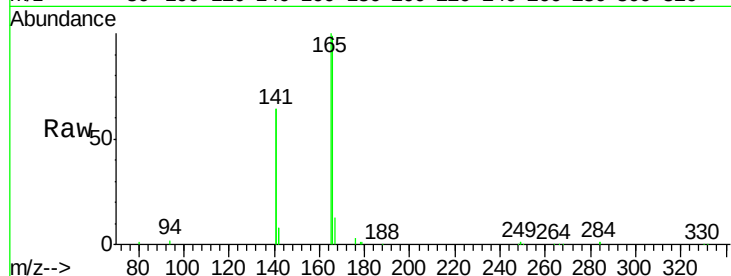




#17
Fluorene
 Concen: 1.01 ng
 RT: 15.22 min Scan# 2179
 Delta R.T. -0.00 min
 Lab File: BE090730.D
 Acq: 4 Sep 2015 15:23

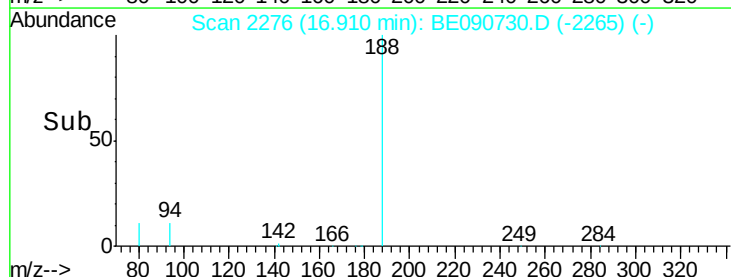
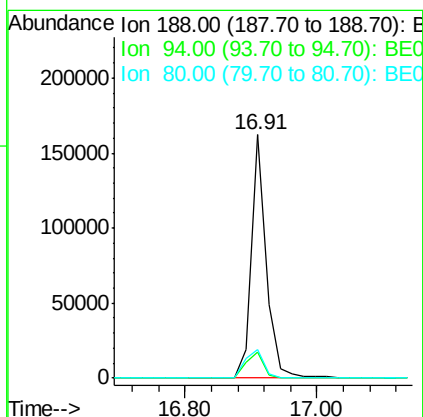
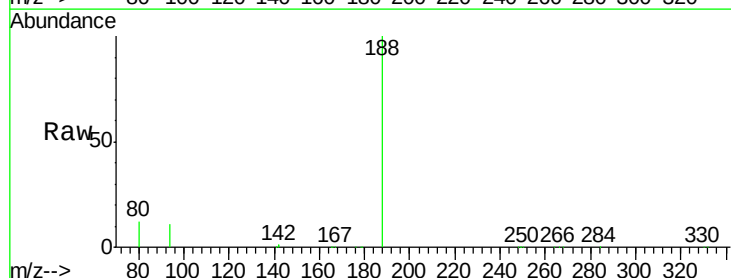
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001

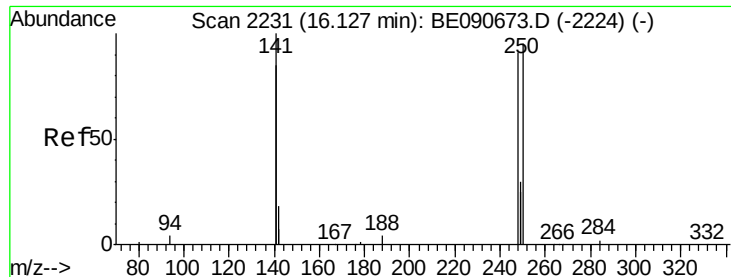
Tot Ion:166 Resp: 33574
 Ion Ratio Lower Upper
 166 100
 165 99.8 82.7 124.1
 167 13.4 10.7 16.1



#18
Phenanthrene-d10
 Concen: 5.00 ng
 RT: 16.91 min Scan# 2276
 Delta R.T. -0.00 min
 Lab File: BE090730.D
 Acq: 4 Sep 2015 15:23

Tgt Ion:188 Resp: 252671
 Ion Ratio Lower Upper
 188 100
 94 10.8 10.3 15.5
 80 11.5 11.0 16.6

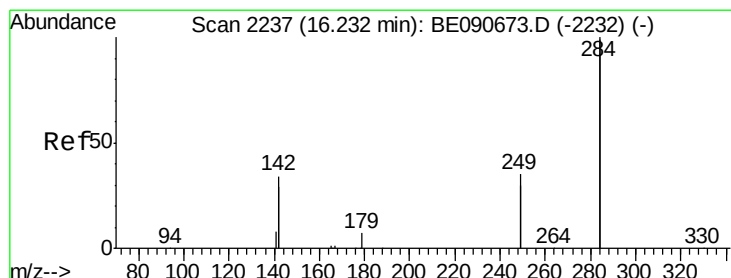
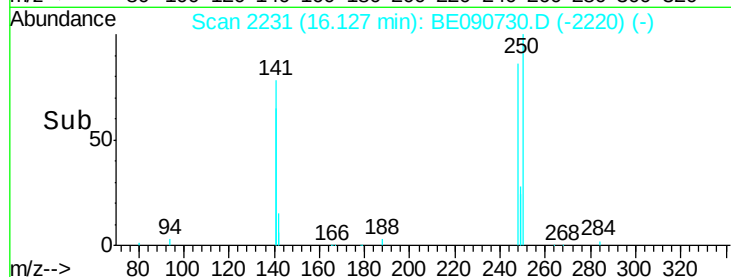
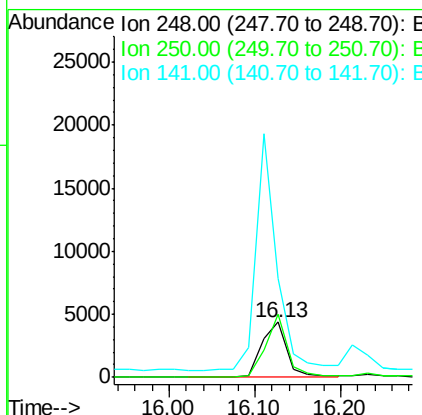
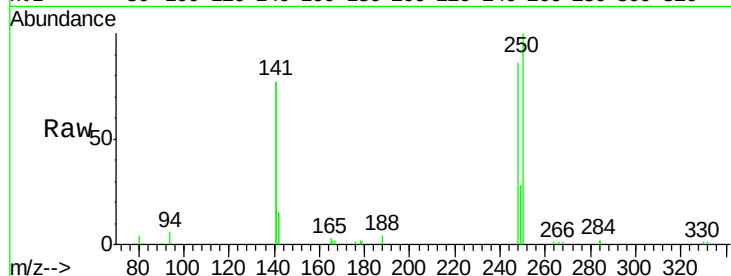




#19
4-Bromophenyl-phenylether
Concen: 1.01 ng
RT: 16.13 min Scan# 2231
Delta R.T. -0.00 min
Lab File: BE090730.D
Acq: 4 Sep 2015 15:23

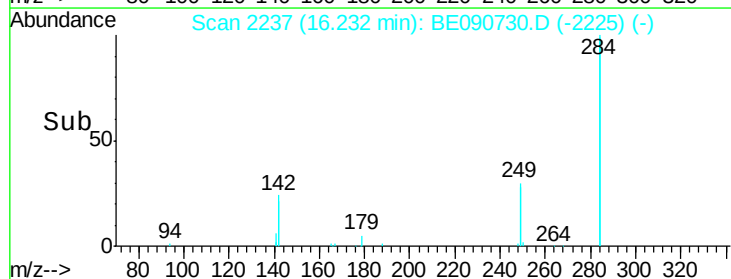
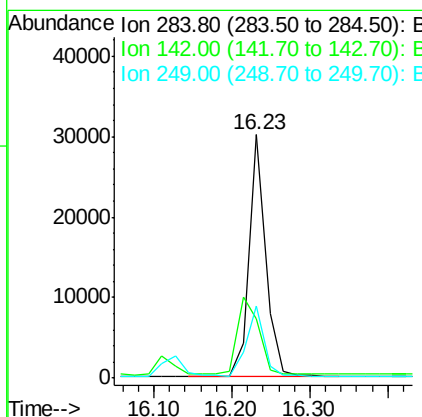
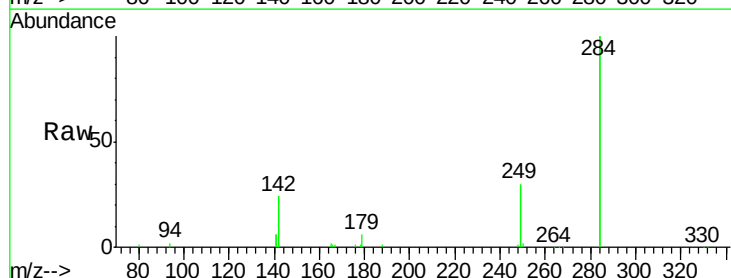
Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

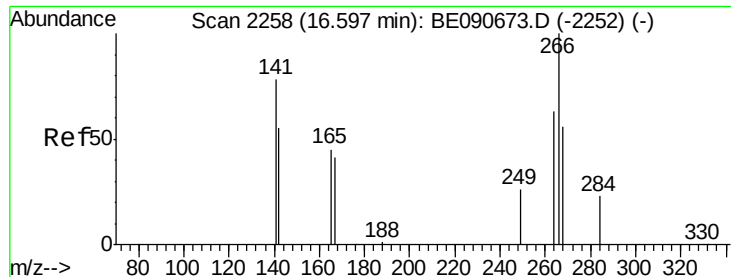
Tot Ion:248 Resp: 8731
Ion Ratio Lower Upper
248 100
250 99.2 76.7 115.1
141 364.5 292.6 439.0



#20
Hexachlorobenzene
Concen: 0.99 ng
RT: 16.23 min Scan# 2237
Delta R.T. 0.00 min
Lab File: BE090730.D
Acq: 4 Sep 2015 15:23

Tgt Ion:284 Resp: 44980
Ion Ratio Lower Upper
284 100
142 41.5 35.0 52.4
249 30.8 25.5 38.3

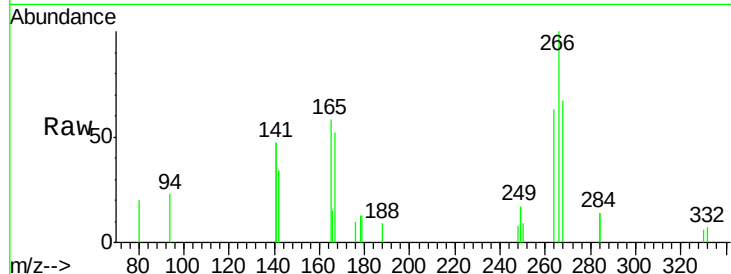




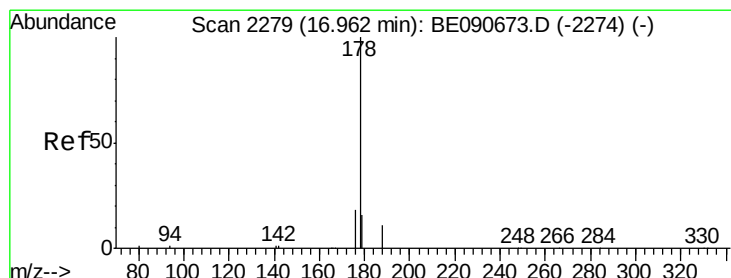
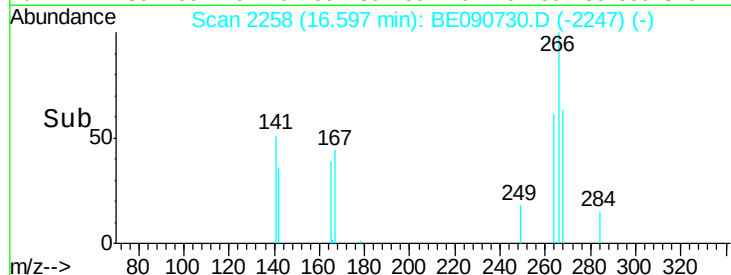
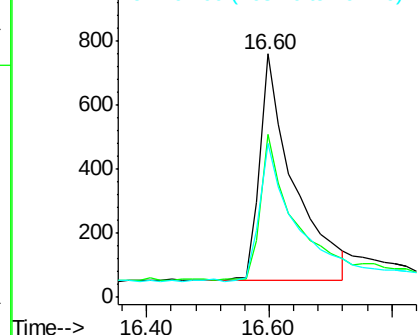
#21
 Pentachlorophenol
 Concen: 1.19 ng
 RT: 16.60 min Scan# 2258
 Delta R.T. -0.00 min
 Lab File: BE090730.D
 Acq: 4 Sep 2015 15:23

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001

Tot Ion:266 Resp: 2731
 Ion Ratio Lower Upper
 266 100
 268 66.7 49.6 74.4
 264 63.4 53.9 80.9

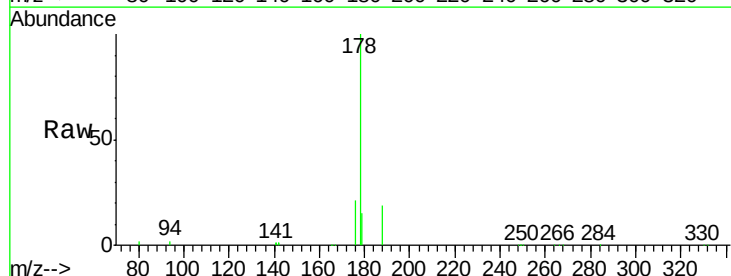


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

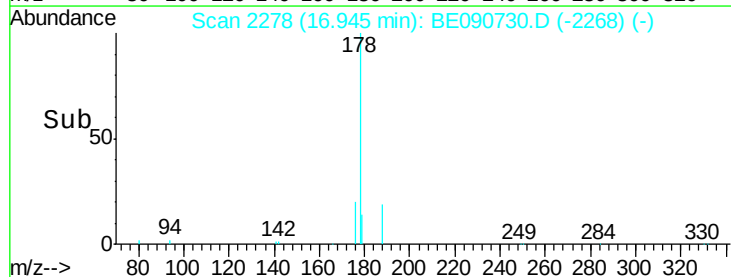
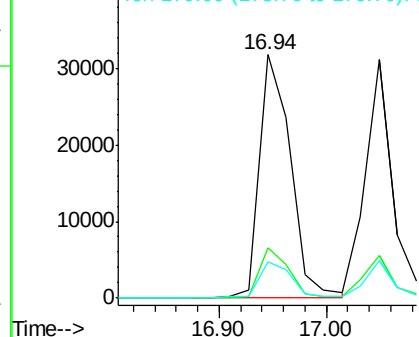


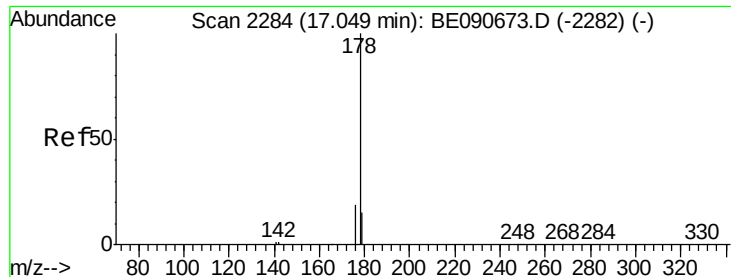
#22
 Phenanthrene
 Concen: 1.02 ng
 RT: 16.94 min Scan# 2278
 Delta R.T. -0.02 min
 Lab File: BE090730.D
 Acq: 4 Sep 2015 15:23

Tgt Ion:178 Resp: 63601
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.6 23.4
 179 15.3 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





#23

Anthracene

Concen: 1.06 ng

RT: 17.05 min Scan# 2284

Delta R.T. -0.00 min

Lab File: BE090730.D

Acq: 4 Sep 2015 15:23

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

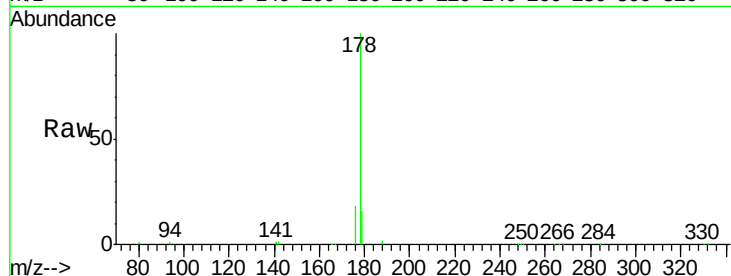
Tot Ion:178 Resp: 55217

Ion Ratio Lower Upper

178 100

176 18.5 15.0 22.6

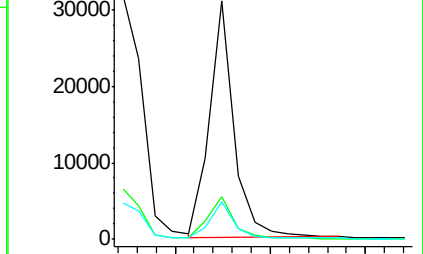
179 15.0 12.3 18.5



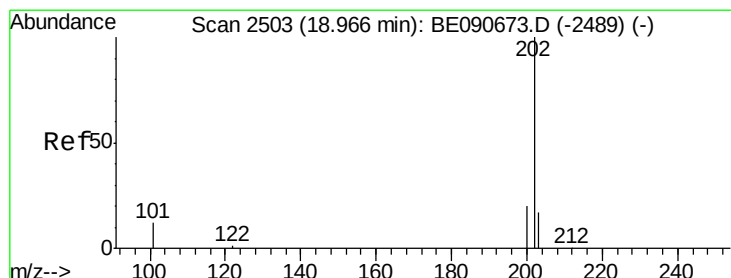
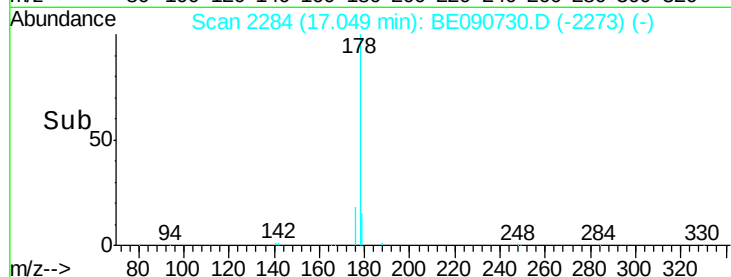
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#24

Fluoranthene

Concen: 1.06 ng

RT: 18.96 min Scan# 2502

Delta R.T. -0.01 min

Lab File: BE090730.D

Acq: 4 Sep 2015 15:23

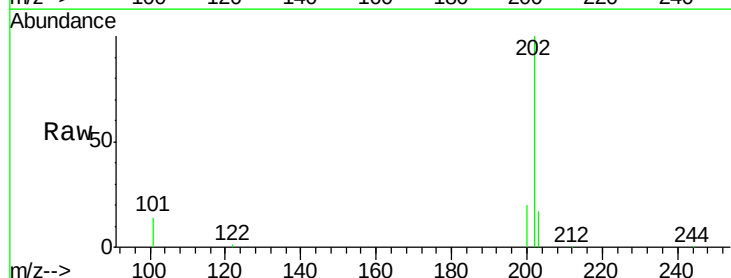
Tgt Ion:202 Resp: 69839

Ion Ratio Lower Upper

202 100

101 14.1 11.0 16.6

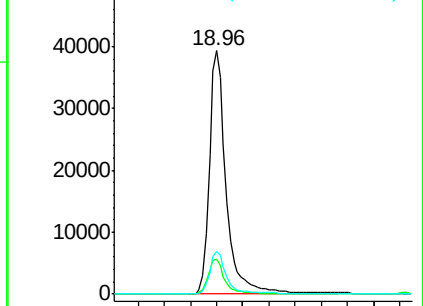
203 17.1 13.9 20.9



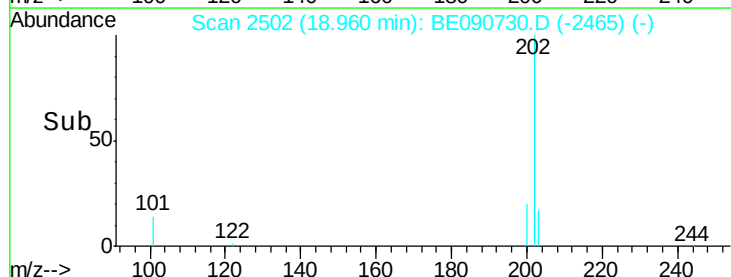
Abundance Ion 202.00 (201.70 to 202.70): E

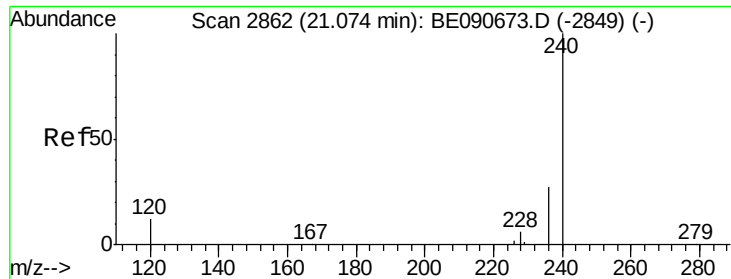
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->





#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.07 min Scan# 2862

Delta R.T. -0.00 min

Lab File: BE090730.D

Acq: 4 Sep 2015 15:23

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

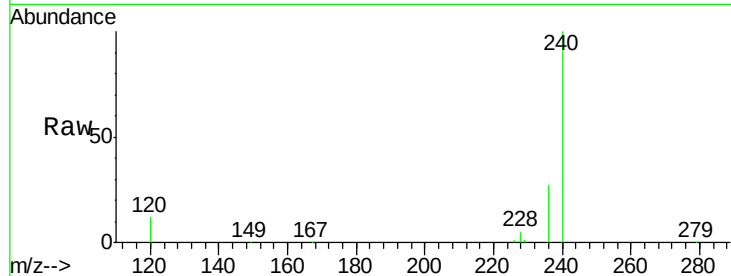
Tot Ion:240 Resp: 312168

Ion Ratio Lower Upper

240 100

120 12.1 10.1 15.1

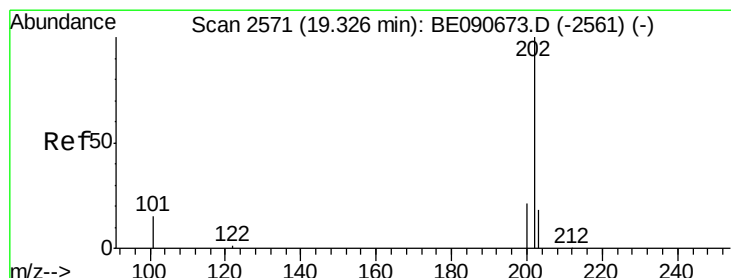
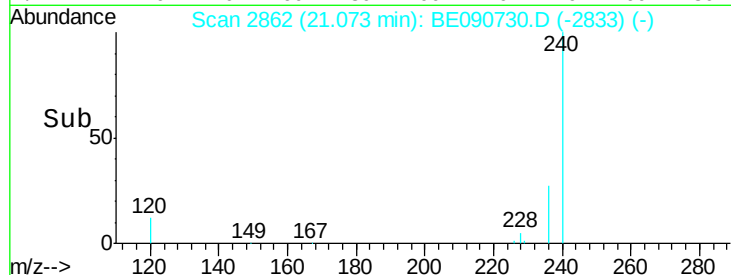
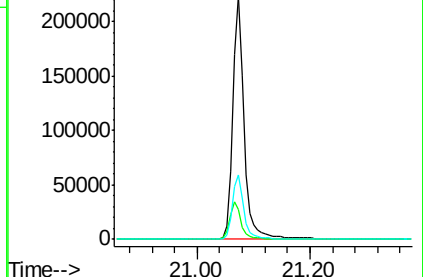
236 26.6 21.9 32.9



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



#26

Pyrene

Concen: 1.15 ng

RT: 19.32 min Scan# 2570

Delta R.T. -0.01 min

Lab File: BE090730.D

Acq: 4 Sep 2015 15:23

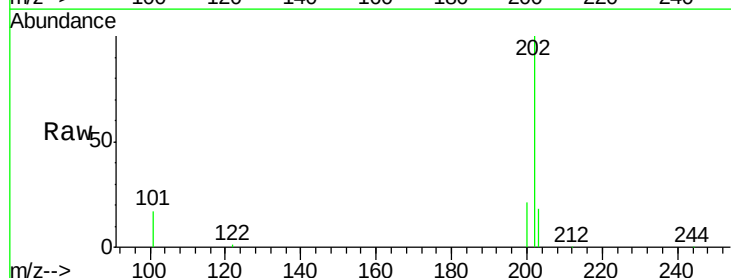
Tgt Ion:202 Resp: 74110

Ion Ratio Lower Upper

202 100

200 21.1 16.7 25.1

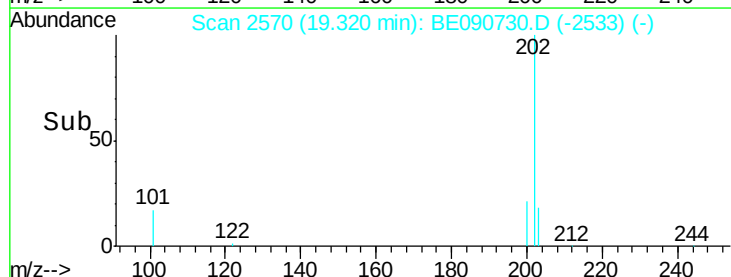
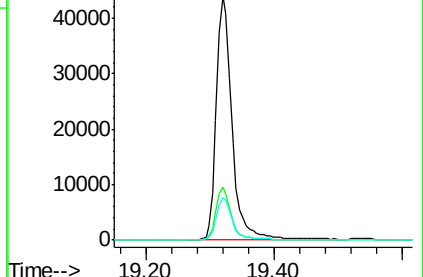
203 17.3 13.8 20.6

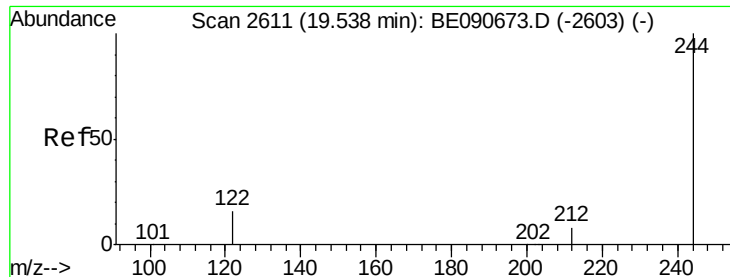


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

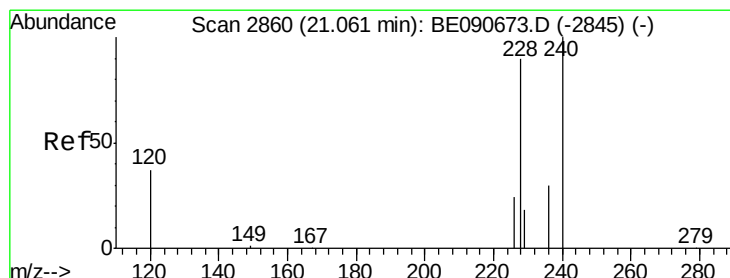
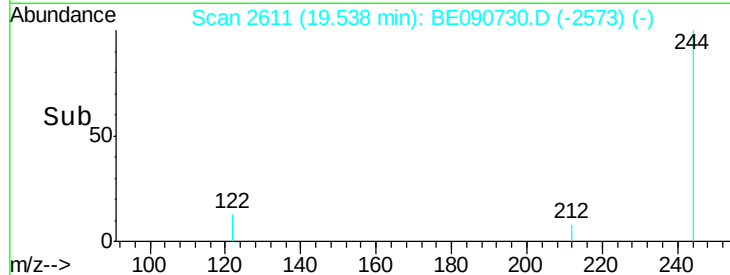
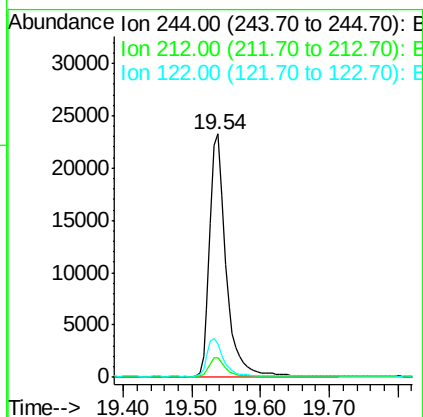
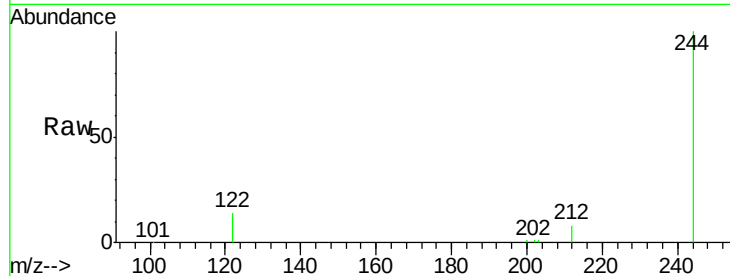




#27
 Terphenyl-d14
 Concen: 1.11 ng
 RT: 19.54 min Scan# 2611
 Delta R.T. -0.00 min
 Lab File: BE090730.D
 Acq: 4 Sep 2015 15:23

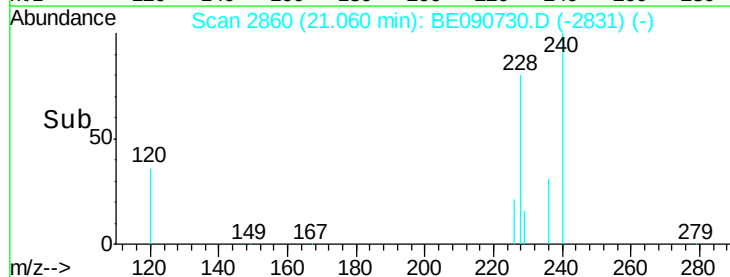
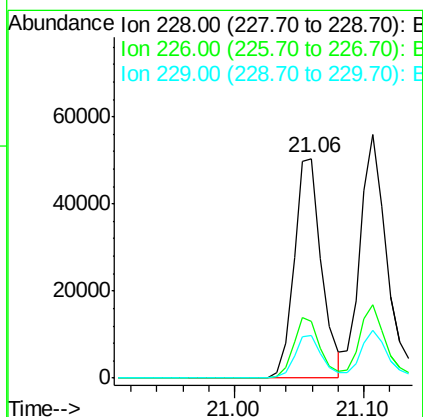
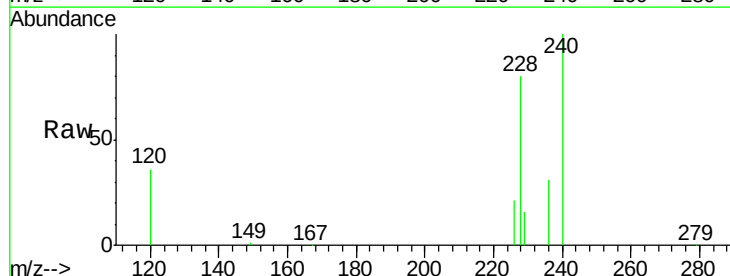
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001

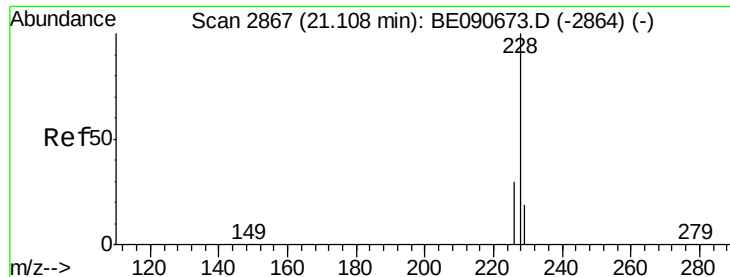
Tot Ion:244 Resp: 38376
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.9 10.3
 122 13.7 12.9 19.3



#28
 Benzo(a)anthracene
 Concen: 1.07 ng
 RT: 21.06 min Scan# 2860
 Delta R.T. -0.00 min
 Lab File: BE090730.D
 Acq: 4 Sep 2015 15:23

Tgt Ion:228 Resp: 74275
 Ion Ratio Lower Upper
 228 100
 226 26.1 21.6 32.4
 229 19.7 15.9 23.9





#29

Chrysene

Concen: 1.11 ng

RT: 21.11 min Scan# 2867

Delta R.T. 0.00 min

Lab File: BE090730.D

Acq: 4 Sep 2015 15:23

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

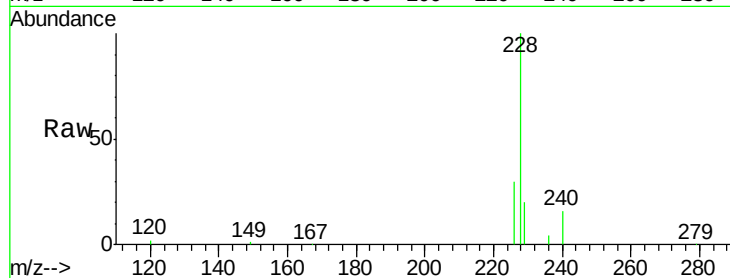
Tot Ion:228 Resp: 83946

Ion Ratio Lower Upper

228 100

226 30.2 24.2 36.4

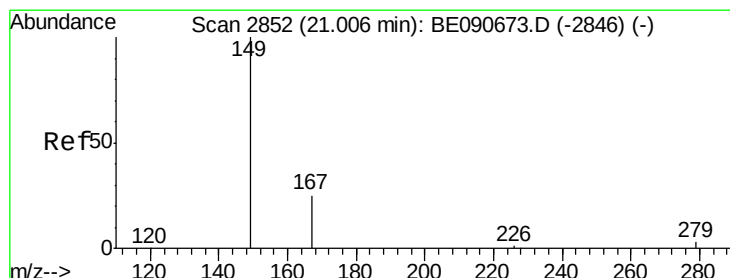
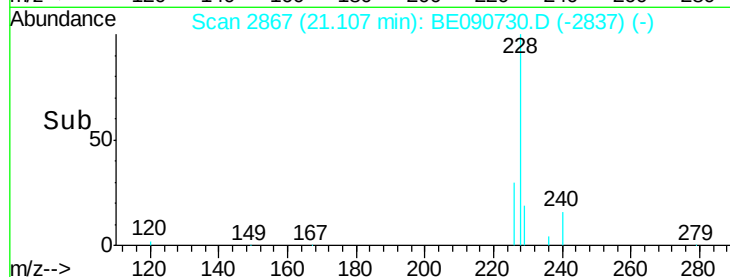
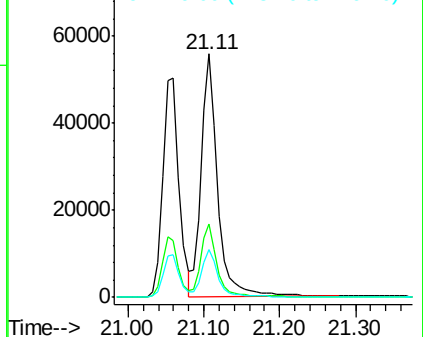
229 19.5 15.3 22.9



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: 1.29 ng

RT: 21.00 min Scan# 2851

Delta R.T. -0.01 min

Lab File: BE090730.D

Acq: 4 Sep 2015 15:23

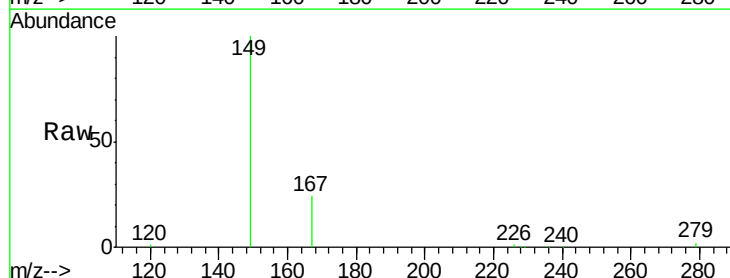
Tgt Ion:149 Resp: 23653

Ion Ratio Lower Upper

149 100

167 25.4 20.1 30.1

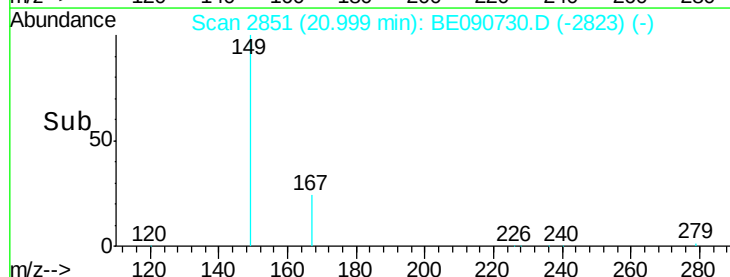
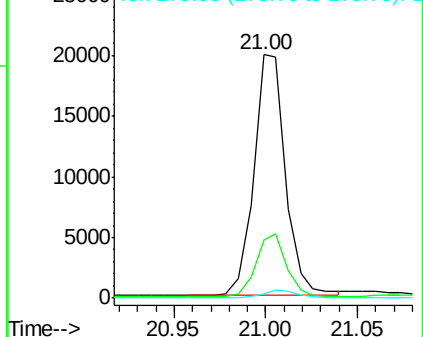
279 2.9 2.3 3.5

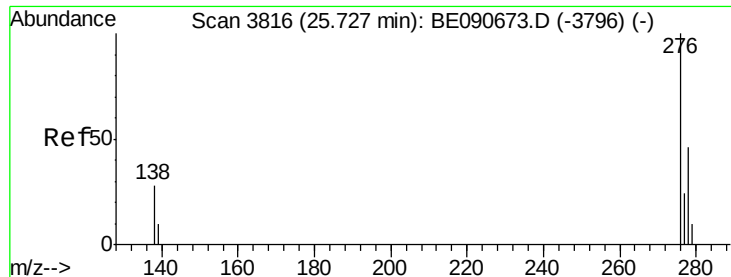


Abundance Ion 149.00 (148.70 to 149.70): E

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: 1.14 ng

RT: 25.72 min Scan# 3815

Delta R.T. -0.00 min

Lab File: BE090730.D

Acq: 4 Sep 2015 15:23

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

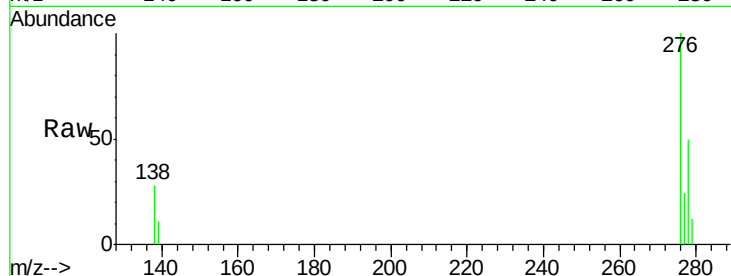
Tot Ion:276 Resp: 84222

Ion Ratio Lower Upper

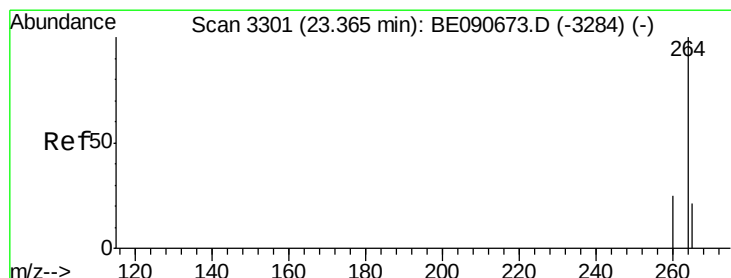
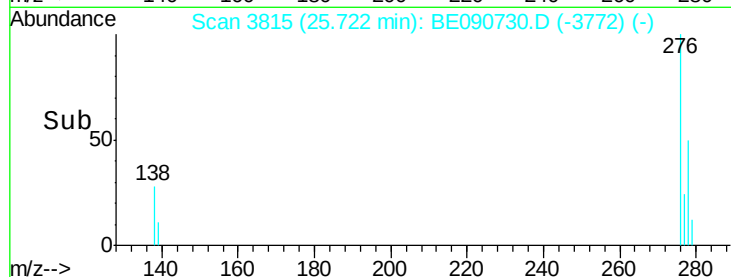
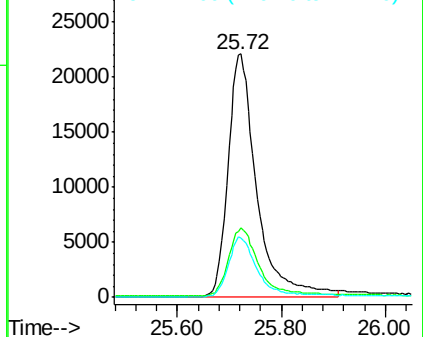
276 100

138 30.0 23.3 34.9

277 24.6 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# 3300

Delta R.T. -0.01 min

Lab File: BE090730.D

Acq: 4 Sep 2015 15:23

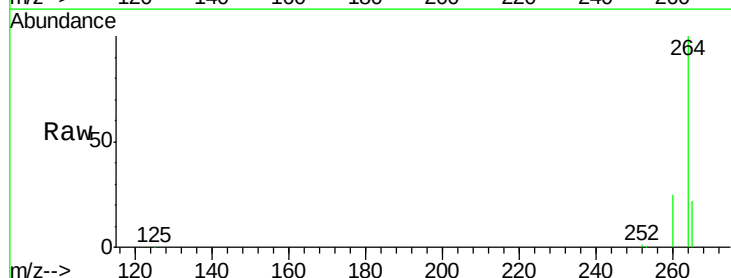
Tgt Ion:264 Resp: 290208

Ion Ratio Lower Upper

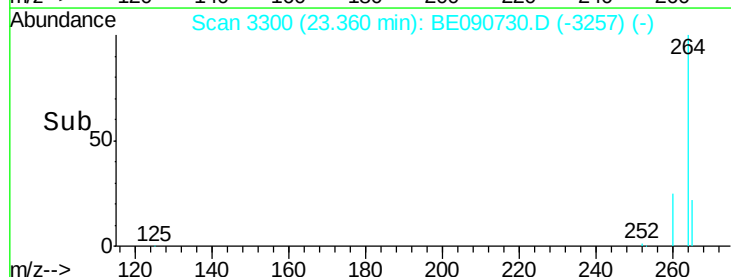
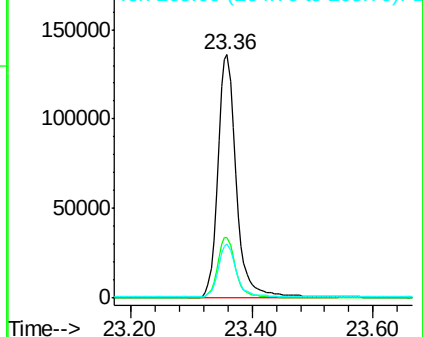
264 100

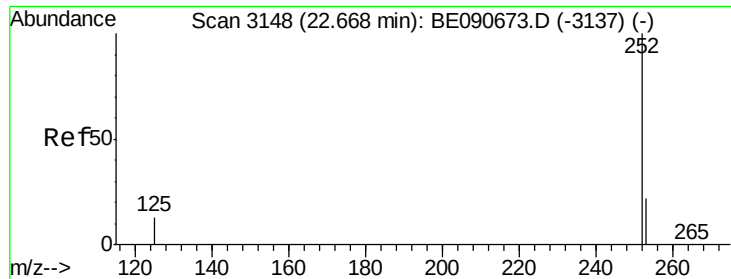
260 24.8 19.7 29.5

265 22.3 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: 1.05 ng

RT: 22.66 min Scan# 3147

Delta R.T. -0.01 min

Lab File: BE090730.D

Acq: 4 Sep 2015 15:23

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

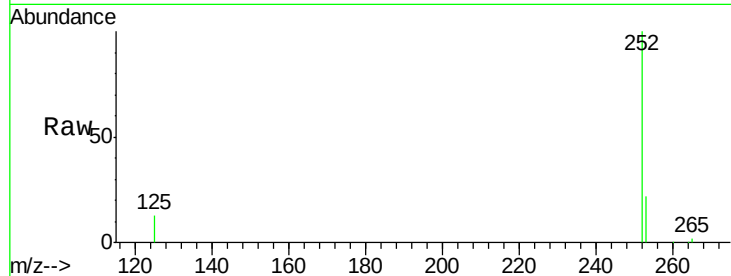
Tot Ion:252 Resp: 66116

Ion Ratio Lower Upper

252 100

253 22.4 17.9 26.9

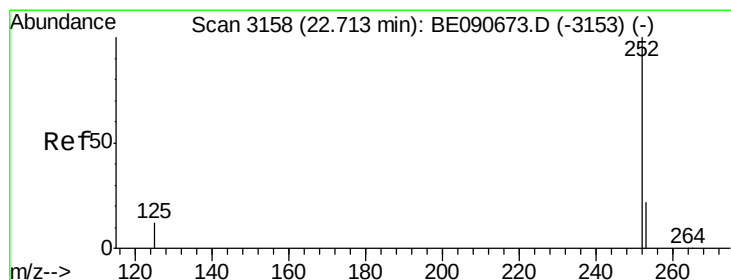
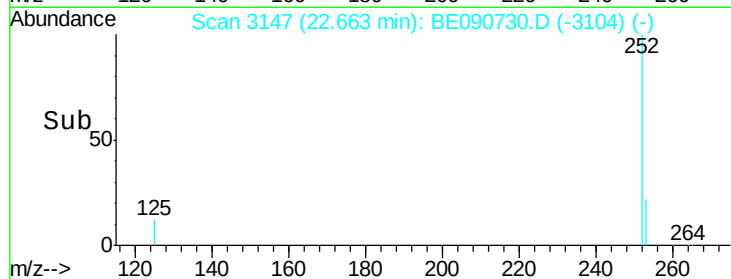
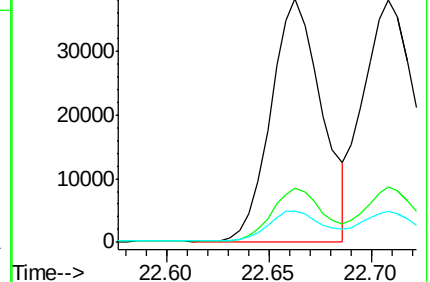
125 12.9 10.6 16.0



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: 1.07 ng

RT: 22.71 min Scan# 3157

Delta R.T. -0.01 min

Lab File: BE090730.D

Acq: 4 Sep 2015 15:23

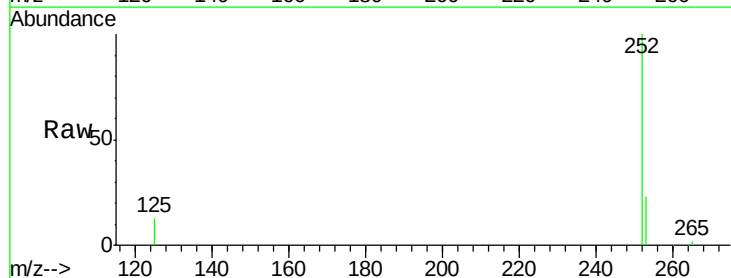
Tgt Ion:252 Resp: 78769

Ion Ratio Lower Upper

252 100

253 22.6 17.9 26.9

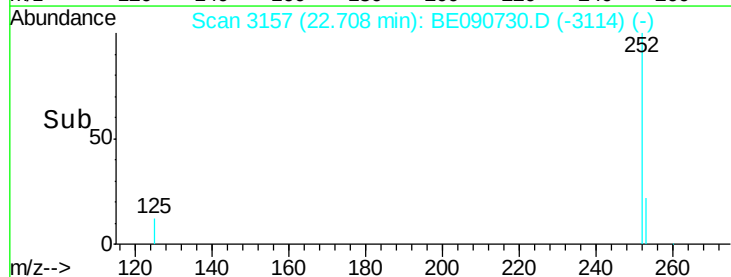
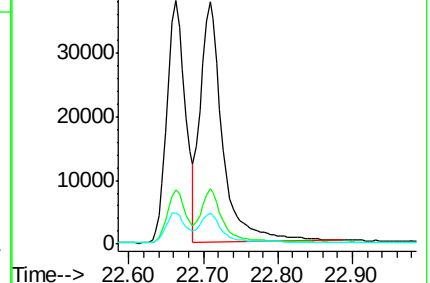
125 13.1 10.1 15.1

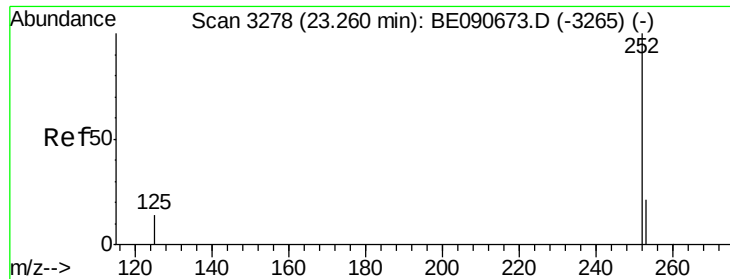


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#35

Benzo(a)pyrene

Concen: 1.11 ng

RT: 23.25 min Scan# 3277

Delta R.T. -0.01 min

Lab File: BE090730.D

Acq: 4 Sep 2015 15:23

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

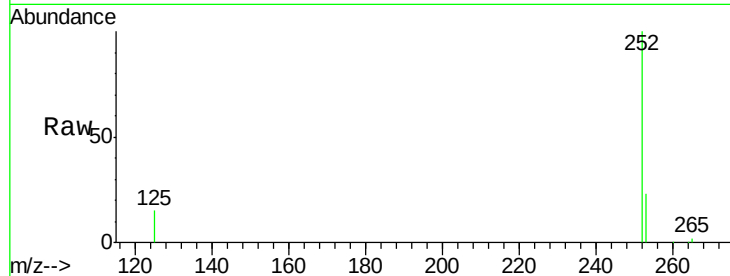
Tot Ion:252 Resp: 62206

Ion Ratio Lower Upper

252 100

253 22.6 17.5 26.3

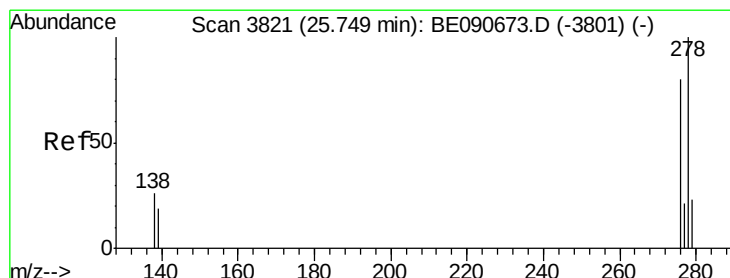
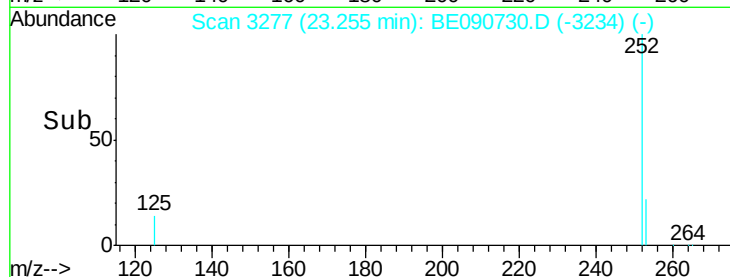
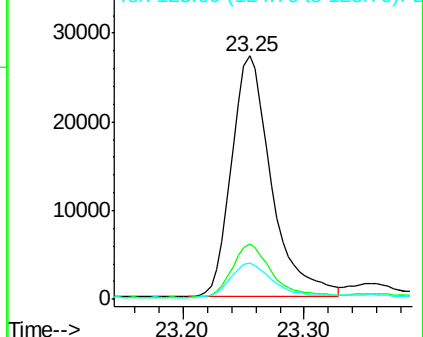
125 14.9 11.6 17.4



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: 1.07 ng

RT: 25.74 min Scan# 3819

Delta R.T. -0.01 min

Lab File: BE090730.D

Acq: 4 Sep 2015 15:23

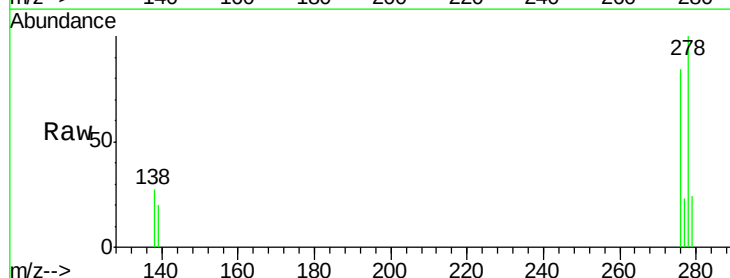
Tgt Ion:278 Resp: 65874

Ion Ratio Lower Upper

278 100

139 20.2 15.4 23.0

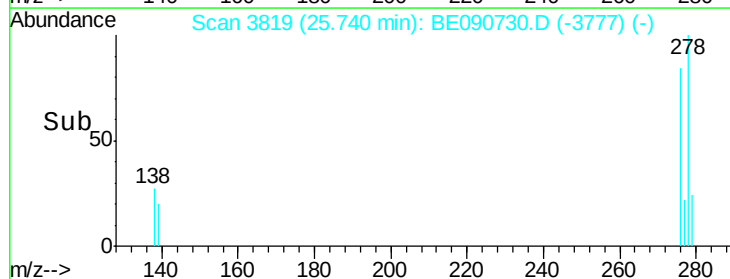
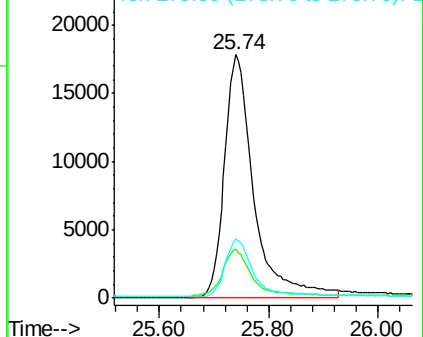
279 24.2 18.8 28.2

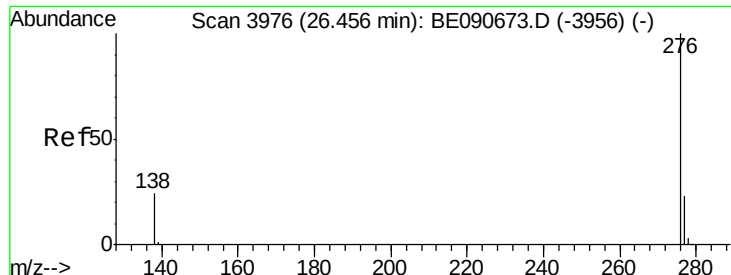


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#37

Benzo(a,h,i)perylene

Concen: 1.06 ng

RT: 26.45 min Scan# 3974

Delta R.T. -0.01 min

Lab File: BE090730.D

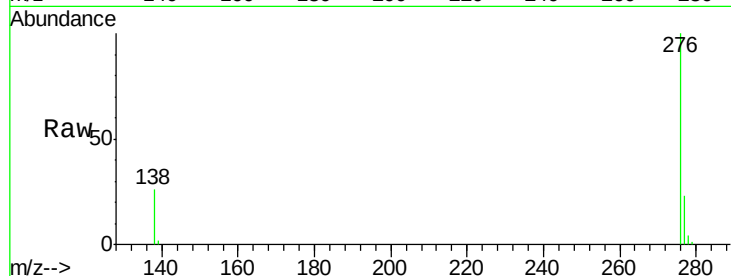
Acq: 4 Sep 2015 15:23

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001



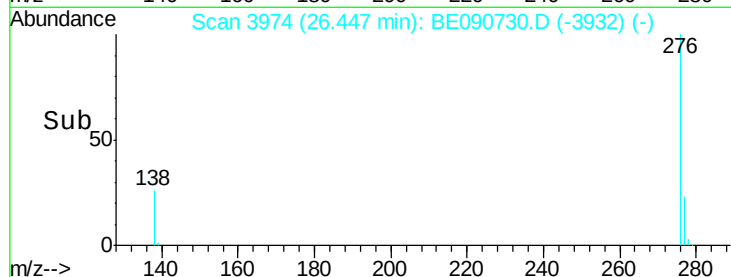
Tot Ion: 276 Resp: 68716

Ion Ratio Lower Upper

276 100

277 23.1 18.5 27.7

138 26.5 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

