

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE090115\
 Data File : BE090686.D
 Acq On : 2 Sep 2015 3:11
 Operator : UM/IZ
 Sample : PB85319BS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB85319BS

Quant Time: Sep 02 12:19:29 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

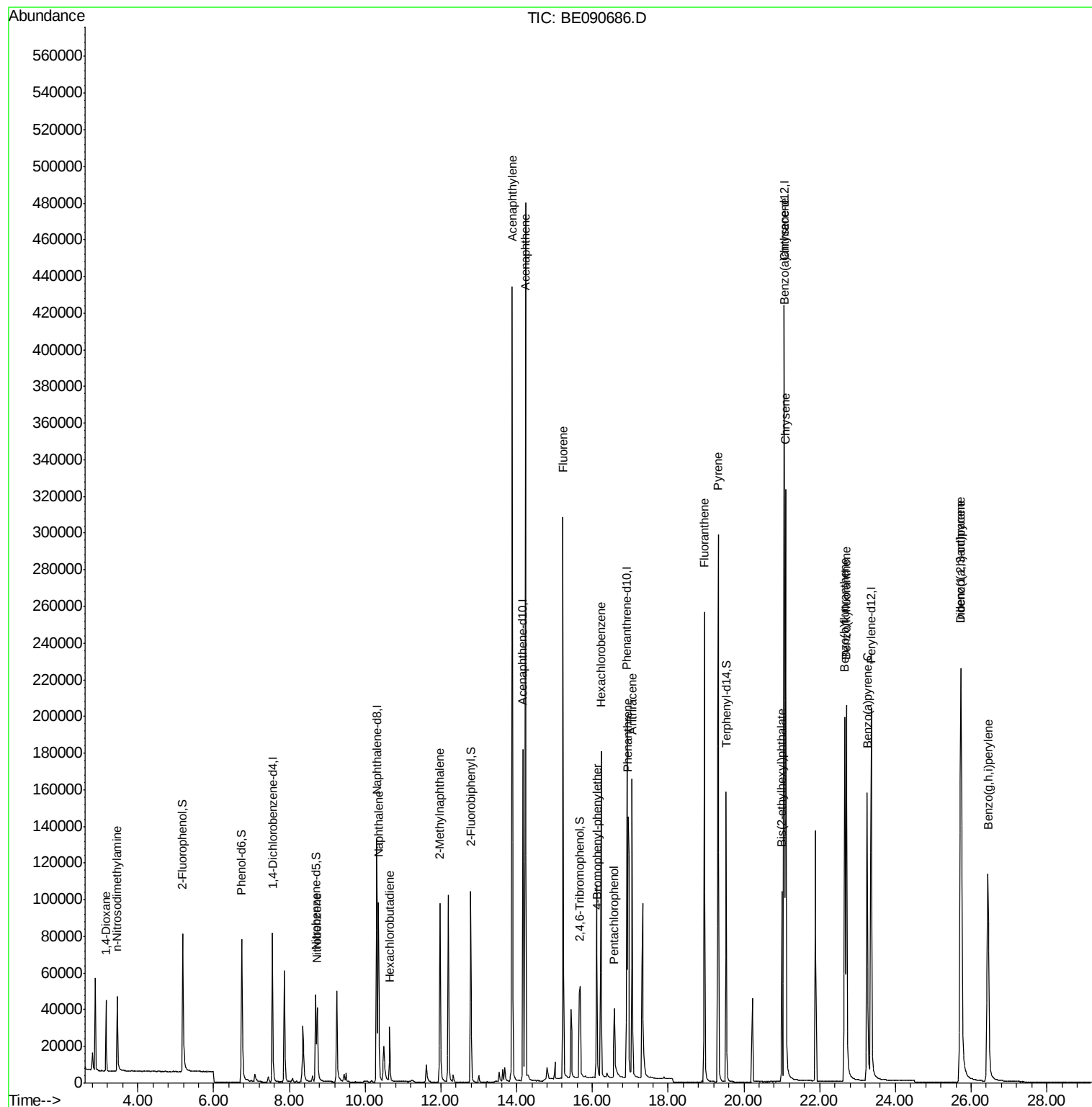
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	42152	5.00	ng	0.00
6) Naphthalene-d8	10.31	136	191238	5.00	ng	0.00
12) Acenaphthene-d10	14.17	164	99468	5.00	ng	0.00
18) Phenanthrene-d10	16.91	188	239288	5.00	ng	0.00
25) Chrysene-d12	21.07	240	320745	5.00	ng	0.00
32) Perylene-d12	23.36	264	287710	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.18	112	70377	8.56	ng	0.00
5) Phenol-d6	6.74	99	105863	9.02	ng	0.00
7) Nitrobenzene-d5	8.69	82	52277	4.14	ng	-0.01
13) 2,4,6-Tribromophenol	15.67	330	27312	9.33	ng	0.00
14) 2-Fluorobiphenyl	12.79	172	102304	3.71	ng	0.00
27) Terphenyl-d14	19.53	244	171668	4.84	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.15	88	20351	3.67	ng	97
3) n-Nitrosodimethylamine	3.45	42	25274	3.36	ng	96
8) Nitrobenzene	8.73	77	52626	3.42	ng	98
9) Naphthalene	10.35	128	137524	3.30	ng	100
10) Hexachlorobutadiene	10.65	225	20874	3.20	ng	99
11) 2-Methylnaphthalene	11.97	142	84822	3.76	ng	99
15) Acenaphthylene	13.89	152	577212	3.63	ng	100
16) Acenaphthene	14.23	154	91151	3.43	ng	93
17) Fluorene	15.22	166	124526	3.76	ng	96
19) 4-Bromophenyl-phenylether	16.13	248	30326	3.72	ng	94
20) Hexachlorobenzene	16.23	284	154489	3.94	ng	96
21) Pentachlorophenol	16.58	266	25091	7.58	ng	96
22) Phenanthrene	16.94	178	213107	3.60	ng	99
23) Anthracene	17.05	178	198841	4.02	ng	99
24) Fluoranthene	18.96	202	244389	3.92	ng	99
26) Pyrene	19.32	202	275881	4.16	ng	99
28) Benzo(a)anthracene	21.05	228	278550	3.96	ng	98
29) Chrysene	21.11	228	289828	3.90	ng	99
30) Bis(2-ethylhexyl)phthalate	21.01	149	89776	3.93	ng	99
31) Indeno(1,2,3-cd)pyrene	25.72	276	308709	4.07	ng	99
33) Benzo(b)fluoranthene	22.66	252	260048	4.17	ng	99
34) Benzo(k)fluoranthene	22.71	252	293634	4.04	ng	99
35) Benzo(a)pyrene	23.26	252	244022	4.37	ng	99
36) Dibenzo(a,h)anthracene	25.74	278	254428	3.77	ng	100
37) Benzo(g,h,i)perylene	26.45	276	262326	4.09	ng	99

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

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.55 min Scan# 838

Delta R.T. -0.00 min

Lab File: BE090686.D

Acq: 2 Sep 2015 3:11

Instrument :

BNA_E

ClientSampleId :

PB85319BS

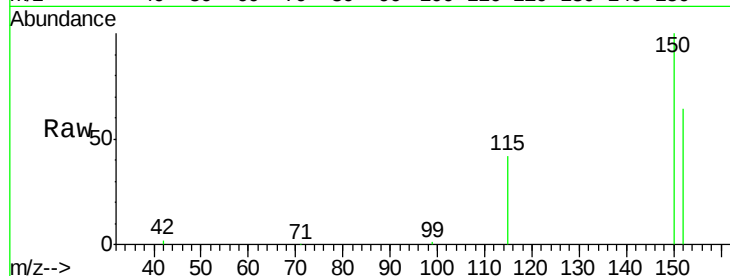
Tgt Ion:152 Resp: 42152

Ion Ratio Lower Upper

152 100

150 157.3 122.2 183.4

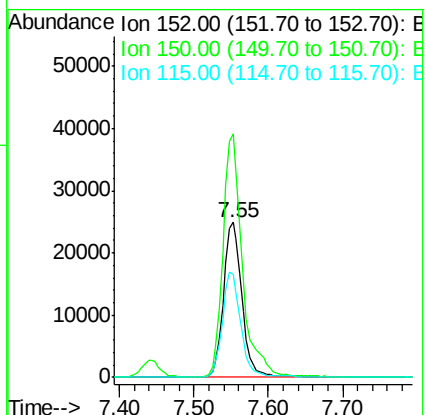
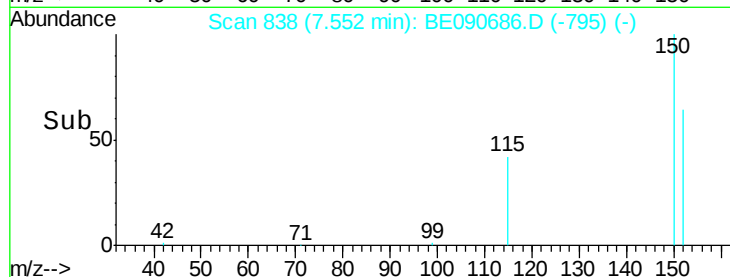
115 66.1 51.0 76.4



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: 3.67 ng

RT: 3.15 min Scan# 82

Delta R.T. -0.01 min

Lab File: BE090686.D

Acq: 2 Sep 2015 3:11

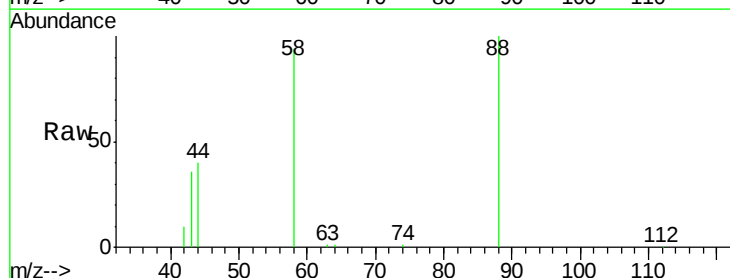
Tgt Ion: 88 Resp: 20351

Ion Ratio Lower Upper

88 100

58 89.3 68.4 102.6

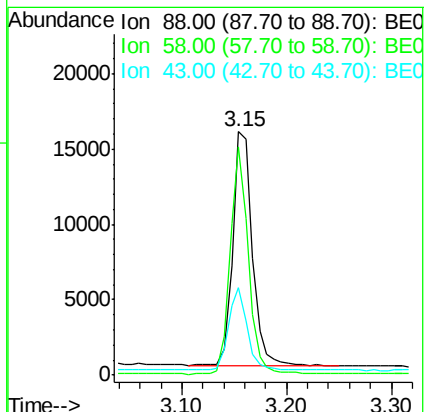
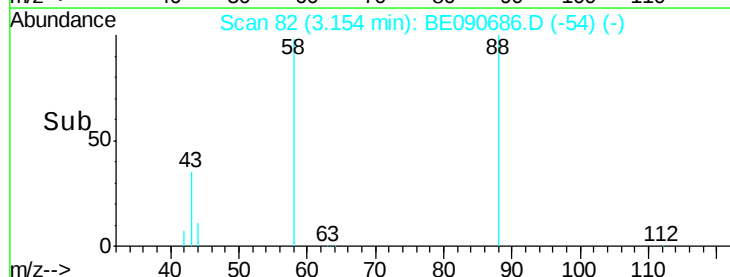
43 32.7 26.9 40.3



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: 3.36 ng

RT: 3.45 min Scan# 126

Delta R.T. 0.00 min

Lab File: BE090686.D

Acq: 2 Sep 2015 3:11

Instrument :

BNA_E

ClientSampleId :

PB85319BS

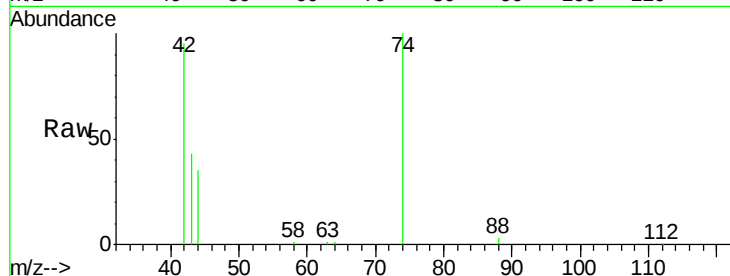
Tgt Ion: 42 Resp: 25274

Ion Ratio Lower Upper

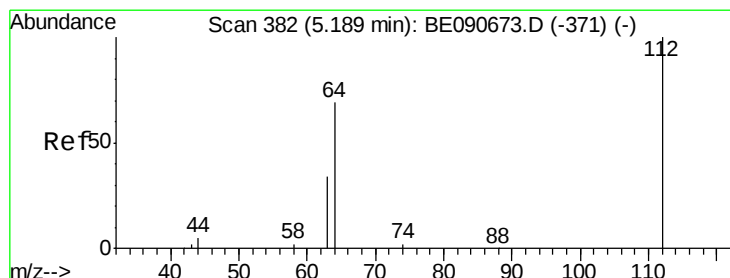
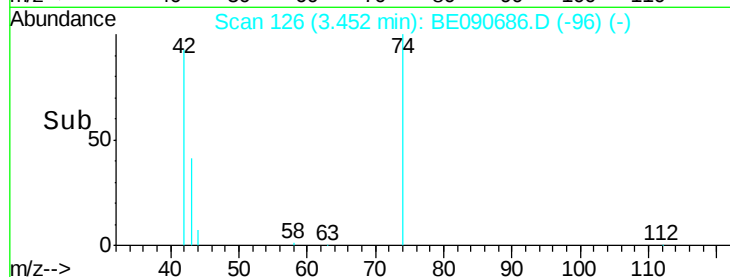
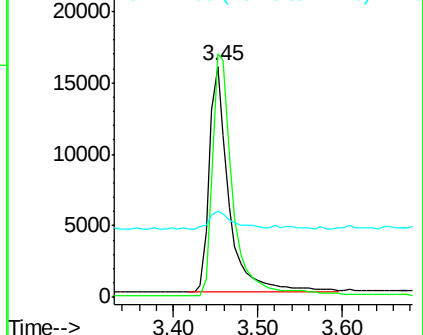
42 100

74 108.7 83.7 125.5

44 10.0 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: 8.56 ng

RT: 5.18 min Scan# 381

Delta R.T. -0.01 min

Lab File: BE090686.D

Acq: 2 Sep 2015 3:11

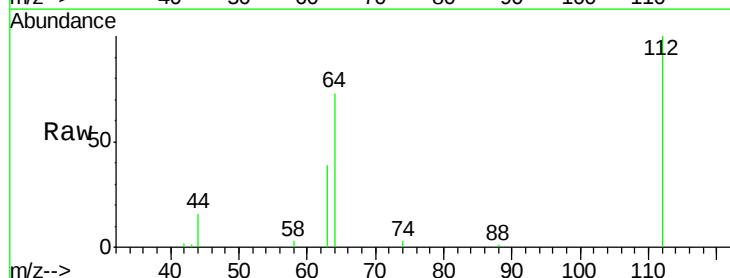
Tgt Ion: 112 Resp: 70377

Ion Ratio Lower Upper

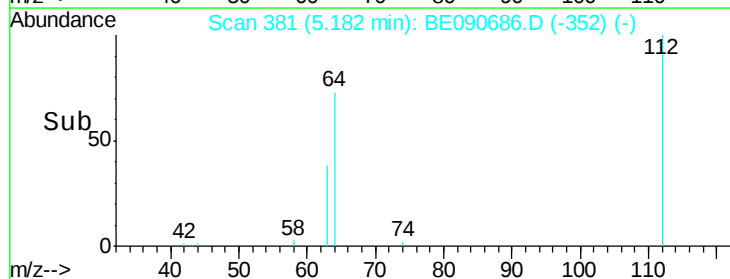
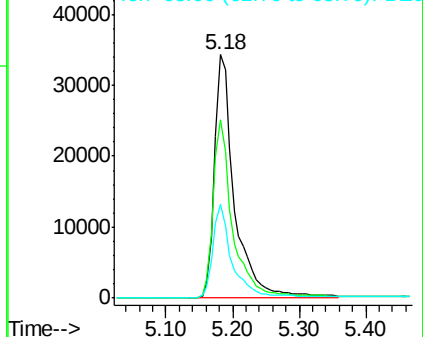
112 100

64 71.4 57.3 85.9

63 36.8 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: 9.02 ng

RT: 6.74 min Scan# 660

Delta R.T. -0.01 min

Lab File: BE090686.D

Acq: 2 Sep 2015 3:11

Instrument :

BNA_E

ClientSampleId :

PB85319BS

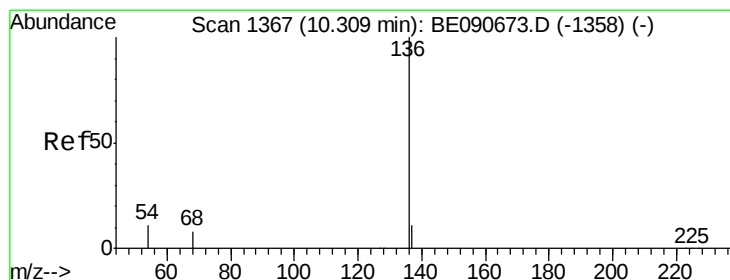
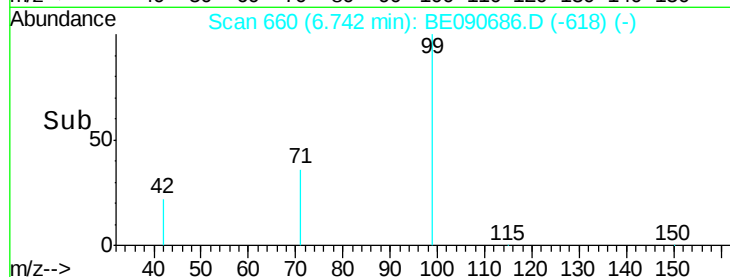
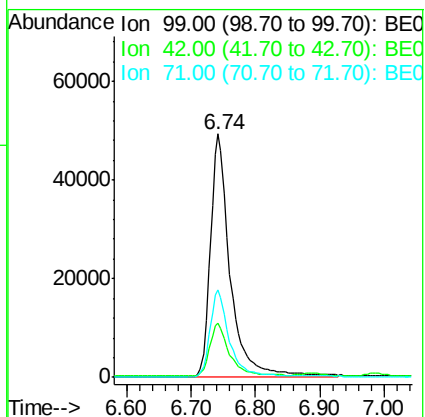
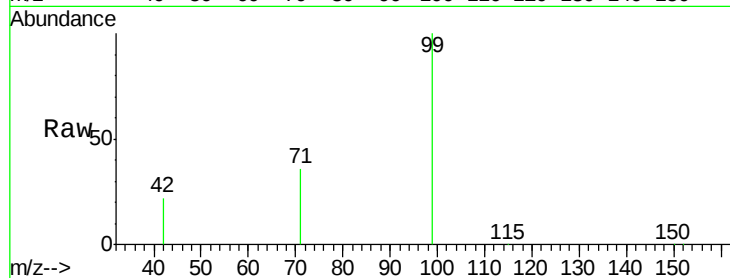
Tgt Ion: 99 Resp: 105863

Ion Ratio Lower Upper

99 100

42 21.9 16.8 25.2

71 35.6 28.3 42.5



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.31 min Scan# 1367

Delta R.T. -0.00 min

Lab File: BE090686.D

Acq: 2 Sep 2015 3:11

Tgt Ion: 136 Resp: 191238

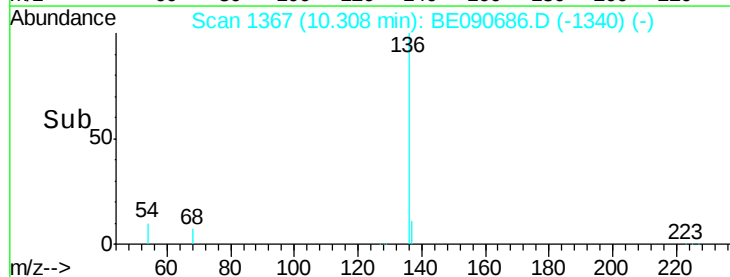
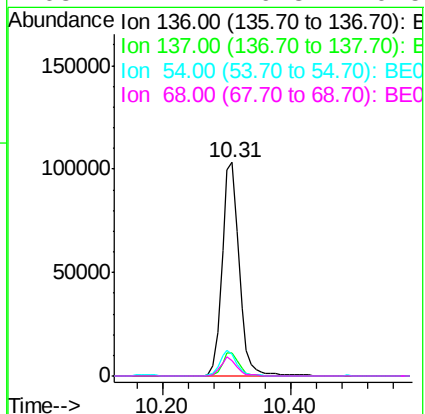
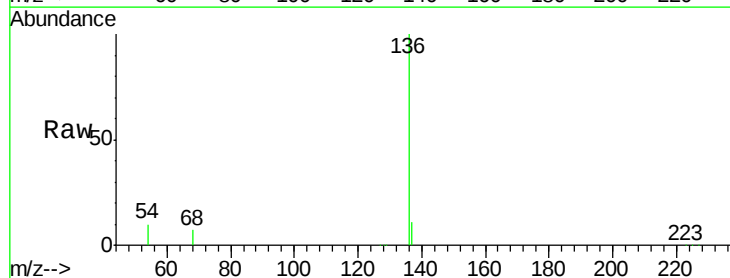
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 10.0 9.0 13.6

68 7.4 6.3 9.5





#7

Nitrobenzene-d5

Concen: 4.14 ng

RT: 8.69 min Scan# 1085

Delta R.T. -0.01 min

Lab File: BE090686.D

Acq: 2 Sep 2015 3:11

Instrument :

BNA_E

ClientSampleId :

PB85319BS

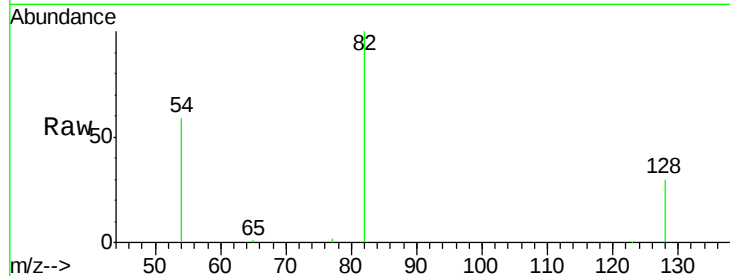
Tgt Ion: 82 Resp: 52277

Ion Ratio Lower Upper

82 100

128 30.1 25.0 37.4

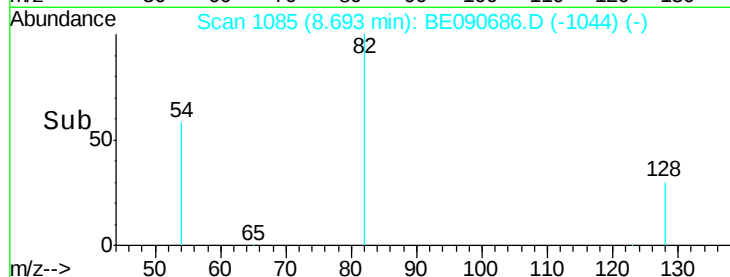
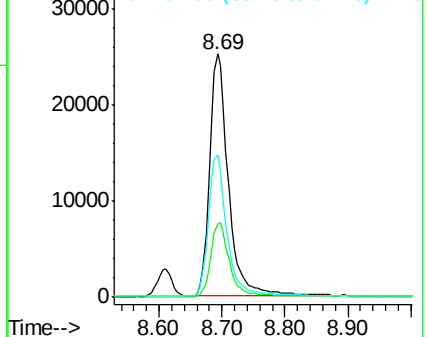
54 58.5 46.3 69.5



Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0



#8

Nitrobenzene

Concen: 3.42 ng

RT: 8.73 min Scan# 1094

Delta R.T. -0.01 min

Lab File: BE090686.D

Acq: 2 Sep 2015 3:11

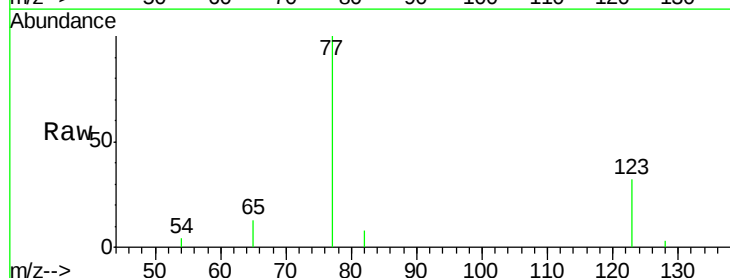
Tgt Ion: 77 Resp: 52626

Ion Ratio Lower Upper

77 100

123 32.7 25.1 37.7

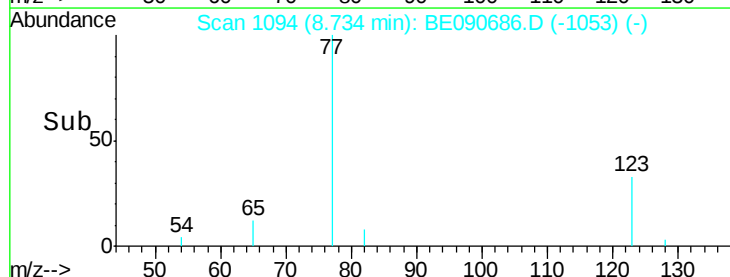
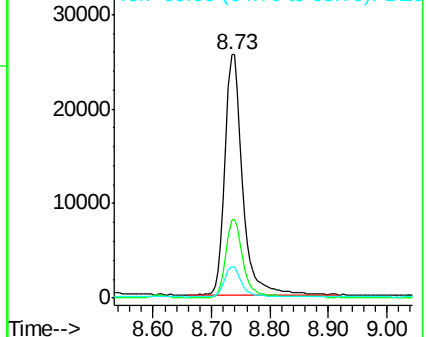
65 12.0 9.9 14.9



Abundance Ion 77.00 (76.70 to 77.70): BE0

Ion 123.00 (122.70 to 123.70): BE0

Ion 65.00 (64.70 to 65.70): BE0





#9

Naphthalene

Concen: 3.30 ng

RT: 10.35 min Scan# 1373

Delta R.T. -0.01 min

Lab File: BE090686.D

Acq: 2 Sep 2015 3:11

Instrument :

BNA_E

ClientSampleId :

PB85319BS

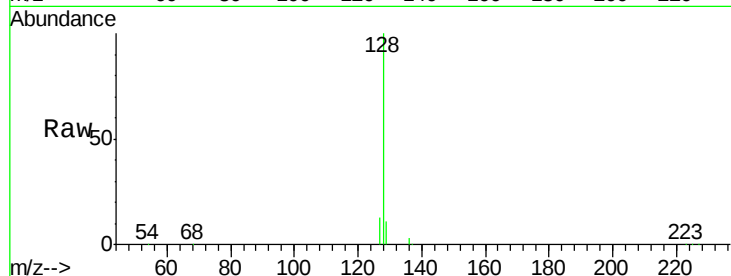
Tgt Ion:128 Resp: 137524

Ion Ratio Lower Upper

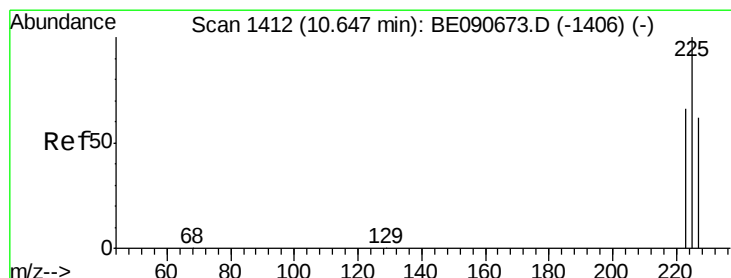
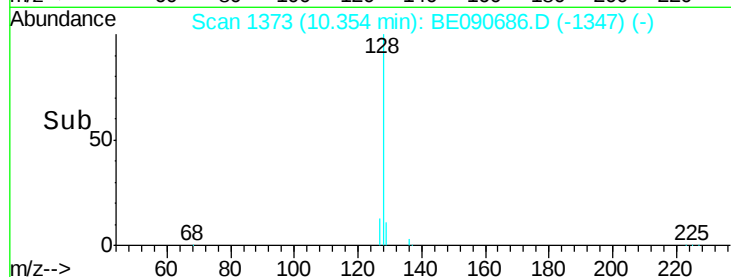
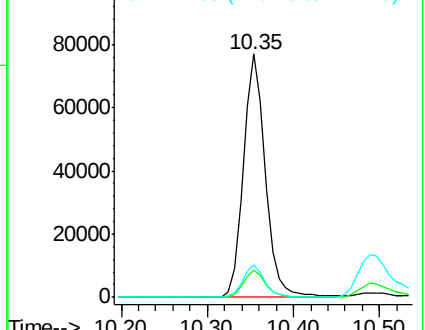
128 100

129 11.0 9.0 13.6

127 13.1 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: 3.20 ng

RT: 10.65 min Scan# 1412

Delta R.T. -0.00 min

Lab File: BE090686.D

Acq: 2 Sep 2015 3:11

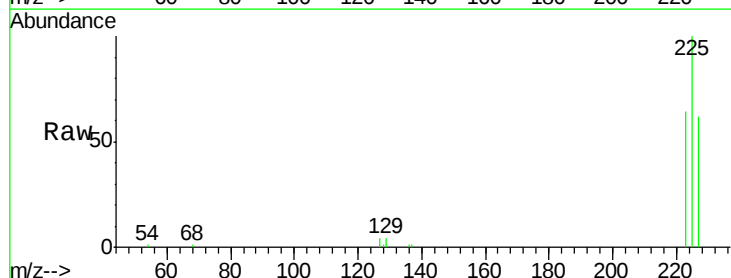
Tgt Ion:225 Resp: 20874

Ion Ratio Lower Upper

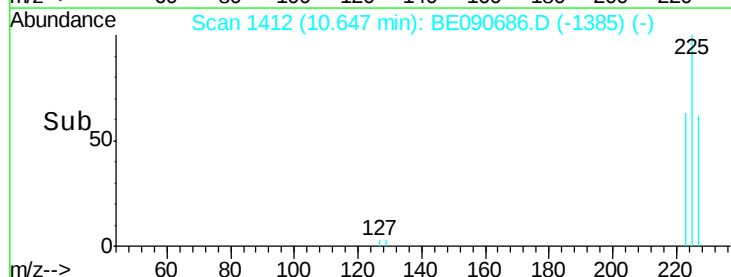
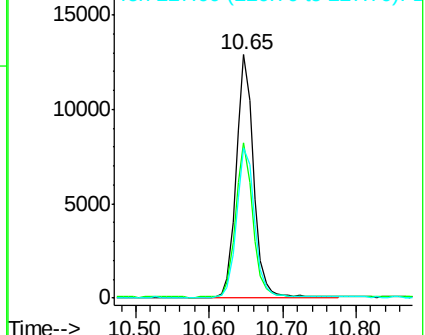
225 100

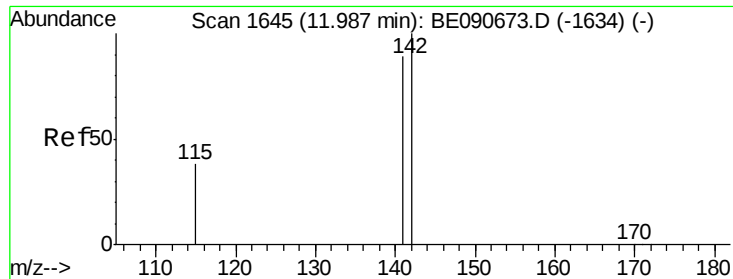
223 63.6 50.6 76.0

227 64.3 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

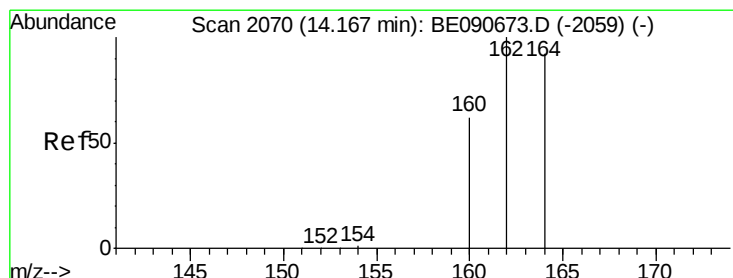
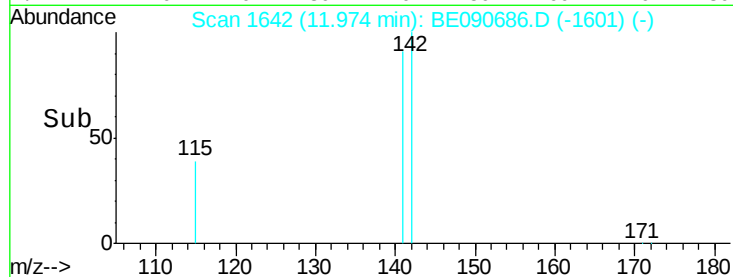
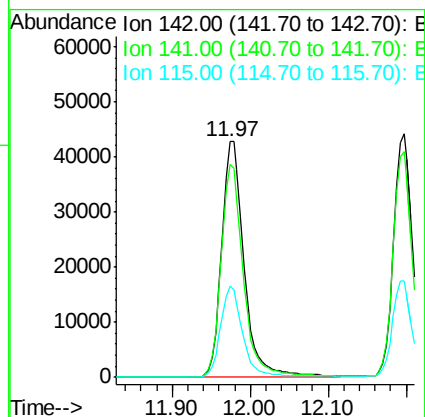
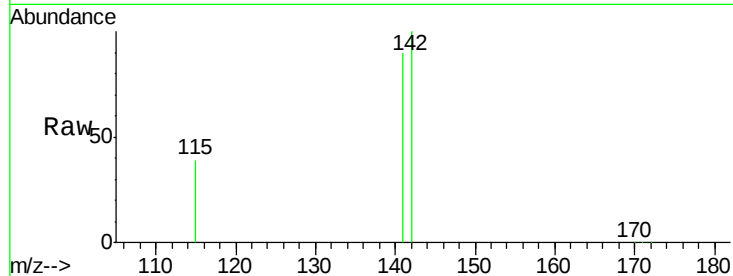




#11
2-Methylnaphthalene
Concen: 3.76 ng
RT: 11.97 min Scan# 1642
Delta R.T. -0.01 min
Lab File: BE090686.D
Acq: 2 Sep 2015 3:11

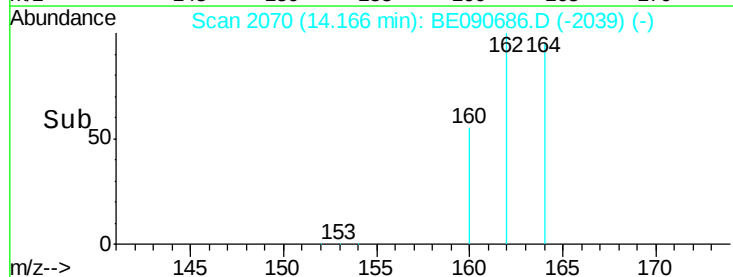
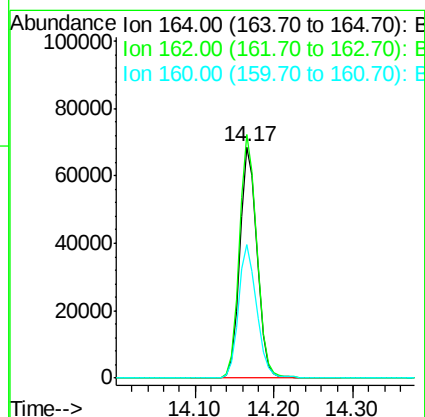
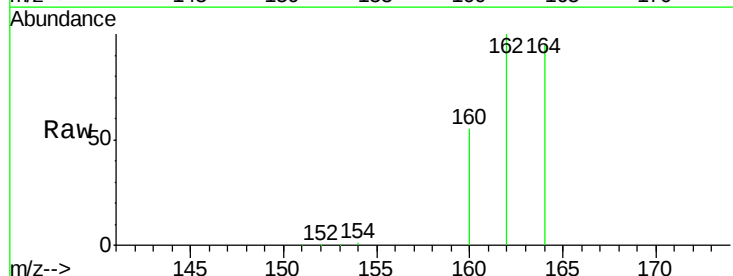
Instrument :
BNA_E
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Tgt Ion:142 Resp: 84822
Ion Ratio Lower Upper
142 100
141 90.3 71.4 107.2
115 38.6 31.0 46.4



#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.17 min Scan# 2070
Delta R.T. -0.00 min
Lab File: BE090686.D
Acq: 2 Sep 2015 3:11

Tgt Ion:164 Resp: 99468
Ion Ratio Lower Upper
164 100
162 105.3 86.8 130.2
160 57.8 53.9 80.9

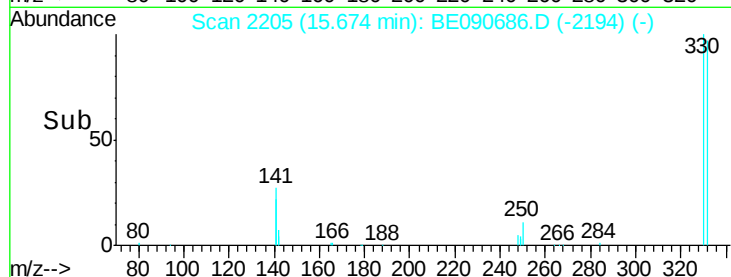
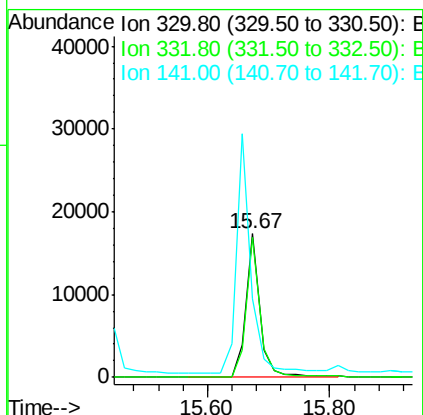
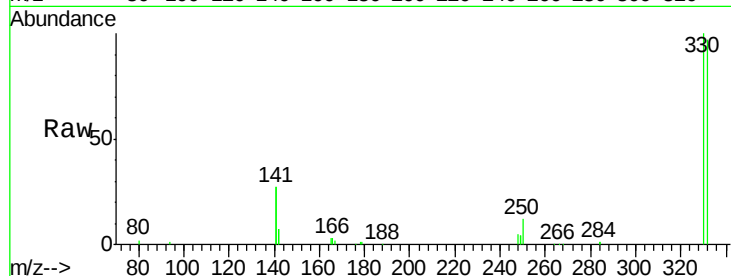




#13
 2,4,6-Tribromophenol
 Concen: 9.33 ng
 RT: 15.67 min Scan# 2205
 Delta R.T. -0.00 min
 Lab File: BE090686.D
 Acq: 2 Sep 2015 3:11

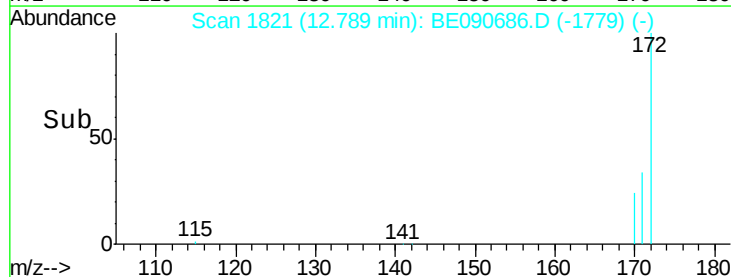
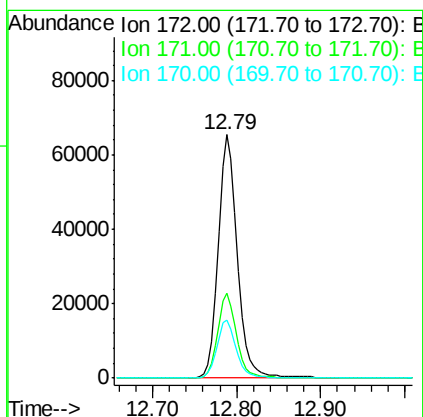
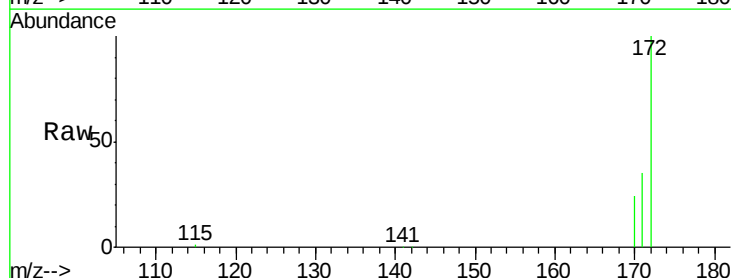
Instrument :
 BNA_E
 ClientSampleId :
 PB85319BS

Tgt Ion: 330 Resp: 27312
 Ion Ratio Lower Upper
 330 100
 332 96.7 74.9 112.3
 141 171.5 145.2 217.8



#14
 2-Fluorobiphenyl
 Concen: 3.71 ng
 RT: 12.79 min Scan# 1821
 Delta R.T. -0.01 min
 Lab File: BE090686.D
 Acq: 2 Sep 2015 3:11

Tgt Ion: 172 Resp: 102304
 Ion Ratio Lower Upper
 172 100
 171 34.7 27.8 41.8
 170 23.8 19.8 29.6





#15

Acenaphthylene

Concen: 3.63 ng

RT: 13.89 min Scan# 2027

Delta R.T. -0.00 min

Lab File: BE090686.D

Acq: 2 Sep 2015 3:11

Instrument :

BNA_E

ClientSampleId :

PB85319BS

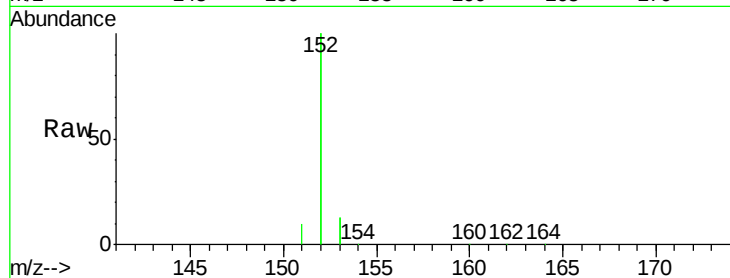
Tgt Ion:152 Resp: 577212

Ion Ratio Lower Upper

152 100

151 4.8 3.9 5.9

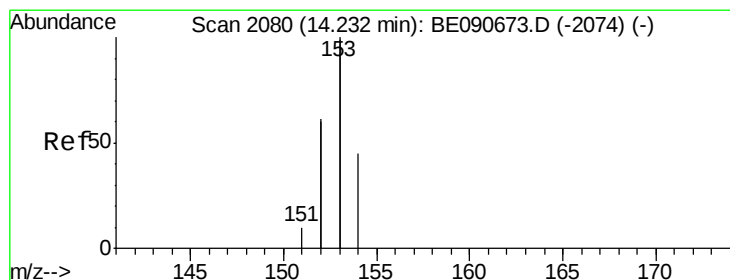
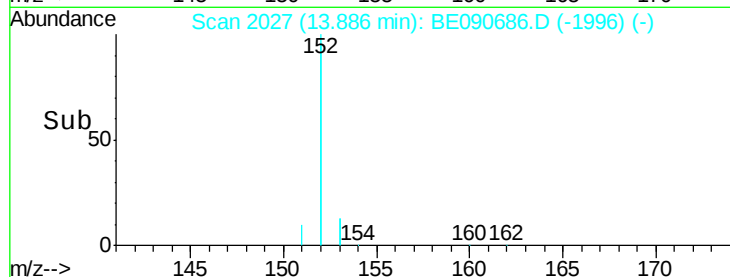
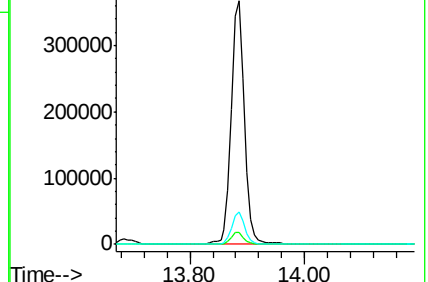
153 13.0 10.3 15.5



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: 3.43 ng

RT: 14.23 min Scan# 2080

Delta R.T. -0.00 min

Lab File: BE090686.D

Acq: 2 Sep 2015 3:11

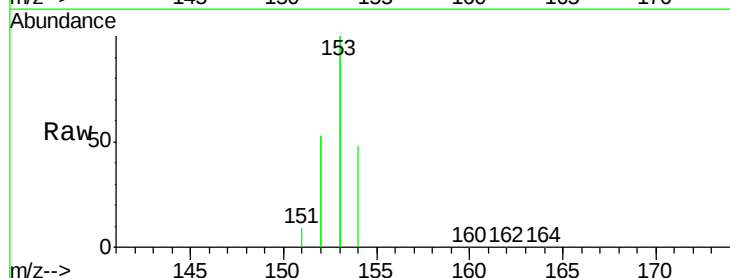
Tgt Ion:154 Resp: 91151

Ion Ratio Lower Upper

154 100

153 440.7 354.5 531.7

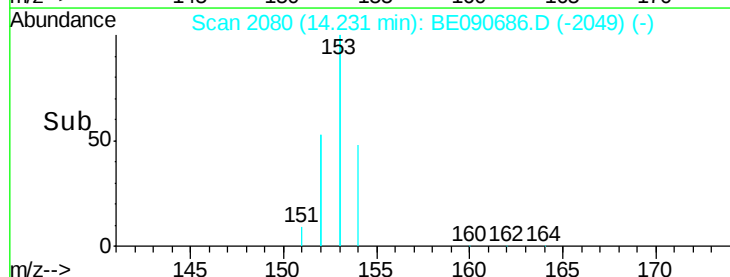
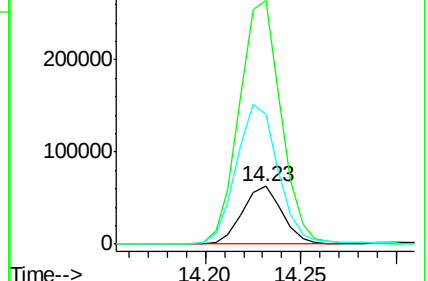
152 254.3 227.8 341.6



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

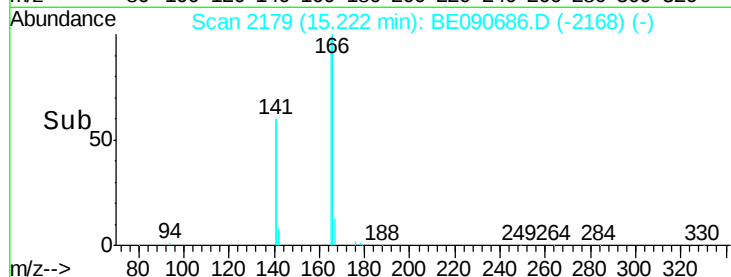
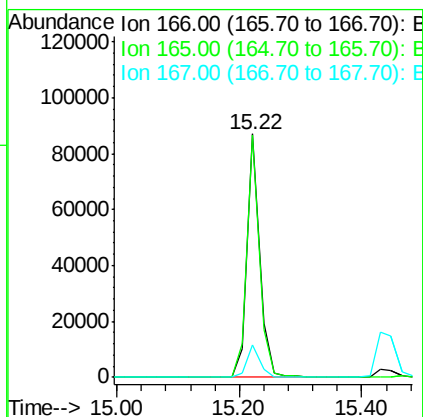
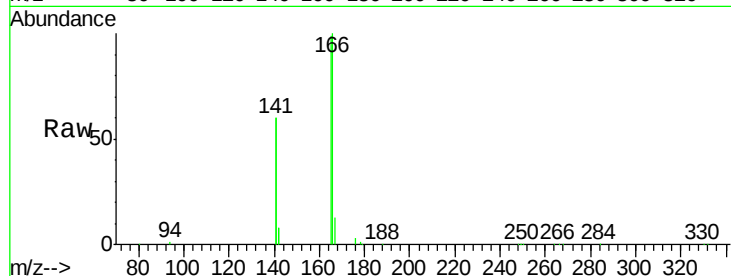




#17
Fluorene
 Concen: 3.76 ng
 RT: 15.22 min Scan# 2179
 Delta R.T. -0.00 min
 Lab File: BE090686.D
 Acq: 2 Sep 2015 3:11

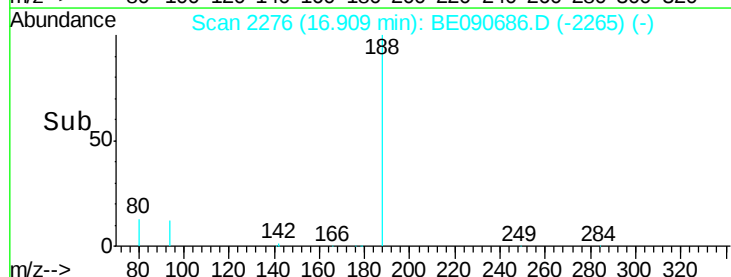
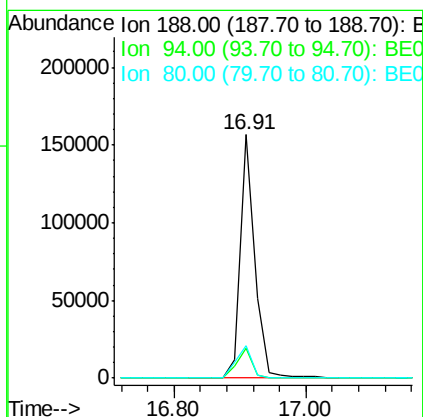
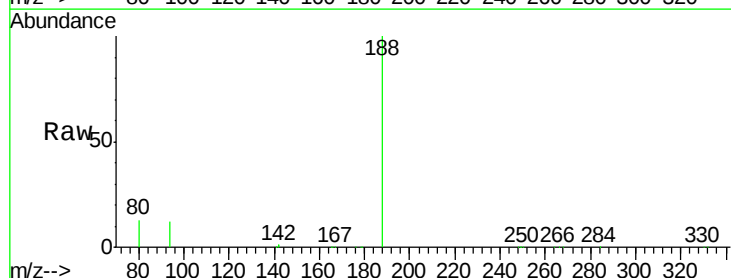
Instrument :
 BNA_E
 ClientSampleId :
 PB85319BS

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.1	82.7	124.1
167	13.5	10.7	16.1



#18
Phenanthrene-d10
 Concen: 5.00 ng
 RT: 16.91 min Scan# 2276
 Delta R.T. -0.00 min
 Lab File: BE090686.D
 Acq: 2 Sep 2015 3:11

Tgt Ion	Ratio	Lower	Upper
188	100		
94	12.0	10.3	15.5
80	13.1	11.0	16.6

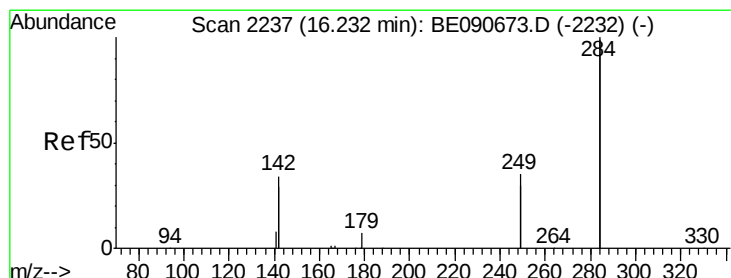
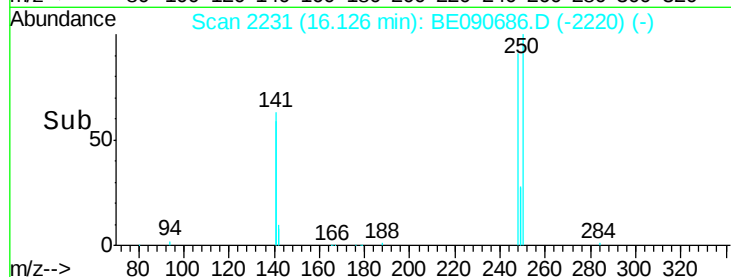
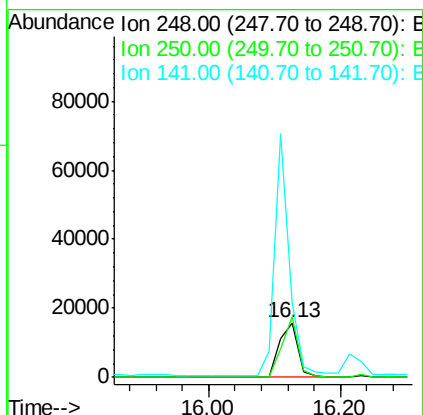
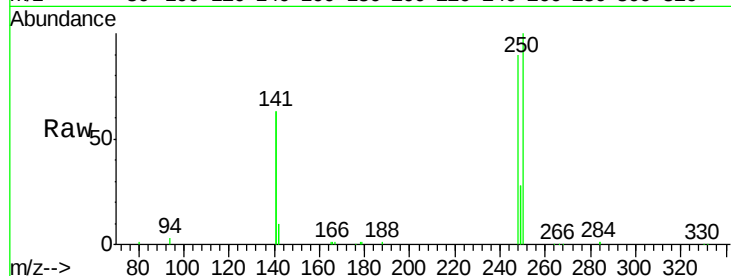




#19
4-Bromophenyl-phenylether
Concen: 3.72 ng
RT: 16.13 min Scan# 2231
Delta R.T. -0.00 min
Lab File: BE090686.D
Acq: 2 Sep 2015 3:11

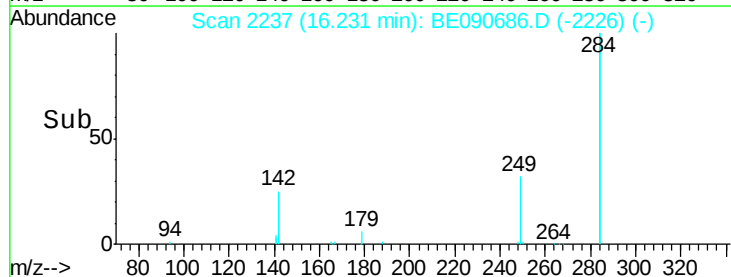
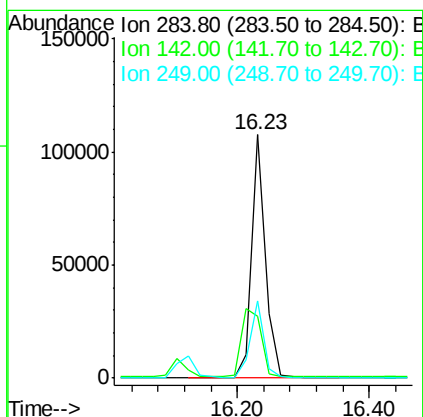
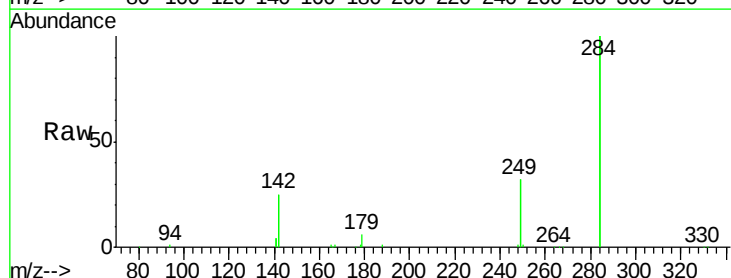
Instrument :
BNA_E
ClientSampleId :
PB85319BS

Tgt Ion:248 Resp: 30326
Ion Ratio Lower Upper
248 100
250 96.3 76.7 115.1
141 350.0 292.6 439.0



#20
Hexachlorobenzene
Concen: 3.94 ng
RT: 16.23 min Scan# 2237
Delta R.T. -0.00 min
Lab File: BE090686.D
Acq: 2 Sep 2015 3:11

Tgt Ion:284 Resp: 154489
Ion Ratio Lower Upper
284 100
142 40.2 35.0 52.4
249 31.2 25.5 38.3





#21

Pentachlorophenol

Concen: 7.58 ng

RT: 16.58 min Scan# 2257

Delta R.T. -0.02 min

Lab File: BE090686.D

Acq: 2 Sep 2015 3:11

Instrument :

BNA_E

ClientSampleId :

PB85319BS

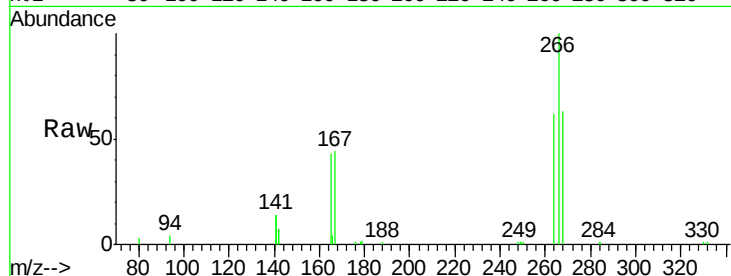
Tgt Ion:266 Resp: 25091

Ion Ratio Lower Upper

266 100

268 62.9 49.6 74.4

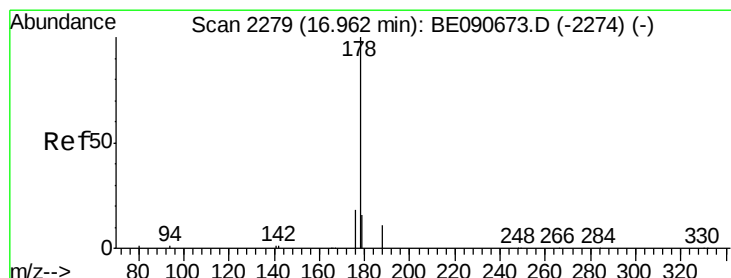
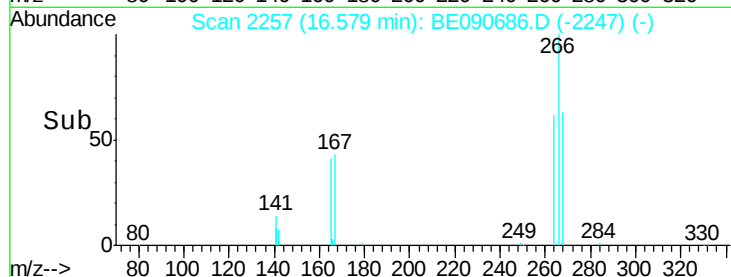
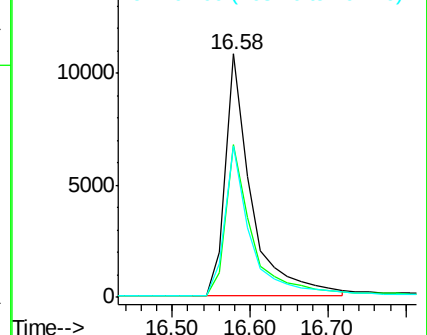
264 62.2 53.9 80.9



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: 3.60 ng

RT: 16.94 min Scan# 2278

Delta R.T. -0.02 min

Lab File: BE090686.D

Acq: 2 Sep 2015 3:11

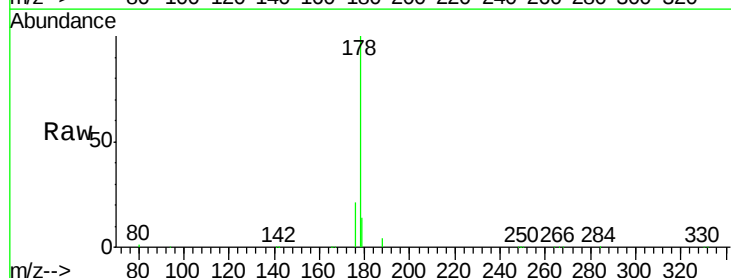
Tgt Ion:178 Resp: 213107

Ion Ratio Lower Upper

178 100

176 19.4 15.6 23.4

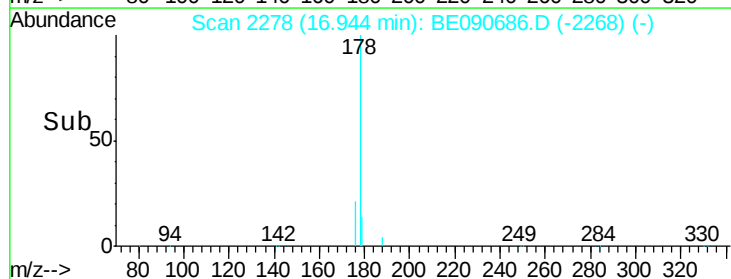
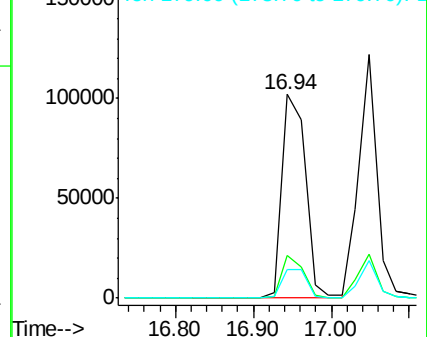
179 15.2 12.8 19.2



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: 4.02 ng

RT: 17.05 min Scan# 2284

Delta R.T. -0.00 min

Lab File: BE090686.D

Acq: 2 Sep 2015 3:11

Instrument :

BNA_E

ClientSampleId :

PB85319BS

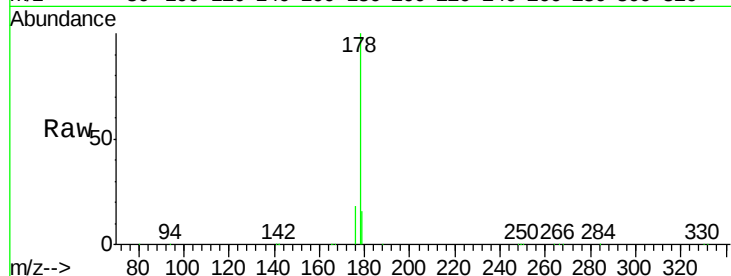
Tgt Ion:178 Resp: 198841

Ion Ratio Lower Upper

178 100

176 18.3 15.0 22.6

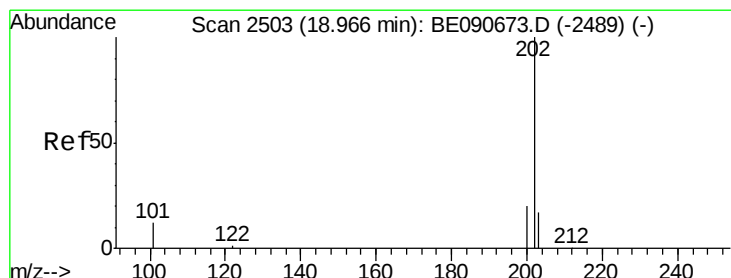
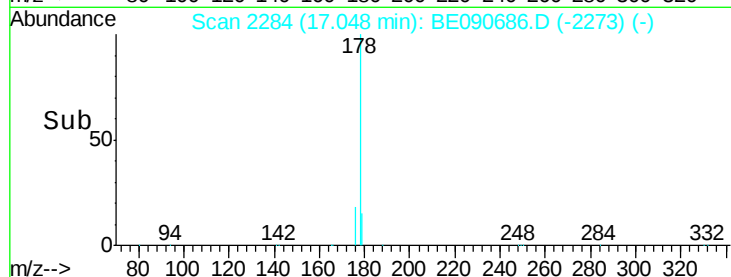
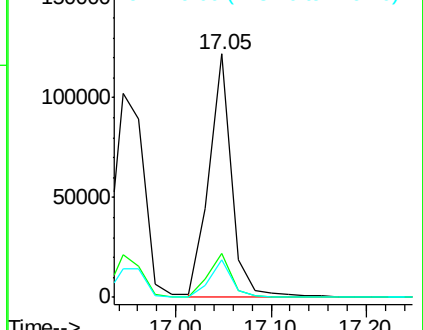
179 15.1 12.3 18.5



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: 3.92 ng

RT: 18.96 min Scan# 2502

Delta R.T. -0.01 min

Lab File: BE090686.D

Acq: 2 Sep 2015 3:11

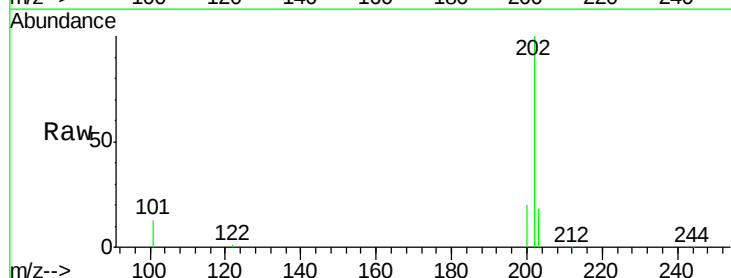
Tgt Ion:202 Resp: 244389

Ion Ratio Lower Upper

202 100

101 14.1 11.0 16.6

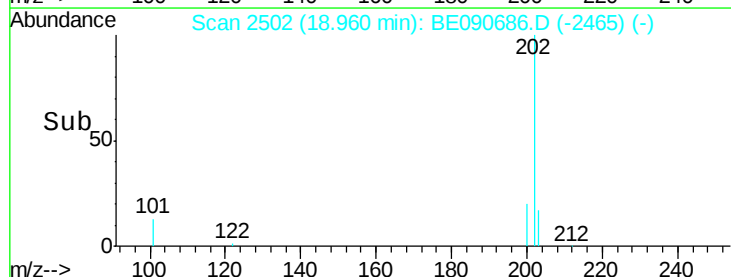
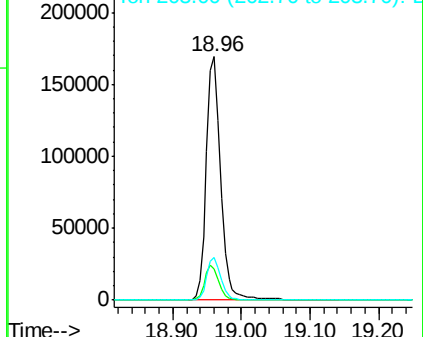
203 17.3 13.9 20.9



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# 2862

Delta R.T. -0.00 min

Lab File: BE090686.D

Acq: 2 Sep 2015 3:11

Instrument :

BNA_E

ClientSampleId :

PB85319BS

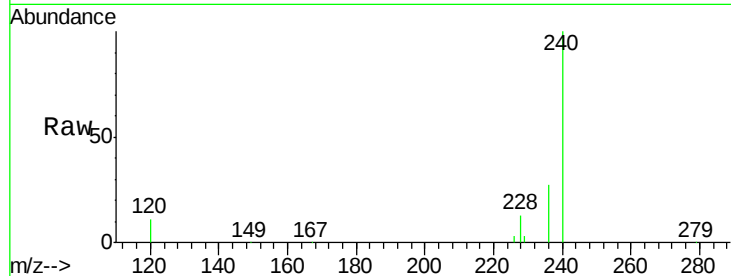
Tgt Ion:240 Resp: 320745

Ion Ratio Lower Upper

240 100

120 10.8 10.1 15.1

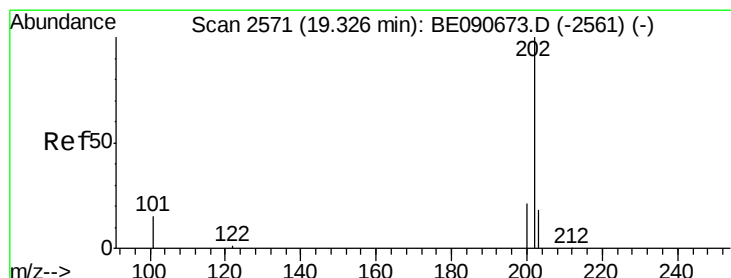
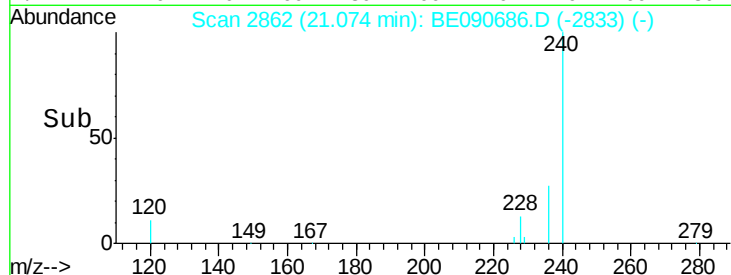
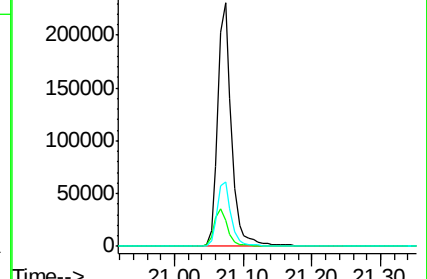
236 26.5 21.9 32.9



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: 4.16 ng

RT: 19.32 min Scan# 2570

Delta R.T. -0.01 min

Lab File: BE090686.D

Acq: 2 Sep 2015 3:11

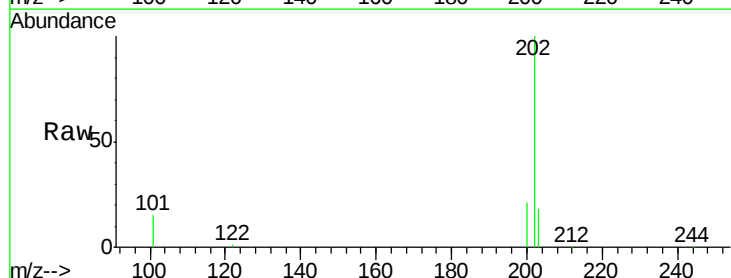
Tgt Ion:202 Resp: 275881

Ion Ratio Lower Upper

202 100

200 21.2 16.7 25.1

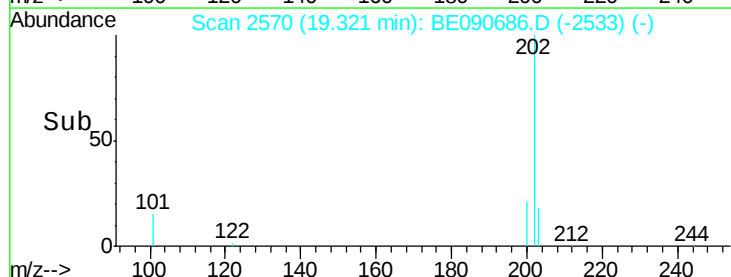
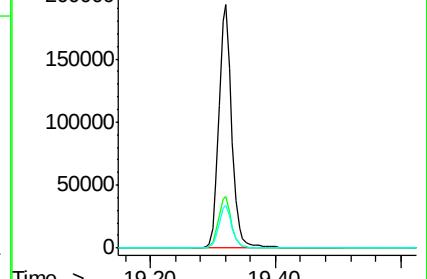
203 17.8 13.8 20.6



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

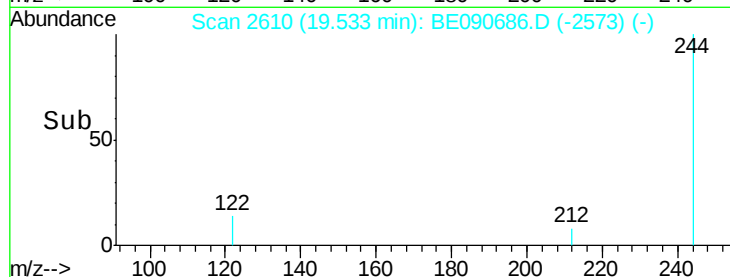
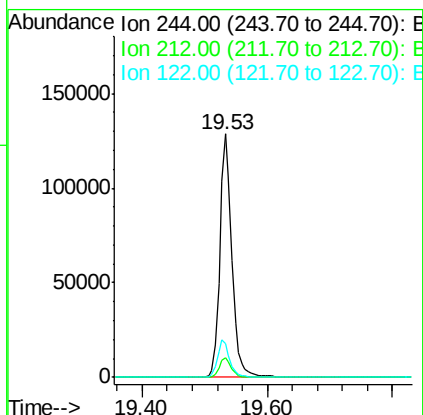
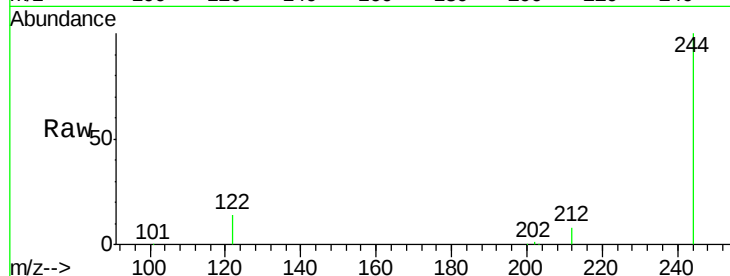




#27
 Terphenyl-d14
 Concen: 4.84 ng
 RT: 19.53 min Scan# 2610
 Delta R.T. -0.01 min
 Lab File: BE090686.D
 Acq: 2 Sep 2015 3:11

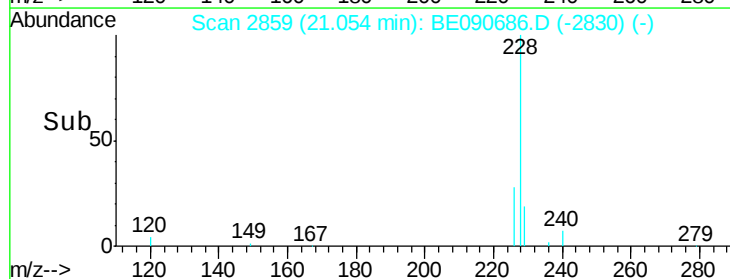
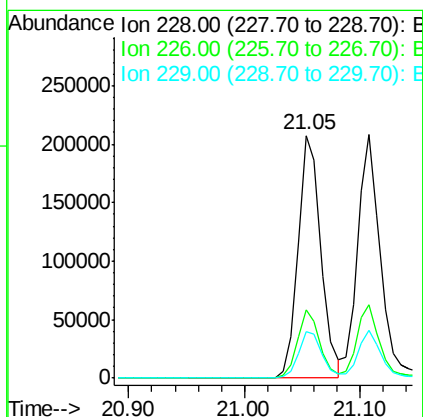
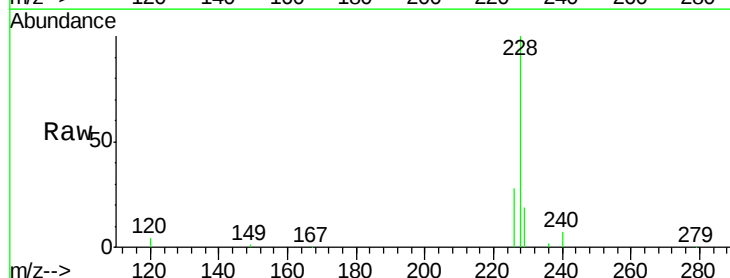
Instrument :
 BNA_E
 ClientSampleId :
 PB85319BS

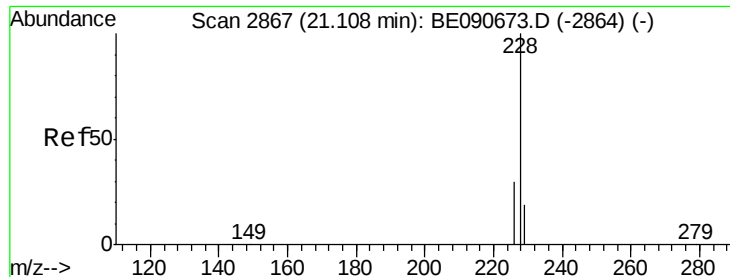
Tgt Ion: 244 Resp: 171668
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.9 10.3
 122 14.0 12.9 19.3



#28
 Benzo(a)anthracene
 Concen: 3.96 ng
 RT: 21.05 min Scan# 2859
 Delta R.T. -0.01 min
 Lab File: BE090686.D
 Acq: 2 Sep 2015 3:11

Tgt Ion: 228 Resp: 278550
 Ion Ratio Lower Upper
 228 100
 226 27.9 21.6 32.4
 229 19.1 15.9 23.9





#29

Chrysene

Concen: 3.90 ng

RT: 21.11 min Scan# 2867

Delta R.T. 0.00 min

Lab File: BE090686.D

Acq: 2 Sep 2015 3:11

Instrument :

BNA_E

ClientSampleId :

PB85319BS

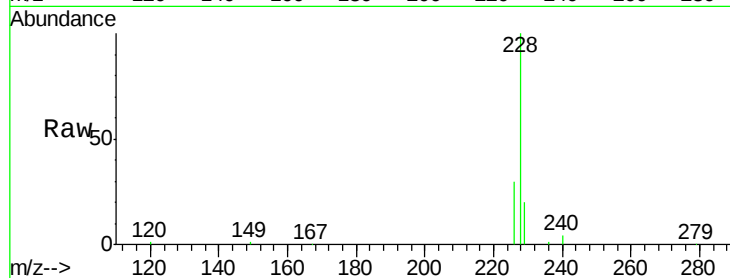
Tgt Ion:228 Resp: 289828

Ion Ratio Lower Upper

228 100

226 30.2 24.2 36.4

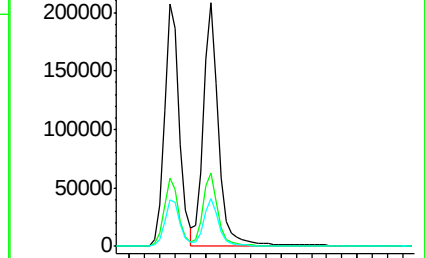
229 19.7 15.3 22.9



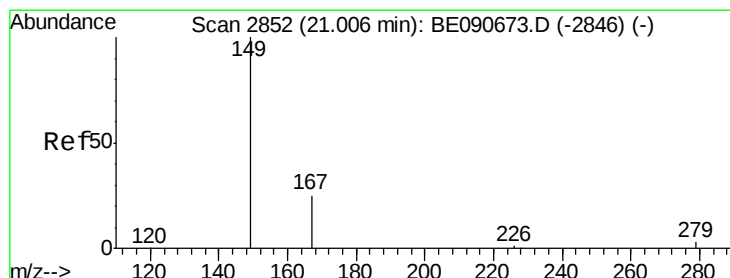
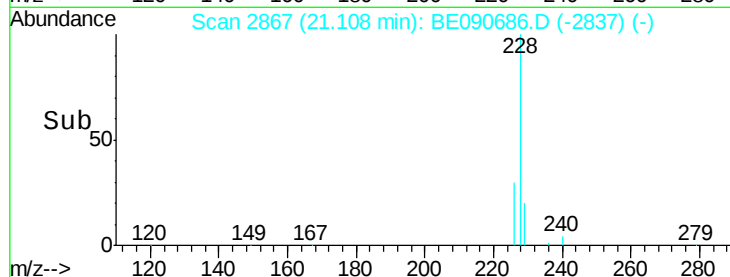
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#30

Bis(2-ethylhexyl)phthalate

Concen: 3.93 ng

RT: 21.01 min Scan# 2852

Delta R.T. 0.00 min

Lab File: BE090686.D

Acq: 2 Sep 2015 3:11

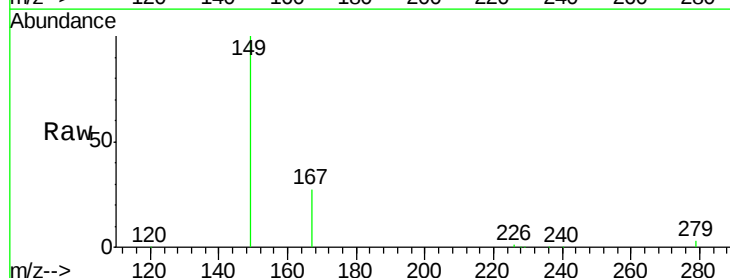
Tgt Ion:149 Resp: 89776

Ion Ratio Lower Upper

149 100

167 25.5 20.1 30.1

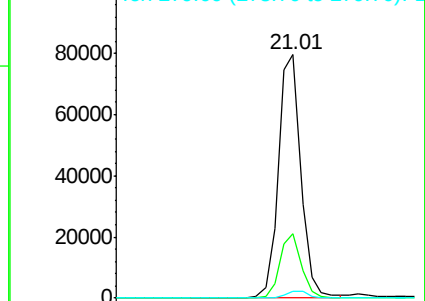
279 2.9 2.3 3.5



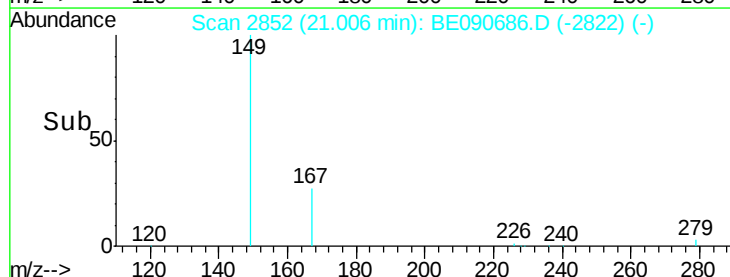
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->





#31

Indeno(1,2,3-cd)pyrene

Concen: 4.07 ng

RT: 25.72 min Scan# 3815

Delta R.T. -0.00 min

Lab File: BE090686.D

Acq: 2 Sep 2015 3:11

Instrument :

BNA_E

ClientSampleId :

PB85319BS

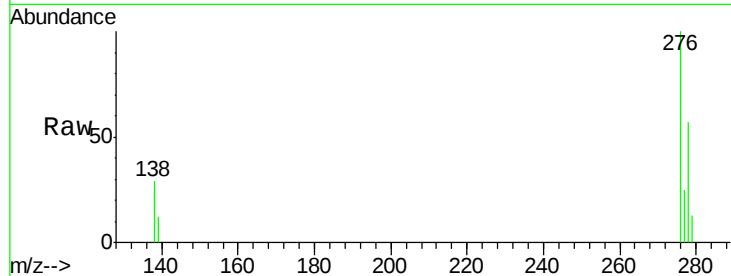
Tgt Ion: 276 Resp: 308709

Ion Ratio Lower Upper

276 100

138 30.0 23.3 34.9

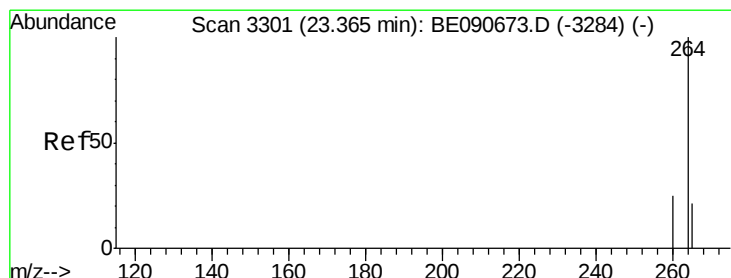
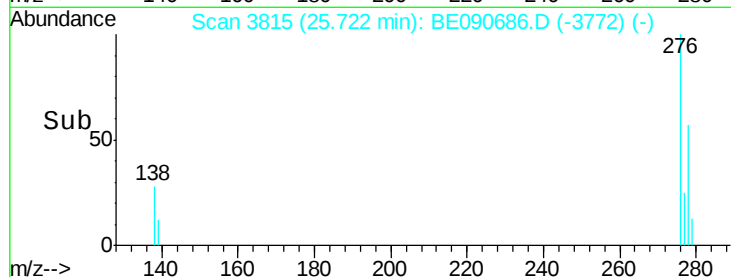
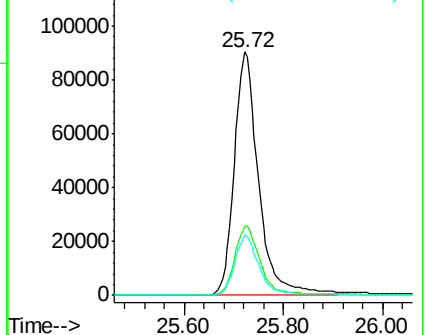
277 25.0 19.8 29.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#32

Perylene-d12

Concen: 5.00 ng

RT: 23.36 min Scan# 3300

Delta R.T. -0.00 min

Lab File: BE090686.D

Acq: 2 Sep 2015 3:11

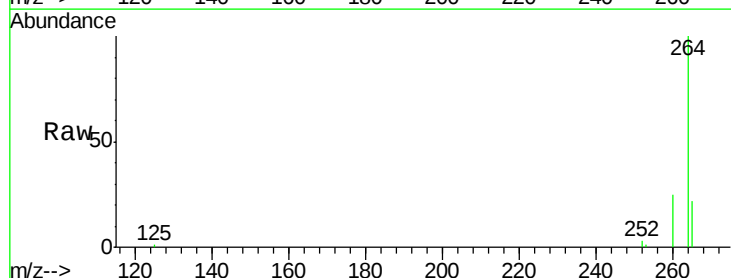
Tgt Ion: 264 Resp: 287710

Ion Ratio Lower Upper

264 100

260 25.4 19.7 29.5

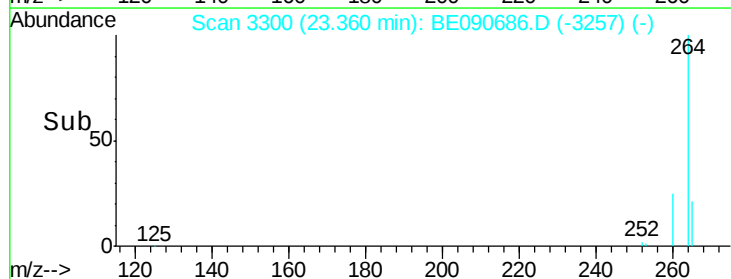
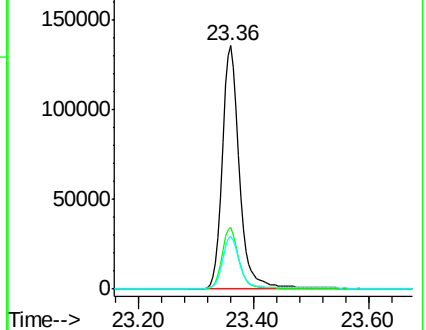
265 21.7 17.5 26.3



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: 4.17 ng

RT: 22.66 min Scan# 3147

Delta R.T. -0.00 min

Lab File: BE090686.D

Acq: 2 Sep 2015 3:11

Instrument :

BNA_E

ClientSampleId :

PB85319BS

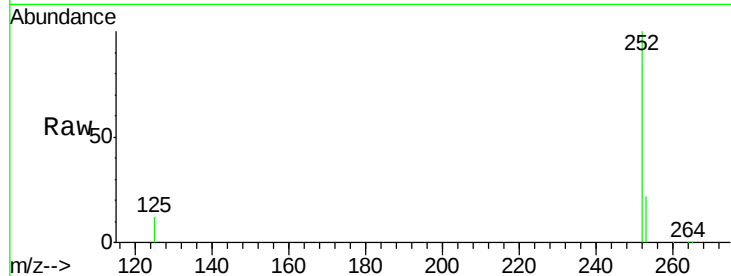
Tgt Ion:252 Resp: 260048

Ion Ratio Lower Upper

252 100

253 22.1 17.9 26.9

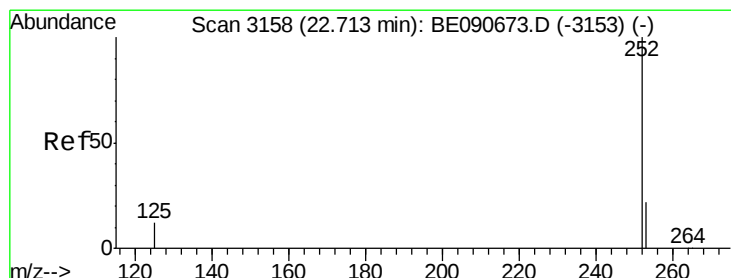
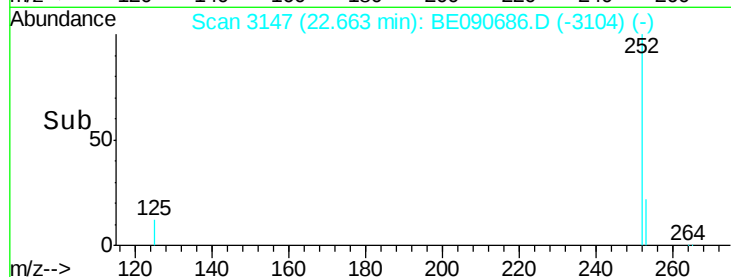
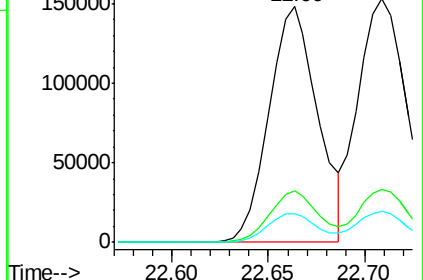
125 12.3 10.6 16.0



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: 4.04 ng

RT: 22.71 min Scan# 3157

Delta R.T. -0.00 min

Lab File: BE090686.D

Acq: 2 Sep 2015 3:11

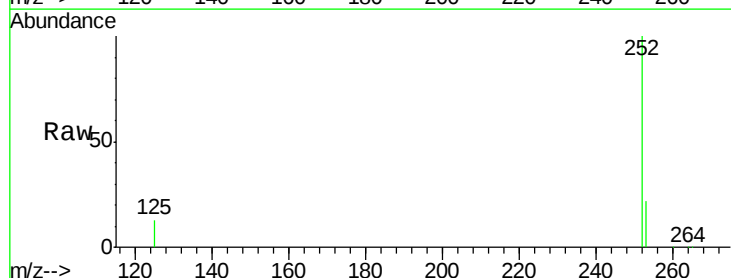
Tgt Ion:252 Resp: 293634

Ion Ratio Lower Upper

252 100

253 21.8 17.9 26.9

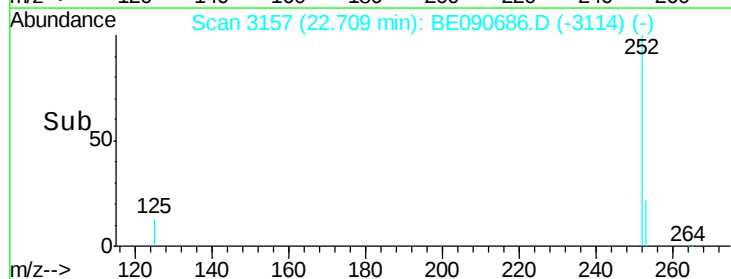
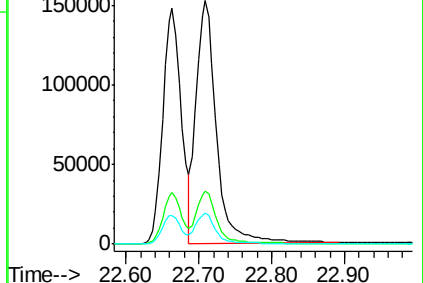
125 12.7 10.1 15.1

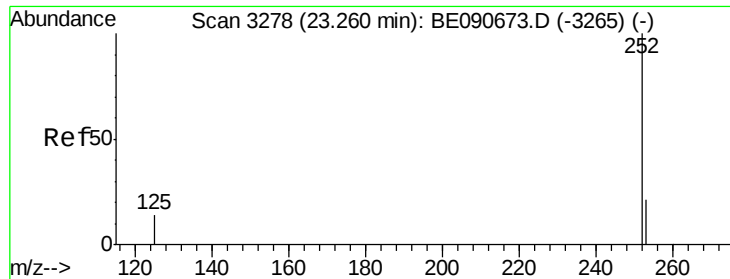


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#35

Benzo(a)pyrene

Concen: 4.37 ng

RT: 23.26 min Scan# 3277

Delta R.T. -0.00 min

Lab File: BE090686.D

Acq: 2 Sep 2015 3:11

Instrument :

BNA_E

ClientSampleId :

PB85319BS

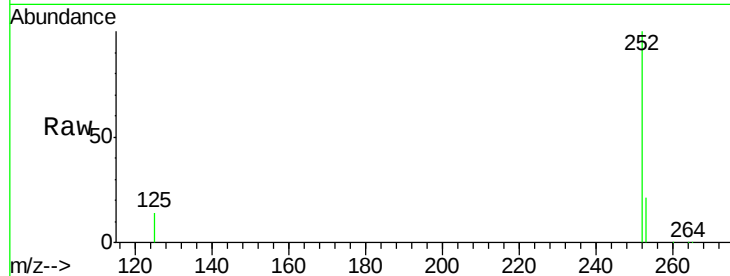
Tgt Ion: 252 Resp: 244022

Ion Ratio Lower Upper

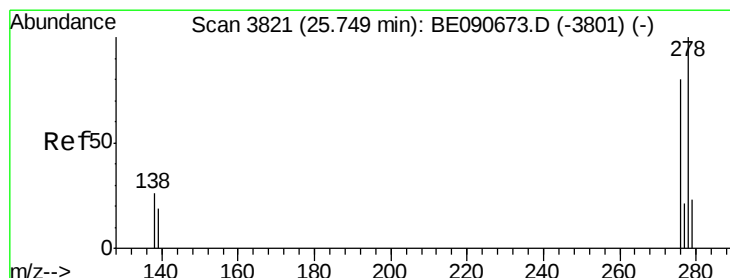
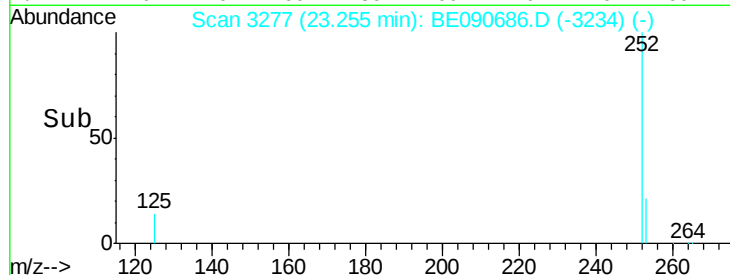
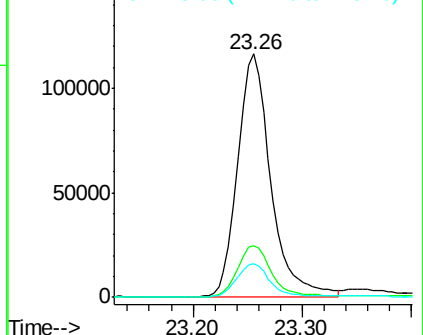
252 100

253 21.4 17.5 26.3

125 13.9 11.6 17.4



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#36

Dibenzo(a,h)anthracene

Concen: 3.77 ng

RT: 25.74 min Scan# 3818

Delta R.T. -0.01 min

Lab File: BE090686.D

Acq: 2 Sep 2015 3:11

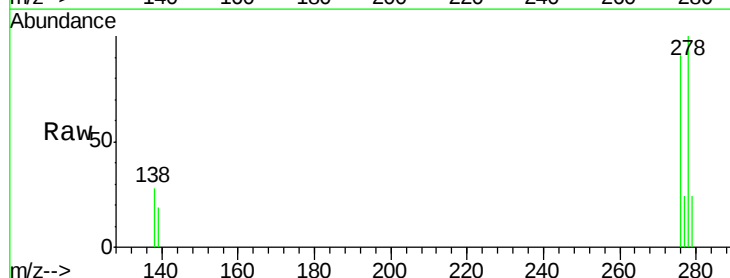
Tgt Ion: 278 Resp: 254428

Ion Ratio Lower Upper

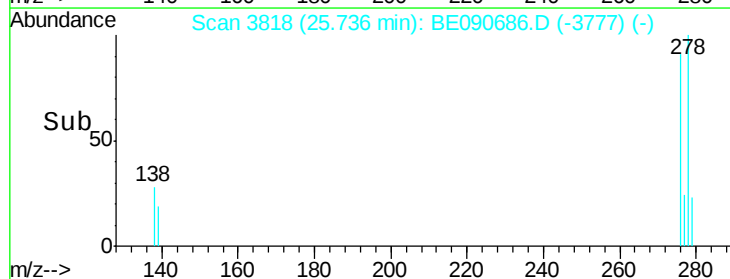
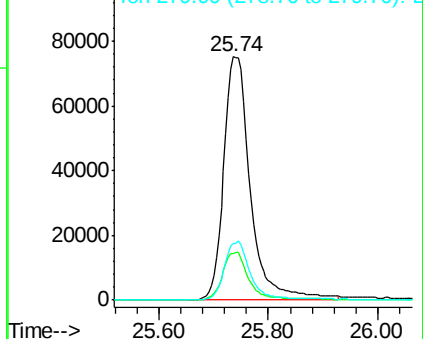
278 100

139 19.4 15.4 23.0

279 23.5 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: 4.09 ng

RT: 26.45 min Scan# 3974

Delta R.T. -0.01 min

Lab File: BE090686.D

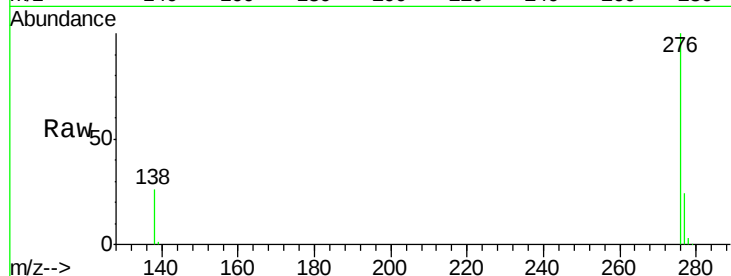
Acq: 2 Sep 2015 3:11

Instrument :

BNA_E

ClientSampleId :

PB85319BS



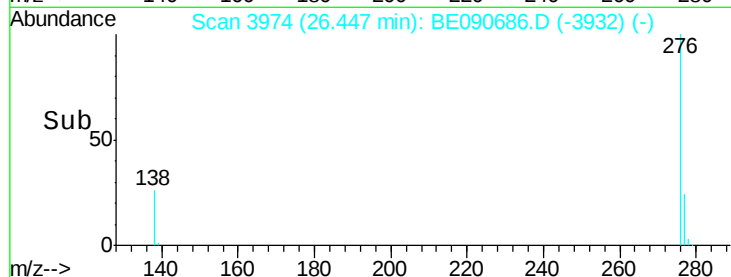
Tgt Ion: 276 Resp: 262326

Ion Ratio Lower Upper

276 100

277 23.6 18.5 27.7

138 25.9 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

