

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE090415\
 Data File : BE090745.D
 Acq On : 5 Sep 2015 00:29
 Operator : UM/IZ
 Sample : SSTDCCC001
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001EC

Quant Time: Sep 07 01:03:25 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	37542	5.00	ng	0.00
6) Naphthalene-d8	10.31	136	174047	5.00	ng	0.00
12) Acenaphthene-d10	14.17	164	97055	5.00	ng	0.00
18) Phenanthrene-d10	16.91	188	236805	5.00	ng	0.00
25) Chrysene-d12	21.07	240	300578	5.00	ng	0.00
32) Perylene-d12	23.36	264	280833	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.19	112	7954	1.10	ng	0.00
5) Phenol-d6	6.76	99	11157	1.07	ng	0.00
7) Nitrobenzene-d5	8.70	82	11272	0.98	ng	0.00
13) 2,4,6-Tribromophenol	15.67	330	2865	1.14	ng	0.00
14) 2-Fluorobiphenyl	12.80	172	26261	0.98	ng	0.00
27) Terphenyl-d14	19.53	244	35799	1.08	ng	0.00

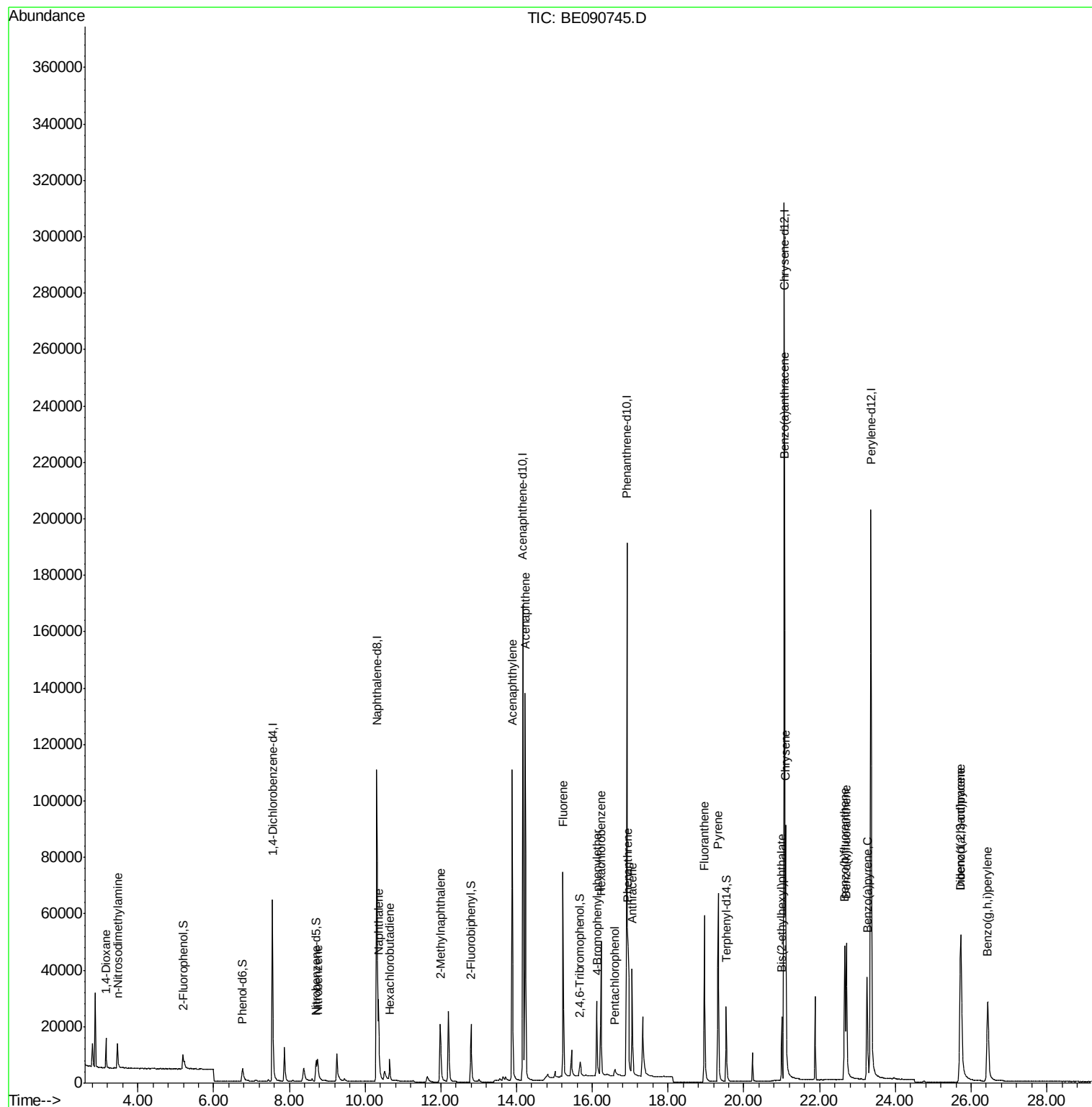
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.16	88	5764	1.04	ng	97
3) n-Nitrosodimethylamine	3.45	42	6671	0.94	ng	# 89
8) Nitrobenzene	8.75	77	12033	0.94	ng	98
9) Naphthalene	10.35	128	38167	1.01	ng	100
10) Hexachlorobutadiene	10.65	225	5813	0.98	ng	99
11) 2-Methylnaphthalene	11.99	142	23155	1.13	ng	99
15) Acenaphthylene	13.89	152	163281	1.05	ng	100
16) Acenaphthene	14.23	154	26533	1.02	ng	92
17) Fluorene	15.22	166	33576	1.04	ng	97
19) 4-Bromophenyl-phenylether	16.13	248	8388	1.04	ng	97
20) Hexachlorobenzene	16.23	284	43151	1.02	ng	99
21) Pentachlorophenol	16.60	266	2487	1.17	ng	93
22) Phenanthrene	16.94	178	60260	1.03	ng	99
23) Anthracene	17.05	178	51235	1.05	ng	100
24) Fluoranthene	18.96	202	65261	1.06	ng	99
26) Pyrene	19.32	202	69603	1.12	ng	100
28) Benzo(a)anthracene	21.05	228	71026	1.07	ng	99
29) Chrysene	21.11	228	80257	1.10	ng	99
30) Bis(2-ethylhexyl)phthalate	21.00	149	20162	1.15	ng	100
31) Indeno(1,2,3-cd)pyrene	25.72	276	80403	1.13	ng	99
33) Benzo(b)fluoranthene	22.66	252	64512	1.06	ng	100
34) Benzo(k)fluoranthene	22.70	252	73573	1.04	ng	99
35) Benzo(a)pyrene	23.25	252	59343	1.09	ng	99
36) Dibenzo(a,h)anthracene	25.74	278	62349	1.05	ng	98
37) Benzo(g,h,i)perylene	26.44	276	65660	1.05	ng	97

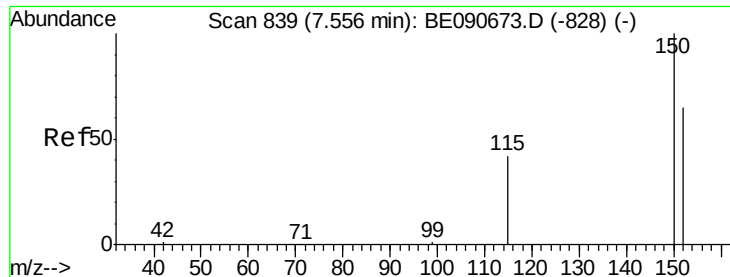
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.55 min Scan# 838

Delta R.T. -0.01 min

Lab File: BE090745.D

Acq: 5 Sep 2015 00:29

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

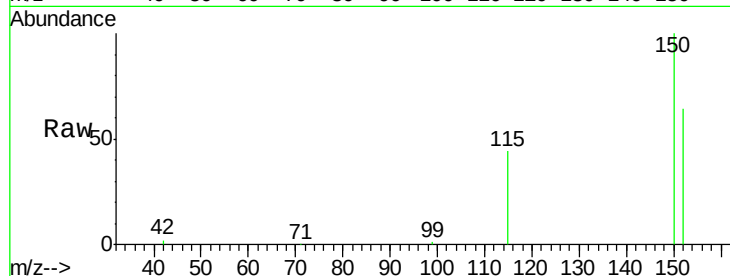
Tgt Ion:152 Resp: 37542

Ion Ratio Lower Upper

152 100

150 156.4 122.2 183.4

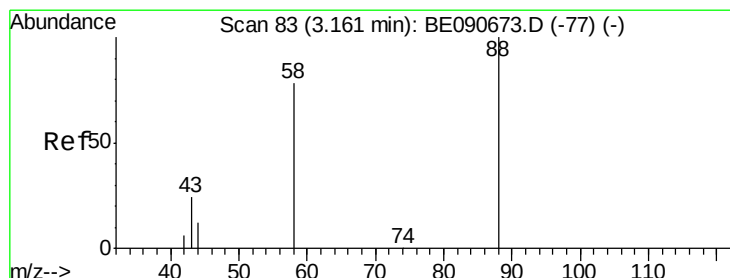
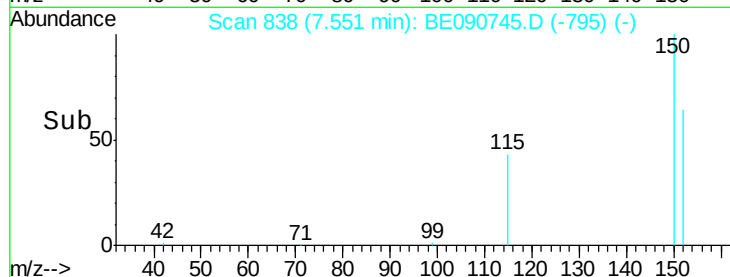
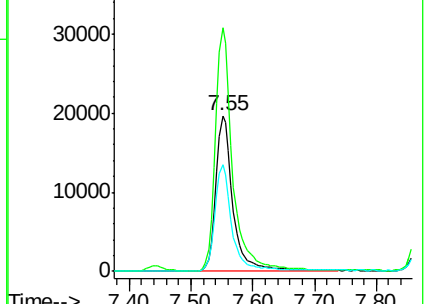
115 68.3 51.0 76.4



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: 1.04 ng

RT: 3.16 min Scan# 82

Delta R.T. -0.01 min

Lab File: BE090745.D

Acq: 5 Sep 2015 00:29

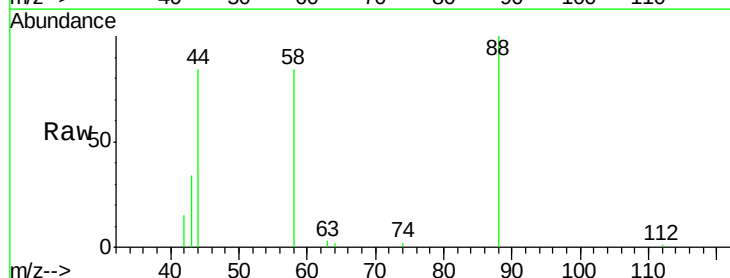
Tgt Ion: 88 Resp: 5764

Ion Ratio Lower Upper

88 100

58 83.7 68.4 102.6

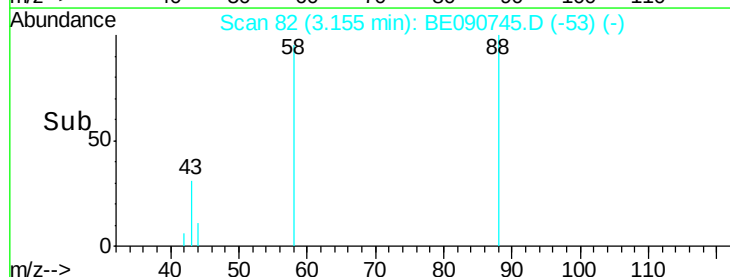
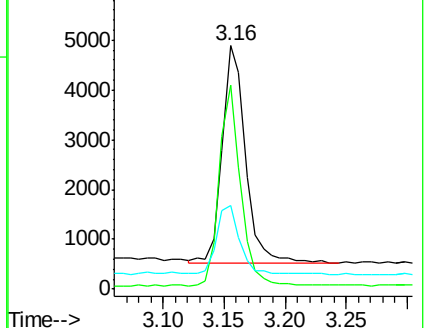
43 31.2 26.9 40.3

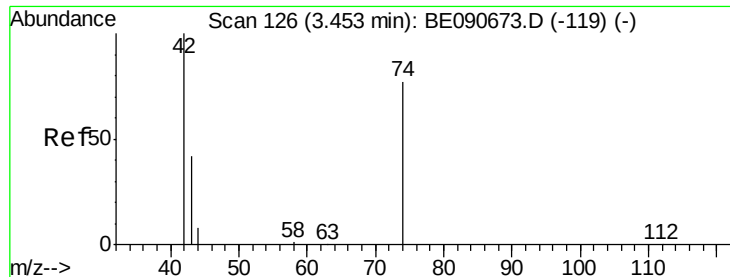


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.94 ng

RT: 3.45 min Scan# 126

Delta R.T. 0.00 min

Lab File: BE090745.D

Acq: 5 Sep 2015 00:29

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

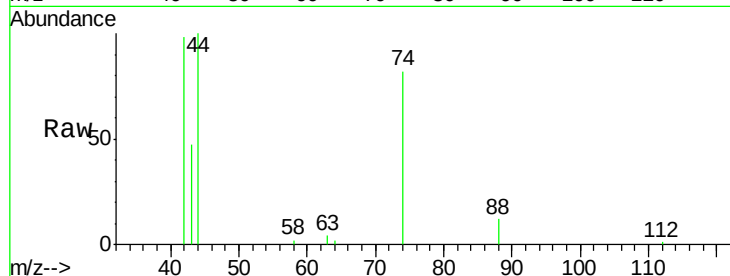
Tgt Ion: 42 Resp: 6671

Ion Ratio Lower Upper

42 100

74 115.6 83.7 125.5

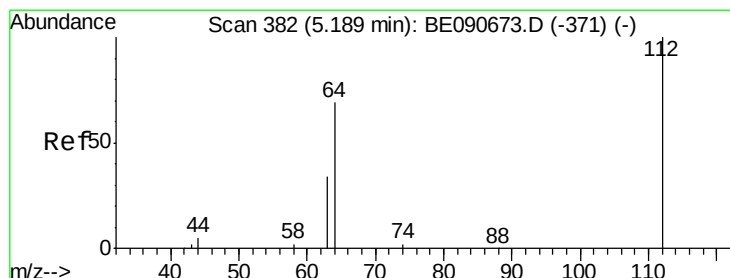
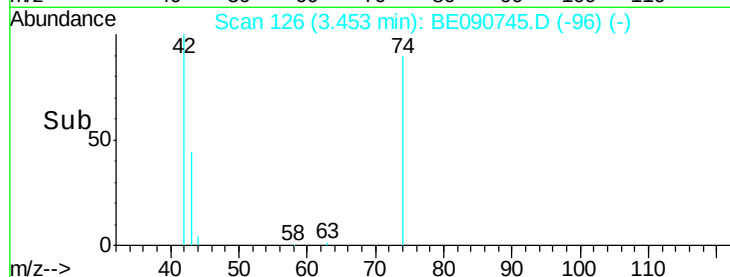
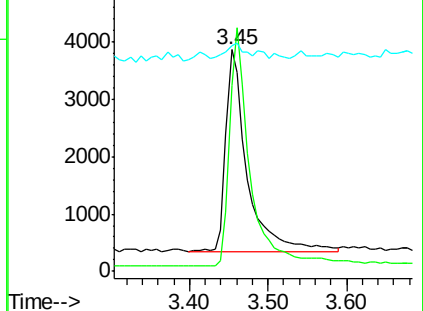
44 5.8 10.0 15.0#



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: 1.10 ng

RT: 5.19 min Scan# 382

Delta R.T. 0.00 min

Lab File: BE090745.D

Acq: 5 Sep 2015 00:29

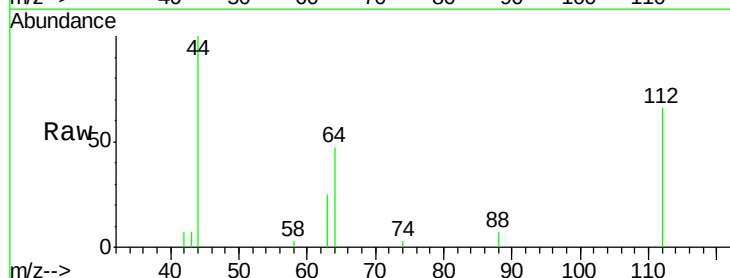
Tgt Ion: 112 Resp: 7954

Ion Ratio Lower Upper

112 100

64 73.1 57.3 85.9

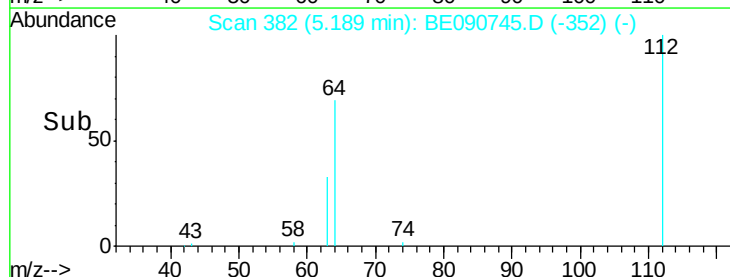
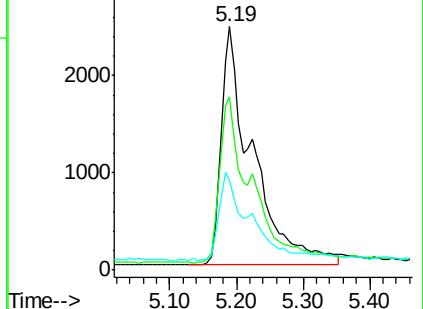
63 37.5 29.2 43.8

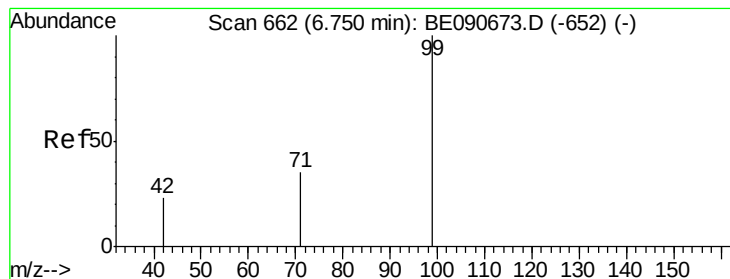


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 1.07 ng

RT: 6.76 min Scan# 664

Delta R.T. 0.01 min

Lab File: BE090745.D

Acq: 5 Sep 2015 00:29

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

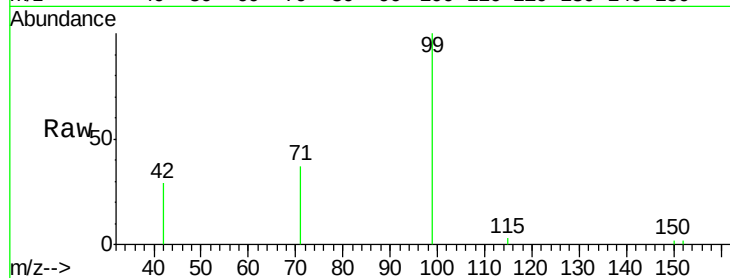
Tgt Ion: 99 Resp: 11157

Ion Ratio Lower Upper

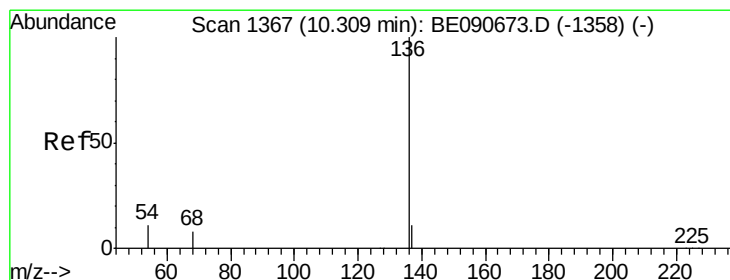
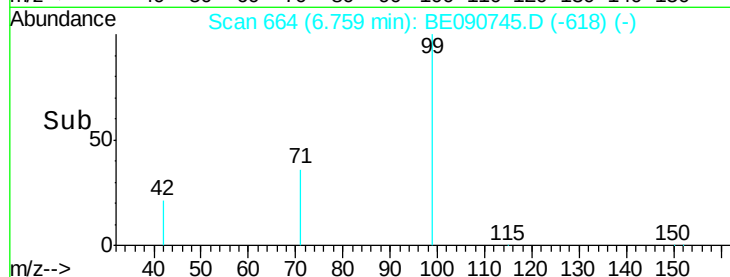
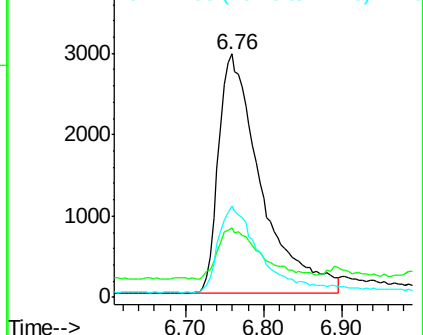
99 100

42 21.8 16.8 25.2

71 36.4 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: BE090745.D

Acq: 5 Sep 2015 00:29

Tgt Ion: 136 Resp: 174047

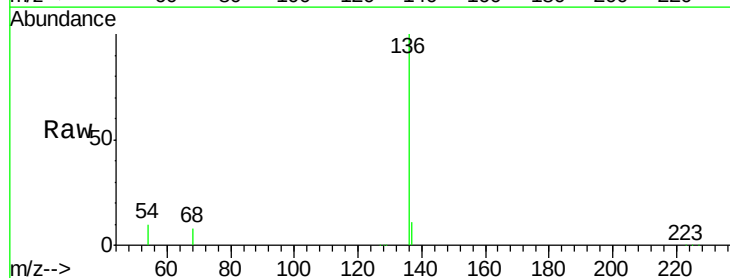
Ion Ratio Lower Upper

136 100

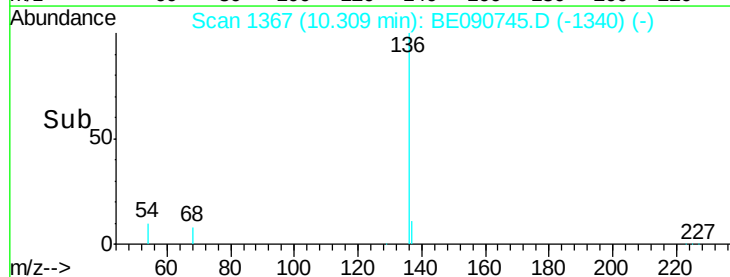
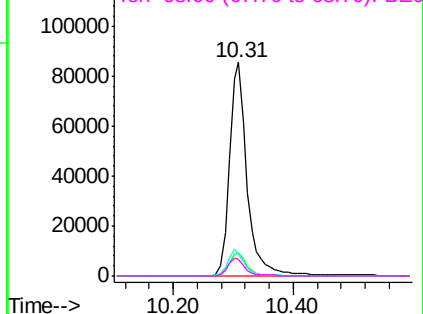
137 10.9 8.7 13.1

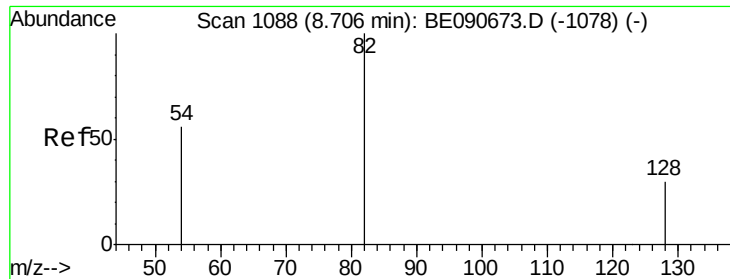
54 10.5 9.0 13.6

68 7.8 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: 0.98 ng

RT: 8.70 min Scan# 1087

Delta R.T. -0.00 min

Lab File: BE090745.D

Acq: 5 Sep 2015 00:29

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

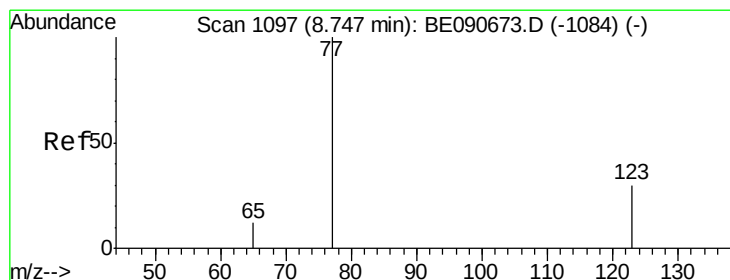
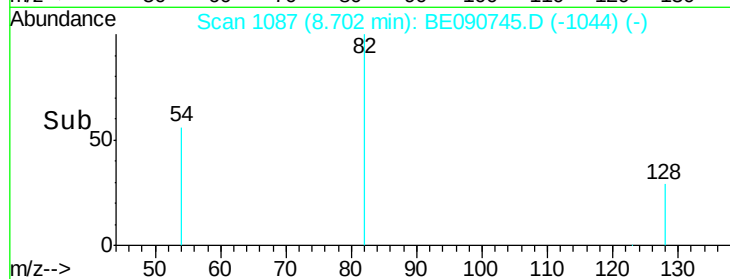
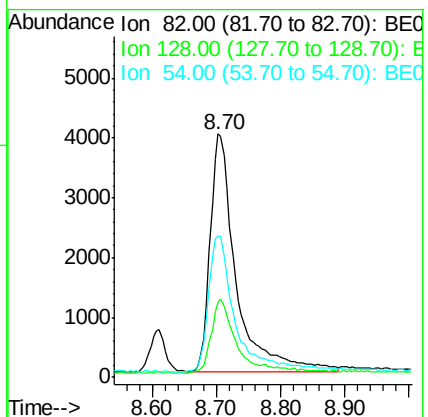
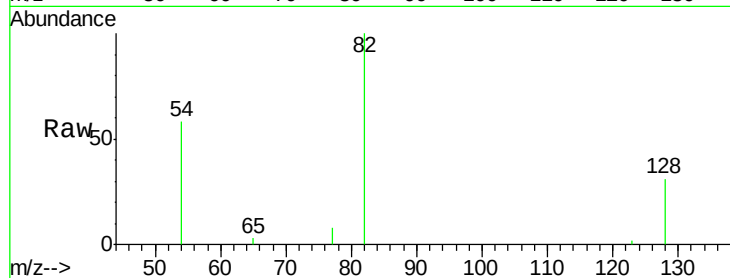
Tgt Ion: 82 Resp: 11272

Ion Ratio Lower Upper

82 100

128 30.7 25.0 37.4

54 58.1 46.3 69.5



#8

Nitrobenzene

Concen: 0.94 ng

RT: 8.75 min Scan# 1097

Delta R.T. 0.00 min

Lab File: BE090745.D

Acq: 5 Sep 2015 00:29

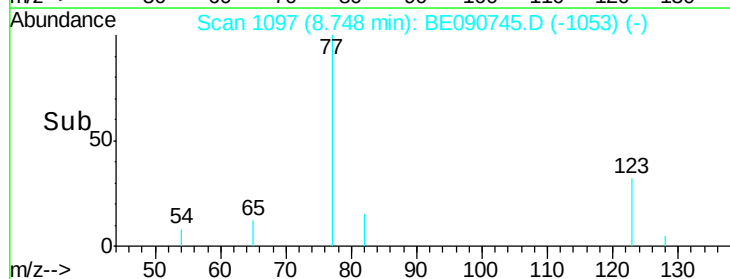
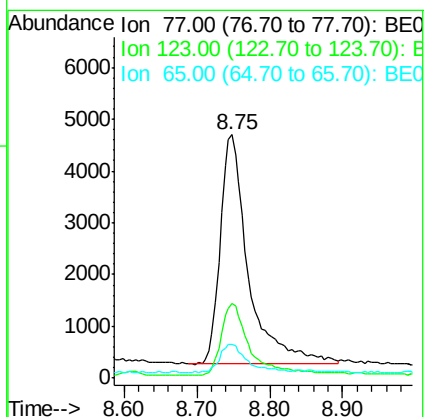
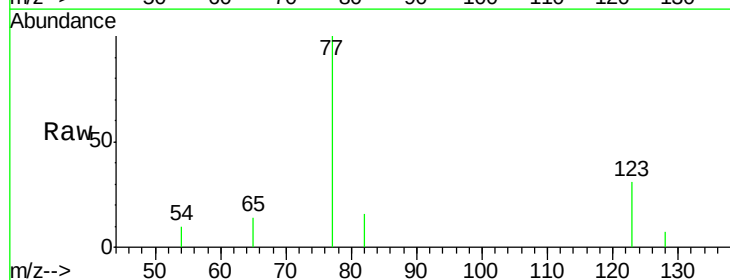
Tgt Ion: 77 Resp: 12033

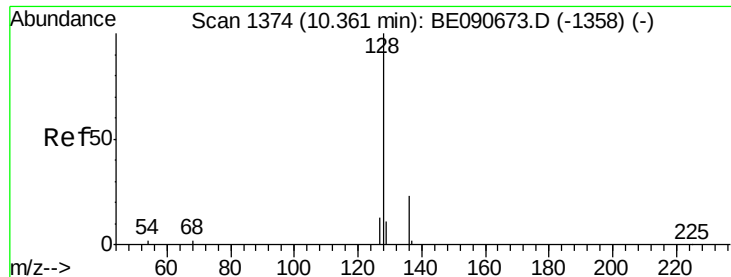
Ion Ratio Lower Upper

77 100

123 32.8 25.1 37.7

65 11.9 9.9 14.9





#9

Naphthalene

Concen: 1.01 ng

RT: 10.35 min Scan# 1373

Delta R.T. -0.01 min

Lab File: BE090745.D

Acq: 5 Sep 2015 00:29

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

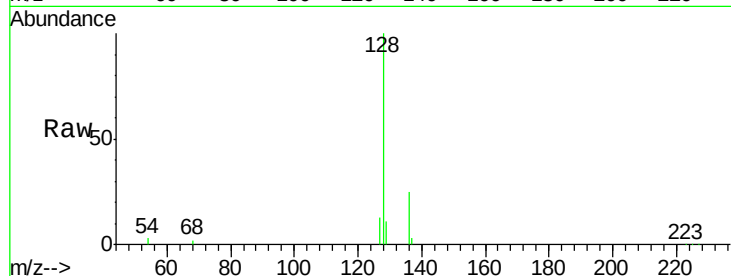
Tgt Ion:128 Resp: 38167

Ion Ratio Lower Upper

128 100

129 11.5 9.0 13.6

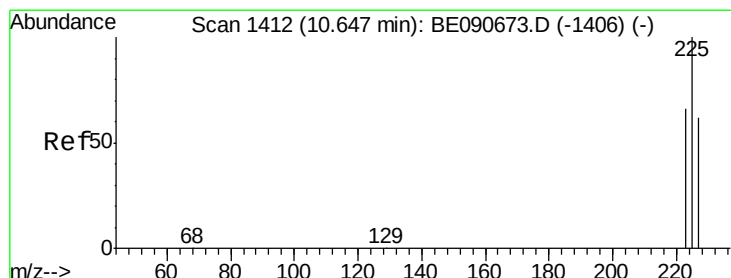
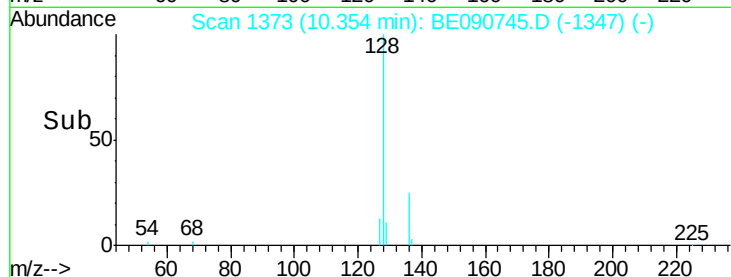
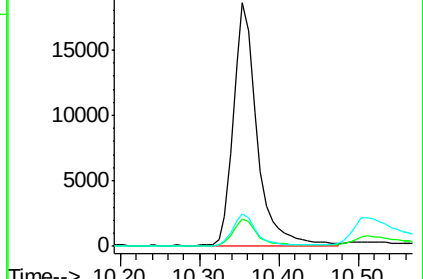
127 13.4 10.6 15.8



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: BE090745.D

Acq: 5 Sep 2015 00:29

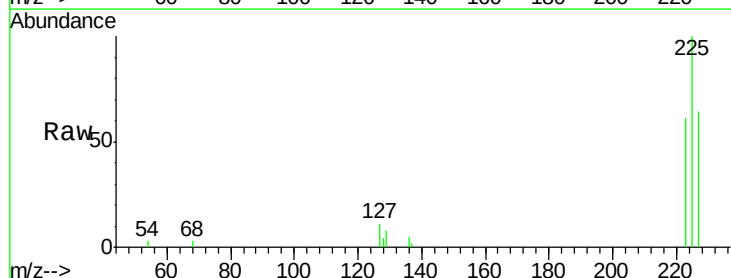
Tgt Ion:225 Resp: 5813

Ion Ratio Lower Upper

225 100

223 62.8 50.6 76.0

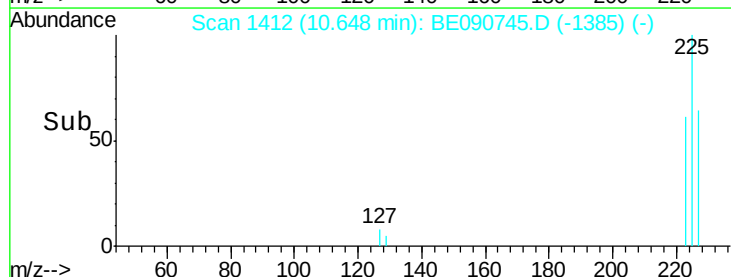
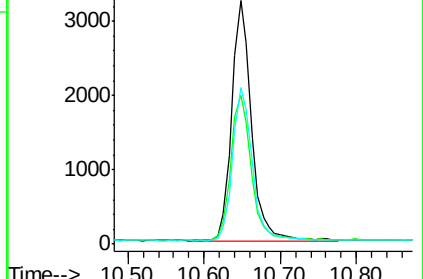
227 64.1 51.0 76.6

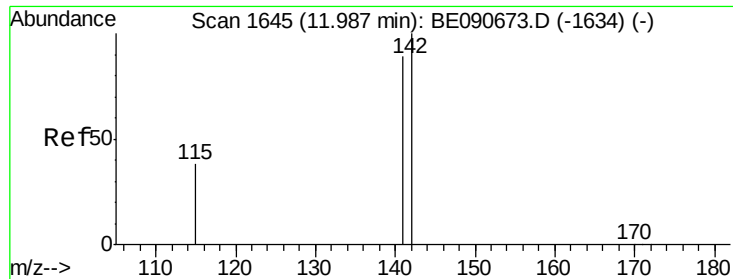


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

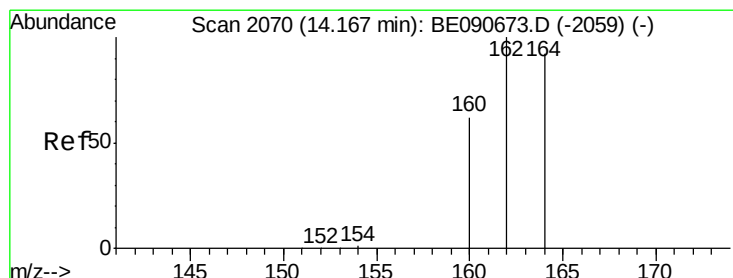
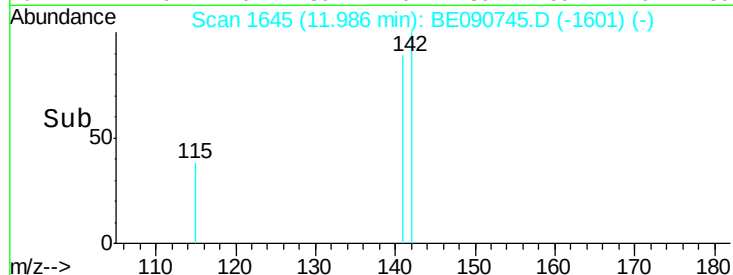
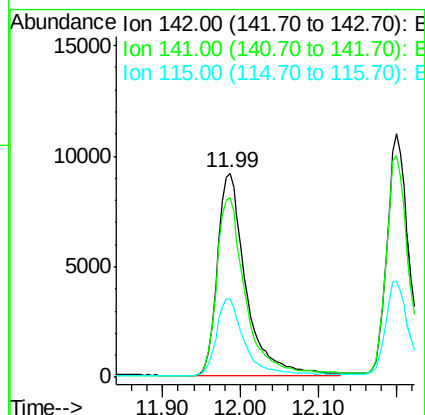
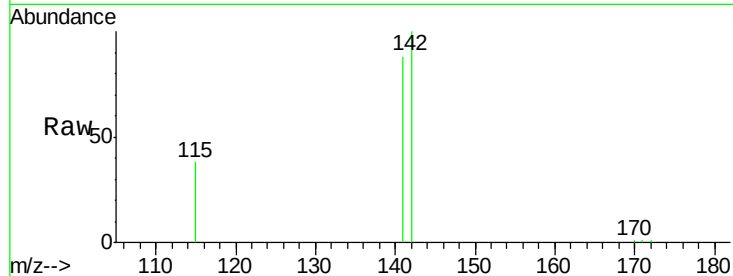




#11
2-Methylnaphthalene
Concen: 1.13 ng
RT: 11.99 min Scan# 1645
Delta R.T. -0.00 min
Lab File: BE090745.D
Acq: 5 Sep 2015 00:29

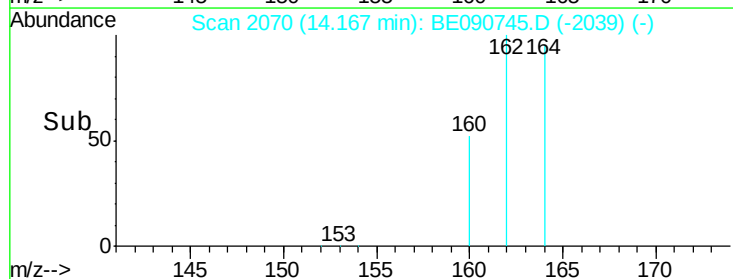
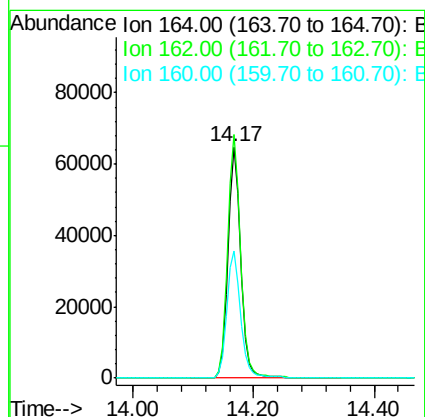
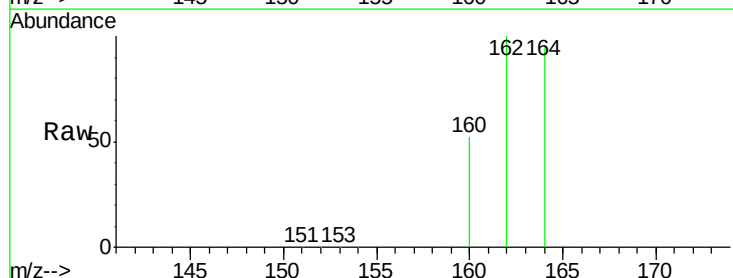
Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

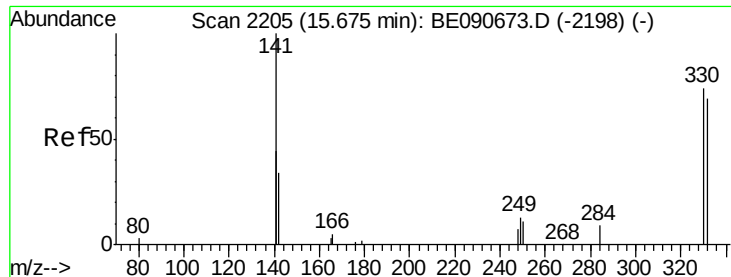
Tgt Ion:142 Resp: 23155
Ion Ratio Lower Upper
142 100
141 88.0 71.4 107.2
115 38.3 31.0 46.4



#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.17 min Scan# 2070
Delta R.T. 0.00 min
Lab File: BE090745.D
Acq: 5 Sep 2015 00:29

Tgt Ion:164 Resp: 97055
Ion Ratio Lower Upper
164 100
162 105.3 86.8 130.2
160 54.7 53.9 80.9

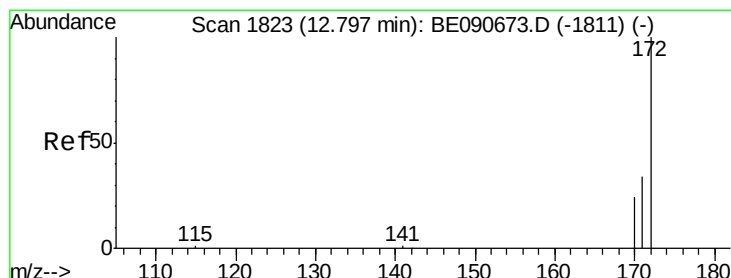
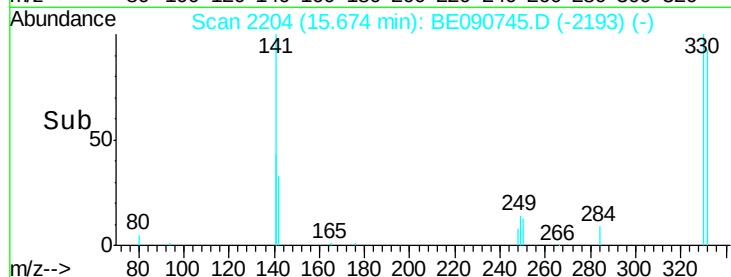
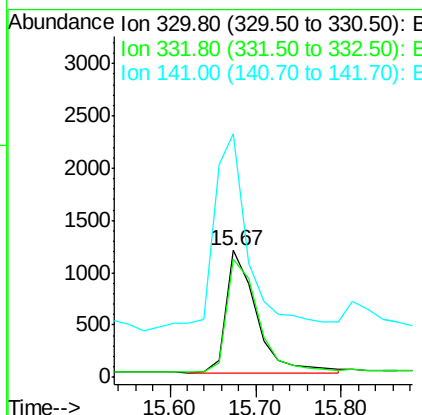
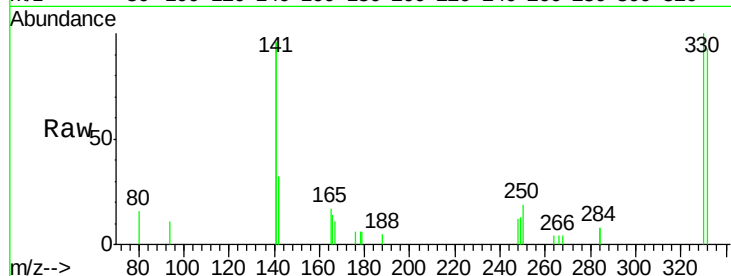




#13
 2,4,6-Tribromophenol
 Concen: 1.14 ng
 RT: 15.67 min Scan# 2204
 Delta R.T. -0.00 min
 Lab File: BE090745.D
 Acq: 5 Sep 2015 00:29

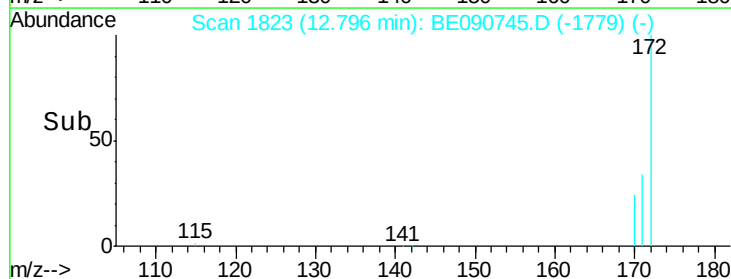
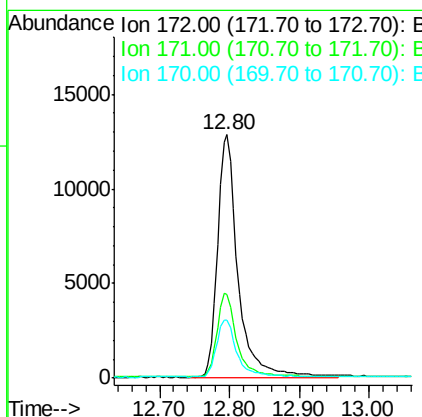
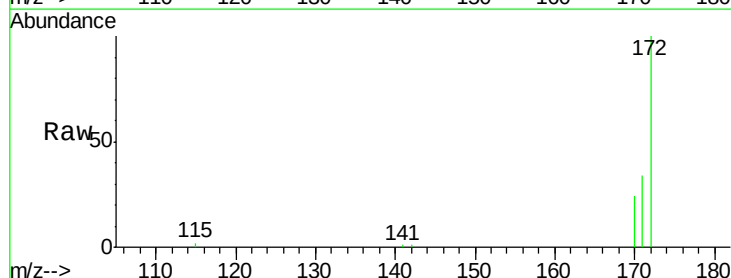
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001EC

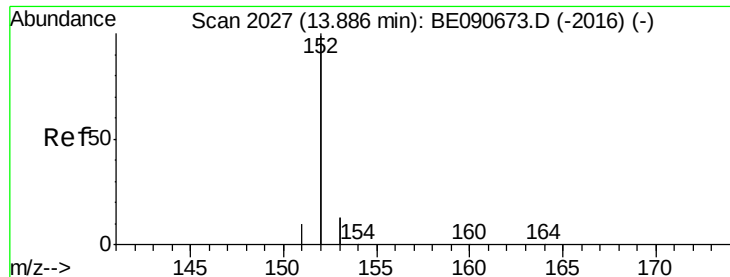
Tgt Ion: 330 Resp: 2865
 Ion Ratio Lower Upper
 330 100
 332 97.2 74.9 112.3
 141 188.1 145.2 217.8



#14
 2-Fluorobiphenyl
 Concen: 0.98 ng
 RT: 12.80 min Scan# 1823
 Delta R.T. -0.00 min
 Lab File: BE090745.D
 Acq: 5 Sep 2015 00:29

Tgt Ion: 172 Resp: 26261
 Ion Ratio Lower Upper
 172 100
 171 34.3 27.8 41.8
 170 23.9 19.8 29.6





#15

Acenaphthylene

Concen: 1.05 ng

RT: 13.89 min Scan# 2027

Delta R.T. 0.00 min

Lab File: BE090745.D

Acq: 5 Sep 2015 00:29

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

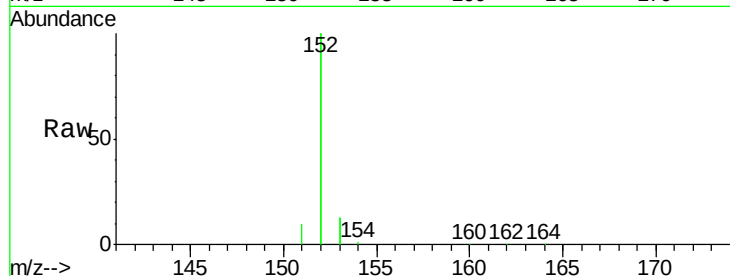
Tgt Ion:152 Resp: 163281

Ion Ratio Lower Upper

152 100

151 4.9 3.9 5.9

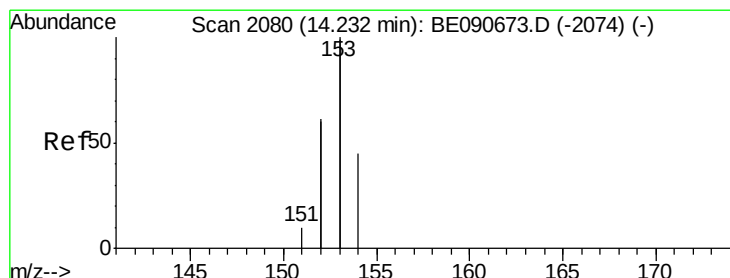
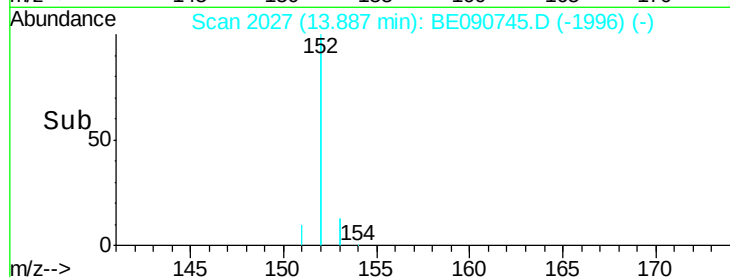
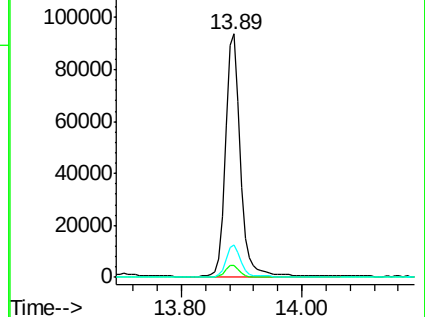
153 12.8 10.3 15.5



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: 1.02 ng

RT: 14.23 min Scan# 2080

Delta R.T. 0.00 min

Lab File: BE090745.D

Acq: 5 Sep 2015 00:29

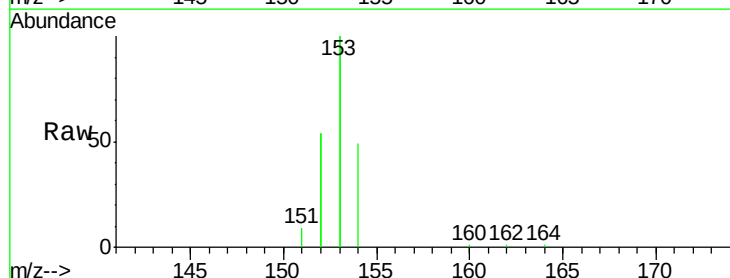
Tgt Ion:154 Resp: 26533

Ion Ratio Lower Upper

154 100

153 438.9 354.5 531.7

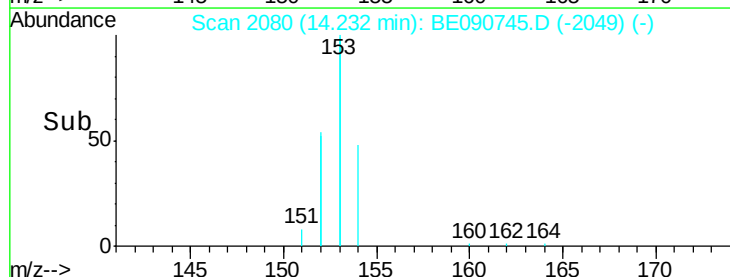
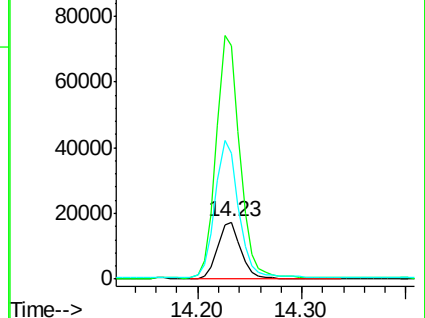
152 251.1 227.8 341.6

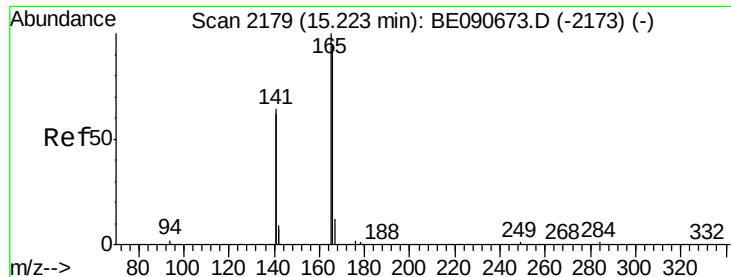


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

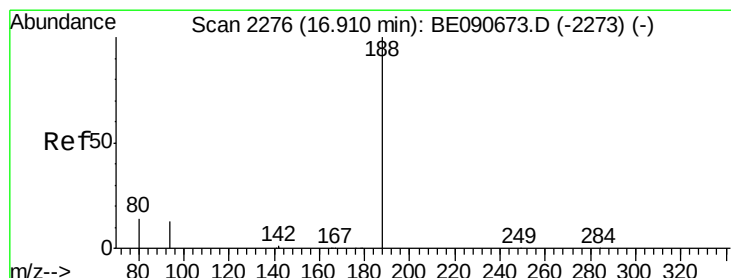
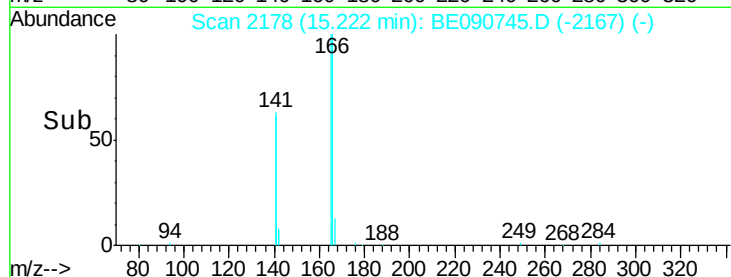
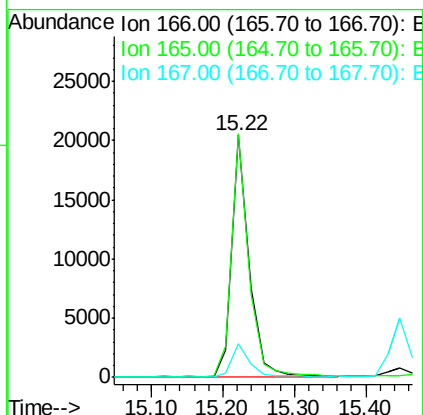
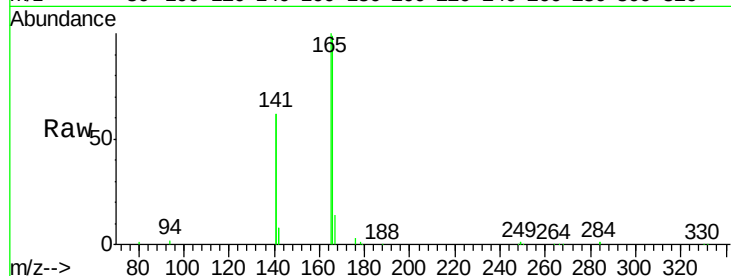




#17
Fluorene
Concen: 1.04 ng
RT: 15.22 min Scan# 2178
Delta R.T. -0.00 min
Lab File: BE090745.D
Acq: 5 Sep 2015 00:29

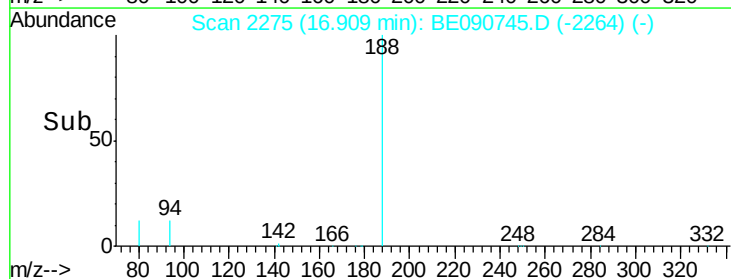
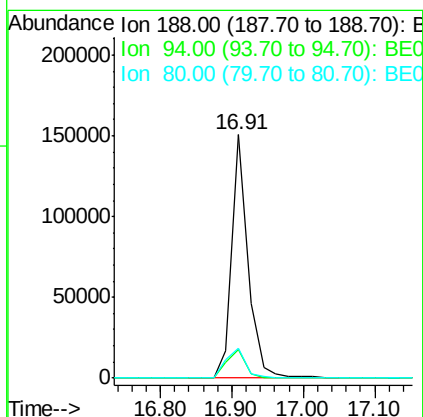
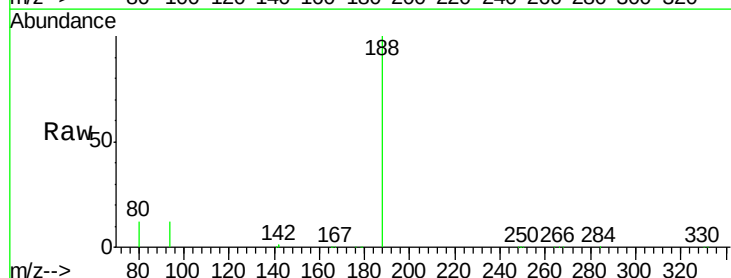
Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

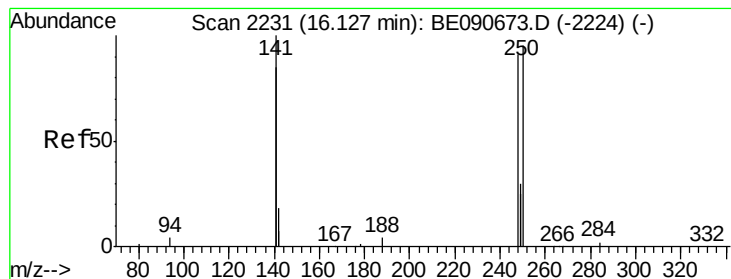
Tgt Ion:166 Resp: 33576
Ion Ratio Lower Upper
166 100
165 99.9 82.7 124.1
167 14.2 10.7 16.1



#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.91 min Scan# 2275
Delta R.T. -0.00 min
Lab File: BE090745.D
Acq: 5 Sep 2015 00:29

Tgt Ion:188 Resp: 236805
Ion Ratio Lower Upper
188 100
94 11.7 10.3 15.5
80 12.5 11.0 16.6





#19

4-Bromophenyl-phenylether

Concen: 1.04 ng

RT: 16.13 min Scan# 2230

Delta R.T. -0.00 min

Lab File: BE090745.D

Acq: 5 Sep 2015 00:29

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

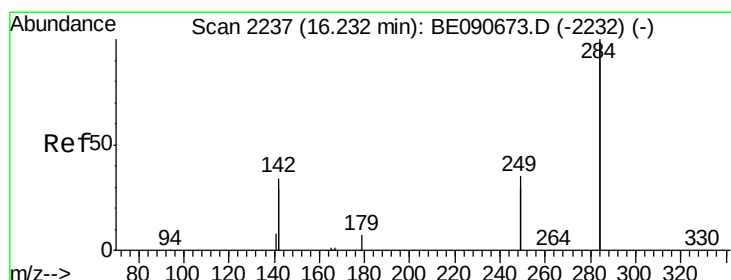
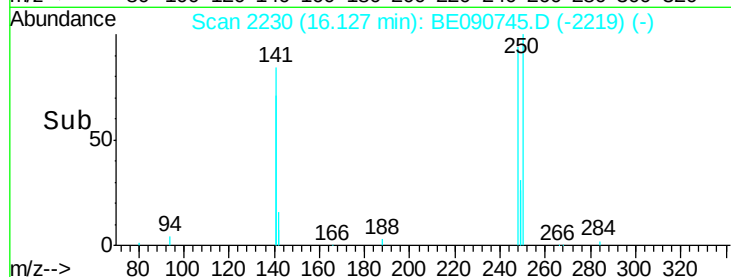
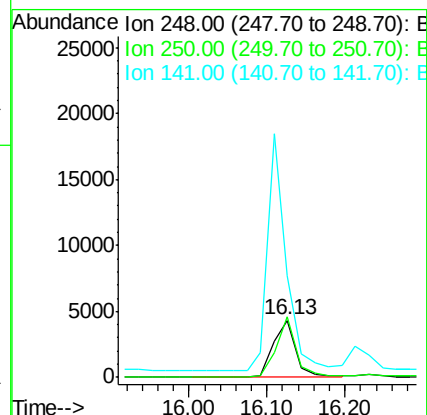
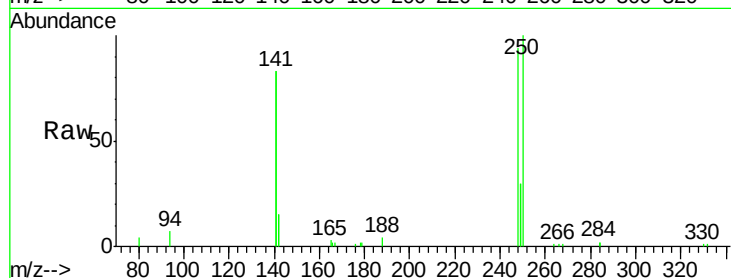
Tgt Ion:248 Resp: 8388

Ion Ratio Lower Upper

248 100

250 94.2 76.7 115.1

141 359.4 292.6 439.0



#20

Hexachlorobenzene

Concen: 1.02 ng

RT: 16.23 min Scan# 2236

Delta R.T. -0.00 min

Lab File: BE090745.D

Acq: 5 Sep 2015 00:29

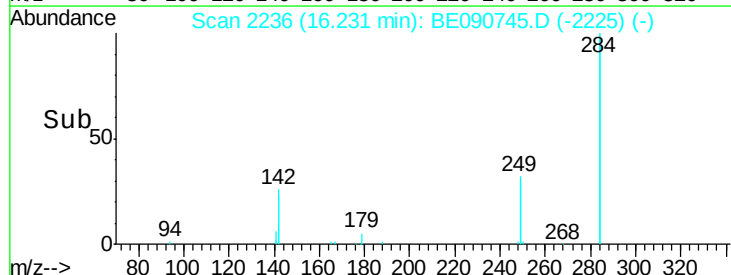
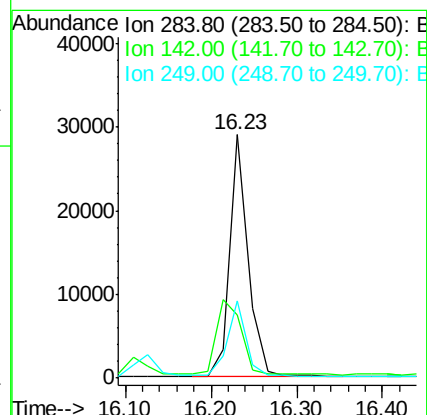
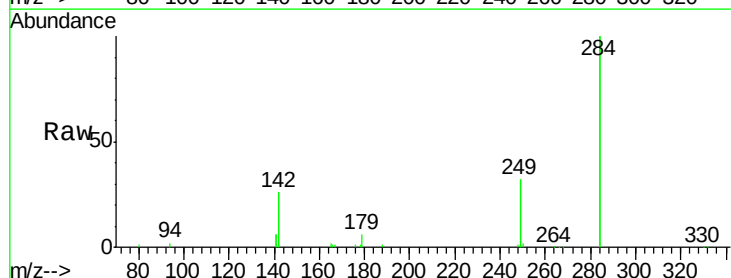
Tgt Ion:284 Resp: 43151

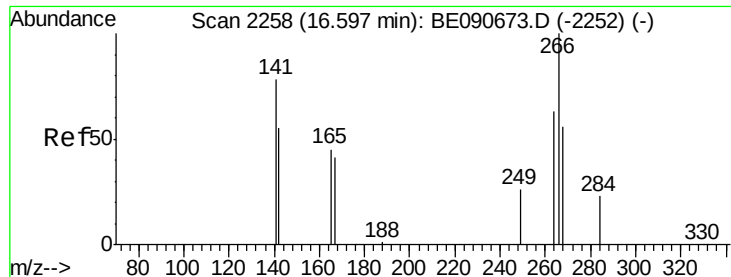
Ion Ratio Lower Upper

284 100

142 42.2 35.0 52.4

249 31.7 25.5 38.3





#21

Pentachlorophenol

Concen: 1.17 ng

RT: 16.60 min Scan# 2257

Delta R.T. -0.00 min

Lab File: BE090745.D

Acq: 5 Sep 2015 00:29

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

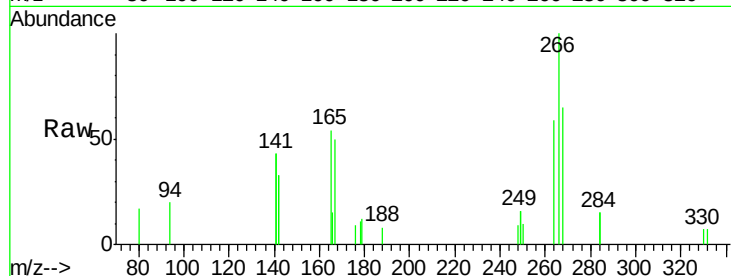
Tgt Ion:266 Resp: 2487

Ion Ratio Lower Upper

266 100

268 64.8 49.6 74.4

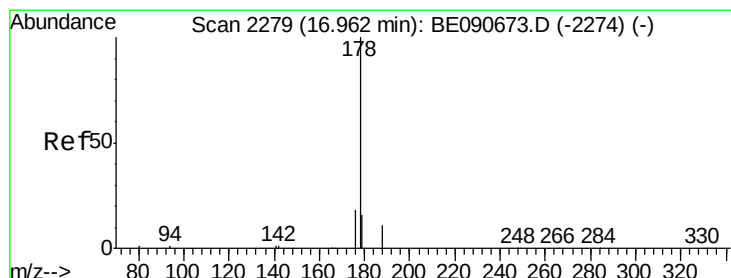
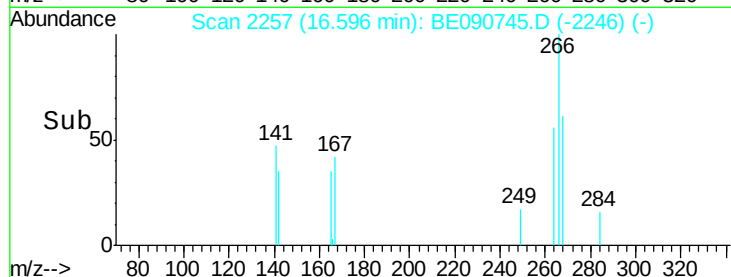
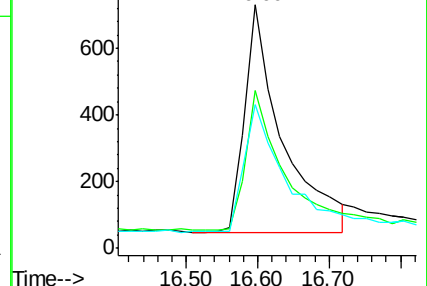
264 59.2 53.9 80.9



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: 1.03 ng

RT: 16.94 min Scan# 2277

Delta R.T. -0.02 min

Lab File: BE090745.D

Acq: 5 Sep 2015 00:29

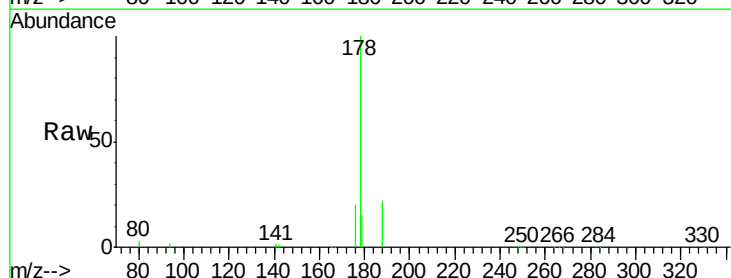
Tgt Ion:178 Resp: 60260

Ion Ratio Lower Upper

178 100

176 19.1 15.6 23.4

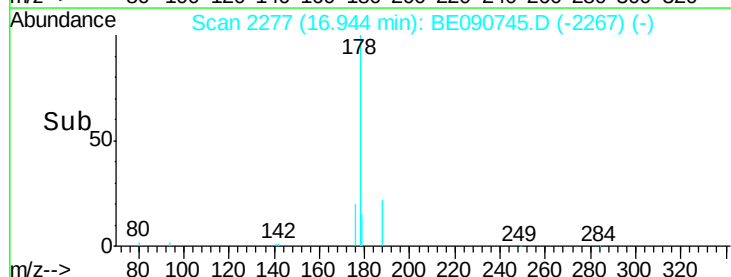
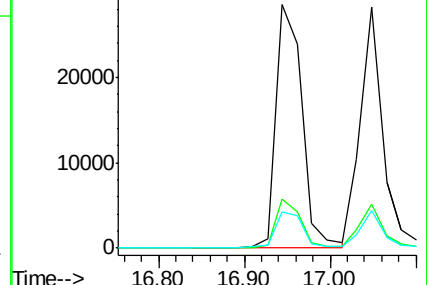
179 15.5 12.8 19.2

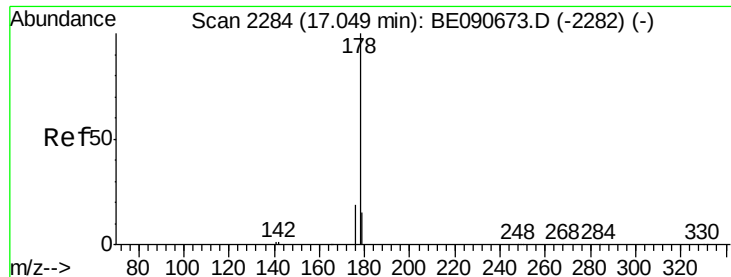


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#23

Anthracene

Concen: 1.05 ng

RT: 17.05 min Scan# 2283

Delta R.T. -0.00 min

Lab File: BE090745.D

Acq: 5 Sep 2015 00:29

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

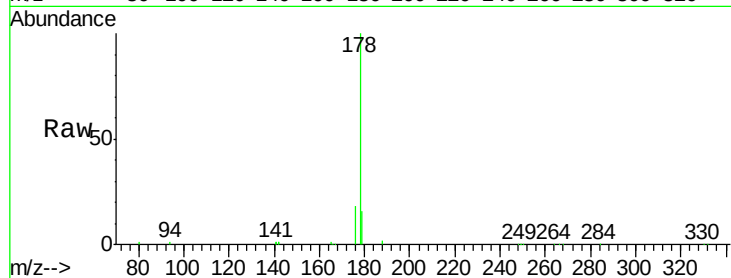
Tgt Ion:178 Resp: 51235

Ion Ratio Lower Upper

178 100

176 18.5 15.0 22.6

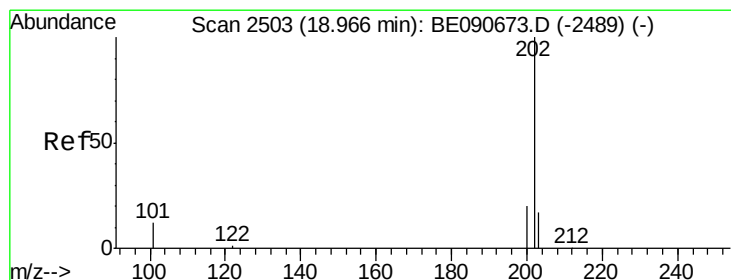
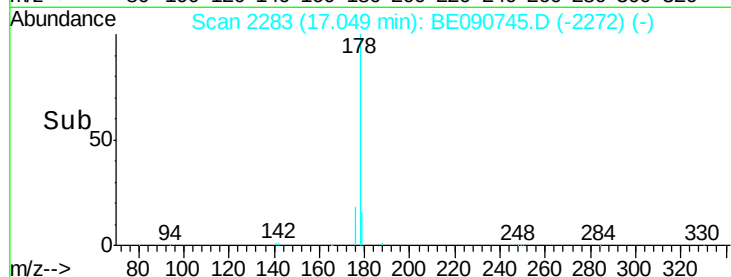
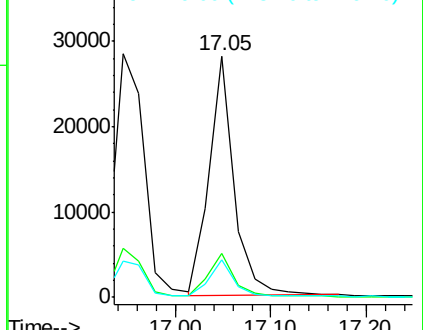
179 15.4 12.3 18.5



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: 1.06 ng

RT: 18.96 min Scan# 2501

Delta R.T. -0.01 min

Lab File: BE090745.D

Acq: 5 Sep 2015 00:29

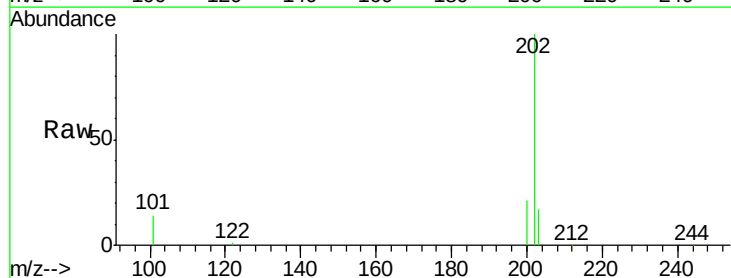
Tgt Ion:202 Resp: 65261

Ion Ratio Lower Upper

202 100

101 14.1 11.0 16.6

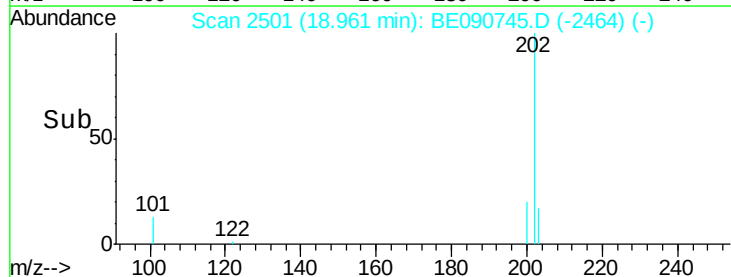
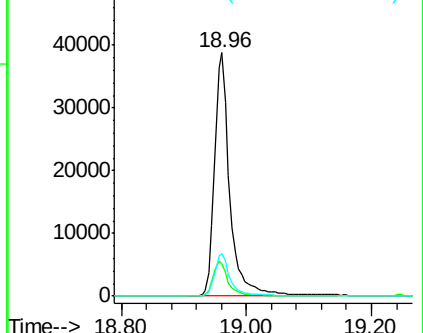
203 17.1 13.9 20.9

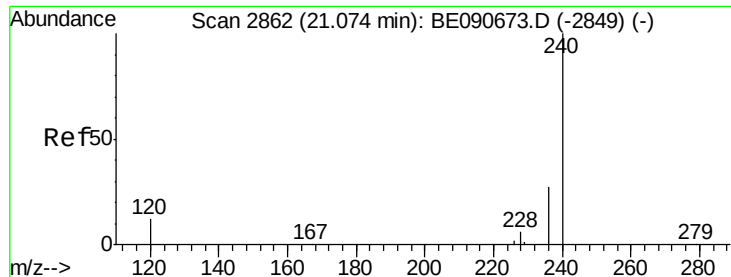


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.07 min Scan# 2861

Delta R.T. 0.00 min

Lab File: BE090745.D

Acq: 5 Sep 2015 00:29

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

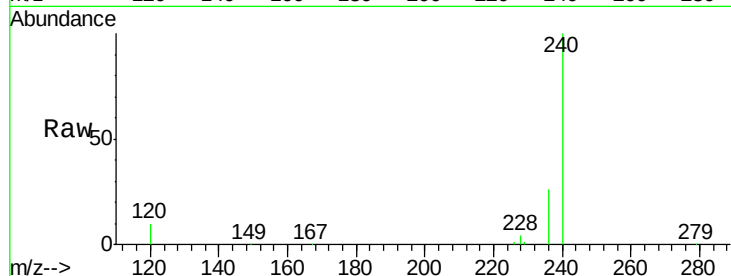
Tgt Ion:240 Resp: 300578

Ion Ratio Lower Upper

240 100

120 10.3 10.1 15.1

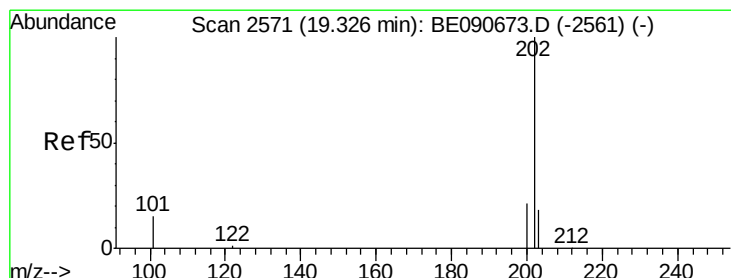
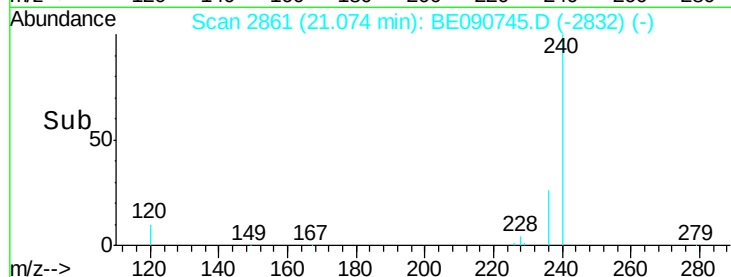
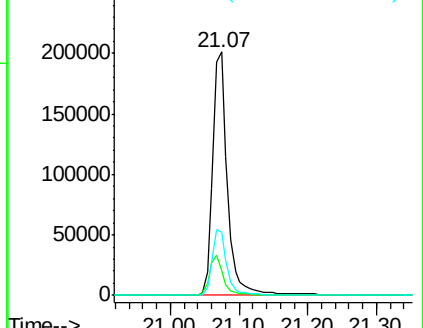
236 26.2 21.9 32.9



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: 1.12 ng

RT: 19.32 min Scan# 2569

Delta R.T. -0.01 min

Lab File: BE090745.D

Acq: 5 Sep 2015 00:29

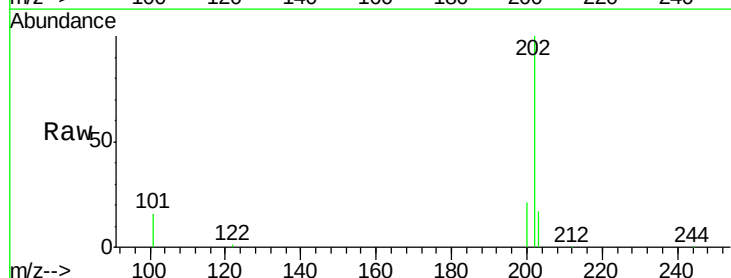
Tgt Ion:202 Resp: 69603

Ion Ratio Lower Upper

202 100

200 21.1 16.7 25.1

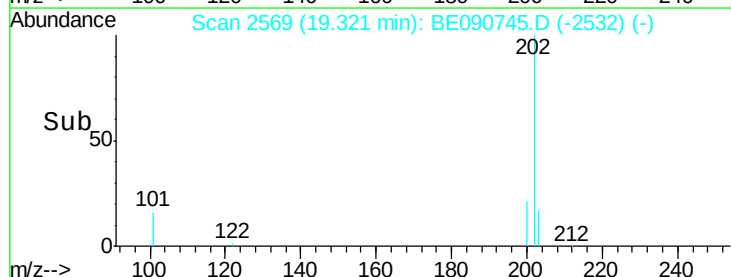
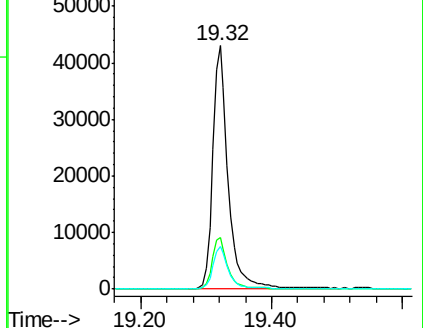
203 17.4 13.8 20.6

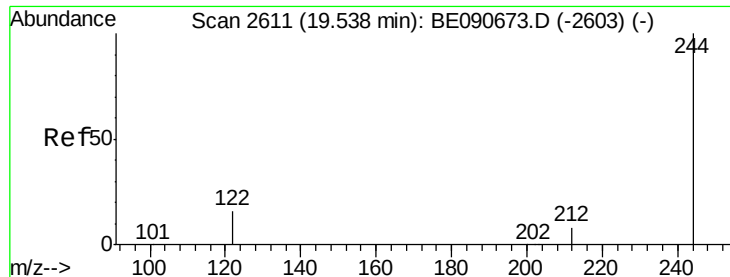


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

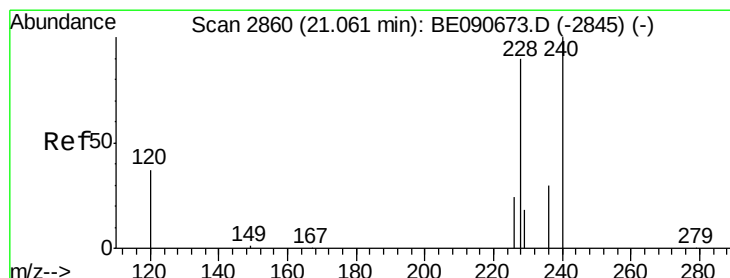
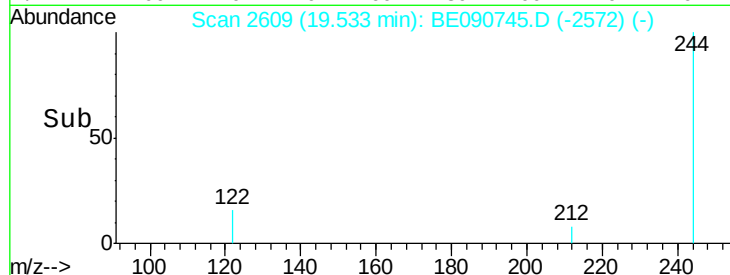
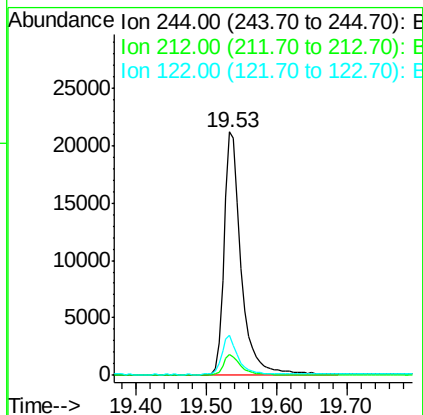
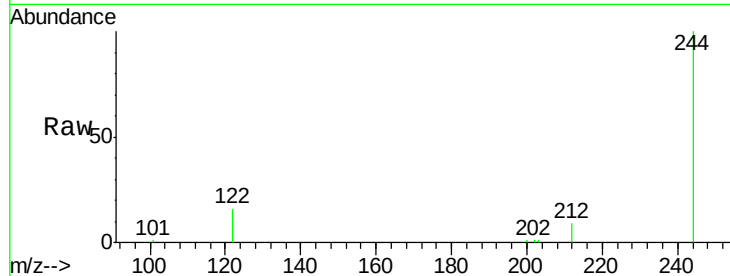




#27
 Terphenyl-d14
 Concen: 1.08 ng
 RT: 19.53 min Scan# 2609
 Delta R.T. -0.01 min
 Lab File: BE090745.D
 Acq: 5 Sep 2015 00:29

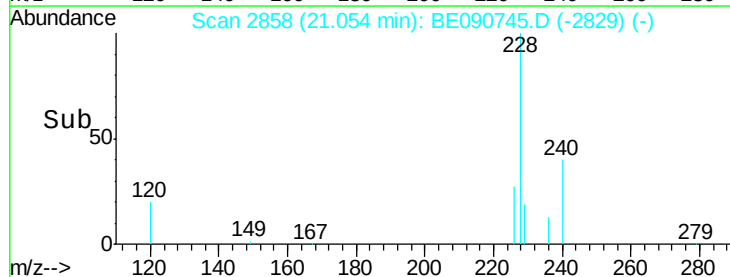
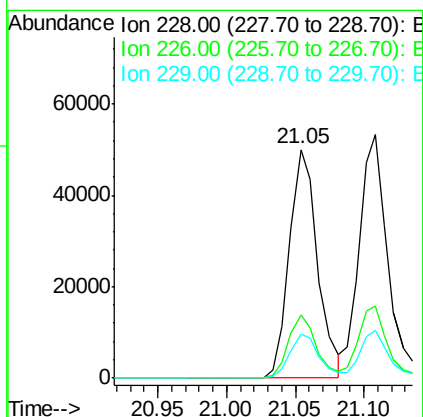
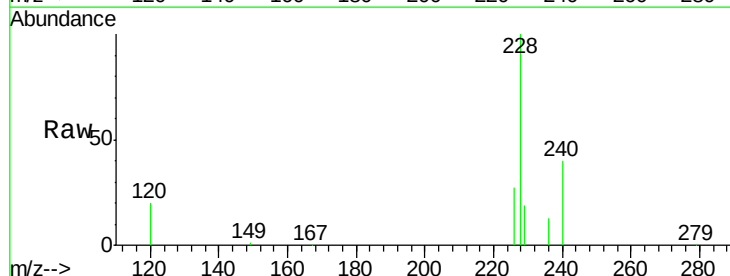
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001EC

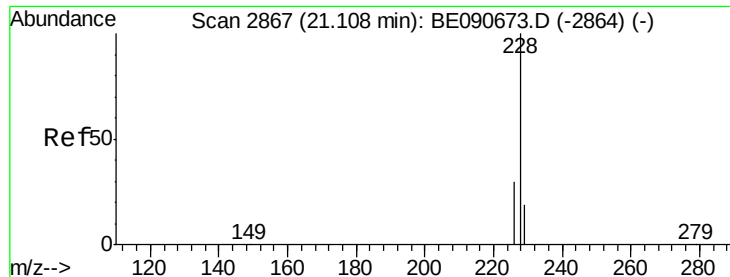
Tgt Ion:244 Resp: 35799
 Ion Ratio Lower Upper
 244 100
 212 8.7 6.9 10.3
 122 16.4 12.9 19.3



#28
 Benzo(a)anthracene
 Concen: 1.07 ng
 RT: 21.05 min Scan# 2858
 Delta R.T. -0.01 min
 Lab File: BE090745.D
 Acq: 5 Sep 2015 00:29

Tgt Ion:228 Resp: 71026
 Ion Ratio Lower Upper
 228 100
 226 27.4 21.6 32.4
 229 19.3 15.9 23.9





#29

Chrysene

Concen: 1.10 ng

RT: 21.11 min Scan# 2866

Delta R.T. 0.00 min

Lab File: BE090745.D

Acq: 5 Sep 2015 00:29

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

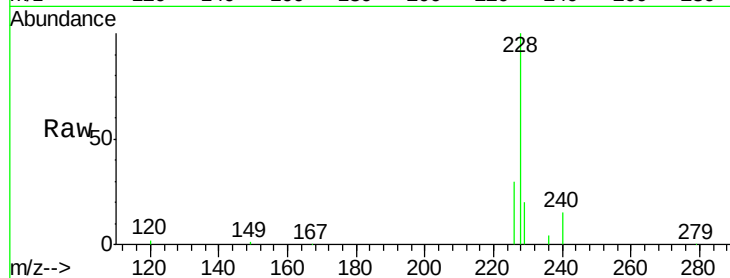
Tgt Ion:228 Resp: 80257

Ion Ratio Lower Upper

228 100

226 29.7 24.2 36.4

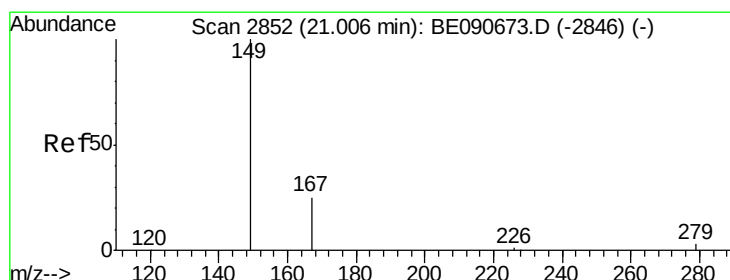
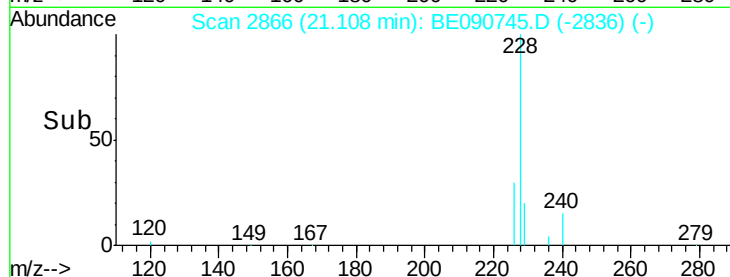
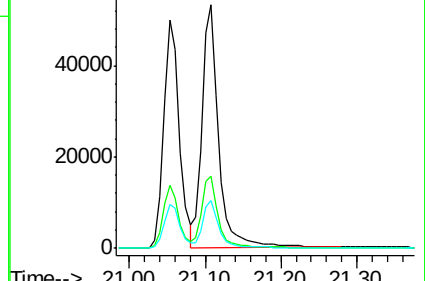
229 19.8 15.3 22.9



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: 1.15 ng

RT: 21.00 min Scan# 2850

Delta R.T. -0.01 min

Lab File: BE090745.D

Acq: 5 Sep 2015 00:29

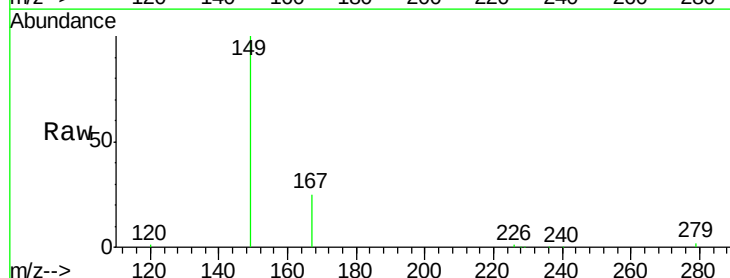
Tgt Ion:149 Resp: 20162

Ion Ratio Lower Upper

149 100

167 25.0 20.1 30.1

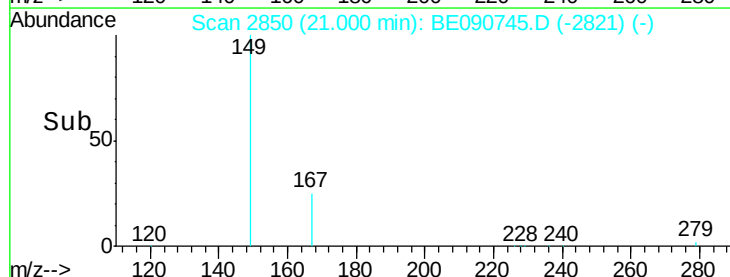
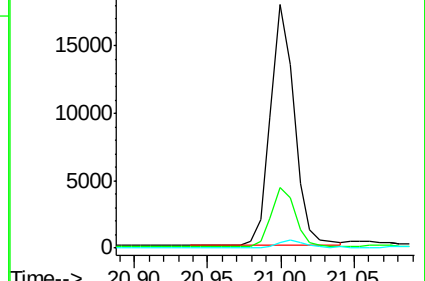
279 3.1 2.3 3.5

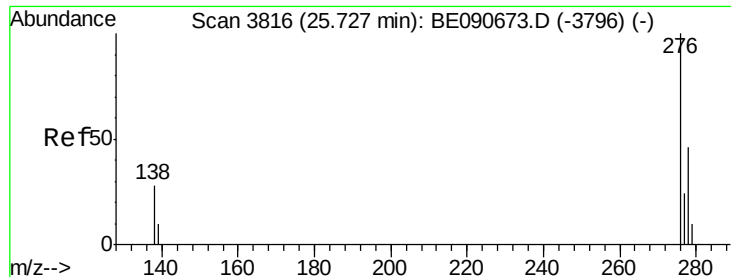


Abundance Ion 149.00 (148.70 to 149.70): E

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: 1.13 ng

RT: 25.72 min Scan# 3813

Delta R.T. -0.01 min

Lab File: BE090745.D

Acq: 5 Sep 2015 00:29

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

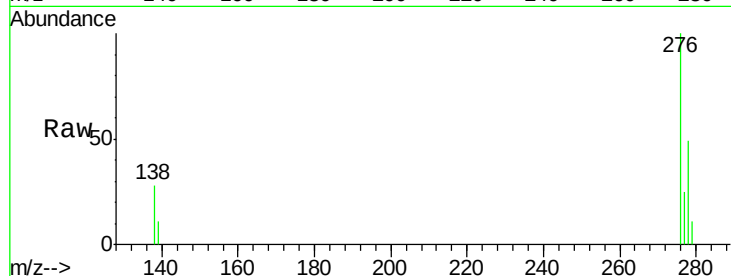
Tgt Ion:276 Resp: 80403

Ion Ratio Lower Upper

276 100

138 29.7 23.3 34.9

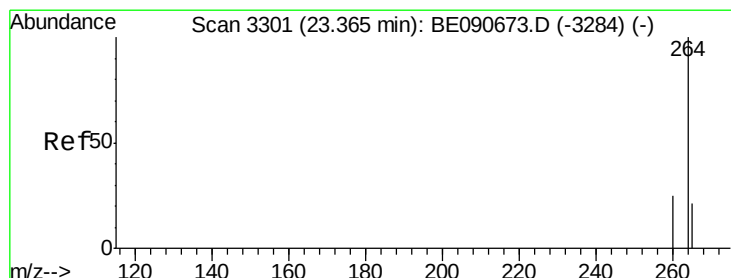
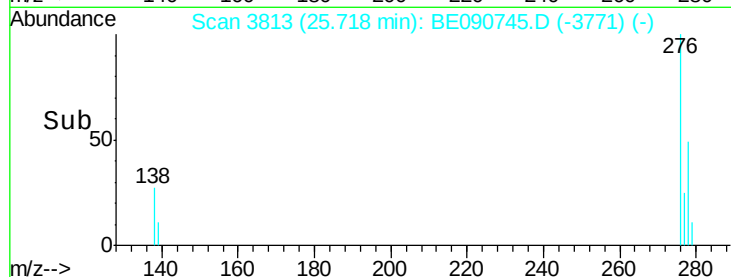
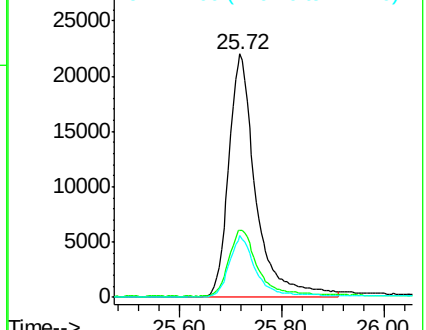
277 24.7 19.8 29.6



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# 3298

Delta R.T. -0.01 min

Lab File: BE090745.D

Acq: 5 Sep 2015 00:29

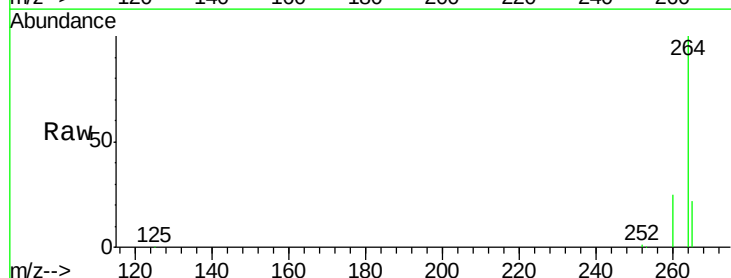
Tgt Ion:264 Resp: 280833

Ion Ratio Lower Upper

264 100

260 24.8 19.7 29.5

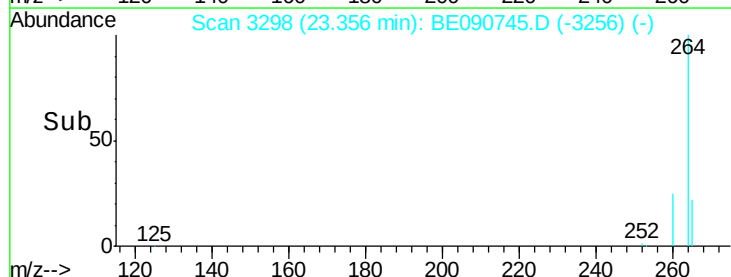
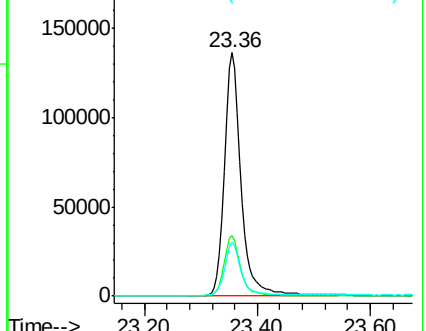
265 22.1 17.5 26.3

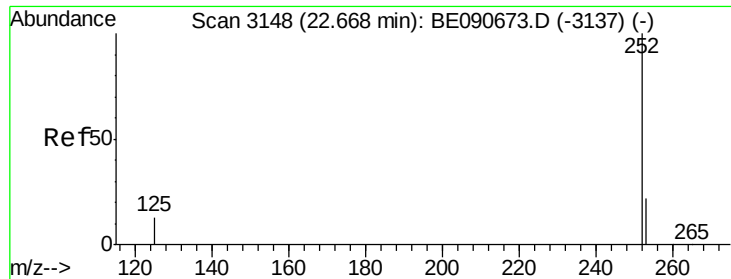


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#33

Benzo(b)fluoranthene

Concen: 1.06 ng

RT: 22.66 min Scan# 3146

Delta R.T. -0.00 min

Lab File: BE090745.D

Acq: 5 Sep 2015 00:29

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

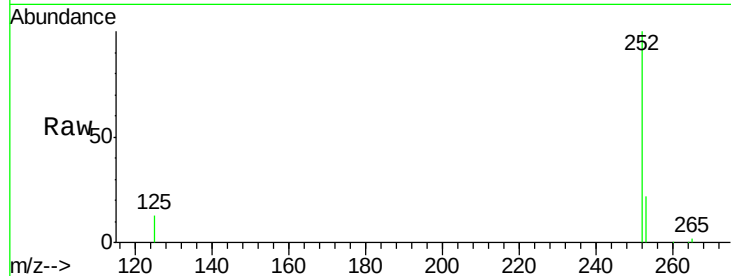
Tgt Ion:252 Resp: 64512

Ion Ratio Lower Upper

252 100

253 22.3 17.9 26.9

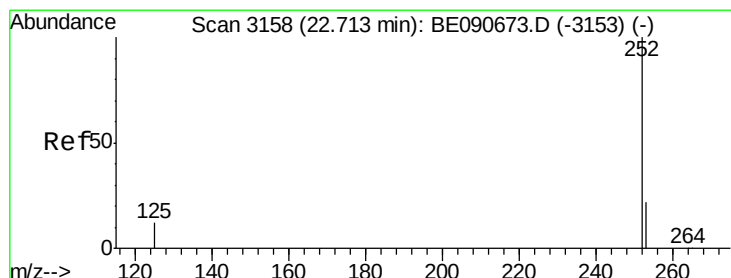
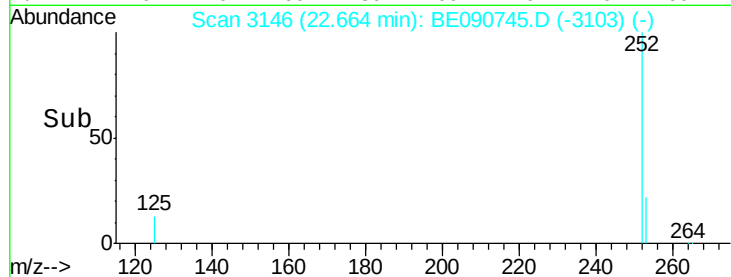
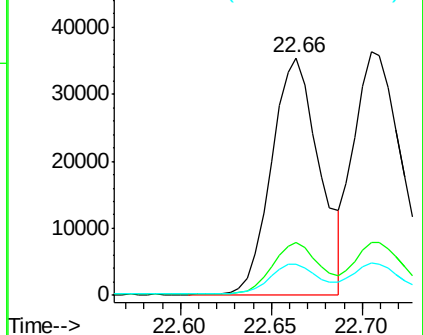
125 13.2 10.6 16.0



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: 1.04 ng

RT: 22.70 min Scan# 3155

Delta R.T. -0.01 min

Lab File: BE090745.D

Acq: 5 Sep 2015 00:29

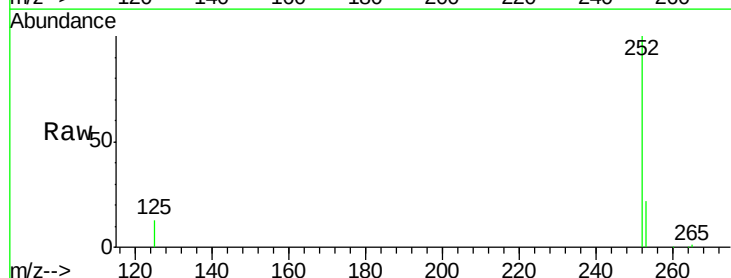
Tgt Ion:252 Resp: 73573

Ion Ratio Lower Upper

252 100

253 21.7 17.9 26.9

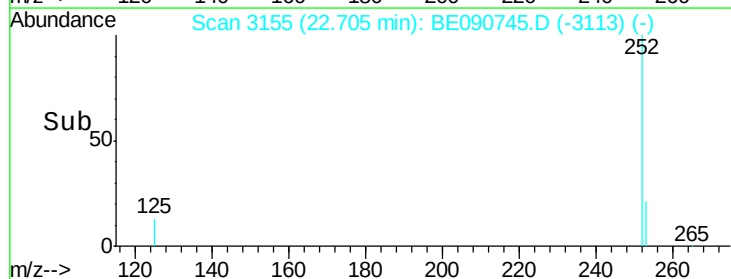
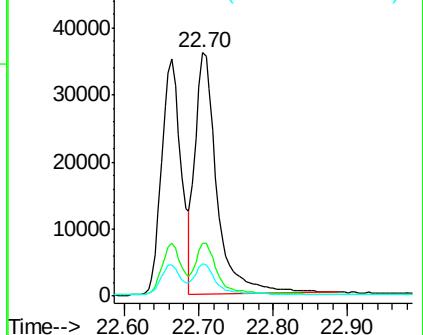
125 13.1 10.1 15.1

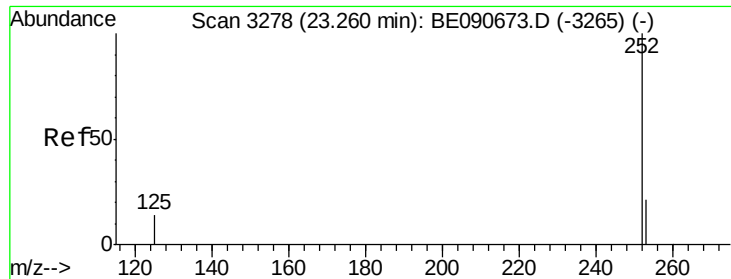


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#35

Benzo(a)pyrene

Concen: 1.09 ng

RT: 23.25 min Scan# 3275

Delta R.T. -0.01 min

Lab File: BE090745.D

Acq: 5 Sep 2015 00:29

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

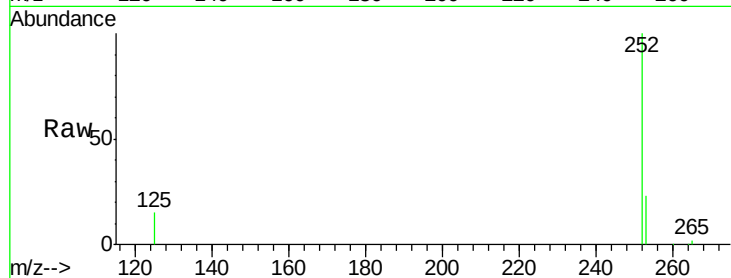
Tgt Ion: 252 Resp: 59343

Ion Ratio Lower Upper

252 100

253 22.7 17.5 26.3

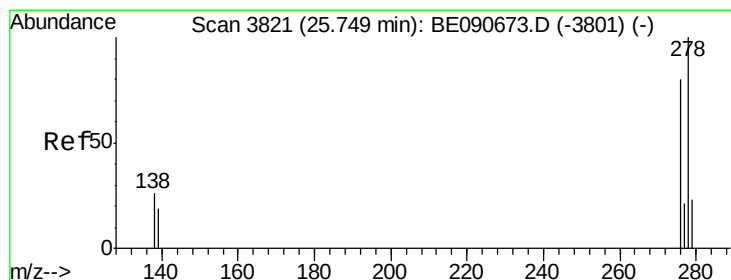
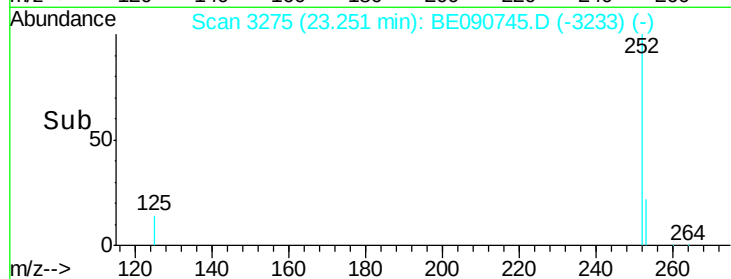
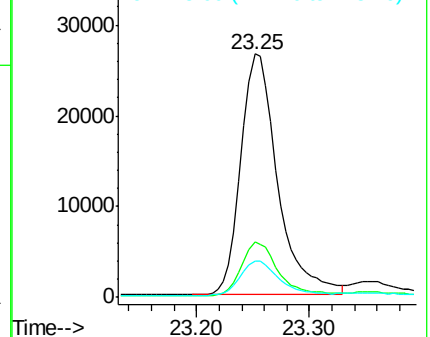
125 14.8 11.6 17.4



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: 1.05 ng

RT: 25.74 min Scan# 3817

Delta R.T. -0.01 min

Lab File: BE090745.D

Acq: 5 Sep 2015 00:29

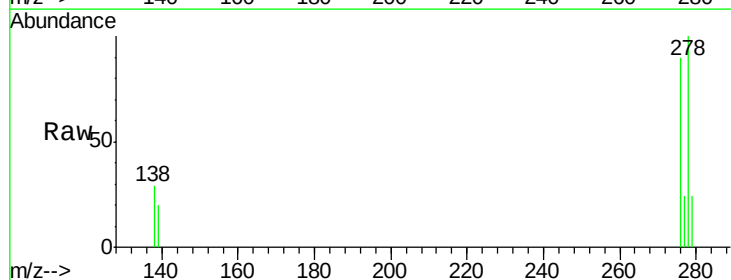
Tgt Ion: 278 Resp: 62349

Ion Ratio Lower Upper

278 100

139 20.2 15.4 23.0

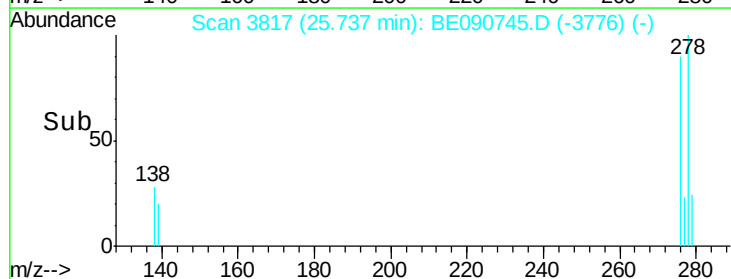
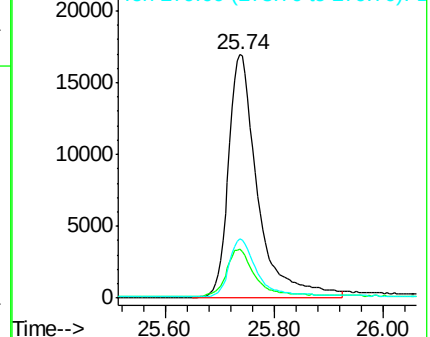
279 24.4 18.8 28.2

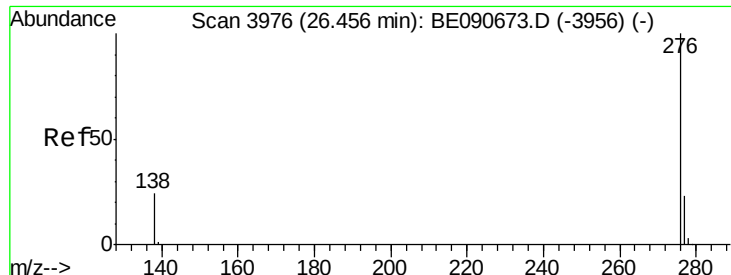


Abundance Ion 278.00 (277.70 to 278.70): E

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: 1.05 ng

RT: 26.44 min Scan# 3971

Delta R.T. -0.02 min

Lab File: BE090745.D

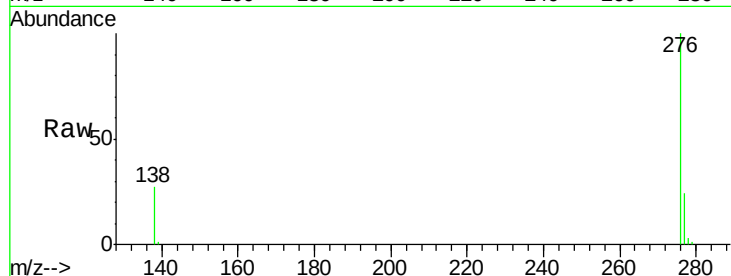
Acq: 5 Sep 2015 00:29

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC



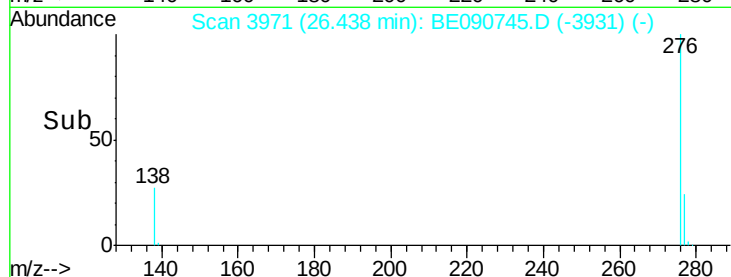
Tgt Ion: 276 Resp: 65660

Ion Ratio Lower Upper

276 100

277 23.9 18.5 27.7

138 27.2 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

