

Data Path : Z:\HPCHEM1\BNA E\DATA\BE080315\
 Data File : BE090319.D
 Acq On : 3 Aug 2015 21:13
 Operator : TP/UM
 Sample : SSTDICC0.5
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.5

Quant Time: Aug 04 01:36:21 2015
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE080315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 04 01:38:34 2015
 Response via : Initial Calibration

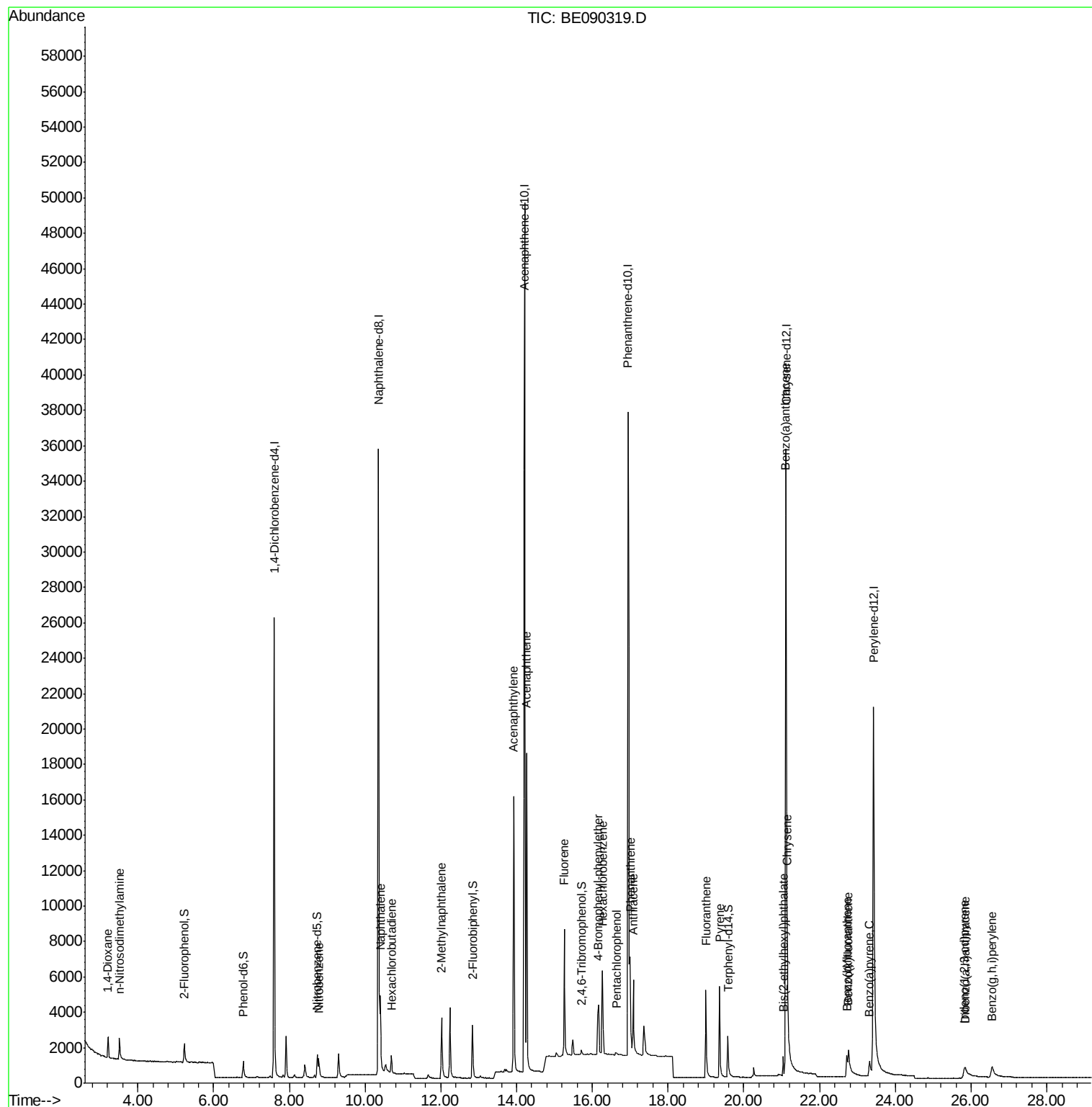
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	13098	5.00	ng	0.00
6) Naphthalene-d8	10.35	136	53054	5.00	ng	0.00
12) Acenaphthene-d10	14.21	164	27299	5.00	ng	0.00
18) Phenanthrene-d10	16.94	188	58704	5.00	ng	0.00
25) Chrysene-d12	21.11	240	47448	5.00	ng	0.00
32) Perylene-d12	23.42	264	40542	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.23	112	1124	0.44	ng	0.00
5) Phenol-d6	6.78	99	1368	0.46	ng	0.00
7) Nitrobenzene-d5	8.74	82	1419	0.44	ng	0.00
13) 2,4,6-Tribromophenol	15.71	330	130	0.40	ng	-0.02
14) 2-Fluorobiphenyl	12.83	172	3681	0.47	ng	0.00
27) Terphenyl-d14	19.58	244	4125	0.46	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.22	88	961	0.50	ng	99
3) n-Nitrosodimethylamine	3.51	42	1023	0.46	ng	# 98
8) Nitrobenzene	8.78	77	1462	0.45	ng	99
9) Naphthalene	10.40	128	5363	0.47	ng	99
10) Hexachlorobutadiene	10.69	225	751	0.49	ng	98
11) 2-Methylnaphthalene	12.02	142	3322	0.47	ng	98
15) Acenaphthylene	13.93	152	21689	0.46	ng	99
16) Acenaphthene	14.27	154	3219	0.47	ng	97
17) Fluorene	15.26	166	3760	0.46	ng	99
19) 4-Bromophenyl-phenylether	16.16	248	1031	0.46	ng	93
20) Hexachlorobenzene	16.27	284	3828	0.46	ng	100
21) Pentachlorophenol	16.63	266	132	0.34	ng	96
22) Phenanthrene	17.00	178	6170	0.46	ng	99
23) Anthracene	17.08	178	5310	0.45	ng	100
24) Fluoranthene	19.00	202	5977	0.45	ng	99
26) Pyrene	19.36	202	5961	0.43	ng	99
28) Benzo(a)anthracene	21.10	228	4108	0.54	ng	99
29) Chrysene	21.15	228	5641	0.40	ng	99
30) Bis(2-ethylhexyl)phthalate	21.04	149	1062	0.37	ng	98
31) Indeno(1,2,3-cd)pyrene	25.83	276	1802	0.59	ng	99
33) Benzo(b)fluoranthene	22.72	252	2005	0.55	ng	99
34) Benzo(k)fluoranthene	22.76	252	4057	0.42	ng	98
35) Benzo(a)pyrene	23.32	252	2054	0.48	ng	97
36) Dibenzo(a,h)anthracene	25.84	278	984	0.47	ng	96
37) Benzo(g,h,i)perylene	26.56	276	2581	0.57	ng	99

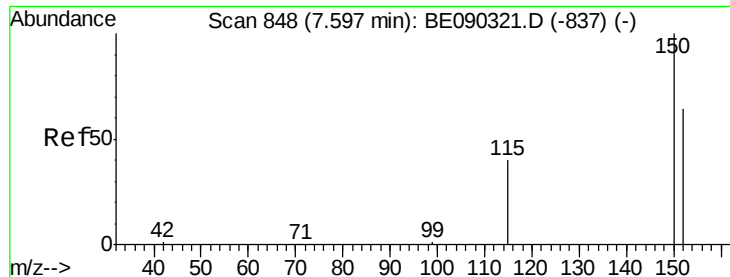
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Aug 04 01:38:34 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.60 min Scan# 848

Delta R.T. -0.00 min

Lab File: BE090319.D

Acq: 3 Aug 2015 21:13

Instrument :

BNA_E

ClientSampleId :

SSTDICC0.5

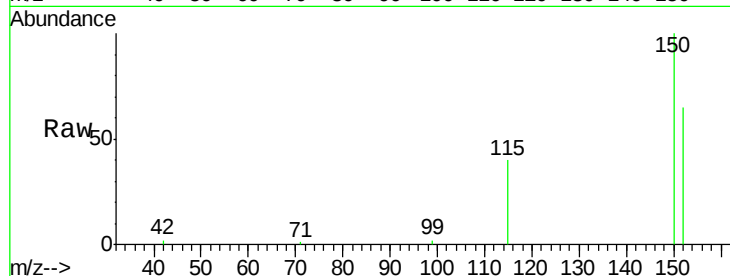
Tot Ion:152 Resp: 13098

Ion Ratio Lower Upper

152 100

150 154.2 124.2 186.2

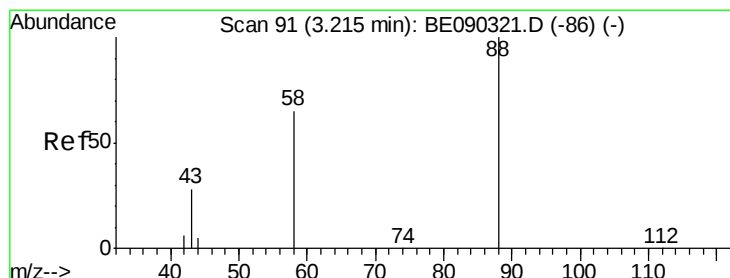
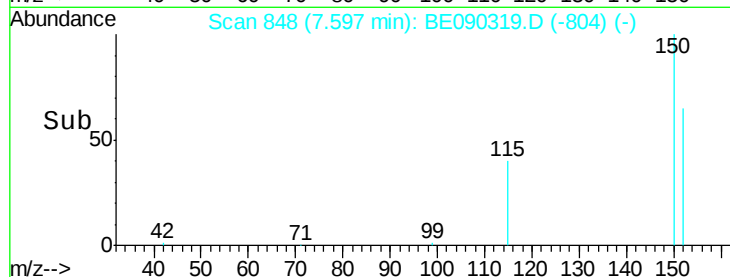
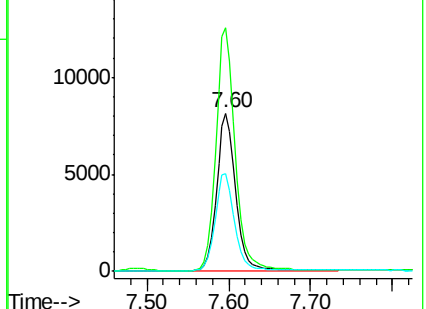
115 62.2 50.4 75.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.50 ng

RT: 3.22 min Scan# 91

Delta R.T. 0.00 min

Lab File: BE090319.D

Acq: 3 Aug 2015 21:13

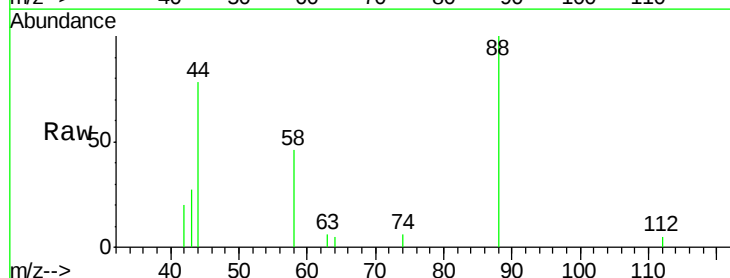
Tgt Ion: 88 Resp: 961

Ion Ratio Lower Upper

88 100

58 61.4 50.2 75.2

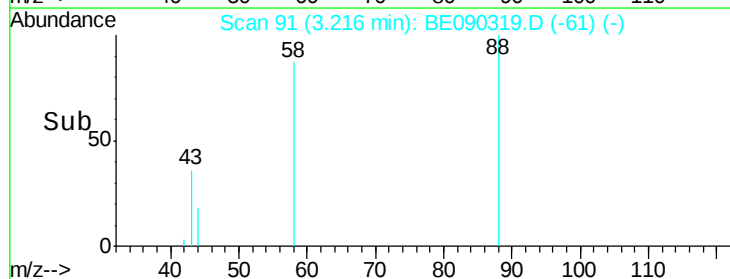
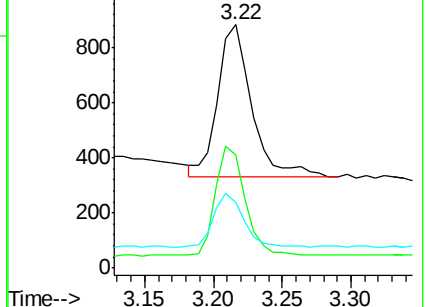
43 31.5 25.0 37.6

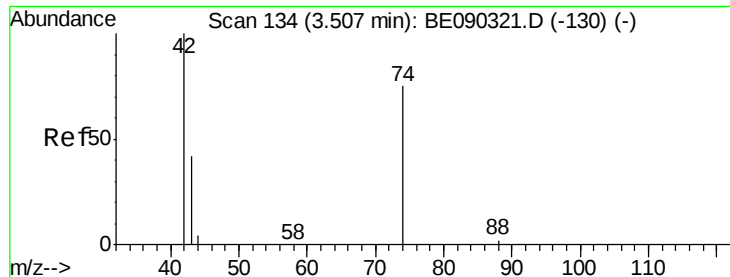


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



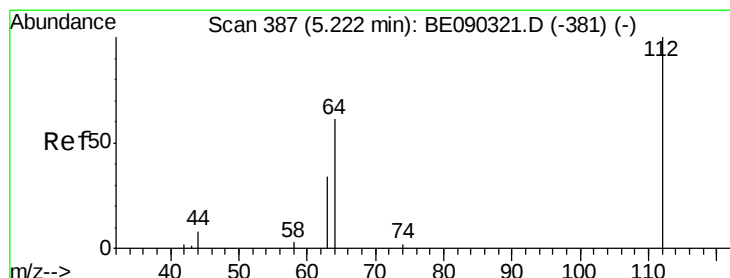
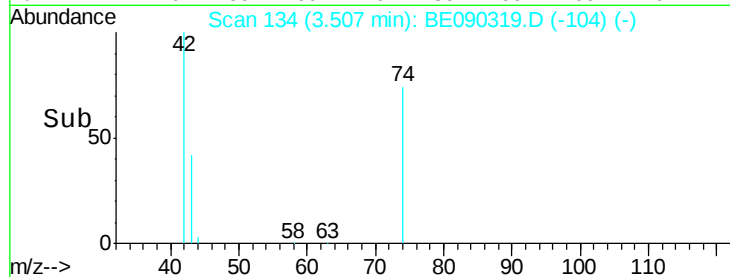
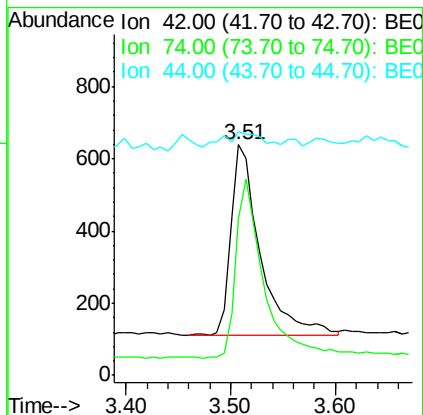
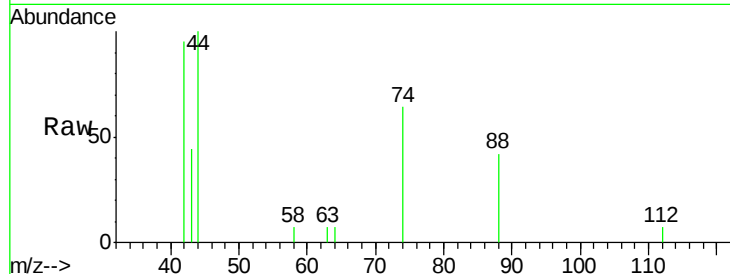


#3

n-Nitrosodimethylamine
 Concen: 0.46 ng
 RT: 3.51 min Scan# 134
 Delta R.T. 0.00 min
 Lab File: BE090319.D
 Acq: 3 Aug 2015 21:13

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.5

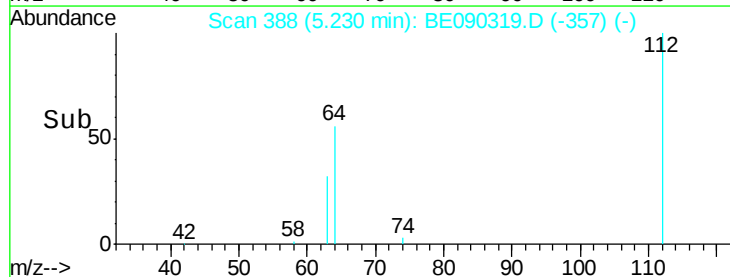
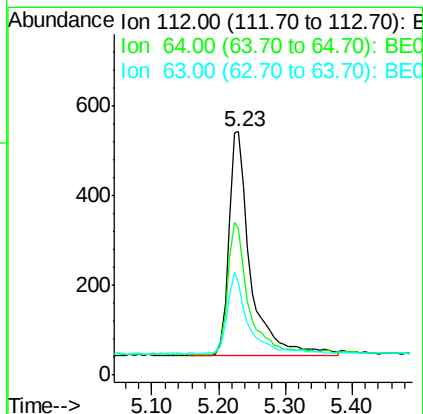
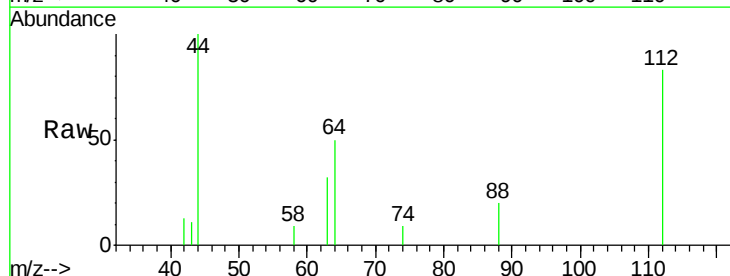
Tot Ion: 42 Resp: 1023
 Ion Ratio Lower Upper
 42 100
 74 92.3 73.2 109.8
 44 11.4 3.8 5.6#

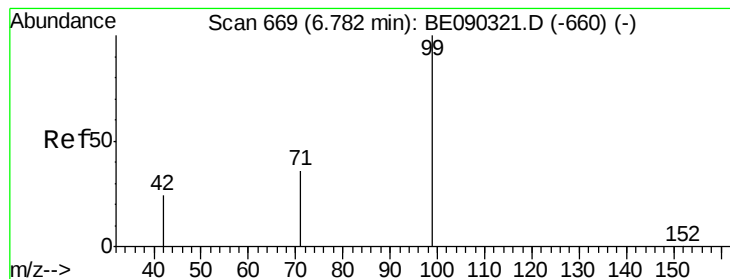


#4

2-Fluorophenol
 Concen: 0.44 ng
 RT: 5.23 min Scan# 388
 Delta R.T. 0.01 min
 Lab File: BE090319.D
 Acq: 3 Aug 2015 21:13

Tgt Ion: 112 Resp: 1124
 Ion Ratio Lower Upper
 112 100
 64 57.7 49.0 73.4
 63 34.8 27.7 41.5





#5

Phenol-d6

Concen: 0.46 ng

RT: 6.78 min Scan# 669

Delta R.T. -0.00 min

Lab File: BE090319.D

Acq: 3 Aug 2015 21:13

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.5

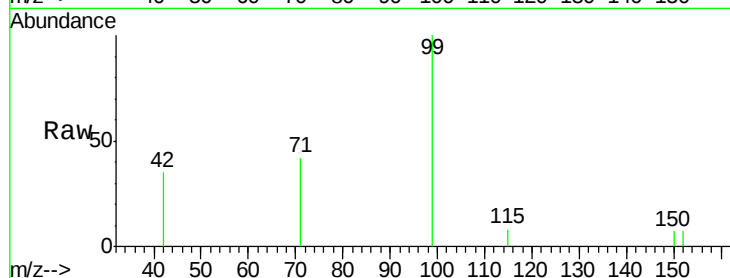
Tot Ion: 99 Resp: 1368

Ion Ratio Lower Upper

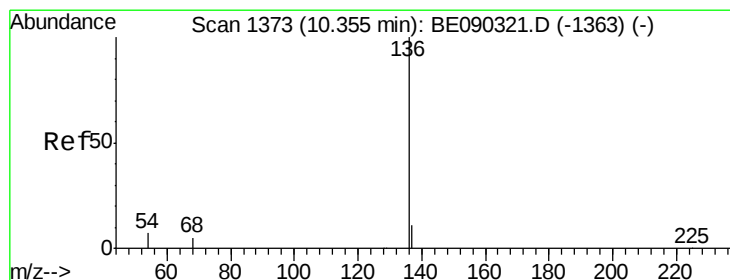
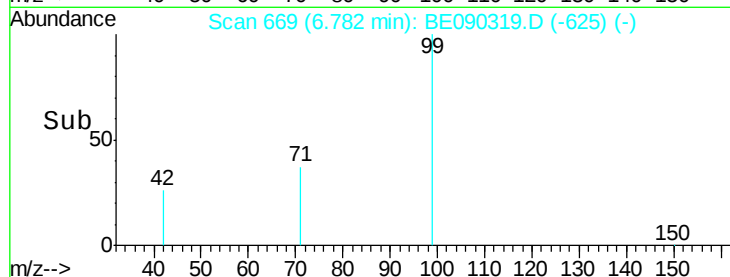
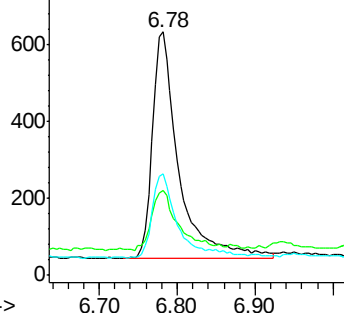
99 100

42 27.0 22.2 33.2

71 37.3 29.2 43.8



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: 10.35 min Scan# 1373

Delta R.T. -0.00 min

Lab File: BE090319.D

Acq: 3 Aug 2015 21:13

Tgt Ion: 136 Resp: 53054

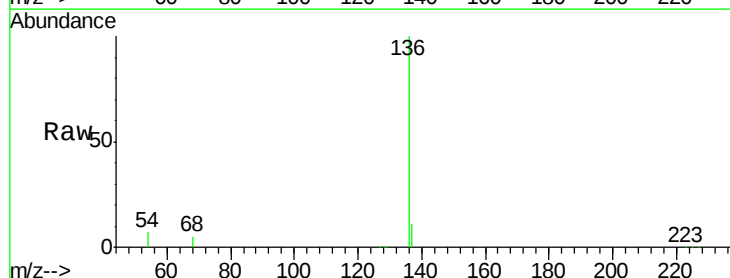
Ion Ratio Lower Upper

136 100

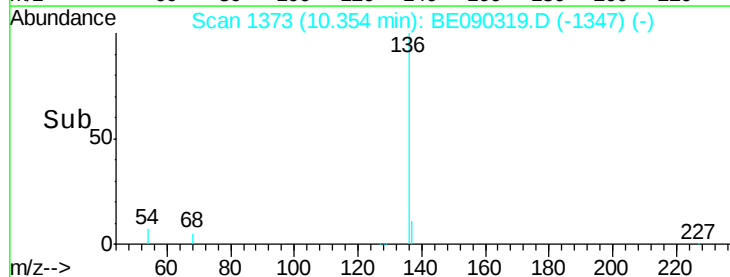
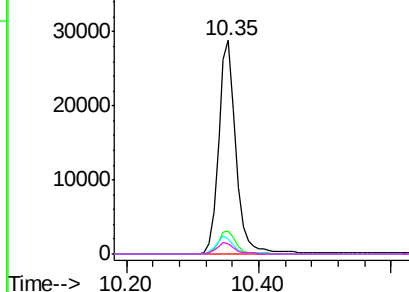
137 11.0 8.9 13.3

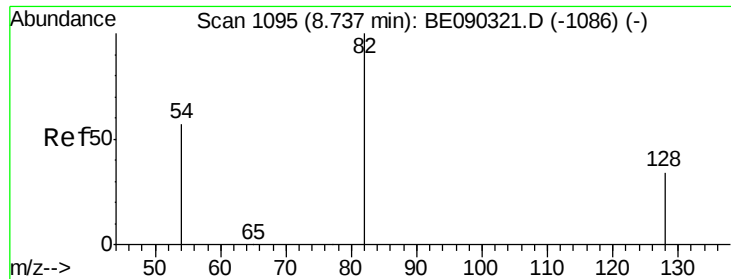
54 7.5 6.0 9.0

68 4.8 3.9 5.9



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: 0.44 ng

RT: 8.74 min Scan# 1095

Delta R.T. 0.00 min

Lab File: BE090319.D

Acq: 3 Aug 2015 21:13

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.5

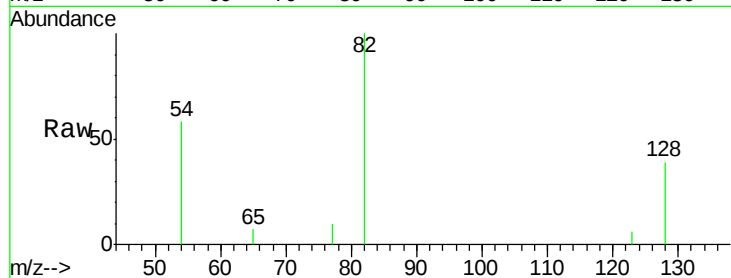
Tot Ion: 82 Resp: 1419

Ion Ratio Lower Upper

82 100

128 38.6 30.8 46.2

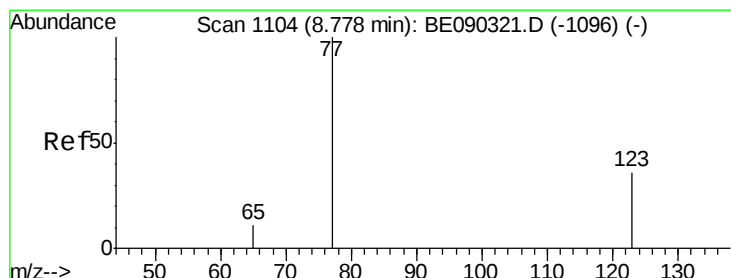
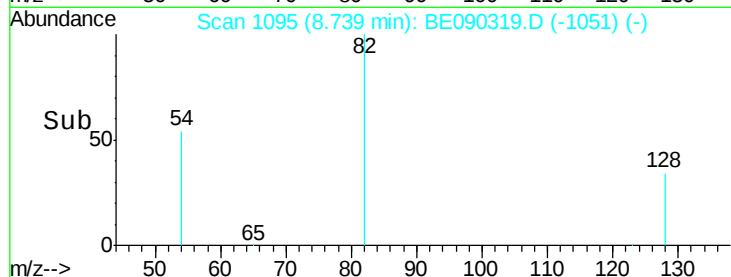
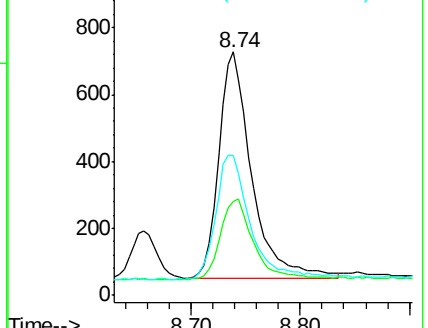
54 57.7 47.5 71.3



Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0



#8

Nitrobenzene

Concen: 0.45 ng

RT: 8.78 min Scan# 1104

Delta R.T. 0.00 min

Lab File: BE090319.D

Acq: 3 Aug 2015 21:13

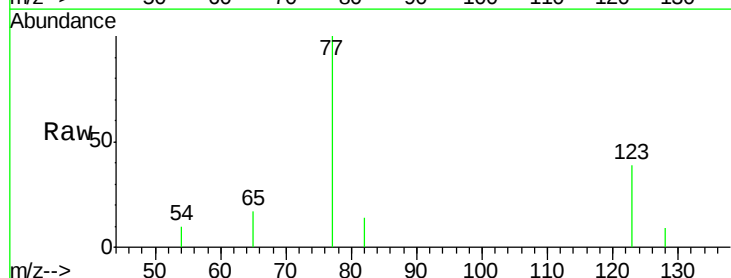
Tgt Ion: 77 Resp: 1462

Ion Ratio Lower Upper

77 100

123 37.2 29.6 44.4

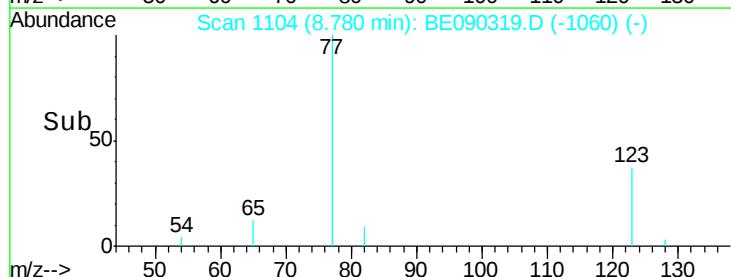
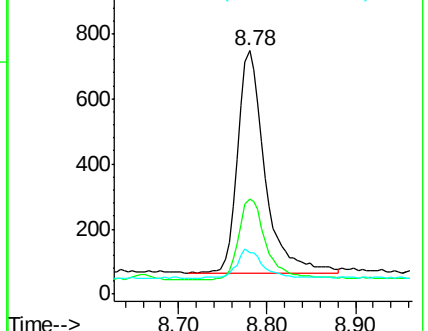
65 12.4 10.4 15.6

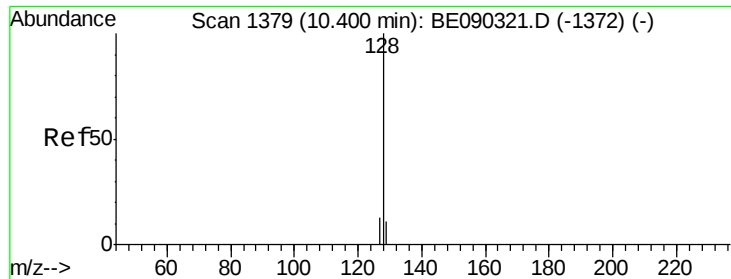


Abundance Ion 77.00 (76.70 to 77.70): BE0

Ion 123.00 (122.70 to 123.70): BE0

Ion 65.00 (64.70 to 65.70): BE0





#9

Naphthalene

Concen: 0.47 ng

RT: 10.40 min Scan# 1379

Delta R.T. -0.00 min

Lab File: BE090319.D

Acq: 3 Aug 2015 21:13

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.5

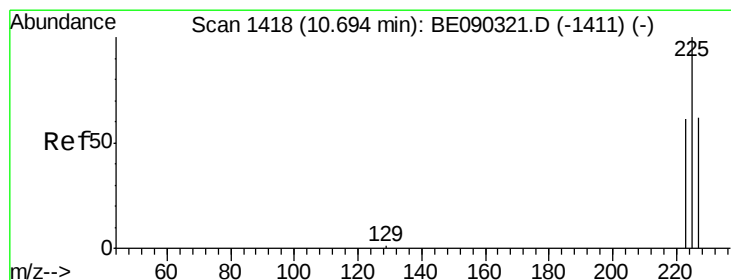
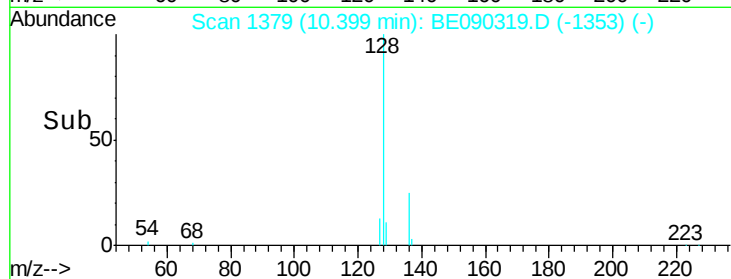
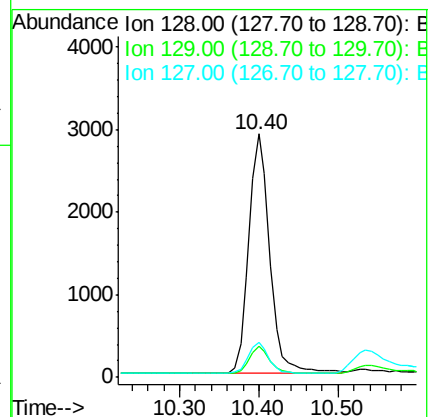
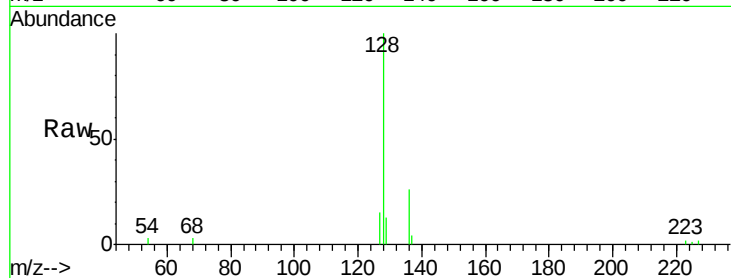
Tot Ion:128 Resp: 5363

Ion Ratio Lower Upper

128 100

129 12.6 10.1 15.1

127 14.6 11.3 16.9



#10

Hexachlorobutadiene

Concen: 0.49 ng

RT: 10.69 min Scan# 1418

Delta R.T. -0.00 min

Lab File: BE090319.D

Acq: 3 Aug 2015 21:13

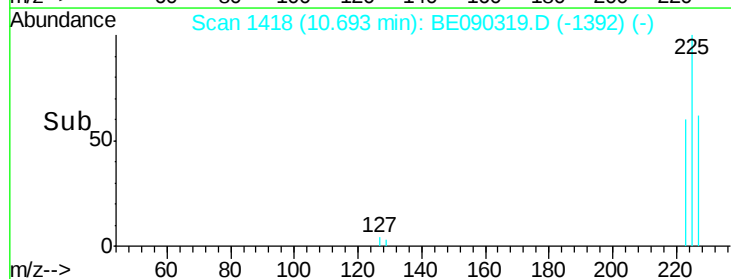
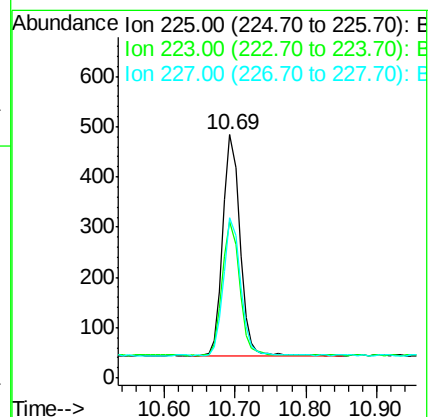
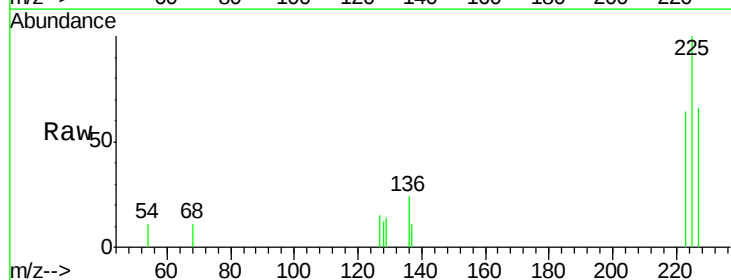
Tgt Ion:225 Resp: 751

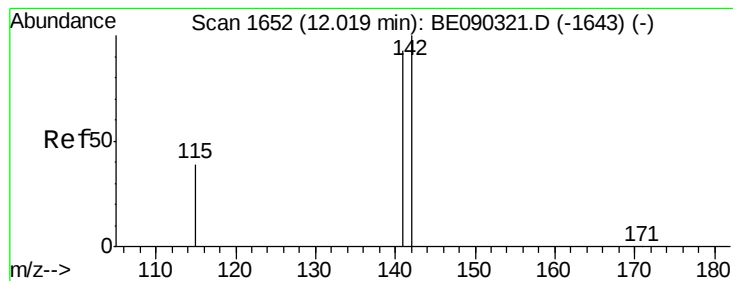
Ion Ratio Lower Upper

225 100

223 61.1 50.4 75.6

227 60.9 49.6 74.4





#11

2-Methylnaphthalene

Concen: 0.47 ng

RT: 12.02 min Scan# 1653

Delta R.T. 0.00 min

Lab File: BE090319.D

Acq: 3 Aug 2015 21:13

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.5

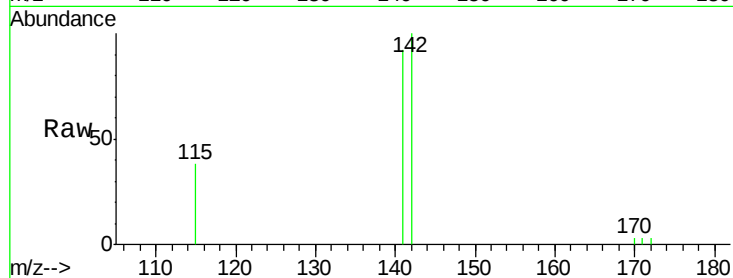
Tot Ion:142 Resp: 3322

Ion Ratio Lower Upper

142 100

141 91.6 74.6 112.0

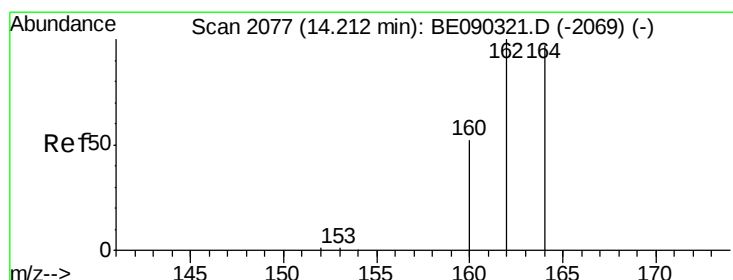
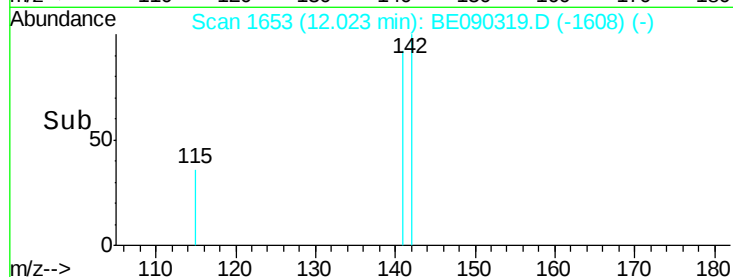
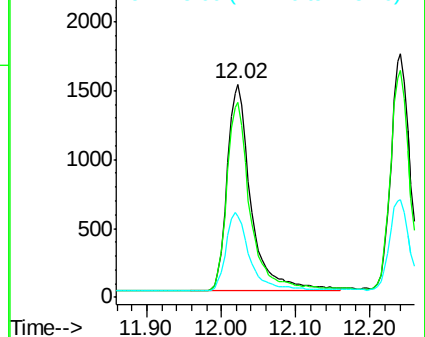
115 38.3 32.6 49.0



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: 14.21 min Scan# 2076

Delta R.T. -0.01 min

Lab File: BE090319.D

Acq: 3 Aug 2015 21:13

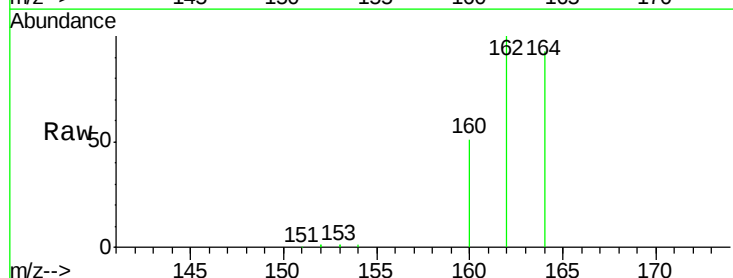
Tgt Ion:164 Resp: 27299

Ion Ratio Lower Upper

164 100

162 108.0 82.7 124.1

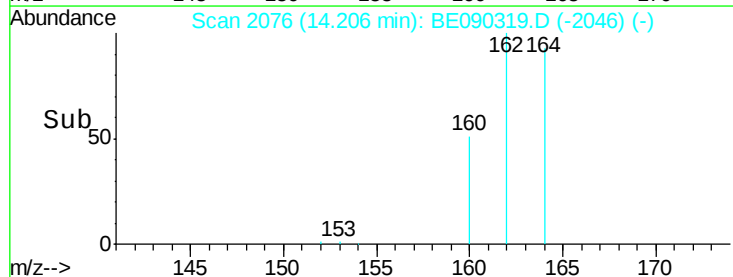
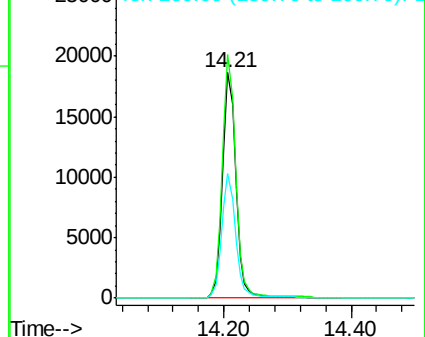
160 55.4 43.0 64.6

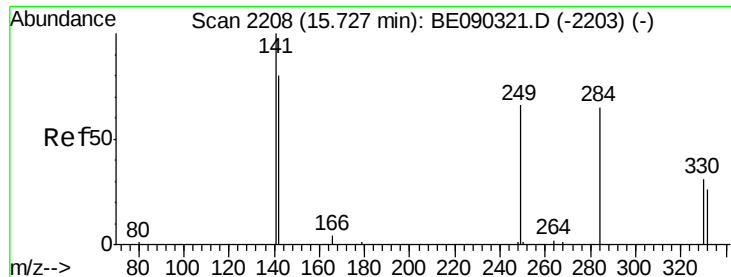


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

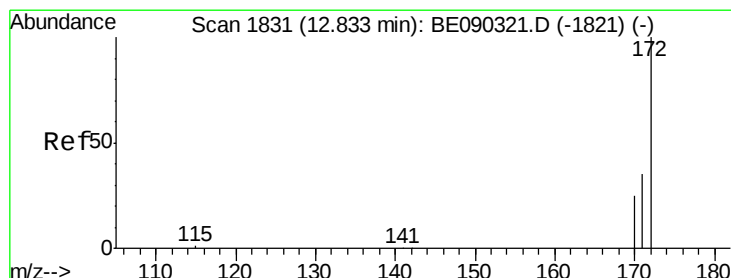
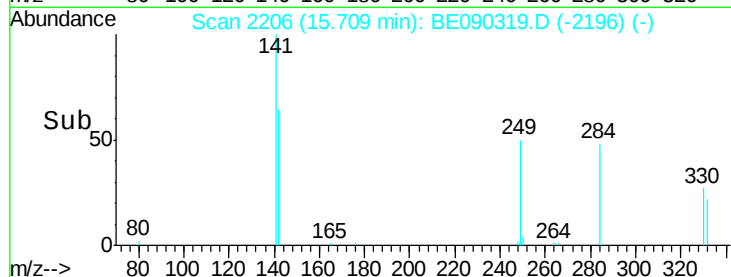
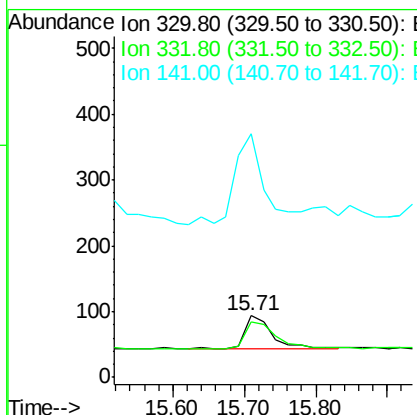
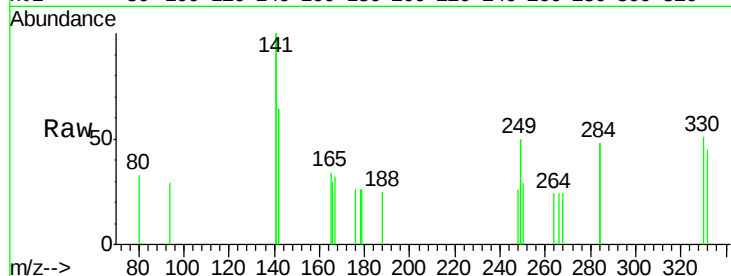




#13
 2,4,6-Tribromophenol
 Concen: 0.40 ng
 RT: 15.71 min Scan# 2206
 Delta R.T. -0.02 min
 Lab File: BE090319.D
 Acq: 3 Aug 2015 21:13

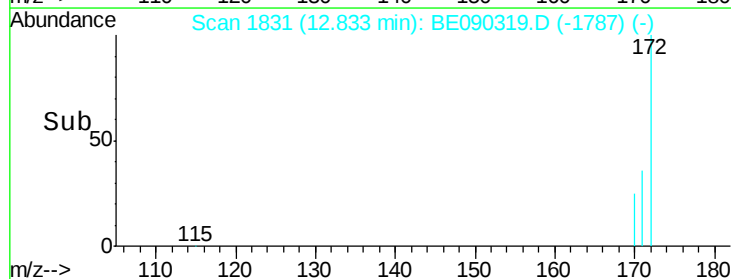
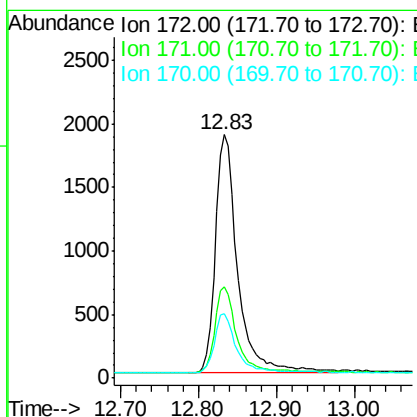
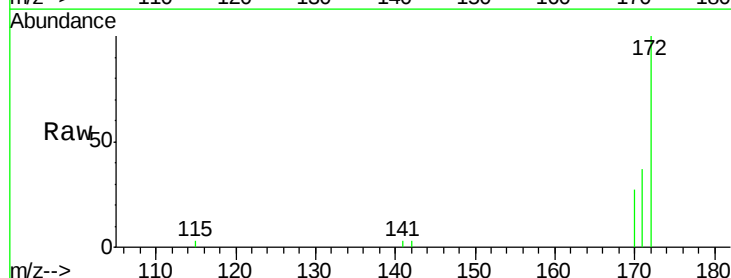
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.5

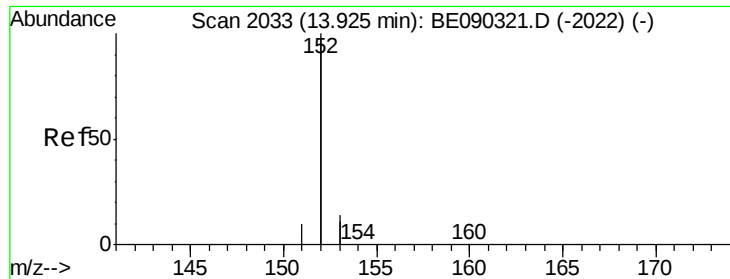
Tot Ion:330 Resp: 130
 Ion Ratio Lower Upper
 330 100
 332 93.8 79.4 119.0
 141 293.8 245.9 368.9



#14
 2-Fluorobiphenyl
 Concen: 0.47 ng
 RT: 12.83 min Scan# 1831
 Delta R.T. -0.00 min
 Lab File: BE090319.D
 Acq: 3 Aug 2015 21:13

Tgt Ion:172 Resp: 3681
 Ion Ratio Lower Upper
 172 100
 171 37.4 29.5 44.3
 170 26.6 21.3 31.9





#15

Acenaphthylene

Concen: 0.46 ng

RT: 13.93 min Scan# 2033

Delta R.T. 0.00 min

Lab File: BE090319.D

Acq: 3 Aug 2015 21:13

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.5

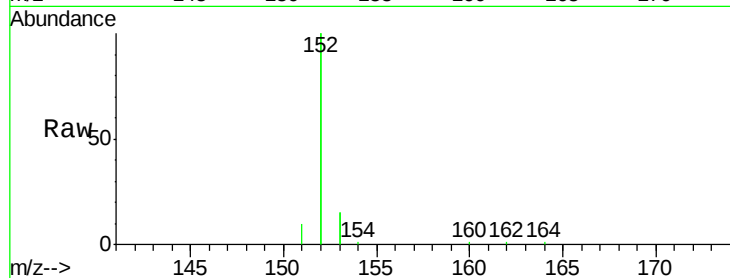
Tot Ion:152 Resp: 21689

Ion Ratio Lower Upper

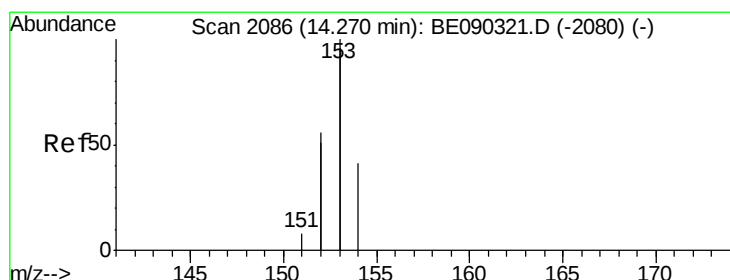
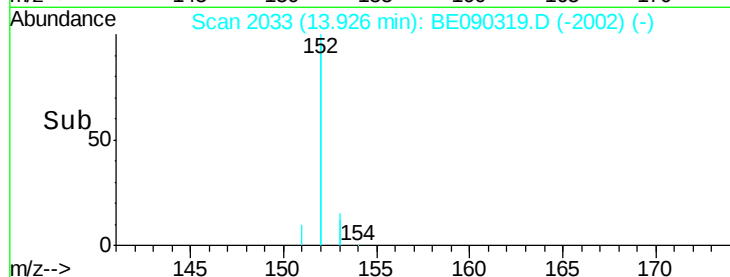
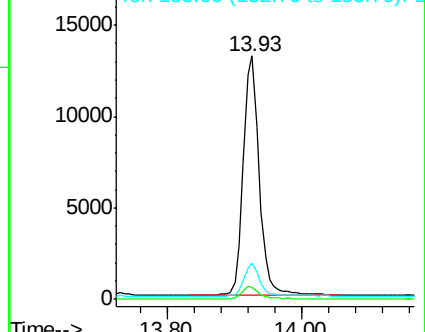
152 100

151 5.0 4.0 6.0

153 13.1 10.2 15.4



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#16

Acenaphthene

Concen: 0.47 ng

RT: 14.27 min Scan# 2086

Delta R.T. 0.00 min

Lab File: BE090319.D

Acq: 3 Aug 2015 21:13

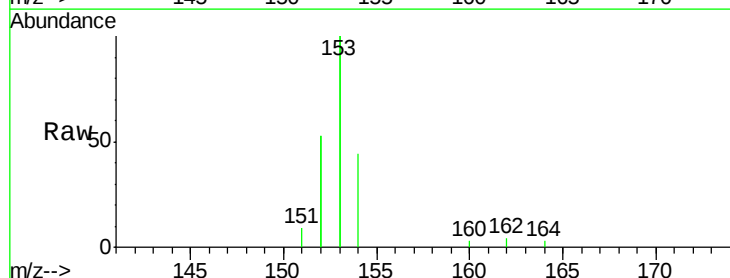
Tgt Ion:154 Resp: 3219

Ion Ratio Lower Upper

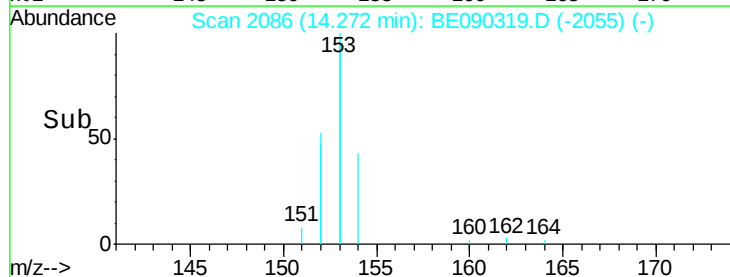
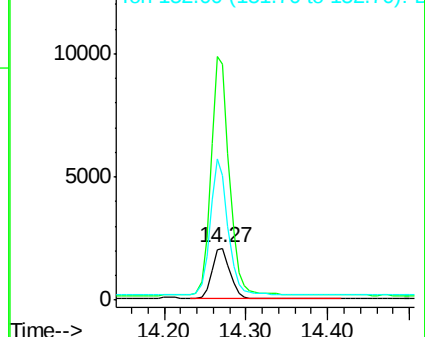
154 100

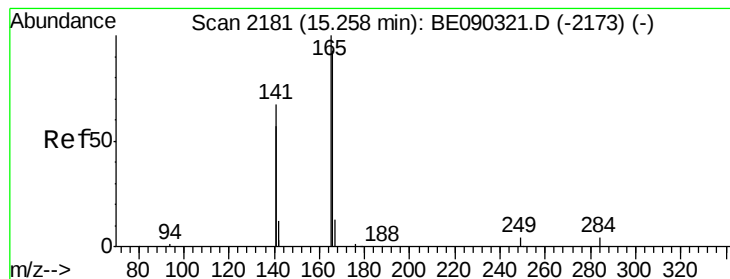
153 467.5 378.0 567.0

152 259.0 212.7 319.1



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





#17

Fluorene

Concen: 0.46 ng

RT: 15.26 min Scan# 2180

Delta R.T. -0.00 min

Lab File: BE090319.D

Acq: 3 Aug 2015 21:13

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.5

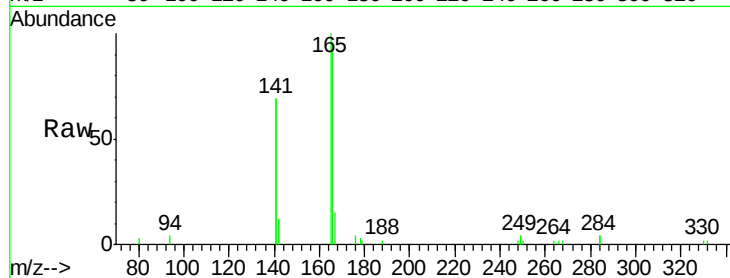
Tot Ion:166 Resp: 3760

Ion Ratio Lower Upper

166 100

165 102.2 82.6 123.8

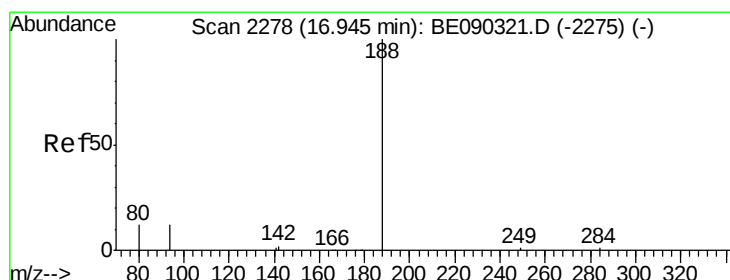
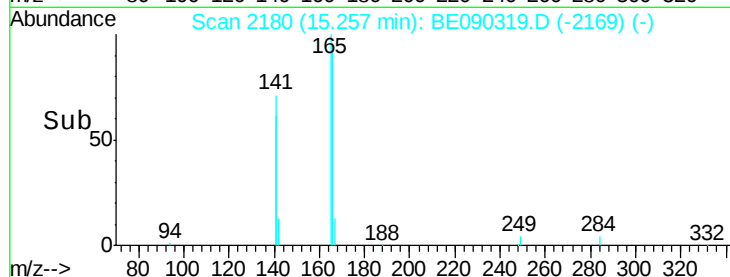
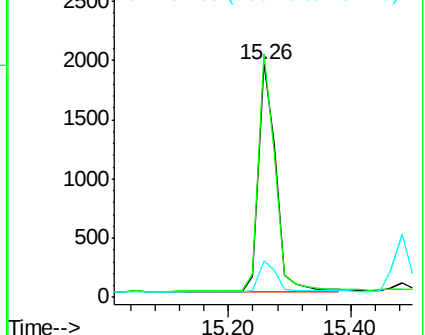
167 14.7 11.8 17.8



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.94 min Scan# 2277

Delta R.T. -0.00 min

Lab File: BE090319.D

Acq: 3 Aug 2015 21:13

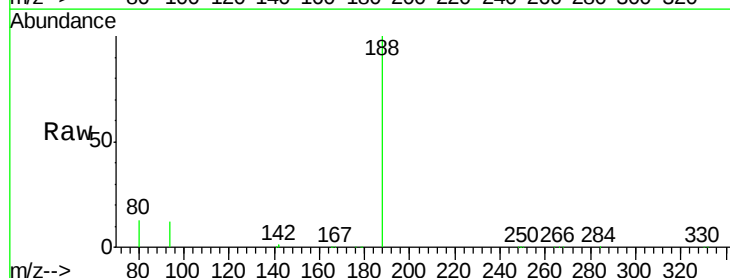
Tgt Ion:188 Resp: 58704

Ion Ratio Lower Upper

188 100

94 11.6 9.5 14.3

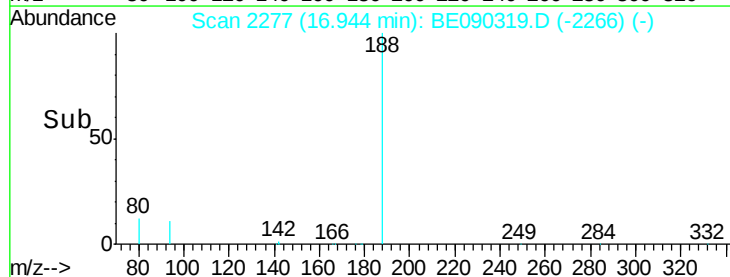
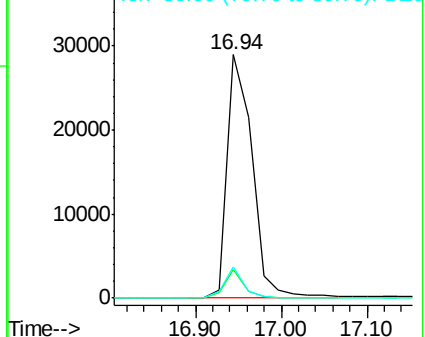
80 12.6 10.0 15.0

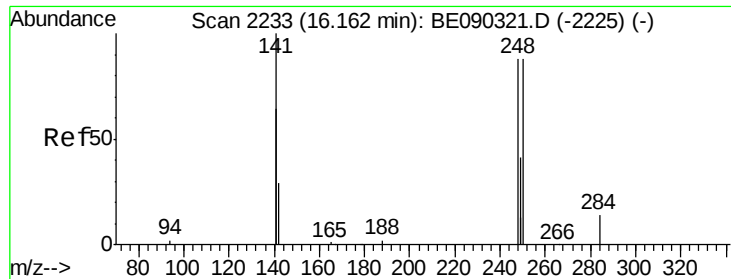


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0

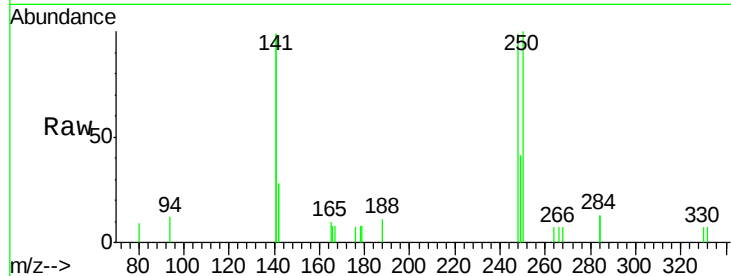




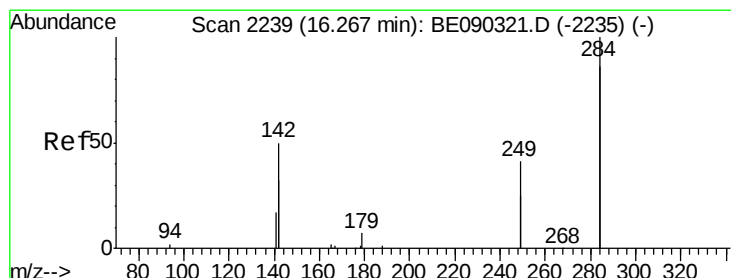
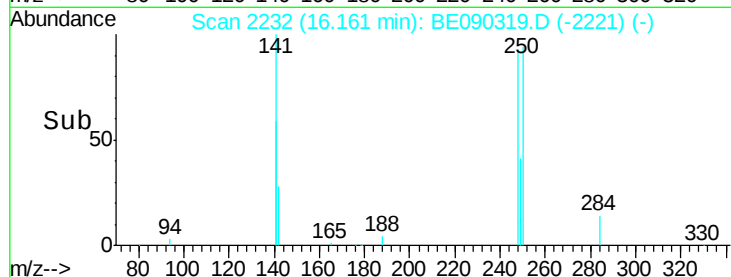
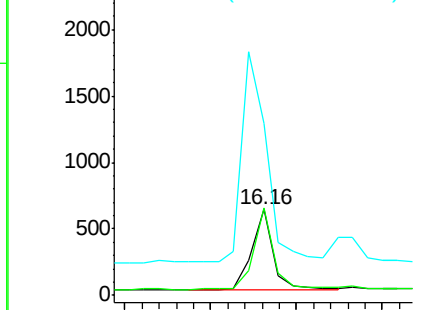
#19
4-Bromophenyl-phenylether
Concen: 0.46 ng
RT: 16.16 min Scan# 2232
Delta R.T. -0.00 min
Lab File: BE090319.D
Acq: 3 Aug 2015 21:13

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.5

Tot Ion:248 Resp: 1031
Ion Ratio Lower Upper
248 100
250 96.4 74.0 111.0
141 306.8 258.9 388.3

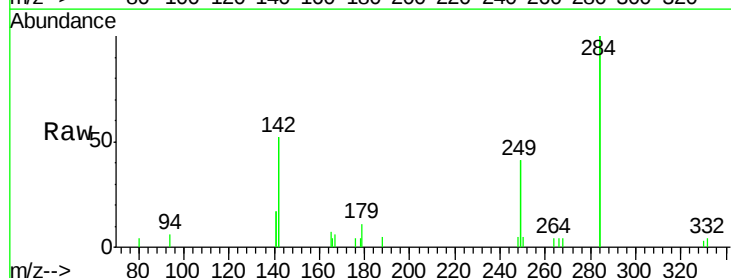


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

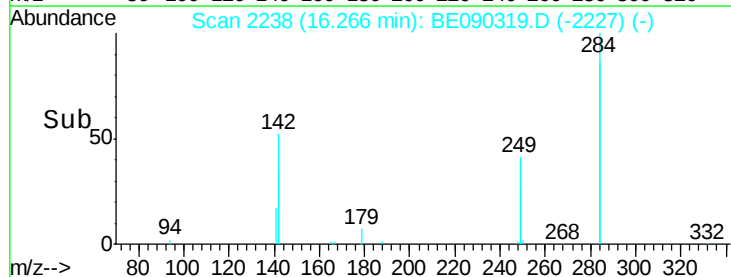
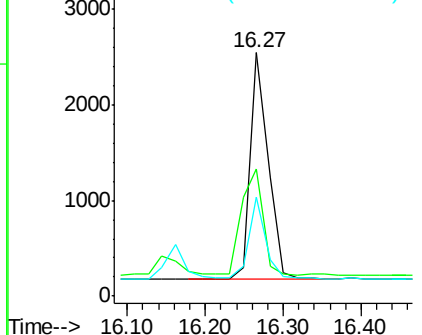


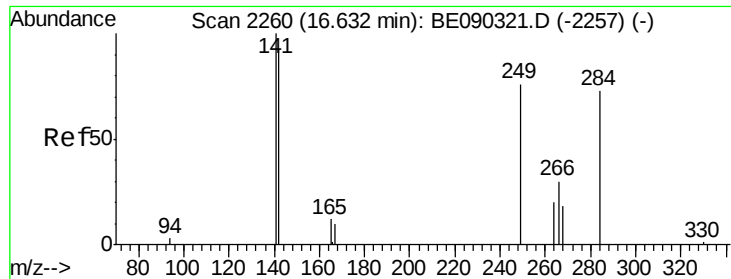
#20
Hexachlorobenzene
Concen: 0.46 ng
RT: 16.27 min Scan# 2238
Delta R.T. -0.00 min
Lab File: BE090319.D
Acq: 3 Aug 2015 21:13

Tgt Ion:284 Resp: 3828
Ion Ratio Lower Upper
284 100
142 55.6 44.2 66.4
249 33.0 26.4 39.6



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

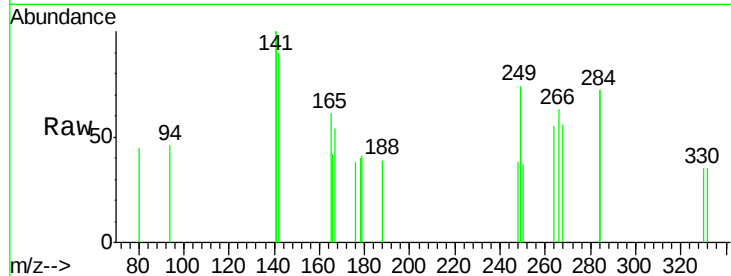




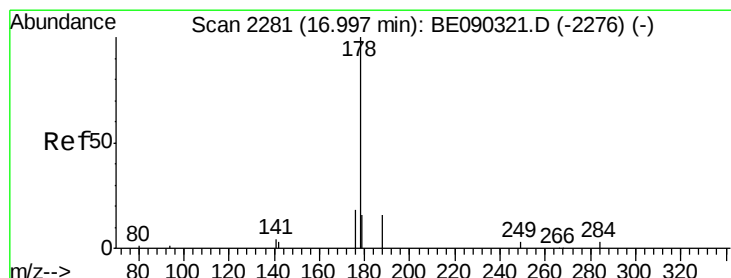
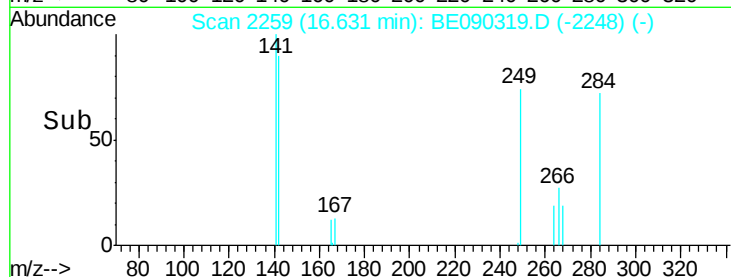
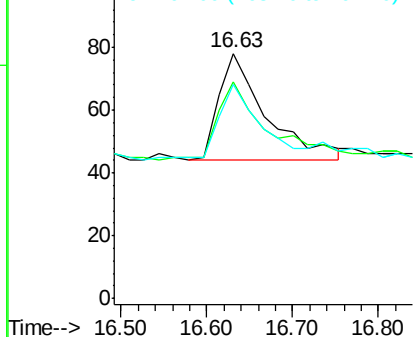
#21
Pentachlorophenol
Concen: 0.34 ng
RT: 16.63 min Scan# 2259
Delta R.T. -0.00 min
Lab File: BE090319.D
Acq: 3 Aug 2015 21:13

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.5

Tot Ion:266 Resp: 132
Ion Ratio Lower Upper
266 100
268 88.5 66.2 99.2
264 87.2 69.1 103.7

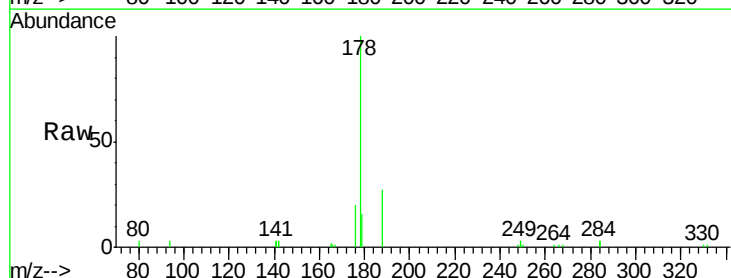


Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E

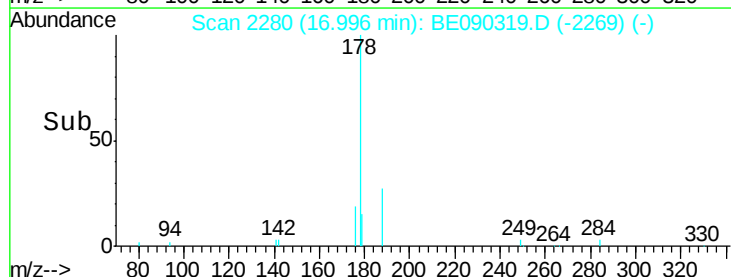
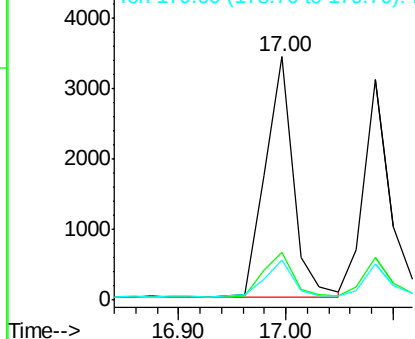


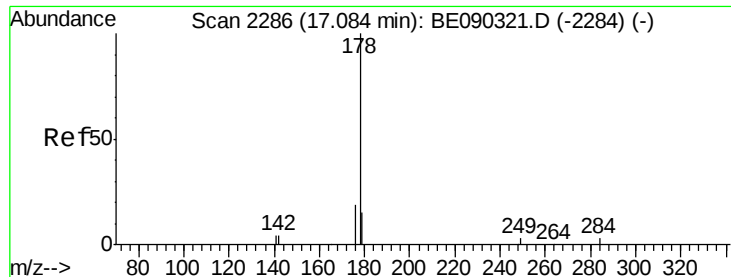
#22
Phenanthrene
Concen: 0.46 ng
RT: 17.00 min Scan# 2280
Delta R.T. -0.00 min
Lab File: BE090319.D
Acq: 3 Aug 2015 21:13

Tgt Ion:178 Resp: 6170
Ion Ratio Lower Upper
178 100
176 19.8 15.5 23.3
179 15.8 12.6 18.8



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: 0.45 ng

RT: 17.08 min Scan# 2285

Delta R.T. -0.00 min

Lab File: BE090319.D

Acq: 3 Aug 2015 21:13

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.5

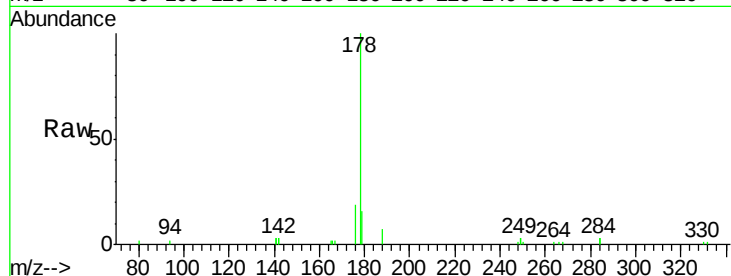
Tot Ion:178 Resp: 5310

Ion Ratio Lower Upper

178 100

176 18.8 15.1 22.7

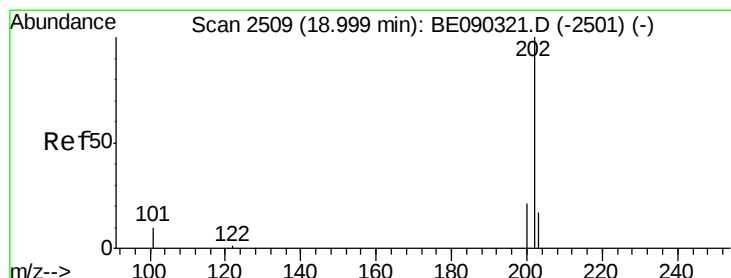
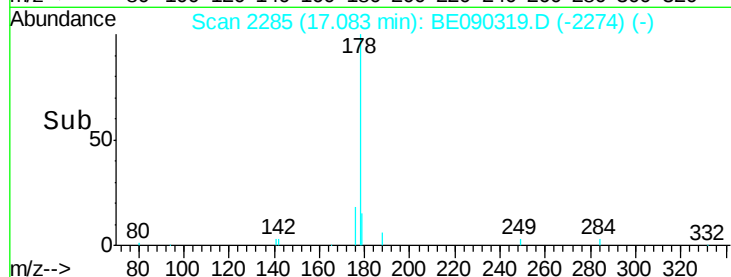
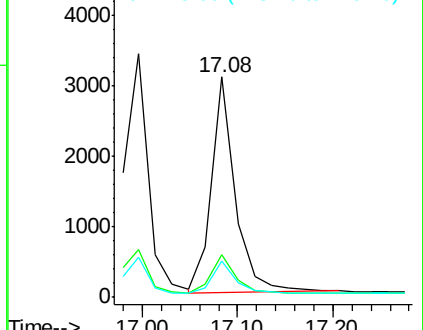
179 15.3 12.1 18.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Fluoranthene

Concen: 0.45 ng

RT: 19.00 min Scan# 2508

Delta R.T. -0.00 min

Lab File: BE090319.D

Acq: 3 Aug 2015 21:13

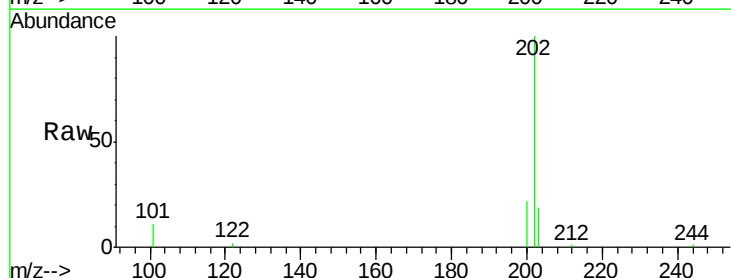
Tgt Ion:202 Resp: 5977

Ion Ratio Lower Upper

202 100

101 10.3 8.3 12.5

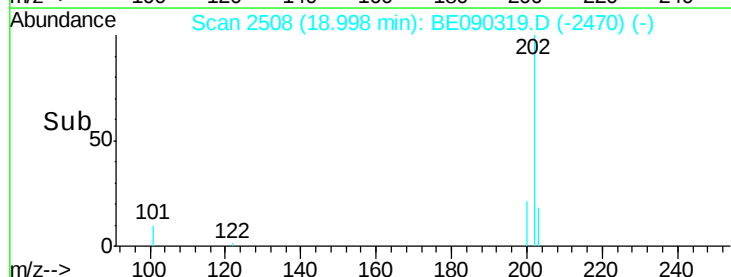
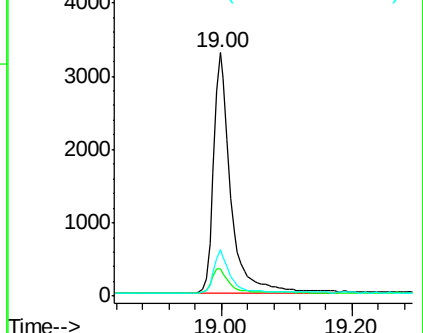
203 16.9 13.8 20.8

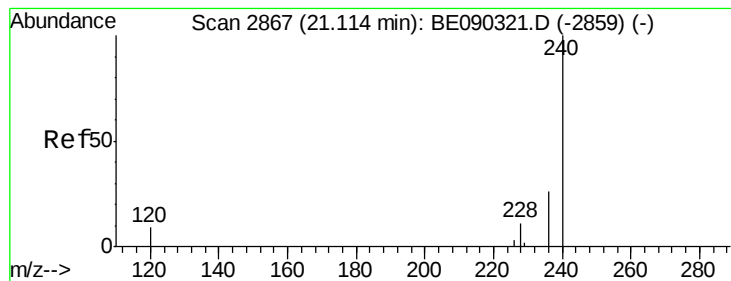


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.11 min Scan# 2866

Delta R.T. -0.00 min

Lab File: BE090319.D

Acq: 3 Aug 2015 21:13

Instrument :

BNA_E

ClientSampleId :

SSTDICC0.5

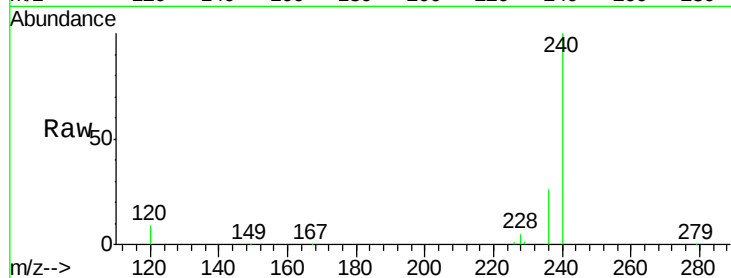
Tot Ion:240 Resp: 47448

Ion Ratio Lower Upper

240 100

120 8.9 7.5 11.3

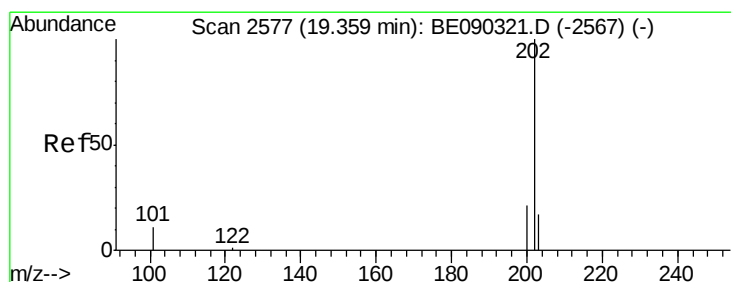
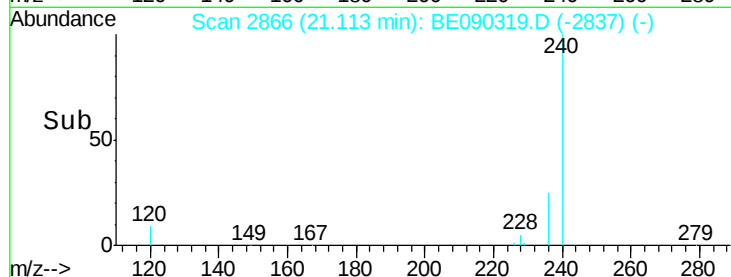
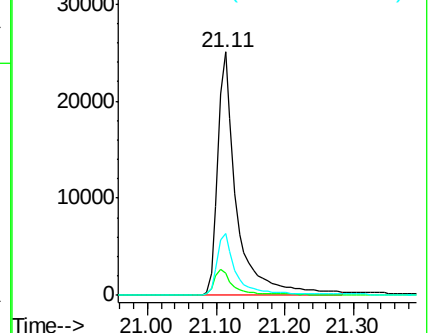
236 25.6 21.0 31.4



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: 0.43 ng

RT: 19.36 min Scan# 2576

Delta R.T. -0.00 min

Lab File: BE090319.D

Acq: 3 Aug 2015 21:13

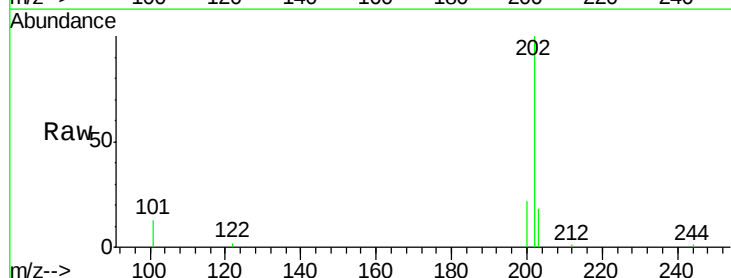
Tgt Ion:202 Resp: 5961

Ion Ratio Lower Upper

202 100

200 21.2 16.6 24.8

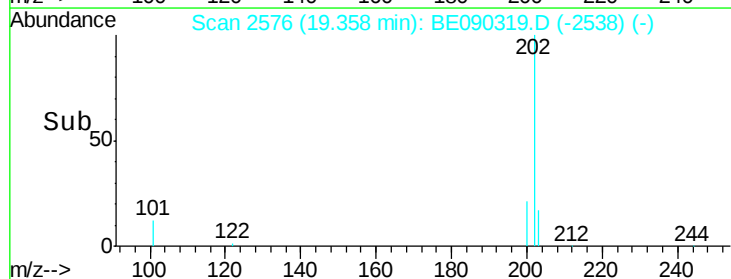
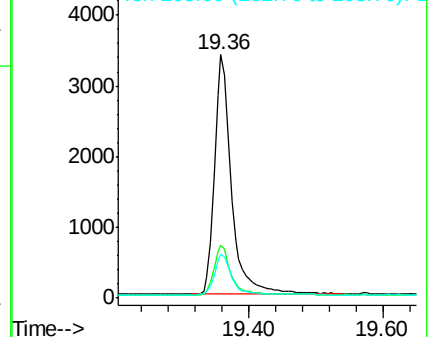
203 17.3 13.8 20.6

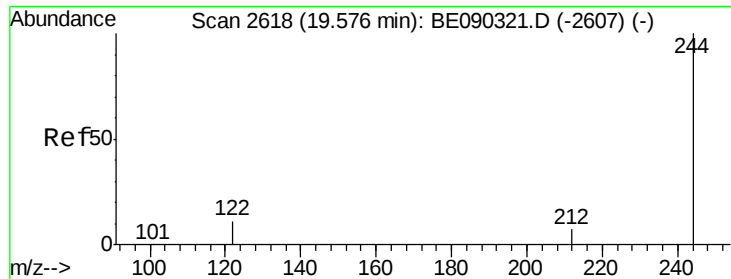


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

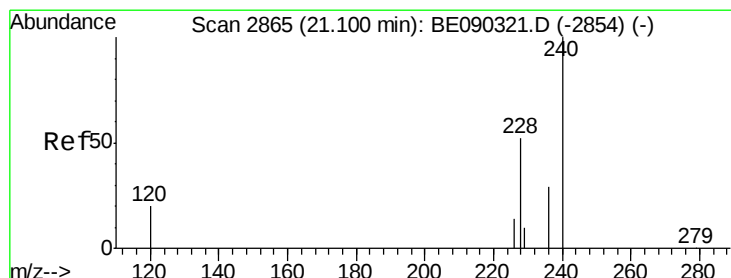
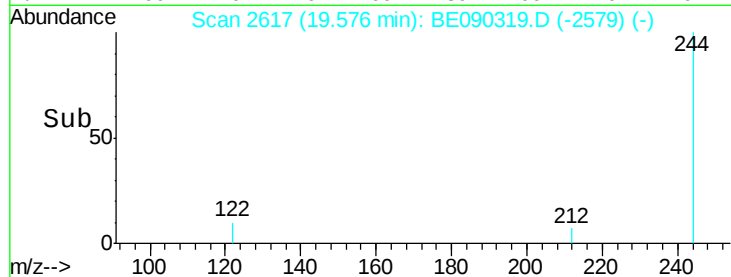
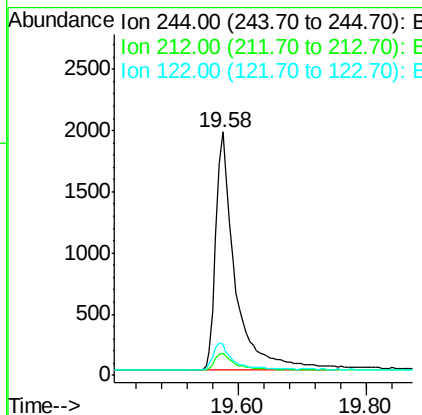
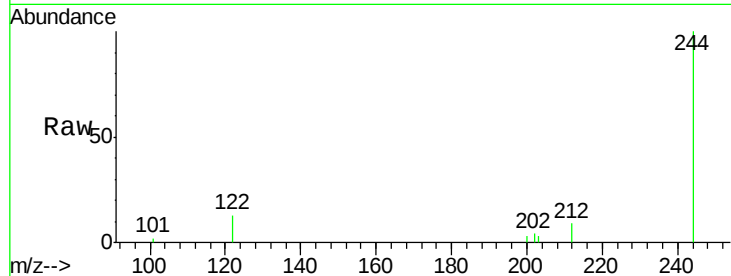




#27
 Terphenyl-d14
 Concen: 0.46 ng
 RT: 19.58 min Scan# 2617
 Delta R.T. -0.00 min
 Lab File: BE090319.D
 Acq: 3 Aug 2015 21:13

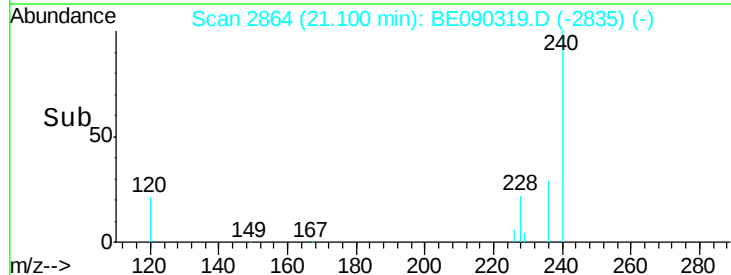
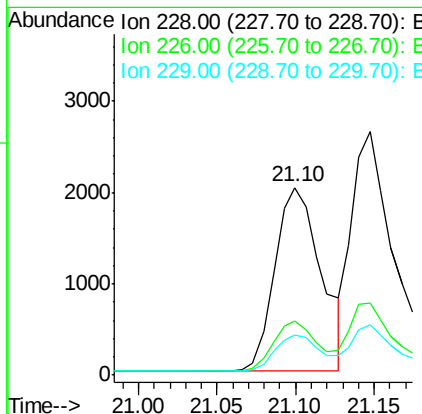
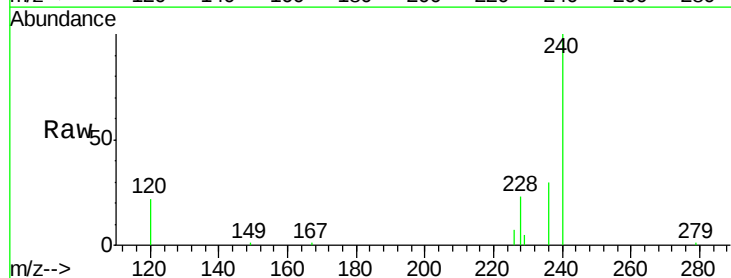
Instrument :
 BNA_E
 ClientSampled :
 SSTDICC0.5

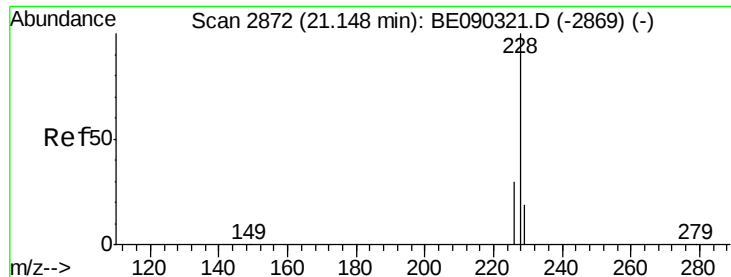
Tot Ion:244 Resp: 4125
 Ion Ratio Lower Upper
 244 100
 212 9.1 7.4 11.2
 122 12.9 10.4 15.6



#28
 Benzo(a)anthracene
 Concen: 0.54 ng
 RT: 21.10 min Scan# 2864
 Delta R.T. -0.00 min
 Lab File: BE090319.D
 Acq: 3 Aug 2015 21:13

Tgt Ion:228 Resp: 4108
 Ion Ratio Lower Upper
 228 100
 226 29.2 23.0 34.4
 229 21.7 17.4 26.2





#29

Chrysene

Concen: 0.40 ng

RT: 21.15 min Scan# 2871

Delta R.T. -0.00 min

Lab File: BE090319.D

Acq: 3 Aug 2015 21:13

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.5

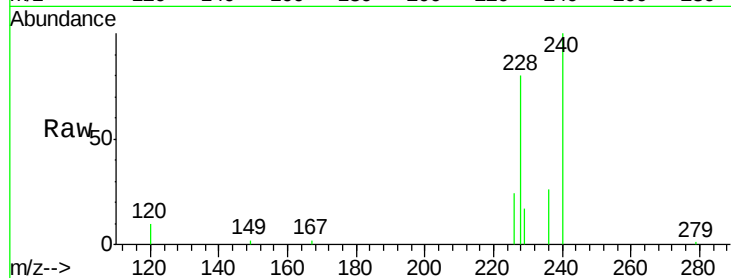
Tot Ion:228 Resp: 5641

Ion Ratio Lower Upper

228 100

226 29.9 24.9 37.3

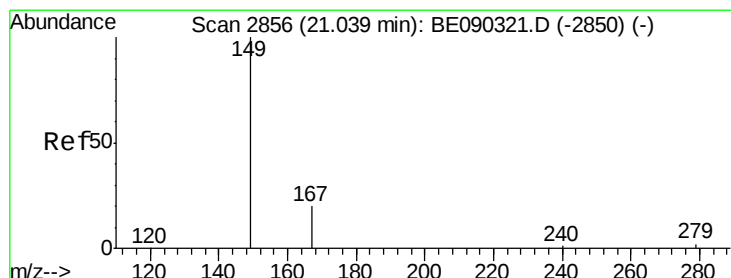
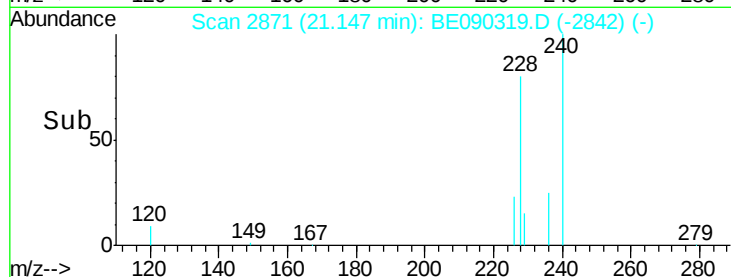
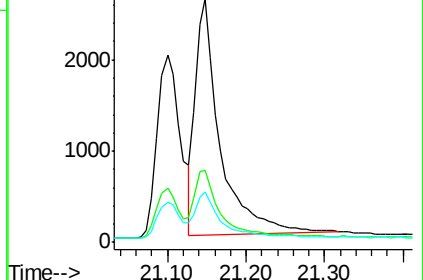
229 20.8 16.6 25.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#30

Bis(2-ethylhexyl)phthalate

Concen: 0.37 ng

RT: 21.04 min Scan# 2855

Delta R.T. -0.00 min

Lab File: BE090319.D

Acq: 3 Aug 2015 21:13

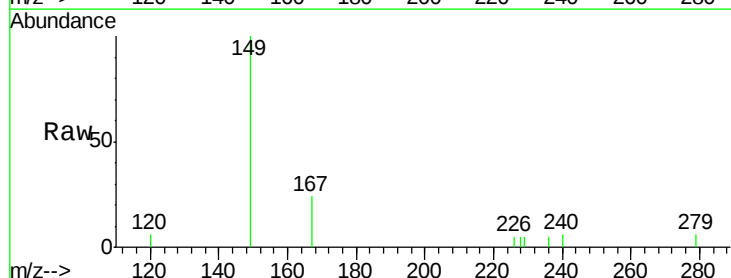
Tgt Ion:149 Resp: 1062

Ion Ratio Lower Upper

149 100

167 21.6 16.6 24.8

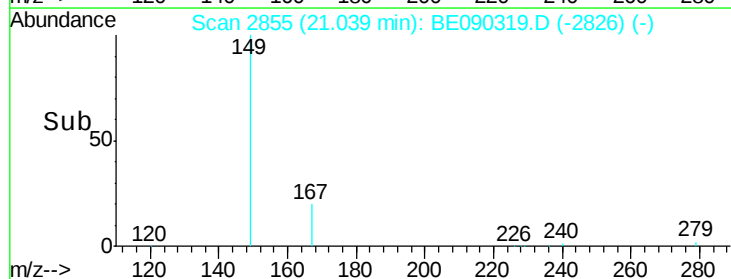
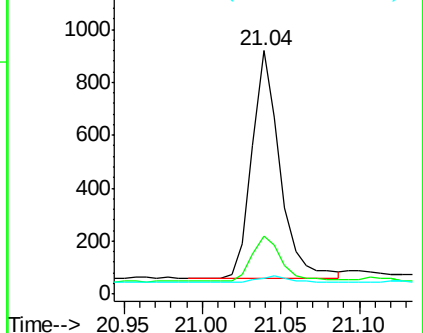
279 2.9 2.7 4.1

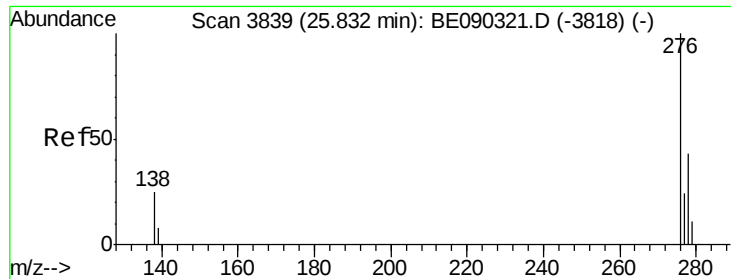


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#31

Indeno(1,2,3-cd)pyrene

Concen: 0.59 ng

RT: 25.83 min Scan# 3837

Delta R.T. -0.00 min

Lab File: BE090319.D

Acq: 3 Aug 2015 21:13

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.5

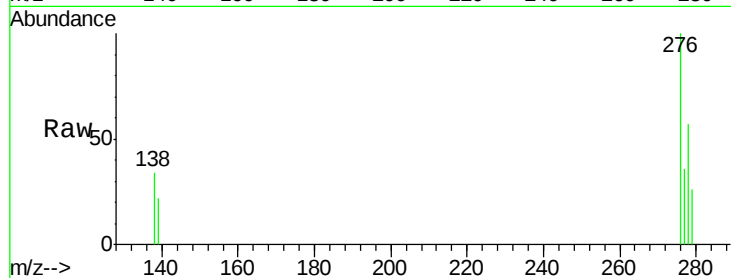
Tot Ion:276 Resp: 1802

Ion Ratio Lower Upper

276 100

138 13.2 10.6 16.0

277 17.6 14.6 22.0



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

25.83

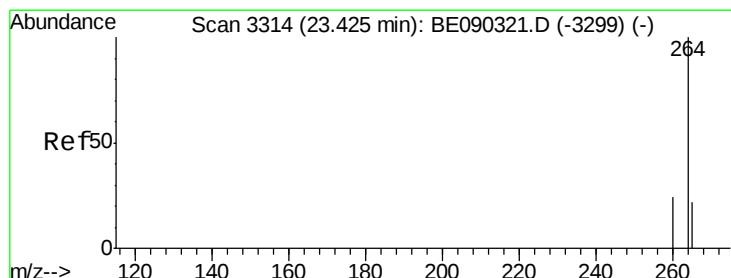
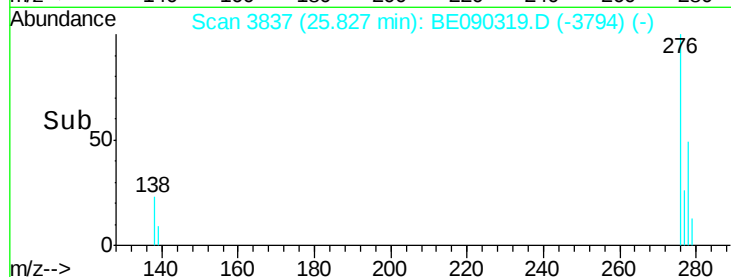
300

200

100

0

Time-->



#32

Perylene-d12

Concen: 5.00 ng

RT: 23.42 min Scan# 3313

Delta R.T. -0.00 min

Lab File: BE090319.D

Acq: 3 Aug 2015 21:13

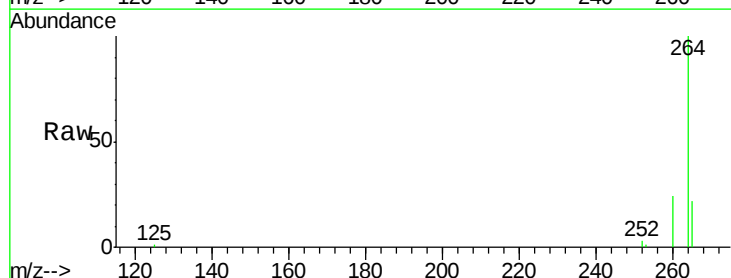
Tgt Ion:264 Resp: 40542

Ion Ratio Lower Upper

264 100

260 24.3 20.1 30.1

265 22.0 18.6 28.0



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

23.42

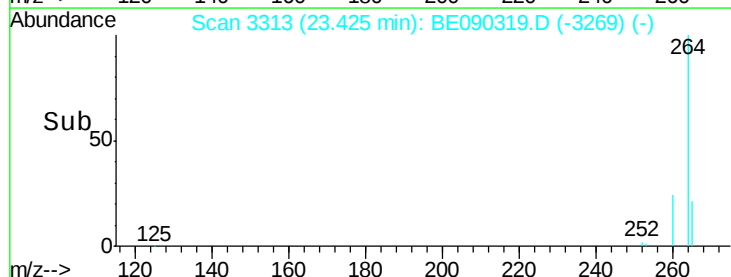
15000

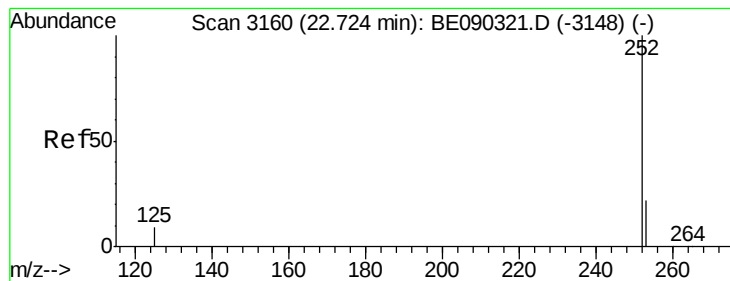
10000

5000

0

Time-->





#33

Benzo(b)fluoranthene

Concen: 0.55 ng

RT: 22.72 min Scan# 3158

Delta R.T. -0.01 min

Lab File: BE090319.D

Acq: 3 Aug 2015 21:13

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.5

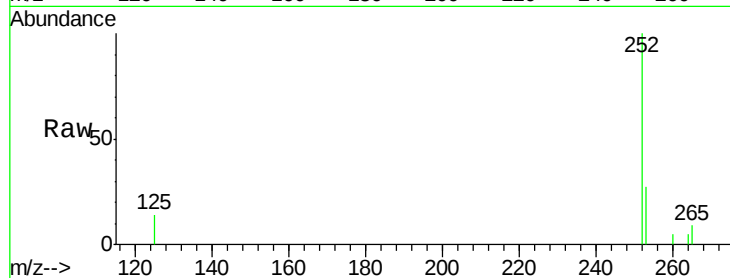
Tot Ion:252 Resp: 2005

Ion Ratio Lower Upper

252 100

253 27.5 21.5 32.3

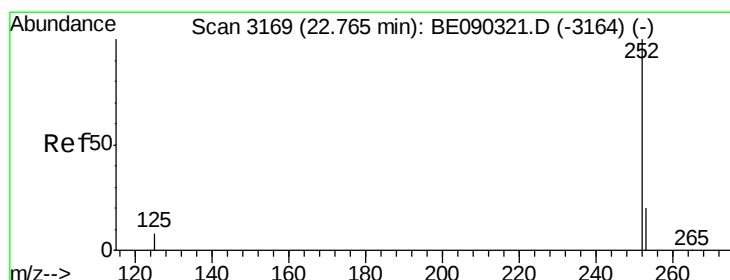
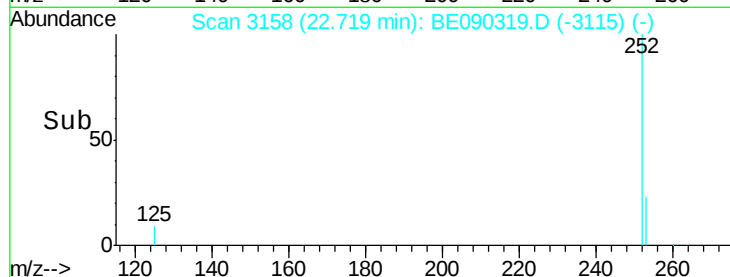
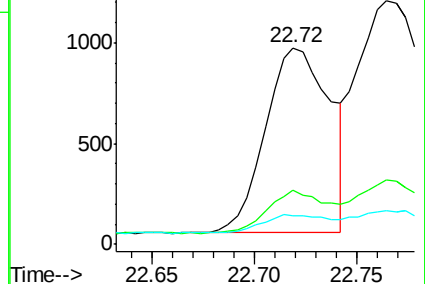
125 14.4 11.8 17.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#34

Benzo(k)fluoranthene

Concen: 0.42 ng

RT: 22.76 min Scan# 3168

Delta R.T. -0.00 min

Lab File: BE090319.D

Acq: 3 Aug 2015 21:13

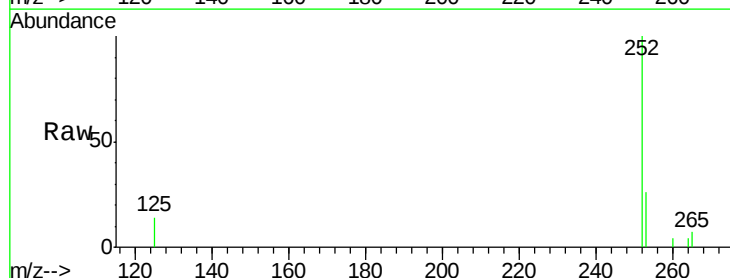
Tgt Ion:252 Resp: 4057

Ion Ratio Lower Upper

252 100

253 26.3 19.9 29.9

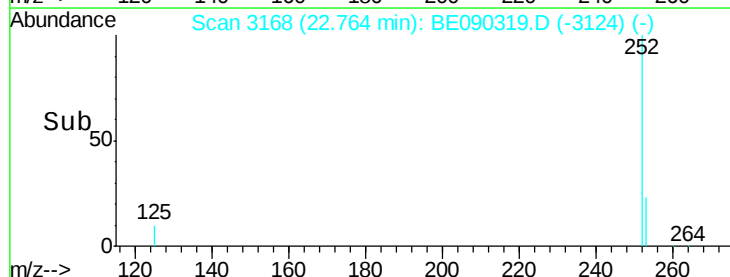
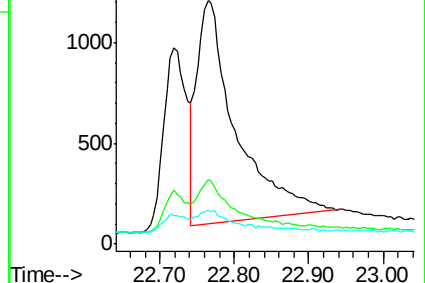
125 13.9 11.2 16.8

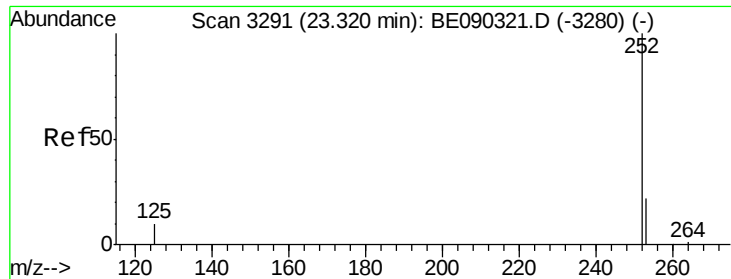


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#35

Benzo(a)pyrene

Concen: 0.48 ng

RT: 23.32 min Scan# 3289

Delta R.T. -0.01 min

Lab File: BE090319.D

Acq: 3 Aug 2015 21:13

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.5

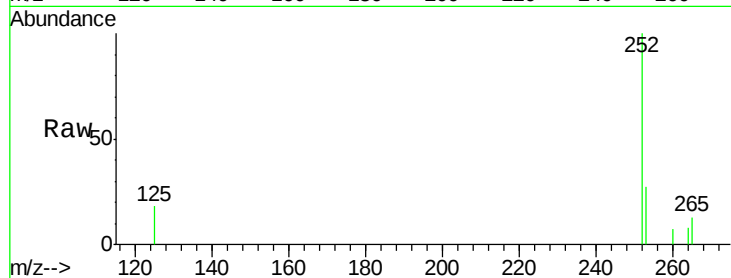
Tot Ion:252 Resp: 2054

Ion Ratio Lower Upper

252 100

253 26.6 23.0 34.4

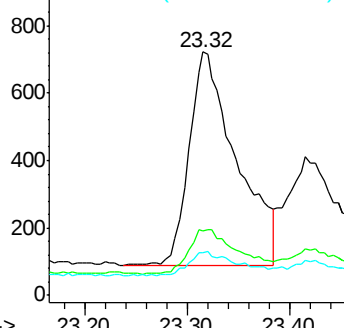
125 17.6 14.2 21.2



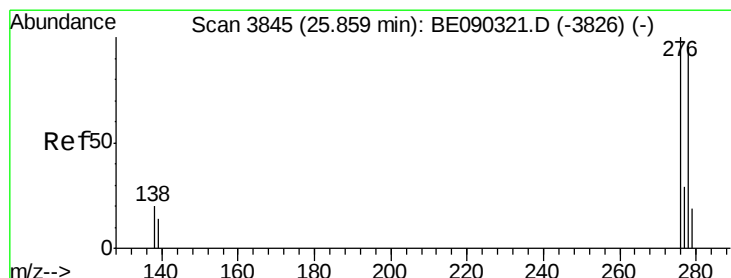
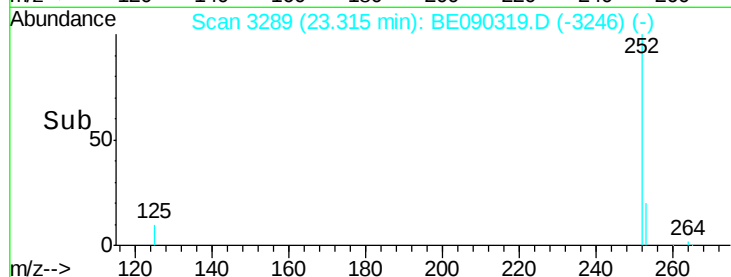
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->



#36

Dibenzo(a,h)anthracene

Concen: 0.47 ng

RT: 25.84 min Scan# 3840

Delta R.T. -0.02 min

Lab File: BE090319.D

Acq: 3 Aug 2015 21:13

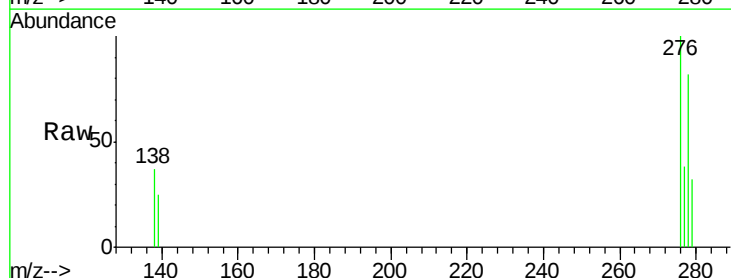
Tgt Ion:278 Resp: 984

Ion Ratio Lower Upper

278 100

139 30.6 27.8 41.6

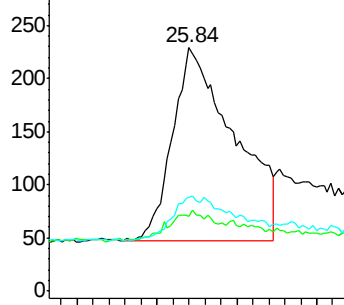
279 38.4 30.9 46.3



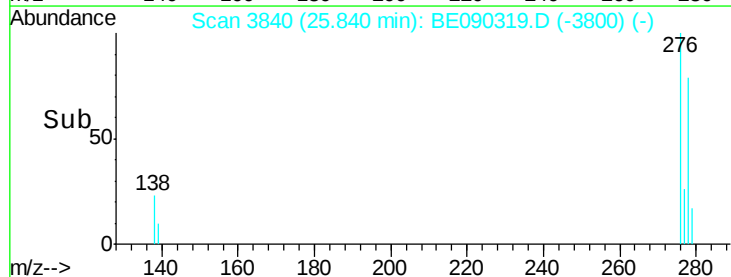
Abundance Ion 278.00 (277.70 to 278.70): E

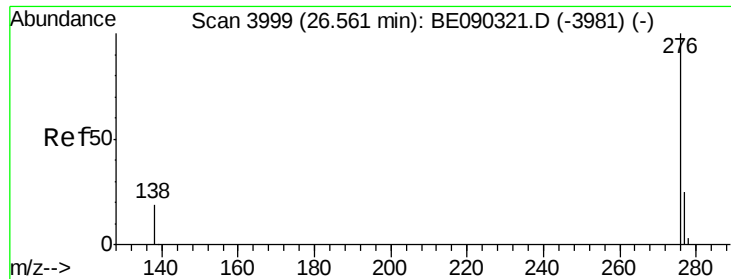
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->





#37

Benzo(a,h,i)perylene

Concen: 0.57 ng

RT: 26.56 min Scan# 3997

Delta R.T. -0.00 min

Lab File: BE090319.D

Acq: 3 Aug 2015 21:13

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.5

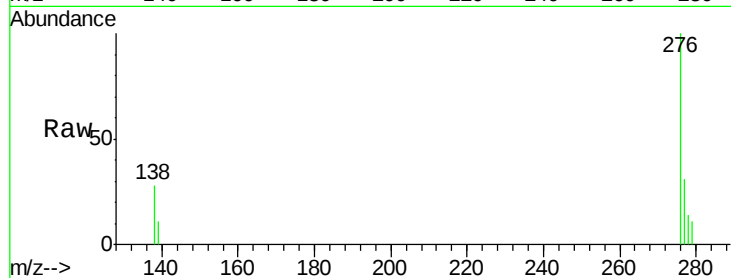
Tot Ion:276 Resp: 2581

Ion Ratio Lower Upper

276 100

277 30.8 25.6 38.4

138 27.6 22.0 33.0



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

26.56

400

200

0

26.40 26.60 26.80

Time-->

