

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE091715\
 Data File : BE090863.D
 Acq On : 17 Sep 2015 14:16
 Operator : UM/IZ
 Sample : PB85602BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB85602BS

Quant Time: Sep 17 15:03:48 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

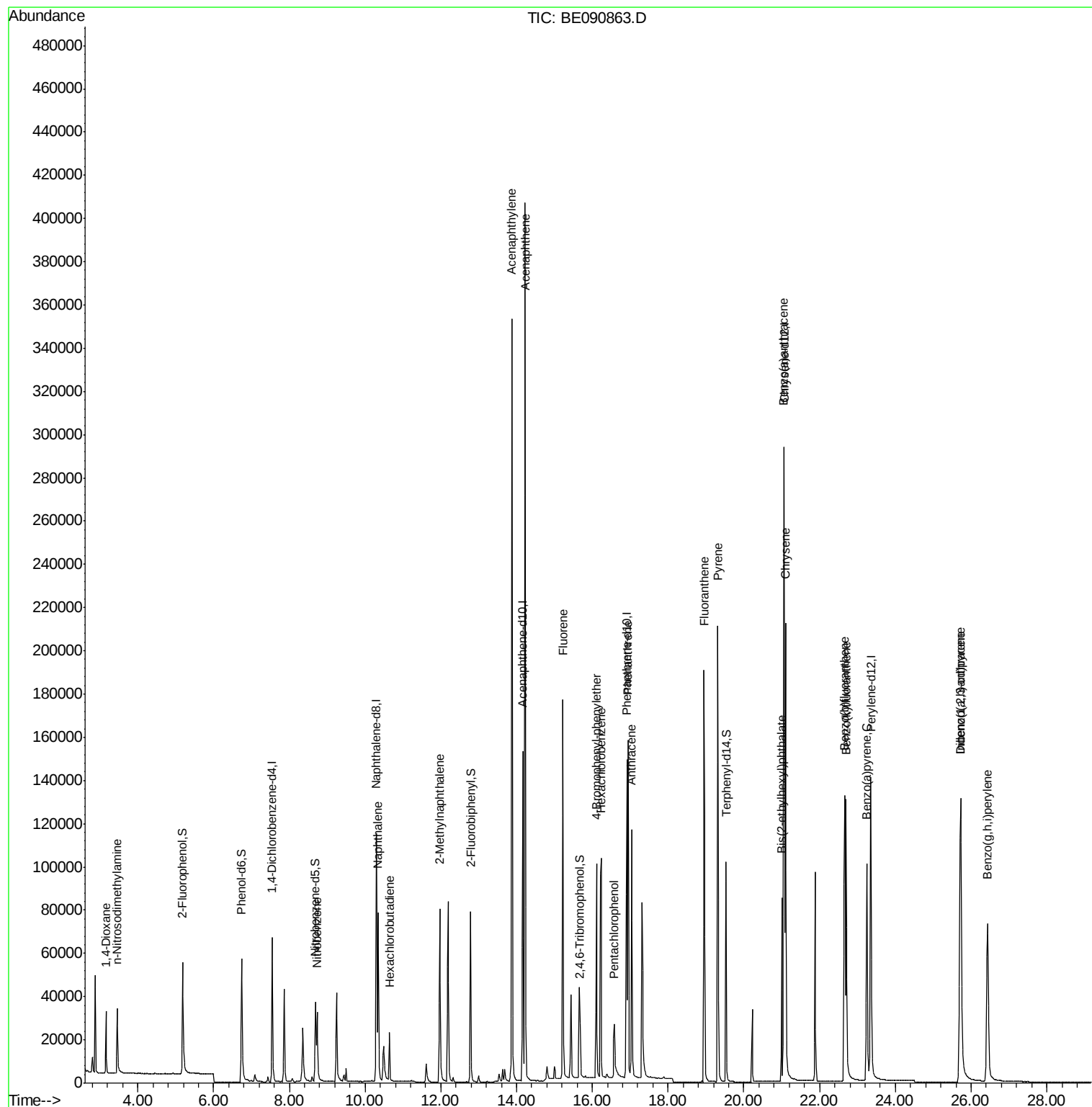
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	35072	5.00	ng	0.00
6) Naphthalene-d8	10.30	136	164884	5.00	ng	0.00
12) Acenaphthene-d10	14.16	164	88015	5.00	ng	0.00
18) Phenanthrene-d10	16.91	188	207020	5.00	ng	0.00
25) Chrysene-d12	21.07	240	244993	5.00	ng	0.00
32) Perylene-d12	23.35	264	209352	5.00	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.18	112	52224	7.64	ng	0.00
5) Phenol-d6	6.74	99	81025	8.30	ng	-0.01
7) Nitrobenzene-d5	8.69	82	40486	3.72	ng	-0.02
13) 2,4,6-Tribromophenol	15.67	330	19718	7.64	ng	0.00
14) 2-Fluorobiphenyl	12.78	172	81766	3.35	ng	-0.01
27) Terphenyl-d14	19.53	244	112861	4.16	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.15	88	15121	3.26	ng	96
3) n-Nitrosodimethylamine	3.45	42	18828	3.00	ng	# 93
8) Nitrobenzene	8.73	77	42441	3.21	ng	99
9) Naphthalene	10.35	128	110758	3.08	ng	99
10) Hexachlorobutadiene	10.64	225	16176	2.88	ng	100
11) 2-Methylnaphthalene	11.97	142	70476	3.62	ng	100
15) Acenaphthylene	13.87	152	476140	3.38	ng	100
16) Acenaphthene	14.22	154	74297	3.16	ng	90
17) Fluorene	15.22	166	93939	3.20	ng	97
19) 4-Bromophenyl-phenylether	16.11	248	25497	3.61	ng	87
20) Hexachlorobenzene	16.23	284	117898	3.46	ng	98
21) Pentachlorophenol	16.58	266	19685	6.92	ng	94
22) Phenanthrene	16.94	178	167160	3.26	ng	99
23) Anthracene	17.03	178	159123	3.71	ng	100
24) Fluoranthene	18.95	202	184706	3.42	ng	99
26) Pyrene	19.32	202	203472	4.01	ng	98
28) Benzo(a)anthracene	21.05	228	192019	3.57	ng	99
29) Chrysene	21.10	228	196007	3.44	ng	99
30) Bis(2-ethylhexyl)phthalate	21.00	149	64119	3.72	ng	99
31) Indeno(1,2,3-cd)pyrene	25.71	276	194527	3.36	ng	99
33) Benzo(b)fluoranthene	22.66	252	169351	3.73	ng	99
34) Benzo(k)fluoranthene	22.70	252	190711	3.61	ng	99
35) Benzo(a)pyrene	23.25	252	158306	3.90	ng	99
36) Dibenzo(a,h)anthracene	25.73	278	158801	3.26	ng	100
37) Benzo(g,h,i)perylene	26.43	276	167363	3.58	ng	98

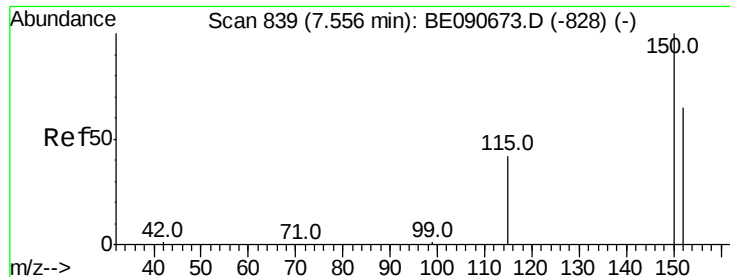
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.55 min Scan# 837

Delta R.T. -0.01 min

Lab File: BE090863.D

Acq: 17 Sep 2015 14:16

Instrument :

BNA_E

ClientSampleId :

PB85602BS

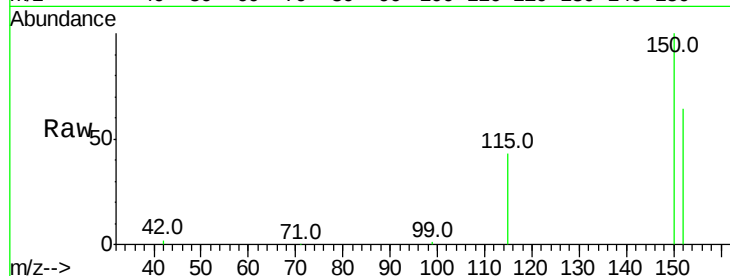
Tgt Ion:152 Resp: 35072

Ion Ratio Lower Upper

152 100

150 155.7 122.2 183.4

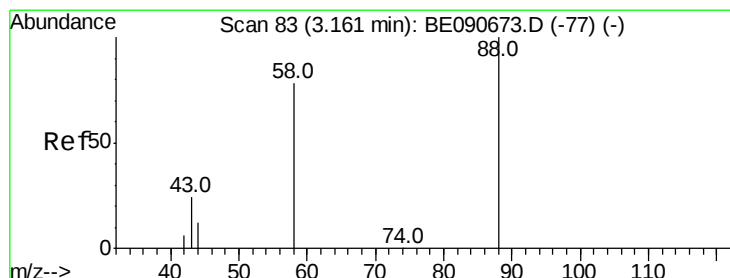
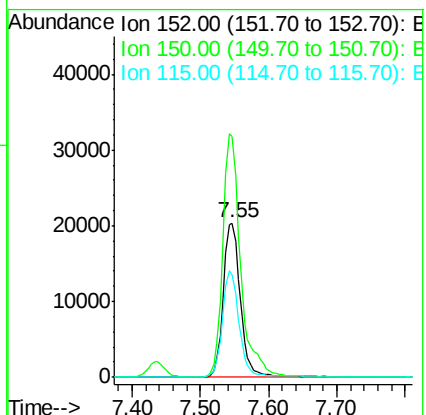
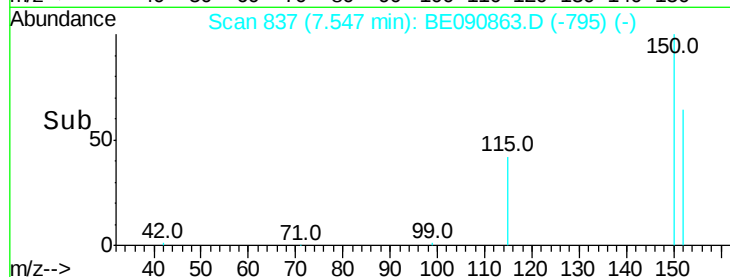
115 66.2 51.0 76.4



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: 3.26 ng

RT: 3.15 min Scan# 82

Delta R.T. -0.01 min

Lab File: BE090863.D

Acq: 17 Sep 2015 14:16

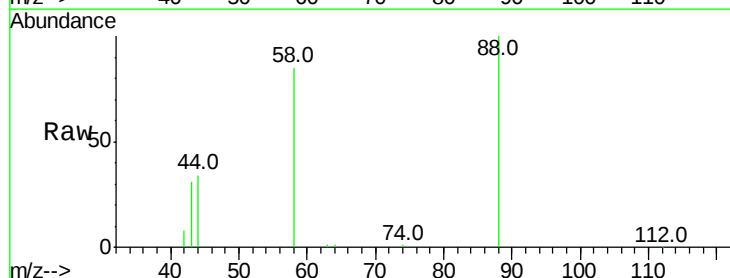
Tgt Ion: 88 Resp: 15121

Ion Ratio Lower Upper

88 100

58 90.1 68.4 102.6

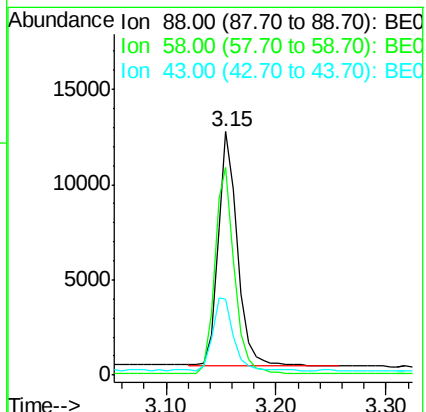
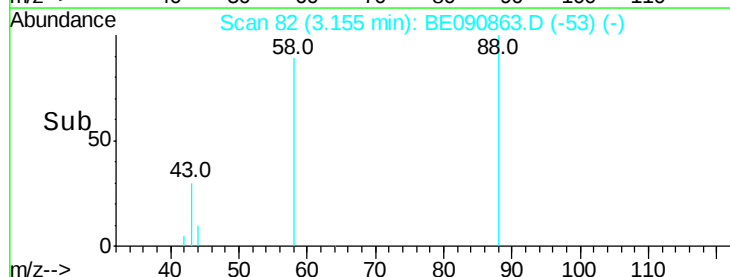
43 33.1 26.9 40.3

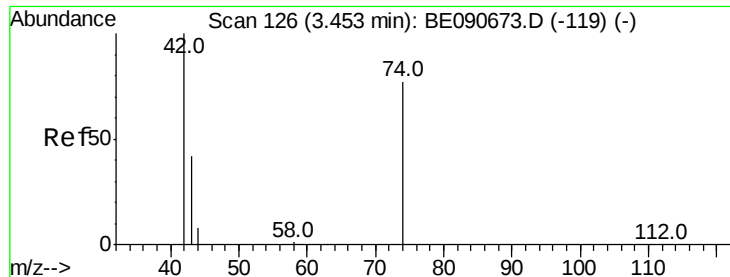


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 3.00 ng

RT: 3.45 min Scan# 126

Delta R.T. 0.00 min

Lab File: BE090863.D

Acq: 17 Sep 2015 14:16

Instrument :

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PB85602BS

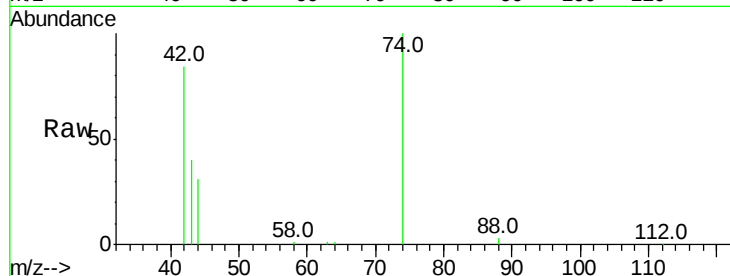
Tgt Ion: 42 Resp: 18828

Ion Ratio Lower Upper

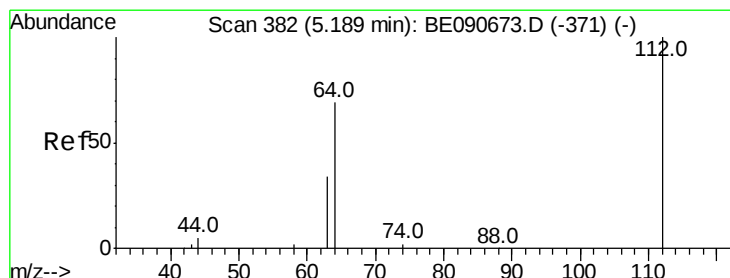
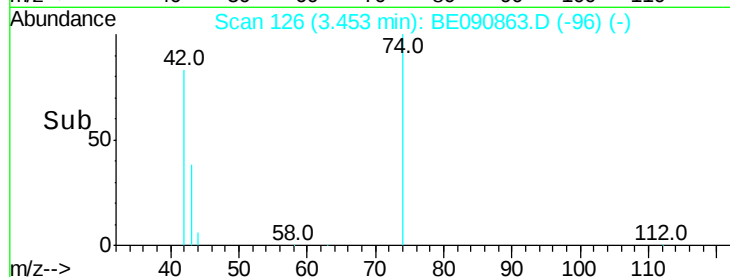
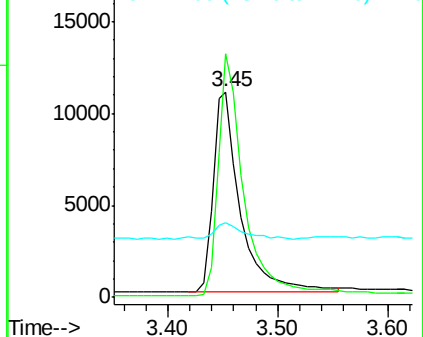
42 100

74 112.1 83.7 125.5

44 9.7 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: 7.64 ng

RT: 5.18 min Scan# 381

Delta R.T. -0.01 min

Lab File: BE090863.D

Acq: 17 Sep 2015 14:16

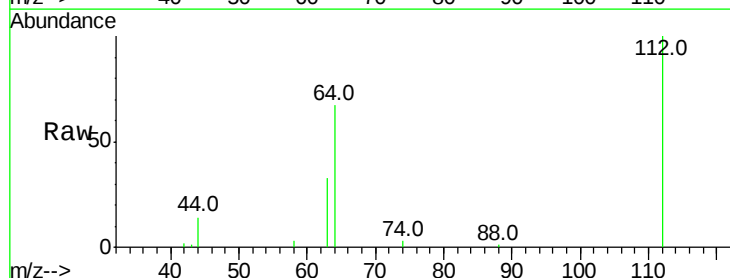
Tgt Ion: 112 Resp: 52224

Ion Ratio Lower Upper

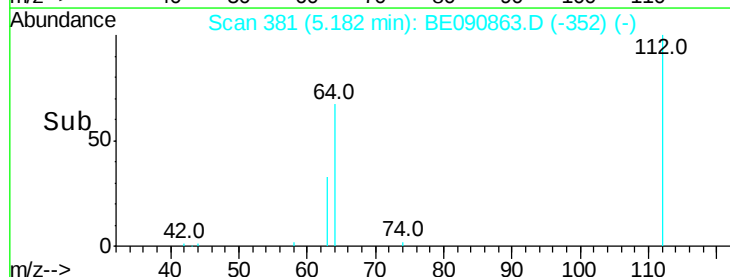
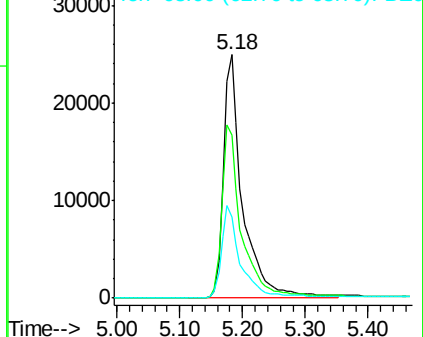
112 100

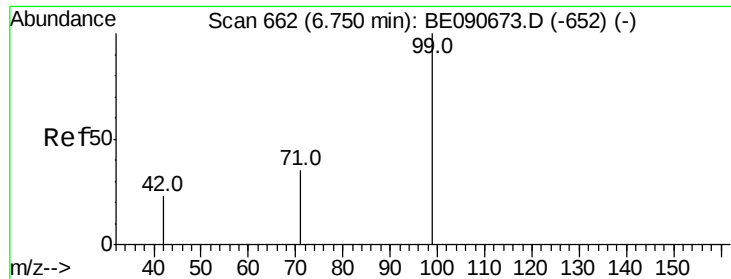
64 72.8 57.3 85.9

63 37.4 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: 8.30 ng

RT: 6.74 min Scan# 659

Delta R.T. -0.01 min

Lab File: BE090863.D

Acq: 17 Sep 2015 14:16

Instrument :

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PB85602BS

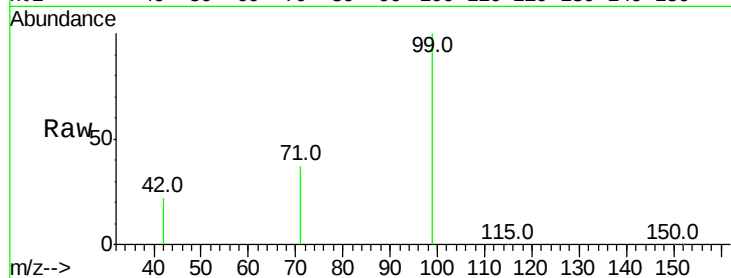
Tgt Ion: 99 Resp: 81025

Ion Ratio Lower Upper

99 100

42 21.9 16.8 25.2

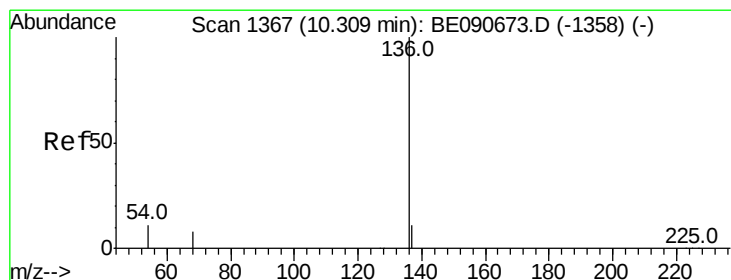
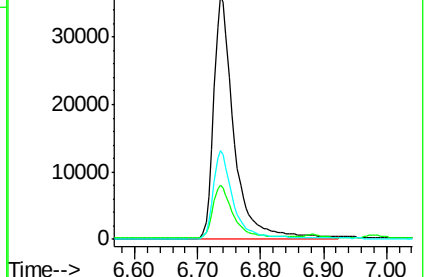
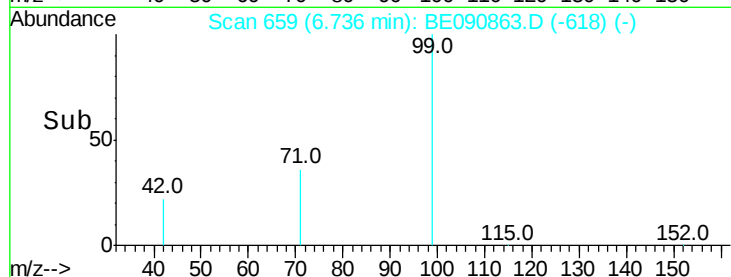
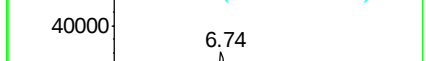
71 36.2 28.3 42.5



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: 10.30 min Scan# 1366

Delta R.T. -0.01 min

Lab File: BE090863.D

Acq: 17 Sep 2015 14:16

Tgt Ion: 136 Resp: 164884

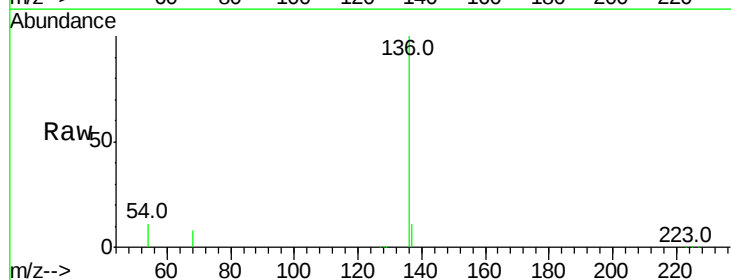
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 10.6 9.0 13.6

68 7.7 6.3 9.5

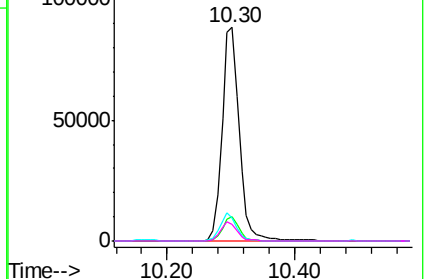
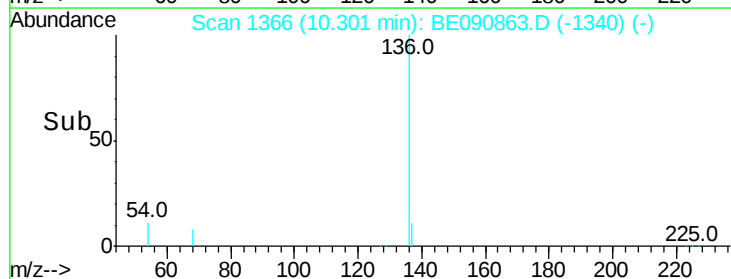
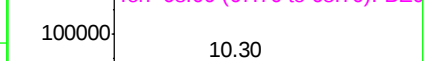


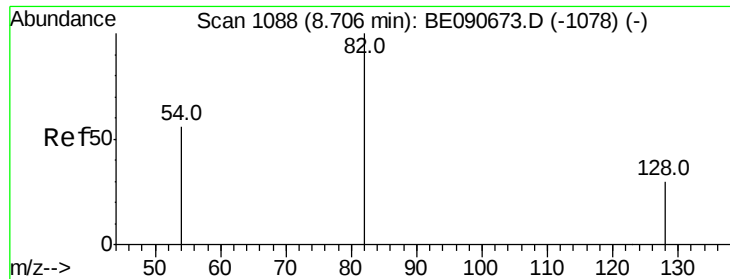
Abundance Ion 136.00 (135.70 to 136.70): E

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: 3.72 ng

RT: 8.69 min Scan# 1084

Delta R.T. -0.02 min

Lab File: BE090863.D

Acq: 17 Sep 2015 14:16

Instrument :

BNA_E

ClientSampleId :

PB85602BS

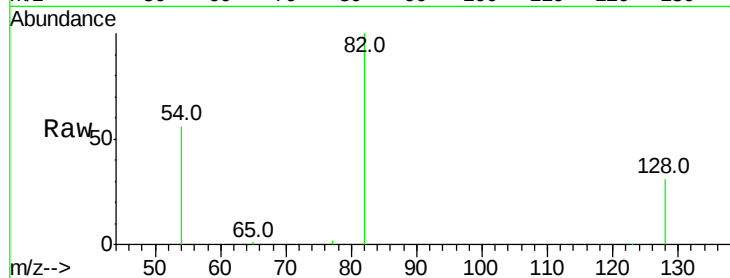
Tgt Ion: 82 Resp: 40486

Ion Ratio Lower Upper

82 100

128 31.1 25.0 37.4

54 56.1 46.3 69.5

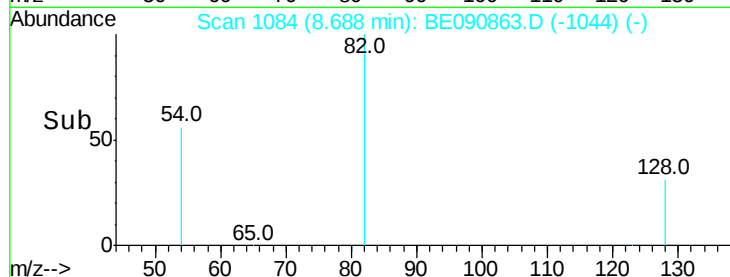


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0

Time-->



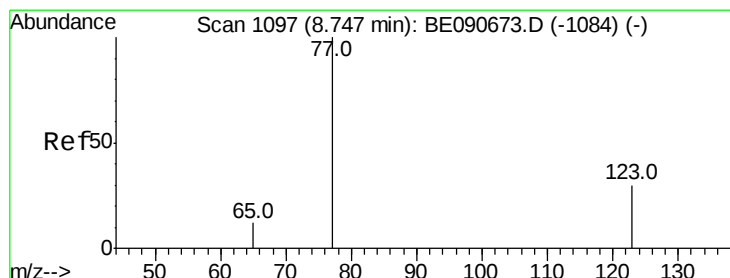
Abundance

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

Time-->



#8

Nitrobenzene

Concen: 3.21 ng

RT: 8.73 min Scan# 1093

Delta R.T. -0.02 min

Lab File: BE090863.D

Acq: 17 Sep 2015 14:16

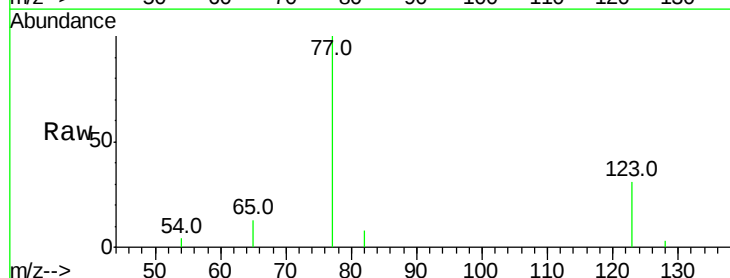
Tgt Ion: 77 Resp: 42441

Ion Ratio Lower Upper

77 100

123 32.4 25.1 37.7

65 12.6 9.9 14.9

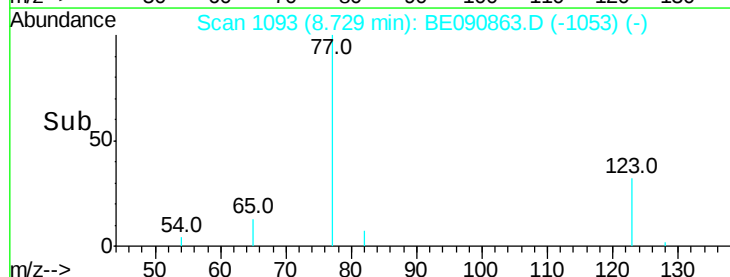


Abundance Ion 77.00 (76.70 to 77.70): BE0

Ion 123.00 (122.70 to 123.70): BE0

Ion 65.00 (64.70 to 65.70): BE0

Time-->



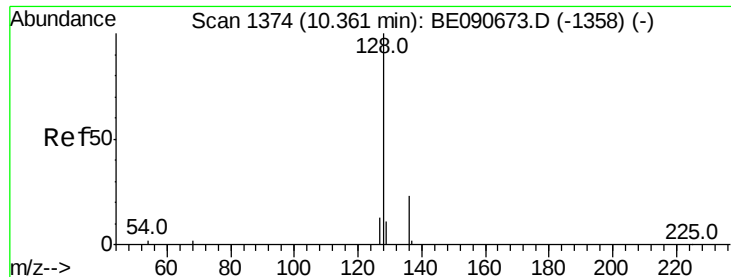
Abundance

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

Time-->



#9

Naphthalene

Concen: 3.08 ng

RT: 10.35 min Scan# 1372

Delta R.T. -0.01 min

Lab File: BE090863.D

Acq: 17 Sep 2015 14:16

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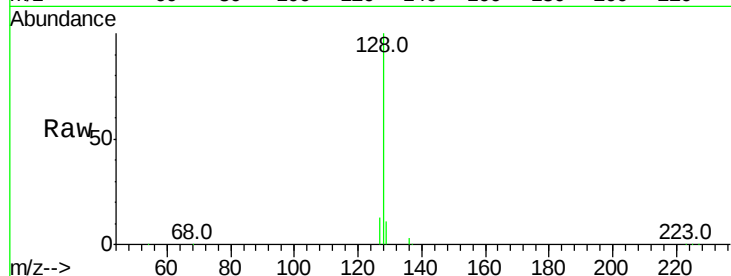
Tgt Ion:128 Resp: 110758

Ion Ratio Lower Upper

128 100

129 11.0 9.0 13.6

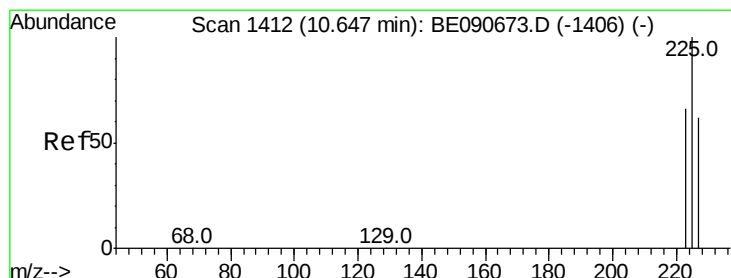
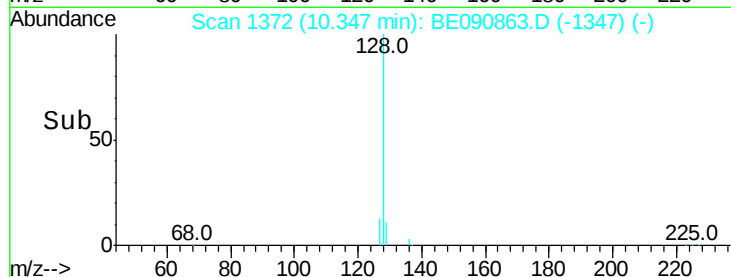
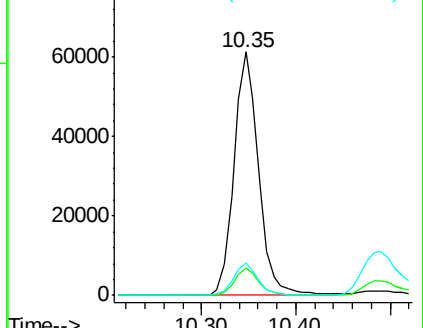
127 13.1 10.6 15.8



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: 2.88 ng

RT: 10.64 min Scan# 1411

Delta R.T. -0.01 min

Lab File: BE090863.D

Acq: 17 Sep 2015 14:16

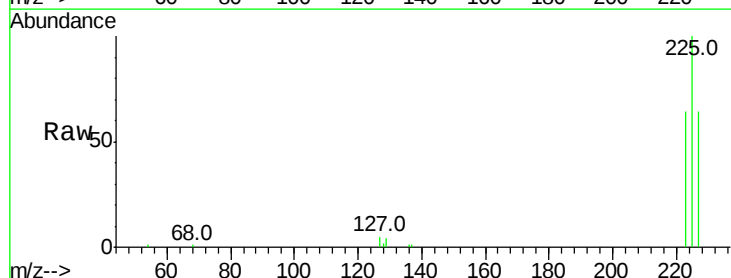
Tgt Ion:225 Resp: 16176

Ion Ratio Lower Upper

225 100

223 63.0 50.6 76.0

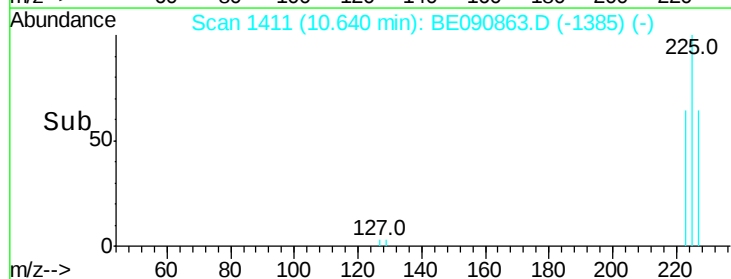
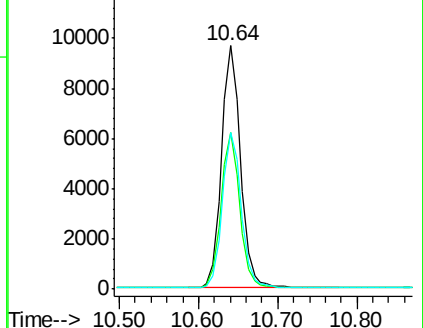
227 63.7 51.0 76.6

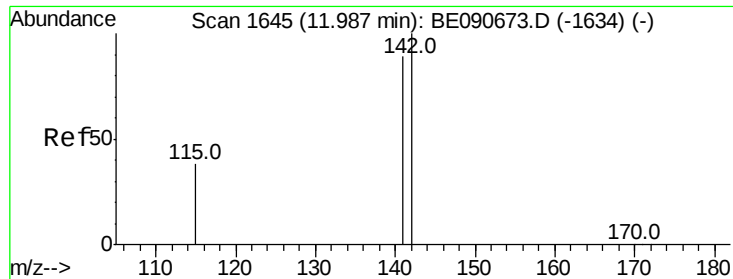


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

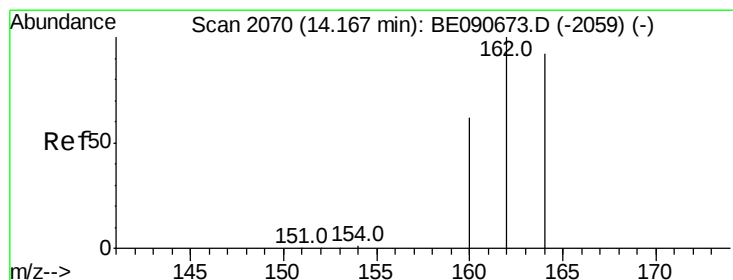
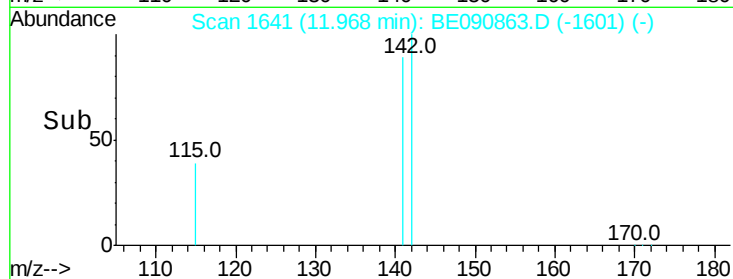
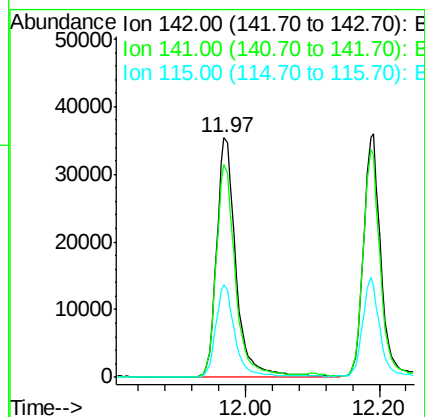
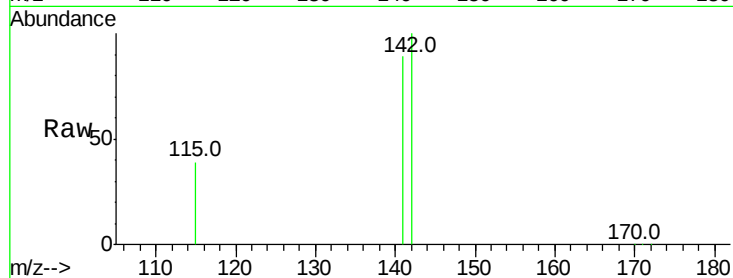




#11
2-Methylnaphthalene
Concen: 3.62 ng
RT: 11.97 min Scan# 1641
Delta R.T. -0.02 min
Lab File: BE090863.D
Acq: 17 Sep 2015 14:16

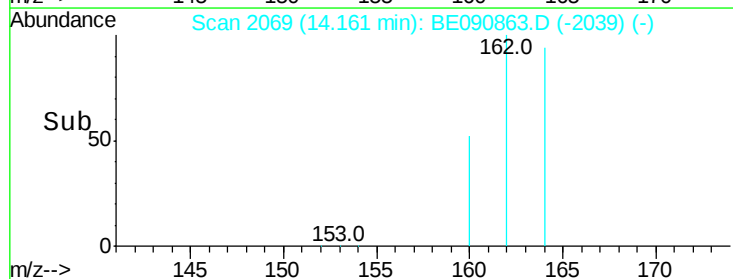
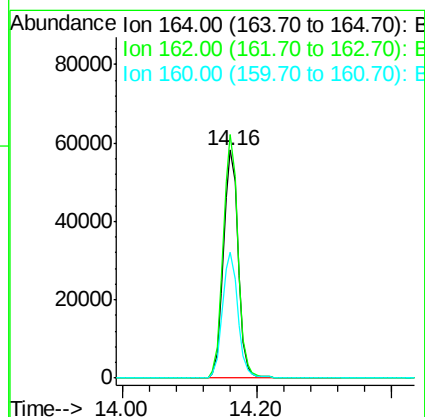
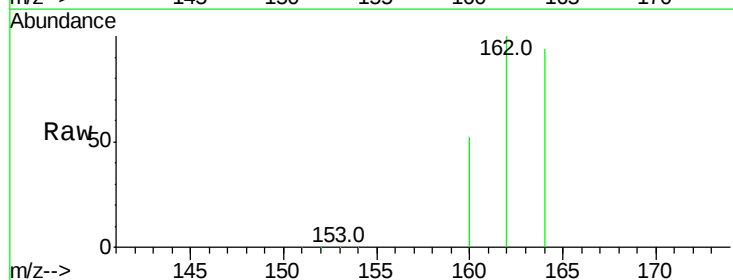
Instrument :
BNA_E
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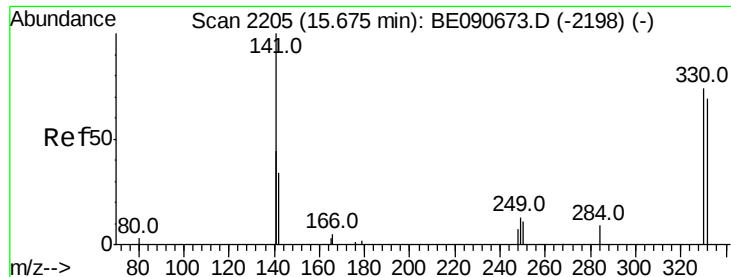
Tgt Ion:142 Resp: 70476
Ion Ratio Lower Upper
142 100
141 89.0 71.4 107.2
115 38.8 31.0 46.4



#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.16 min Scan# 2069
Delta R.T. -0.01 min
Lab File: BE090863.D
Acq: 17 Sep 2015 14:16

Tgt Ion:164 Resp: 88015
Ion Ratio Lower Upper
164 100
162 106.9 86.8 130.2
160 55.3 53.9 80.9

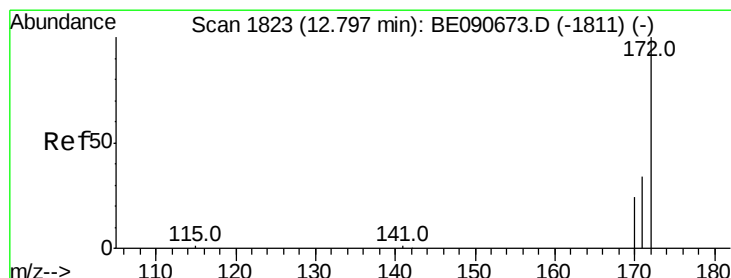
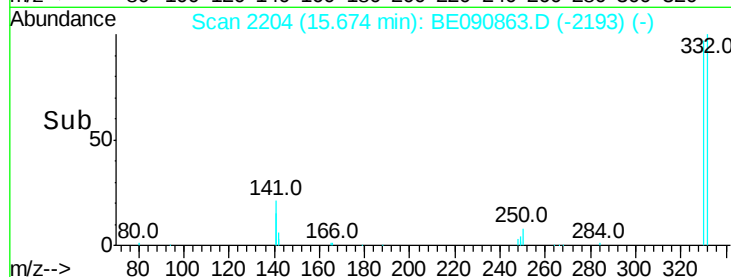
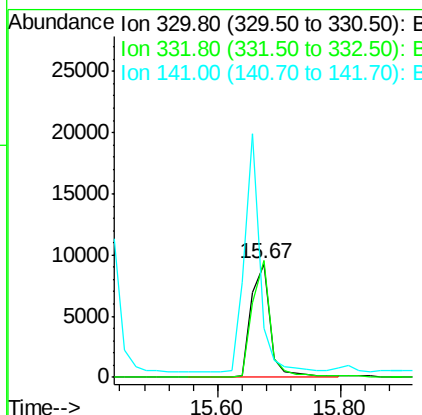
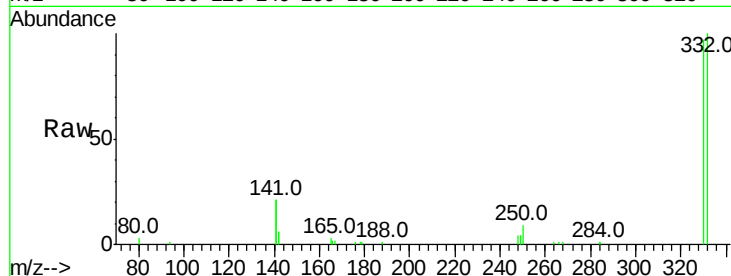




#13
 2,4,6-Tribromophenol
 Concen: 7.64 ng
 RT: 15.67 min Scan# 2204
 Delta R.T. -0.00 min
 Lab File: BE090863.D
 Acq: 17 Sep 2015 14:16

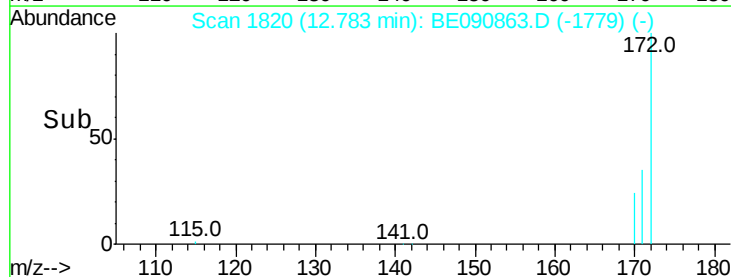
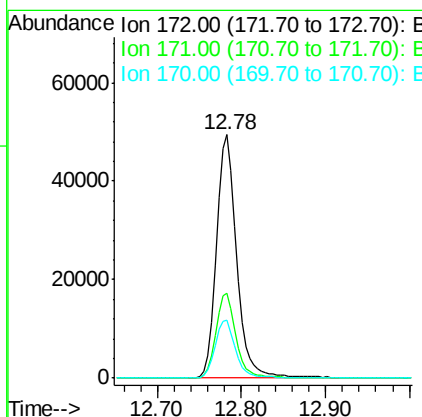
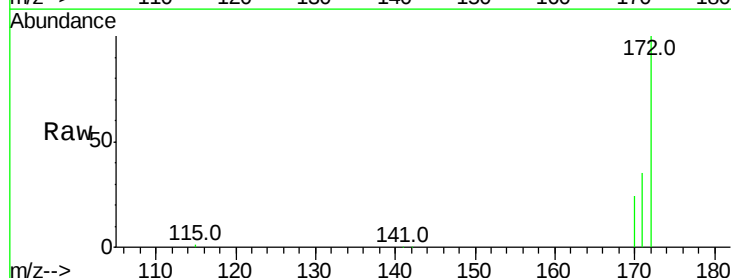
Instrument :
 BNA_E
 ClientSampleId :
 PB85602BS

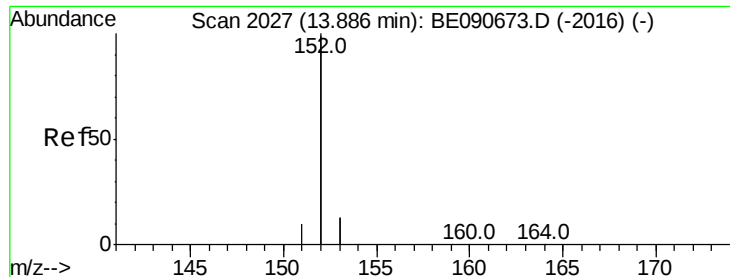
Tgt Ion: 330 Resp: 19718
 Ion Ratio Lower Upper
 330 100
 332 96.9 74.9 112.3
 141 174.5 145.2 217.8



#14
 2-Fluorobiphenyl
 Concen: 3.35 ng
 RT: 12.78 min Scan# 1820
 Delta R.T. -0.01 min
 Lab File: BE090863.D
 Acq: 17 Sep 2015 14:16

Tgt Ion: 172 Resp: 81766
 Ion Ratio Lower Upper
 172 100
 171 35.0 27.8 41.8
 170 23.8 19.8 29.6





#15

Acenaphthylene

Concen: 3.38 ng

RT: 13.87 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BE090863.D

Acq: 17 Sep 2015 14:16

Instrument :

BNA_E

ClientSampleId :

PB85602BS

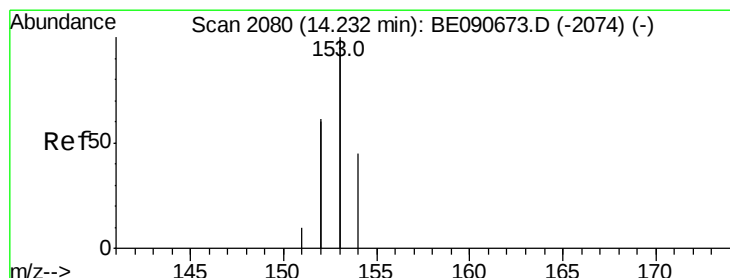
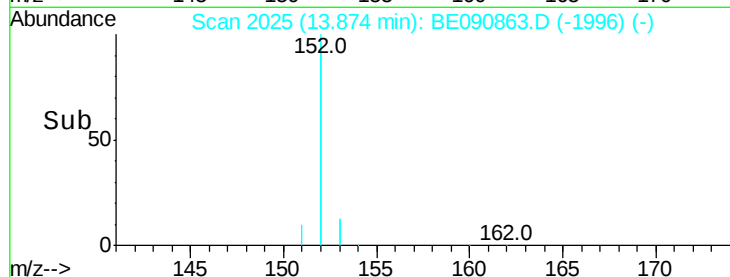
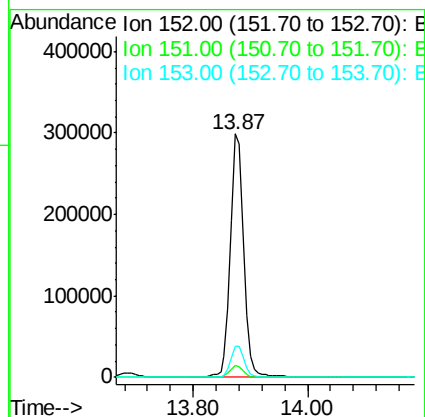
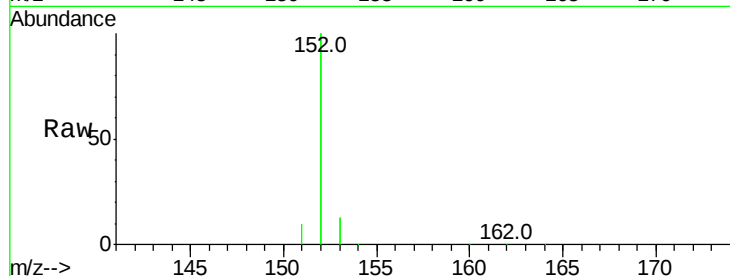
Tgt Ion:152 Resp: 476140

Ion Ratio Lower Upper

152 100

151 4.9 3.9 5.9

153 13.0 10.3 15.5



#16

Acenaphthene

Concen: 3.16 ng

RT: 14.22 min Scan# 2078

Delta R.T. -0.01 min

Lab File: BE090863.D

Acq: 17 Sep 2015 14:16

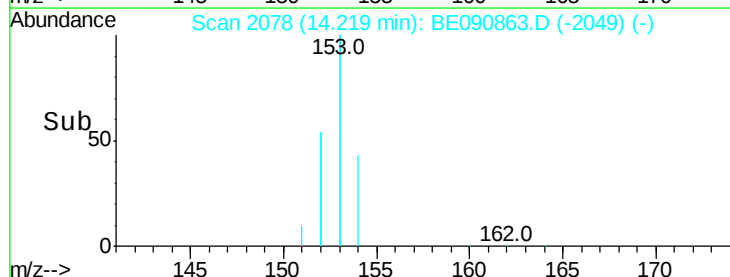
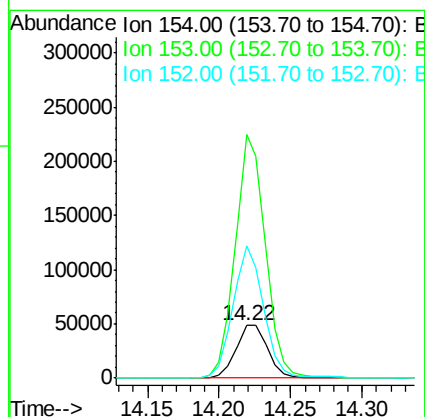
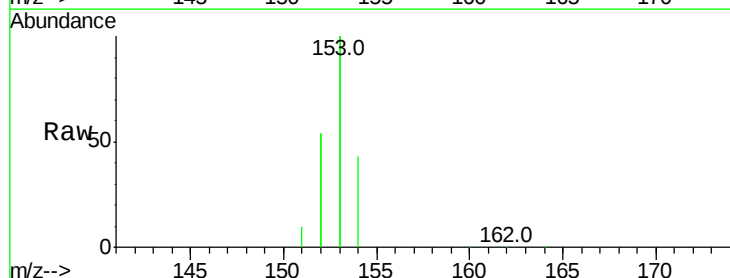
Tgt Ion:154 Resp: 74297

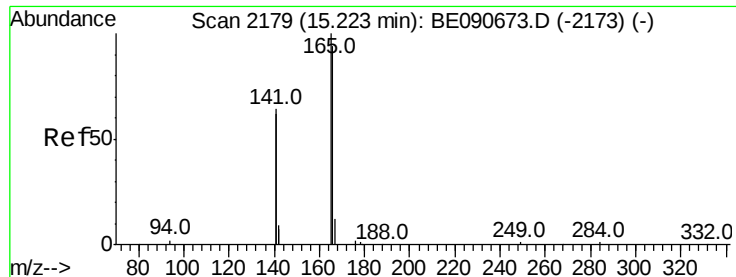
Ion Ratio Lower Upper

154 100

153 440.0 354.5 531.7

152 241.0 227.8 341.6





#17

Fluorene

Concen: 3.20 ng

RT: 15.22 min Scan# 2178

Delta R.T. -0.00 min

Lab File: BE090863.D

Acq: 17 Sep 2015 14:16

Instrument :

BNA_E

ClientSampleId :

PB85602BS

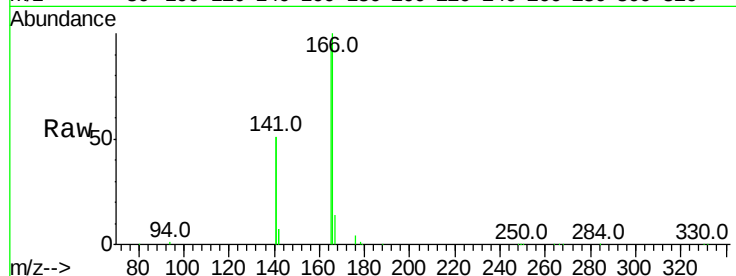
Tgt Ion:166 Resp: 93939

Ion Ratio Lower Upper

166 100

165 99.5 82.7 124.1

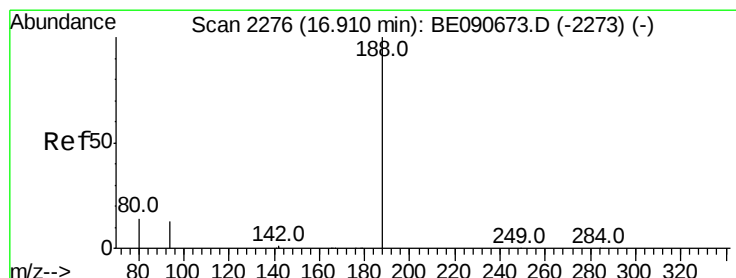
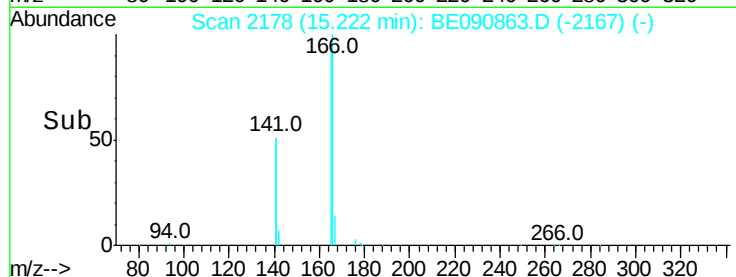
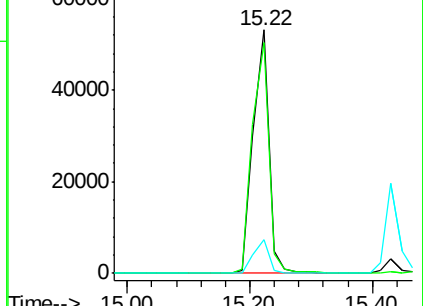
167 13.6 10.7 16.1



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: 16.91 min Scan# 2275

Delta R.T. -0.00 min

Lab File: BE090863.D

Acq: 17 Sep 2015 14:16

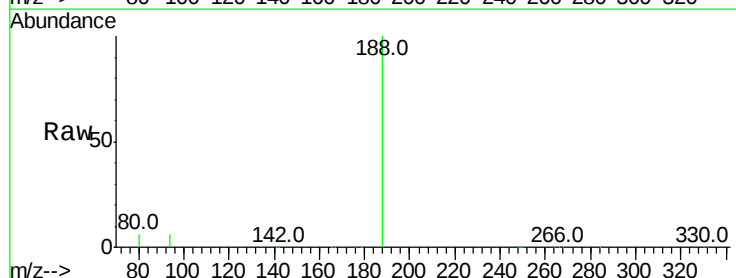
Tgt Ion:188 Resp: 207020

Ion Ratio Lower Upper

188 100

94 6.0 10.3 15.5#

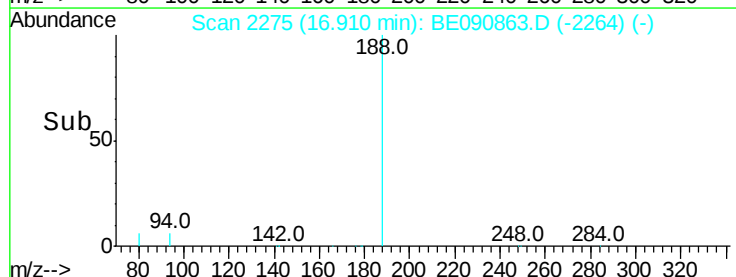
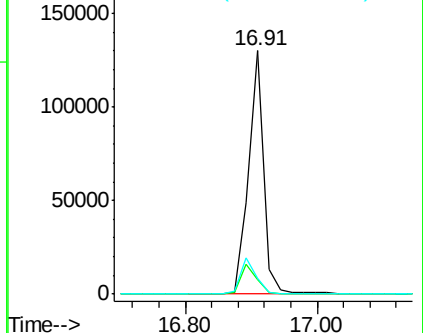
80 6.3 11.0 16.6#

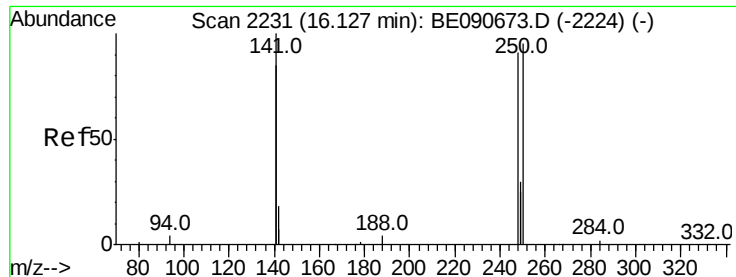


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0





#19

4-Bromophenyl-phenylether

Concen: 3.61 ng

RT: 16.11 min Scan# 2229

Delta R.T. -0.02 min

Lab File: BE090863.D

Acq: 17 Sep 2015 14:16

Instrument :

BNA_E

ClientSampleId :

PB85602BS

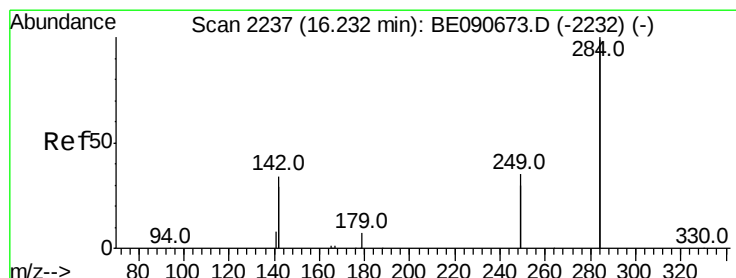
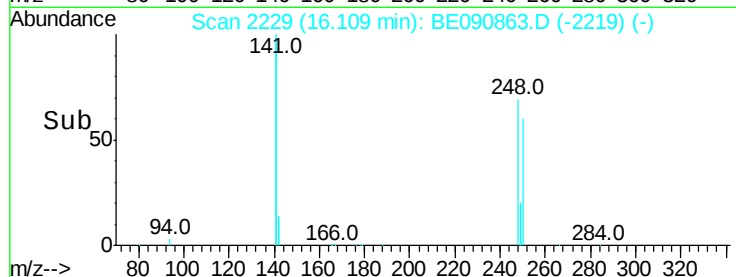
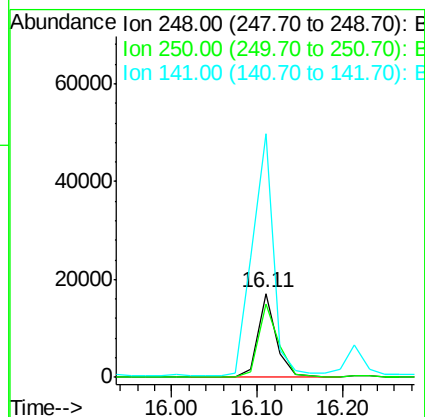
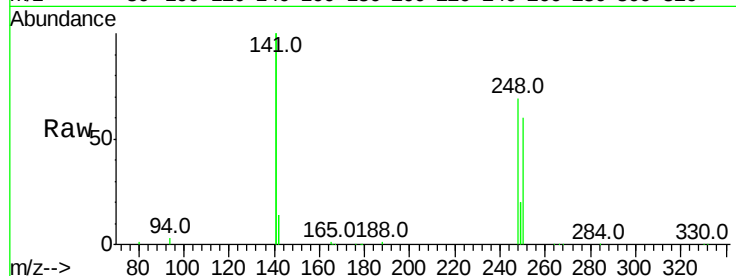
Tgt Ion:248 Resp: 25497

Ion Ratio Lower Upper

248 100

250 94.2 76.7 115.1

141 329.8 292.6 439.0



#20

Hexachlorobenzene

Concen: 3.46 ng

RT: 16.23 min Scan# 2236

Delta R.T. 0.00 min

Lab File: BE090863.D

Acq: 17 Sep 2015 14:16

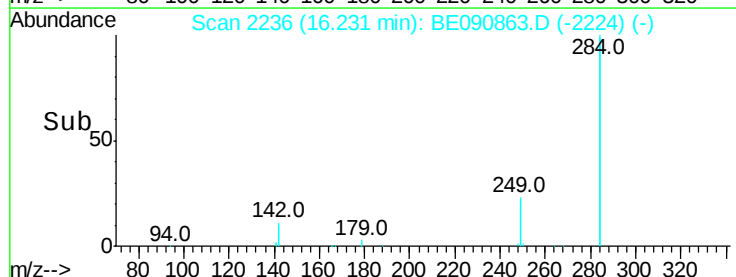
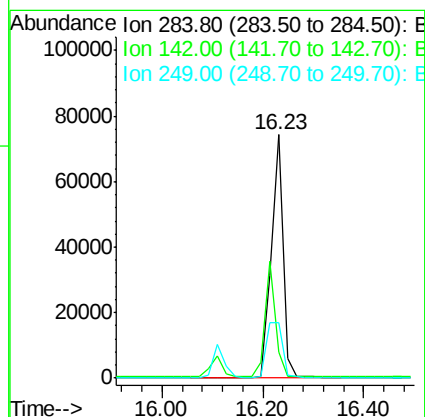
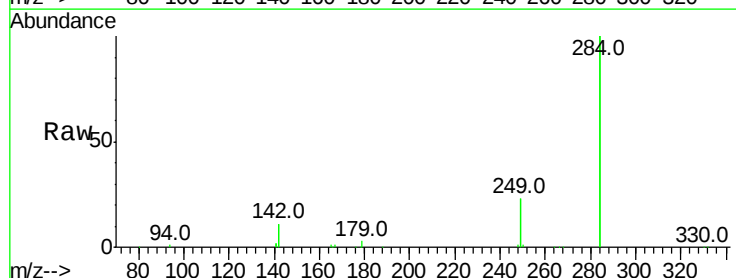
Tgt Ion:284 Resp: 117898

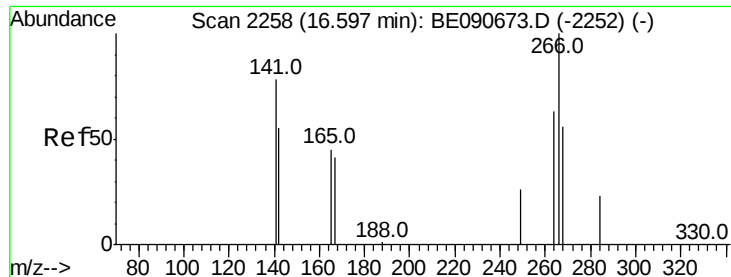
Ion Ratio Lower Upper

284 100

142 42.8 35.0 52.4

249 30.9 25.5 38.3

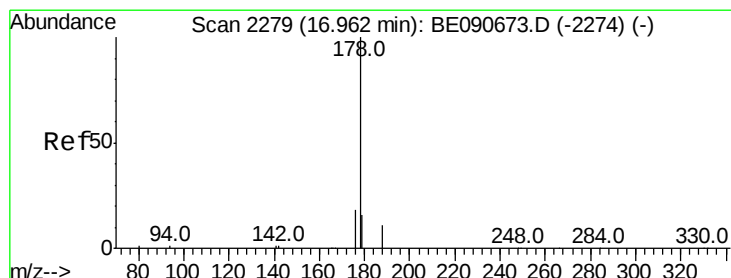
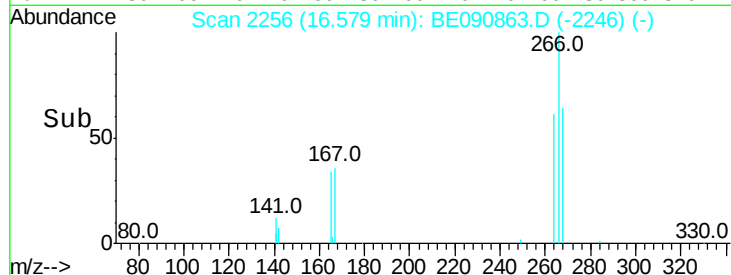
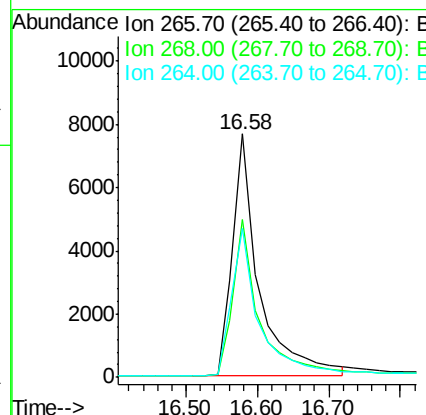
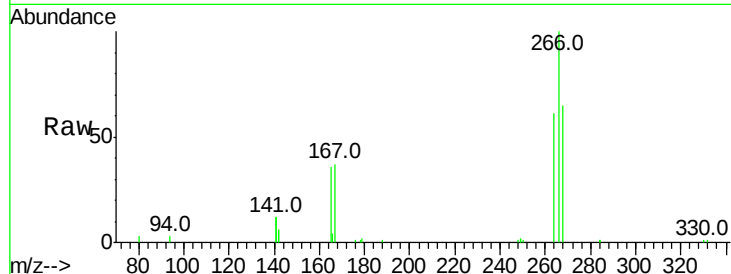




#21
 Pentachlorophenol
 Concen: 6.92 ng
 RT: 16.58 min Scan# 2256
 Delta R.T. -0.02 min
 Lab File: BE090863.D
 Acq: 17 Sep 2015 14:16

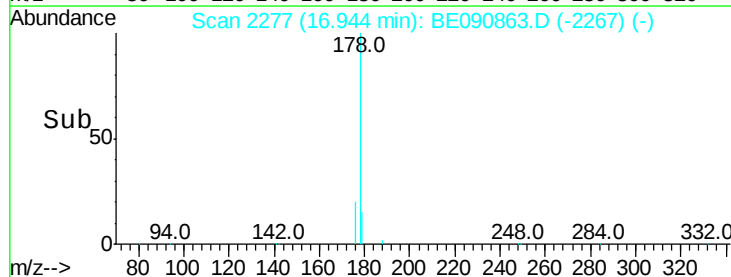
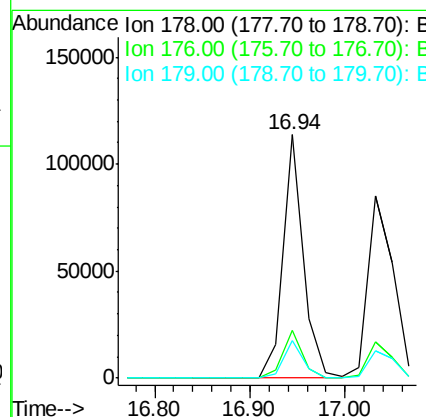
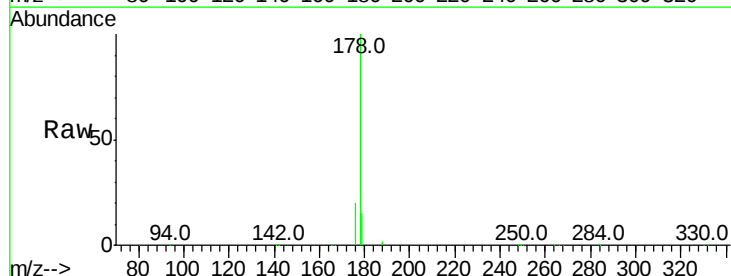
Instrument :
 BNA_E
 ClientSampleId :
 PB85602BS

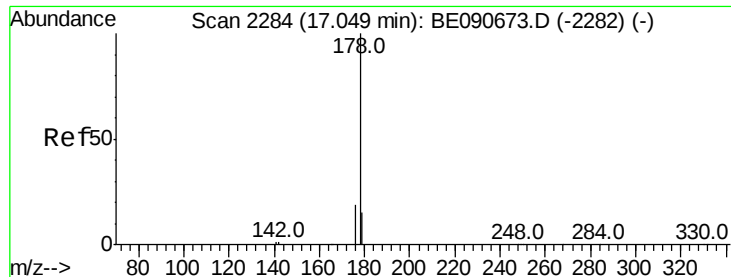
Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.6	49.6	74.4
264	60.9	53.9	80.9



#22
 Phenanthrene
 Concen: 3.26 ng
 RT: 16.94 min Scan# 2277
 Delta R.T. -0.02 min
 Lab File: BE090863.D
 Acq: 17 Sep 2015 14:16

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.6	23.4
179	15.4	12.8	19.2





#23

Anthracene

Concen: 3.71 ng

RT: 17.03 min Scan# 2282

Delta R.T. -0.02 min

Lab File: BE090863.D

Acq: 17 Sep 2015 14:16

Instrument :

BNA_E

ClientSampleId :

PB85602BS

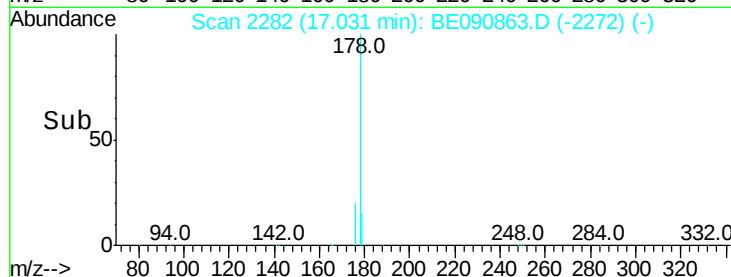
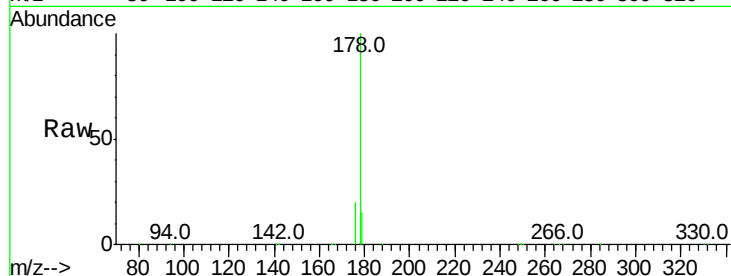
Tgt Ion:178 Resp: 159123

Ion Ratio Lower Upper

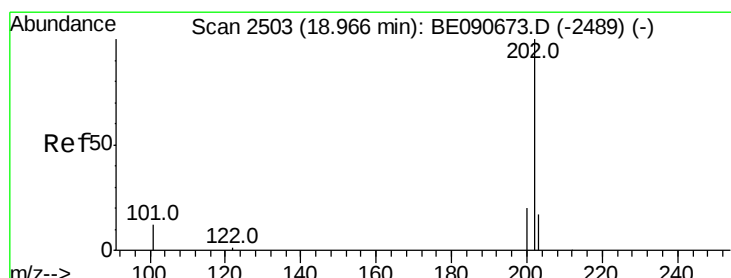
178 100

176 18.8 15.0 22.6

179 15.3 12.3 18.5



Time-->



#24

Fluoranthene

Concen: 3.42 ng

RT: 18.95 min Scan# 2499

Delta R.T. -0.02 min

Lab File: BE090863.D

Acq: 17 Sep 2015 14:16

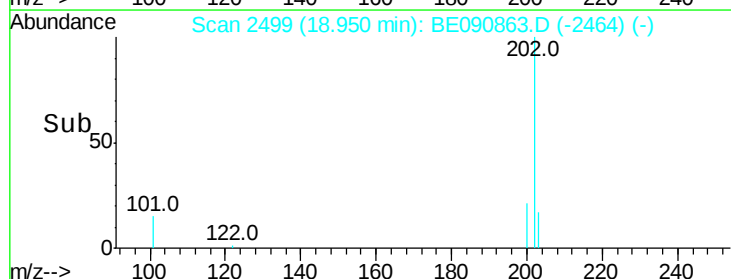
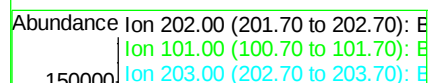
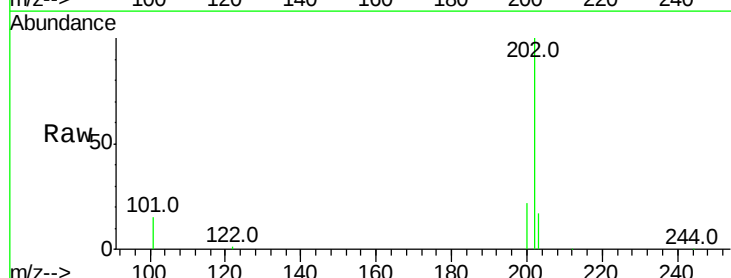
Tgt Ion:202 Resp: 184706

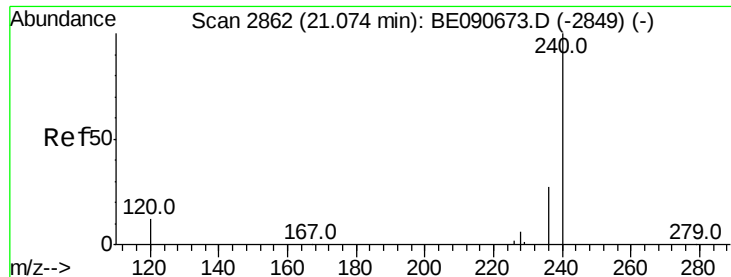
Ion Ratio Lower Upper

202 100

101 14.4 11.0 16.6

203 17.1 13.9 20.9





#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.07 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BE090863.D

Acq: 17 Sep 2015 14:16

Instrument :

BNA_E

ClientSampleId :

PB85602BS

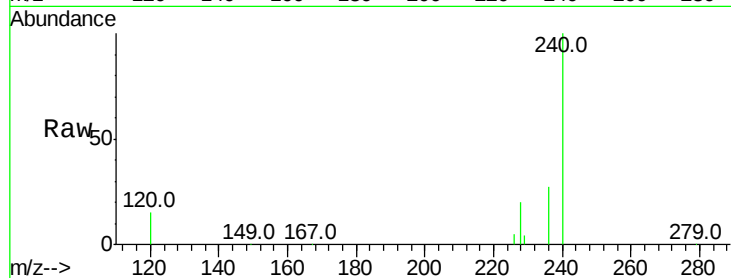
Tgt Ion:240 Resp: 244993

Ion Ratio Lower Upper

240 100

120 14.5 10.1 15.1

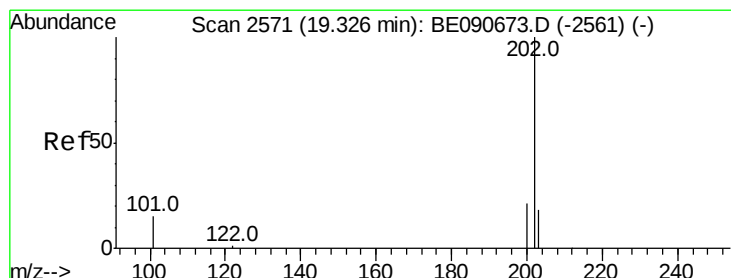
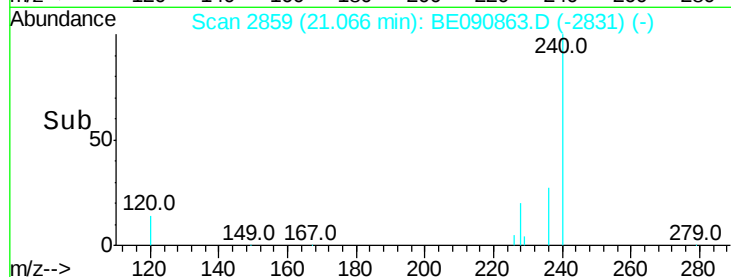
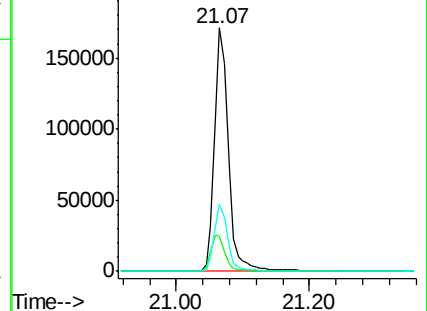
236 27.4 21.9 32.9



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: 4.01 ng

RT: 19.32 min Scan# 2568

Delta R.T. -0.01 min

Lab File: BE090863.D

Acq: 17 Sep 2015 14:16

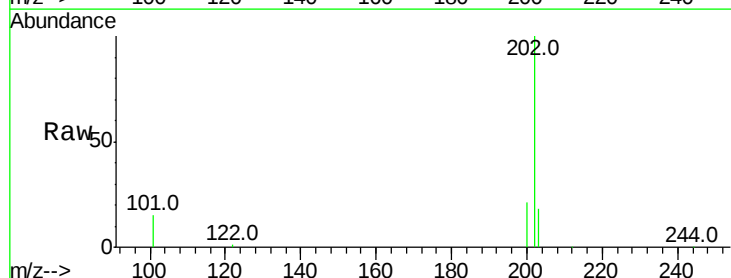
Tgt Ion:202 Resp: 203472

Ion Ratio Lower Upper

202 100

200 21.5 16.7 25.1

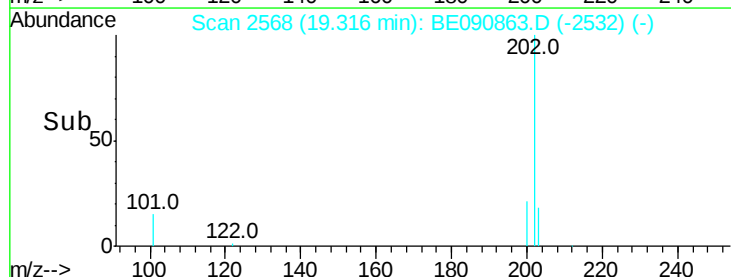
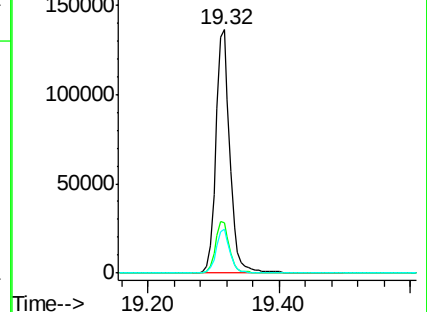
203 18.0 13.8 20.6

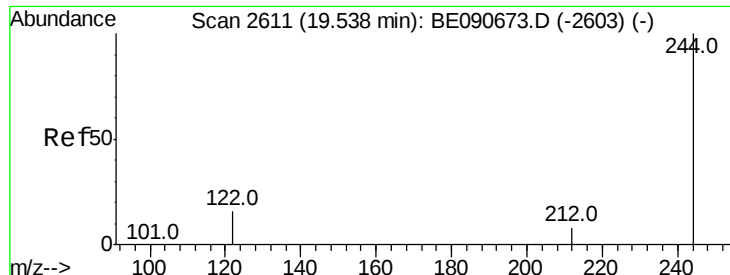


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

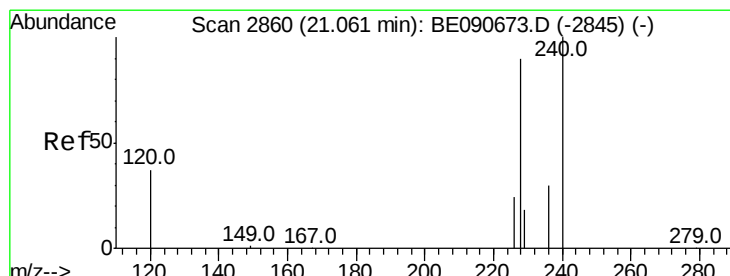
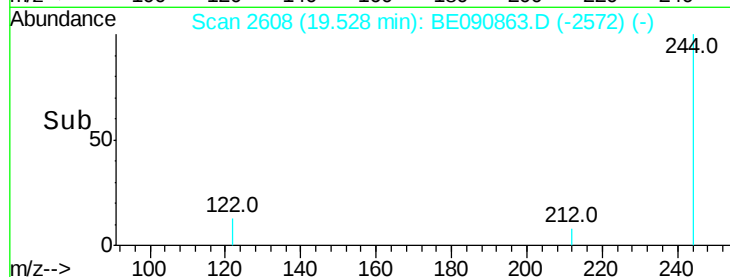
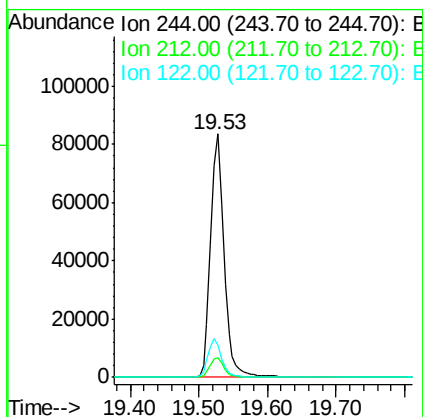
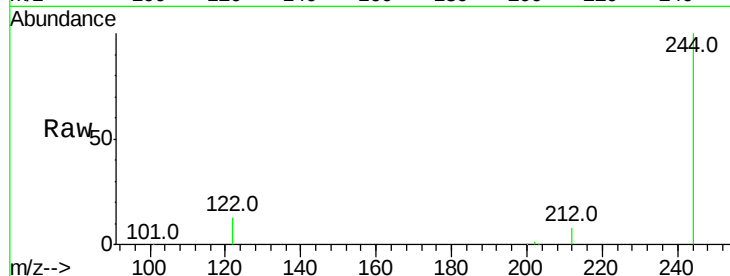




#27
 Terphenyl-d14
 Concen: 4.16 ng
 RT: 19.53 min Scan# 2608
 Delta R.T. -0.01 min
 Lab File: BE090863.D
 Acq: 17 Sep 2015 14:16

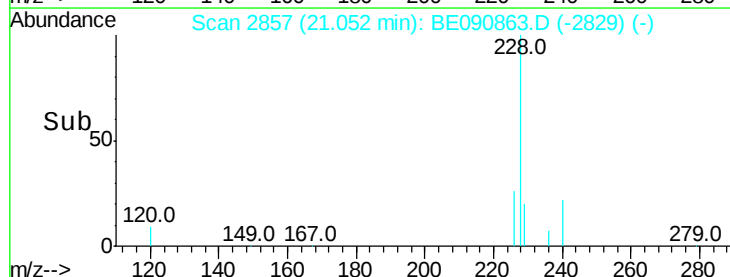
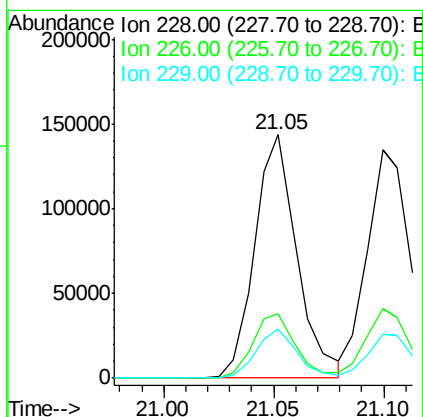
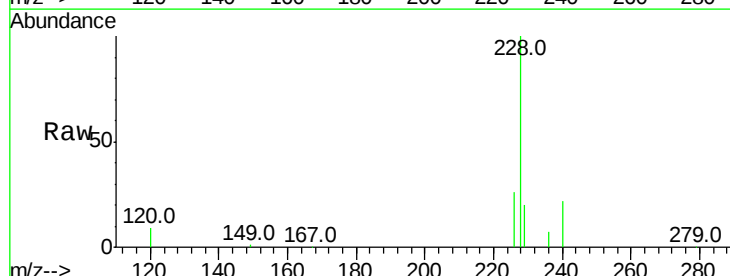
Instrument :
 BNA_E
 ClientSampled :
 PB85602BS

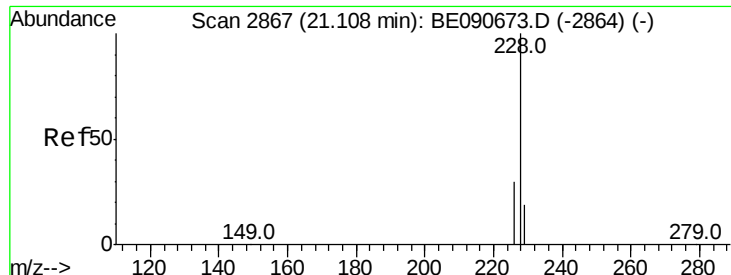
Tgt Ion:244 Resp: 112861
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.9 10.3
 122 13.1 12.9 19.3



#28
 Benzo(a)anthracene
 Concen: 3.57 ng
 RT: 21.05 min Scan# 2857
 Delta R.T. -0.01 min
 Lab File: BE090863.D
 Acq: 17 Sep 2015 14:16

Tgt Ion:228 Resp: 192019
 Ion Ratio Lower Upper
 228 100
 226 26.4 21.6 32.4
 229 20.0 15.9 23.9





#29

Chrysene

Concen: 3.44 ng

RT: 21.10 min Scan# 2864

Delta R.T. -0.01 min

Lab File: BE090863.D

Acq: 17 Sep 2015 14:16

Instrument :

BNA_E

ClientSampleId :

PB85602BS

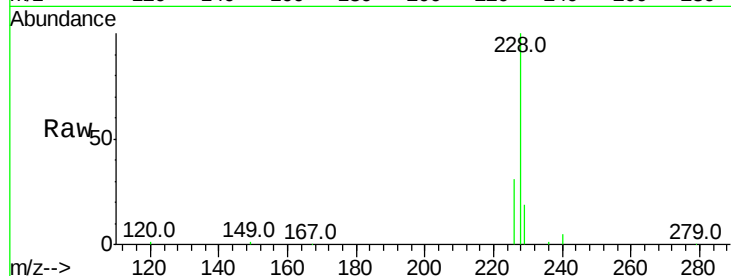
Tgt Ion:228 Resp: 196007

Ion Ratio Lower Upper

228 100

226 30.6 24.2 36.4

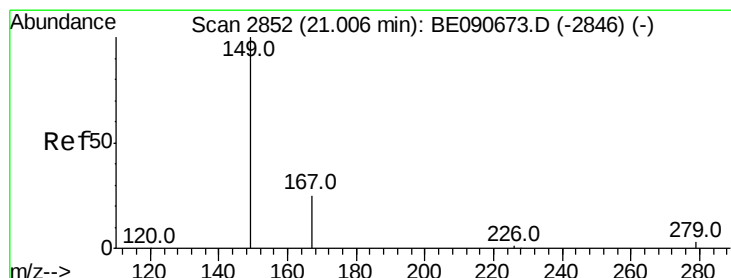
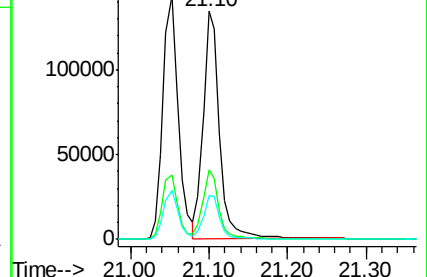
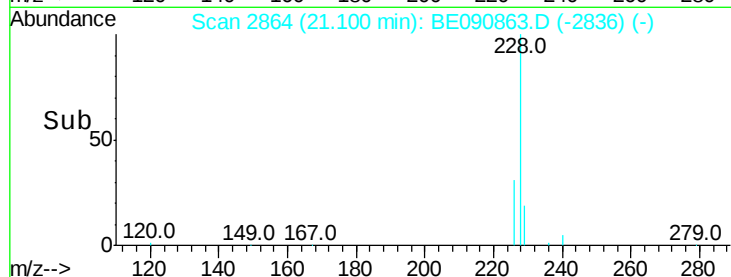
229 19.2 15.3 22.9



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: 3.72 ng

RT: 21.00 min Scan# 2849

Delta R.T. -0.01 min

Lab File: BE090863.D

Acq: 17 Sep 2015 14:16

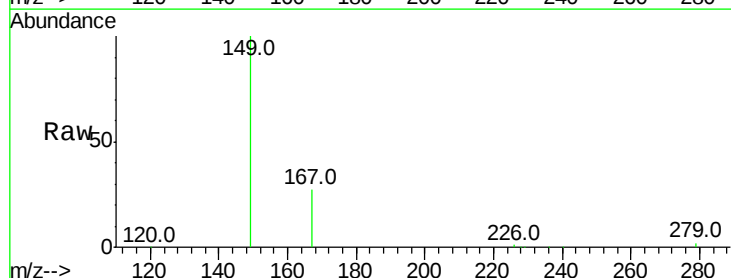
Tgt Ion:149 Resp: 64119

Ion Ratio Lower Upper

149 100

167 25.9 20.1 30.1

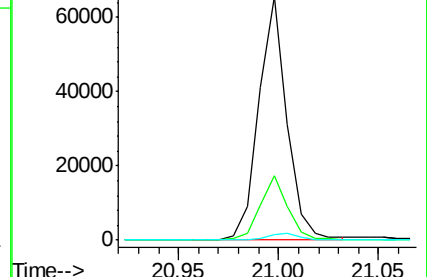
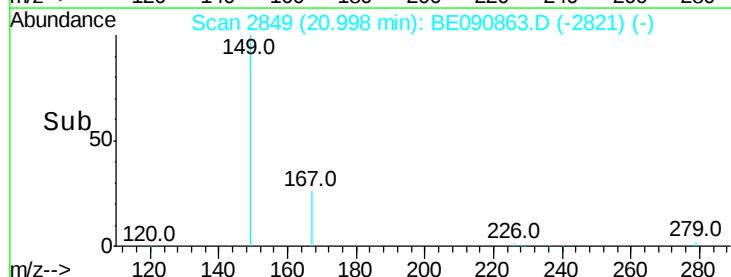
279 3.0 2.3 3.5

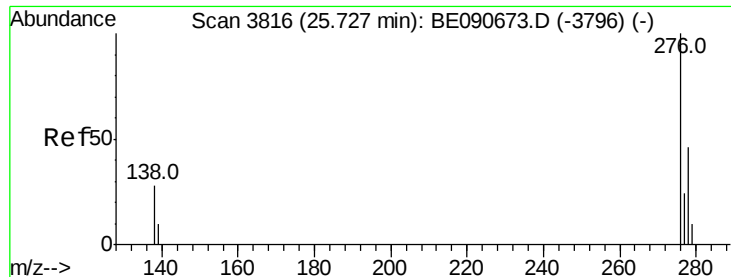


Abundance Ion 149.00 (148.70 to 149.70): E

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: 3.36 ng

RT: 25.71 min Scan# 3812

Delta R.T. -0.01 min

Lab File: BE090863.D

Acq: 17 Sep 2015 14:16

Instrument :

BNA_E

ClientSampleId :

PB85602BS

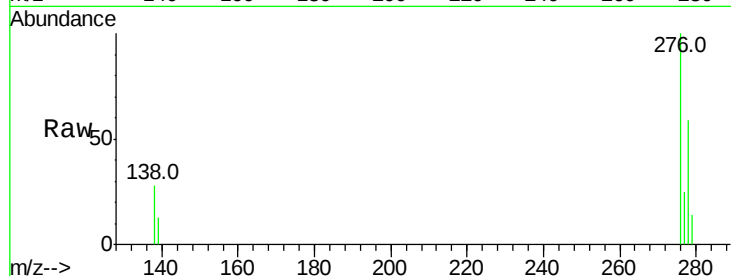
Tgt Ion:276 Resp: 194527

Ion Ratio Lower Upper

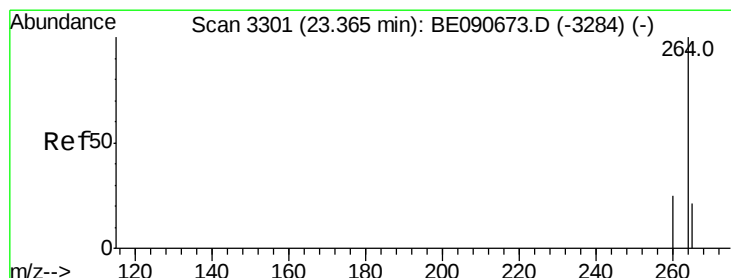
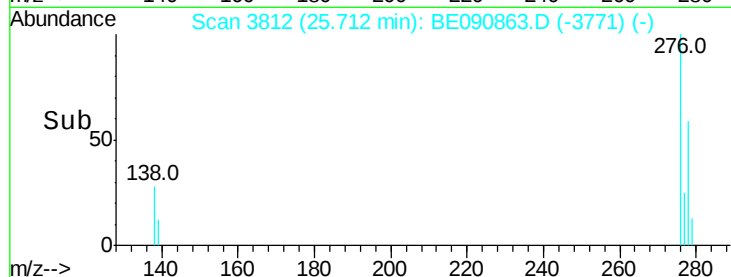
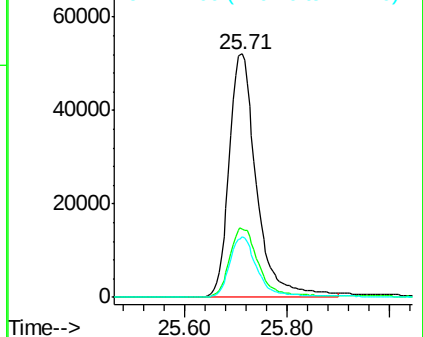
276 100

138 30.2 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: 23.35 min Scan# 3297

Delta R.T. -0.01 min

Lab File: BE090863.D

Acq: 17 Sep 2015 14:16

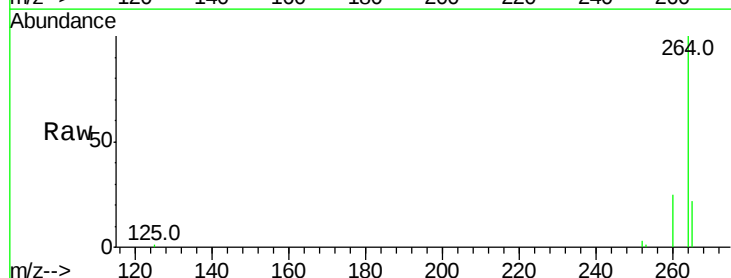
Tgt Ion:264 Resp: 209352

Ion Ratio Lower Upper

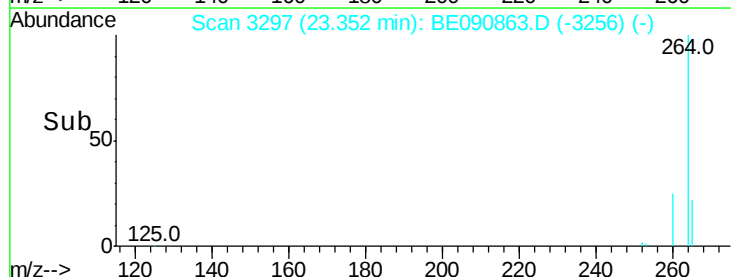
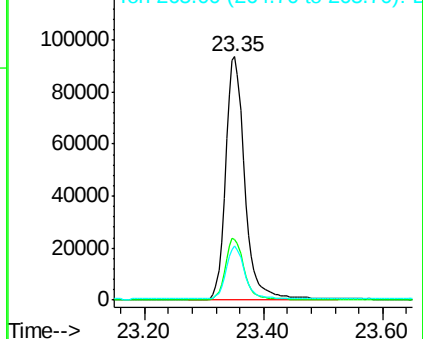
264 100

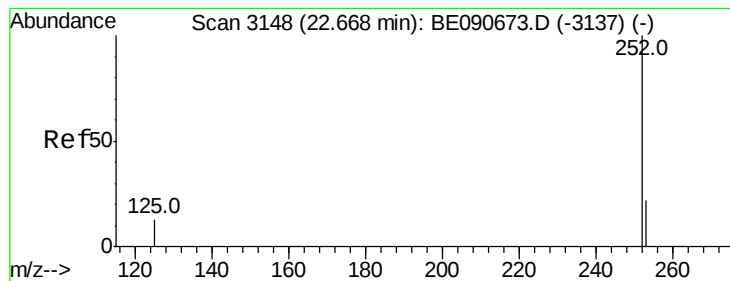
260 25.1 19.7 29.5

265 22.2 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: 3.73 ng

RT: 22.66 min Scan# 3144

Delta R.T. -0.01 min

Lab File: BE090863.D

Acq: 17 Sep 2015 14:16

Instrument :

BNA_E

ClientSampleId :

PB85602BS

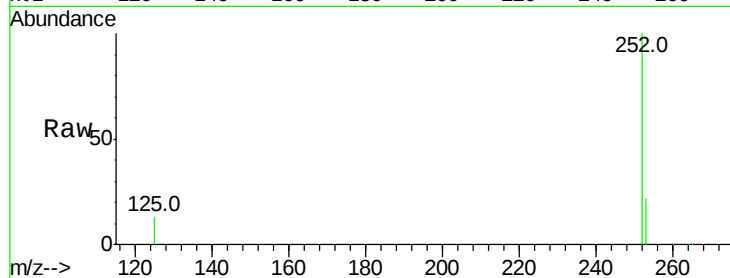
Tgt Ion:252 Resp: 169351

Ion Ratio Lower Upper

252 100

253 22.0 17.9 26.9

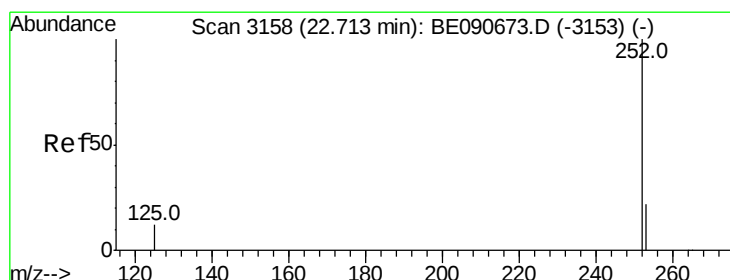
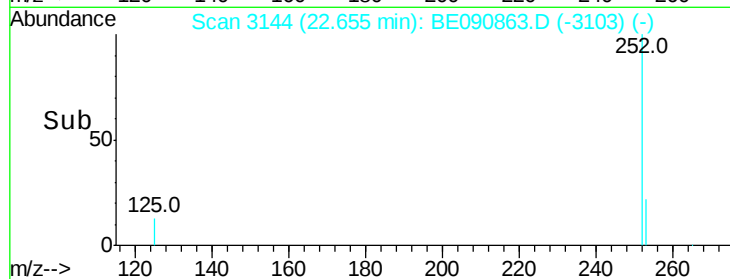
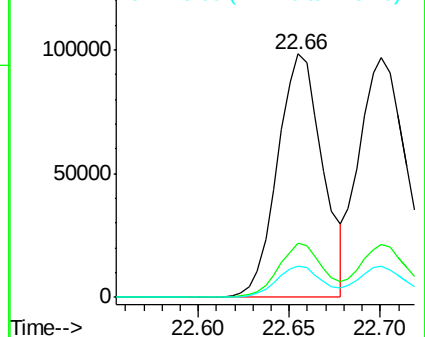
125 12.9 10.6 16.0



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: 3.61 ng

RT: 22.70 min Scan# 3154

Delta R.T. -0.01 min

Lab File: BE090863.D

Acq: 17 Sep 2015 14:16

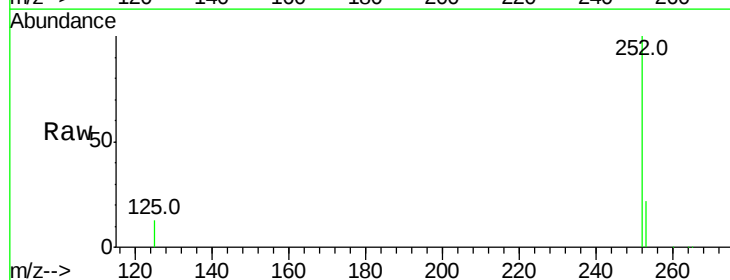
Tgt Ion:252 Resp: 190711

Ion Ratio Lower Upper

252 100

253 21.9 17.9 26.9

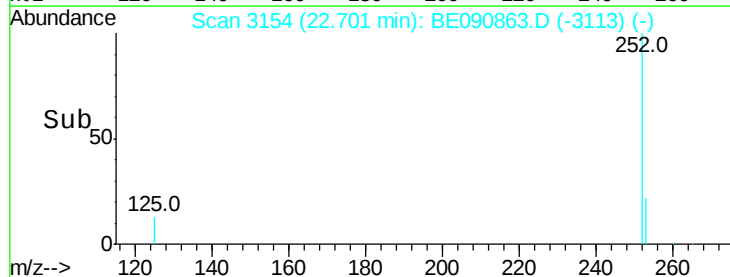
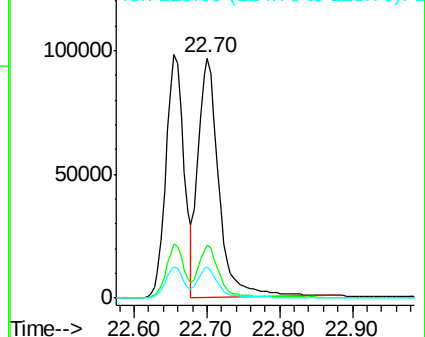
125 12.7 10.1 15.1

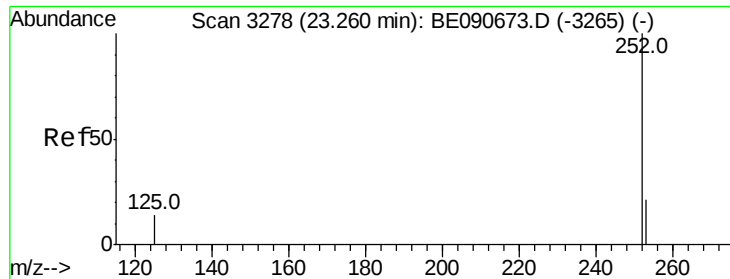


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#35

Benzo(a)pyrene

Concen: 3.90 ng

RT: 23.25 min Scan# 3274

Delta R.T. -0.01 min

Lab File: BE090863.D

Acq: 17 Sep 2015 14:16

Instrument :

BNA_E

ClientSampleId :

PB85602BS

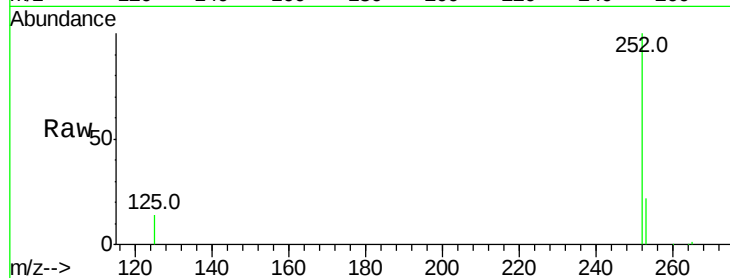
Tgt Ion:252 Resp: 158306

Ion Ratio Lower Upper

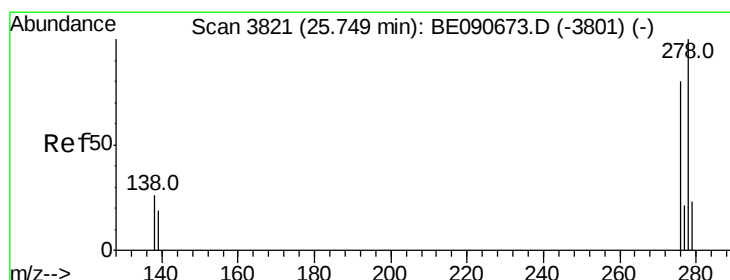
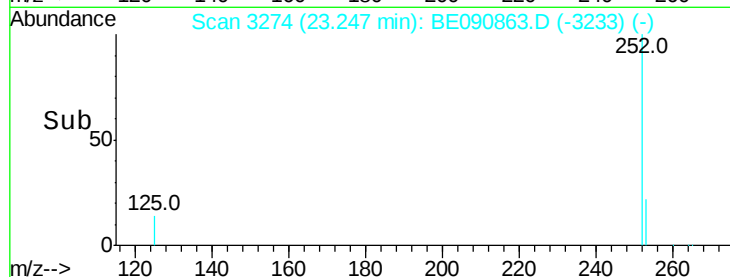
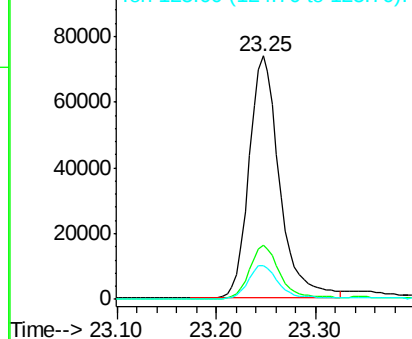
252 100

253 22.1 17.5 26.3

125 14.1 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: 3.26 ng

RT: 25.73 min Scan# 3816

Delta R.T. -0.02 min

Lab File: BE090863.D

Acq: 17 Sep 2015 14:16

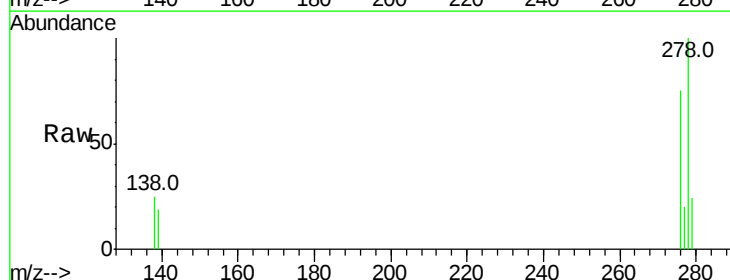
Tgt Ion:278 Resp: 158801

Ion Ratio Lower Upper

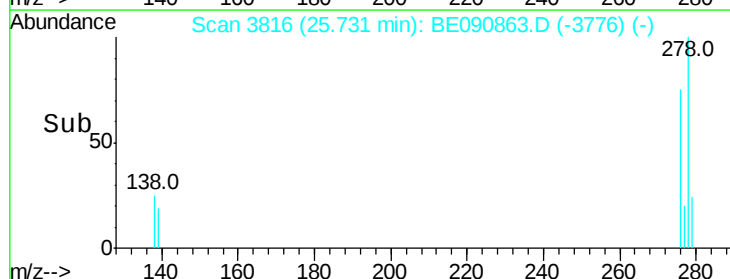
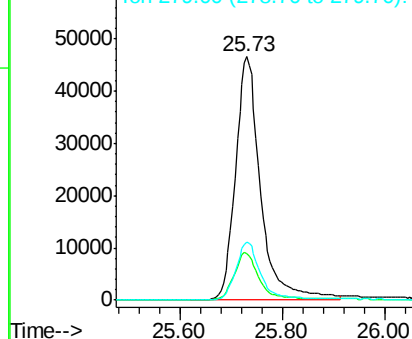
278 100

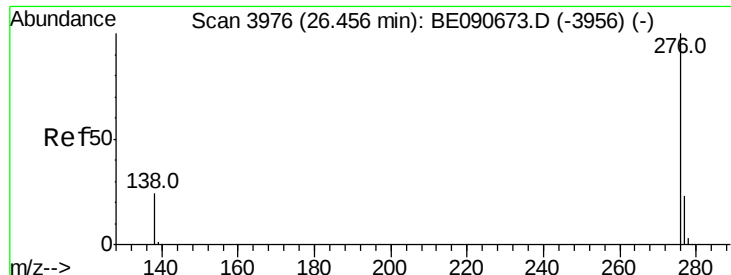
139 19.1 15.4 23.0

279 23.8 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: 3.58 ng

RT: 26.43 min Scan# 3970

Delta R.T. -0.02 min

Lab File: BE090863.D

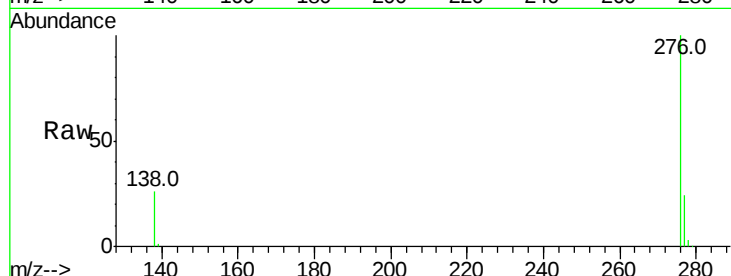
Acq: 17 Sep 2015 14:16

Instrument :

BNA_E

ClientSampleId :

PB85602BS



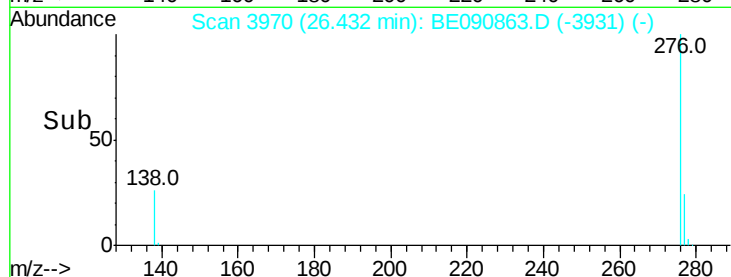
Tgt Ion: 276 Resp: 167363

Ion Ratio Lower Upper

276 100

277 23.7 18.5 27.7

138 26.4 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

