

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081815\
 Data File : BE090556.D
 Acq On : 18 Aug 2015 16:22
 Operator : UM/IZ
 Sample : PB85070BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB85070BSD

Quant Time: Aug 19 02:31:59 2015
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE081415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 19 02:30:21 2015
 Response via : Initial Calibration

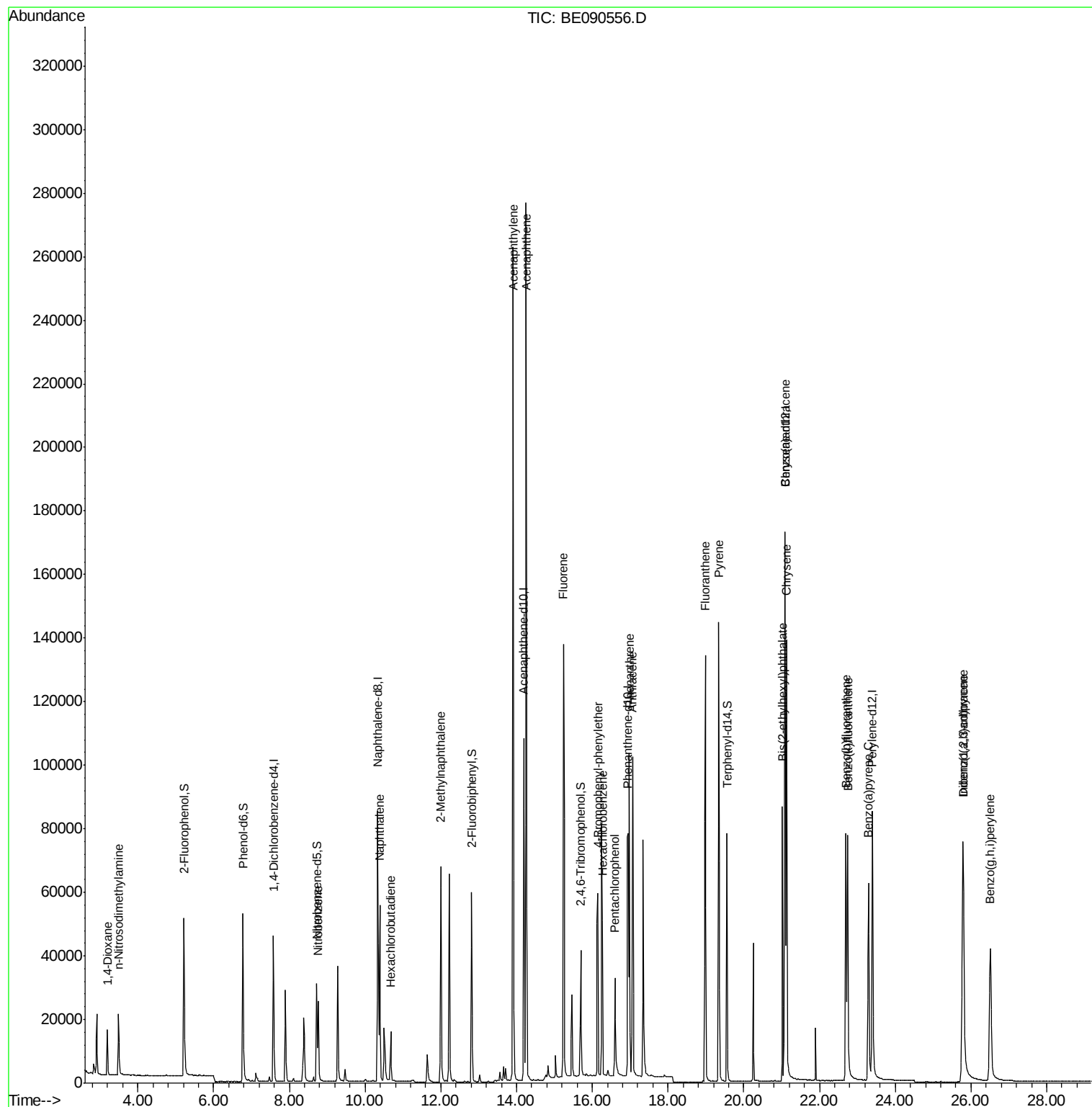
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	22242	5.00	ng	0.00
6) Naphthalene-d8	10.33	136	113585	5.00	ng	0.00
12) Acenaphthene-d10	14.19	164	61514	5.00	ng	0.00
18) Phenanthrene-d10	16.94	188	131185	5.00	ng	0.00
25) Chrysene-d12	21.09	240	133108	5.00	ng	0.00
32) Perylene-d12	23.40	264	119336	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.22	112	41629	6.47	ng	0.00
5) Phenol-d6	6.77	99	64851	6.86	ng	0.00
7) Nitrobenzene-d5	8.72	82	29026	3.21	ng	0.00
13) 2,4,6-Tribromophenol	15.69	330	17810	7.52	ng	-0.02
14) 2-Fluorobiphenyl	12.81	172	57987	3.16	ng	0.00
27) Terphenyl-d14	19.55	244	81460	3.35	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.20	88	8357	3.29	ng	94
3) n-Nitrosodimethylamine	3.49	42	11182	2.91	ng	# 73
8) Nitrobenzene	8.76	77	29914	3.19	ng	93
9) Naphthalene	10.38	128	76628	2.97	ng	98
10) Hexachlorobutadiene	10.68	225	11051	2.92	ng	99
11) 2-Methylnaphthalene	12.00	142	52487	3.12	ng	98
15) Acenaphthylene	13.91	152	347443	3.09	ng	100
16) Acenaphthene	14.25	154	52327	3.10	ng	# 78
17) Fluorene	15.24	166	67622	3.26	ng	97
19) 4-Bromophenyl-phenylether	16.14	248	18113	3.38	ng	82
20) Hexachlorobenzene	16.27	284	80171	3.37	ng	97
21) Pentachlorophenol	16.60	266	17981	6.24	ng	# 90
22) Phenanthrene	16.98	178	110411	3.21	ng	100
23) Anthracene	17.07	178	110374	3.48	ng	100
24) Fluoranthene	18.98	202	125476	3.43	ng	99
26) Pyrene	19.34	202	131501	3.45	ng	99
28) Benzo(a)anthracene	21.08	228	117523	3.35	ng	98
29) Chrysene	21.13	228	118834	3.32	ng	99
30) Bis(2-ethylhexyl)phthalate	21.02	149	72626	3.52	ng	97
31) Indeno(1,2,3-cd)pyrene	25.78	276	113997	3.38	ng	# 92
33) Benzo(b)fluoranthene	22.70	252	103535	3.66	ng	99
34) Benzo(k)fluoranthene	22.74	252	112018	3.50	ng	99
35) Benzo(a)pyrene	23.29	252	102402	3.87	ng	98
36) Dibenzo(a,h)anthracene	25.80	278	90768	3.56	ng	98
37) Benzo(g,h,i)perylene	26.51	276	100425	3.60	ng	95

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

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Quant Time: Aug 19 02:31:59 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE081415.M
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QLast Update : Wed Aug 19 02:30:21 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.58 min Scan# 844

Delta R.T. 0.00 min

Lab File: BE090556.D

Acq: 18 Aug 2015 16:22

Instrument :

BNA_E

ClientSampleId :

PB85070BSD

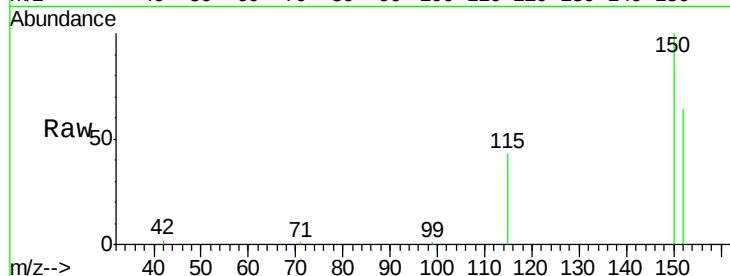
Tgt Ion:152 Resp: 22242

Ion Ratio Lower Upper

152 100

150 155.8 123.0 184.4

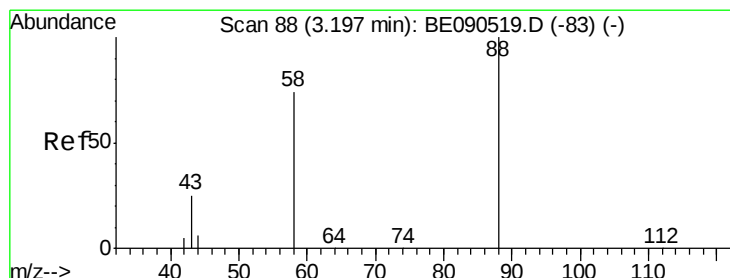
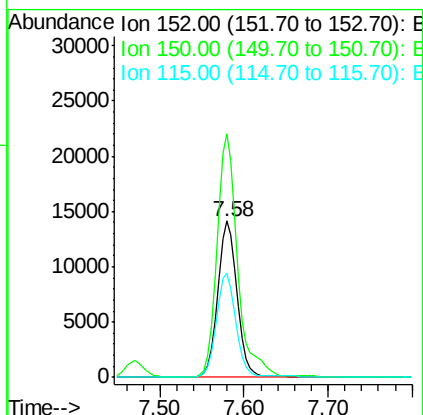
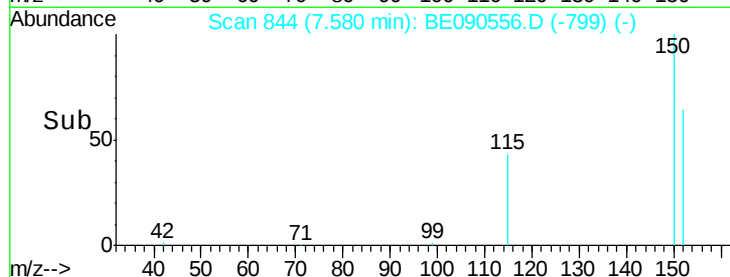
115 66.9 48.9 73.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 3.29 ng

RT: 3.20 min Scan# 88

Delta R.T. 0.01 min

Lab File: BE090556.D

Acq: 18 Aug 2015 16:22

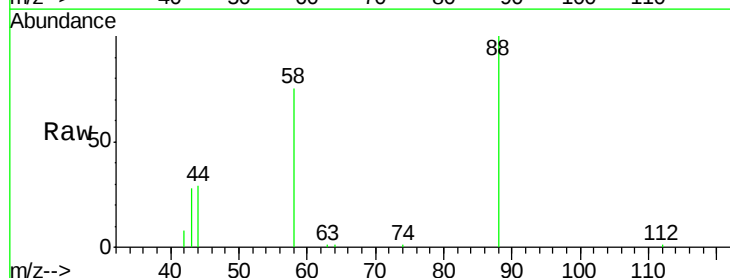
Tgt Ion: 88 Resp: 8357

Ion Ratio Lower Upper

88 100

58 83.3 70.0 105.0

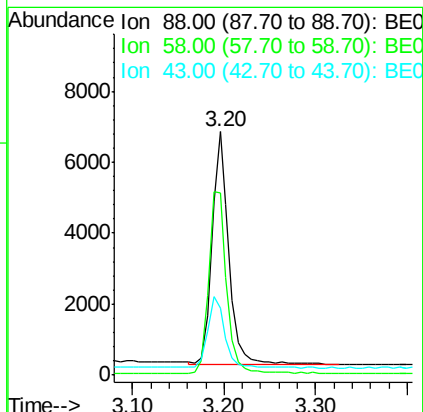
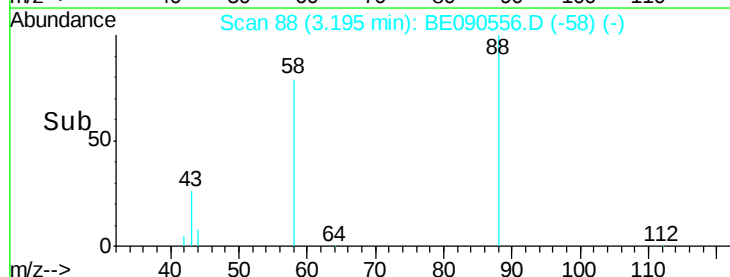
43 30.7 28.4 42.6



Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 2.91 ng

RT: 3.49 min Scan# 131

Delta R.T. 0.01 min

Lab File: BE090556.D

Acq: 18 Aug 2015 16:22

Instrument :

BNA_E

ClientSampleId :

PB85070BSD

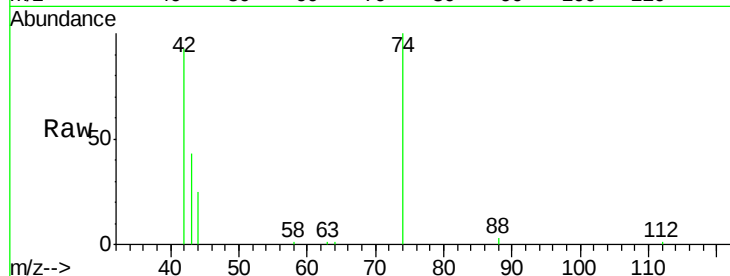
Tgt Ion: 42 Resp: 11182

Ion Ratio Lower Upper

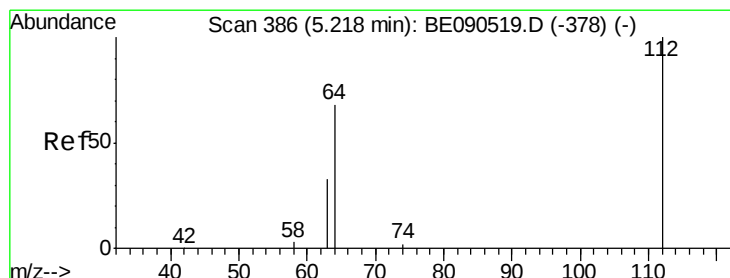
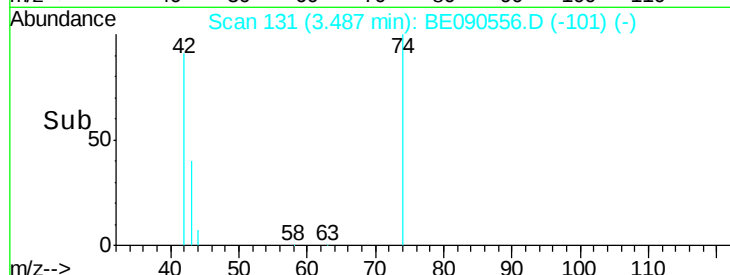
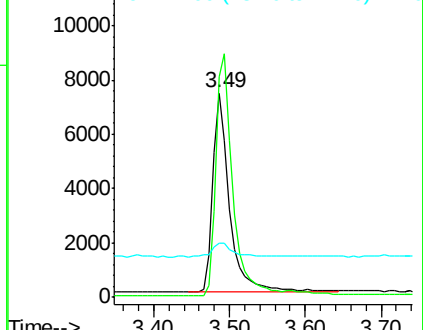
42 100

74 122.8 75.2 112.8#

44 8.7 8.7 13.1



Abundance Ion 42.00 (41.70 to 42.70): BE0
Ion 74.00 (73.70 to 74.70): BE0
Ion 44.00 (43.70 to 44.70): BE0



#4

2-Fluorophenol

Concen: 6.47 ng

RT: 5.22 min Scan# 386

Delta R.T. 0.01 min

Lab File: BE090556.D

Acq: 18 Aug 2015 16:22

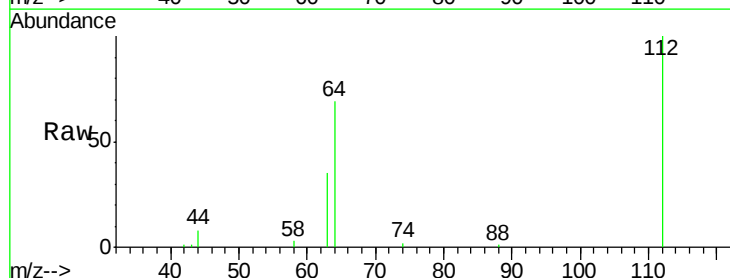
Tgt Ion: 112 Resp: 41629

Ion Ratio Lower Upper

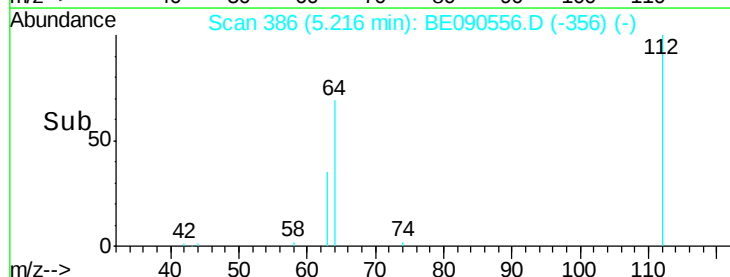
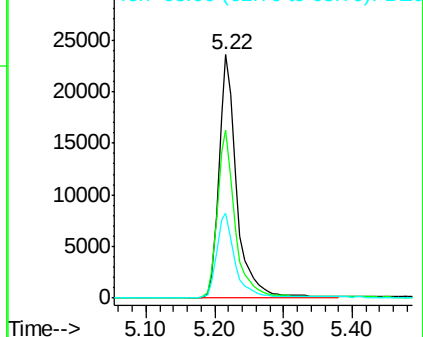
112 100

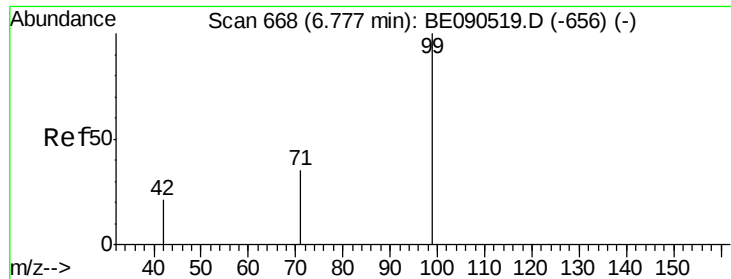
64 69.3 37.1 55.7#

63 35.5 19.5 29.3#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BE0
Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 6.86 ng

RT: 6.77 min Scan# 667

Delta R.T. -0.00 min

Lab File: BE090556.D

Acq: 18 Aug 2015 16:22

Instrument :

BNA_E

ClientSampleId :

PB85070BSD

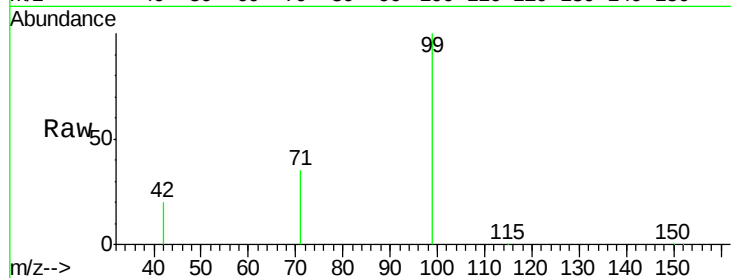
Tgt Ion: 99 Resp: 64851

Ion Ratio Lower Upper

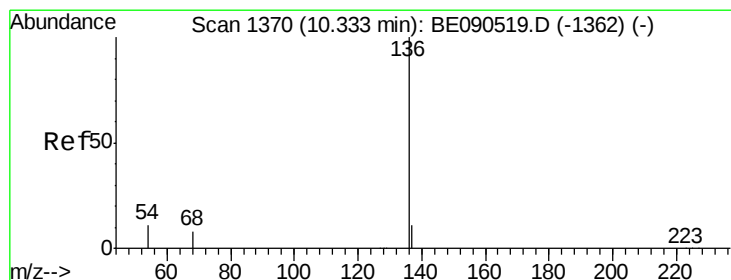
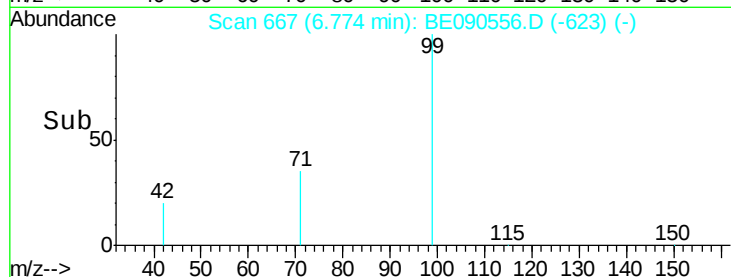
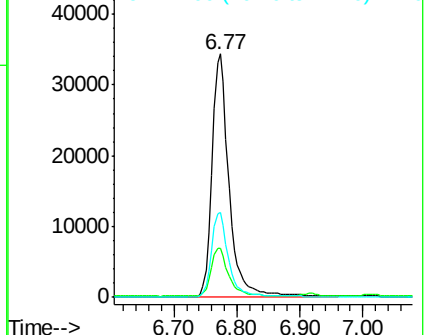
99 100

42 20.7 18.2 27.4

71 35.2 27.4 41.0



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: 10.33 min Scan# 1370

Delta R.T. 0.00 min

Lab File: BE090556.D

Acq: 18 Aug 2015 16:22

Tgt Ion: 136 Resp: 113585

Ion Ratio Lower Upper

136 100

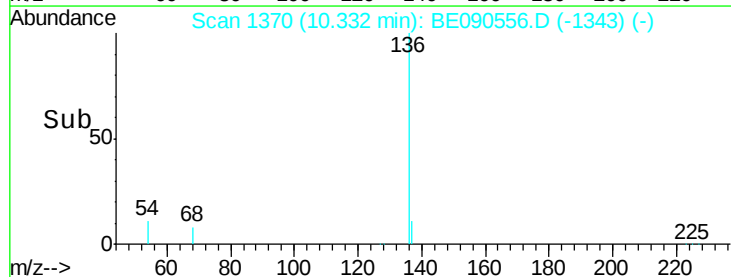
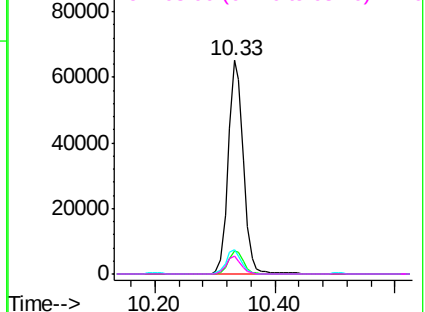
137 10.9 8.7 13.1

54 11.3 9.4 14.0

68 8.4 6.5 9.7



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: 3.21 ng

RT: 8.72 min Scan# 1091

Delta R.T. 0.00 min

Lab File: BE090556.D

Acq: 18 Aug 2015 16:22

Instrument :

BNA_E

ClientSampleId :

PB85070BSD

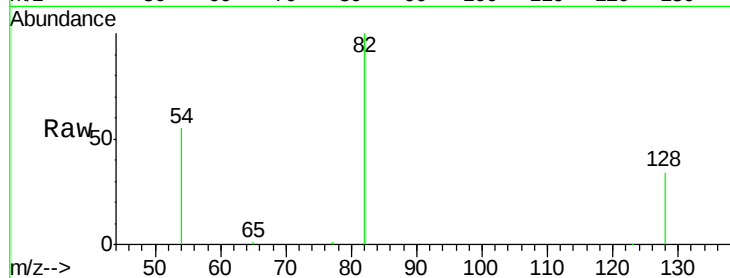
Tgt Ion: 82 Resp: 29026

Ion Ratio Lower Upper

82 100

128 33.9 25.0 37.6

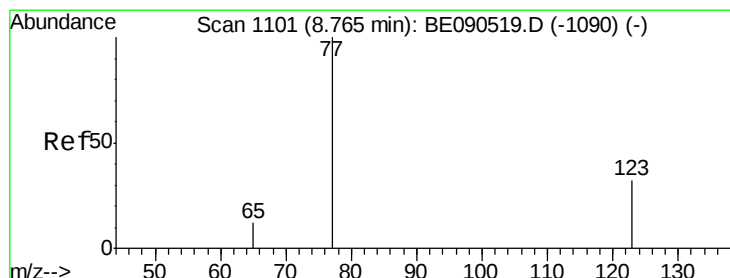
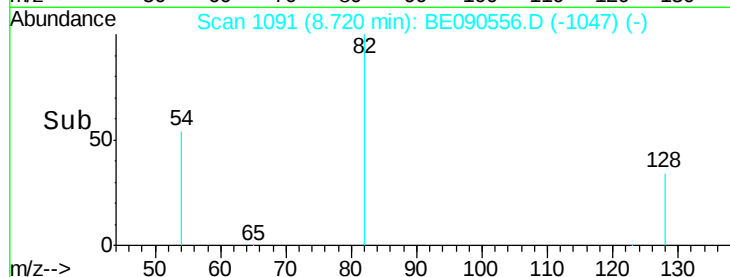
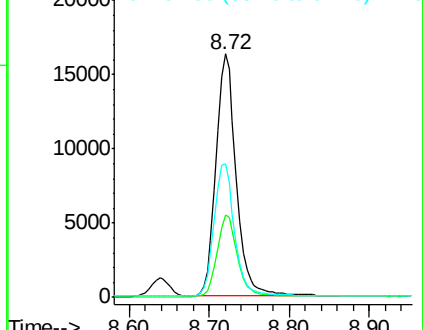
54 54.7 48.8 73.2



Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0



#8

Nitrobenzene

Concen: 3.19 ng

RT: 8.76 min Scan# 1100

Delta R.T. 0.00 min

Lab File: BE090556.D

Acq: 18 Aug 2015 16:22

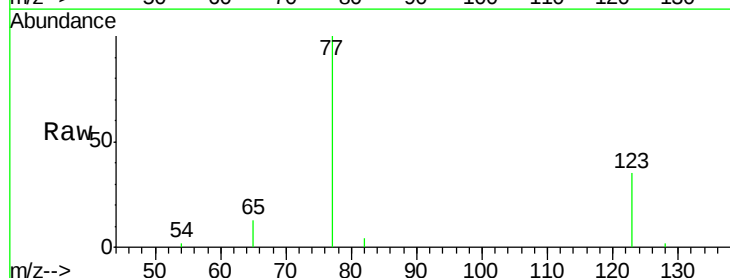
Tgt Ion: 77 Resp: 29914

Ion Ratio Lower Upper

77 100

123 35.6 25.1 37.7

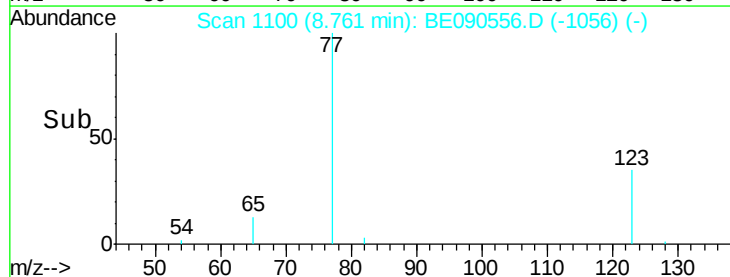
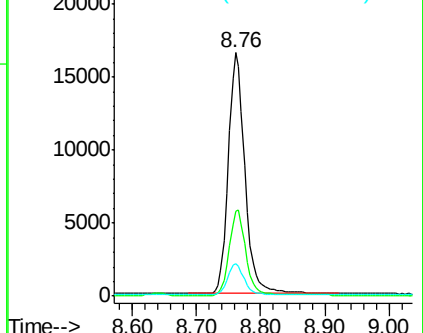
65 13.1 9.3 13.9

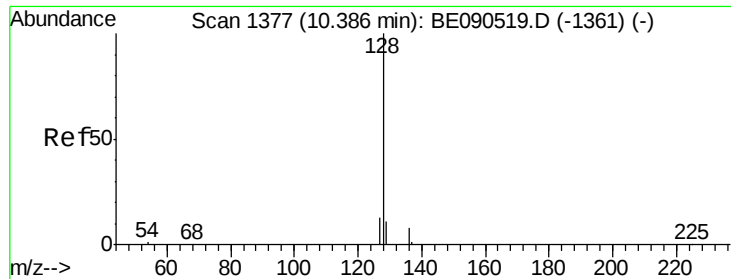


Abundance Ion 77.00 (76.70 to 77.70): BE0

Ion 123.00 (122.70 to 123.70): BE0

Ion 65.00 (64.70 to 65.70): BE0





#9

Naphthalene

Concen: 2.97 ng

RT: 10.38 min Scan# 1377

Delta R.T. 0.00 min

Lab File: BE090556.D

Acq: 18 Aug 2015 16:22

Instrument :

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ClientSampleId :

PB85070BSD

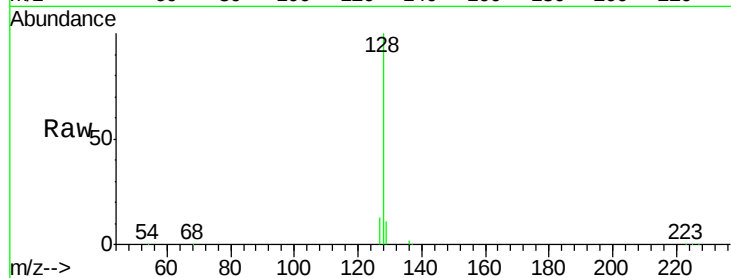
Tgt Ion:128 Resp: 76628

Ion Ratio Lower Upper

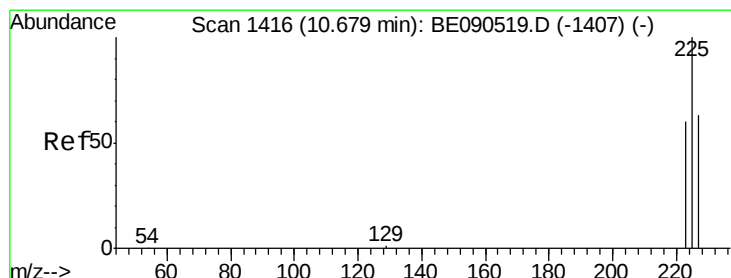
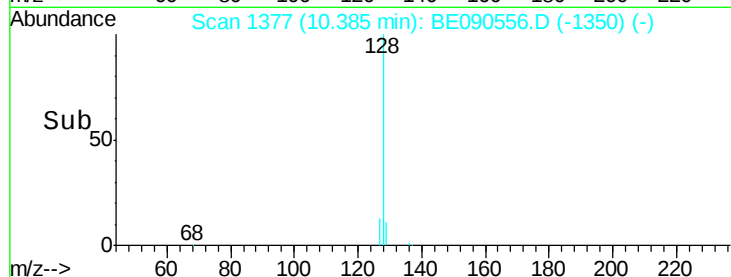
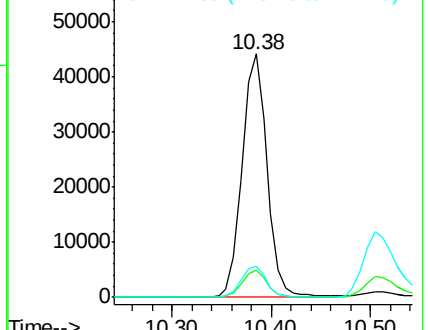
128 100

129 11.2 9.8 14.6

127 12.8 10.6 16.0



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 2.92 ng

RT: 10.68 min Scan# 1416

Delta R.T. 0.00 min

Lab File: BE090556.D

Acq: 18 Aug 2015 16:22

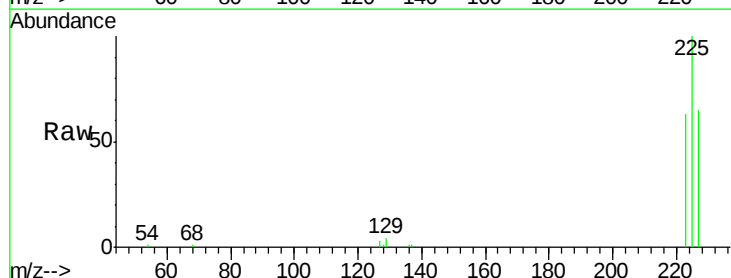
Tgt Ion:225 Resp: 11051

Ion Ratio Lower Upper

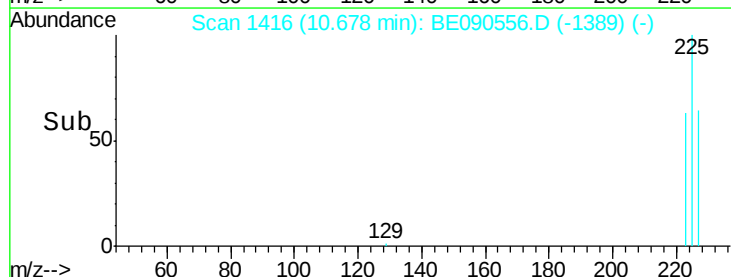
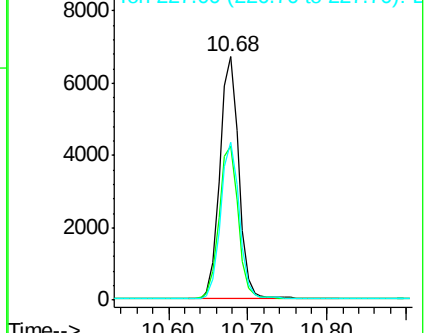
225 100

223 63.7 50.6 75.8

227 64.3 50.7 76.1



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene

Concen: 3.12 ng

RT: 12.00 min Scan# 1648

Delta R.T. -0.00 min

Lab File: BE090556.D

Acq: 18 Aug 2015 16:22

Instrument :

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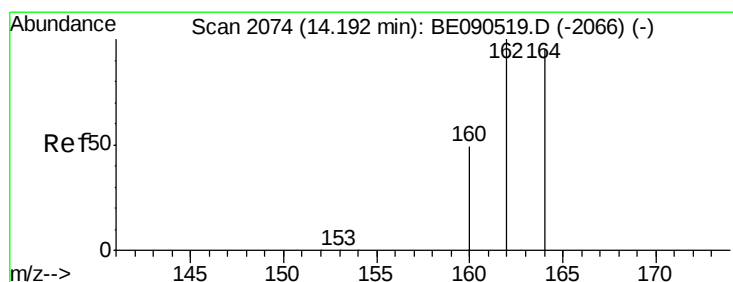
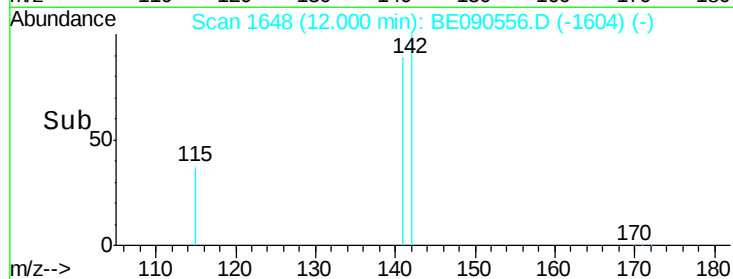
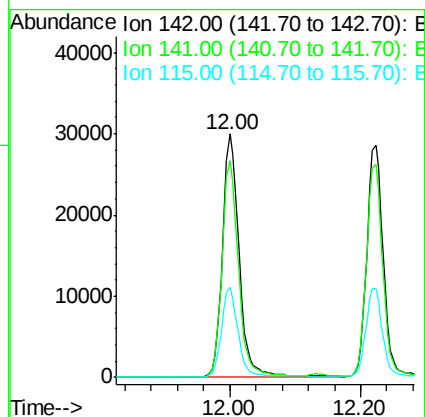
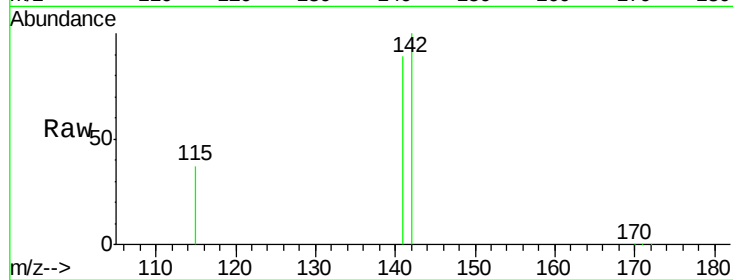
Tgt Ion:142 Resp: 52487

Ion Ratio Lower Upper

142 100

141 89.3 72.6 109.0

115 37.0 31.6 47.4



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.19 min Scan# 2074

Delta R.T. 0.00 min

Lab File: BE090556.D

Acq: 18 Aug 2015 16:22

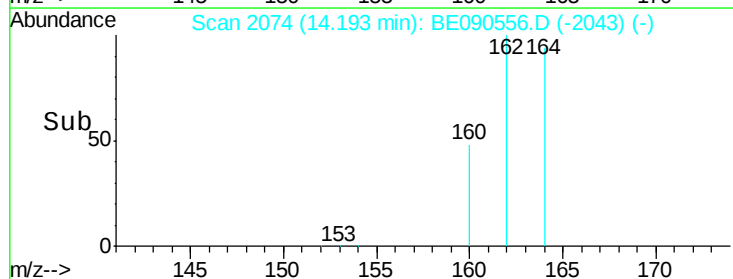
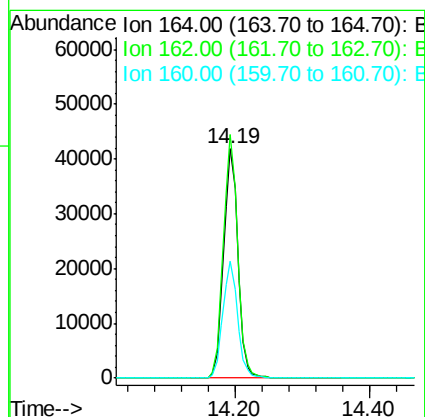
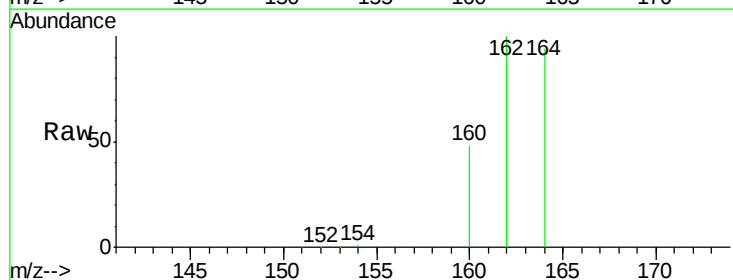
Tgt Ion:164 Resp: 61514

Ion Ratio Lower Upper

164 100

162 106.2 81.8 122.8

160 50.9 44.2 66.4

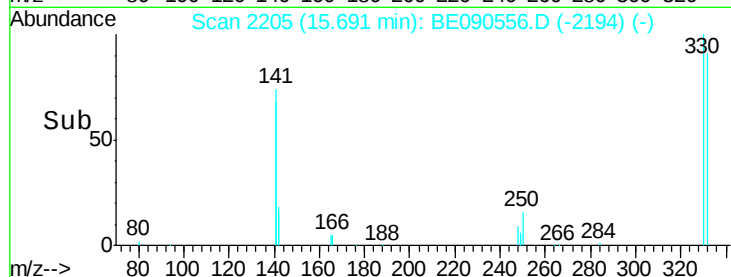
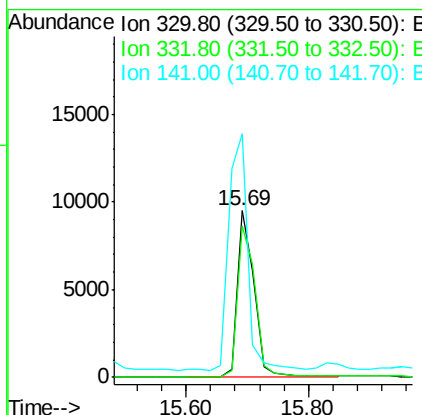
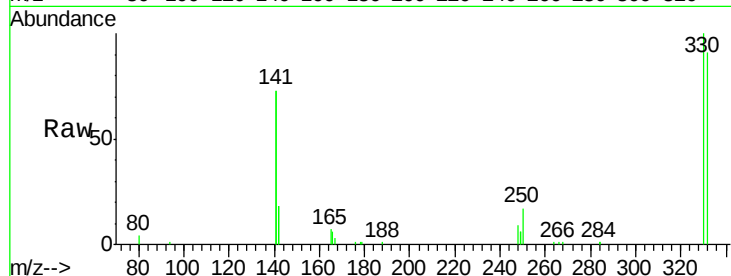




#13
 2,4,6-Tribromophenol
 Concen: 7.52 ng
 RT: 15.69 min Scan# 2205
 Delta R.T. -0.02 min
 Lab File: BE090556.D
 Acq: 18 Aug 2015 16:22

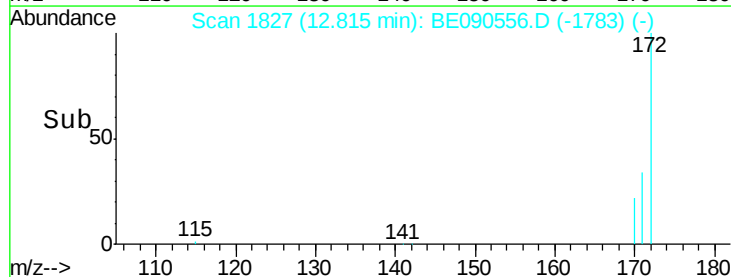
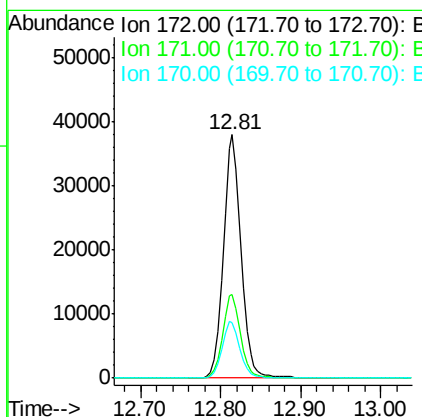
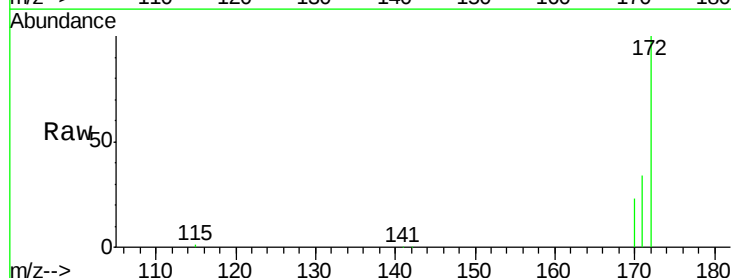
Instrument :
 BNA_E
 ClientSampleId :
 PB85070BSD

Tgt Ion:330 Resp: 17810
 Ion Ratio Lower Upper
 330 100
 332 97.1 75.8 113.6
 141 164.2 114.4 171.6



#14
 2-Fluorobiphenyl
 Concen: 3.16 ng
 RT: 12.81 min Scan# 1827
 Delta R.T. -0.00 min
 Lab File: BE090556.D
 Acq: 18 Aug 2015 16:22

Tgt Ion:172 Resp: 57987
 Ion Ratio Lower Upper
 172 100
 171 34.1 28.5 42.7
 170 22.6 19.8 29.8





#15

Acenaphthylene

Concen: 3.09 ng

RT: 13.91 min Scan# 2030

Delta R.T. 0.00 min

Lab File: BE090556.D

Acq: 18 Aug 2015 16:22

Instrument :

BNA_E

ClientSampleId :

PB85070BSD

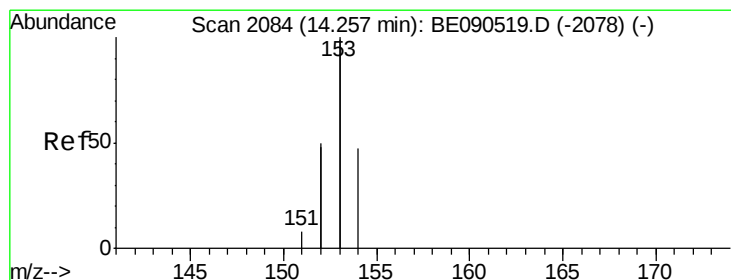
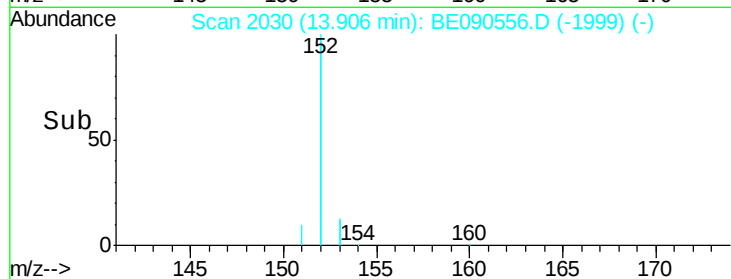
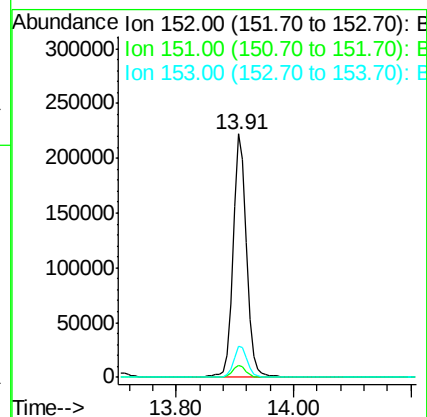
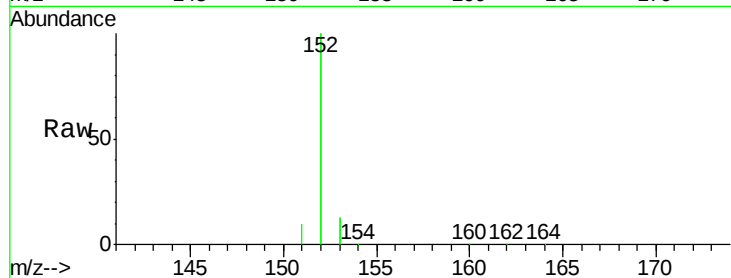
Tgt Ion:152 Resp: 347443

Ion Ratio Lower Upper

152 100

151 4.9 3.8 5.8

153 13.0 10.3 15.5



#16

Acenaphthene

Concen: 3.10 ng

RT: 14.25 min Scan# 2083

Delta R.T. 0.00 min

Lab File: BE090556.D

Acq: 18 Aug 2015 16:22

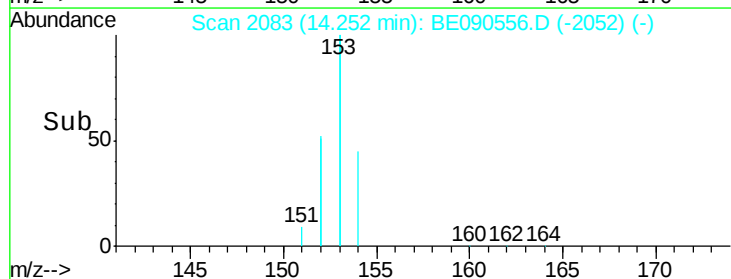
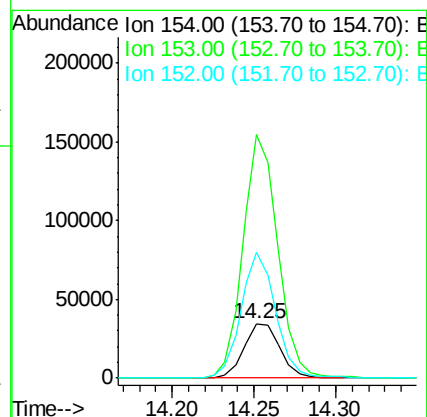
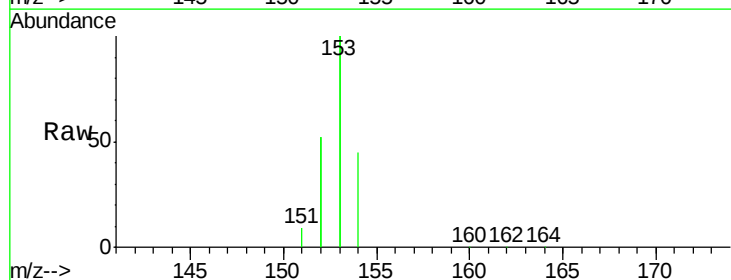
Tgt Ion:154 Resp: 52327

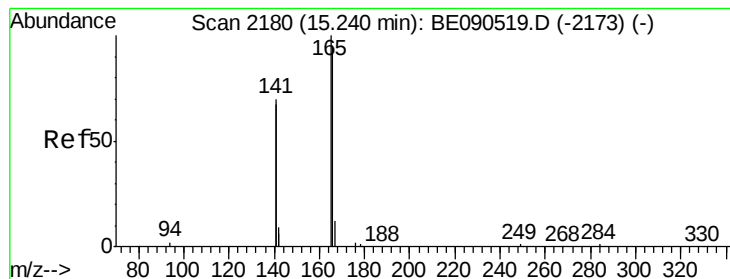
Ion Ratio Lower Upper

154 100

153 434.9 376.2 564.2

152 222.2 235.0 352.4#





#17

Fluorene

Concen: 3.26 ng

RT: 15.24 min Scan# 2179

Delta R.T. 0.00 min

Lab File: BE090556.D

Acq: 18 Aug 2015 16:22

Instrument :

BNA_E

ClientSampleId :

PB85070BSD

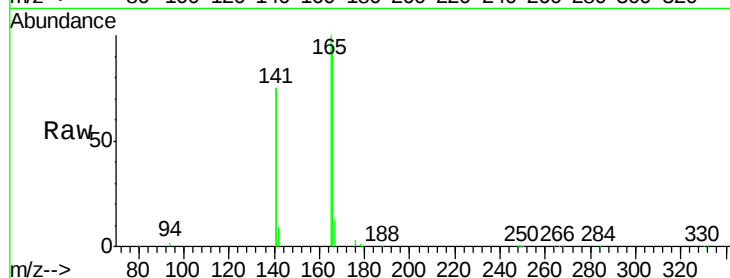
Tgt Ion:166 Resp: 67622

Ion Ratio Lower Upper

166 100

165 98.9 81.5 122.3

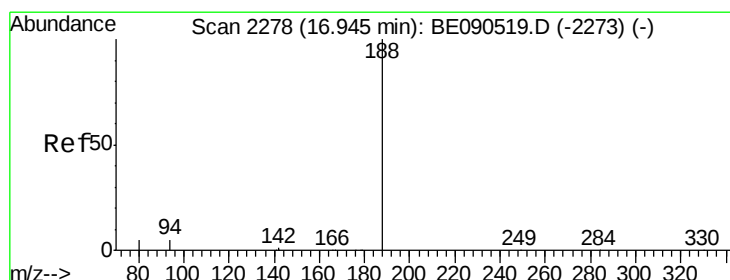
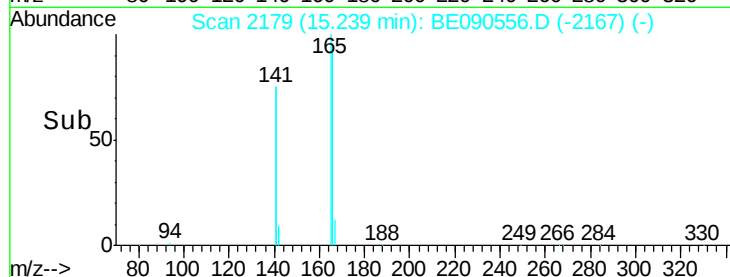
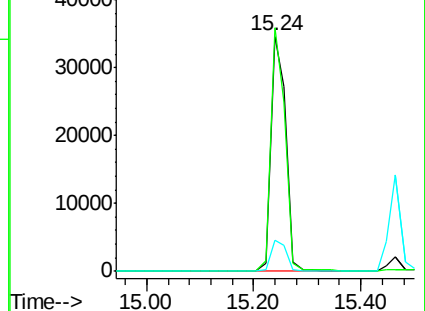
167 13.6 11.4 17.0



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: BE090556.D

Acq: 18 Aug 2015 16:22

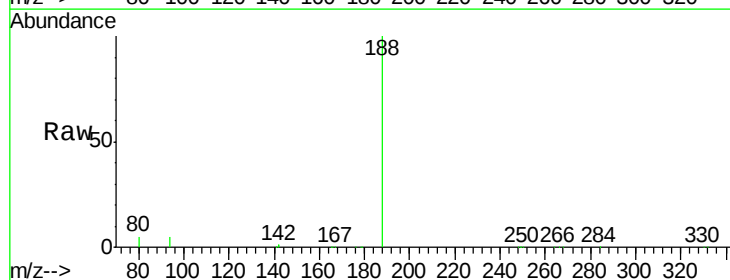
Tgt Ion:188 Resp: 131185

Ion Ratio Lower Upper

188 100

94 4.8 5.7 8.5#

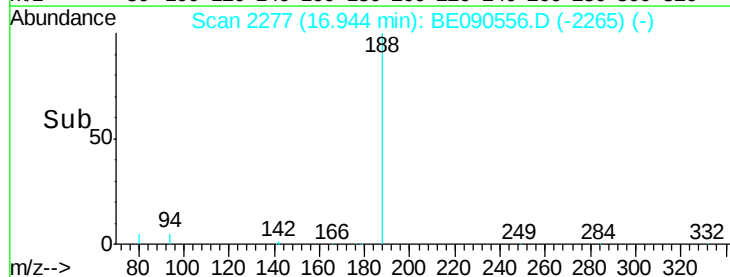
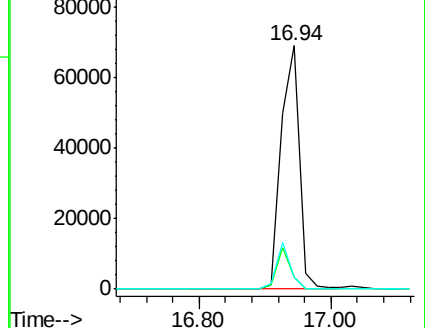
80 4.8 5.8 8.8#



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: 3.38 ng

RT: 16.14 min Scan# 2231

Delta R.T. 0.00 min

Lab File: BE090556.D

Acq: 18 Aug 2015 16:22

Instrument :

BNA_E

ClientSampleId :

PB85070BSD

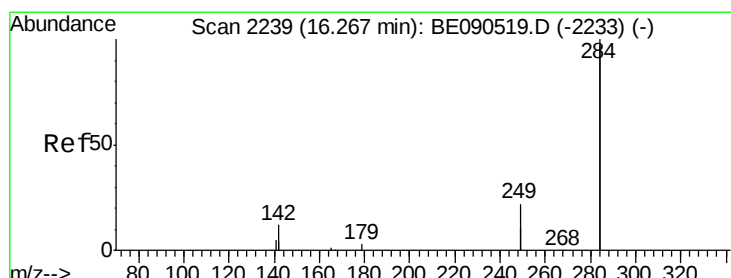
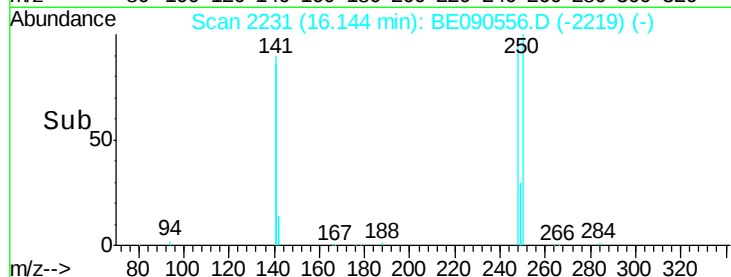
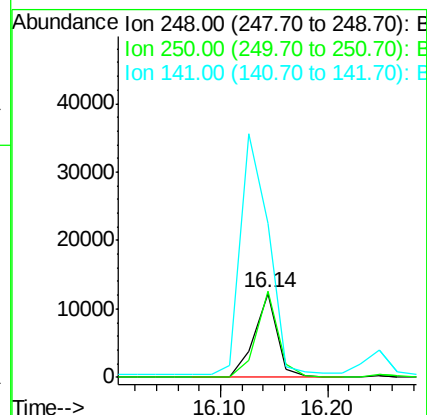
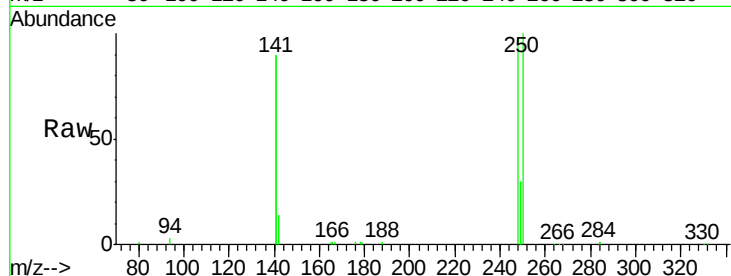
Tgt Ion:248 Resp: 18113

Ion Ratio Lower Upper

248 100

250 97.6 79.0 118.6

141 346.4 239.5 359.3



#20

Hexachlorobenzene

Concen: 3.37 ng

RT: 16.27 min Scan# 2238

Delta R.T. 0.00 min

Lab File: BE090556.D

Acq: 18 Aug 2015 16:22

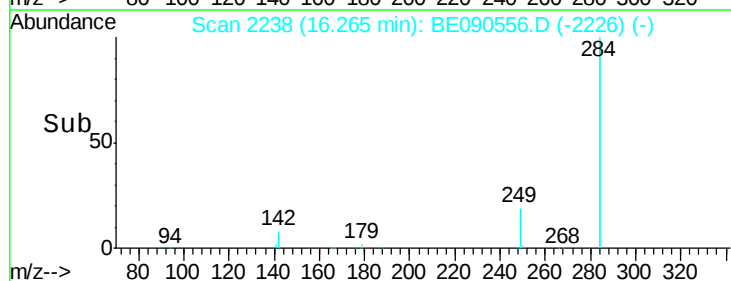
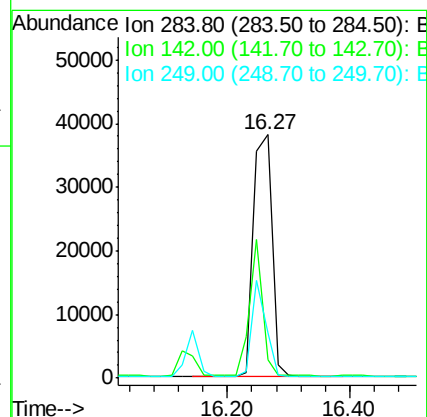
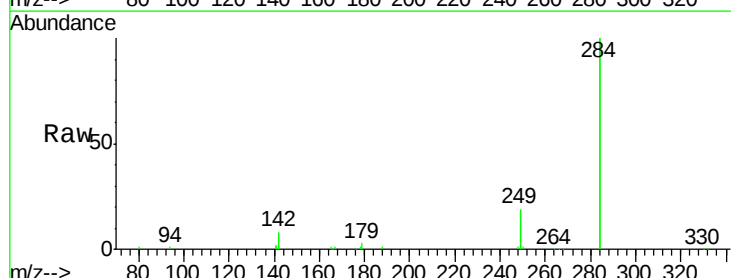
Tgt Ion:284 Resp: 80171

Ion Ratio Lower Upper

284 100

142 39.7 30.1 45.1

249 30.5 25.7 38.5

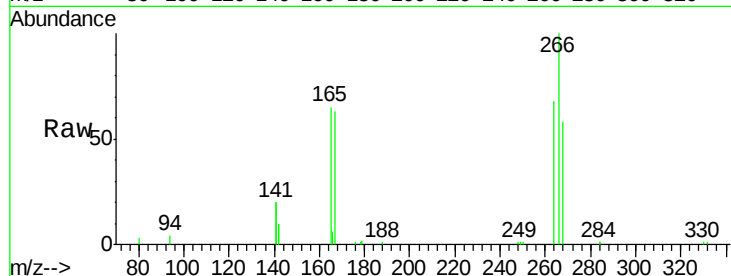




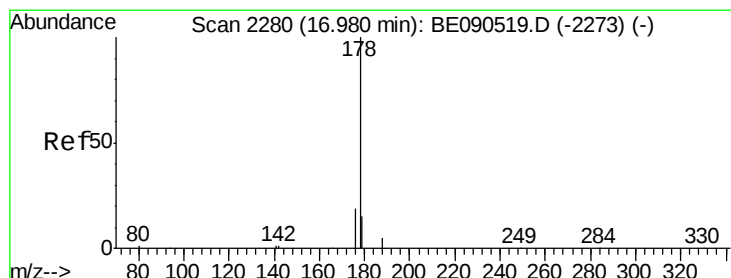
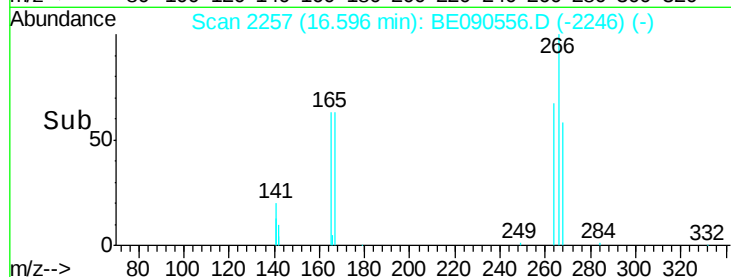
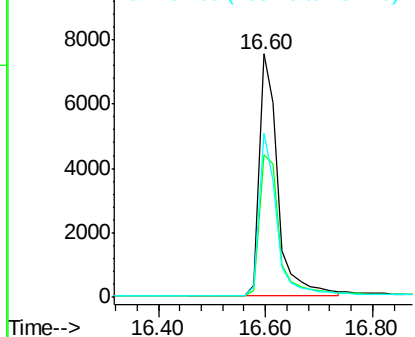
#21
 Pentachlorophenol
 Concen: 6.24 ng
 RT: 16.60 min Scan# 2257
 Delta R.T. -0.02 min
 Lab File: BE090556.D
 Acq: 18 Aug 2015 16:22

Instrument :
 BNA_E
 ClientSampleId :
 PB85070BSD

Tgt Ion: 266 Resp: 17981
 Ion Ratio Lower Upper
 266 100
 268 58.3 58.5 87.7#
 264 67.5 56.0 84.0

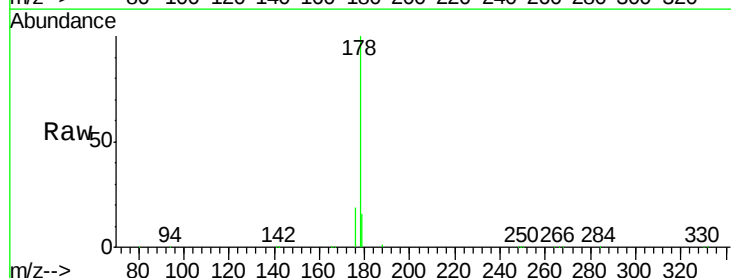


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

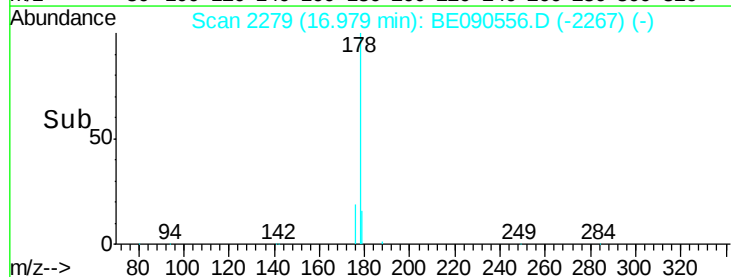
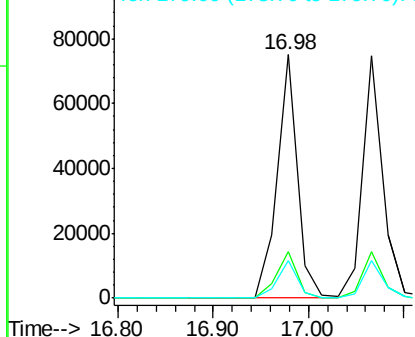


#22
 Phenanthrene
 Concen: 3.21 ng
 RT: 16.98 min Scan# 2279
 Delta R.T. 0.00 min
 Lab File: BE090556.D
 Acq: 18 Aug 2015 16:22

Tgt Ion: 178 Resp: 110411
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.4 23.2
 179 15.5 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





#23

Anthracene

Concen: 3.48 ng

RT: 17.07 min Scan# 2284

Delta R.T. 0.00 min

Lab File: BE090556.D

Acq: 18 Aug 2015 16:22

Instrument :

BNA_E

ClientSampleId :

PB85070BSD

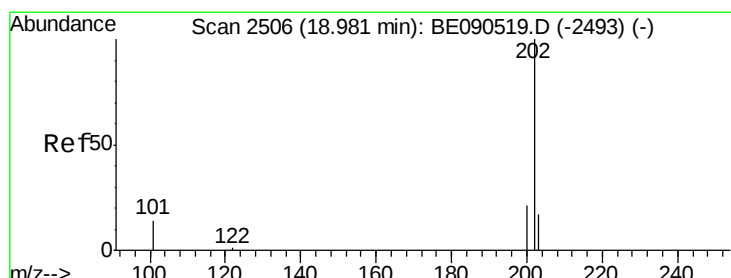
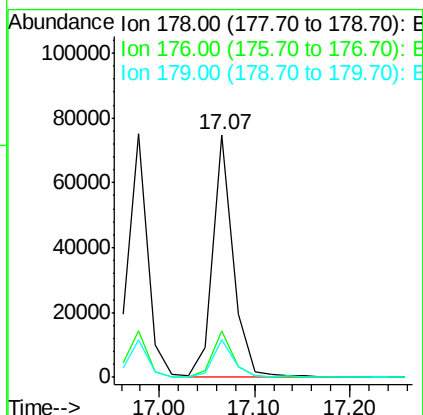
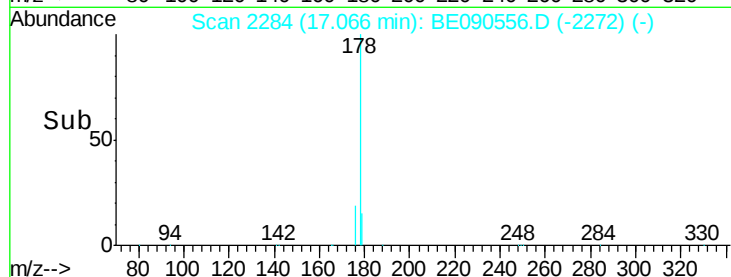
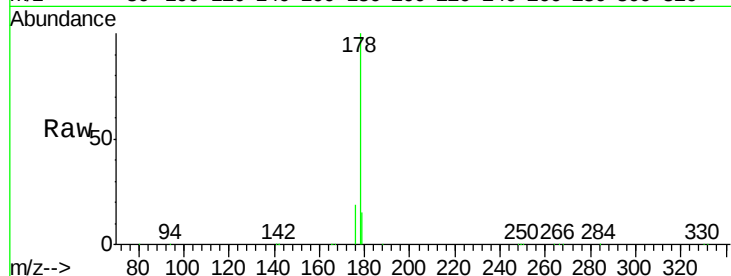
Tgt Ion:178 Resp: 110374

Ion Ratio Lower Upper

178 100

176 18.7 14.9 22.3

179 15.4 12.2 18.4



#24

Fluoranthene

Concen: 3.43 ng

RT: 18.98 min Scan# 2505

Delta R.T. 0.00 min

Lab File: BE090556.D

Acq: 18 Aug 2015 16:22

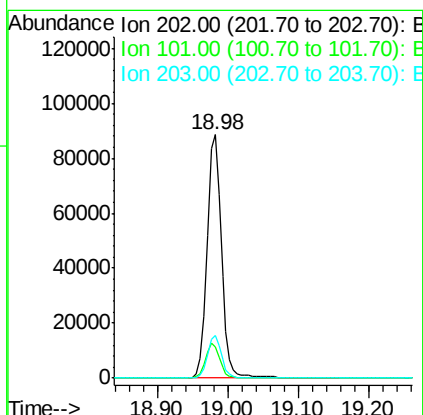
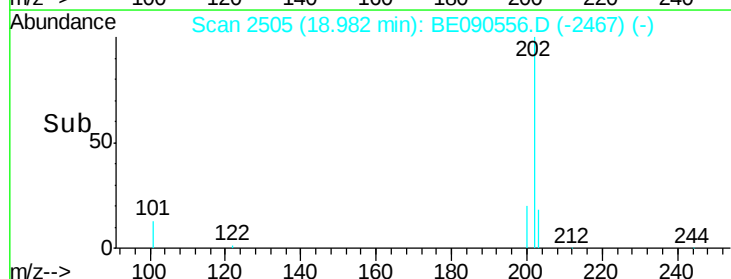
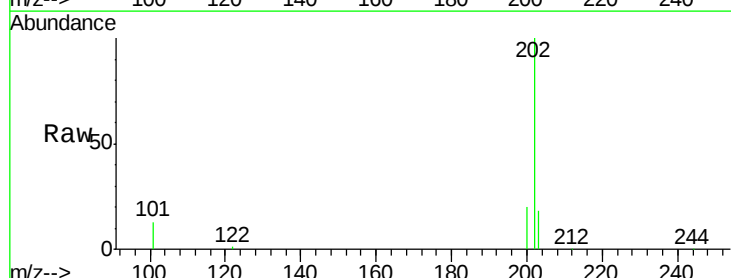
Tgt Ion:202 Resp: 125476

Ion Ratio Lower Upper

202 100

101 13.9 10.3 15.5

203 17.1 13.7 20.5





#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.09 min Scan# 2864

Delta R.T. 0.00 min

Lab File: BE090556.D

Acq: 18 Aug 2015 16:22

Instrument :

BNA_E

ClientSampleId :

PB85070BSD

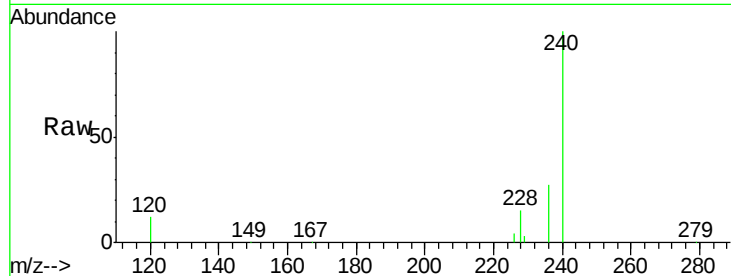
Tgt Ion:240 Resp: 133108

Ion Ratio Lower Upper

240 100

120 11.9 8.3 12.5

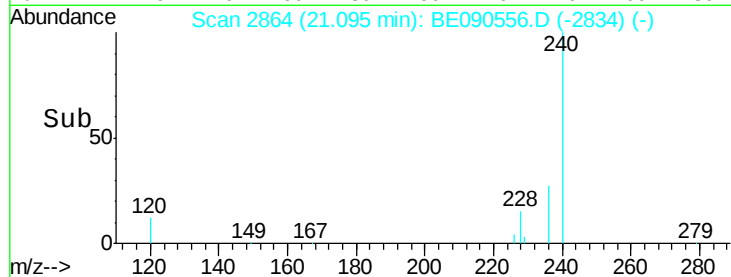
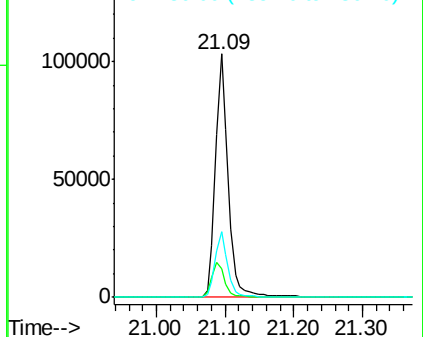
236 27.1 21.0 31.4



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: 3.45 ng

RT: 19.34 min Scan# 2573

Delta R.T. 0.00 min

Lab File: BE090556.D

Acq: 18 Aug 2015 16:22

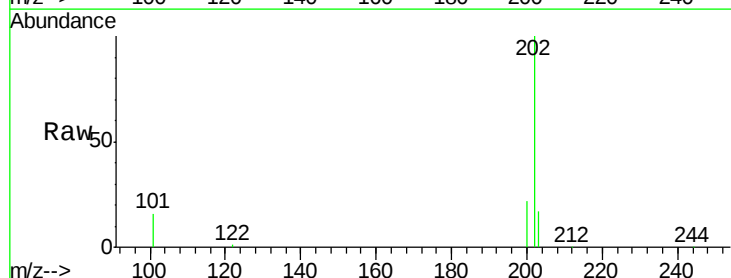
Tgt Ion:202 Resp: 131501

Ion Ratio Lower Upper

202 100

200 21.3 16.7 25.1

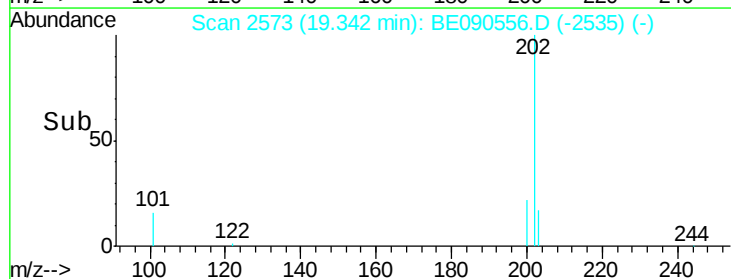
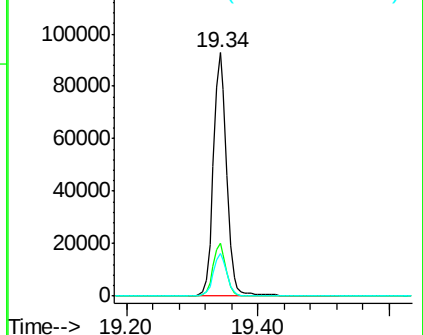
203 18.0 13.8 20.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

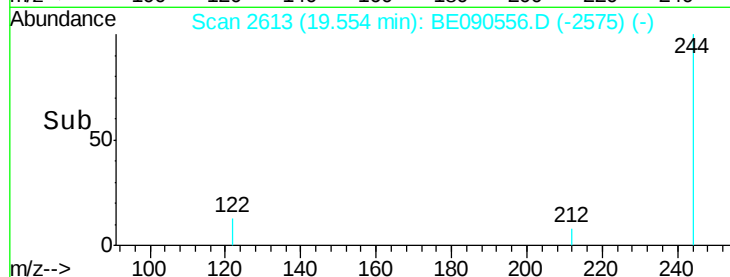
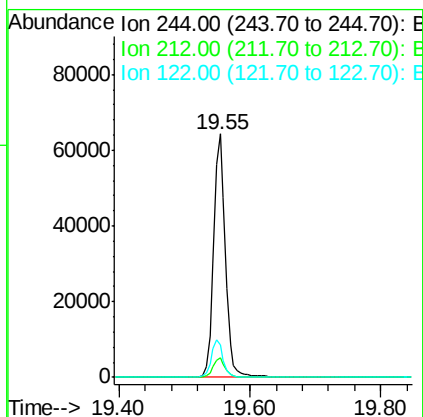
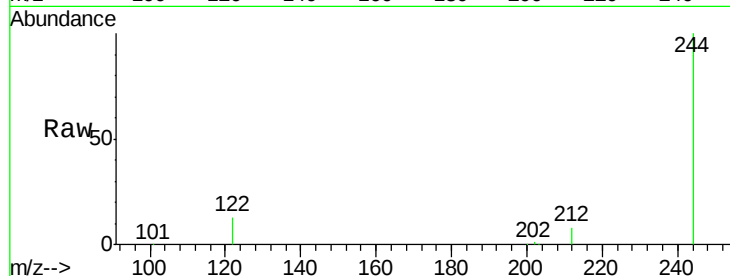




#27
 Terphenyl-d14
 Concen: 3.35 ng
 RT: 19.55 min Scan# 2613
 Delta R.T. 0.00 min
 Lab File: BE090556.D
 Acq: 18 Aug 2015 16:22

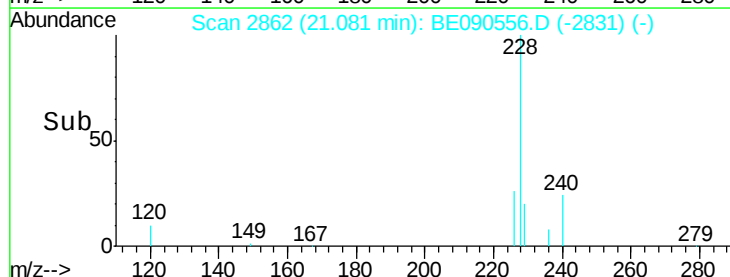
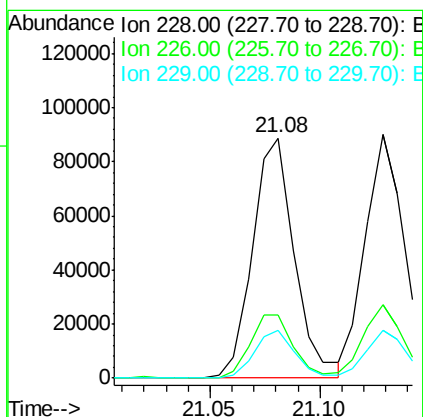
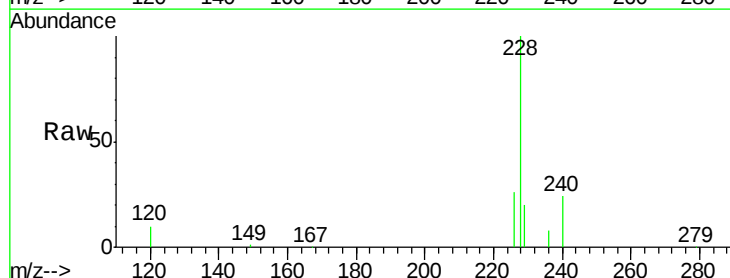
Instrument :
 BNA_E
 ClientSampleId :
 PB85070BSD

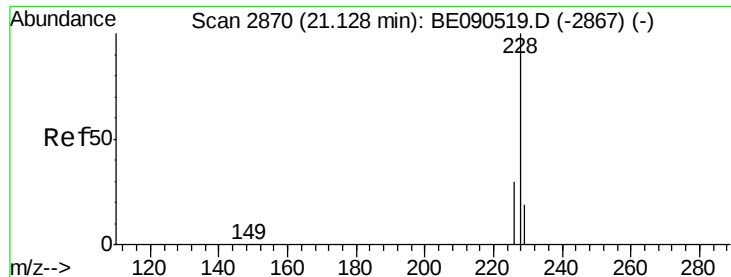
Tgt Ion:244 Resp: 81460
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.6 9.8
 122 13.2 10.2 15.4



#28
 Benzo(a)anthracene
 Concen: 3.35 ng
 RT: 21.08 min Scan# 2862
 Delta R.T. 0.01 min
 Lab File: BE090556.D
 Acq: 18 Aug 2015 16:22

Tgt Ion:228 Resp: 117523
 Ion Ratio Lower Upper
 228 100
 226 26.3 21.9 32.9
 229 20.0 15.4 23.0





#29

Chrysene

Concen: 3.32 ng

RT: 21.13 min Scan# 2869

Delta R.T. 0.00 min

Lab File: BE090556.D

Acq: 18 Aug 2015 16:22

Instrument :

BNA_E

ClientSampleId :

PB85070BSD

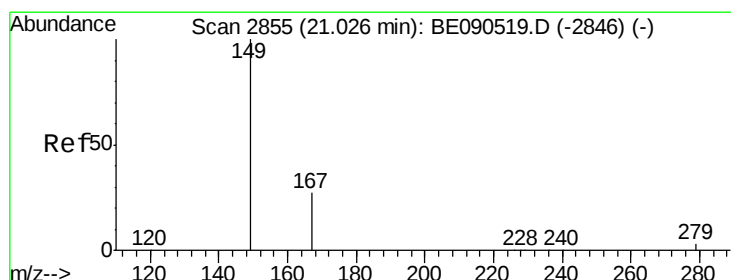
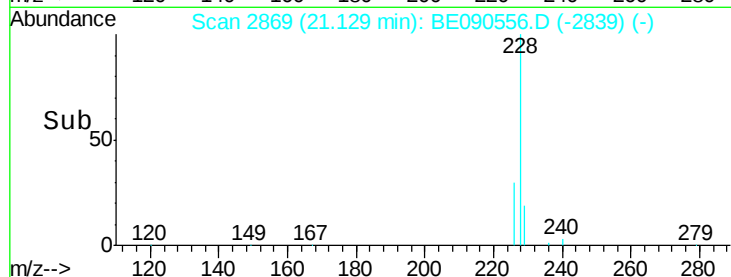
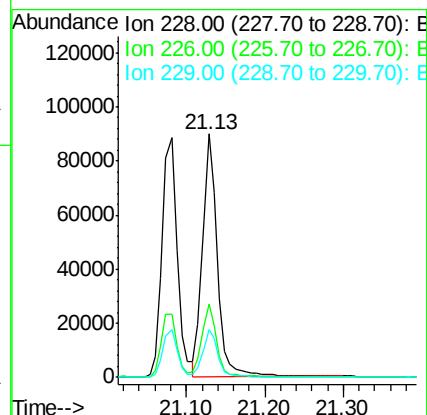
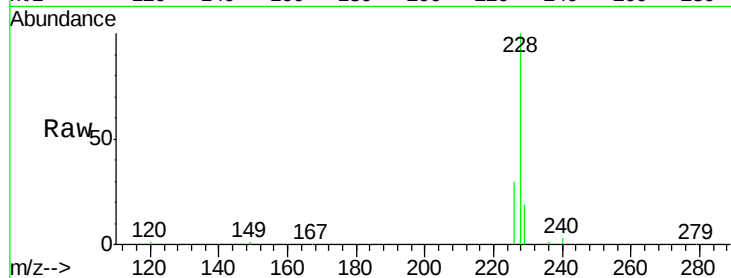
Tgt Ion:228 Resp: 118834

Ion Ratio Lower Upper

228 100

226 29.9 23.1 34.7

229 19.4 15.8 23.8



#30

Bis(2-ethylhexyl)phthalate

Concen: 3.52 ng

RT: 21.02 min Scan# 2853

Delta R.T. 0.00 min

Lab File: BE090556.D

Acq: 18 Aug 2015 16:22

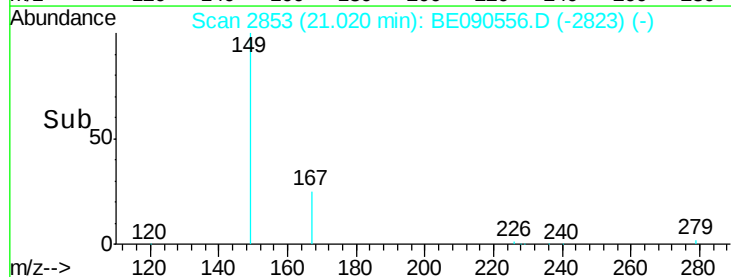
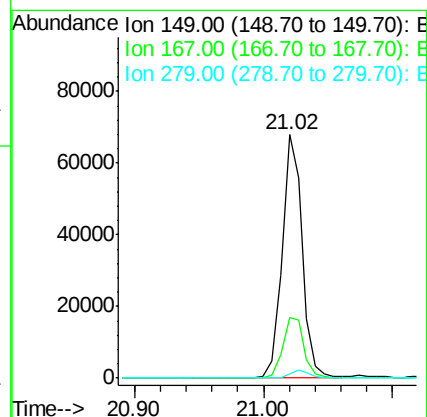
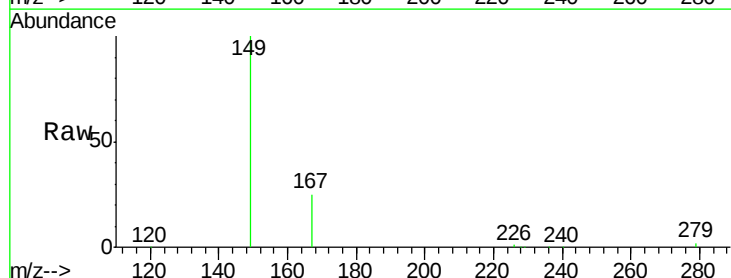
Tgt Ion:149 Resp: 72626

Ion Ratio Lower Upper

149 100

167 26.3 19.8 29.8

279 3.1 2.4 3.6

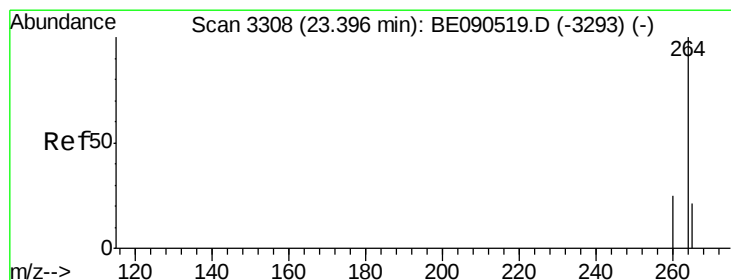
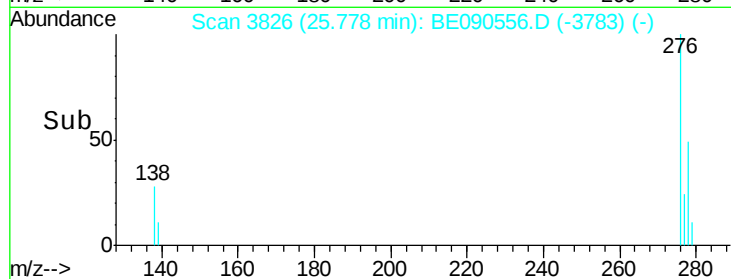
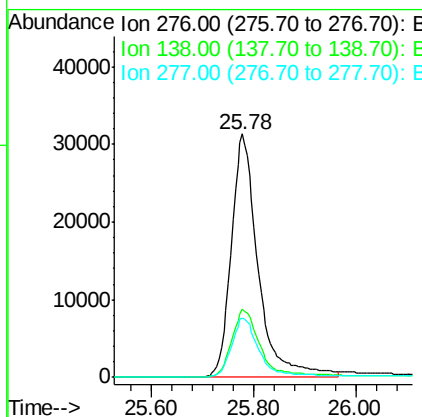
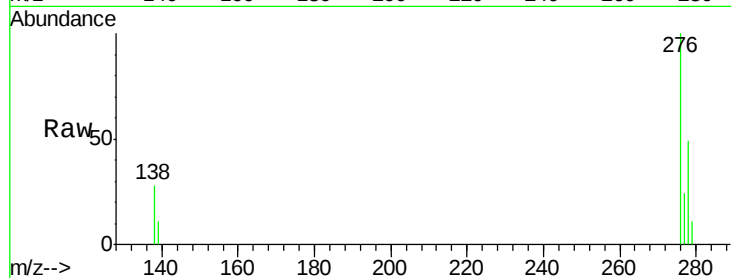




#31
 Indeno(1,2,3-cd)pyrene
 Concen: 3.38 ng
 RT: 25.78 min Scan# 3826
 Delta R.T. -0.00 min
 Lab File: BE090556.D
 Acq: 18 Aug 2015 16:22

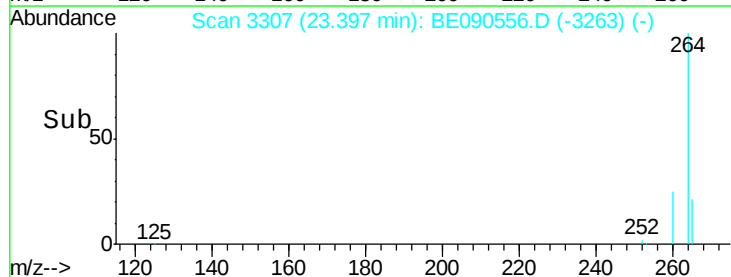
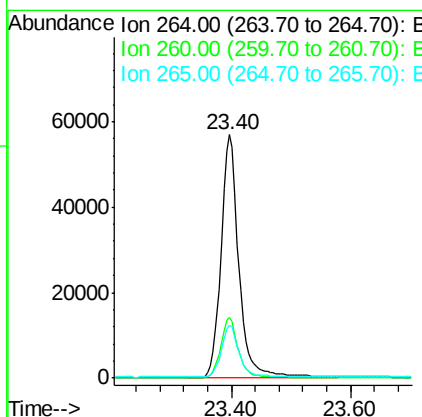
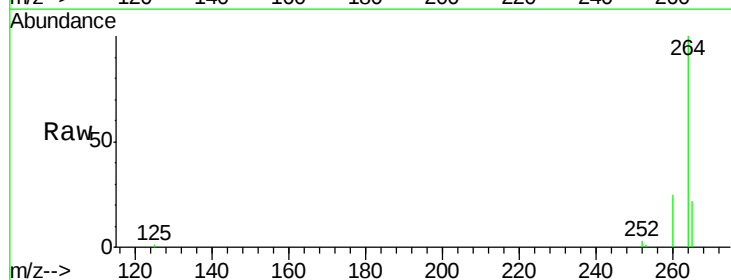
Instrument :
 BNA_E
 ClientSampleId :
 PB85070BSD

Tgt Ion: 276 Resp: 113997
 Ion Ratio Lower Upper
 276 100
 138 29.4 18.8 28.2#
 277 24.9 18.2 27.4



#32
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.40 min Scan# 3307
 Delta R.T. 0.00 min
 Lab File: BE090556.D
 Acq: 18 Aug 2015 16:22

Tgt Ion: 264 Resp: 119336
 Ion Ratio Lower Upper
 264 100
 260 24.6 20.1 30.1
 265 21.7 17.2 25.8





#33

Benzo(b)fluoranthene

Concen: 3.66 ng

RT: 22.70 min Scan# 3153

Delta R.T. 0.00 min

Lab File: BE090556.D

Acq: 18 Aug 2015 16:22

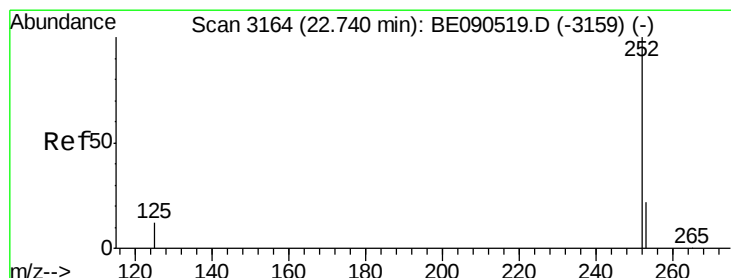
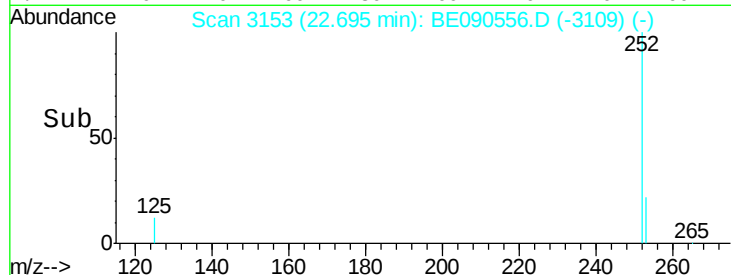
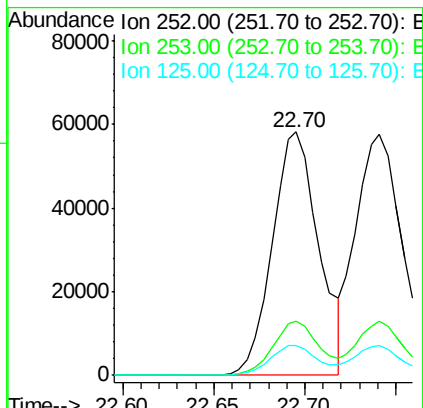
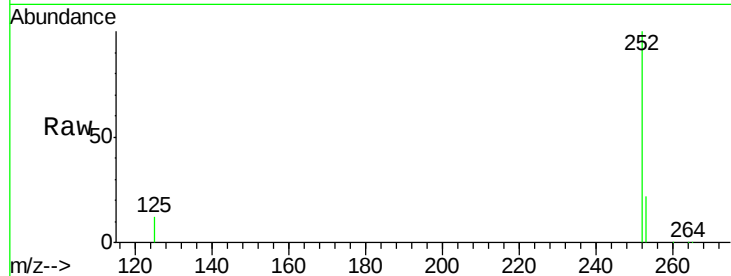
Instrument :

BNA_E

ClientSampleId :

PB85070BSD

Tgt Ion:	252	Resp:	103535
Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.1	27.1
125	12.3	9.4	14.2



#34

Benzo(k)fluoranthene

Concen: 3.50 ng

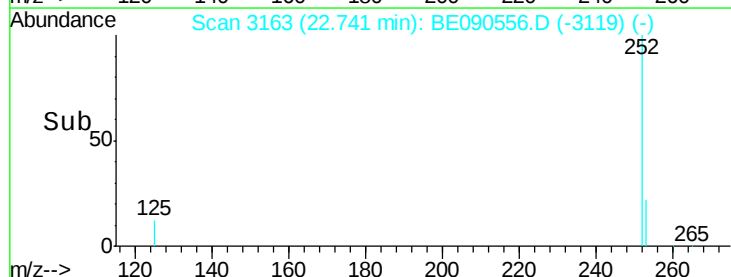
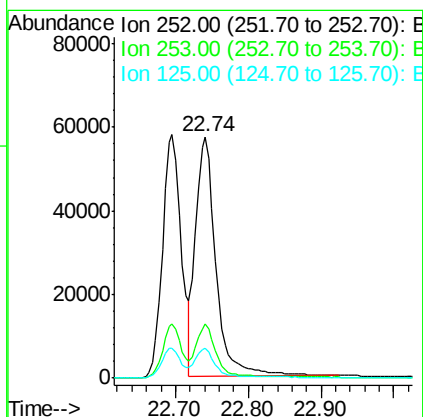
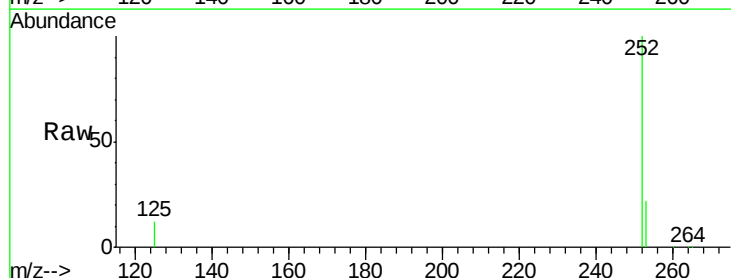
RT: 22.74 min Scan# 3163

Delta R.T. 0.00 min

Lab File: BE090556.D

Acq: 18 Aug 2015 16:22

Tgt Ion:	252	Resp:	112018
Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.1	27.1
125	12.3	9.1	13.7





#35

Benzo(a)pyrene

Concen: 3.87 ng

RT: 23.29 min Scan# 3284

Delta R.T. 0.00 min

Lab File: BE090556.D

Acq: 18 Aug 2015 16:22

Instrument :

BNA_E

ClientSampleId :

PB85070BSD

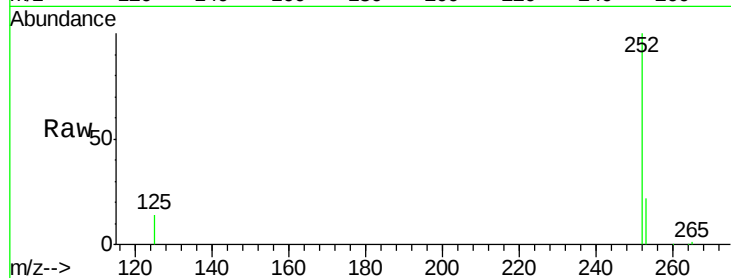
Tgt Ion:252 Resp: 102402

Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

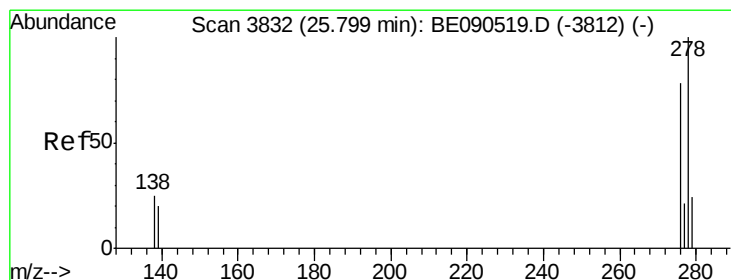
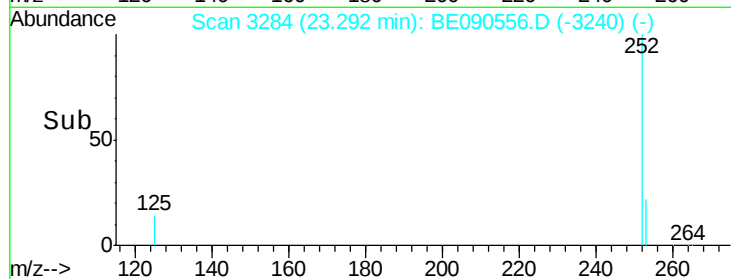
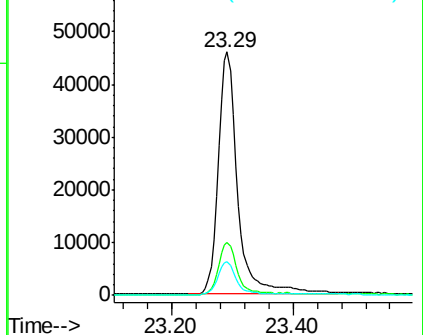
125 13.8 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#36

Dibenzo(a,h)anthracene

Concen: 3.56 ng

RT: 25.80 min Scan# 3831

Delta R.T. 0.00 min

Lab File: BE090556.D

Acq: 18 Aug 2015 16:22

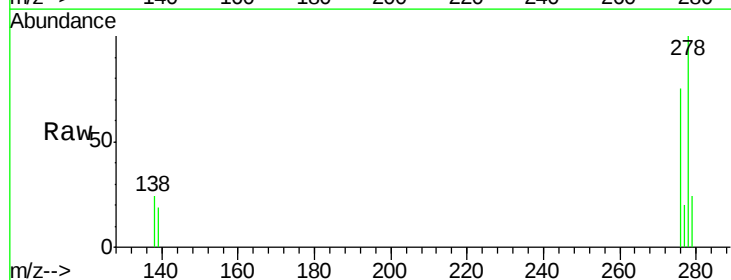
Tgt Ion:278 Resp: 90768

Ion Ratio Lower Upper

278 100

139 18.9 14.2 21.4

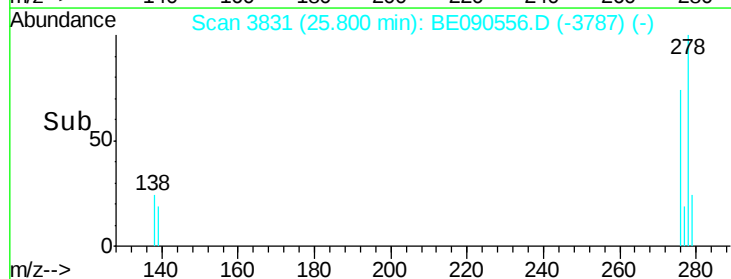
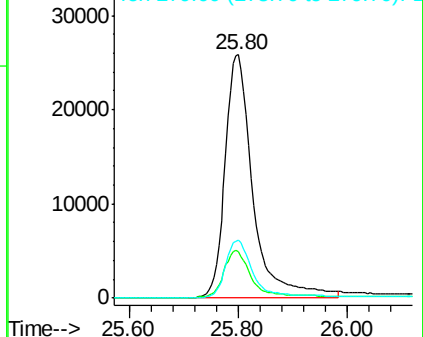
279 23.9 20.1 30.1



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#37

Benzo(g,h,i)perylene

Concen: 3.60 ng

RT: 26.51 min Scan# 3987

Delta R.T. 0.01 min

Lab File: BE090556.D

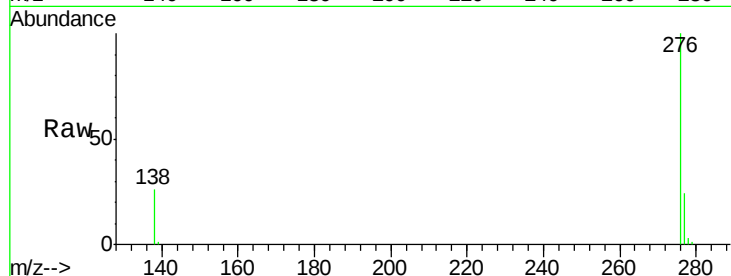
Acq: 18 Aug 2015 16:22

Instrument :

BNA_E

ClientSampleId :

PB85070BSD



Tgt Ion: 276 Resp: 100425

Ion Ratio Lower Upper

276 100

277 23.5 20.1 30.1

138 25.8 18.1 27.1

Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

