

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE082015\
 Data File : BE090574.D
 Acq On : 20 Aug 2015 14:22
 Operator : UM/IZ
 Sample : PB85108BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB85108BSD

Quant Time: Aug 21 01:30:40 2015
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE081415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 14 16:52:42 2015
 Response via : Initial Calibration

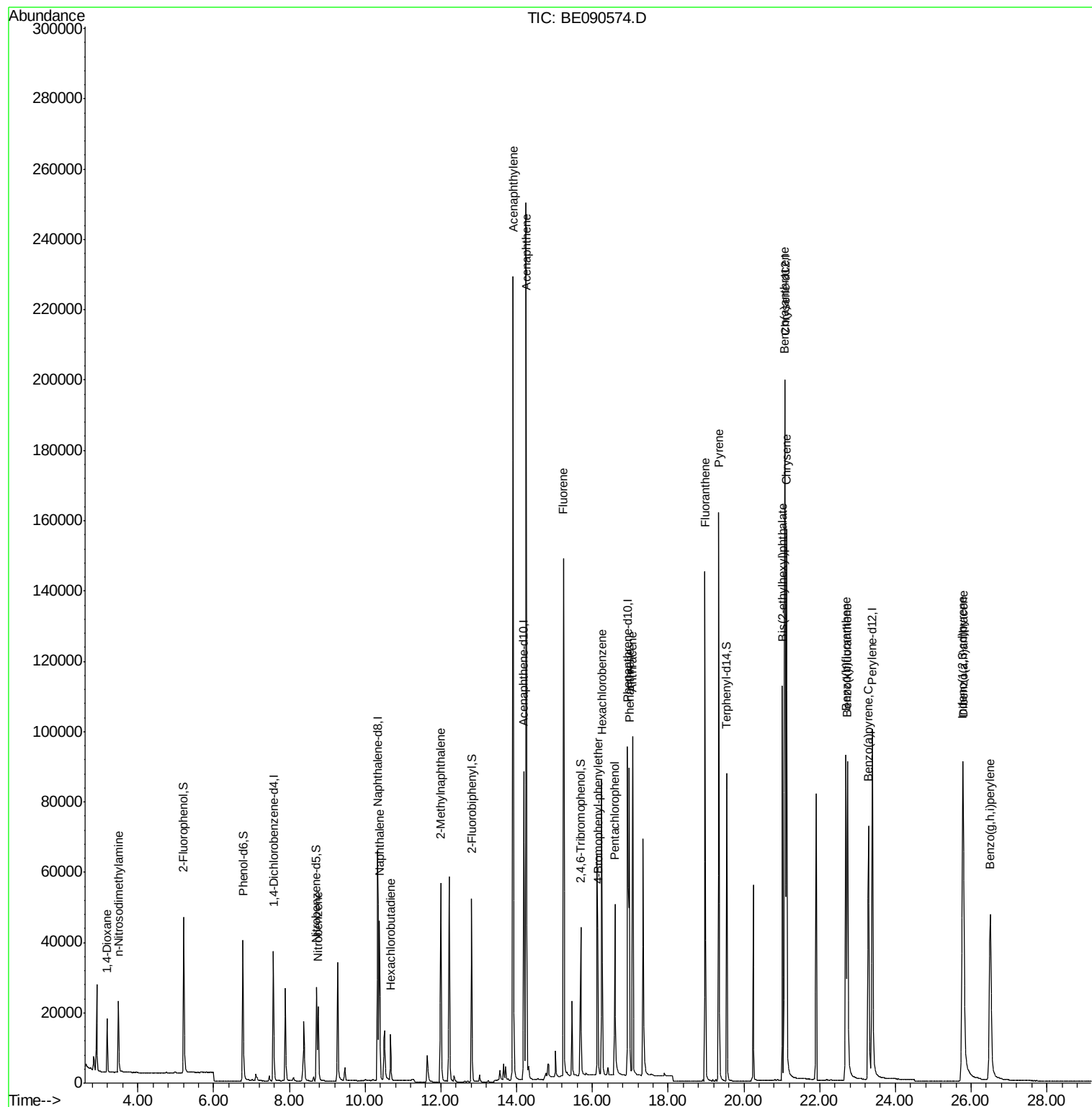
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	18490	5.00	ng	0.00
6) Naphthalene-d8	10.33	136	88118	5.00	ng	0.00
12) Acenaphthene-d10	14.19	164	52763	5.00	ng	0.00
18) Phenanthrene-d10	16.93	188	128207	5.00	ng	-0.02
25) Chrysene-d12	21.09	240	155791	5.00	ng	0.00
32) Perylene-d12	23.39	264	143543	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.21	112	34976	6.54	ng	0.00
5) Phenol-d6	6.77	99	50117	6.38	ng	0.00
7) Nitrobenzene-d5	8.72	82	25306	3.60	ng	0.00
13) 2,4,6-Tribromophenol	15.69	330	18854	9.29	ng	-0.02
14) 2-Fluorobiphenyl	12.81	172	51532	3.27	ng	0.00
27) Terphenyl-d14	19.55	244	90849	3.19	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.19	88	8257	3.93	ng	96
3) n-Nitrosodimethylamine	3.48	42	11166	3.50	ng	# 73
8) Nitrobenzene	8.76	77	25528	3.51	ng	94
9) Naphthalene	10.38	128	62738	3.13	ng	98
10) Hexachlorobutadiene	10.67	225	9272	3.15	ng	99
11) 2-Methylnaphthalene	12.00	142	44579	3.42	ng	95
15) Acenaphthylene	13.91	152	312205	3.24	ng	100
16) Acenaphthene	14.25	154	47293	3.26	ng	# 77
17) Fluorene	15.24	166	63861	3.59	ng	97
19) 4-Bromophenyl-phenylether	16.14	248	17492	3.34	ng	78
20) Hexachlorobenzene	16.25	284	75933	3.27	ng	97
21) Pentachlorophenol	16.60	266	23606	8.27	ng	91
22) Phenanthrene	16.98	178	109062	3.24	ng	100
23) Anthracene	17.07	178	108197	3.49	ng	99
24) Fluoranthene	18.98	202	135813	3.79	ng	99
26) Pyrene	19.34	202	144708	3.25	ng	99
28) Benzo(a)anthracene	21.07	228	136071	3.32	ng	99
29) Chrysene	21.13	228	140415	3.35	ng	98
30) Bis(2-ethylhexyl)phthalate	21.02	149	94768	3.91	ng	98
31) Indeno(1,2,3-cd)pyrene	25.77	276	136622	3.46	ng	# 91
33) Benzo(b)fluoranthene	22.69	252	122276	3.60	ng	99
34) Benzo(k)fluoranthene	22.74	252	134986	3.50	ng	98
35) Benzo(a)pyrene	23.29	252	117780	3.70	ng	98
36) Dibenzo(a,h)anthracene	25.79	278	109925	3.58	ng	97
37) Benzo(g,h,i)perylene	26.51	276	119772	3.57	ng	96

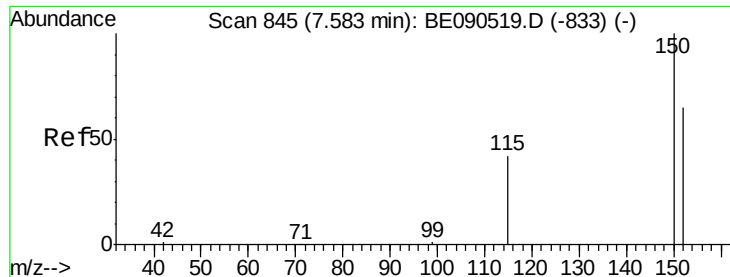
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE090574.D

Acq: 20 Aug 2015 14:22

Instrument :

BNA_E

ClientSampleId :

PB85108BSD

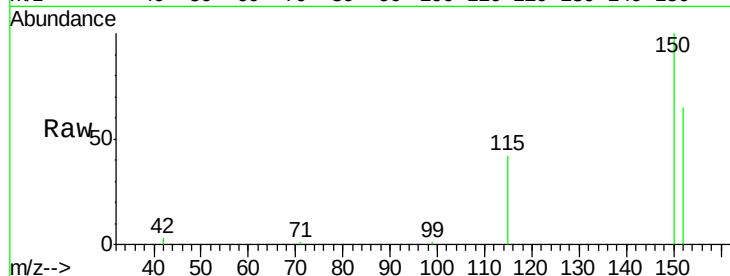
Tgt Ion:152 Resp: 18490

Ion Ratio Lower Upper

152 100

150 153.3 123.0 184.4

115 64.6 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

20000

15000

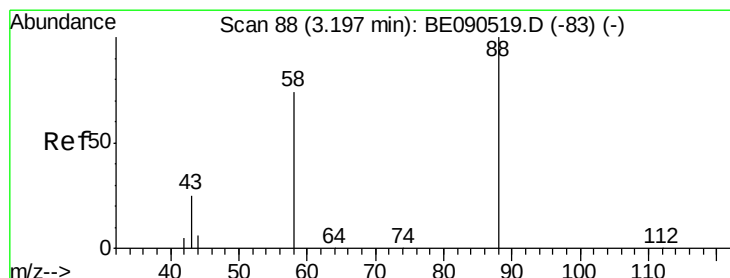
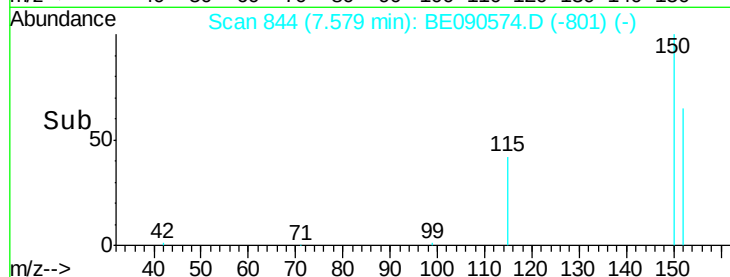
10000

5000

0

7.50 7.58 7.70

Time-->



#2

1,4-Dioxane

Concen: 3.93 ng

RT: 3.19 min Scan# 87

Delta R.T. -0.01 min

Lab File: BE090574.D

Acq: 20 Aug 2015 14:22

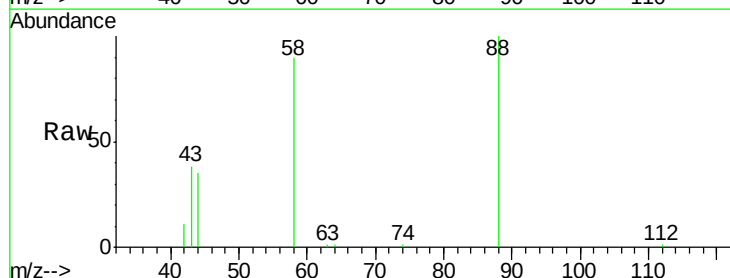
Tgt Ion: 88 Resp: 8257

Ion Ratio Lower Upper

88 100

58 84.9 70.0 105.0

43 32.5 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

8000

6000

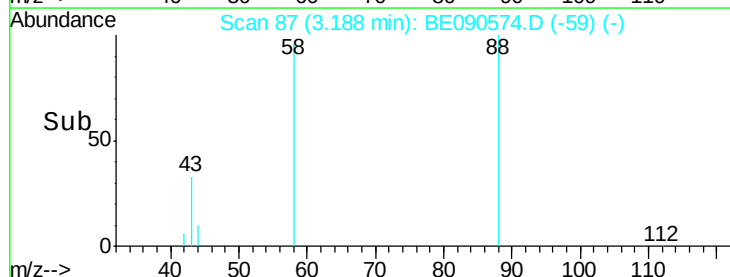
4000

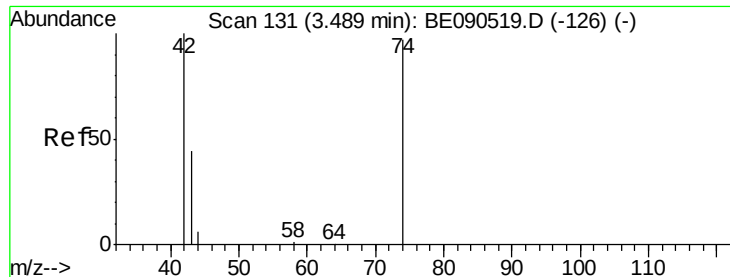
2000

0

3.15 3.19 3.25 3.30

Time-->





#3

n-Nitrosodimethylamine

Concen: 3.50 ng

RT: 3.48 min Scan# 130

Delta R.T. -0.01 min

Lab File: BE090574.D

Acq: 20 Aug 2015 14:22

Instrument :

BNA_E

ClientSampleId :

PB85108BSD

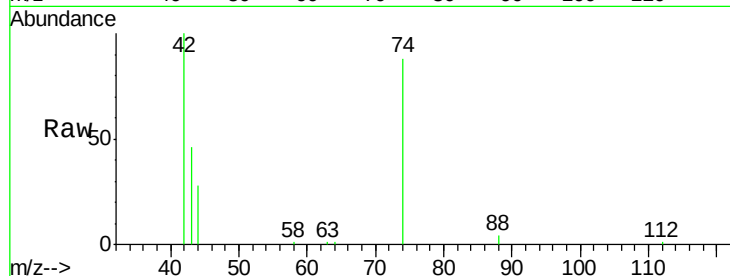
Tgt Ion: 42 Resp: 11166

Ion Ratio Lower Upper

42 100

74 122.4 75.2 112.8#

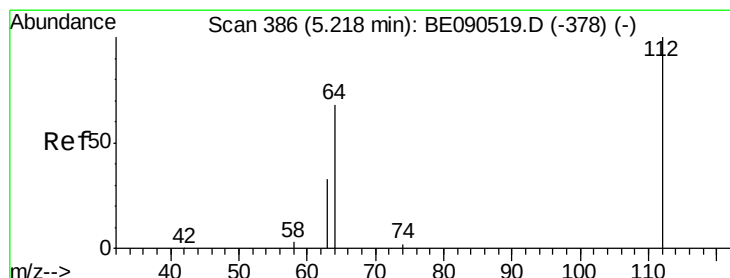
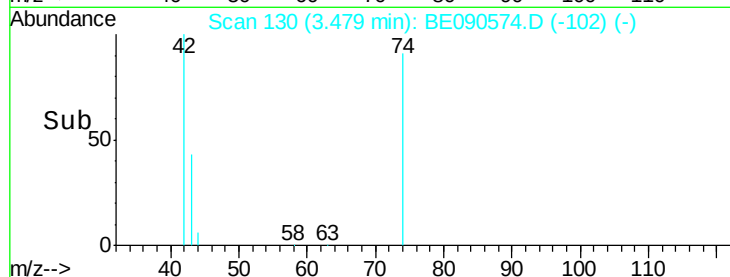
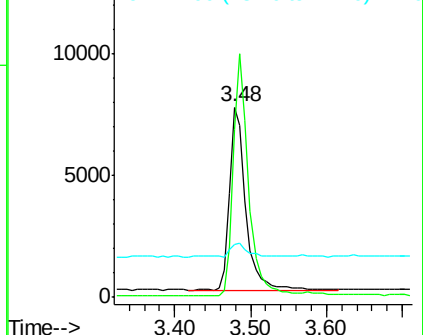
44 7.8 8.7 13.1#



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: 6.54 ng

RT: 5.21 min Scan# 385

Delta R.T. -0.01 min

Lab File: BE090574.D

Acq: 20 Aug 2015 14:22

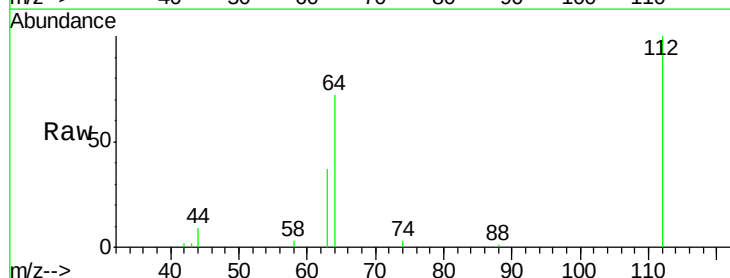
Tgt Ion: 112 Resp: 34976

Ion Ratio Lower Upper

112 100

64 69.6 37.1 55.7#

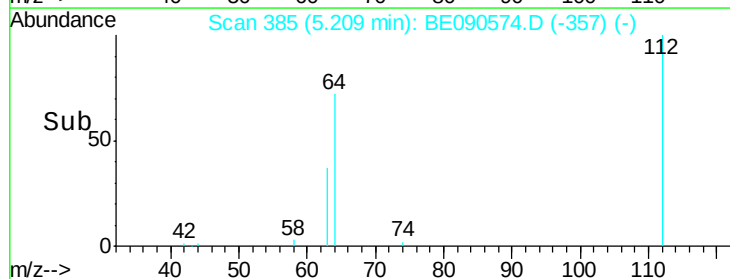
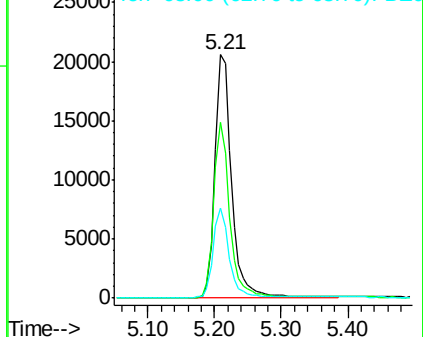
63 35.2 19.5 29.3#

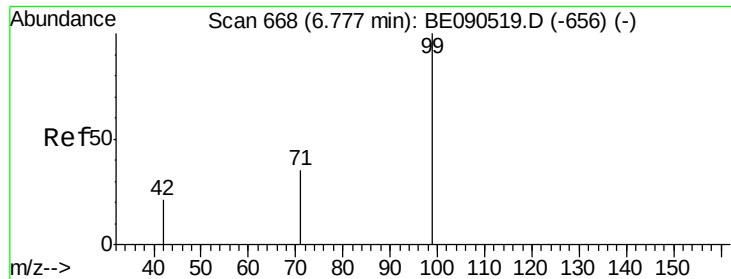


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 6.38 ng

RT: 6.77 min Scan# 667

Delta R.T. -0.00 min

Lab File: BE090574.D

Acq: 20 Aug 2015 14:22

Instrument :

BNA_E

ClientSampleId :

PB85108BSD

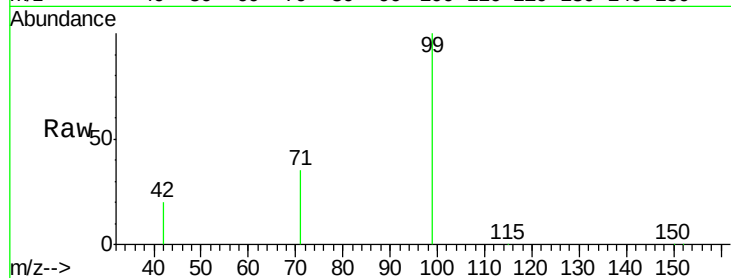
Tgt Ion: 99 Resp: 50117

Ion Ratio Lower Upper

99 100

42 20.7 18.2 27.4

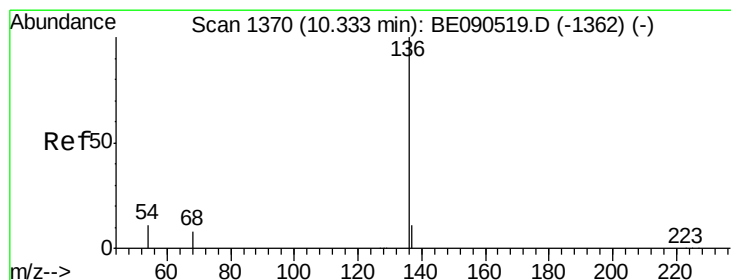
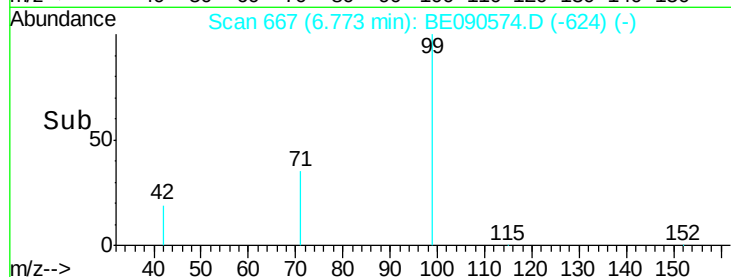
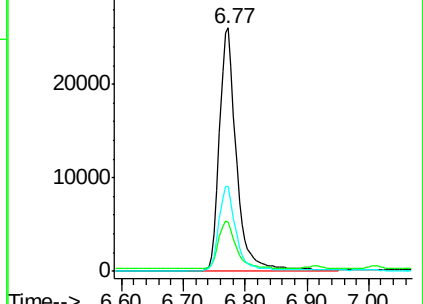
71 35.1 27.4 41.0



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: BE090574.D

Acq: 20 Aug 2015 14:22

Tgt Ion: 136 Resp: 88118

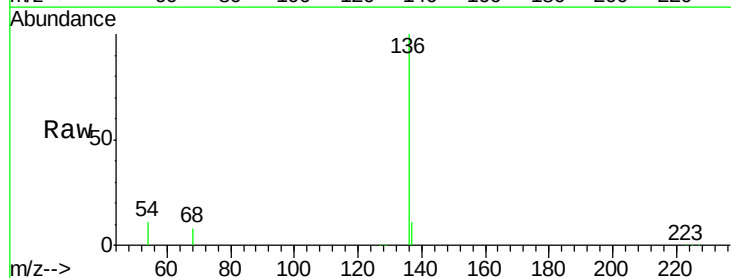
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 10.5 9.4 14.0

68 7.9 6.5 9.7

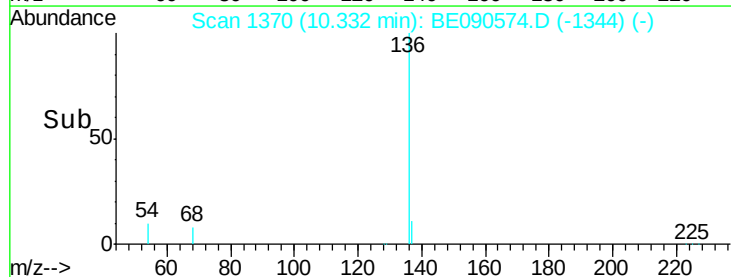
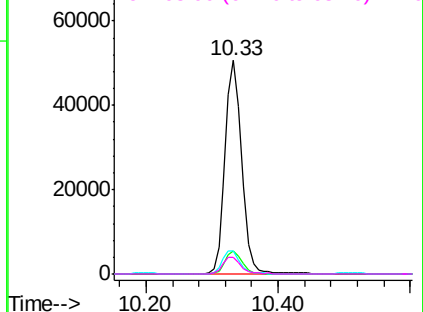


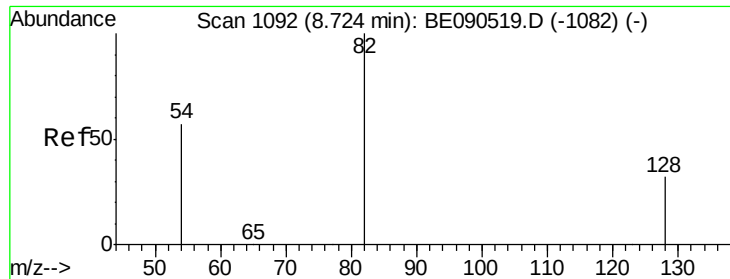
Abundance Ion 136.00 (135.70 to 136.70): E

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: 3.60 ng

RT: 8.72 min Scan# 1090

Delta R.T. -0.01 min

Lab File: BE090574.D

Acq: 20 Aug 2015 14:22

Instrument :

BNA_E

ClientSampleId :

PB85108BSD

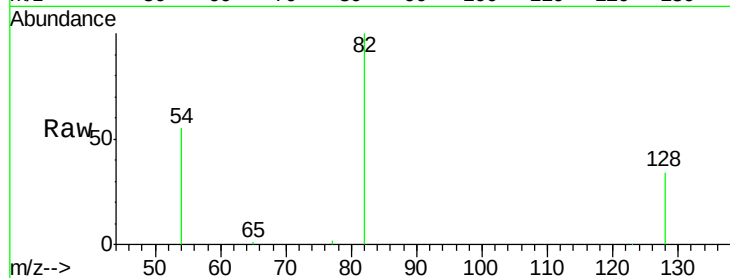
Tgt Ion: 82 Resp: 25306

Ion Ratio Lower Upper

82 100

128 33.8 25.0 37.6

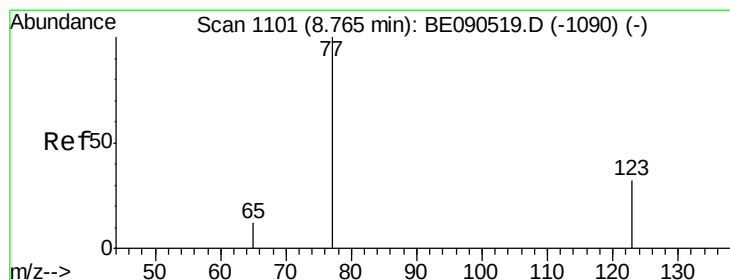
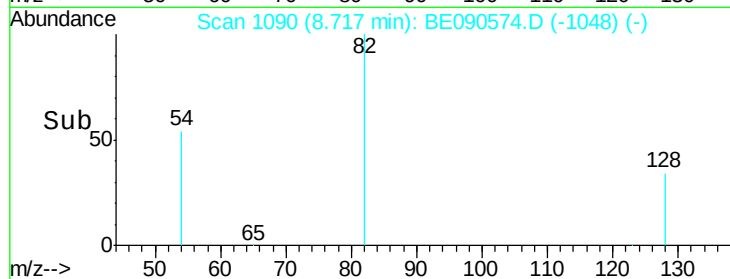
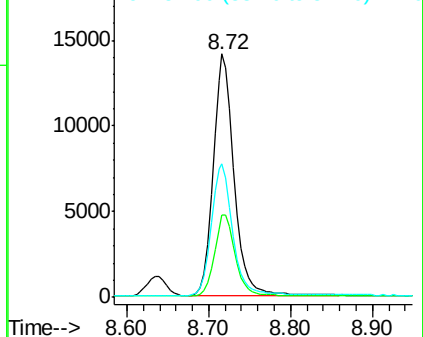
54 54.7 48.8 73.2



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: 3.51 ng

RT: 8.76 min Scan# 1099

Delta R.T. -0.01 min

Lab File: BE090574.D

Acq: 20 Aug 2015 14:22

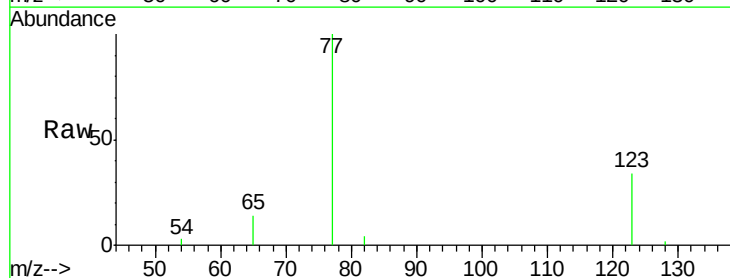
Tgt Ion: 77 Resp: 25528

Ion Ratio Lower Upper

77 100

123 35.6 25.1 37.7

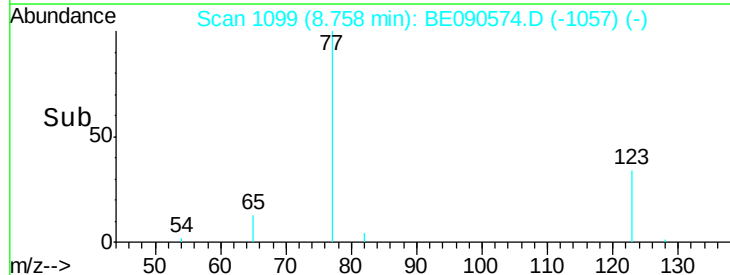
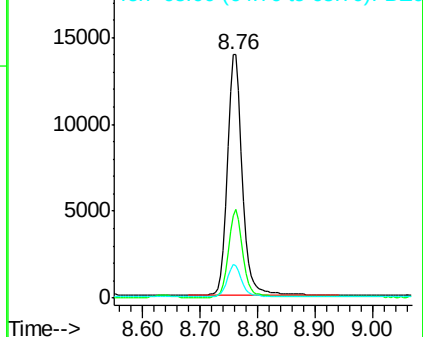
65 12.9 9.3 13.9

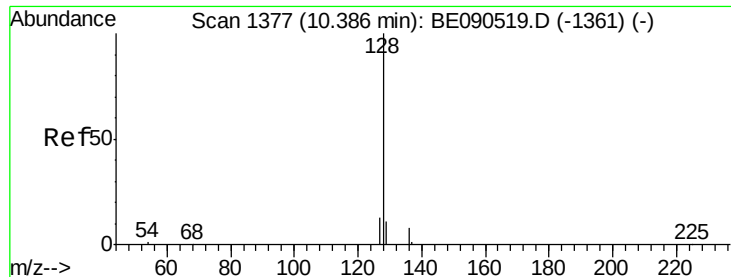


Abundance Ion 77.00 (76.70 to 77.70): BE0

Ion 123.00 (122.70 to 123.70): BE0

Ion 65.00 (64.70 to 65.70): BE0





#9

Naphthalene

Concen: 3.13 ng

RT: 10.38 min Scan# 1376

Delta R.T. -0.01 min

Lab File: BE090574.D

Acq: 20 Aug 2015 14:22

Instrument :

BNA_E

ClientSampleId :

PB85108BSD

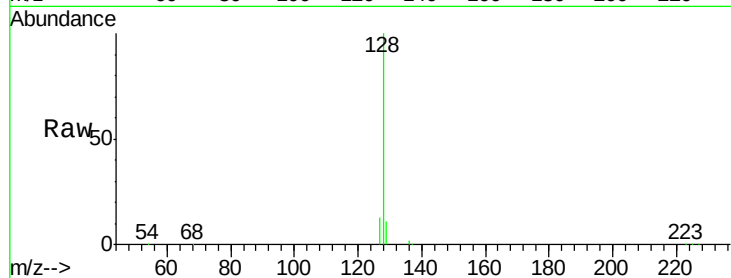
Tgt Ion:128 Resp: 62738

Ion Ratio Lower Upper

128 100

129 11.0 9.8 14.6

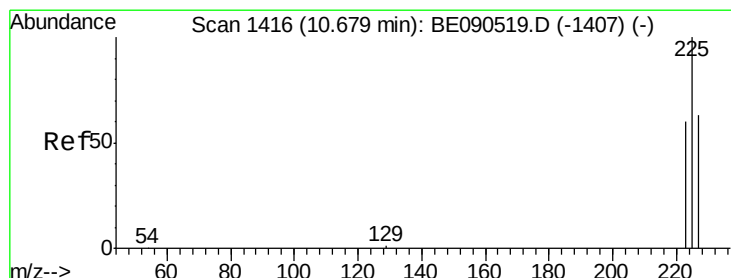
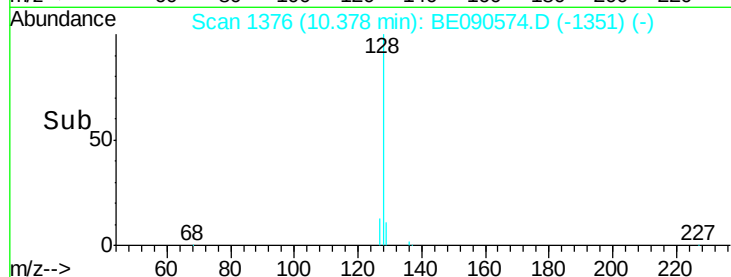
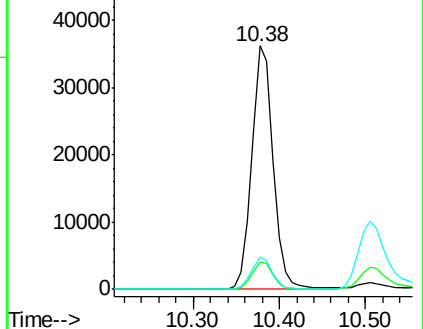
127 13.2 10.6 16.0



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: 3.15 ng

RT: 10.67 min Scan# 1415

Delta R.T. -0.01 min

Lab File: BE090574.D

Acq: 20 Aug 2015 14:22

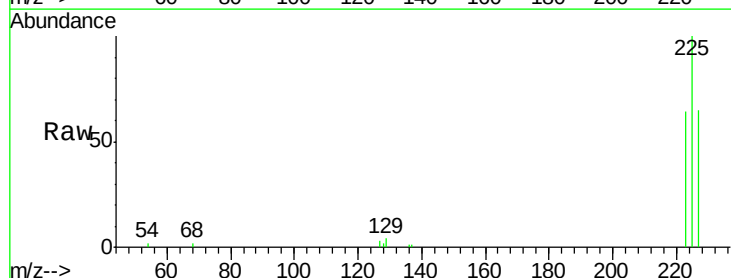
Tgt Ion:225 Resp: 9272

Ion Ratio Lower Upper

225 100

223 62.9 50.6 75.8

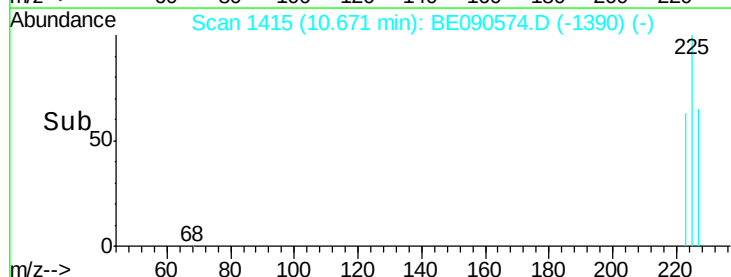
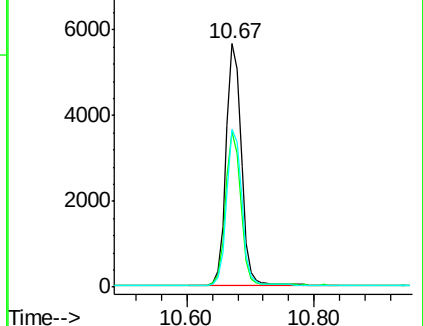
227 64.3 50.7 76.1

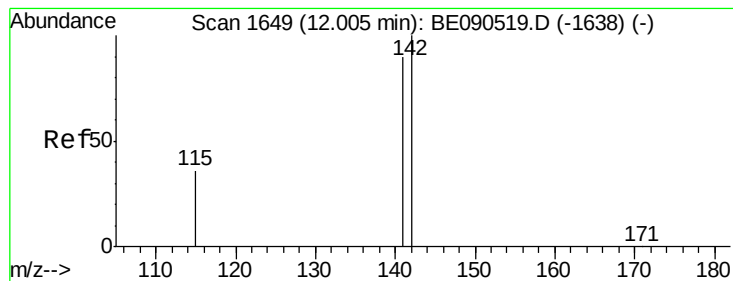


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene

Concen: 3.42 ng

RT: 12.00 min Scan# 1648

Delta R.T. -0.00 min

Lab File: BE090574.D

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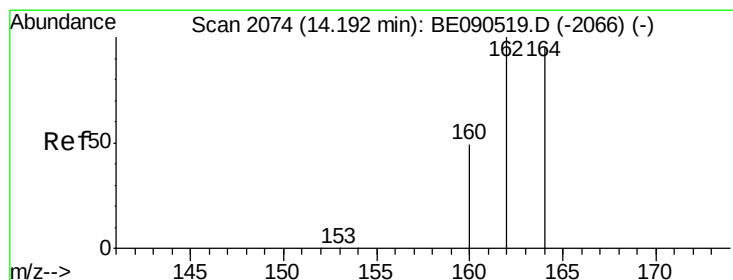
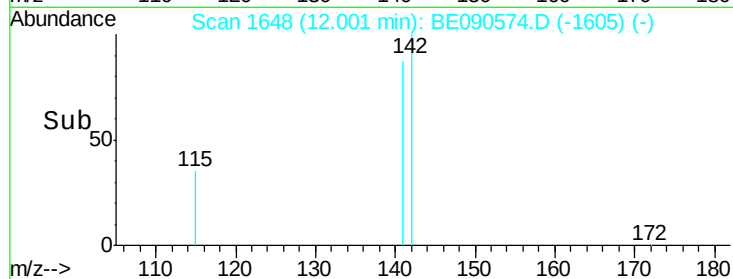
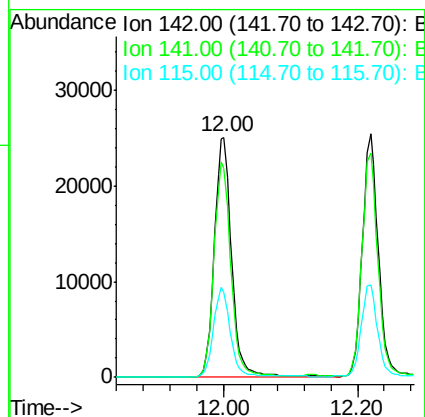
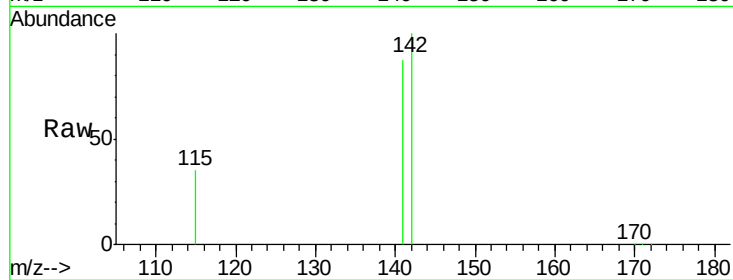
Tgt Ion:142 Resp: 44579

Ion Ratio Lower Upper

142 100

141 87.0 72.6 109.0

115 35.2 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: BE090574.D

Acq: 20 Aug 2015 14:22

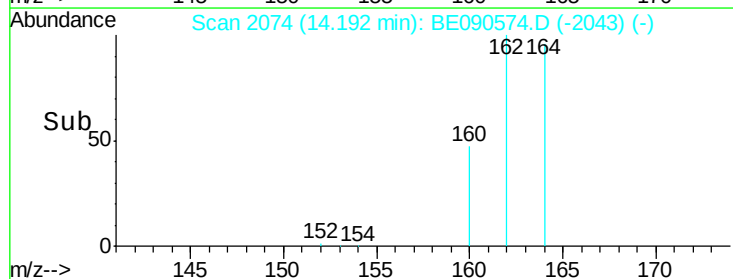
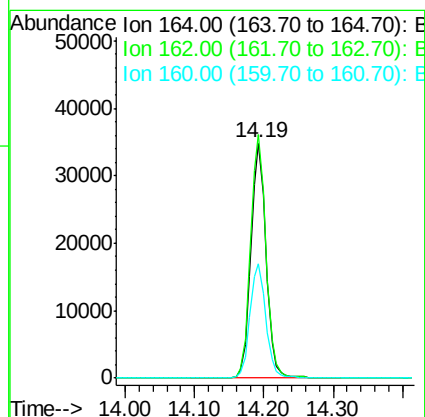
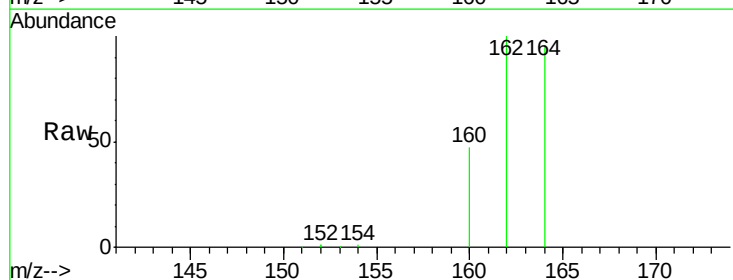
Tgt Ion:164 Resp: 52763

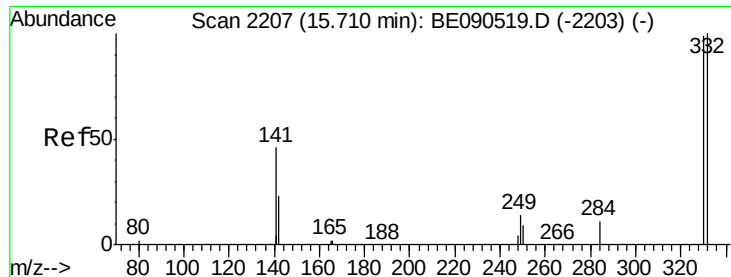
Ion Ratio Lower Upper

164 100

162 103.7 81.8 122.8

160 48.5 44.2 66.4

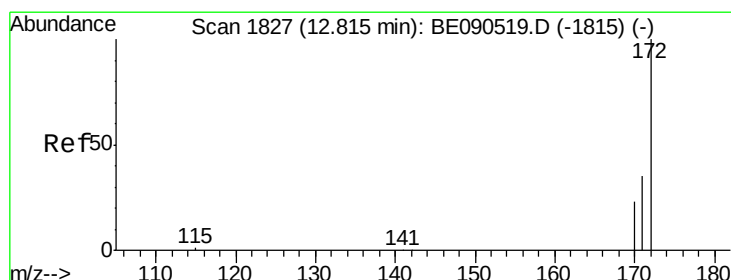
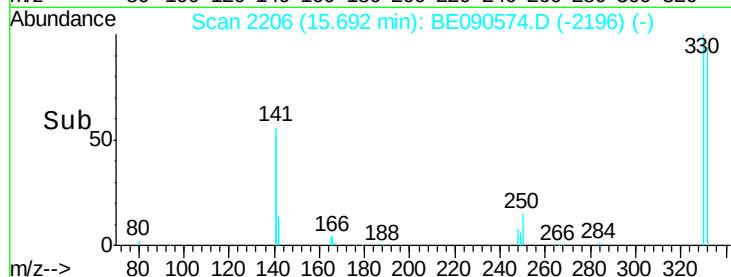
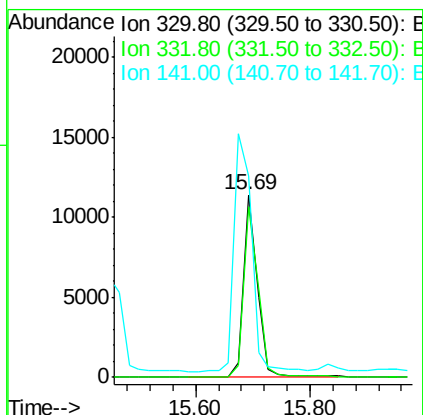
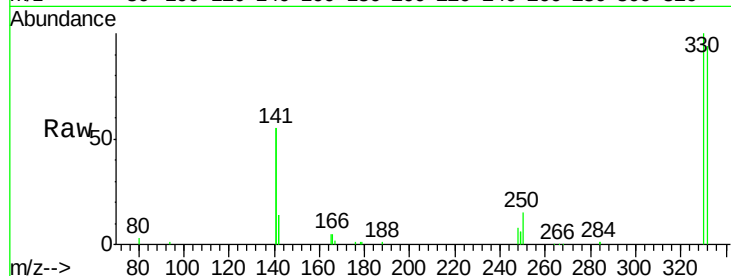




#13
 2,4,6-Tribromophenol
 Concen: 9.29 ng
 RT: 15.69 min Scan# 2206
 Delta R.T. -0.02 min
 Lab File: BE090574.D
 Acq: 20 Aug 2015 14:22

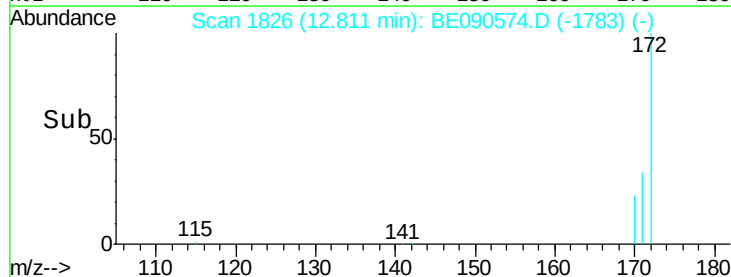
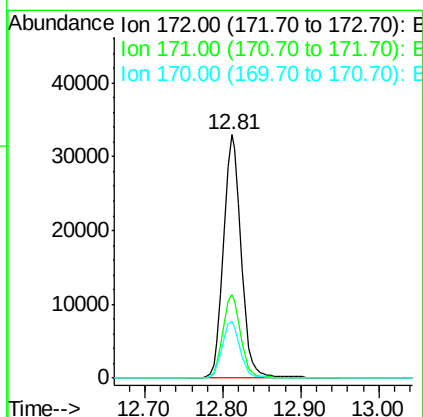
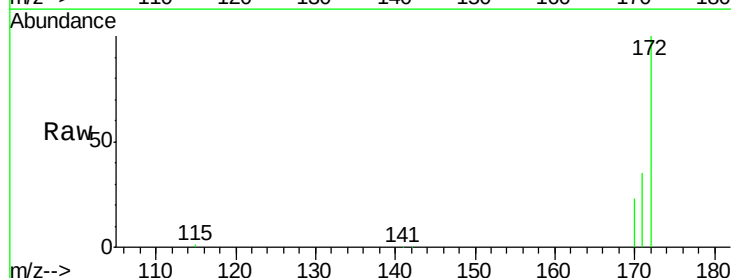
Instrument :
 BNA_E
 ClientSampleId :
 PB85108BSD

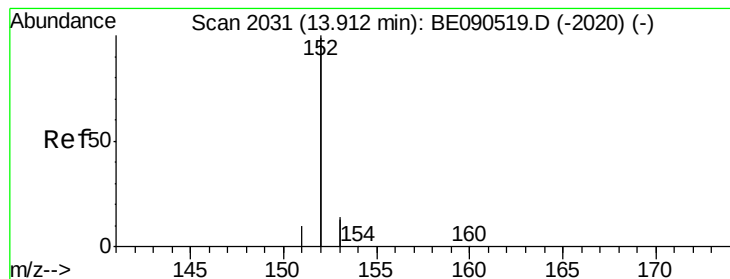
Tgt Ion:330 Resp: 18854
 Ion Ratio Lower Upper
 330 100
 332 97.6 75.8 113.6
 141 165.7 114.4 171.6



#14
 2-Fluorobiphenyl
 Concen: 3.27 ng
 RT: 12.81 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: BE090574.D
 Acq: 20 Aug 2015 14:22

Tgt Ion:172 Resp: 51532
 Ion Ratio Lower Upper
 172 100
 171 34.6 28.5 42.7
 170 23.4 19.8 29.8





#15

Acenaphthylene

Concen: 3.24 ng

RT: 13.91 min Scan# 2030

Delta R.T. -0.01 min

Lab File: BE090574.D

Acq: 20 Aug 2015 14:22

Instrument :

BNA_E

ClientSampleId :

PB85108BSD

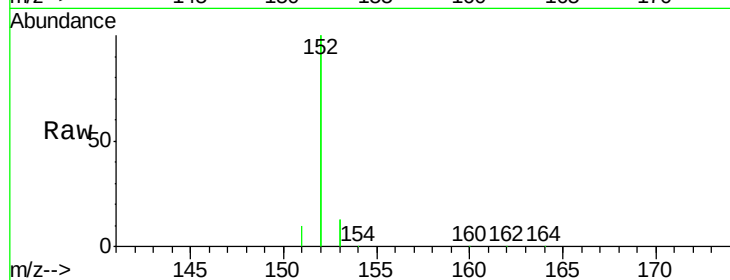
Tgt Ion:152 Resp: 312205

Ion Ratio Lower Upper

152 100

151 4.9 3.8 5.8

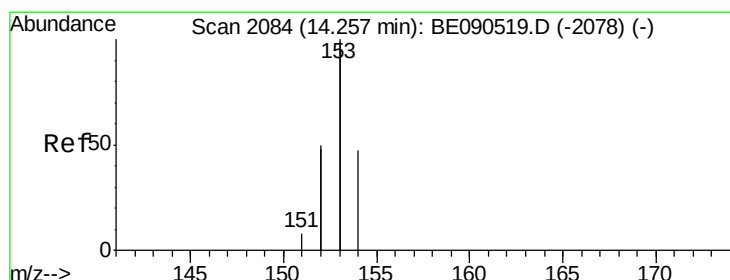
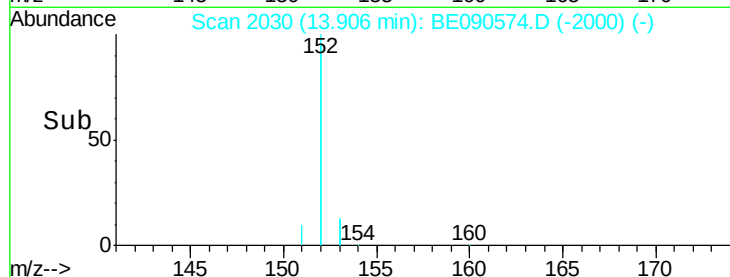
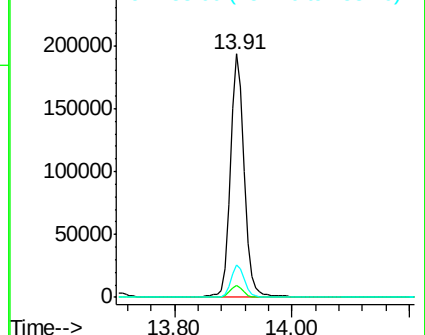
153 13.1 10.3 15.5



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: 3.26 ng

RT: 14.25 min Scan# 2083

Delta R.T. -0.01 min

Lab File: BE090574.D

Acq: 20 Aug 2015 14:22

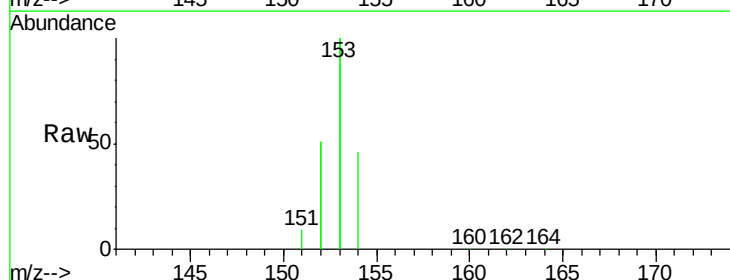
Tgt Ion:154 Resp: 47293

Ion Ratio Lower Upper

154 100

153 436.2 376.2 564.2

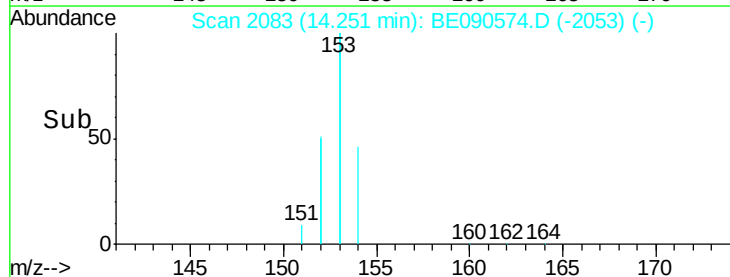
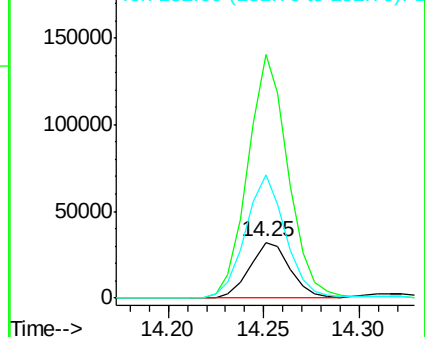
152 218.9 235.0 352.4#

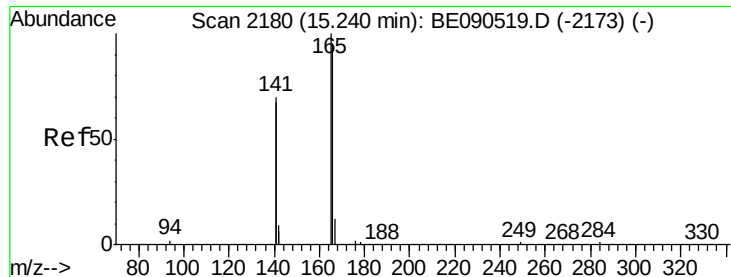


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

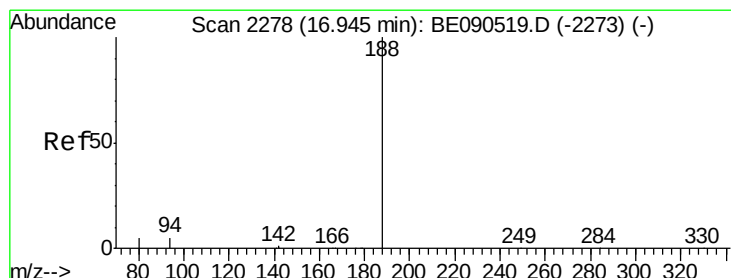
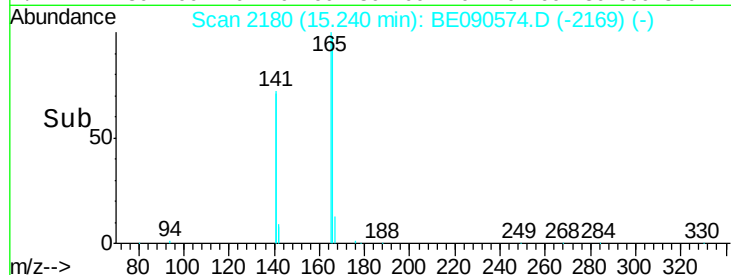
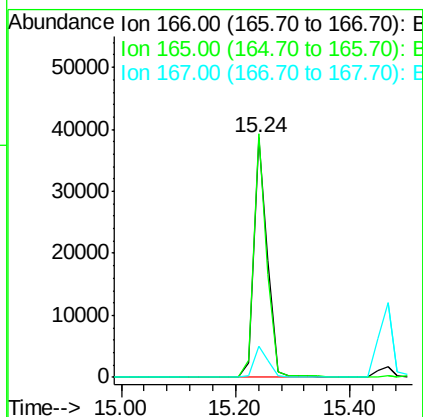
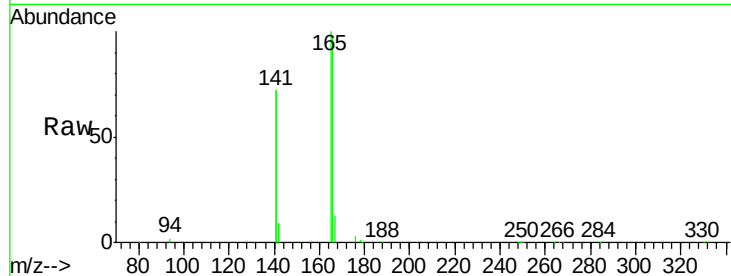




#17
Fluorene
 Concen: 3.59 ng
 RT: 15.24 min Scan# 2180
 Delta R.T. -0.00 min
 Lab File: BE090574.D
 Acq: 20 Aug 2015 14:22

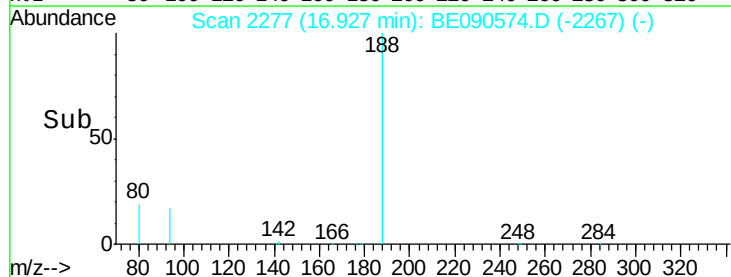
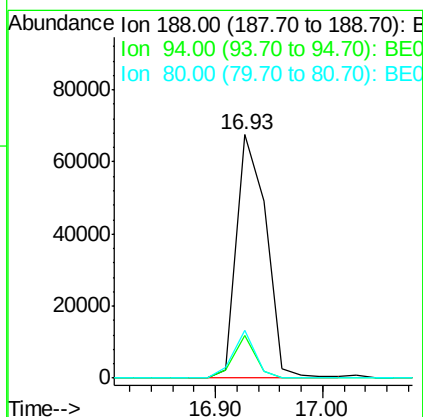
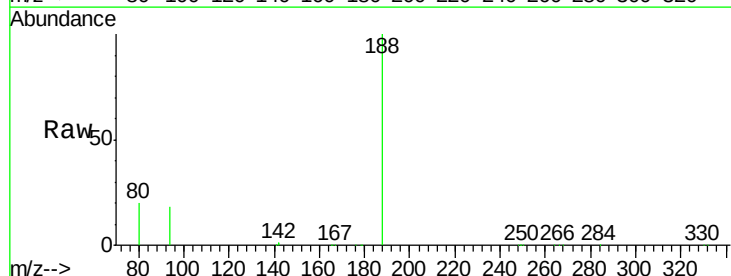
Instrument :
 BNA_E
 ClientSampleId :
 PB85108BSD

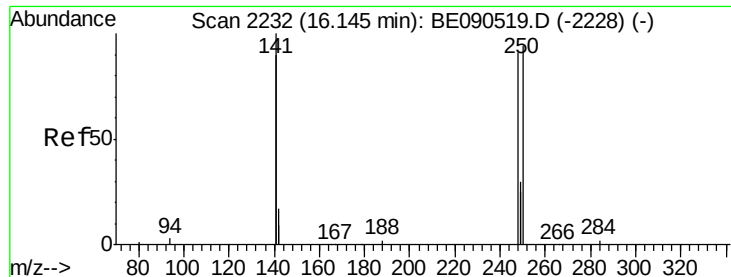
Tgt Ion:166 Resp: 63861
 Ion Ratio Lower Upper
 166 100
 165 98.2 81.5 122.3
 167 13.4 11.4 17.0



#18
Phenanthrene-d10
 Concen: 5.00 ng
 RT: 16.93 min Scan# 2277
 Delta R.T. -0.02 min
 Lab File: BE090574.D
 Acq: 20 Aug 2015 14:22

Tgt Ion:188 Resp: 128207
 Ion Ratio Lower Upper
 188 100
 94 17.6 5.7 8.5#
 80 19.6 5.8 8.8#





#19

4-Bromophenyl-phenylether

Concen: 3.34 ng

RT: 16.14 min Scan# 2232

Delta R.T. -0.00 min

Lab File: BE090574.D

Acq: 20 Aug 2015 14:22

Instrument :

BNA_E

ClientSampleId :

PB85108BSD

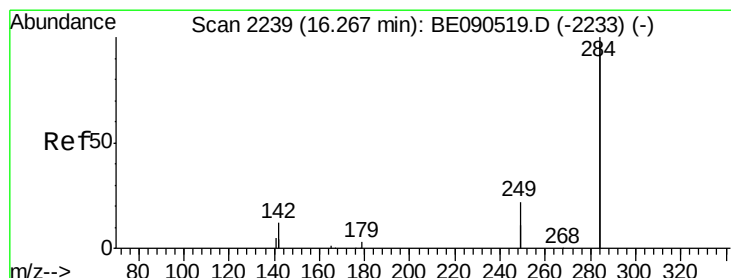
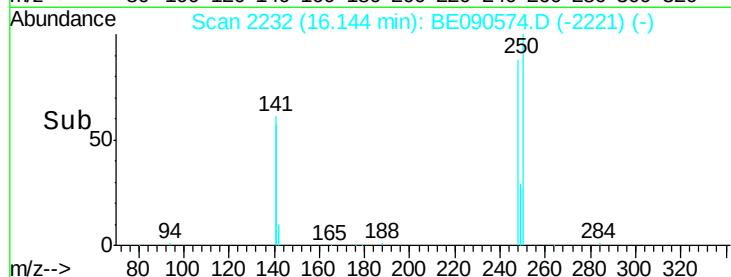
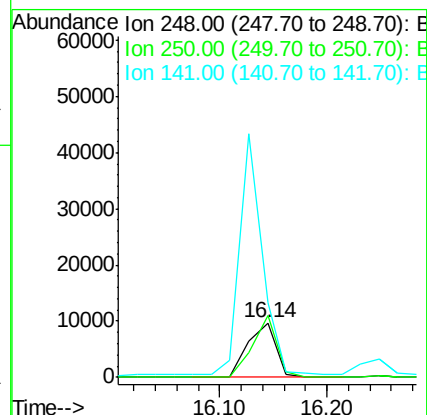
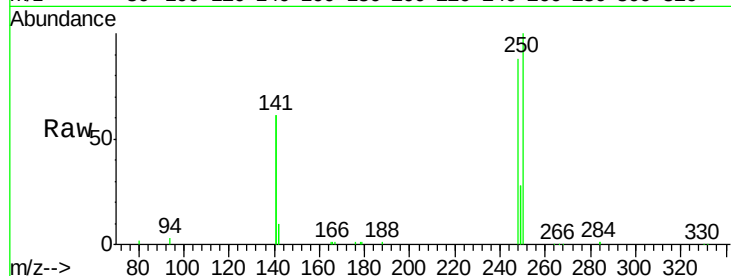
Tgt Ion:248 Resp: 17492

Ion Ratio Lower Upper

248 100

250 97.7 79.0 118.6

141 356.3 239.5 359.3



#20

Hexachlorobenzene

Concen: 3.27 ng

RT: 16.25 min Scan# 2238

Delta R.T. -0.02 min

Lab File: BE090574.D

Acq: 20 Aug 2015 14:22

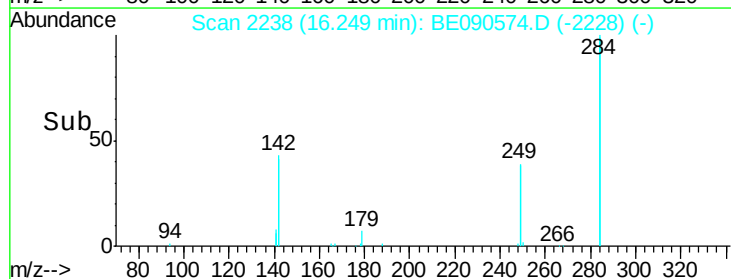
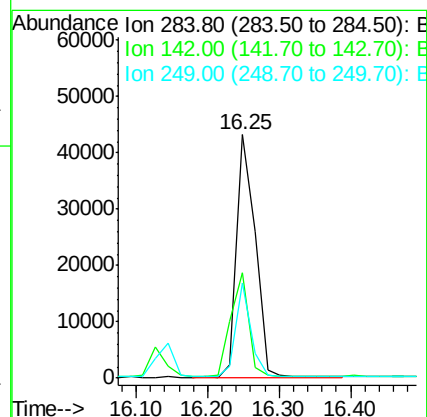
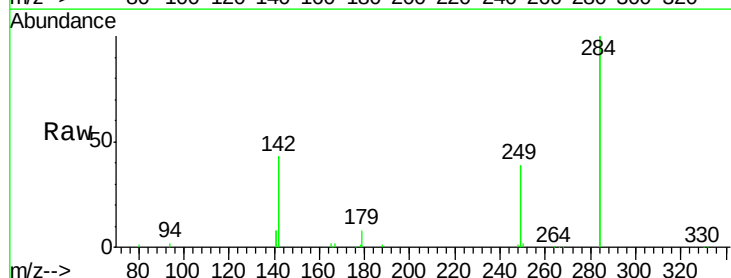
Tgt Ion:284 Resp: 75933

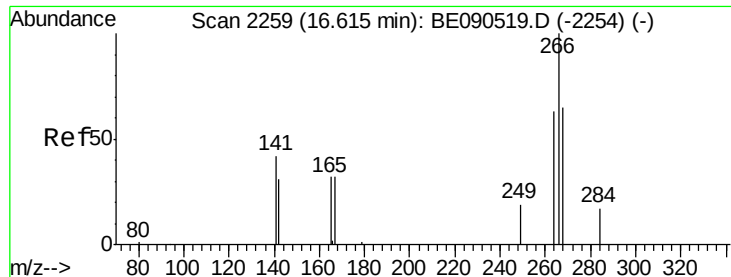
Ion Ratio Lower Upper

284 100

142 40.9 30.1 45.1

249 31.7 25.7 38.5

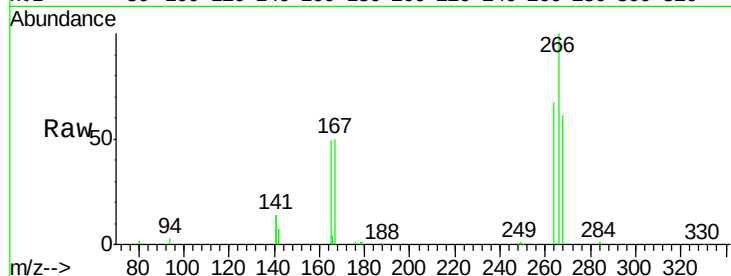




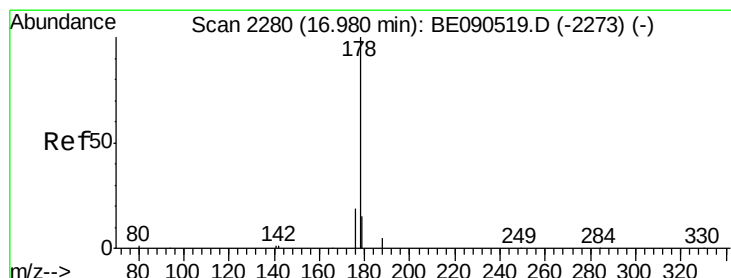
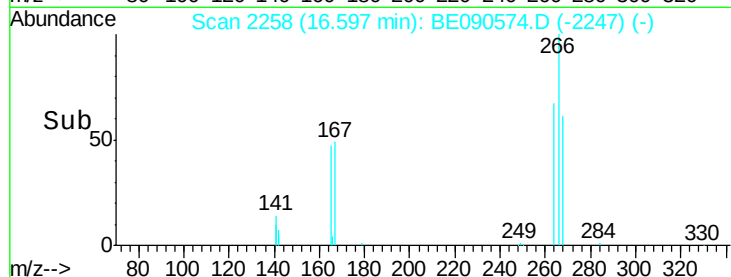
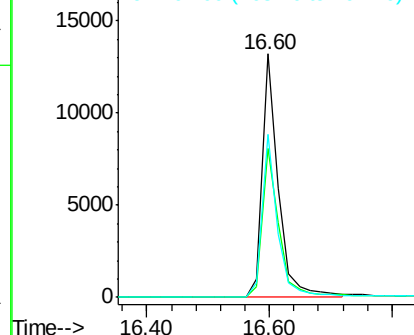
#21
 Pentachlorophenol
 Concen: 8.27 ng
 RT: 16.60 min Scan# 2258
 Delta R.T. -0.02 min
 Lab File: BE090574.D
 Acq: 20 Aug 2015 14:22

Instrument :
 BNA_E
 ClientSampleId :
 PB85108BSD

Tgt Ion: 266 Resp: 23606
 Ion Ratio Lower Upper
 266 100
 268 61.2 58.5 87.7
 264 66.8 56.0 84.0

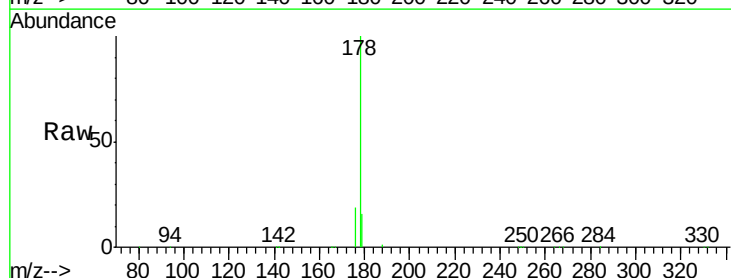


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

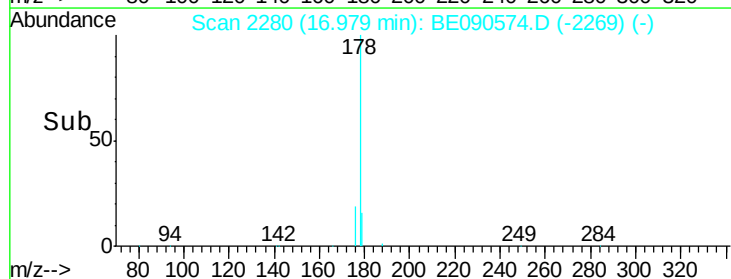
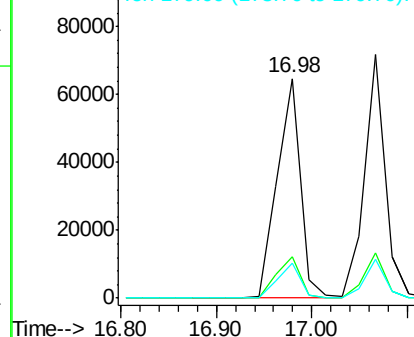


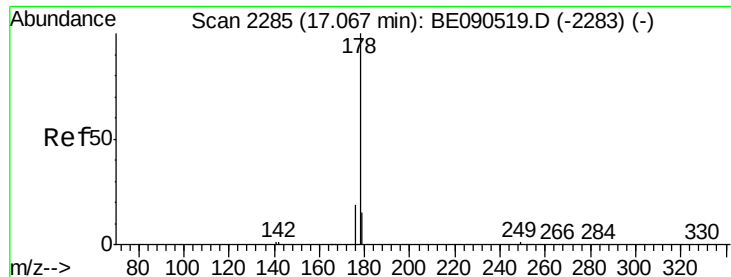
#22
 Phenanthrene
 Concen: 3.24 ng
 RT: 16.98 min Scan# 2280
 Delta R.T. -0.00 min
 Lab File: BE090574.D
 Acq: 20 Aug 2015 14:22

Tgt Ion: 178 Resp: 109062
 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: 3.49 ng

RT: 17.07 min Scan# 2285

Delta R.T. -0.00 min

Lab File: BE090574.D

Acq: 20 Aug 2015 14:22

Instrument :

BNA_E

ClientSampleId :

PB85108BSD

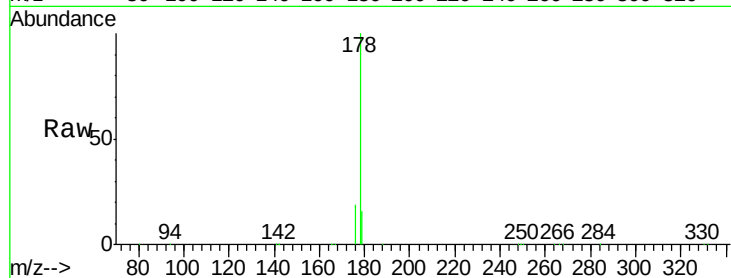
Tgt Ion:178 Resp: 108197

Ion Ratio Lower Upper

178 100

176 18.9 14.9 22.3

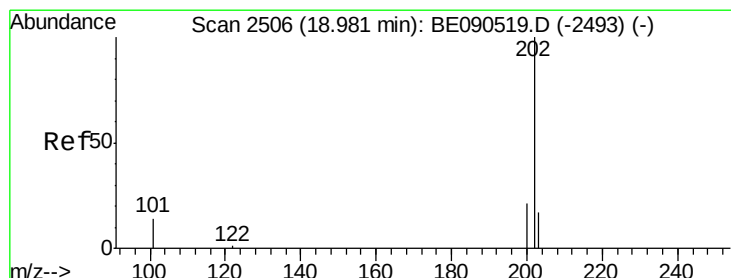
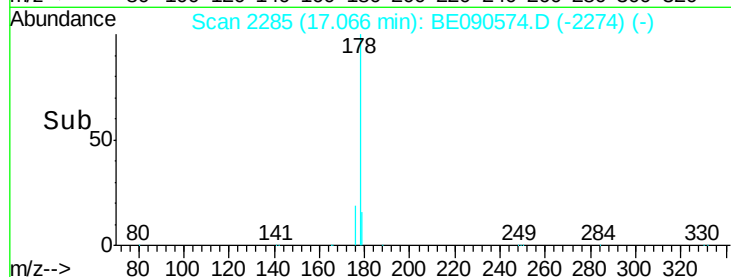
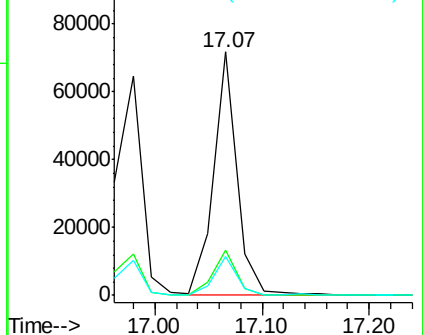
179 15.6 12.2 18.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Fluoranthene

Concen: 3.79 ng

RT: 18.98 min Scan# 2505

Delta R.T. -0.00 min

Lab File: BE090574.D

Acq: 20 Aug 2015 14:22

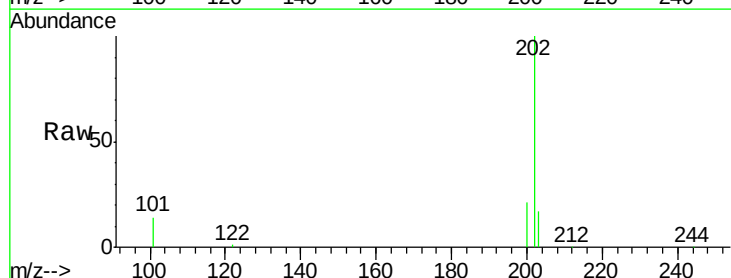
Tgt Ion:202 Resp: 135813

Ion Ratio Lower Upper

202 100

101 14.0 10.3 15.5

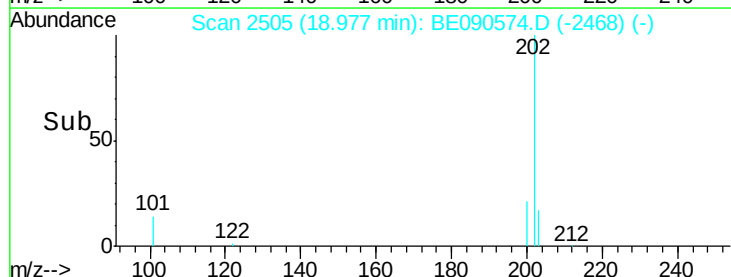
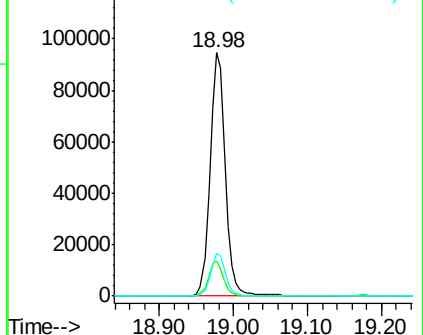
203 17.2 13.7 20.5

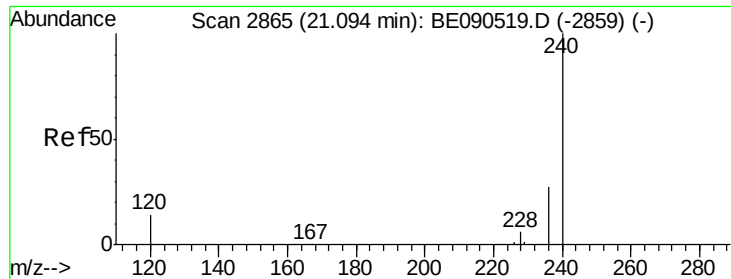


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.09 min Scan# 2864

Delta R.T. -0.00 min

Lab File: BE090574.D

Acq: 20 Aug 2015 14:22

Instrument :

BNA_E

ClientSampleId :

PB85108BSD

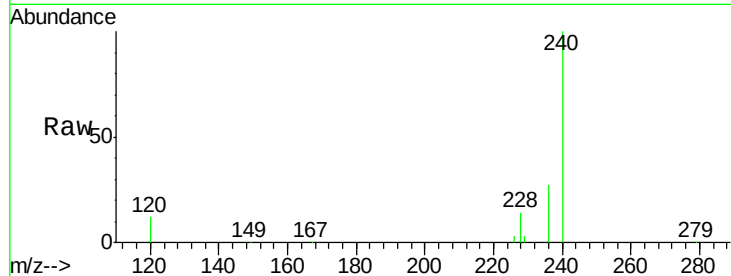
Tgt Ion:240 Resp: 155791

Ion Ratio Lower Upper

240 100

120 12.3 8.3 12.5

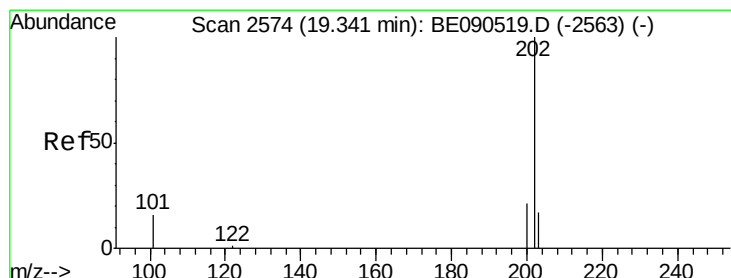
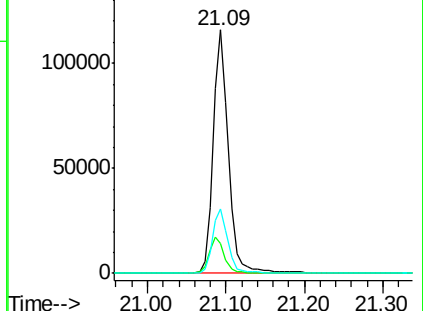
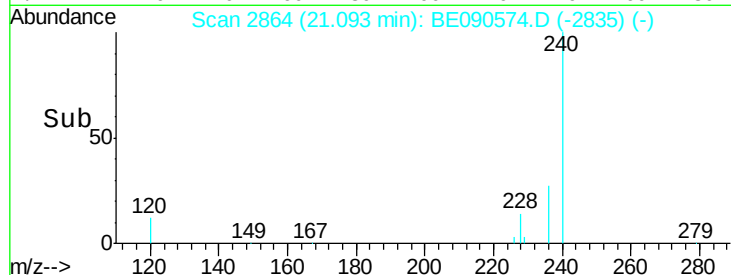
236 26.6 21.0 31.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#26

Pyrene

Concen: 3.25 ng

RT: 19.34 min Scan# 2573

Delta R.T. -0.00 min

Lab File: BE090574.D

Acq: 20 Aug 2015 14:22

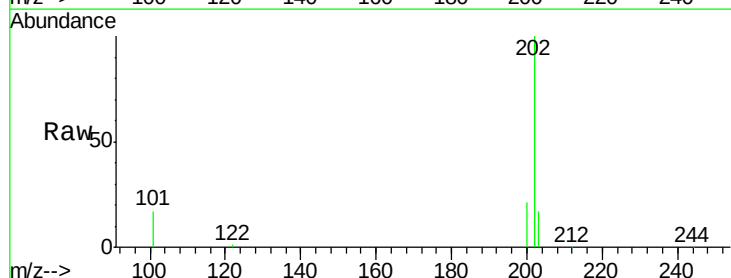
Tgt Ion:202 Resp: 144708

Ion Ratio Lower Upper

202 100

200 21.2 16.7 25.1

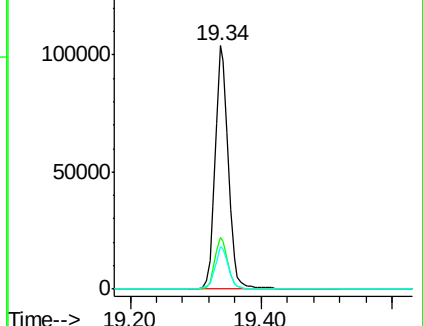
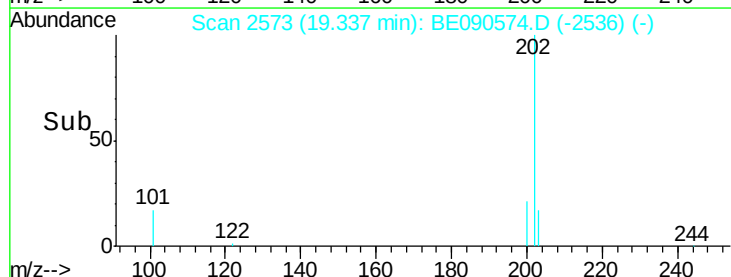
203 18.0 13.8 20.8

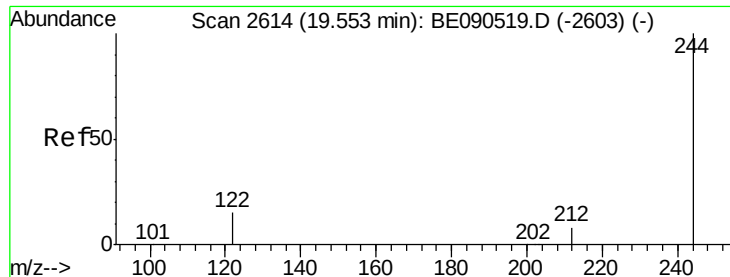


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Terphenyl-d14

Concen: 3.19 ng

RT: 19.55 min Scan# 2613

Delta R.T. -0.00 min

Lab File: BE090574.D

Acq: 20 Aug 2015 14:22

Instrument :

BNA_E

ClientSampleId :

PB85108BSD

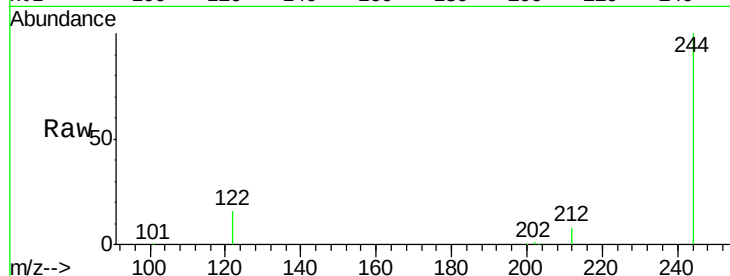
Tgt Ion:244 Resp: 90849

Ion Ratio Lower Upper

244 100

212 8.3 6.6 9.8

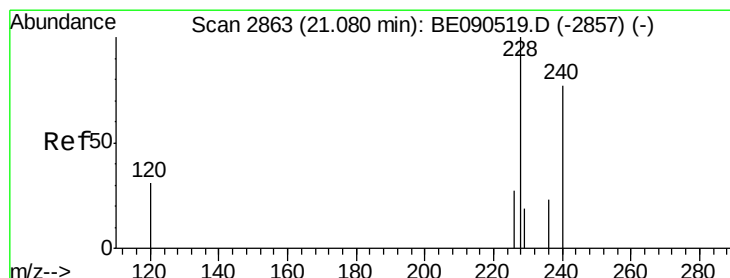
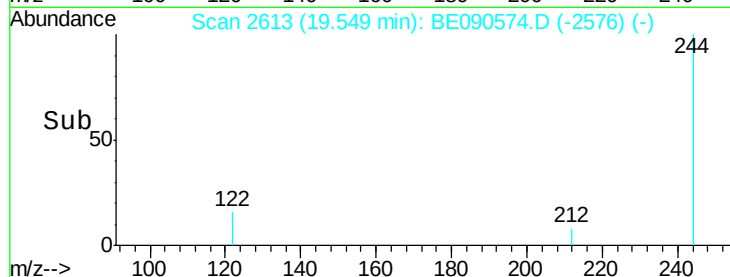
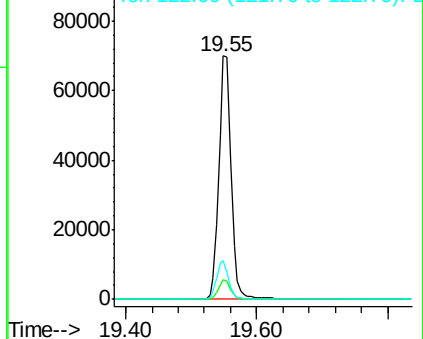
122 16.1 10.2 15.4#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#28

Benzo(a)anthracene

Concen: 3.32 ng

RT: 21.07 min Scan# 2861

Delta R.T. -0.01 min

Lab File: BE090574.D

Acq: 20 Aug 2015 14:22

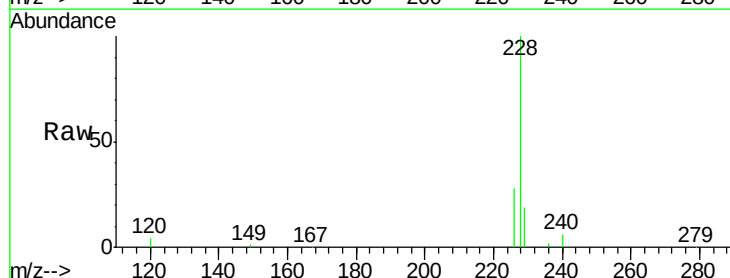
Tgt Ion:228 Resp: 136071

Ion Ratio Lower Upper

228 100

226 28.2 21.9 32.9

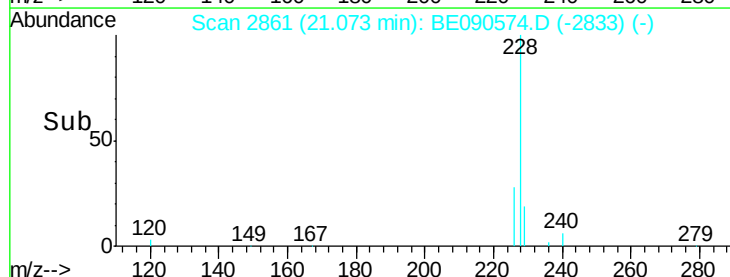
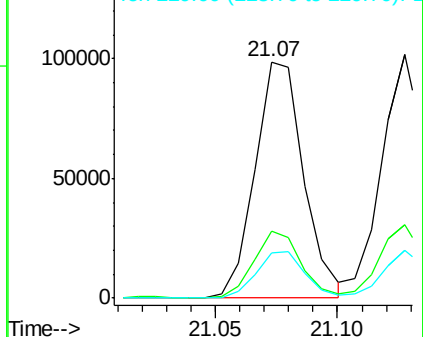
229 19.1 15.4 23.0

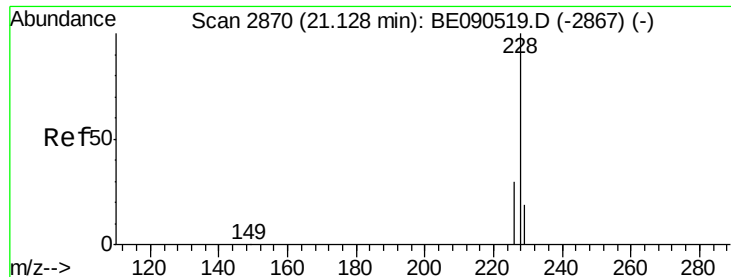


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#29

Chrysene

Concen: 3.35 ng

RT: 21.13 min Scan# 2869

Delta R.T. -0.00 min

Lab File: BE090574.D

Acq: 20 Aug 2015 14:22

Instrument :

BNA_E

ClientSampleId :

PB85108BSD

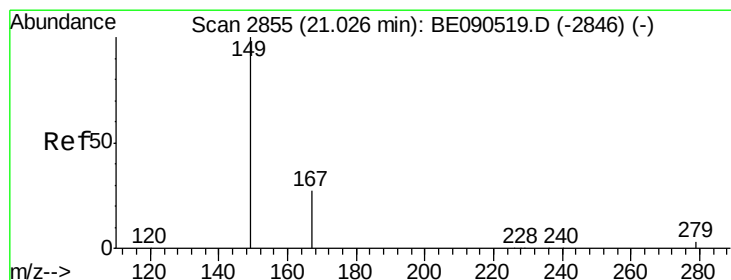
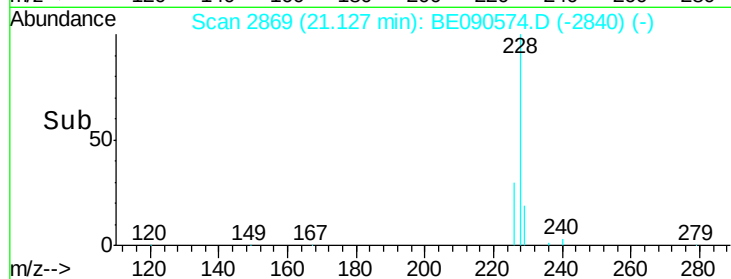
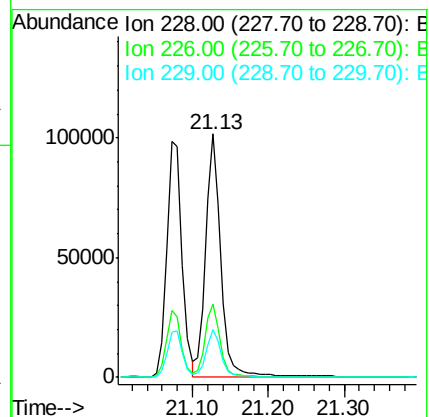
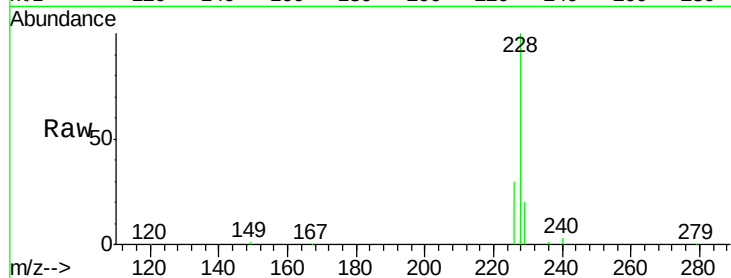
Tgt Ion:228 Resp: 140415

Ion Ratio Lower Upper

228 100

226 30.1 23.1 34.7

229 19.5 15.8 23.8



#30

Bis(2-ethylhexyl)phthalate

Concen: 3.91 ng

RT: 21.02 min Scan# 2853

Delta R.T. -0.01 min

Lab File: BE090574.D

Acq: 20 Aug 2015 14:22

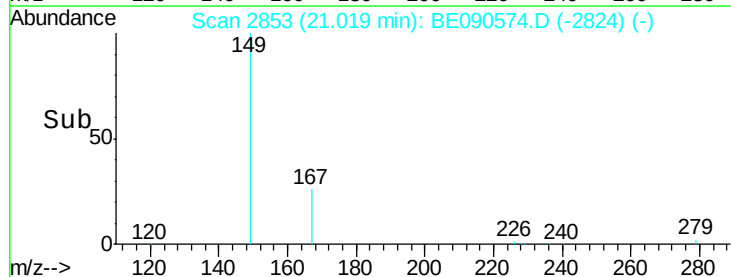
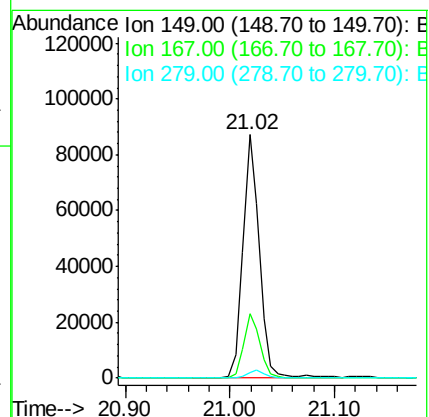
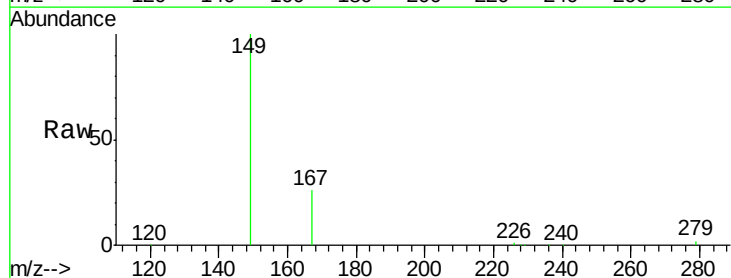
Tgt Ion:149 Resp: 94768

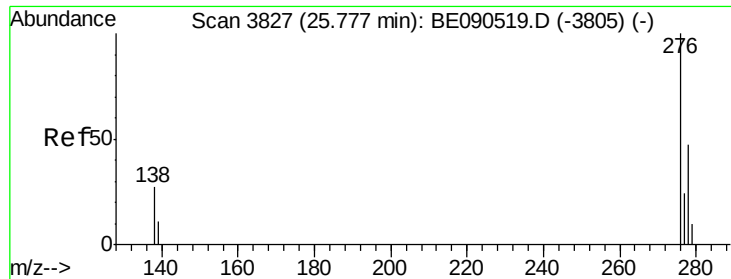
Ion Ratio Lower Upper

149 100

167 26.0 19.8 29.8

279 3.1 2.4 3.6





#31

Indeno(1,2,3-cd)pyrene

Concen: 3.46 ng

RT: 25.77 min Scan# 3826

Delta R.T. -0.00 min

Lab File: BE090574.D

Acq: 20 Aug 2015 14:22

Instrument :

BNA_E

ClientSampleId :

PB85108BSD

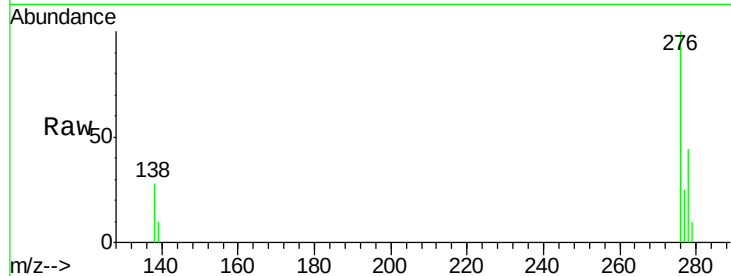
Tgt Ion: 276 Resp: 136622

Ion Ratio Lower Upper

276 100

138 29.8 18.8 28.2#

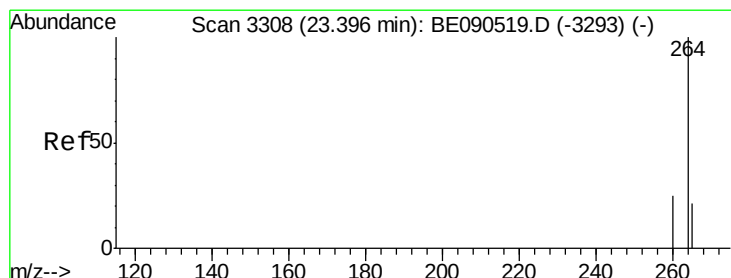
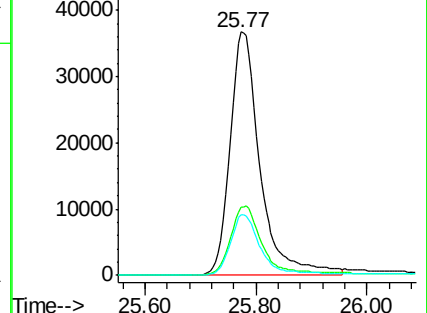
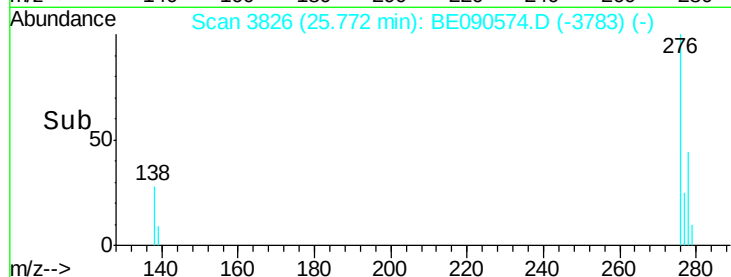
277 24.9 18.2 27.4



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: 23.39 min Scan# 3307

Delta R.T. -0.00 min

Lab File: BE090574.D

Acq: 20 Aug 2015 14:22

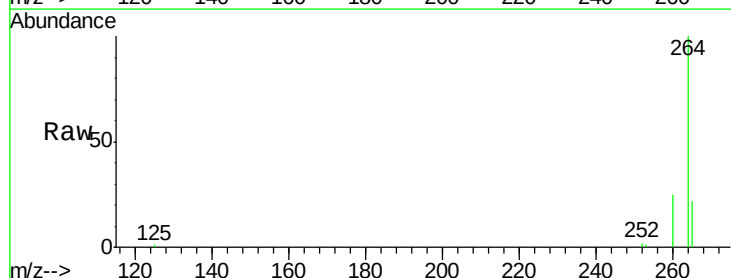
Tgt Ion: 264 Resp: 143543

Ion Ratio Lower Upper

264 100

260 24.9 20.1 30.1

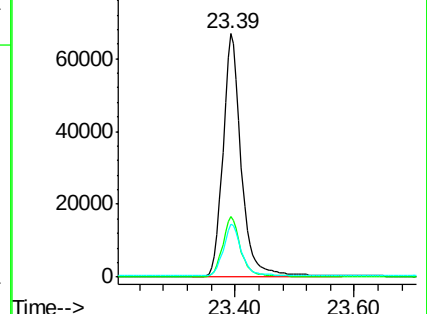
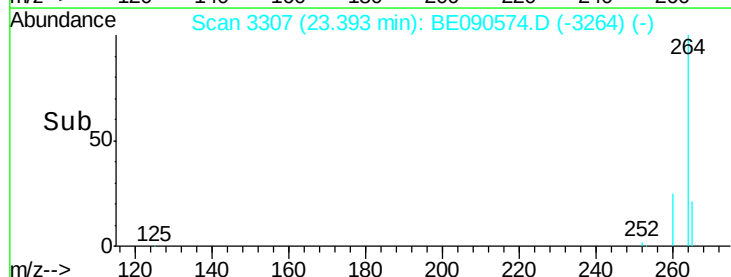
265 21.8 17.2 25.8

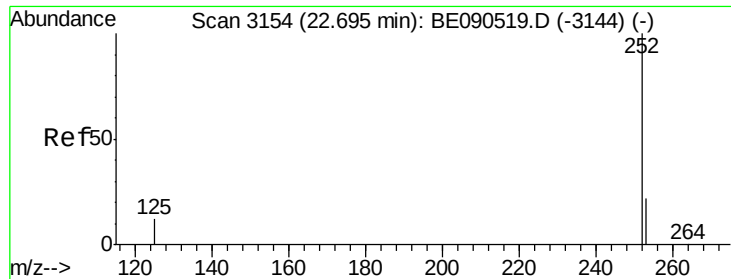


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#33

Benzo(b)fluoranthene

Concen: 3.60 ng

RT: 22.69 min Scan# 3153

Delta R.T. -0.00 min

Lab File: BE090574.D

Acq: 20 Aug 2015 14:22

Instrument :

BNA_E

ClientSampleId :

PB85108BSD

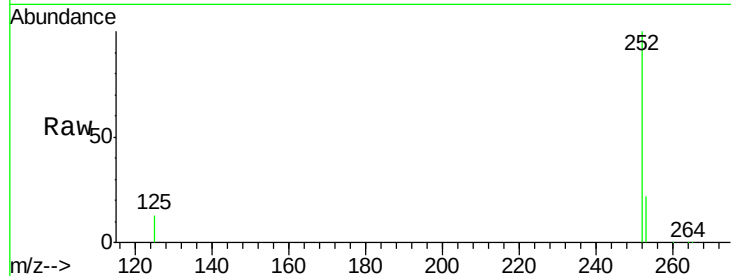
Tgt Ion:252 Resp: 122276

Ion Ratio Lower Upper

252 100

253 22.0 18.1 27.1

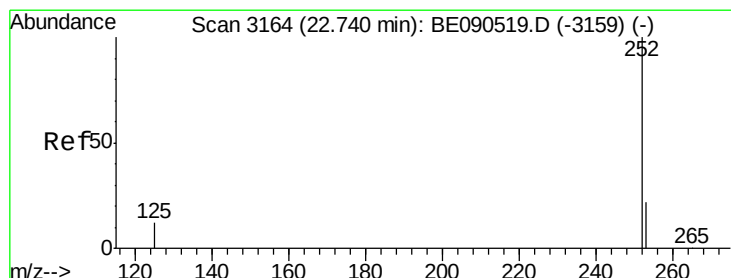
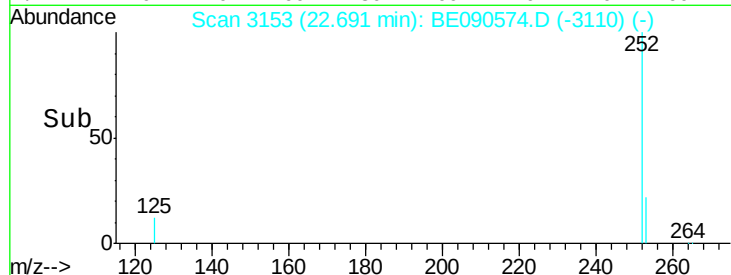
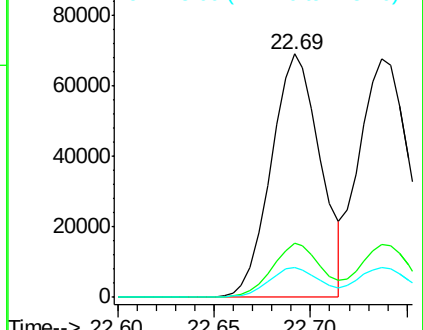
125 12.5 9.4 14.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#34

Benzo(k)fluoranthene

Concen: 3.50 ng

RT: 22.74 min Scan# 3163

Delta R.T. -0.00 min

Lab File: BE090574.D

Acq: 20 Aug 2015 14:22

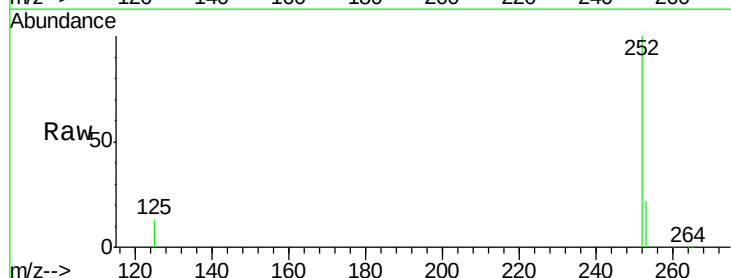
Tgt Ion:252 Resp: 134986

Ion Ratio Lower Upper

252 100

253 22.0 18.1 27.1

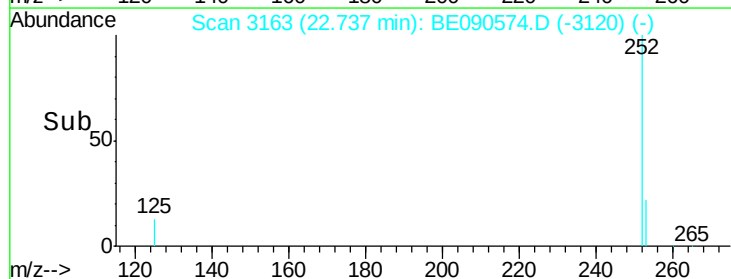
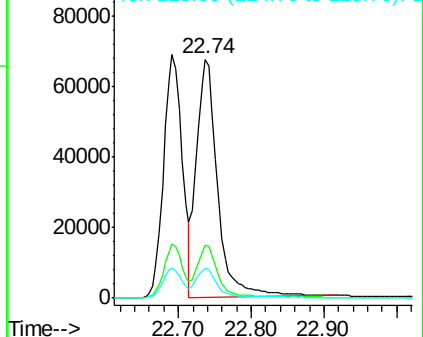
125 12.8 9.1 13.7

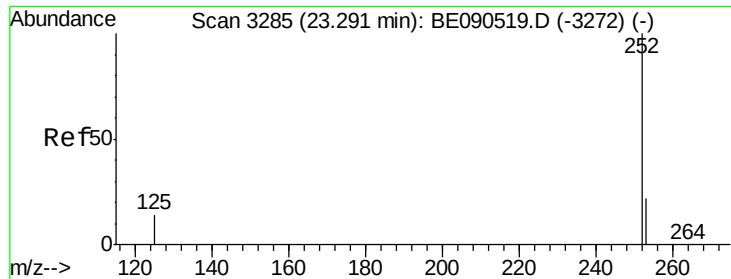


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#35

Benzo(a)pyrene

Concen: 3.70 ng

RT: 23.29 min Scan# 3284

Delta R.T. -0.00 min

Lab File: BE090574.D

Acq: 20 Aug 2015 14:22

Instrument :

BNA_E

ClientSampleId :

PB85108BSD

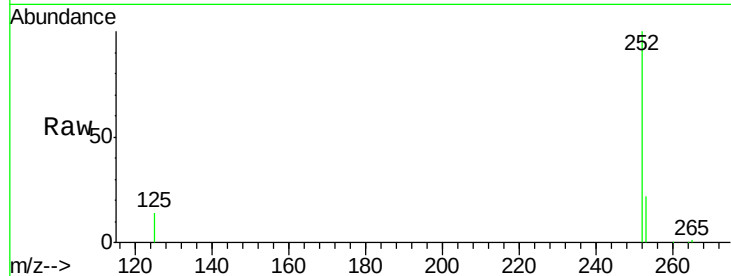
Tgt Ion:252 Resp: 117780

Ion Ratio Lower Upper

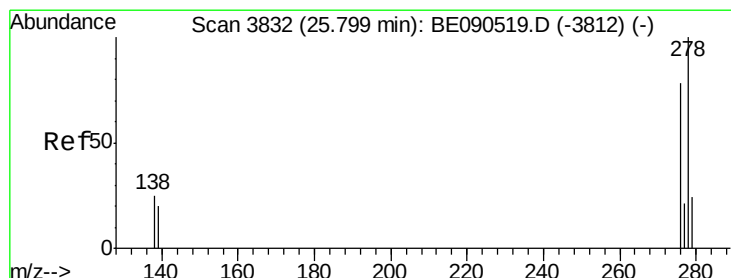
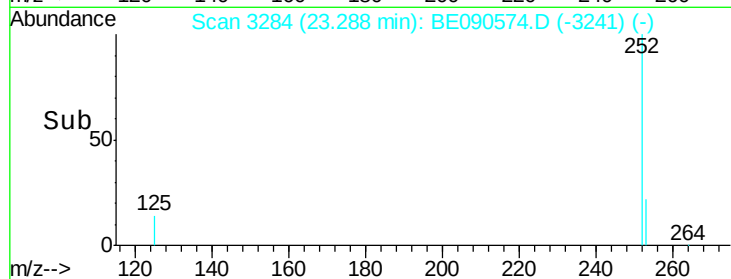
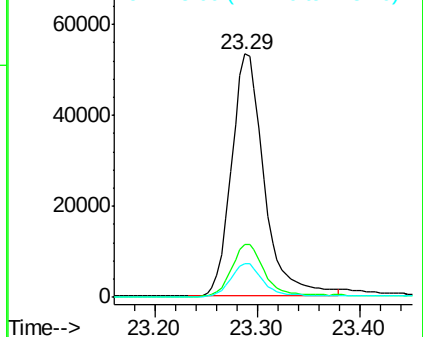
252 100

253 21.9 17.6 26.4

125 14.0 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: 3.58 ng

RT: 25.79 min Scan# 3830

Delta R.T. -0.01 min

Lab File: BE090574.D

Acq: 20 Aug 2015 14:22

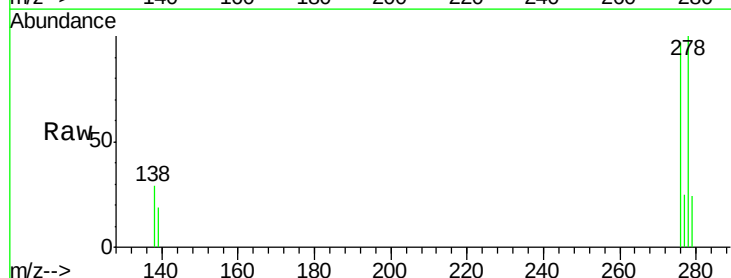
Tgt Ion:278 Resp: 109925

Ion Ratio Lower Upper

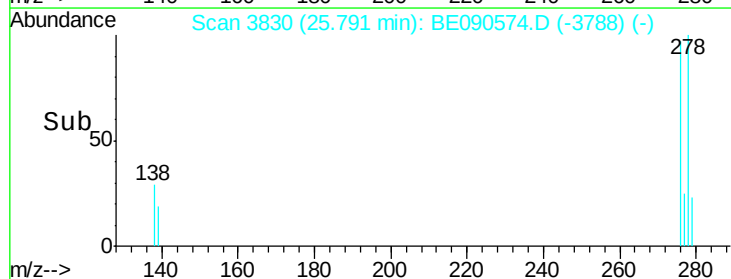
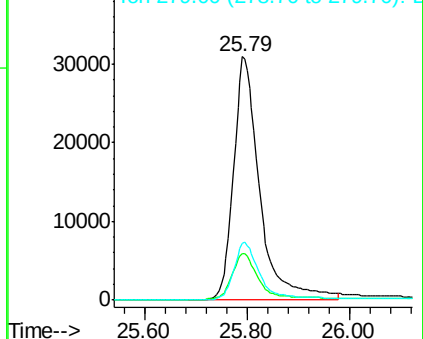
278 100

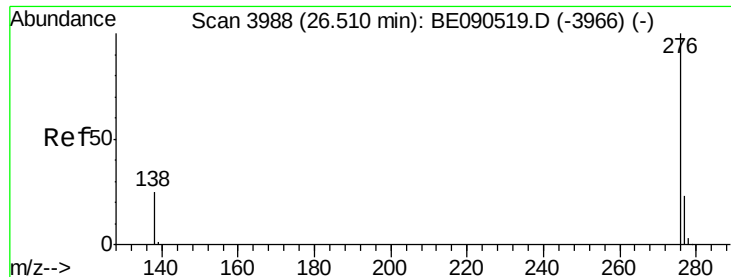
139 19.3 14.2 21.4

279 23.5 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: 3.57 ng

RT: 26.51 min Scan# 3987

Delta R.T. -0.00 min

Lab File: BE090574.D

Acq: 20 Aug 2015 14:22

Instrument :

BNA_E

ClientSampleId :

PB85108BSD

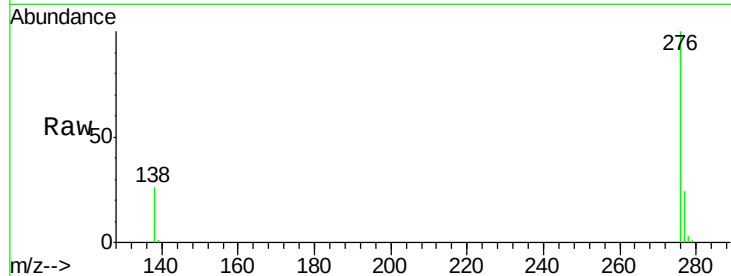
Tgt Ion: 276 Resp: 119772

Ion Ratio Lower Upper

276 100

277 24.0 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

