

Data Path : Z:\HPCHEM1\BNA E\DATA\BE081015\
 Data File : BE090416.D
 Acq On : 11 Aug 2015 00:27
 Operator : TP/UM
 Sample : SSTDCCC001
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001

Quant Time: Aug 11 04:00:42 2015
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE080515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 06 12:28:08 2015
 Response via : Initial Calibration

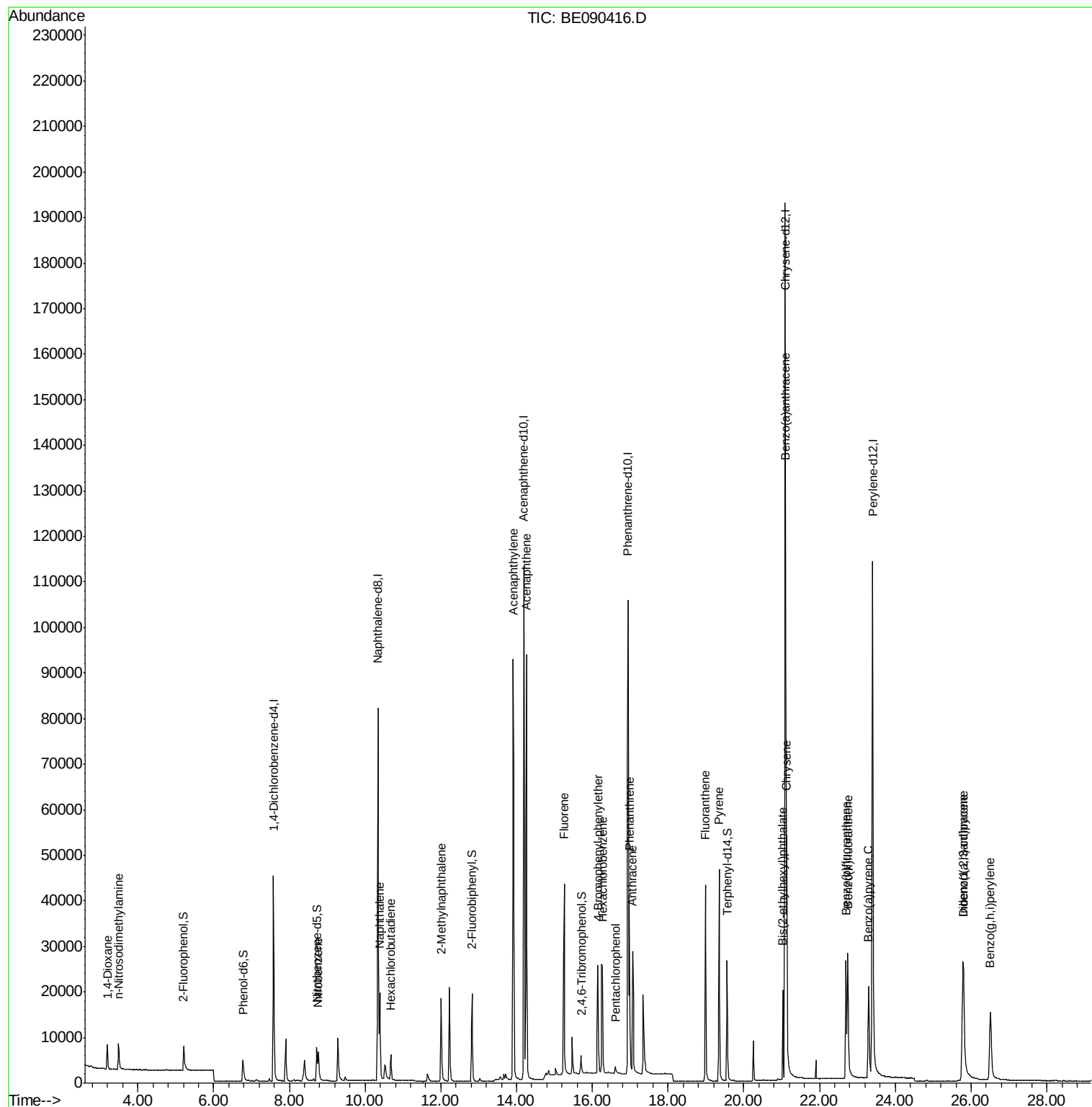
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	24276	5.00	ng	0.00
6) Naphthalene-d8	10.34	136	113551	5.00	ng	0.00
12) Acenaphthene-d10	14.19	164	68296	5.00	ng	0.00
18) Phenanthrene-d10	16.94	188	154722	5.00	ng	0.00
25) Chrysene-d12	21.09	240	181816	5.00	ng	0.00
32) Perylene-d12	23.40	264	168073	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.22	112	5707	1.57	ng	0.00
5) Phenol-d6	6.77	99	8341	1.27	ng	0.00
7) Nitrobenzene-d5	8.73	82	8463	1.08	ng	0.00
13) 2,4,6-Tribromophenol	15.71	330	2267	1.79	ng	0.00
14) 2-Fluorobiphenyl	12.82	172	20011	1.07	ng	0.00
27) Terphenyl-d14	19.56	244	31534	1.18	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.20	88	3298	1.04	ng	97
3) n-Nitrosodimethylamine	3.49	42	4004	1.07	ng	# 80
8) Nitrobenzene	8.77	77	8649	1.05	ng	97
9) Naphthalene	10.38	128	25560	1.02	ng	98
10) Hexachlorobutadiene	10.69	225	4255	1.06	ng	99
11) 2-Methylnaphthalene	12.01	142	16794	1.15	ng	97
15) Acenaphthylene	13.91	152	122687	1.11	ng	100
16) Acenaphthene	14.26	154	17378	1.01	ng	90
17) Fluorene	15.26	166	22785	1.02	ng	98
19) 4-Bromophenyl-phenylether	16.14	248	6496	1.08	ng	93
20) Hexachlorobenzene	16.27	284	29425	0.95	ng	97
21) Pentachlorophenol	16.61	266	1272	1.21	ng	94
22) Phenanthrene	16.98	178	40536	1.05	ng	99
23) Anthracene	17.07	178	37433	1.18	ng	99
24) Fluoranthene	18.99	202	44490	1.17	ng	99
26) Pyrene	19.35	202	45987	1.17	ng	100
28) Benzo(a)anthracene	21.08	228	44282	1.10	ng	100
29) Chrysene	21.13	228	50431m	1.04	ng	
30) Bis(2-ethylhexyl)phthalate	21.03	149	16211	1.58	ng	98
31) Indeno(1,2,3-cd)pyrene	25.78	276	43881	1.20	ng	95
33) Benzo(b)fluoranthene	22.70	252	36699	1.12	ng	99
34) Benzo(k)fluoranthene	22.74	252	47363m	1.01	ng	
35) Benzo(a)pyrene	23.29	252	34470	1.14	ng	99
36) Dibenzo(a,h)anthracene	25.80	278	34081	1.20	ng	99
37) Benzo(g,h,i)perylene	26.51	276	37443	1.21	ng	97

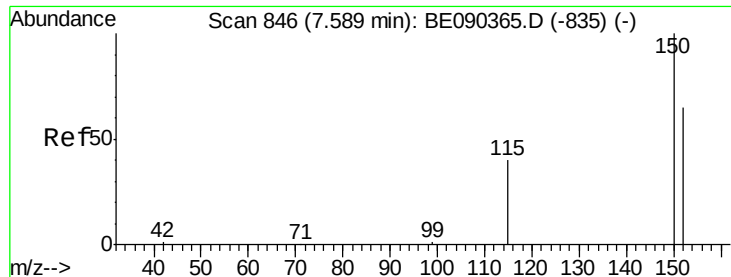
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA E\DATA\BE081015\
Data File : BE090416.D
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BNA_E
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Quant Time: Aug 11 04:00:42 2015
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 06 12:28:08 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.58 min Scan# 845

Delta R.T. -0.01 min

Lab File: BE090416.D

Acq: 11 Aug 2015 00:27

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

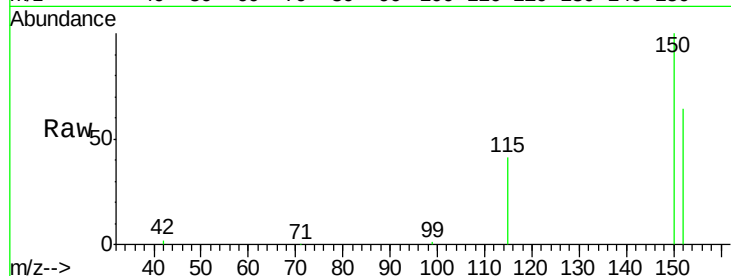
Tot Ion:152 Resp: 24276

Ion Ratio Lower Upper

152 100

150 156.3 123.0 184.4

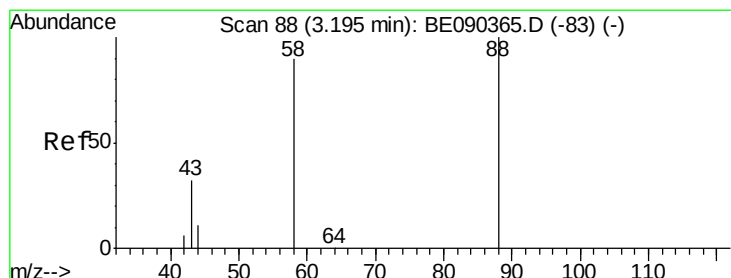
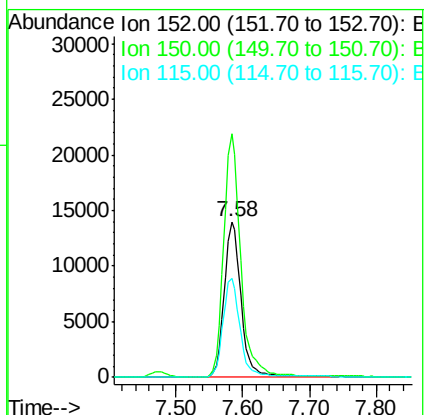
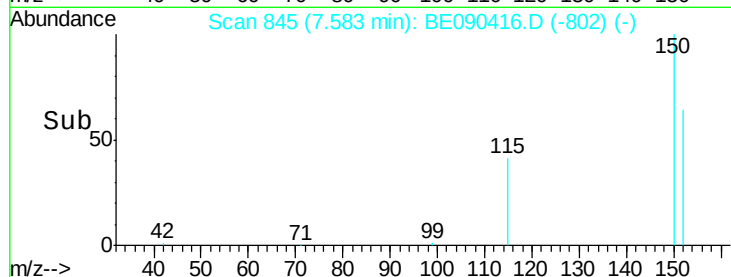
115 63.8 48.9 73.3



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: 3.20 min Scan# 88

Delta R.T. 0.00 min

Lab File: BE090416.D

Acq: 11 Aug 2015 00:27

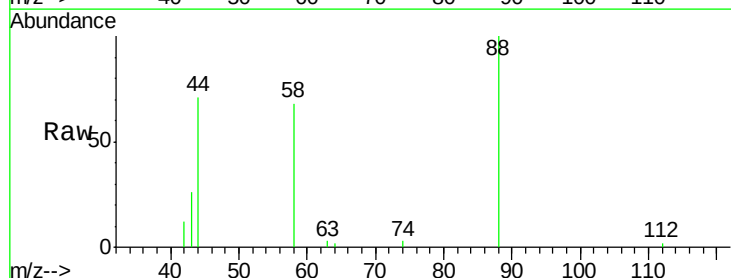
Tgt Ion: 88 Resp: 3298

Ion Ratio Lower Upper

88 100

58 85.8 70.0 105.0

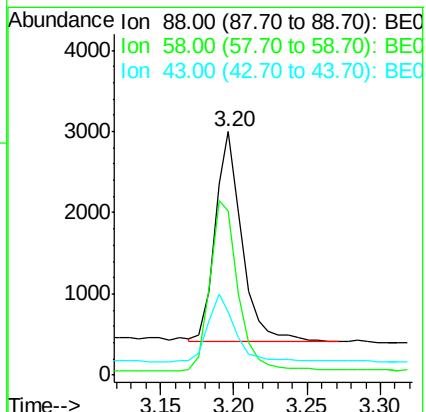
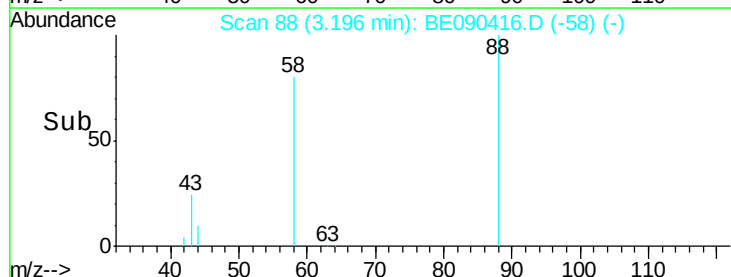
43 32.5 28.4 42.6

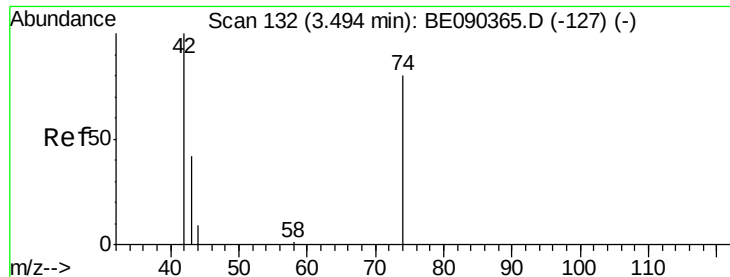


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 1.07 ng

RT: 3.49 min Scan# 131

Delta R.T. -0.01 min

Lab File: BE090416.D

Acq: 11 Aug 2015 00:27

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

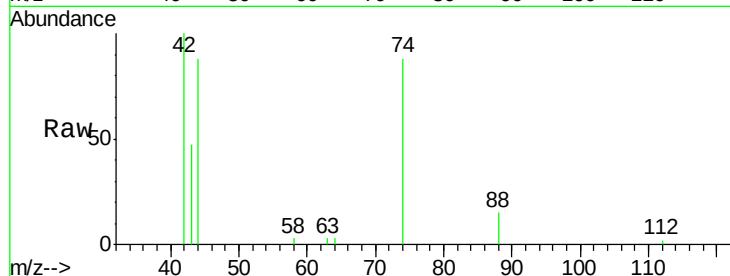
Tot Ion: 42 Resp: 4004

Ion Ratio Lower Upper

42 100

74 114.4 75.2 112.8#

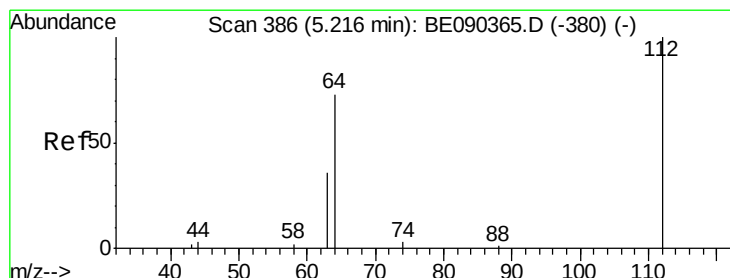
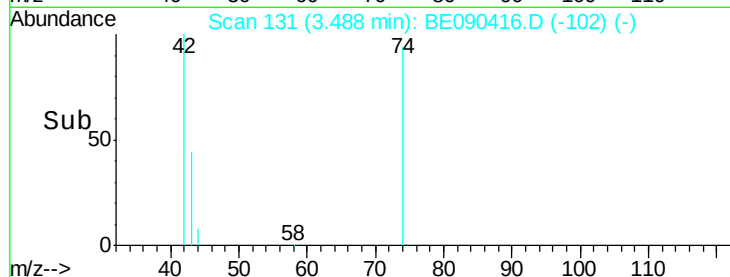
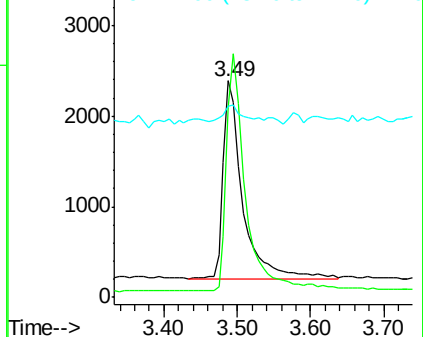
44 6.9 8.7 13.1#



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: 1.57 ng

RT: 5.22 min Scan# 386

Delta R.T. 0.00 min

Lab File: BE090416.D

Acq: 11 Aug 2015 00:27

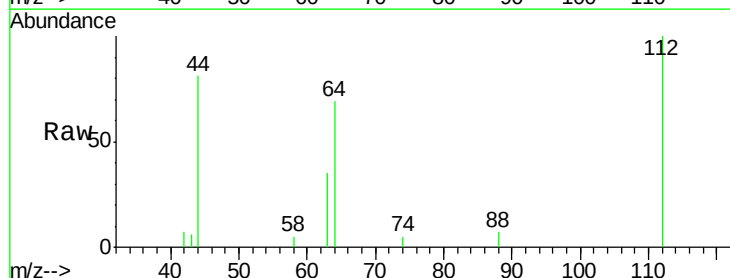
Tgt Ion: 112 Resp: 5707

Ion Ratio Lower Upper

112 100

64 70.6 37.1 55.7#

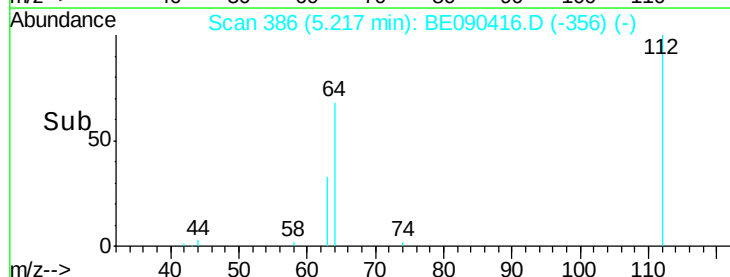
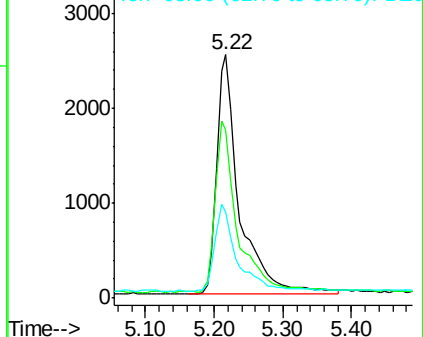
63 35.1 19.5 29.3#

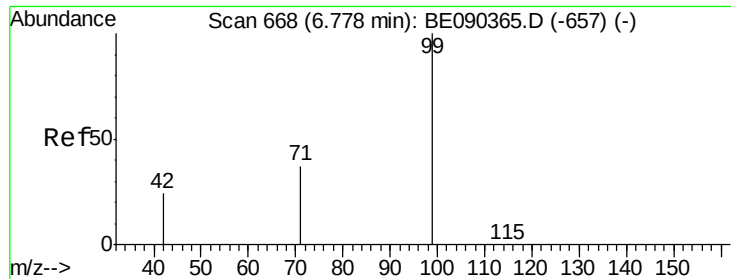


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 1.27 ng

RT: 6.77 min Scan# 667

Delta R.T. -0.01 min

Lab File: BE090416.D

Acq: 11 Aug 2015 00:27

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

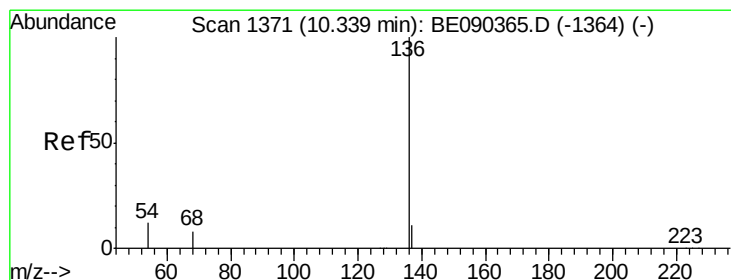
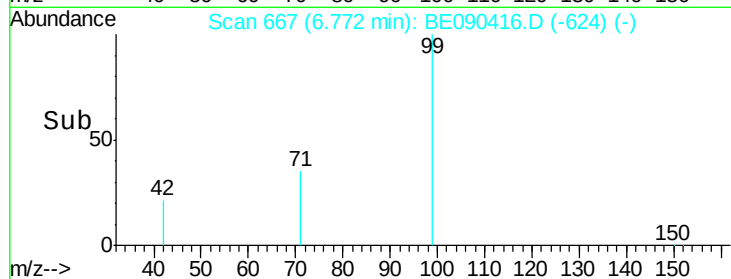
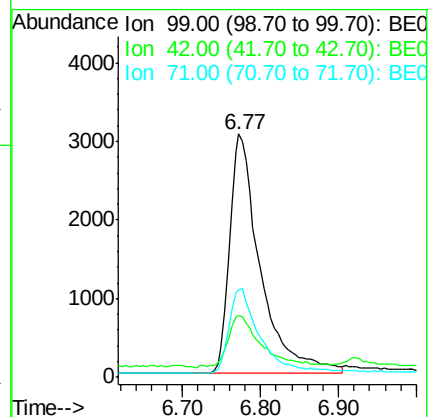
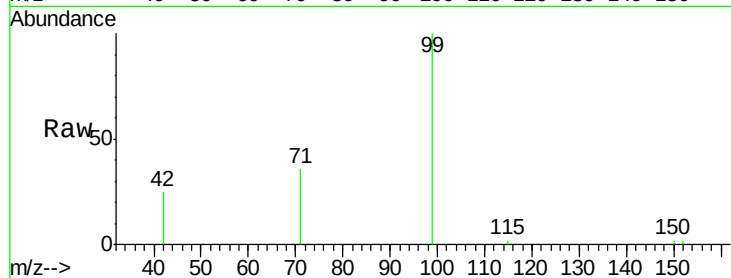
Tot Ion: 99 Resp: 8341

Ion Ratio Lower Upper

99 100

42 22.5 18.2 27.4

71 36.4 27.4 41.0



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.34 min Scan# 1371

Delta R.T. 0.00 min

Lab File: BE090416.D

Acq: 11 Aug 2015 00:27

Tgt Ion: 136 Resp: 113551

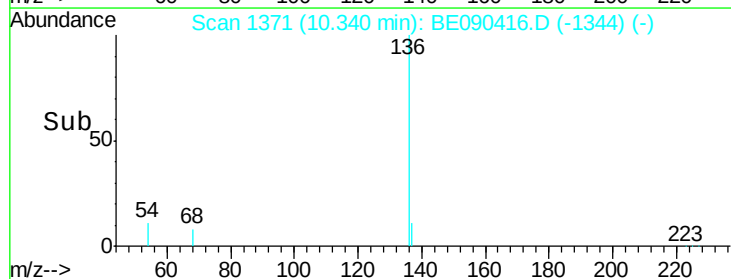
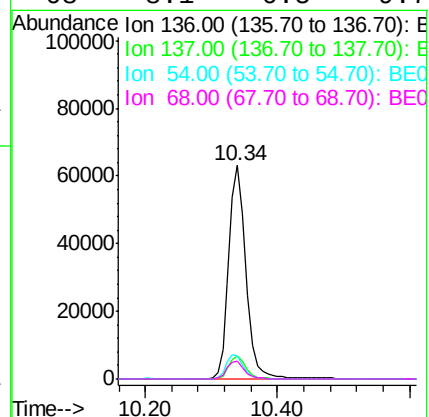
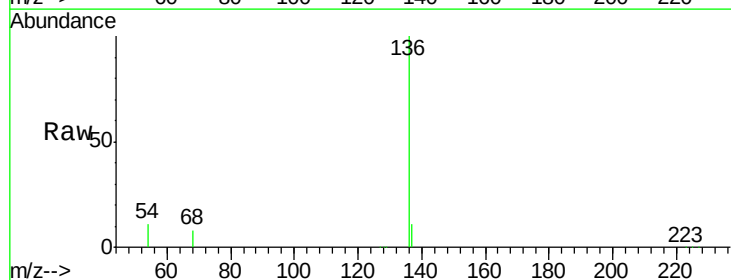
Ion Ratio Lower Upper

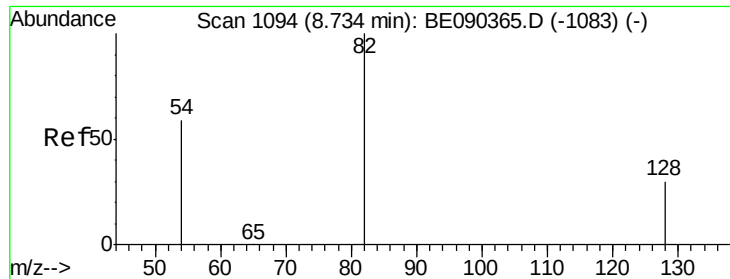
136 100

137 10.9 8.7 13.1

54 11.0 9.4 14.0

68 8.1 6.5 9.7





#7

Nitrobenzene-d5

Concen: 1.08 ng

RT: 8.73 min Scan# 1092

Delta R.T. -0.01 min

Lab File: BE090416.D

Acq: 11 Aug 2015 00:27

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

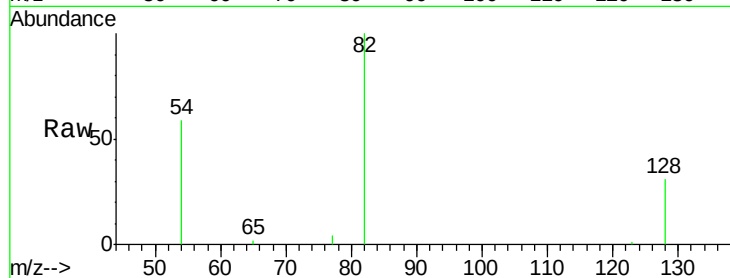
Tot Ion: 82 Resp: 8463

Ion Ratio Lower Upper

82 100

128 31.2 25.0 37.6

54 58.7 48.8 73.2



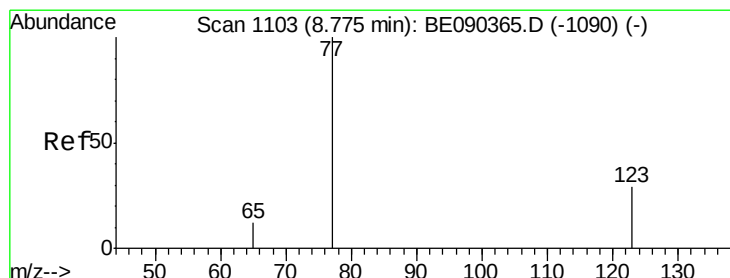
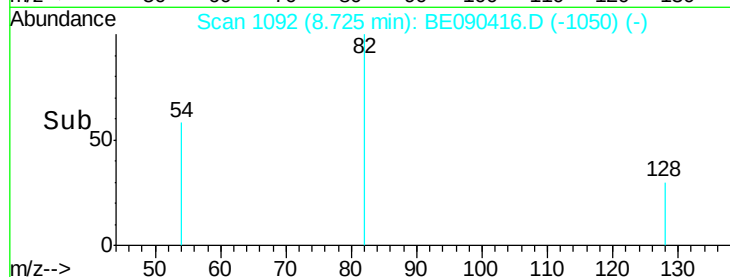
Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0

8.73

Time--> 8.60 8.70 8.80 8.90



#8

Nitrobenzene

Concen: 1.05 ng

RT: 8.77 min Scan# 1102

Delta R.T. -0.00 min

Lab File: BE090416.D

Acq: 11 Aug 2015 00:27

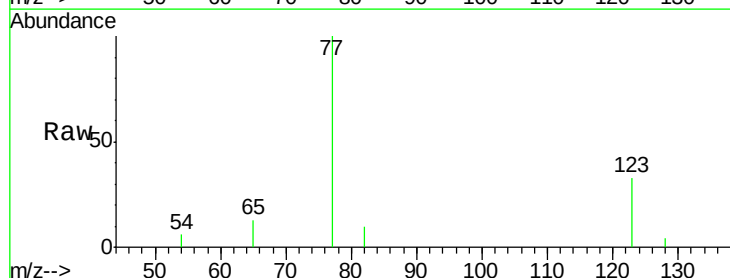
Tgt Ion: 77 Resp: 8649

Ion Ratio Lower Upper

77 100

123 33.3 25.1 37.7

65 12.6 9.3 13.9



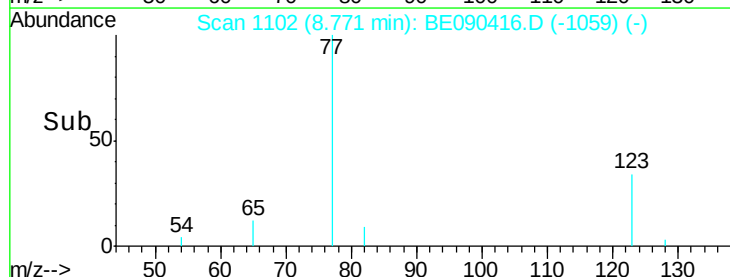
Abundance Ion 77.00 (76.70 to 77.70): BE0

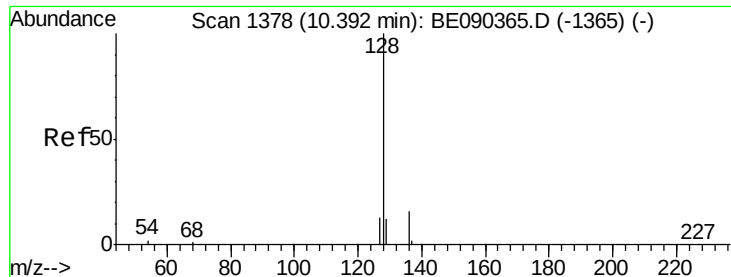
Ion 123.00 (122.70 to 123.70): BE0

Ion 65.00 (64.70 to 65.70): BE0

8.77

Time--> 8.70 8.80 8.90





#9

Naphthalene

Concen: 1.02 ng

RT: 10.38 min Scan# 1377

Delta R.T. -0.01 min

Lab File: BE090416.D

Acq: 11 Aug 2015 00:27

Instrument :

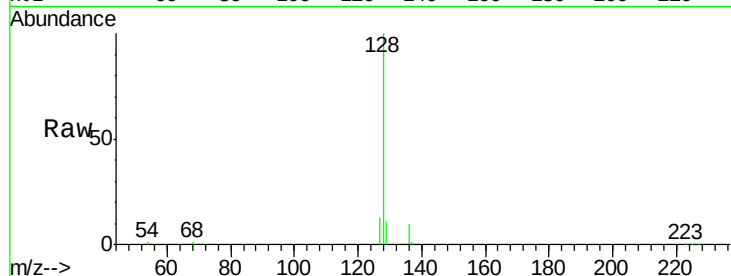
BNA_E

ClientSampleId :

SSTDCCC001

Tot Ion:128 Resp: 25560

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.8	14.6
127	12.9	10.6	16.0

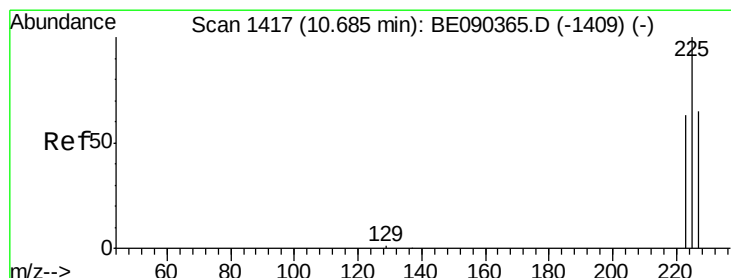
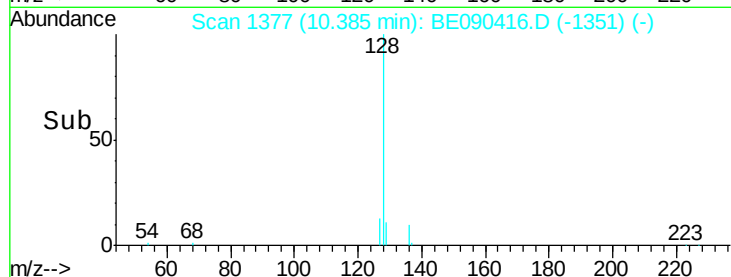
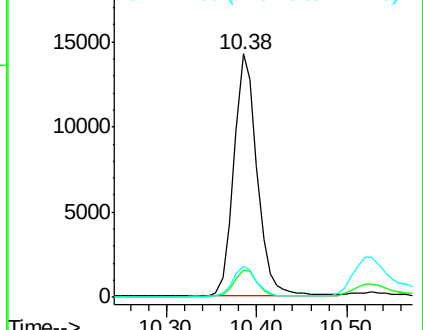


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 1.06 ng

RT: 10.69 min Scan# 1417

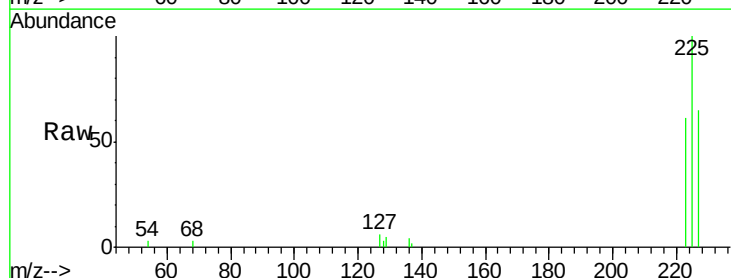
Delta R.T. 0.00 min

Lab File: BE090416.D

Acq: 11 Aug 2015 00:27

Tgt Ion:225 Resp: 4255

Ion	Ratio	Lower	Upper
225	100		
223	61.6	50.6	75.8
227	63.7	50.7	76.1

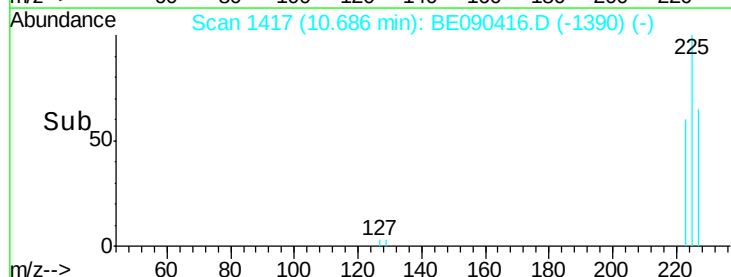
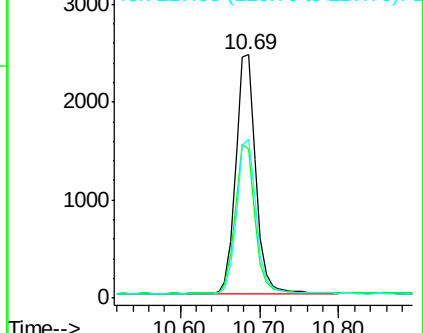


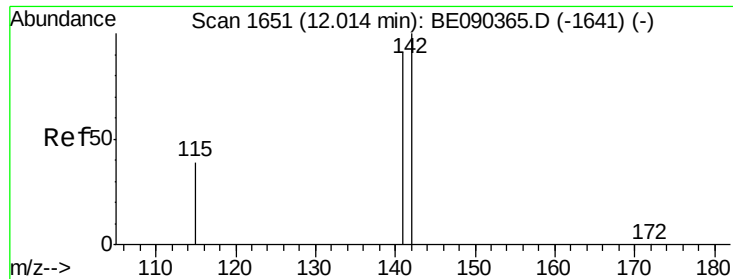
Abundance

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

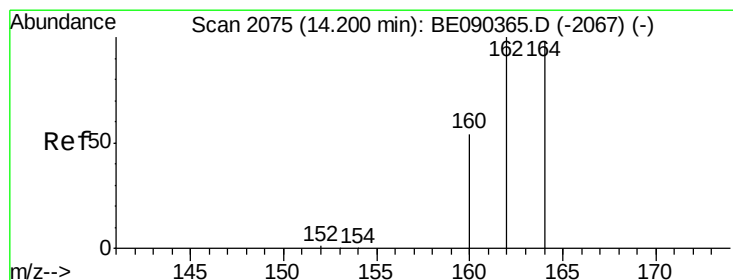
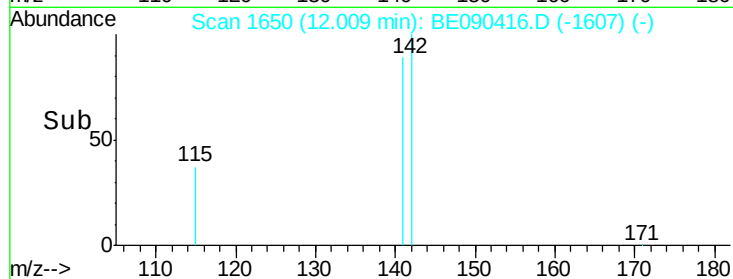
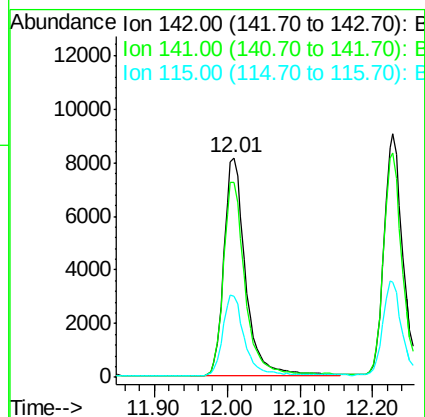
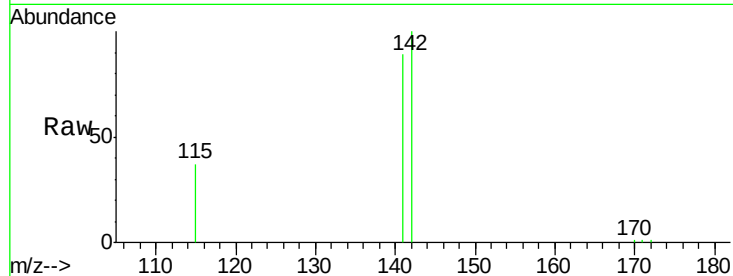




#11
2-Methylnaphthalene
Concen: 1.15 ng
RT: 12.01 min Scan# 1650
Delta R.T. -0.00 min
Lab File: BE090416.D
Acq: 11 Aug 2015 00:27

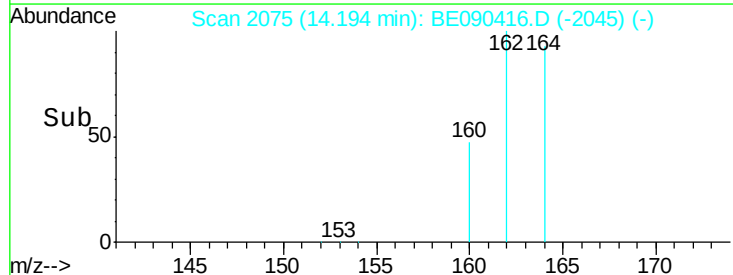
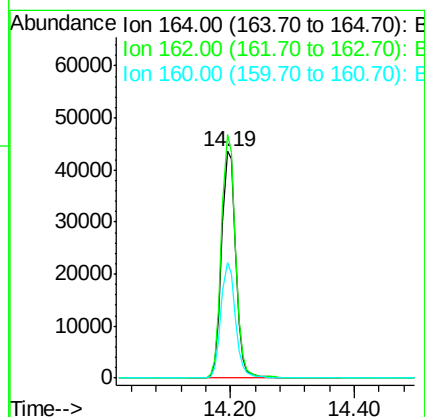
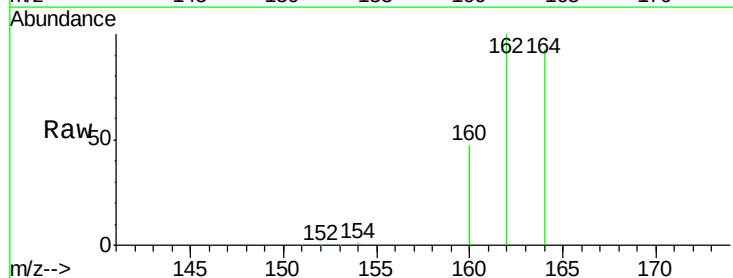
Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

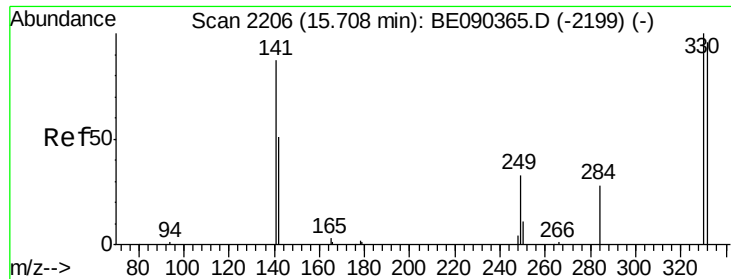
Tot Ion:142 Resp: 16794
Ion Ratio Lower Upper
142 100
141 88.7 72.6 109.0
115 37.0 31.6 47.4



#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.19 min Scan# 2075
Delta R.T. -0.01 min
Lab File: BE090416.D
Acq: 11 Aug 2015 00:27

Tgt Ion:164 Resp: 68296
Ion Ratio Lower Upper
164 100
162 107.4 81.8 122.8
160 50.9 44.2 66.4

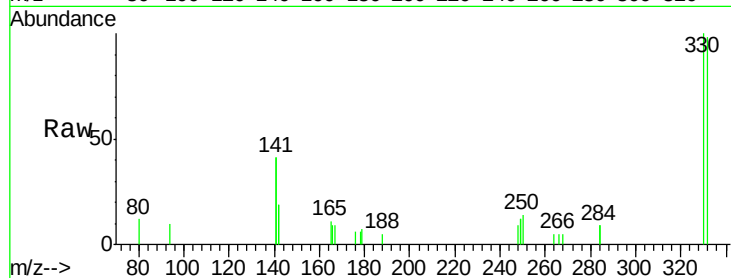




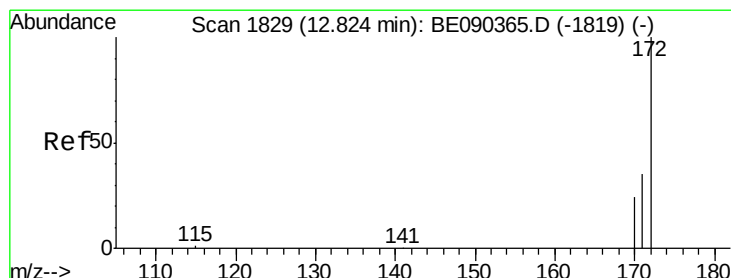
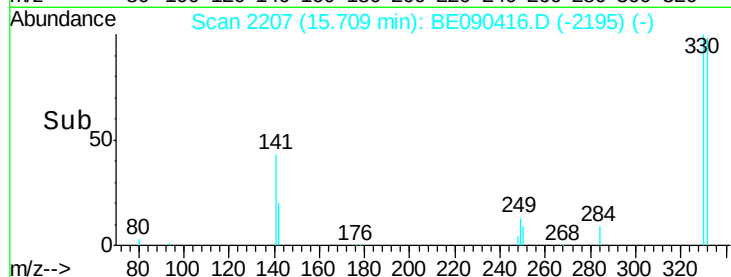
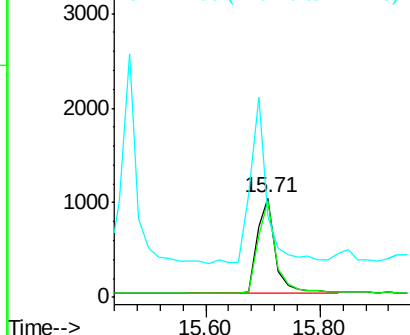
#13
 2,4,6-Tribromophenol
 Concen: 1.79 ng
 RT: 15.71 min Scan# 2207
 Delta R.T. 0.00 min
 Lab File: BE090416.D
 Acq: 11 Aug 2015 00:27

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001

Tot Ion:330 Resp: 2267
 Ion Ratio Lower Upper
 330 100
 332 95.8 75.8 113.6
 141 160.8 114.4 171.6

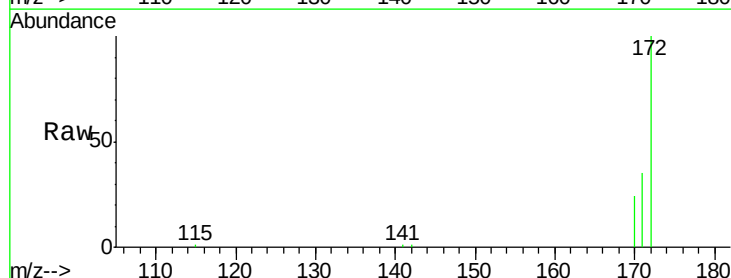


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

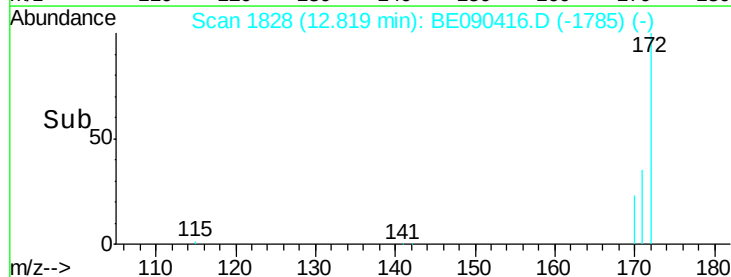
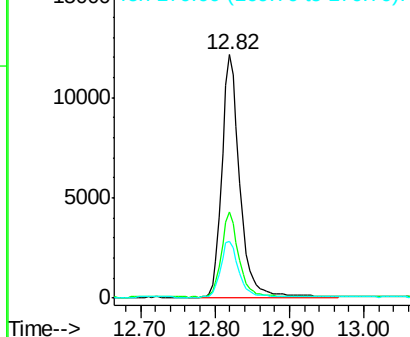


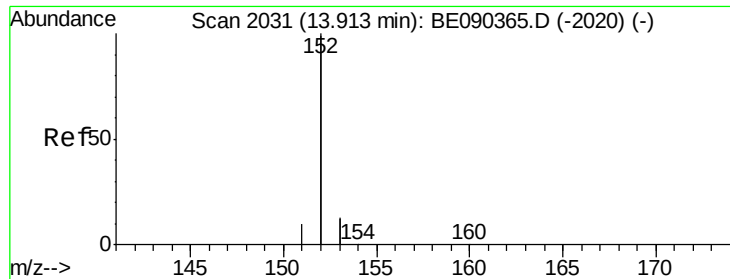
#14
 2-Fluorobiphenyl
 Concen: 1.07 ng
 RT: 12.82 min Scan# 1828
 Delta R.T. -0.00 min
 Lab File: BE090416.D
 Acq: 11 Aug 2015 00:27

Tgt Ion:172 Resp: 20011
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.5 42.7
 170 23.6 19.8 29.8



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#15

Acenaphthylene

Concen: 1.11 ng

RT: 13.91 min Scan# 2032

Delta R.T. 0.00 min

Lab File: BE090416.D

Acq: 11 Aug 2015 00:27

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

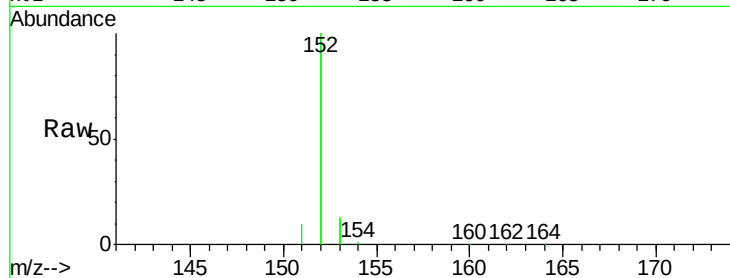
Tot Ion:152 Resp: 122687

Ion Ratio Lower Upper

152 100

151 4.9 3.8 5.8

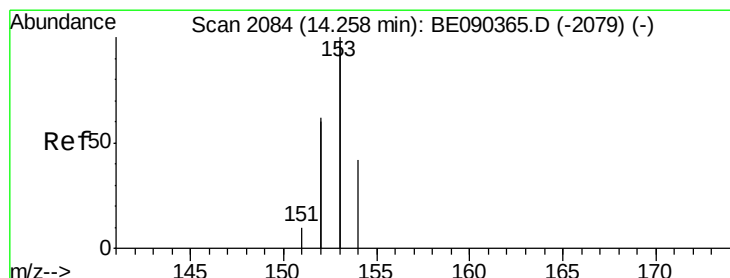
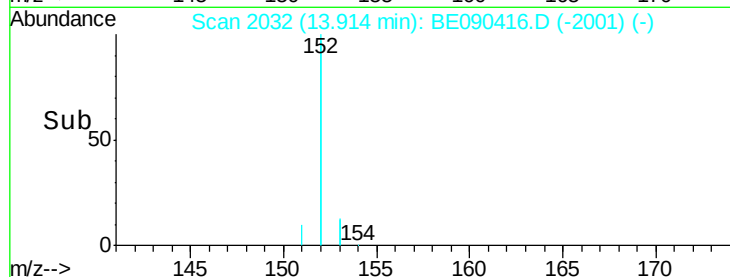
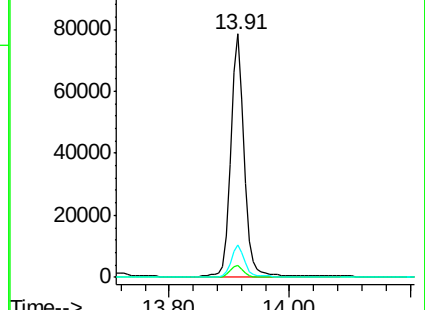
153 12.9 10.3 15.5



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: 14.26 min Scan# 2085

Delta R.T. 0.00 min

Lab File: BE090416.D

Acq: 11 Aug 2015 00:27

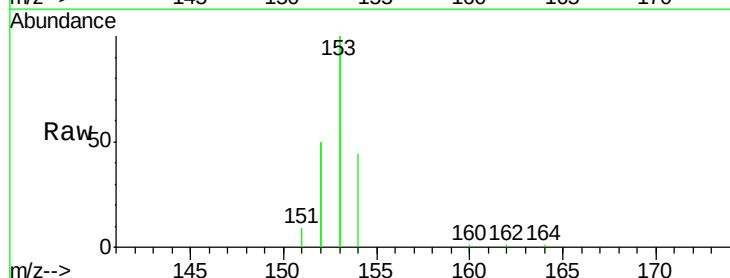
Tgt Ion:154 Resp: 17378

Ion Ratio Lower Upper

154 100

153 465.8 376.2 564.2

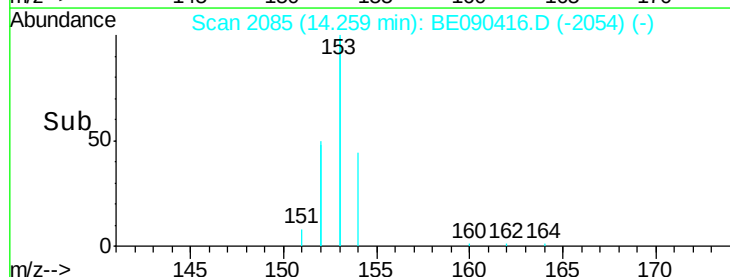
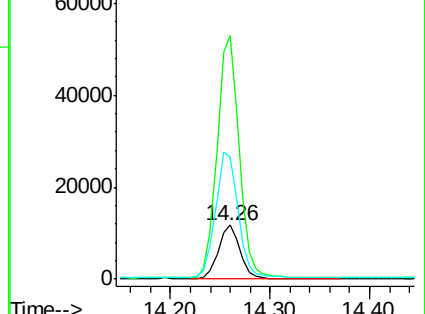
152 247.8 235.0 352.4

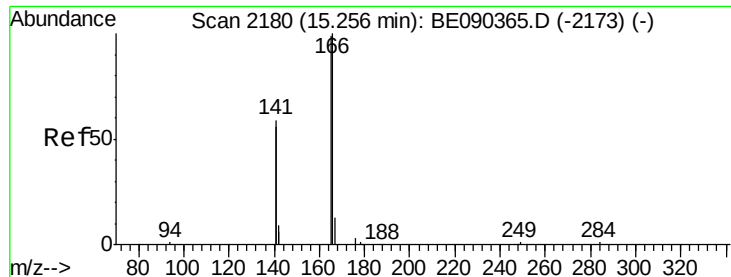


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



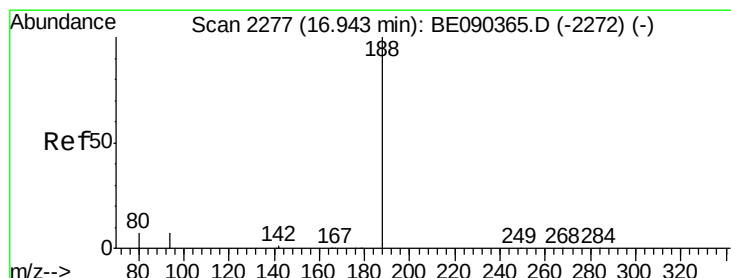
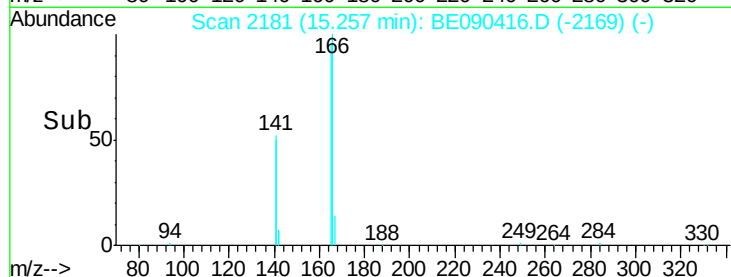
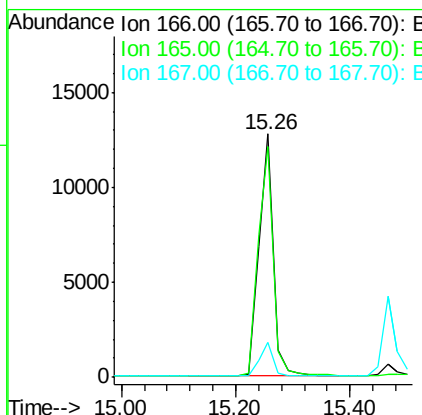
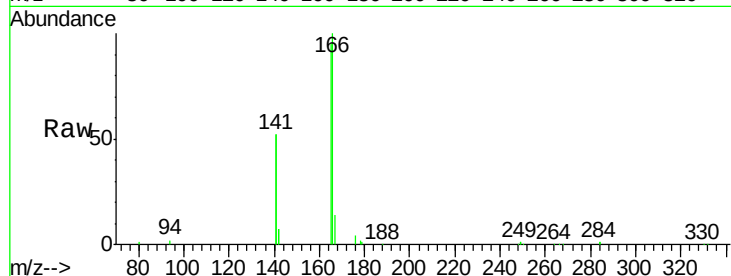


#17
Fluorene
 Concen: 1.02 ng
 RT: 15.26 min Scan# 2181
 Delta R.T. 0.00 min
 Lab File: BE090416.D
 Acq: 11 Aug 2015 00:27

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001

Tot Ion:166 Resp: 22785

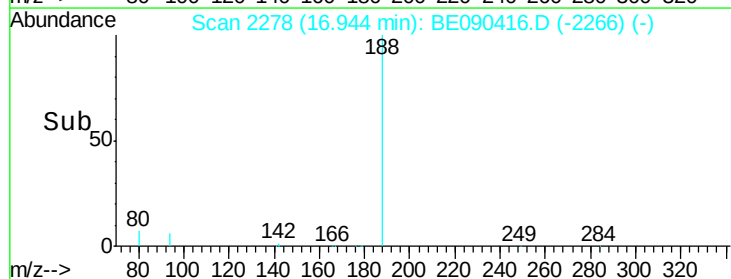
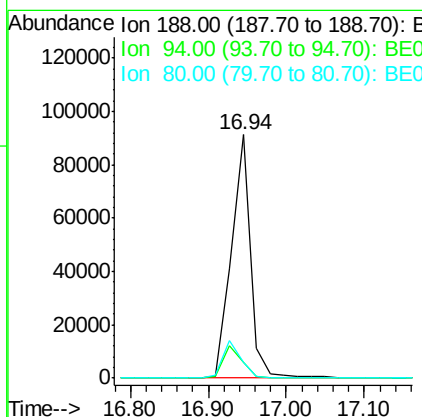
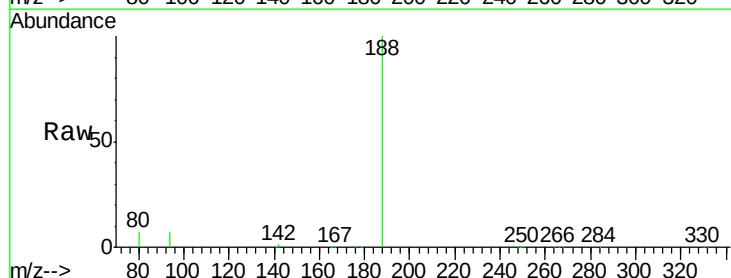
Ion	Ratio	Lower	Upper
166	100		
165	100.0	81.5	122.3
167	13.8	11.4	17.0

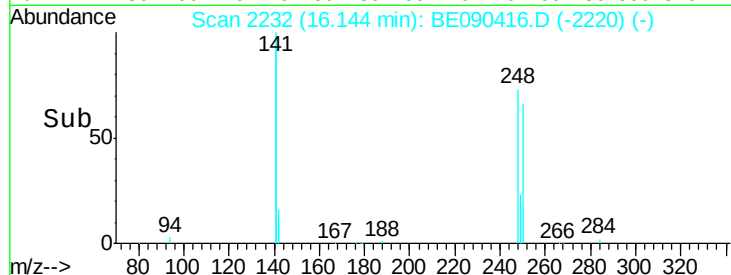
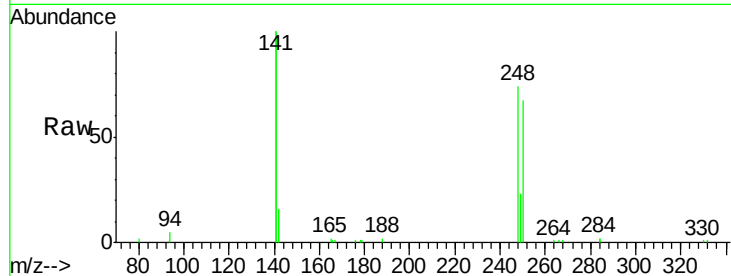
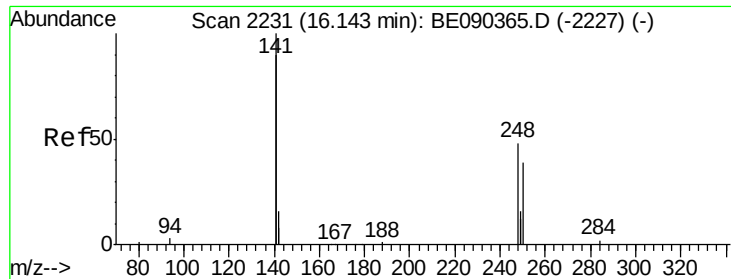


#18
Phenanthrene-d10
 Concen: 5.00 ng
 RT: 16.94 min Scan# 2278
 Delta R.T. 0.00 min
 Lab File: BE090416.D
 Acq: 11 Aug 2015 00:27

Tgt Ion:188 Resp: 154722

Ion	Ratio	Lower	Upper
188	100		
94	6.5	5.7	8.5
80	6.6	5.8	8.8

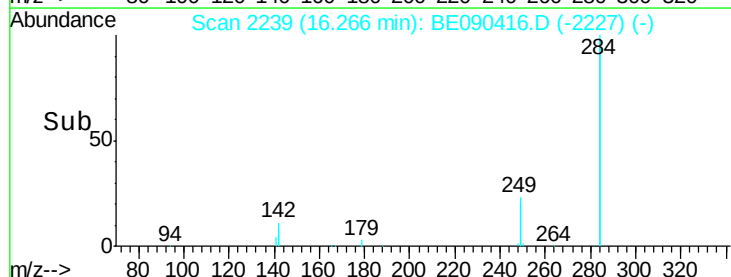
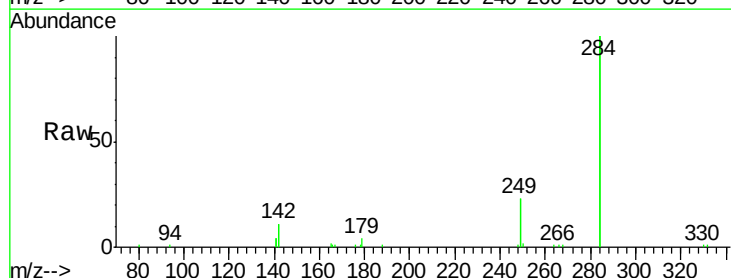
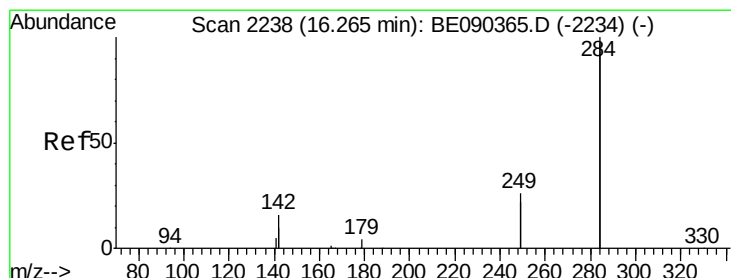
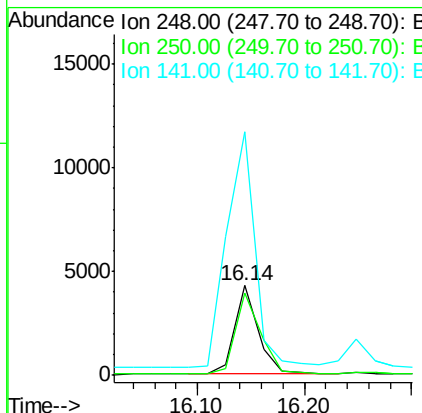




#19
4-Bromophenyl-phenylether
Concen: 1.08 ng
RT: 16.14 min Scan# 2232
Delta R.T. 0.00 min
Lab File: BE090416.D
Acq: 11 Aug 2015 00:27

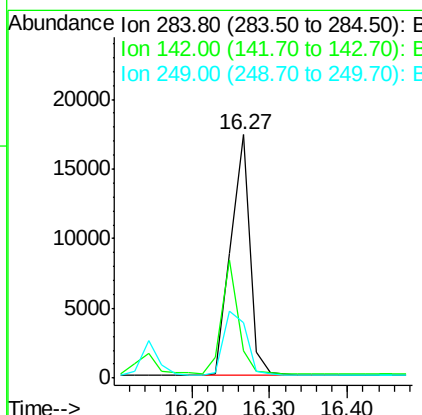
Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

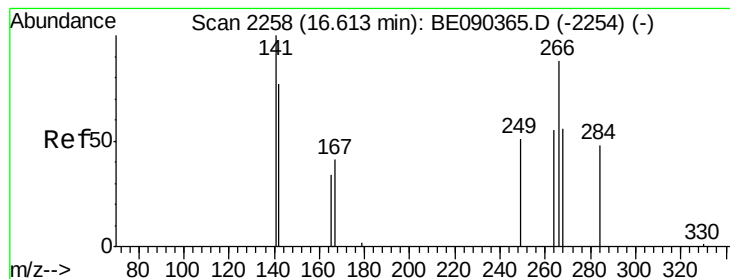
Tot Ion:248 Resp: 6496
Ion Ratio Lower Upper
248 100
250 98.0 79.0 118.6
141 315.9 239.5 359.3



#20
Hexachlorobenzene
Concen: 0.95 ng
RT: 16.27 min Scan# 2239
Delta R.T. 0.00 min
Lab File: BE090416.D
Acq: 11 Aug 2015 00:27

Tgt Ion:284 Resp: 29425
Ion Ratio Lower Upper
284 100
142 40.1 30.1 45.1
249 31.2 25.7 38.5





#21

Pentachlorophenol

Concen: 1.21 ng

RT: 16.61 min Scan# 2259

Delta R.T. 0.00 min

Lab File: BE090416.D

Acq: 11 Aug 2015 00:27

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

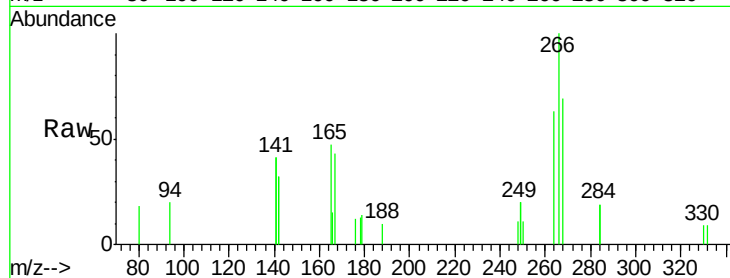
Tot Ion:266 Resp: 1272

Ion Ratio Lower Upper

266 100

268 69.4 58.5 87.7

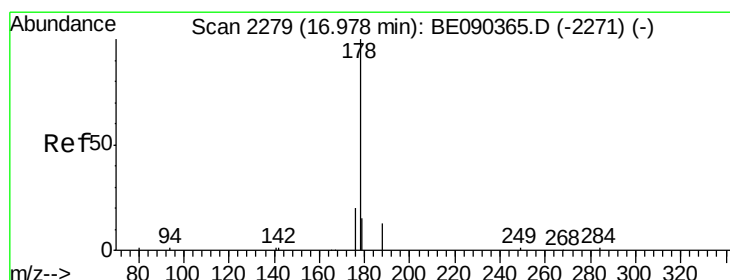
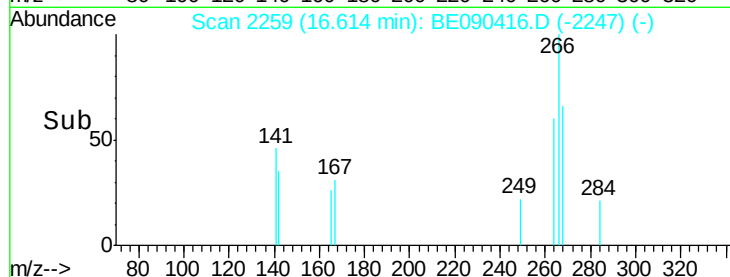
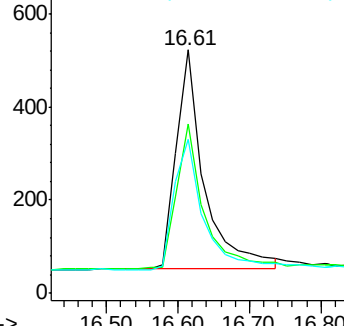
264 63.3 56.0 84.0



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: 1.05 ng

RT: 16.98 min Scan# 2280

Delta R.T. 0.00 min

Lab File: BE090416.D

Acq: 11 Aug 2015 00:27

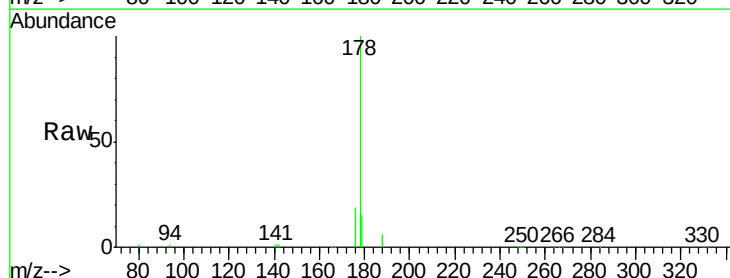
Tgt Ion:178 Resp: 40536

Ion Ratio Lower Upper

178 100

176 18.9 15.4 23.2

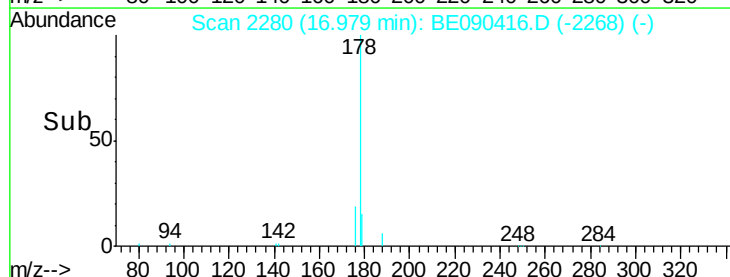
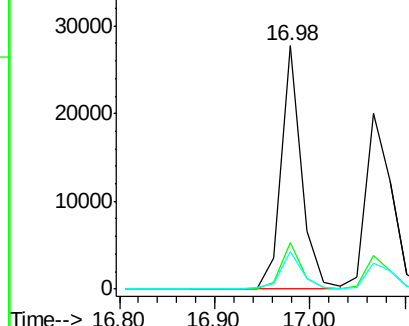
179 15.6 12.5 18.7

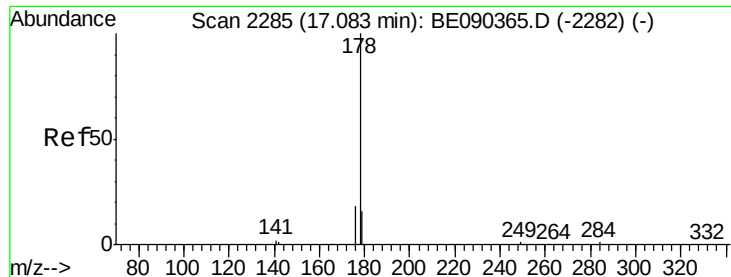


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#23

Anthracene

Concen: 1.18 ng

RT: 17.07 min Scan# 2285

Delta R.T. -0.02 min

Lab File: BE090416.D

Acq: 11 Aug 2015 00:27

Instrument :

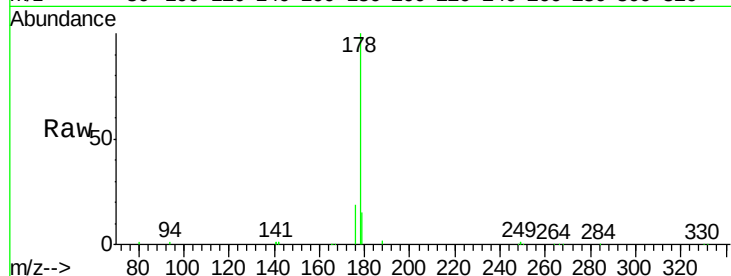
BNA_E

ClientSampleId :

SSTDCCC001

Tot Ion:178 Resp: 37433

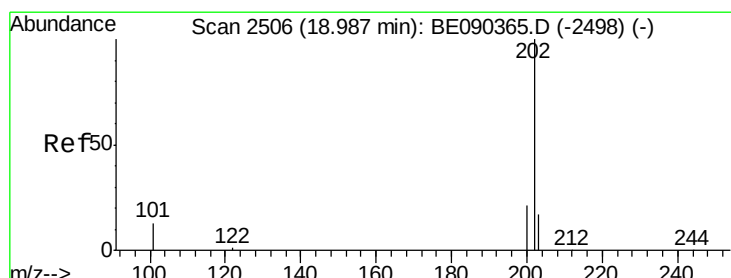
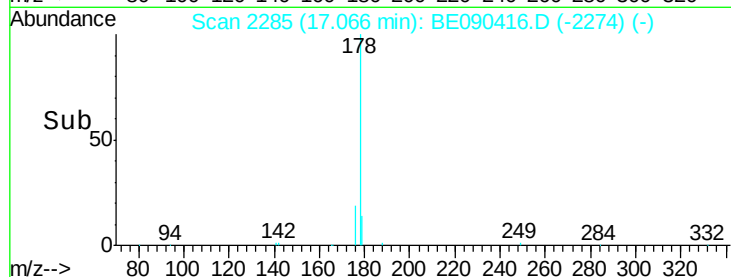
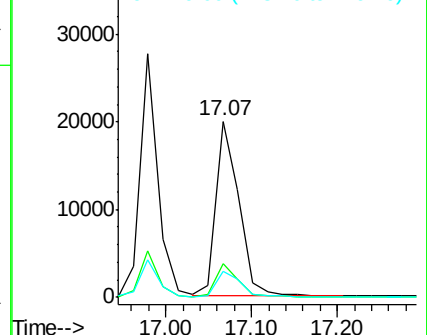
Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.9	22.3
179	14.9	12.2	18.4



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: 1.17 ng

RT: 18.99 min Scan# 2507

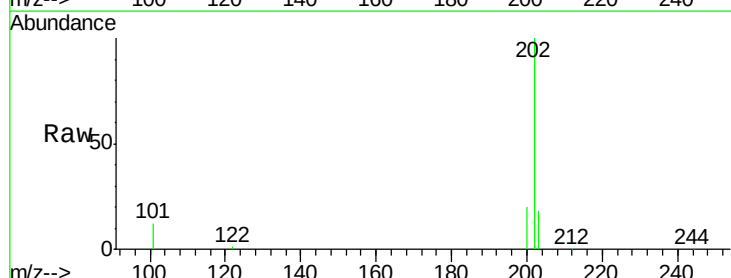
Delta R.T. 0.00 min

Lab File: BE090416.D

Acq: 11 Aug 2015 00:27

Tgt Ion:202 Resp: 44490

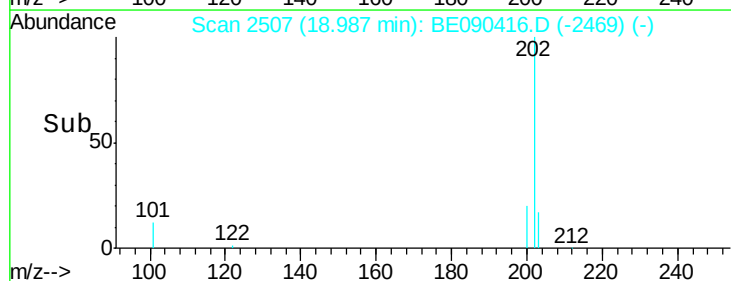
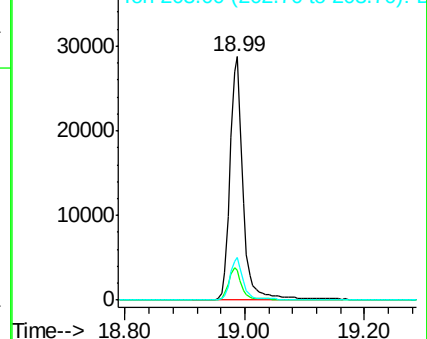
Ion	Ratio	Lower	Upper
202	100		
101	13.2	10.3	15.5
203	17.4	13.7	20.5

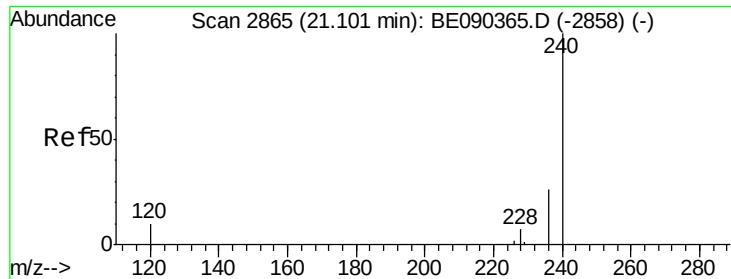


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.09 min Scan# 2864

Delta R.T. -0.01 min

Lab File: BE090416.D

Acq: 11 Aug 2015 00:27

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

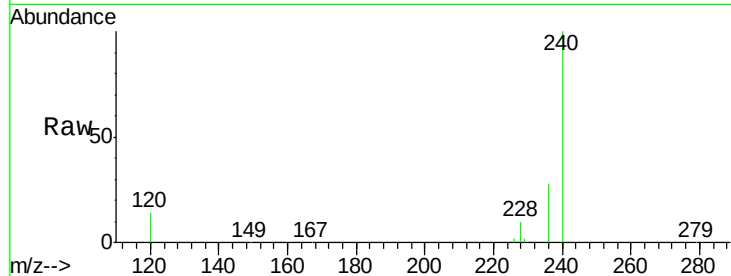
Tot Ion:240 Resp: 181816

Ion Ratio Lower Upper

240 100

120 14.5 8.3 12.5#

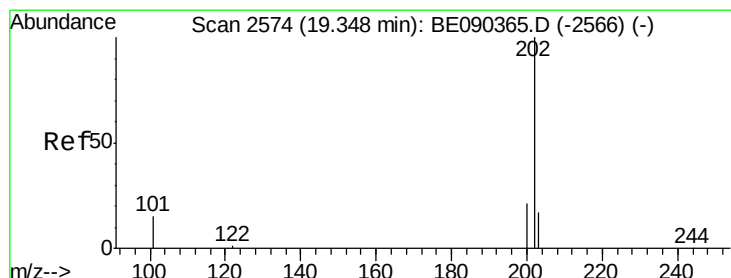
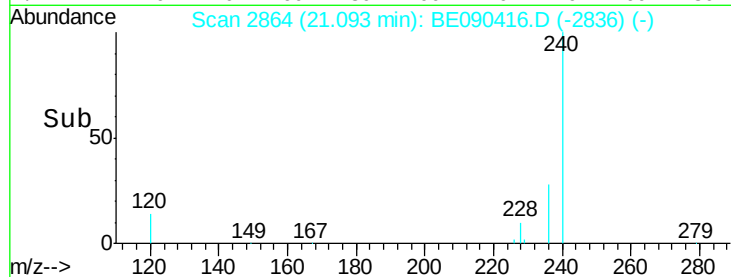
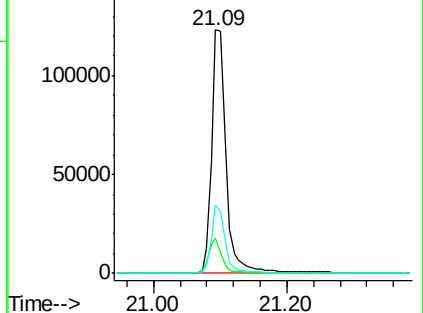
236 28.0 21.0 31.4



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: 1.17 ng

RT: 19.35 min Scan# 2575

Delta R.T. 0.00 min

Lab File: BE090416.D

Acq: 11 Aug 2015 00:27

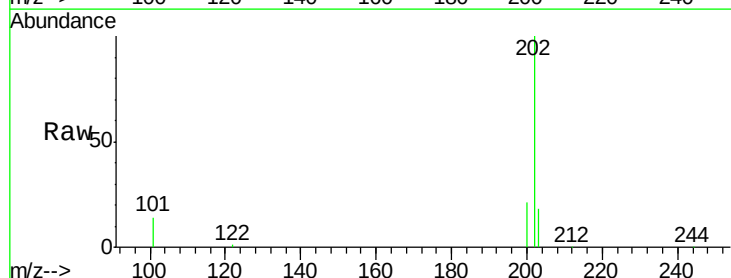
Tgt Ion:202 Resp: 45987

Ion Ratio Lower Upper

202 100

200 20.9 16.7 25.1

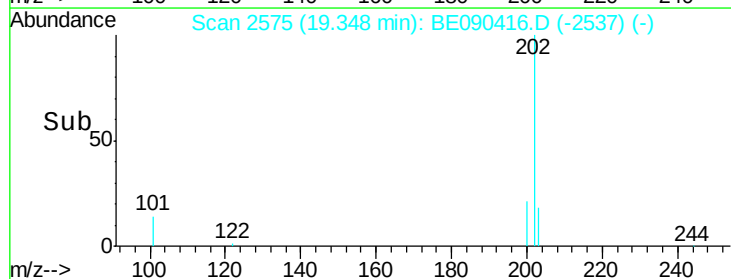
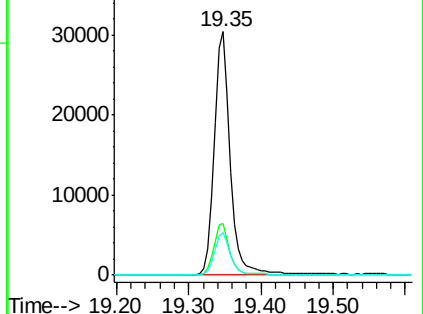
203 17.4 13.8 20.8

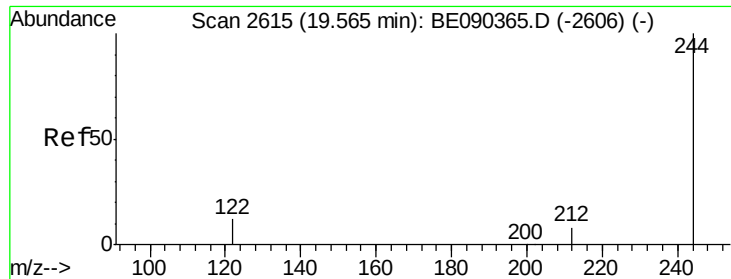


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

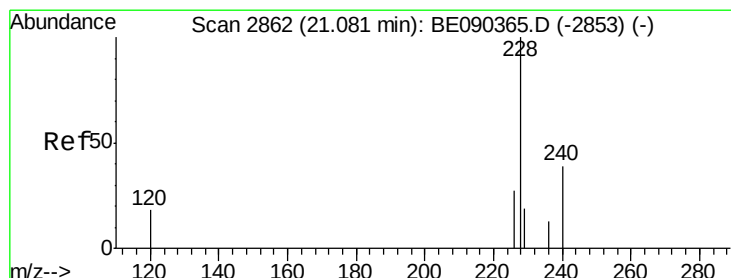
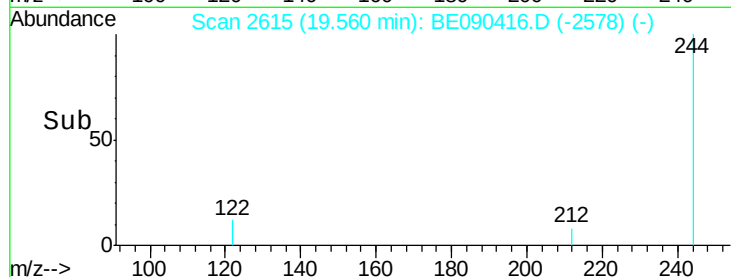
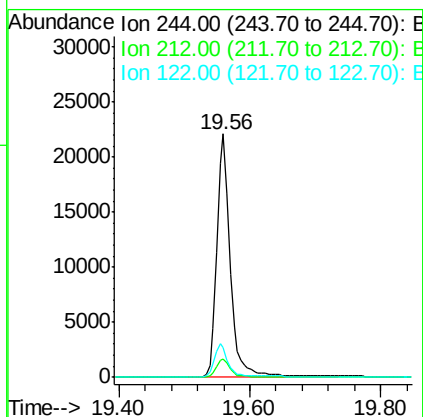
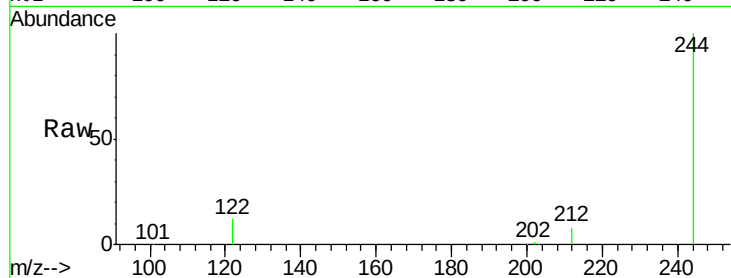




#27
 Terphenyl-d14
 Concen: 1.18 ng
 RT: 19.56 min Scan# 2615
 Delta R.T. -0.01 min
 Lab File: BE090416.D
 Acq: 11 Aug 2015 00:27

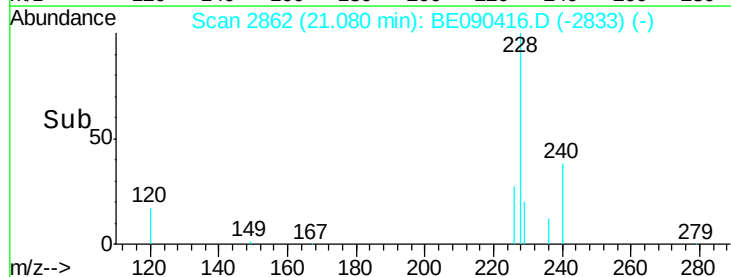
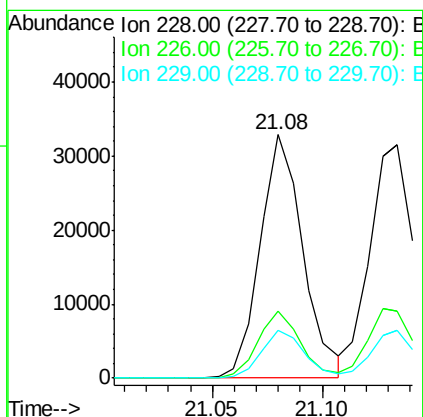
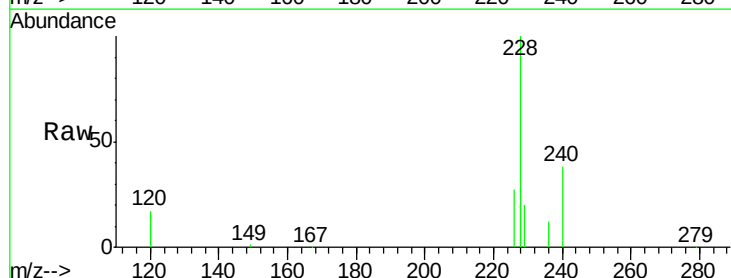
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001

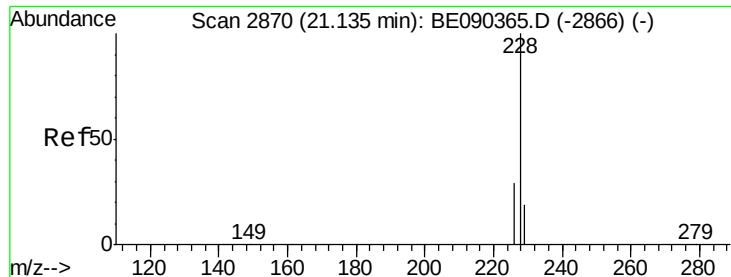
Tot Ion:244 Resp: 31534
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.6 9.8
 122 12.2 10.2 15.4



#28
 Benzo(a)anthracene
 Concen: 1.10 ng
 RT: 21.08 min Scan# 2862
 Delta R.T. -0.00 min
 Lab File: BE090416.D
 Acq: 11 Aug 2015 00:27

Tgt Ion:228 Resp: 44282
 Ion Ratio Lower Upper
 228 100
 226 27.4 21.9 32.9
 229 19.7 15.4 23.0





#29

Chrysene

Concen: 1.04 ng

RT: 21.13 min Scan# 2870

Delta R.T. -0.00 min

Lab File: BE090416.D

Acq: 11 Aug 2015 00:27

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

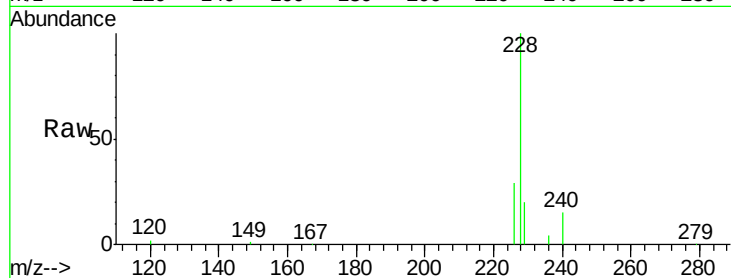
Tot Ion:228 Resp: 50431

Ion Ratio Lower Upper

228 100

226 28.9 23.1 34.7

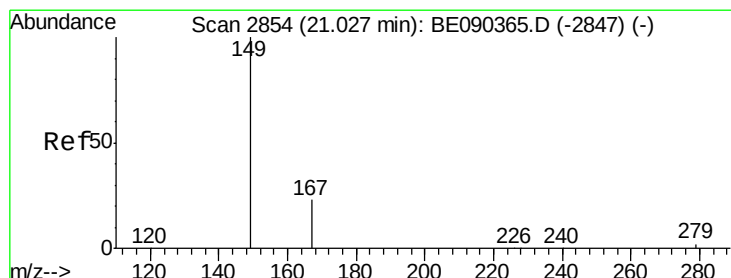
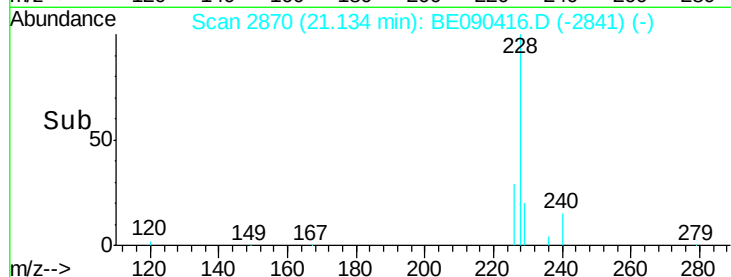
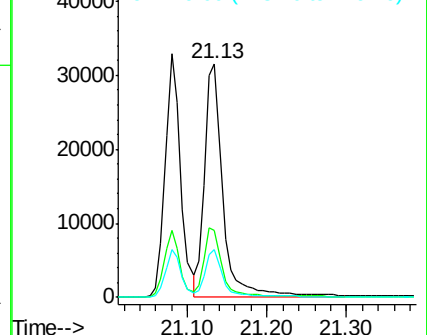
229 20.5 15.8 23.8



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: 1.58 ng

RT: 21.03 min Scan# 2854

Delta R.T. -0.00 min

Lab File: BE090416.D

Acq: 11 Aug 2015 00:27

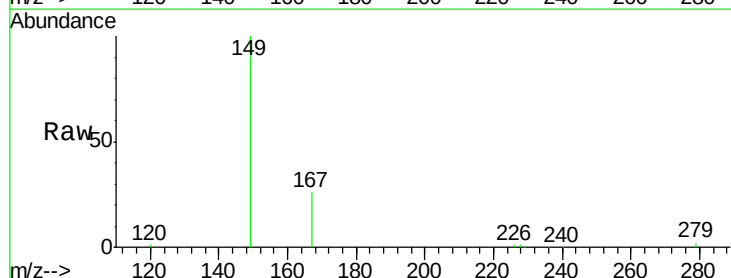
Tgt Ion:149 Resp: 16211

Ion Ratio Lower Upper

149 100

167 26.0 19.8 29.8

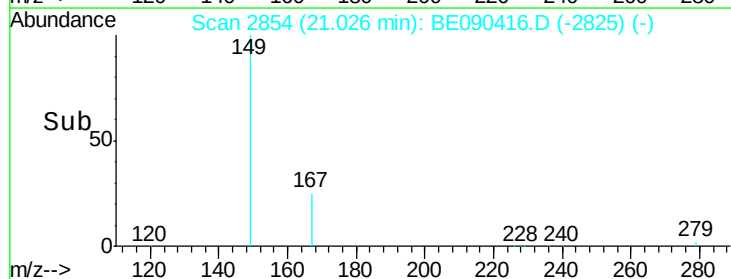
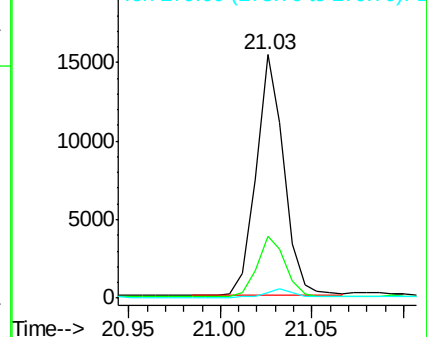
279 3.2 2.4 3.6

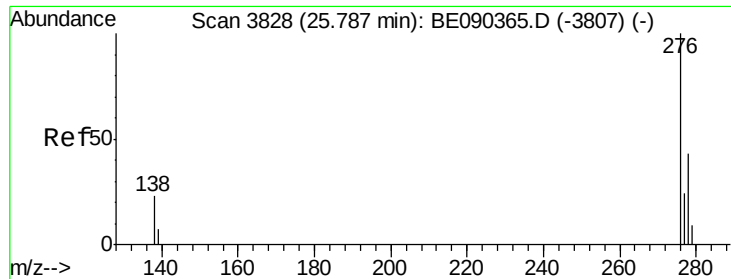


Abundance Ion 149.00 (148.70 to 149.70): E

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: 1.20 ng

RT: 25.78 min Scan# 3828

Delta R.T. -0.01 min

Lab File: BE090416.D

Acq: 11 Aug 2015 00:27

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

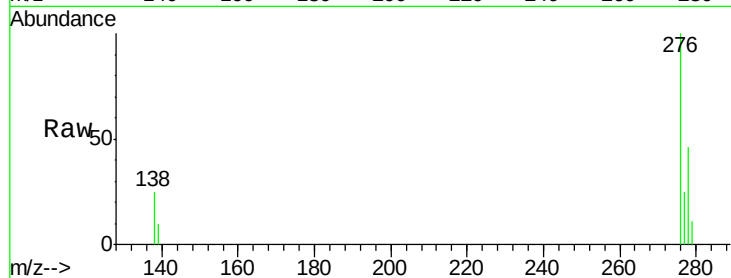
Tot Ion:276 Resp: 43881

Ion Ratio Lower Upper

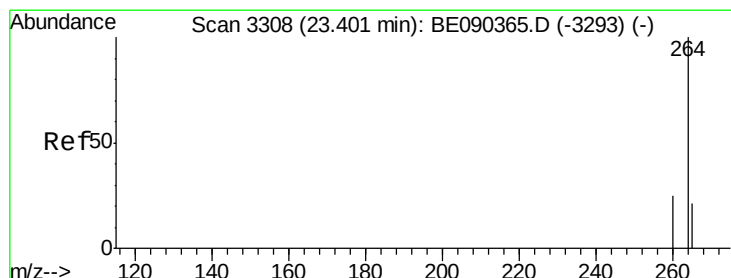
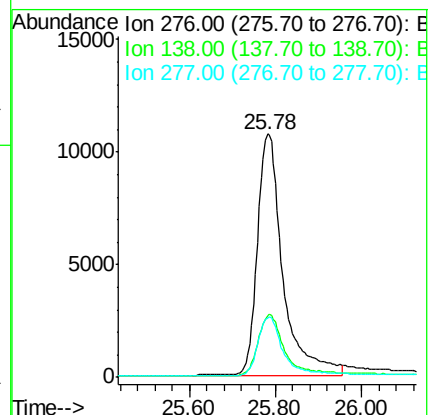
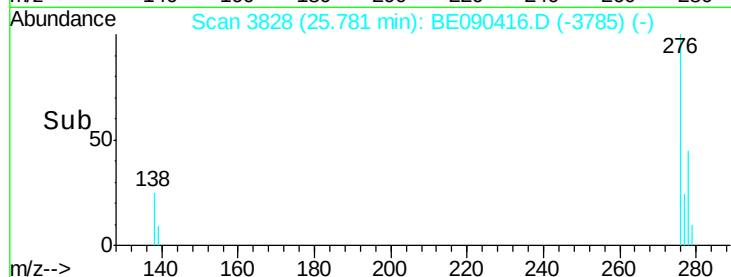
276 100

138 26.1 18.8 28.2

277 24.7 18.2 27.4



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: 23.40 min Scan# 3308

Delta R.T. -0.00 min

Lab File: BE090416.D

Acq: 11 Aug 2015 00:27

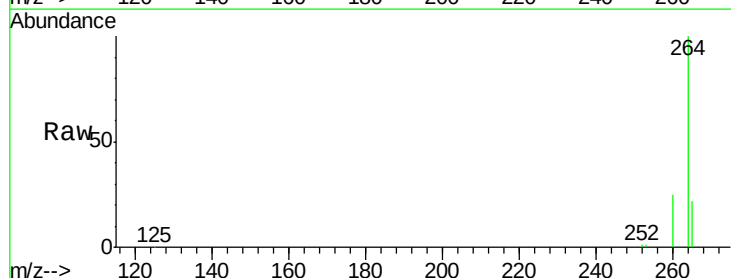
Tgt Ion:264 Resp: 168073

Ion Ratio Lower Upper

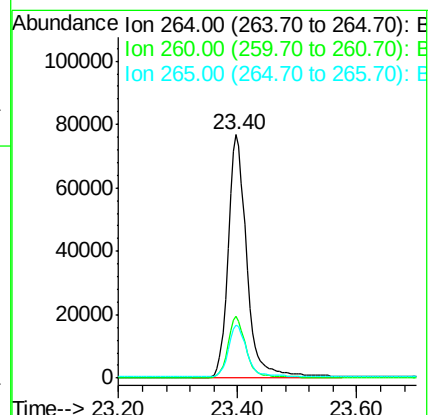
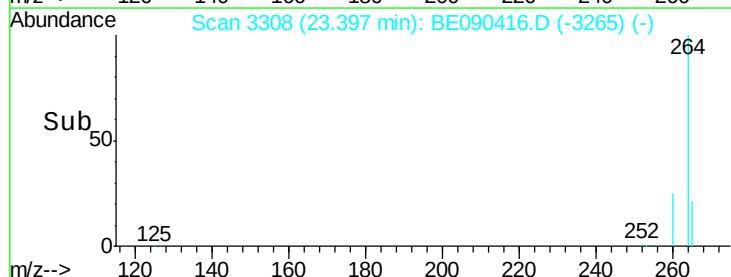
264 100

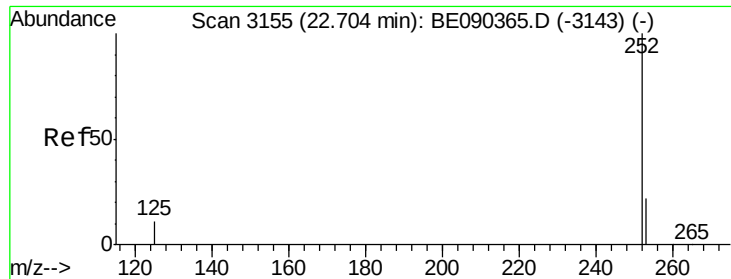
260 25.2 20.1 30.1

265 21.7 17.2 25.8



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: 1.12 ng

RT: 22.70 min Scan# 3154

Delta R.T. -0.01 min

Lab File: BE090416.D

Acq: 11 Aug 2015 00:27

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

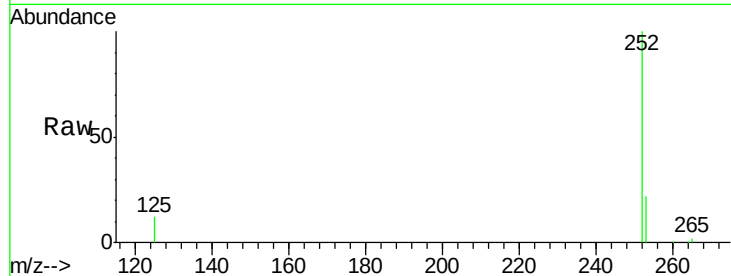
Tot Ion:252 Resp: 36699

Ion Ratio Lower Upper

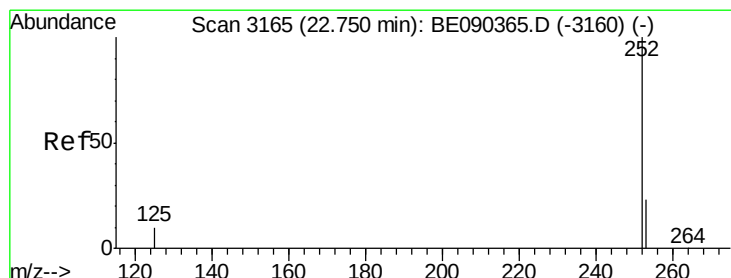
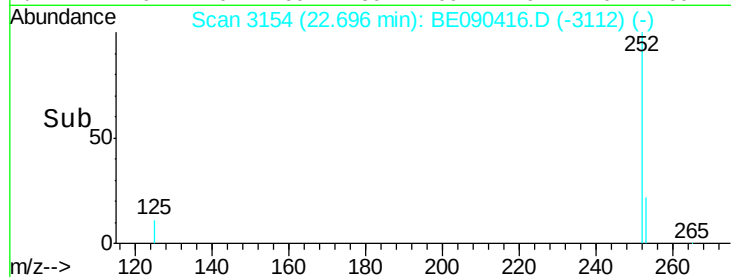
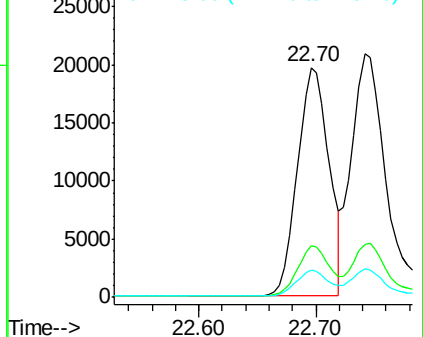
252 100

253 22.2 18.1 27.1

125 11.6 9.4 14.2



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: 1.01 ng m

RT: 22.74 min Scan# 3164

Delta R.T. -0.01 min

Lab File: BE090416.D

Acq: 11 Aug 2015 00:27

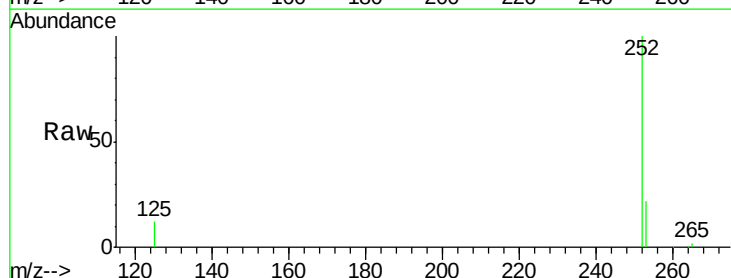
Tgt Ion:252 Resp: 47363

Ion Ratio Lower Upper

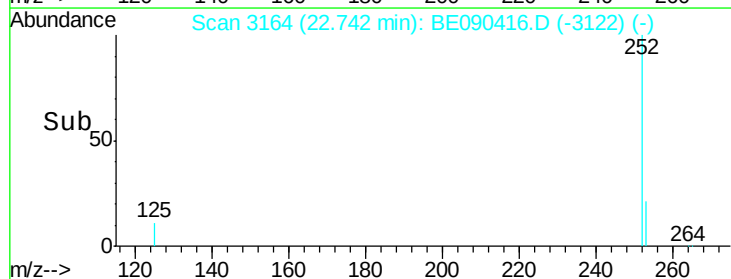
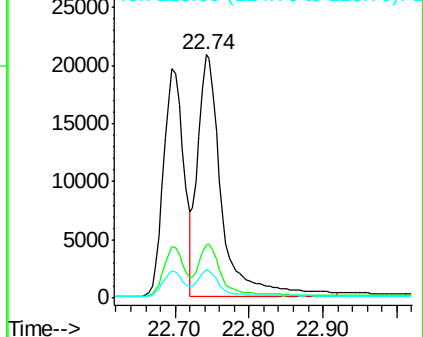
252 100

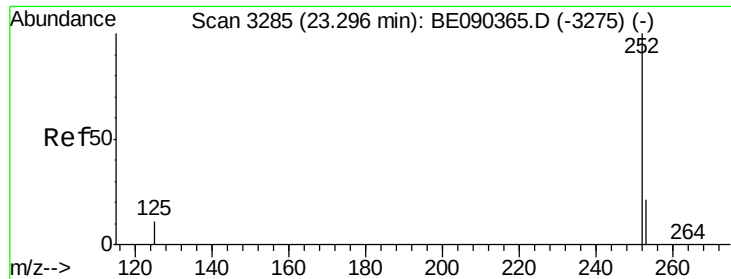
253 21.9 18.1 27.1

125 11.9 9.1 13.7



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: 1.14 ng

RT: 23.29 min Scan# 3285

Delta R.T. -0.00 min

Lab File: BE090416.D

Acq: 11 Aug 2015 00:27

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

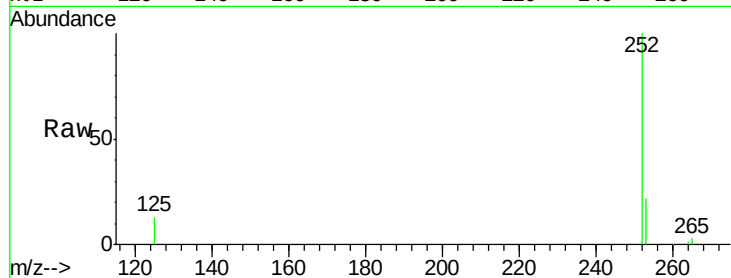
Tot Ion:252 Resp: 34470

Ion Ratio Lower Upper

252 100

253 22.5 17.6 26.4

125 13.1 9.8 14.6

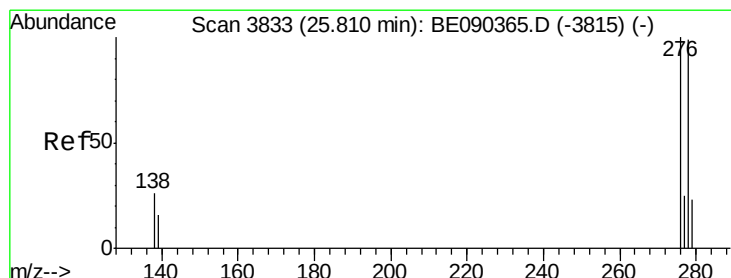
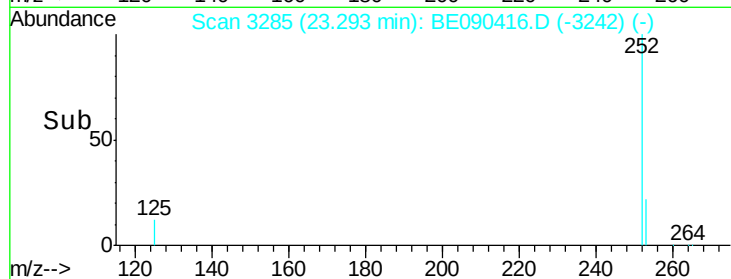
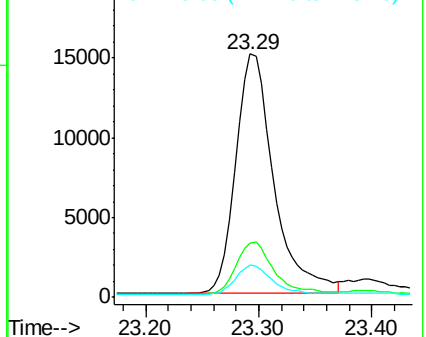


Abundance

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: 1.20 ng

RT: 25.80 min Scan# 3833

Delta R.T. -0.01 min

Lab File: BE090416.D

Acq: 11 Aug 2015 00:27

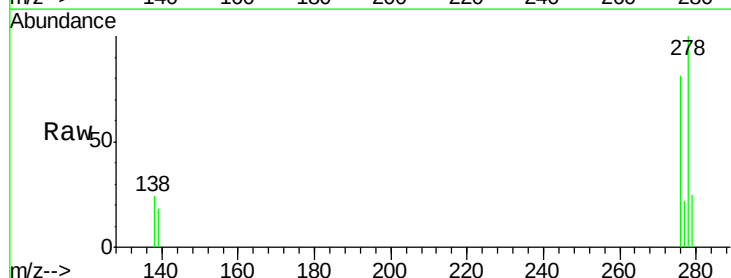
Tgt Ion:278 Resp: 34081

Ion Ratio Lower Upper

278 100

139 17.6 14.2 21.4

279 24.8 20.1 30.1

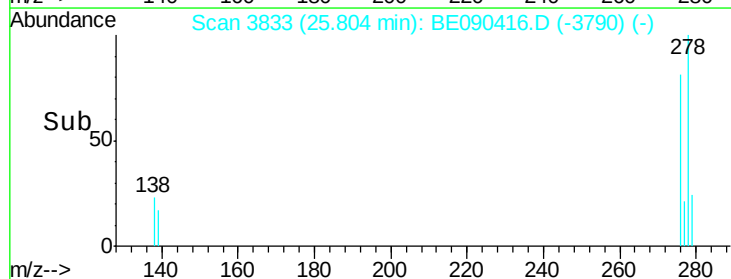
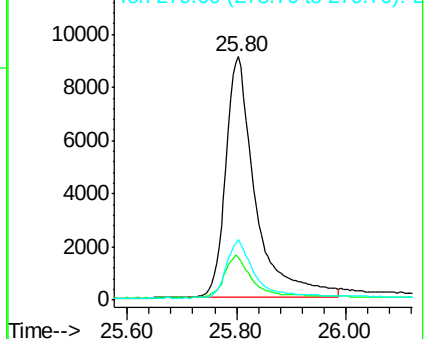


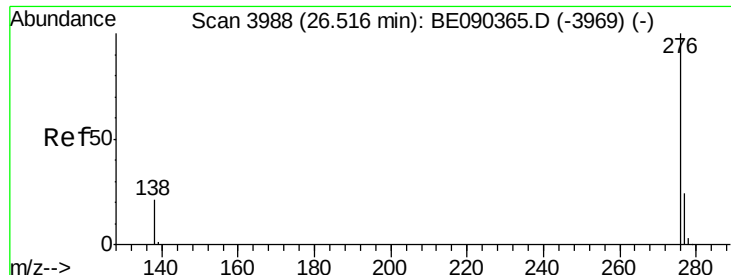
Abundance

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: 1.21 ng

RT: 26.51 min Scan# 3987

Delta R.T. -0.01 min

Lab File: BE090416.D

Acq: 11 Aug 2015 00:27

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

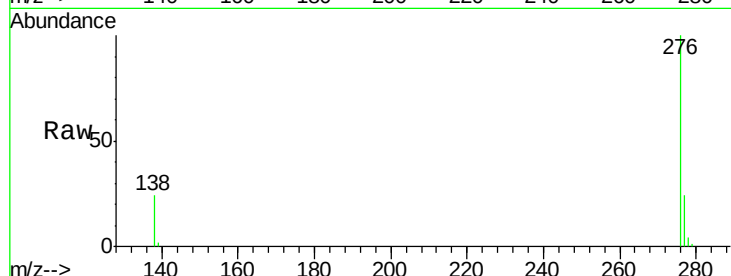
Tot Ion: 276 Resp: 37443

Ion Ratio Lower Upper

276 100

277 23.7 20.1 30.1

138 24.2 18.1 27.1



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

