

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE091015\
 Data File : BE090760.D
 Acq On : 10 Sep 2015 14:29
 Operator : UM/IZ
 Sample : PB85478BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB85478BSD

Quant Time: Sep 11 02:51:49 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

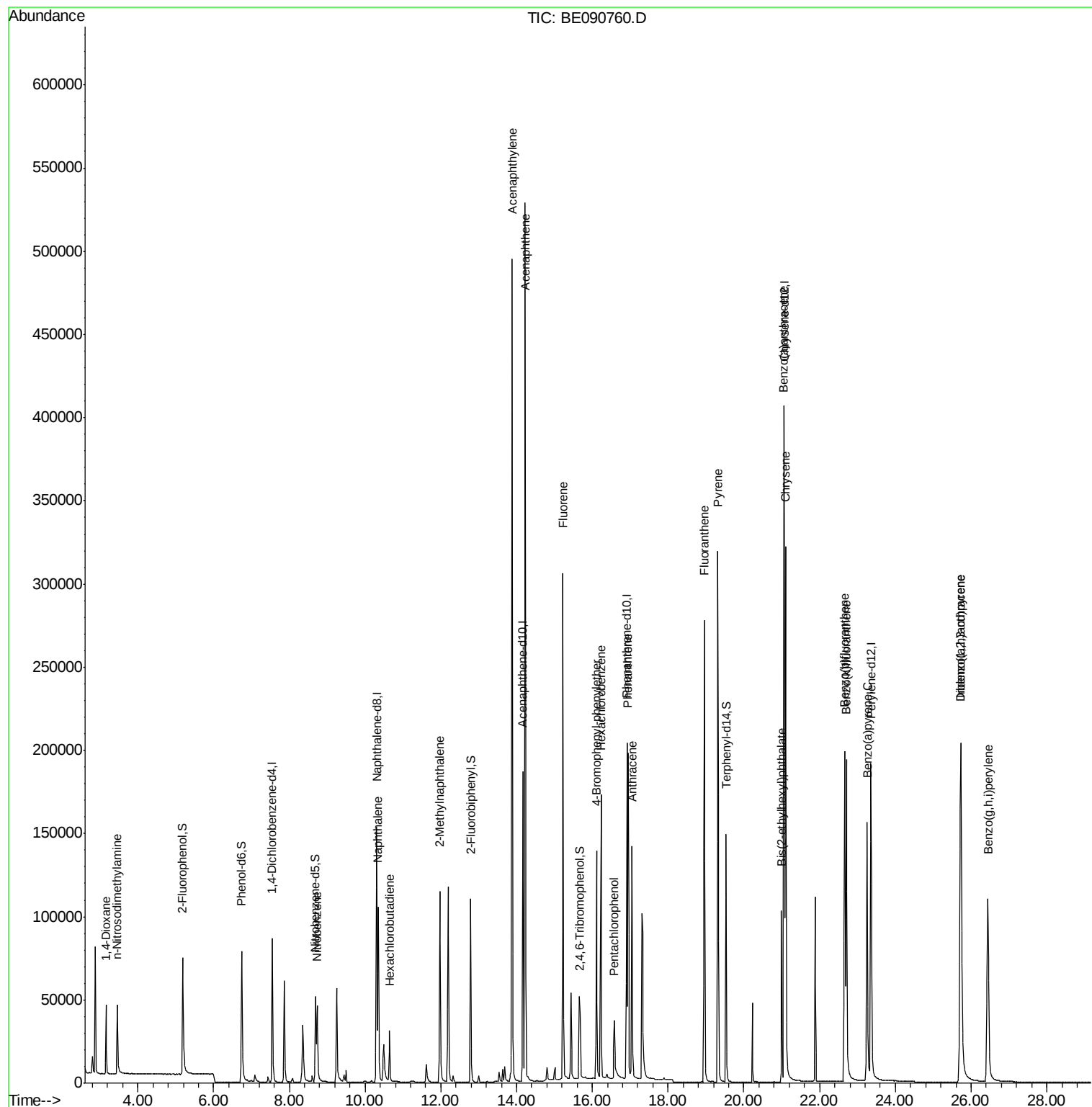
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	44418	5.00	ng	0.00
6) Naphthalene-d8	10.30	136	202309	5.00	ng	0.00
12) Acenaphthene-d10	14.17	164	105621	5.00	ng	0.00
18) Phenanthrene-d10	16.91	188	243499	5.00	ng	0.00
25) Chrysene-d12	21.07	240	319065	5.00	ng	0.00
32) Perylene-d12	23.36	264	268498	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.18	112	69272	8.00	ng	0.00
5) Phenol-d6	6.74	99	107492	8.69	ng	0.00
7) Nitrobenzene-d5	8.69	82	55473	4.15	ng	-0.01
13) 2,4,6-Tribromophenol	15.67	330	24268	7.83	ng	0.00
14) 2-Fluorobiphenyl	12.79	172	111865	3.82	ng	0.00
27) Terphenyl-d14	19.53	244	162588	4.61	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.15	88	22642	3.88	ng	98
3) n-Nitrosodimethylamine	3.45	42	27571	3.48	ng	# 94
8) Nitrobenzene	8.73	77	59011	3.62	ng	98
9) Naphthalene	10.35	128	152511	3.46	ng	99
10) Hexachlorobutadiene	10.65	225	23050	3.34	ng	100
11) 2-Methylnaphthalene	11.97	142	96466	4.04	ng	99
15) Acenaphthylene	13.88	152	640813	3.80	ng	100
16) Acenaphthene	14.23	154	100489	3.56	ng	91
17) Fluorene	15.22	166	127501	3.62	ng	96
19) 4-Bromophenyl-phenylether	16.11	248	33192	4.00	ng	95
20) Hexachlorobenzene	16.23	284	159323	4.00	ng	98
21) Pentachlorophenol	16.58	266	24513	7.29	ng	96
22) Phenanthrene	16.94	178	228839	3.80	ng	99
23) Anthracene	17.05	178	215855	4.28	ng	100
24) Fluoranthene	18.96	202	258961	4.08	ng	99
26) Pyrene	19.32	202	290582	4.40	ng	99
28) Benzo(a)anthracene	21.05	228	286450	4.09	ng	100
29) Chrysene	21.11	228	296660	4.02	ng	99
30) Bis(2-ethylhexyl)phthalate	21.00	149	83768	3.73	ng	100
31) Indeno(1,2,3-cd)pyrene	25.72	276	287093	3.81	ng	99
33) Benzo(b)fluoranthene	22.66	252	250888	4.31	ng	98
34) Benzo(k)fluoranthene	22.71	252	288779	4.26	ng	99
35) Benzo(a)pyrene	23.25	252	234679	4.51	ng	100
36) Dibenzo(a,h)anthracene	25.74	278	236290	3.76	ng	100
37) Benzo(g,h,i)perylene	26.44	276	245598	4.10	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: BE090760.D

Acq: 10 Sep 2015 14:29

Instrument :

BNA_E

ClientSampleId :

PB85478BSD

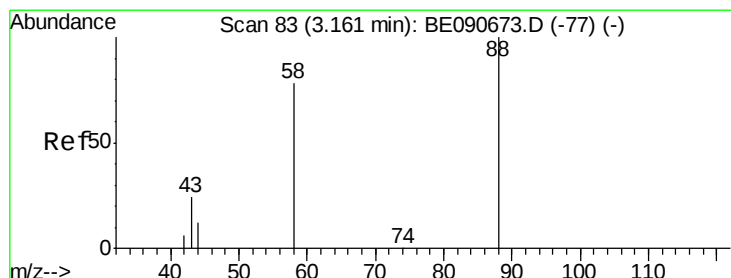
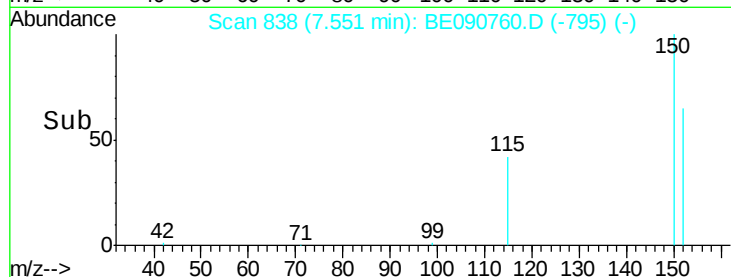
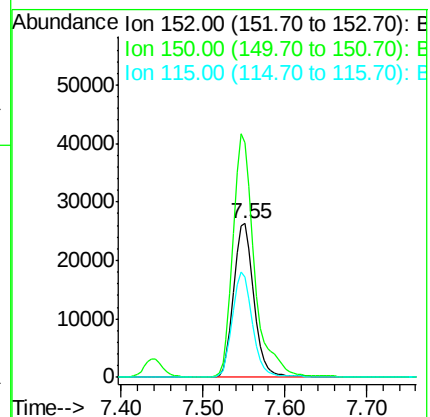
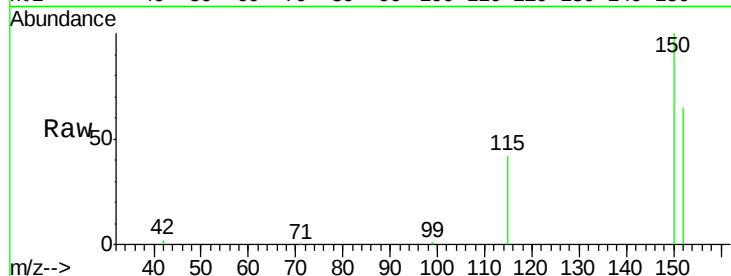
Tgt Ion:152 Resp: 44418

Ion Ratio Lower Upper

152 100

150 152.8 122.2 183.4

115 64.9 51.0 76.4



#2

1,4-Dioxane

Concen: 3.88 ng

RT: 3.15 min Scan# 82

Delta R.T. -0.01 min

Lab File: BE090760.D

Acq: 10 Sep 2015 14:29

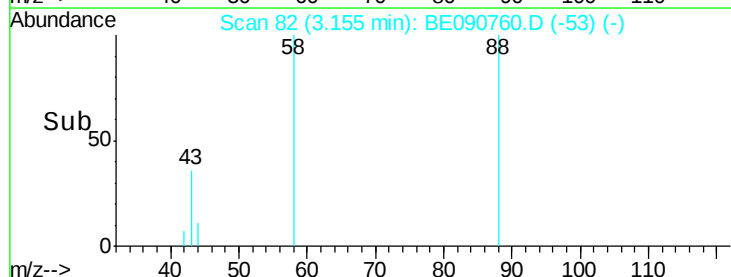
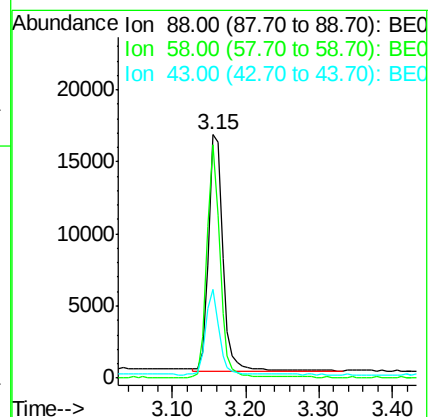
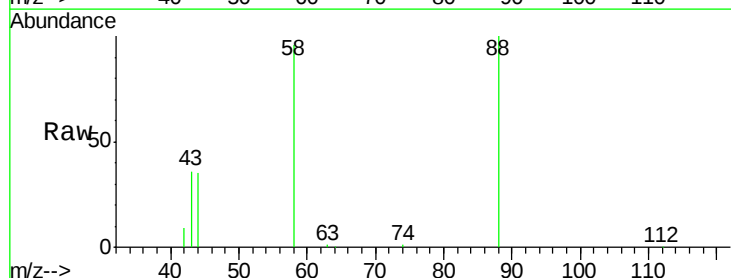
Tgt Ion: 88 Resp: 22642

Ion Ratio Lower Upper

88 100

58 87.0 68.4 102.6

43 32.2 26.9 40.3





#3

n-Nitrosodimethylamine

Concen: 3.48 ng

RT: 3.45 min Scan# 126

Delta R.T. 0.00 min

Lab File: BE090760.D

Acq: 10 Sep 2015 14:29

Instrument :

BNA_E

ClientSampleId :

PB85478BSD

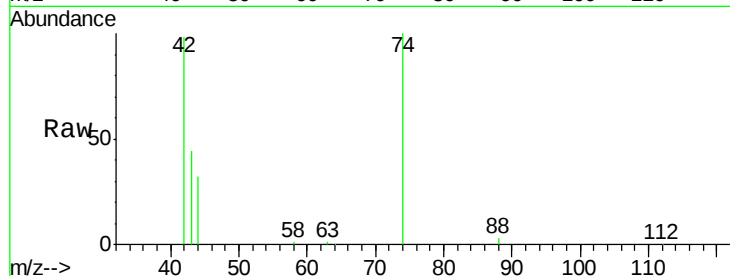
Tgt Ion: 42 Resp: 27571

Ion Ratio Lower Upper

42 100

74 110.2 83.7 125.5

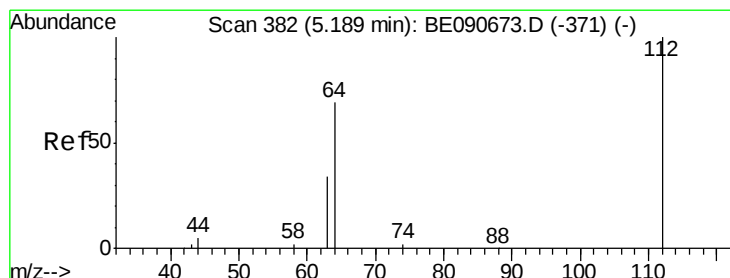
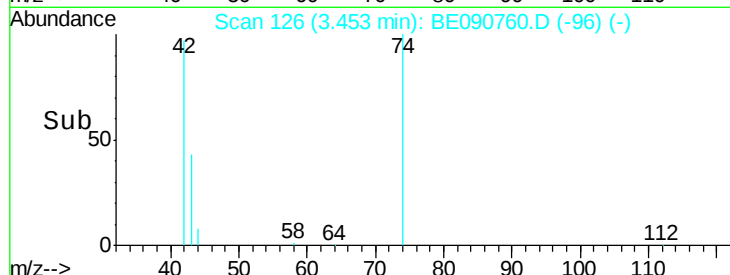
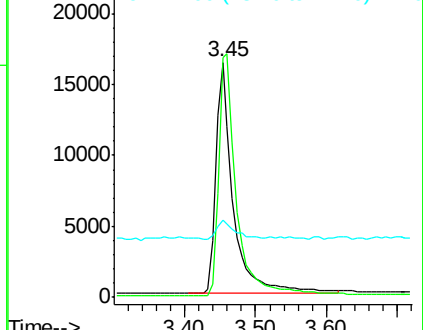
44 8.0 10.0 15.0#



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: 8.00 ng

RT: 5.18 min Scan# 381

Delta R.T. -0.01 min

Lab File: BE090760.D

Acq: 10 Sep 2015 14:29

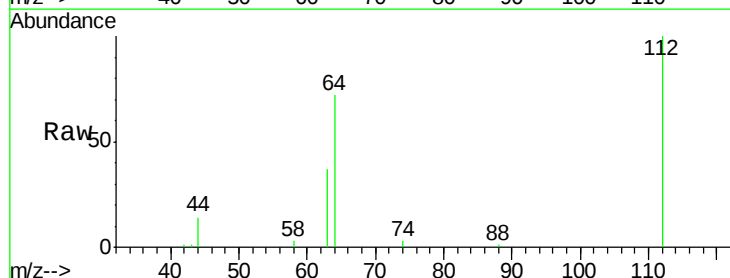
Tgt Ion: 112 Resp: 69272

Ion Ratio Lower Upper

112 100

64 72.1 57.3 85.9

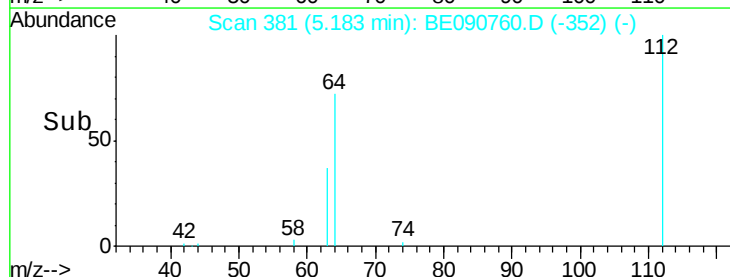
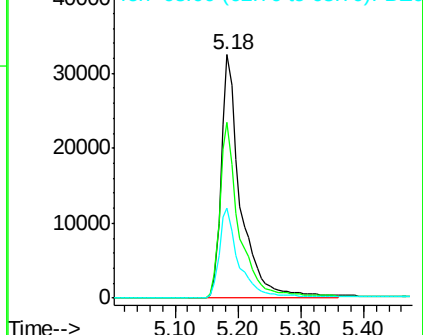
63 37.2 29.2 43.8



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 8.69 ng

RT: 6.74 min Scan# 660

Delta R.T. -0.01 min

Lab File: BE090760.D

Acq: 10 Sep 2015 14:29

Instrument :

BNA_E

ClientSampleId :

PB85478BSD

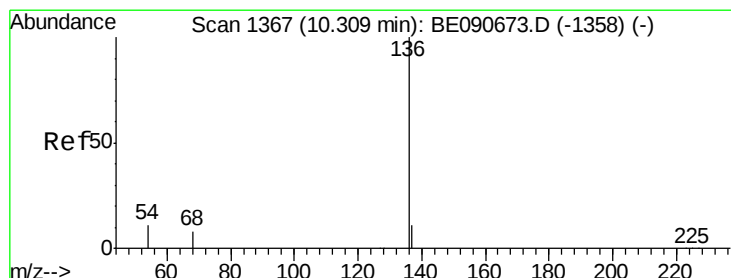
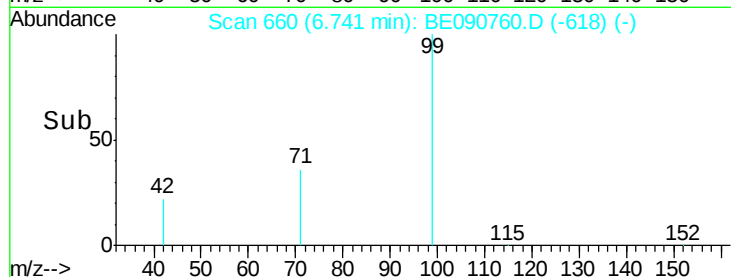
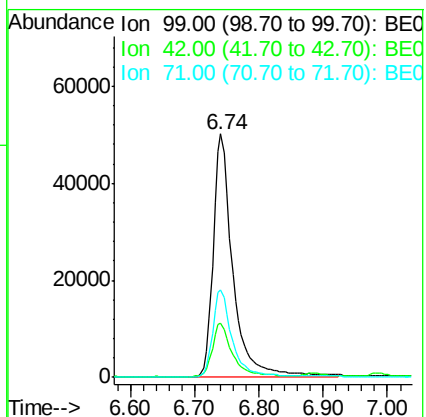
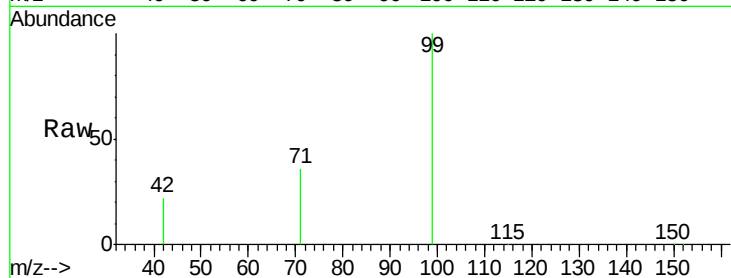
Tgt Ion: 99 Resp: 107492

Ion Ratio Lower Upper

99 100

42 22.2 16.8 25.2

71 36.1 28.3 42.5



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.30 min Scan# 1366

Delta R.T. -0.01 min

Lab File: BE090760.D

Acq: 10 Sep 2015 14:29

Tgt Ion: 136 Resp: 202309

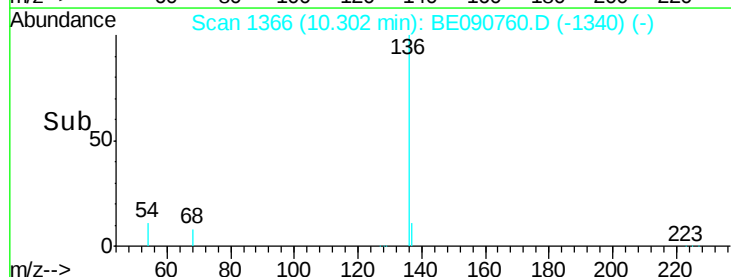
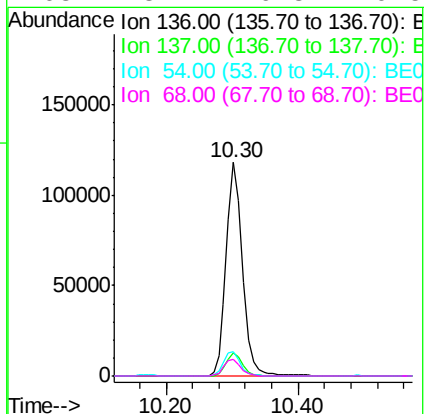
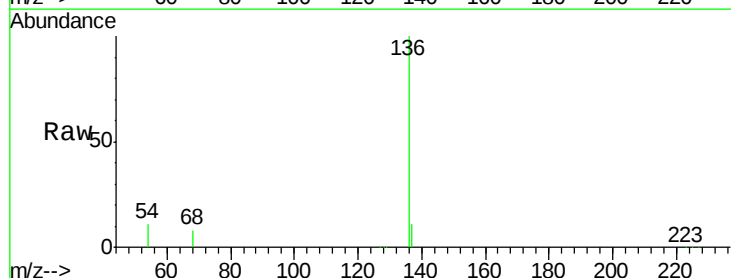
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 11.1 9.0 13.6

68 8.1 6.3 9.5





#7

Nitrobenzene-d5

Concen: 4.15 ng

RT: 8.69 min Scan# 1085

Delta R.T. -0.01 min

Lab File: BE090760.D

Acq: 10 Sep 2015 14:29

Instrument :

BNA_E

ClientSampleId :

PB85478BSD

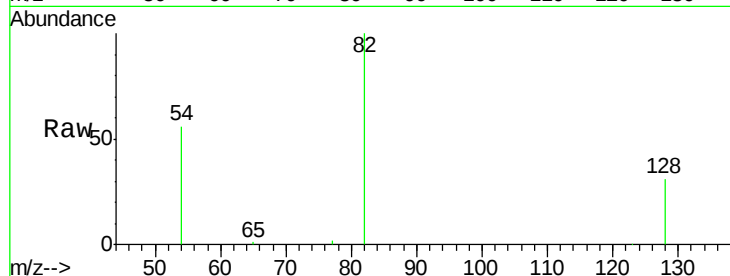
Tgt Ion: 82 Resp: 55473

Ion Ratio Lower Upper

82 100

128 30.9 25.0 37.4

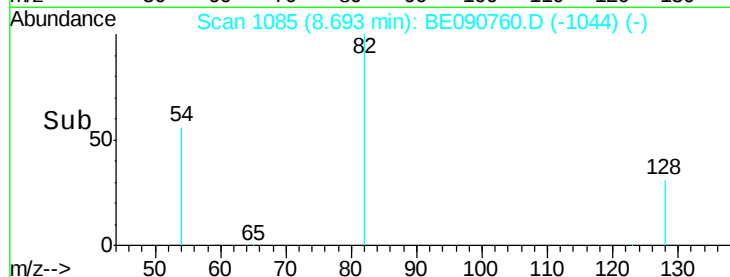
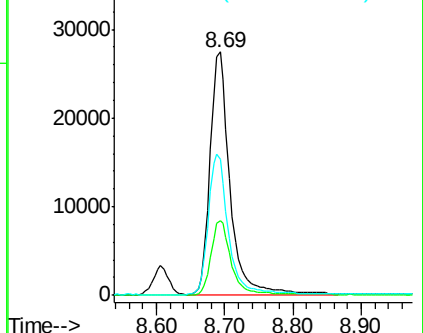
54 56.2 46.3 69.5



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: 3.62 ng

RT: 8.73 min Scan# 1094

Delta R.T. -0.01 min

Lab File: BE090760.D

Acq: 10 Sep 2015 14:29

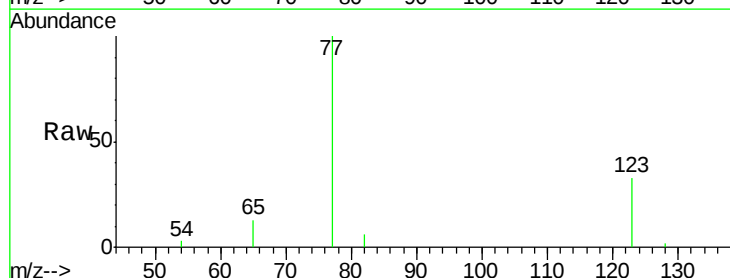
Tgt Ion: 77 Resp: 59011

Ion Ratio Lower Upper

77 100

123 32.6 25.1 37.7

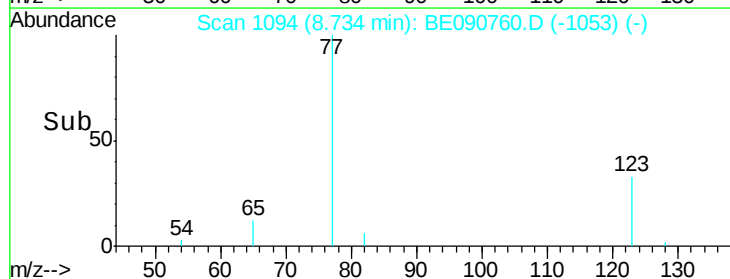
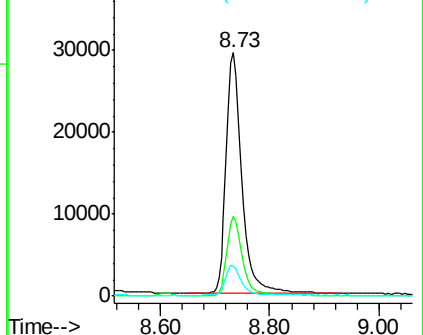
65 12.5 9.9 14.9



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: 3.46 ng

RT: 10.35 min Scan# 1373

Delta R.T. -0.01 min

Lab File: BE090760.D

Acq: 10 Sep 2015 14:29

Instrument :

BNA_E

ClientSampleId :

PB85478BSD

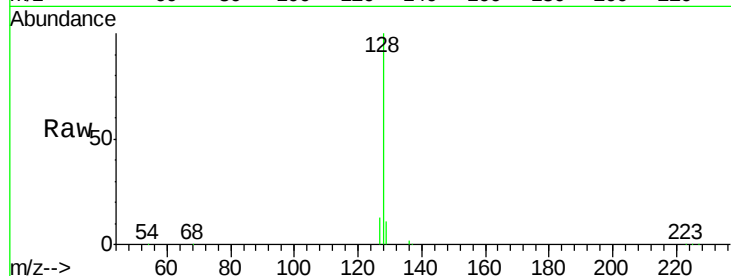
Tgt Ion:128 Resp: 152511

Ion Ratio Lower Upper

128 100

129 11.0 9.0 13.6

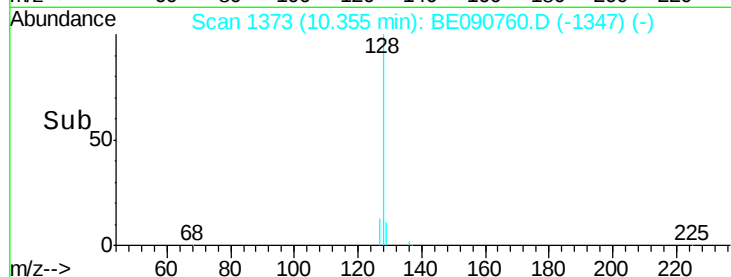
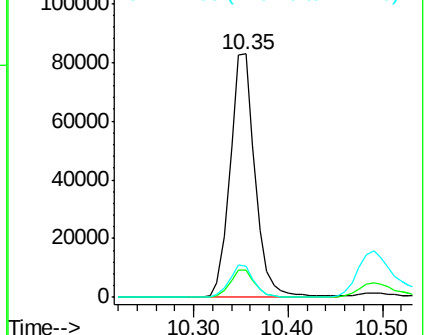
127 12.9 10.6 15.8



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: 3.34 ng

RT: 10.65 min Scan# 1412

Delta R.T. 0.00 min

Lab File: BE090760.D

Acq: 10 Sep 2015 14:29

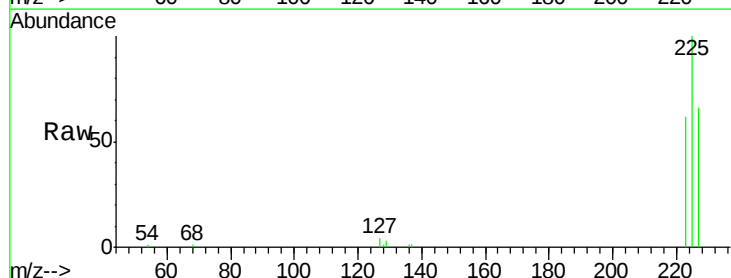
Tgt Ion:225 Resp: 23050

Ion Ratio Lower Upper

225 100

223 63.3 50.6 76.0

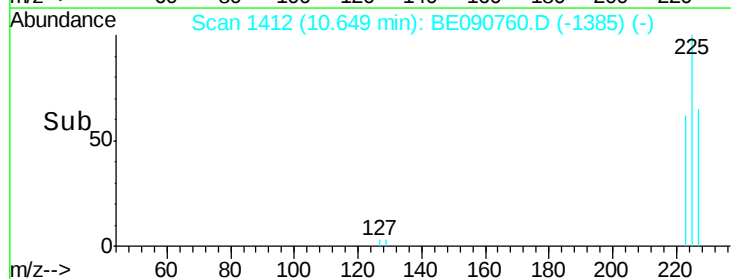
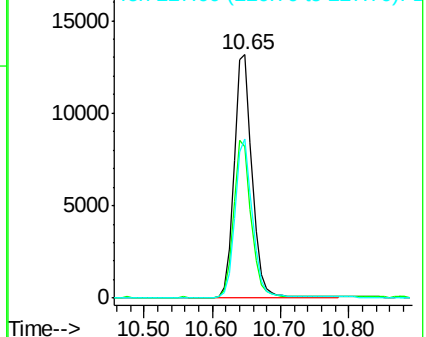
227 63.1 51.0 76.6



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene

Concen: 4.04 ng

RT: 11.97 min Scan# 1642

Delta R.T. -0.01 min

Lab File: BE090760.D

Acq: 10 Sep 2015 14:29

Instrument :

BNA_E

ClientSampleId :

PB85478BSD

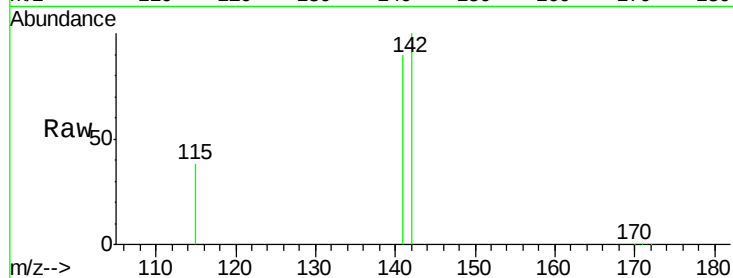
Tgt Ion:142 Resp: 96466

Ion Ratio Lower Upper

142 100

141 89.7 71.4 107.2

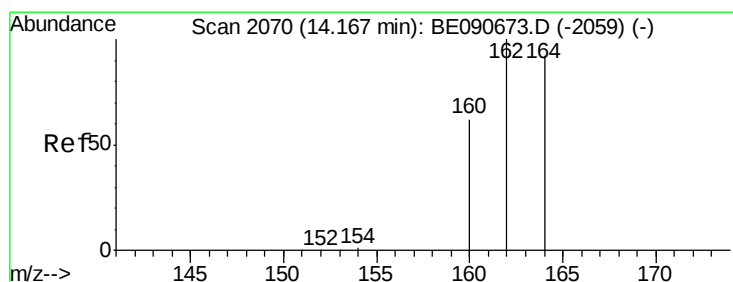
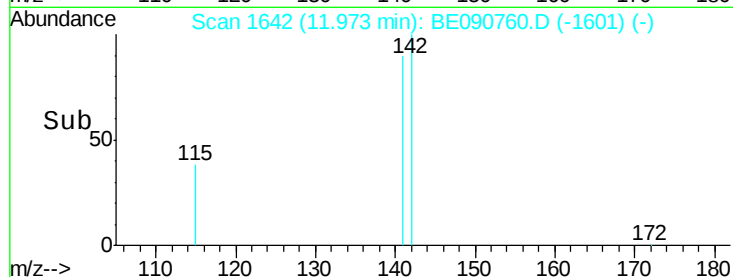
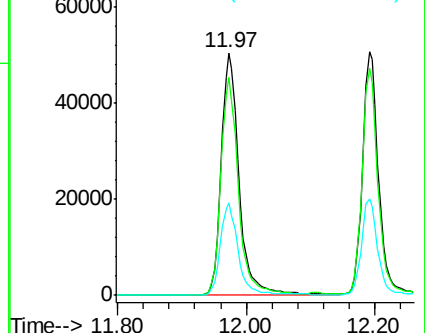
115 38.1 31.0 46.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.17 min Scan# 2070

Delta R.T. 0.00 min

Lab File: BE090760.D

Acq: 10 Sep 2015 14:29

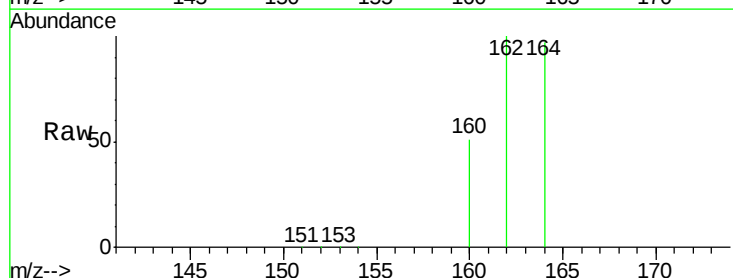
Tgt Ion:164 Resp: 105621

Ion Ratio Lower Upper

164 100

162 102.8 86.8 130.2

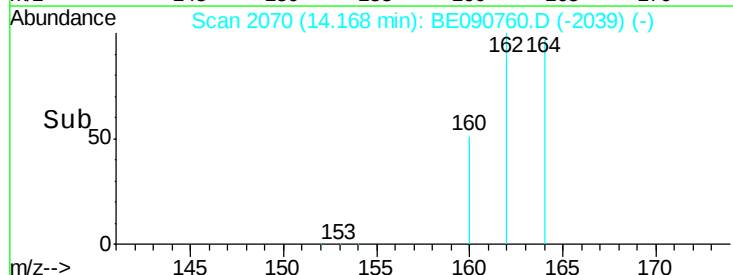
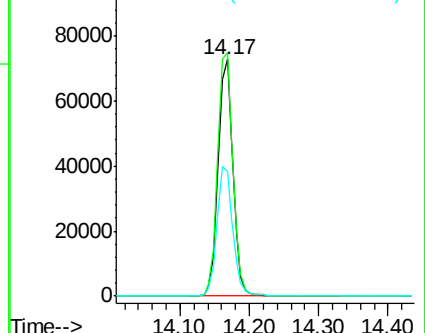
160 52.5 53.9 80.9#



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

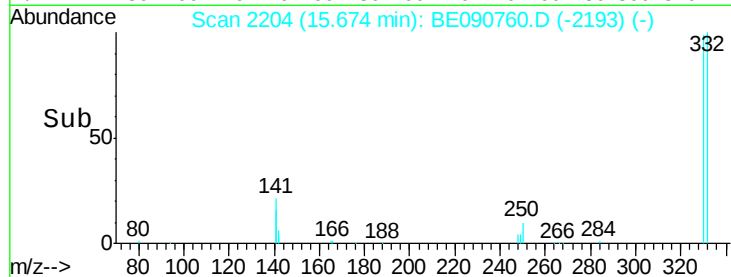
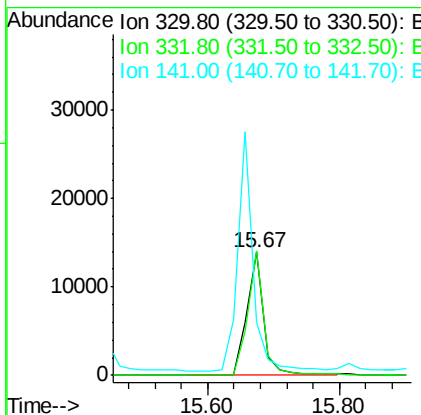
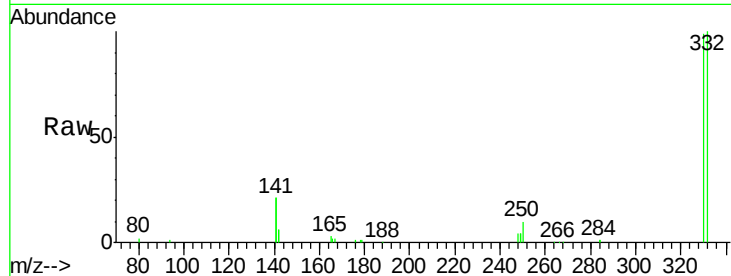




#13
 2,4,6-Tribromophenol
 Concen: 7.83 ng
 RT: 15.67 min Scan# 2204
 Delta R.T. -0.00 min
 Lab File: BE090760.D
 Acq: 10 Sep 2015 14:29

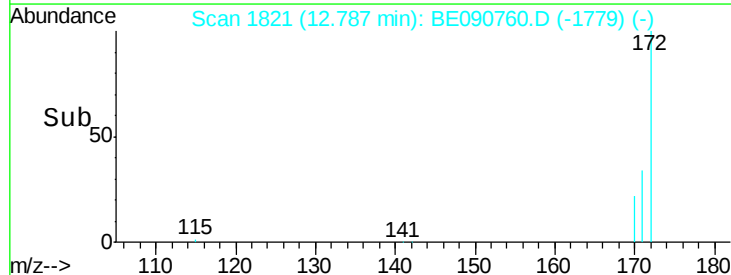
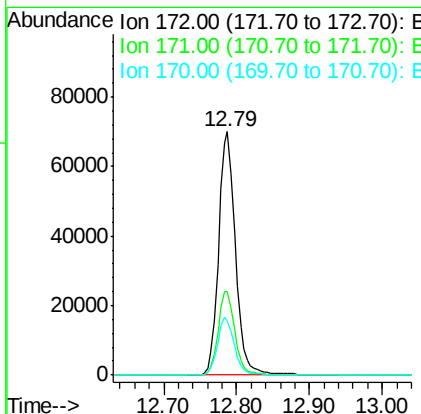
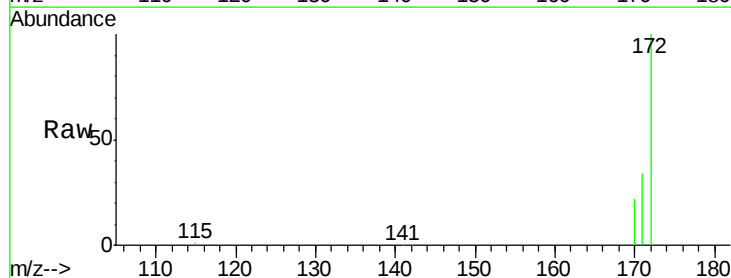
Instrument :
 BNA_E
 ClientSampleId :
 PB85478BSD

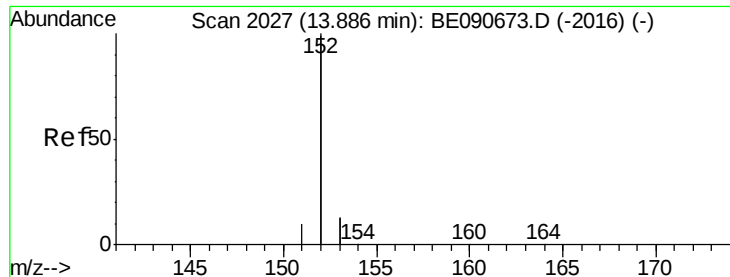
Tgt Ion:330 Resp: 24268
 Ion Ratio Lower Upper
 330 100
 332 97.6 74.9 112.3
 141 178.2 145.2 217.8



#14
 2-Fluorobiphenyl
 Concen: 3.82 ng
 RT: 12.79 min Scan# 1821
 Delta R.T. -0.01 min
 Lab File: BE090760.D
 Acq: 10 Sep 2015 14:29

Tgt Ion:172 Resp: 111865
 Ion Ratio Lower Upper
 172 100
 171 34.3 27.8 41.8
 170 22.5 19.8 29.6





#15

Acenaphthylene

Concen: 3.80 ng

RT: 13.88 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BE090760.D

Acq: 10 Sep 2015 14:29

Instrument :

BNA_E

ClientSampleId :

PB85478BSD

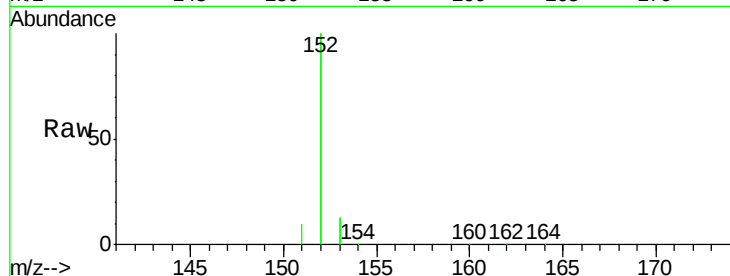
Tgt Ion:152 Resp: 640813

Ion Ratio Lower Upper

152 100

151 4.9 3.9 5.9

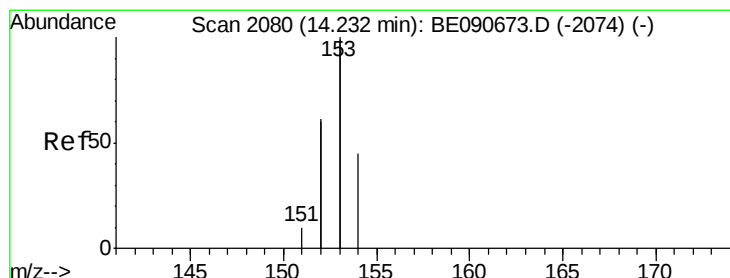
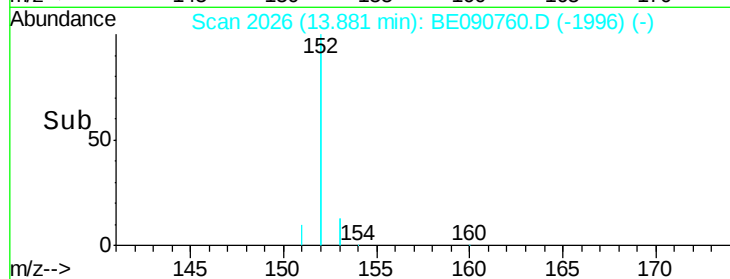
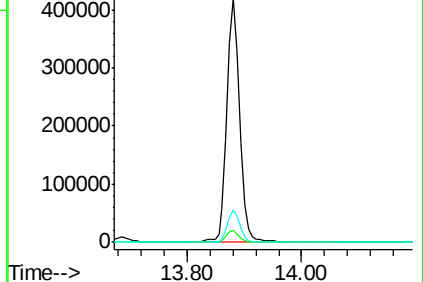
153 13.0 10.3 15.5



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: 3.56 ng

RT: 14.23 min Scan# 2079

Delta R.T. -0.01 min

Lab File: BE090760.D

Acq: 10 Sep 2015 14:29

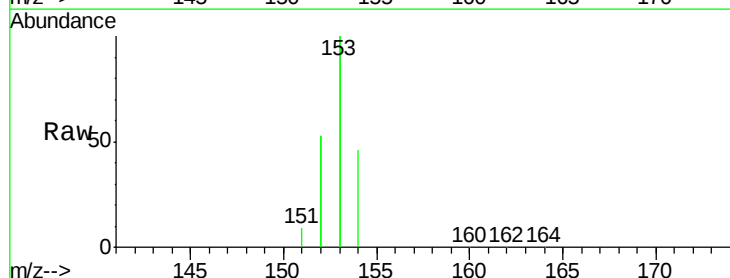
Tgt Ion:154 Resp: 100489

Ion Ratio Lower Upper

154 100

153 440.6 354.5 531.7

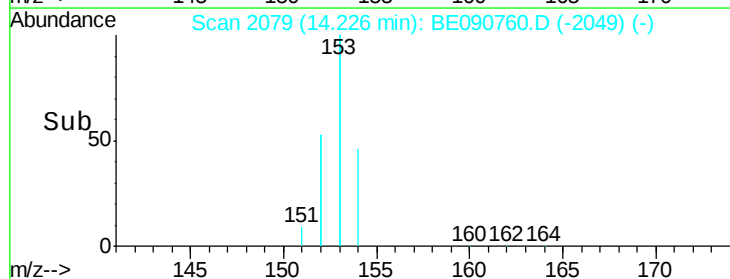
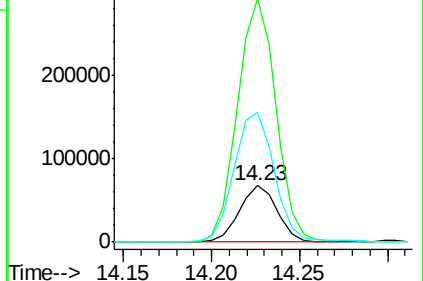
152 244.4 227.8 341.6

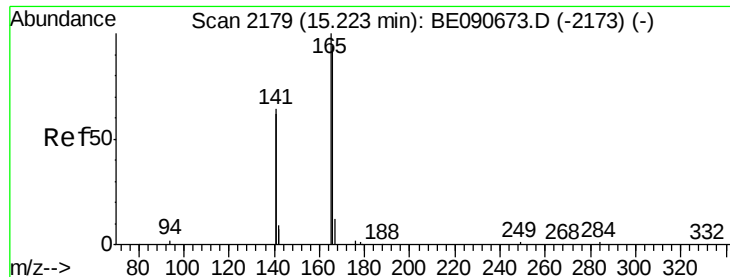


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

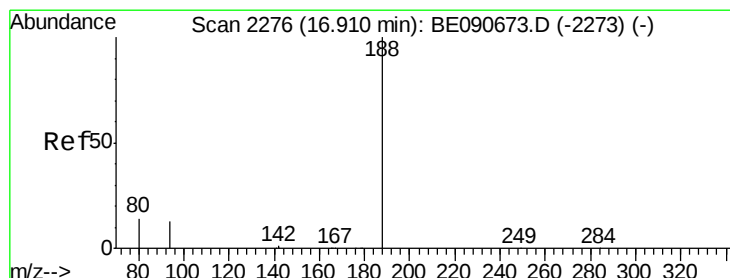
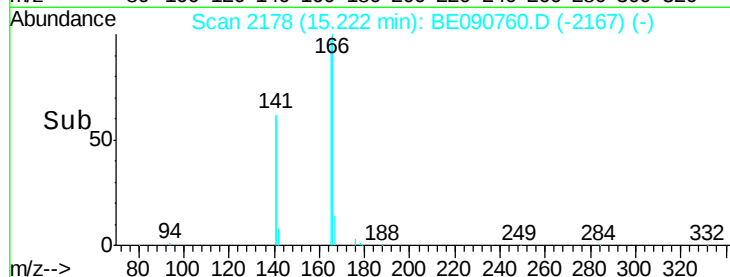
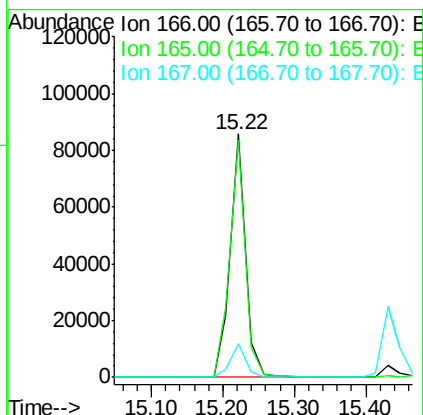
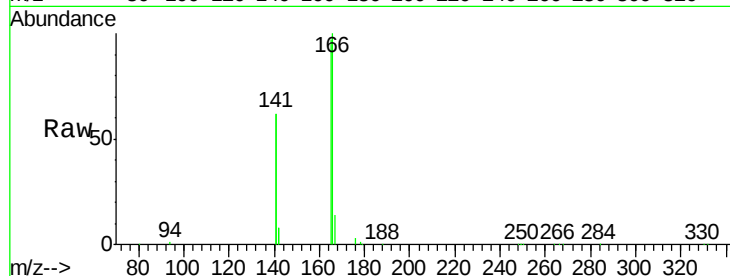




#17
Fluorene
 Concen: 3.62 ng
 RT: 15.22 min Scan# 2178
 Delta R.T. -0.00 min
 Lab File: BE090760.D
 Acq: 10 Sep 2015 14:29

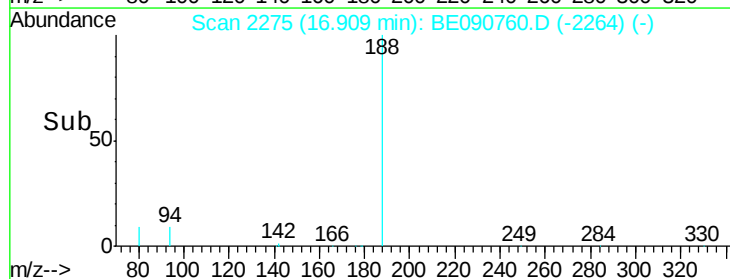
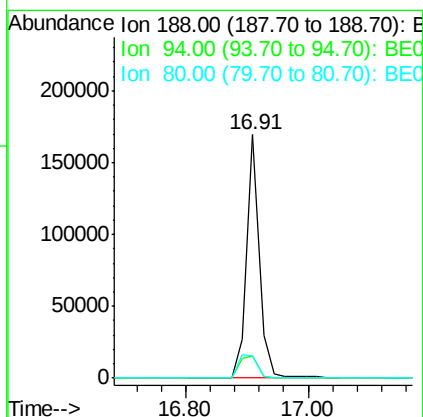
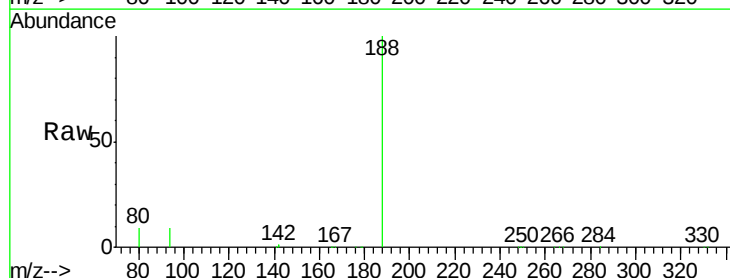
Instrument :
 BNA_E
 ClientSampleId :
 PB85478BSD

Tgt Ion:166 Resp: 127501
 Ion Ratio Lower Upper
 166 100
 165 99.3 82.7 124.1
 167 13.5 10.7 16.1



#18
Phenanthrene-d10
 Concen: 5.00 ng
 RT: 16.91 min Scan# 2275
 Delta R.T. -0.00 min
 Lab File: BE090760.D
 Acq: 10 Sep 2015 14:29

Tgt Ion:188 Resp: 243499
 Ion Ratio Lower Upper
 188 100
 94 8.9 10.3 15.5#
 80 9.2 11.0 16.6#





#19

4-Bromophenyl-phenylether

Concen: 4.00 ng

RT: 16.11 min Scan# 2229

Delta R.T. -0.02 min

Lab File: BE090760.D

Acq: 10 Sep 2015 14:29

Instrument :

BNA_E

ClientSampleId :

PB85478BSD

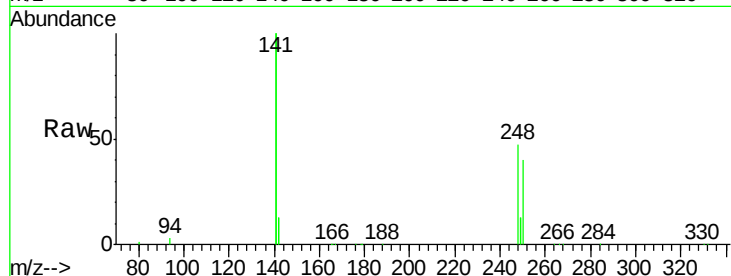
Tgt Ion:248 Resp: 33192

Ion Ratio Lower Upper

248 100

250 98.0 76.7 115.1

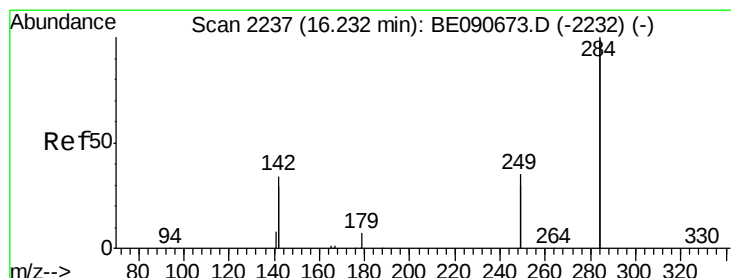
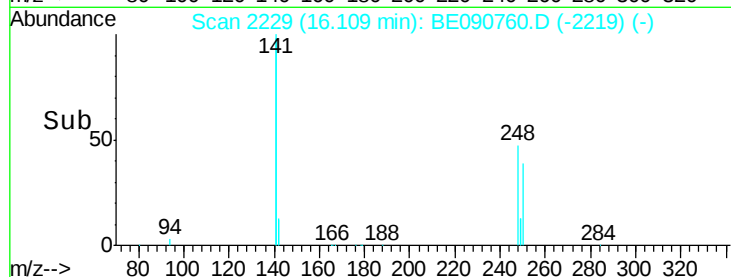
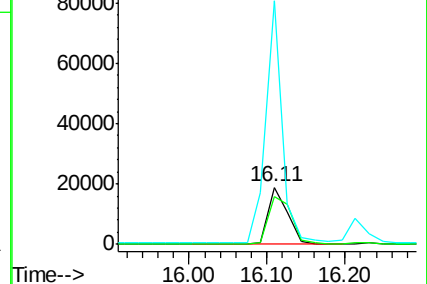
141 352.7 292.6 439.0



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: 4.00 ng

RT: 16.23 min Scan# 2236

Delta R.T. -0.00 min

Lab File: BE090760.D

Acq: 10 Sep 2015 14:29

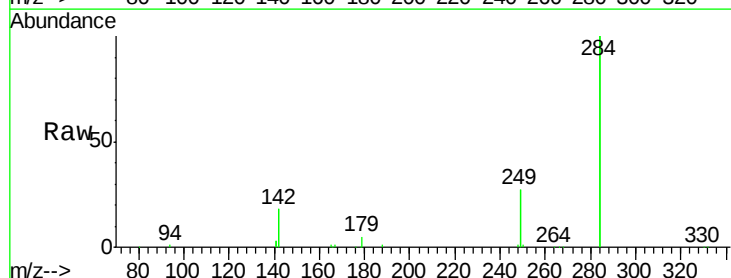
Tgt Ion:284 Resp: 159323

Ion Ratio Lower Upper

284 100

142 42.3 35.0 52.4

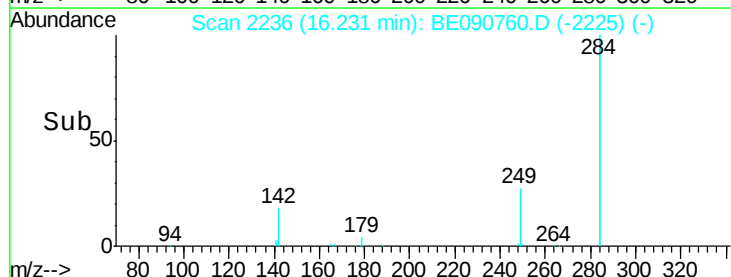
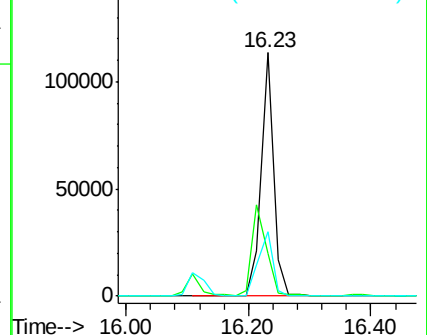
249 30.8 25.5 38.3

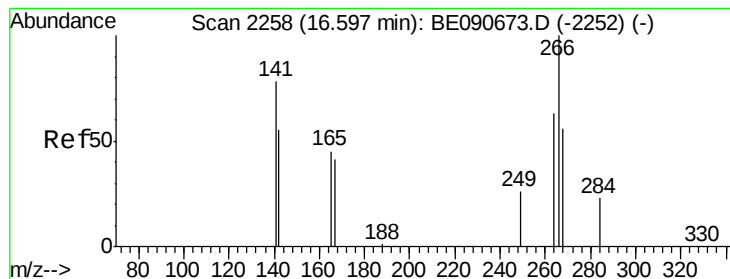


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#21

Pentachlorophenol

Concen: 7.29 ng

RT: 16.58 min Scan# 2256

Delta R.T. -0.02 min

Lab File: BE090760.D

Acq: 10 Sep 2015 14:29

Instrument :

BNA_E

ClientSampleId :

PB85478BSD

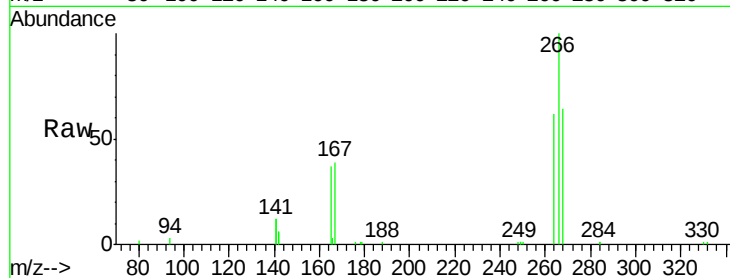
Tgt Ion:266 Resp: 24513

Ion Ratio Lower Upper

266 100

268 63.6 49.6 74.4

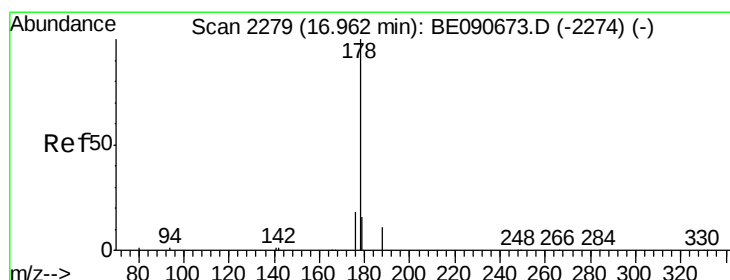
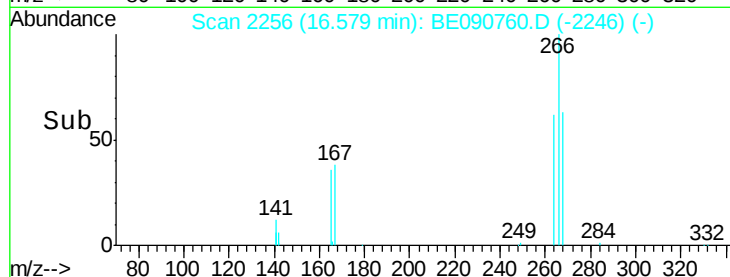
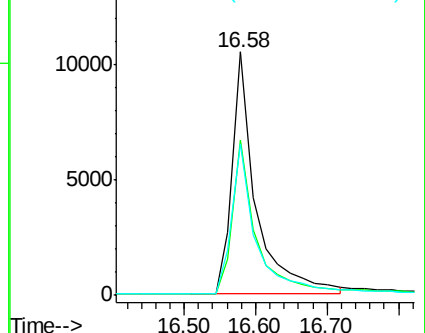
264 62.2 53.9 80.9



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: 3.80 ng

RT: 16.94 min Scan# 2277

Delta R.T. -0.02 min

Lab File: BE090760.D

Acq: 10 Sep 2015 14:29

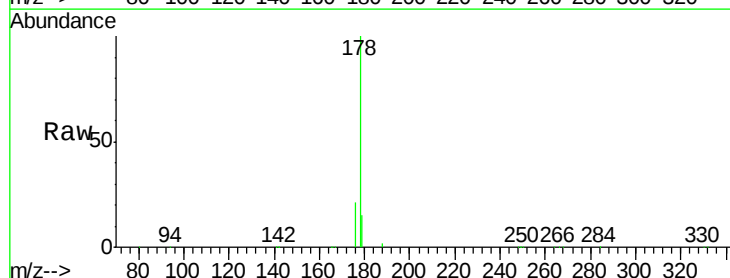
Tgt Ion:178 Resp: 228839

Ion Ratio Lower Upper

178 100

176 19.5 15.6 23.4

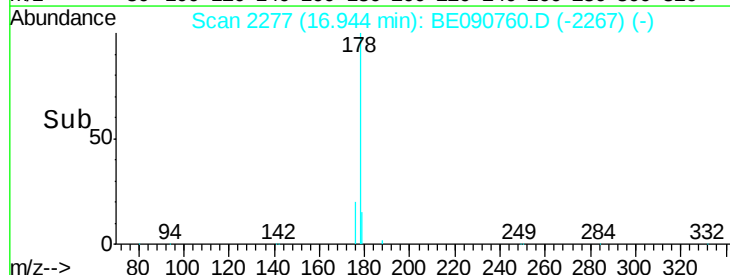
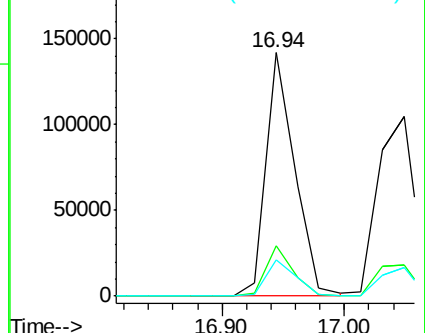
179 15.4 12.8 19.2



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: 4.28 ng

RT: 17.05 min Scan# 2283

Delta R.T. -0.00 min

Lab File: BE090760.D

Acq: 10 Sep 2015 14:29

Instrument :

BNA_E

ClientSampleId :

PB85478BSD

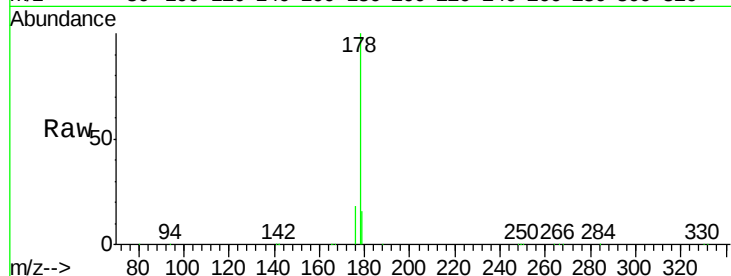
Tgt Ion:178 Resp: 215855

Ion Ratio Lower Upper

178 100

176 18.7 15.0 22.6

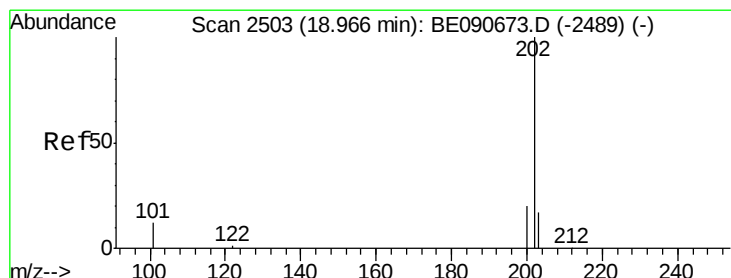
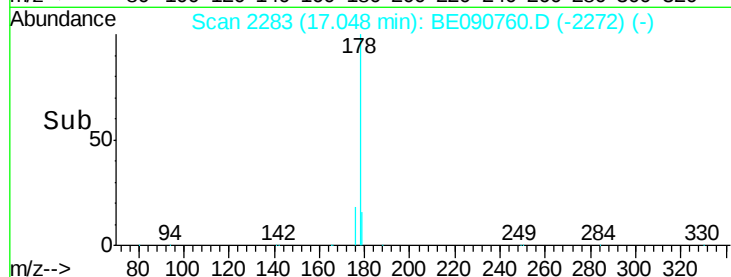
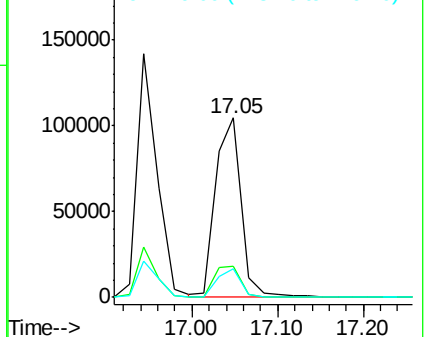
179 15.3 12.3 18.5



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: 4.08 ng

RT: 18.96 min Scan# 2500

Delta R.T. -0.01 min

Lab File: BE090760.D

Acq: 10 Sep 2015 14:29

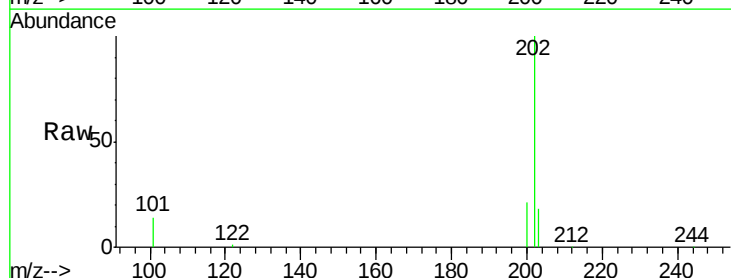
Tgt Ion:202 Resp: 258961

Ion Ratio Lower Upper

202 100

101 14.2 11.0 16.6

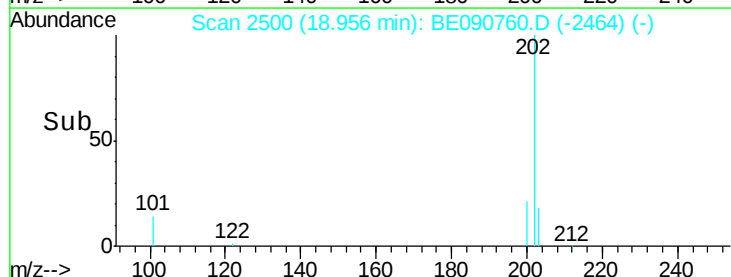
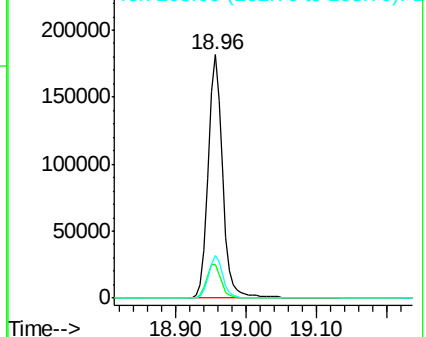
203 17.3 13.9 20.9

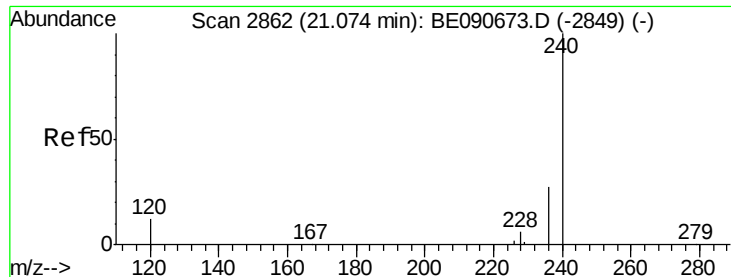


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

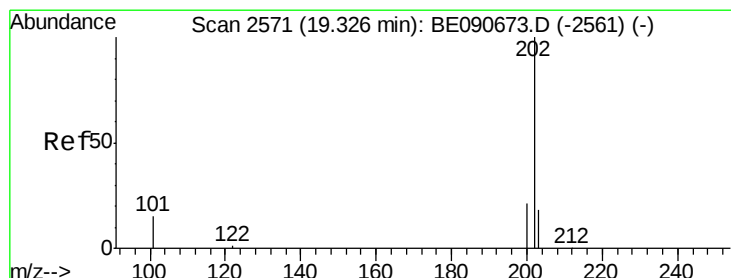
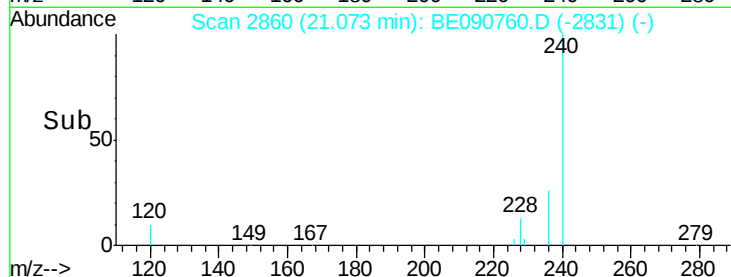
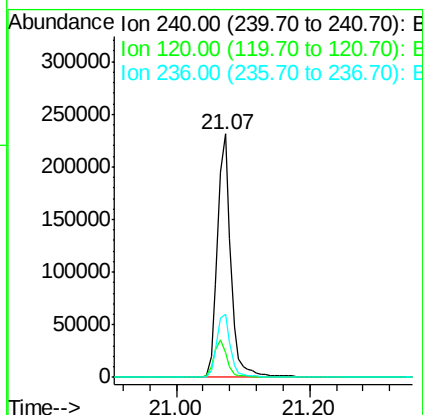
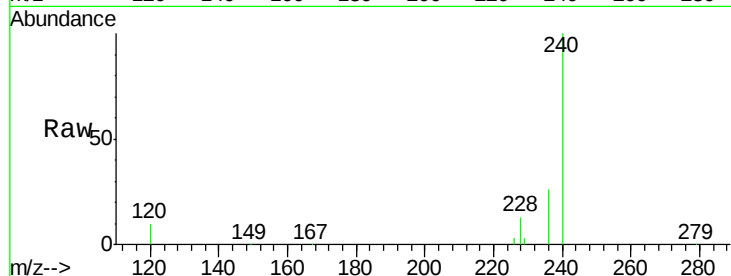




#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.07 min Scan# 2860
Delta R.T. -0.00 min
Lab File: BE090760.D
Acq: 10 Sep 2015 14:29

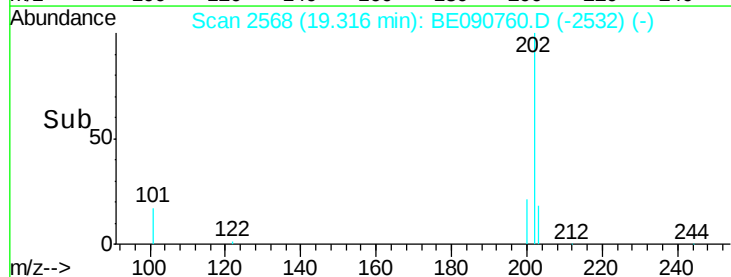
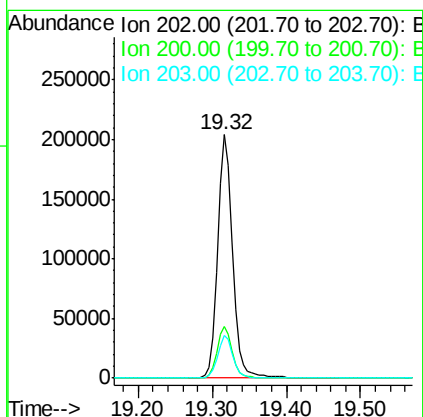
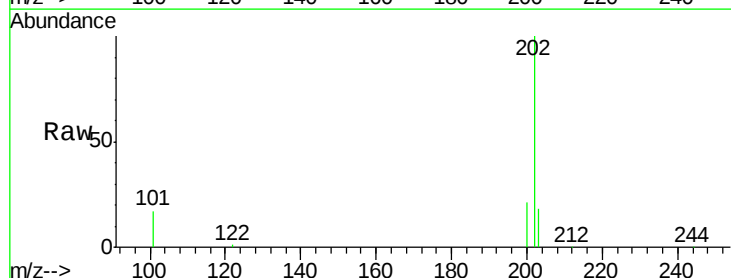
Instrument :
BNA_E
ClientSampleId :
PB85478BSD

Tgt Ion:240 Resp: 319065
Ion Ratio Lower Upper
240 100
120 10.4 10.1 15.1
236 26.0 21.9 32.9



#26
Pyrene
Concen: 4.40 ng
RT: 19.32 min Scan# 2568
Delta R.T. -0.01 min
Lab File: BE090760.D
Acq: 10 Sep 2015 14:29

Tgt Ion:202 Resp: 290582
Ion Ratio Lower Upper
202 100
200 21.3 16.7 25.1
203 18.0 13.8 20.6

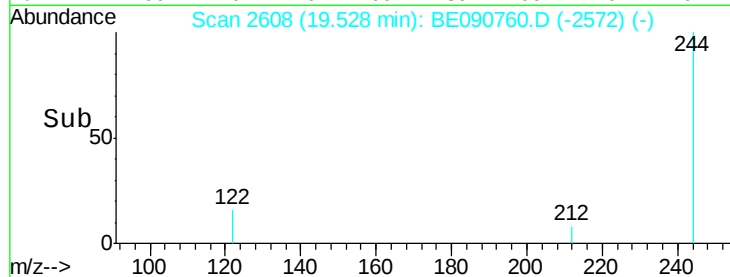
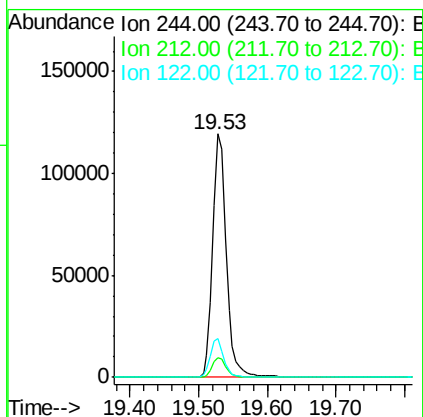
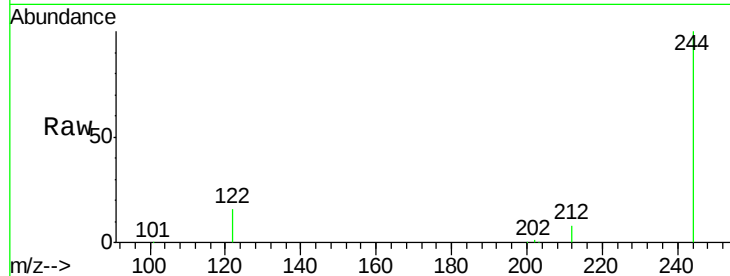




#27
 Terphenyl-d14
 Concen: 4.61 ng
 RT: 19.53 min Scan# 2608
 Delta R.T. -0.01 min
 Lab File: BE090760.D
 Acq: 10 Sep 2015 14:29

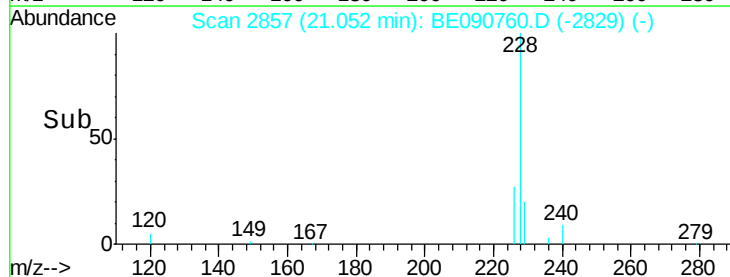
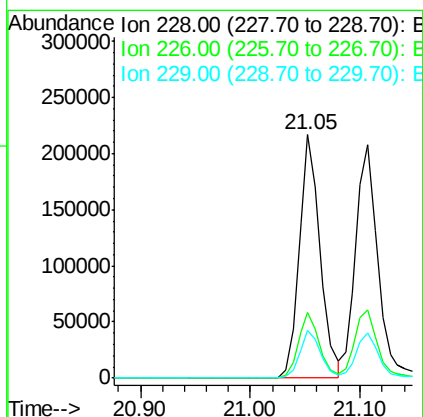
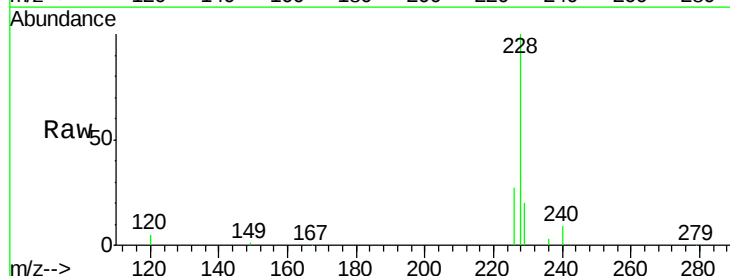
Instrument :
 BNA_E
 ClientSampleId :
 PB85478BSD

Tgt Ion:244 Resp: 162588
 Ion Ratio Lower Upper
 244 100
 212 8.3 6.9 10.3
 122 15.9 12.9 19.3



#28
 Benzo(a)anthracene
 Concen: 4.09 ng
 RT: 21.05 min Scan# 2857
 Delta R.T. -0.01 min
 Lab File: BE090760.D
 Acq: 10 Sep 2015 14:29

Tgt Ion:228 Resp: 286450
 Ion Ratio Lower Upper
 228 100
 226 27.1 21.6 32.4
 229 19.6 15.9 23.9





#29

Chrysene

Concen: 4.02 ng

RT: 21.11 min Scan# 2865

Delta R.T. -0.00 min

Lab File: BE090760.D

Acq: 10 Sep 2015 14:29

Instrument :

BNA_E

ClientSampleId :

PB85478BSD

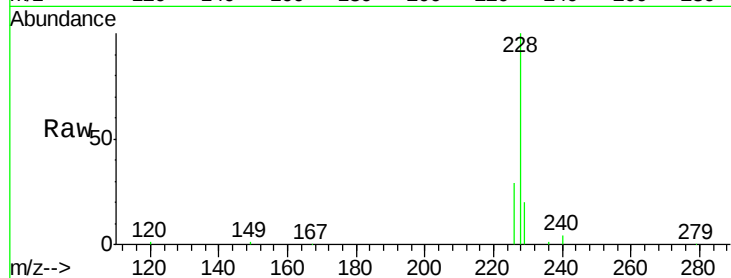
Tgt Ion:228 Resp: 296660

Ion Ratio Lower Upper

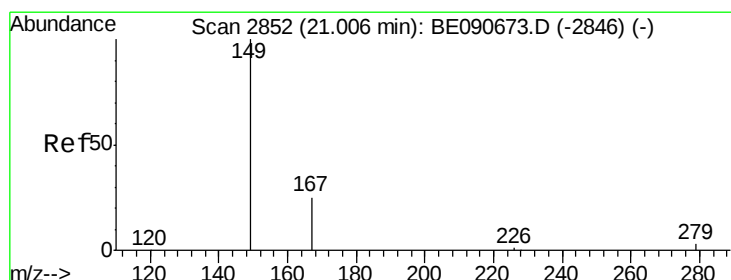
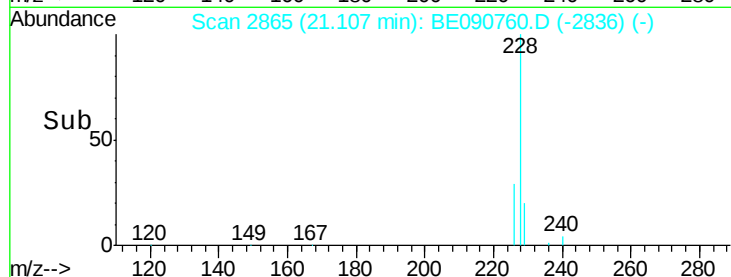
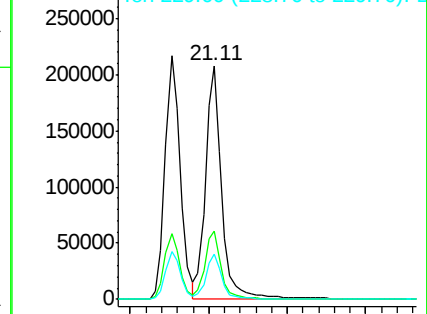
228 100

226 29.5 24.2 36.4

229 19.6 15.3 22.9



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#30

Bis(2-ethylhexyl)phthalate

Concen: 3.73 ng

RT: 21.00 min Scan# 2849

Delta R.T. -0.01 min

Lab File: BE090760.D

Acq: 10 Sep 2015 14:29

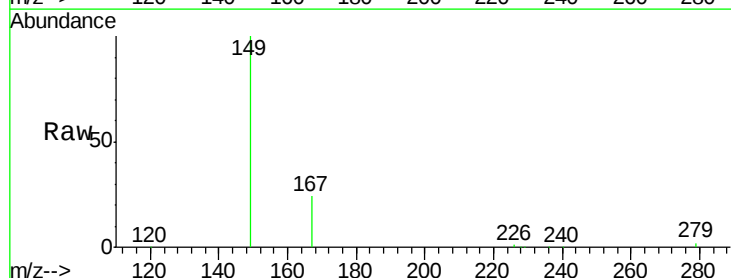
Tgt Ion:149 Resp: 83768

Ion Ratio Lower Upper

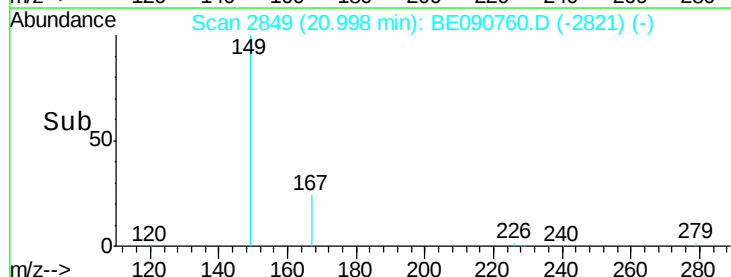
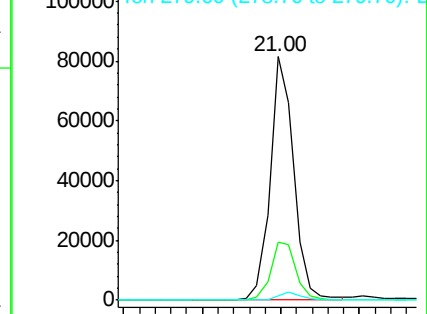
149 100

167 25.3 20.1 30.1

279 3.0 2.3 3.5



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





#31

Indeno(1,2,3-cd)pyrene

Concen: 3.81 ng

RT: 25.72 min Scan# 3813

Delta R.T. -0.01 min

Lab File: BE090760.D

Acq: 10 Sep 2015 14:29

Instrument :

BNA_E

ClientSampleId :

PB85478BSD

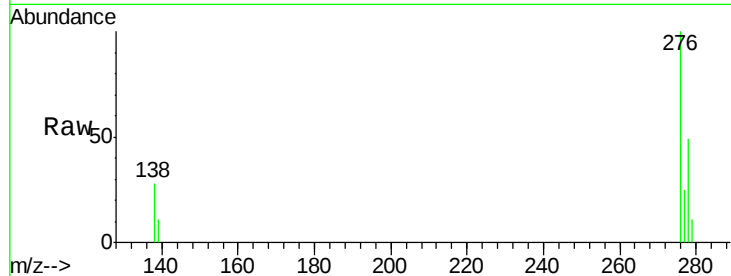
Tgt Ion: 276 Resp: 287093

Ion Ratio Lower Upper

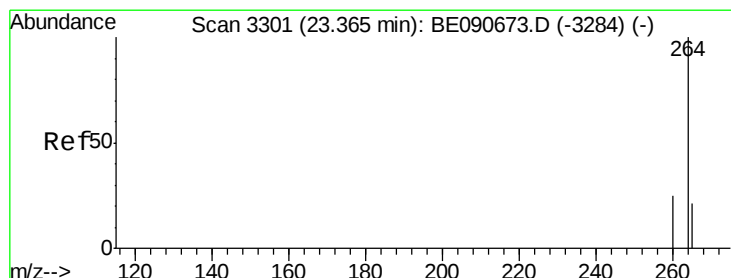
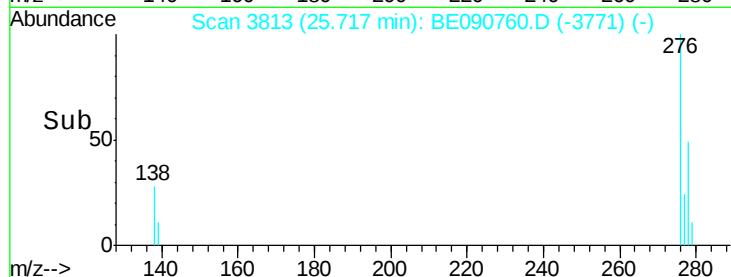
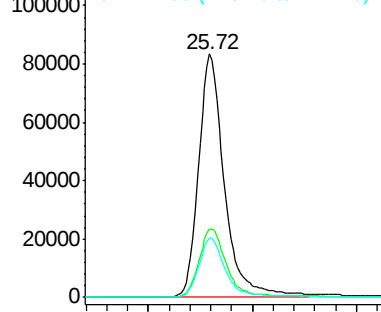
276 100

138 29.7 23.3 34.9

277 24.9 19.8 29.6



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



#32

Perylene-d12

Concen: 5.00 ng

RT: 23.36 min Scan# 3298

Delta R.T. -0.01 min

Lab File: BE090760.D

Acq: 10 Sep 2015 14:29

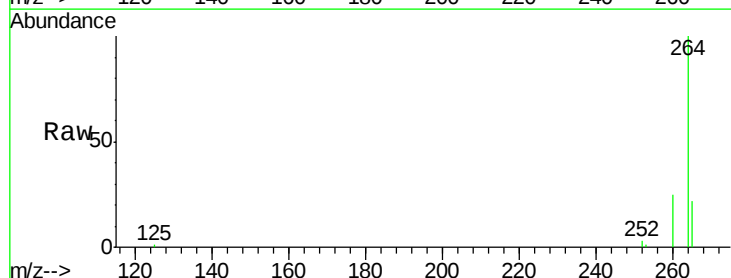
Tgt Ion: 264 Resp: 268498

Ion Ratio Lower Upper

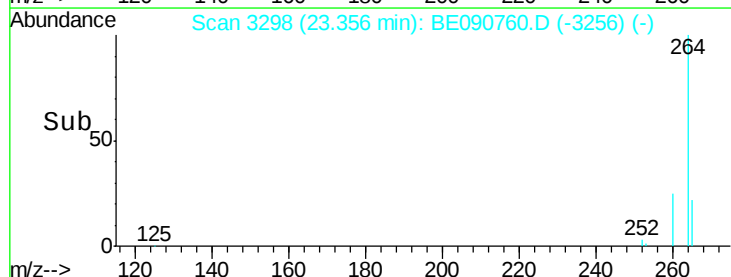
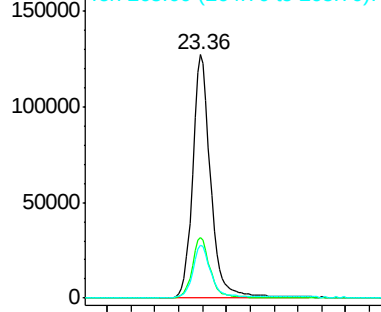
264 100

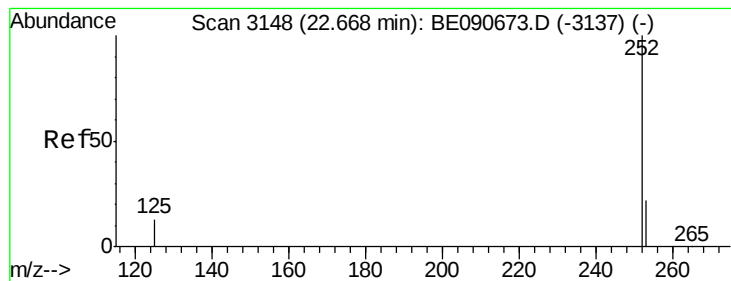
260 25.0 19.7 29.5

265 21.9 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: 4.31 ng

RT: 22.66 min Scan# 3145

Delta R.T. -0.01 min

Lab File: BE090760.D

Acq: 10 Sep 2015 14:29

Instrument :

BNA_E

ClientSampleId :

PB85478BSD

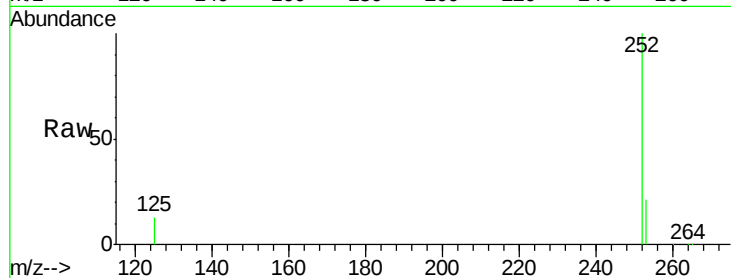
Tgt Ion:252 Resp: 250888

Ion Ratio Lower Upper

252 100

253 21.5 17.9 26.9

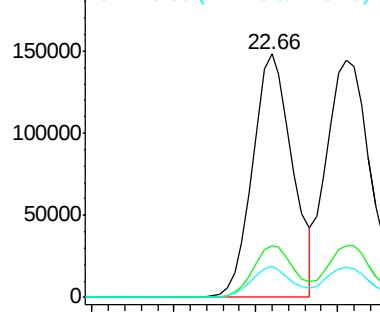
125 12.6 10.6 16.0



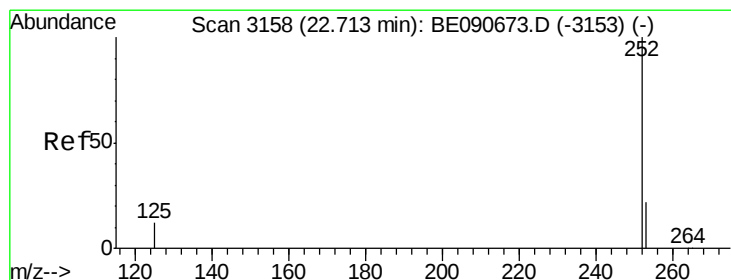
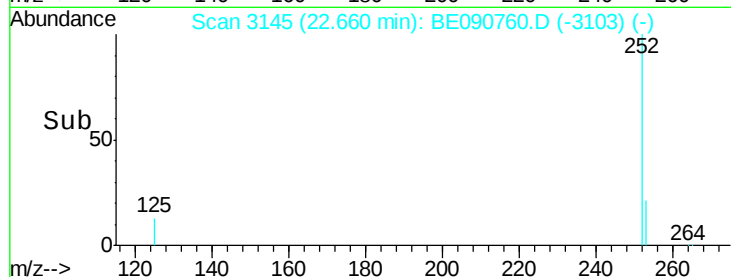
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time--> 22.55 22.60 22.65 22.70



#34

Benzo(k)fluoranthene

Concen: 4.26 ng

RT: 22.71 min Scan# 3155

Delta R.T. -0.01 min

Lab File: BE090760.D

Acq: 10 Sep 2015 14:29

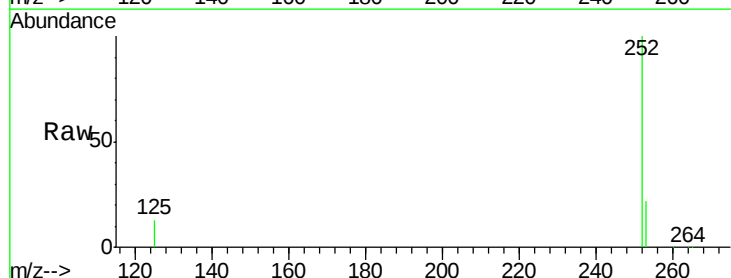
Tgt Ion:252 Resp: 288779

Ion Ratio Lower Upper

252 100

253 22.0 17.9 26.9

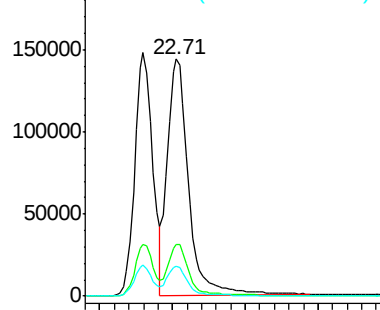
125 12.7 10.1 15.1



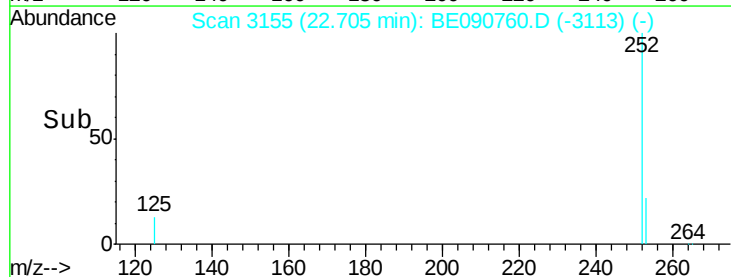
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time--> 22.60 22.70 22.80 22.90





#35

Benzo(a)pyrene

Concen: 4.51 ng

RT: 23.25 min Scan# 3275

Delta R.T. -0.01 min

Lab File: BE090760.D

Acq: 10 Sep 2015 14:29

Instrument :

BNA_E

ClientSampleId :

PB85478BSD

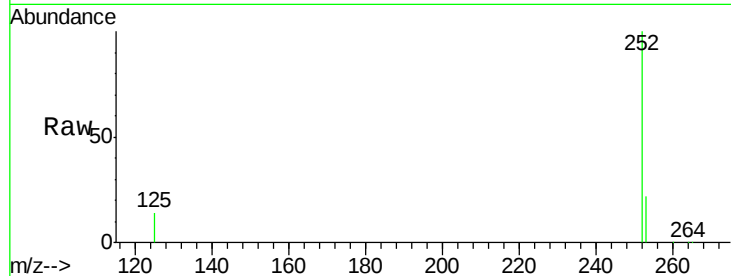
Tgt Ion: 252 Resp: 234679

Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

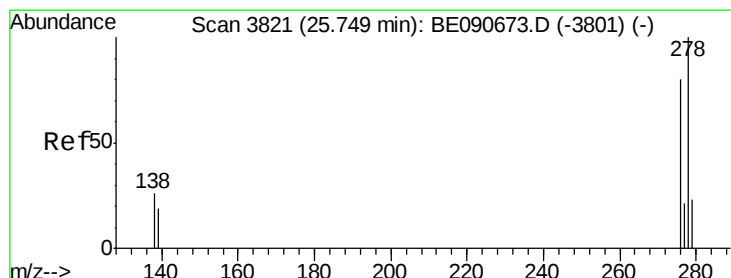
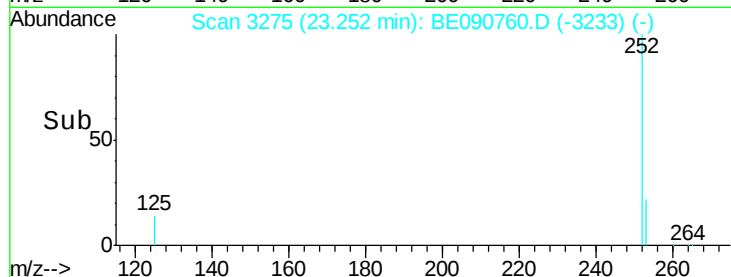
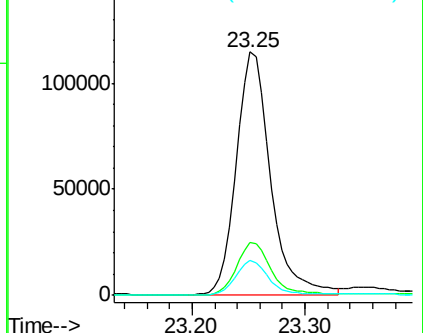
125 14.2 11.6 17.4



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: 3.76 ng

RT: 25.74 min Scan# 3818

Delta R.T. -0.01 min

Lab File: BE090760.D

Acq: 10 Sep 2015 14:29

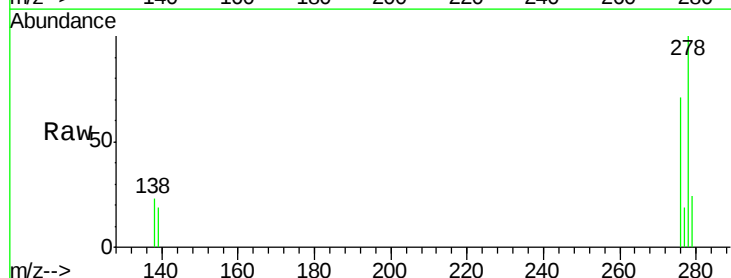
Tgt Ion: 278 Resp: 236290

Ion Ratio Lower Upper

278 100

139 19.2 15.4 23.0

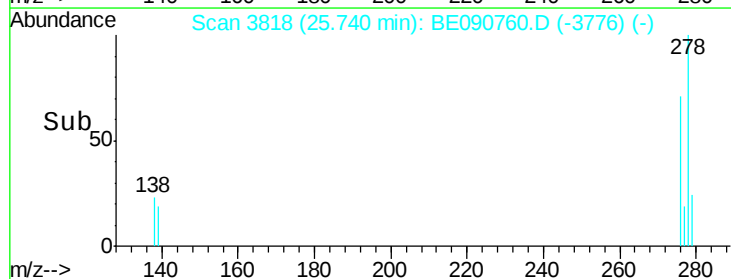
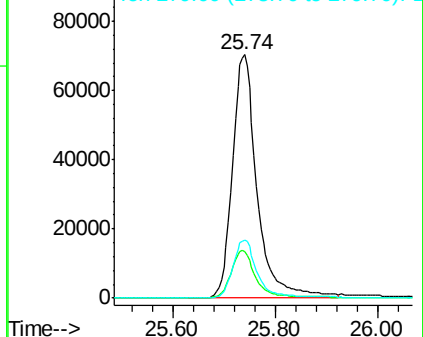
279 23.9 18.8 28.2



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: 4.10 ng

RT: 26.44 min Scan# 3972

Delta R.T. -0.01 min

Lab File: BE090760.D

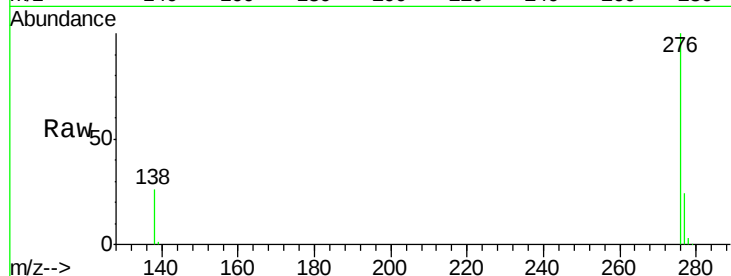
Acq: 10 Sep 2015 14:29

Instrument :

BNA_E

ClientSampleId :

PB85478BSD



Tgt Ion: 276 Resp: 245598

Ion Ratio Lower Upper

276 100

277 23.5 18.5 27.7

138 26.0 20.1 30.1

