

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081815\
 Data File : BE090555.D
 Acq On : 18 Aug 2015 15:43
 Operator : UM/IZ
 Sample : PB85070BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB85070BS

Quant Time: Aug 19 02:31:36 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

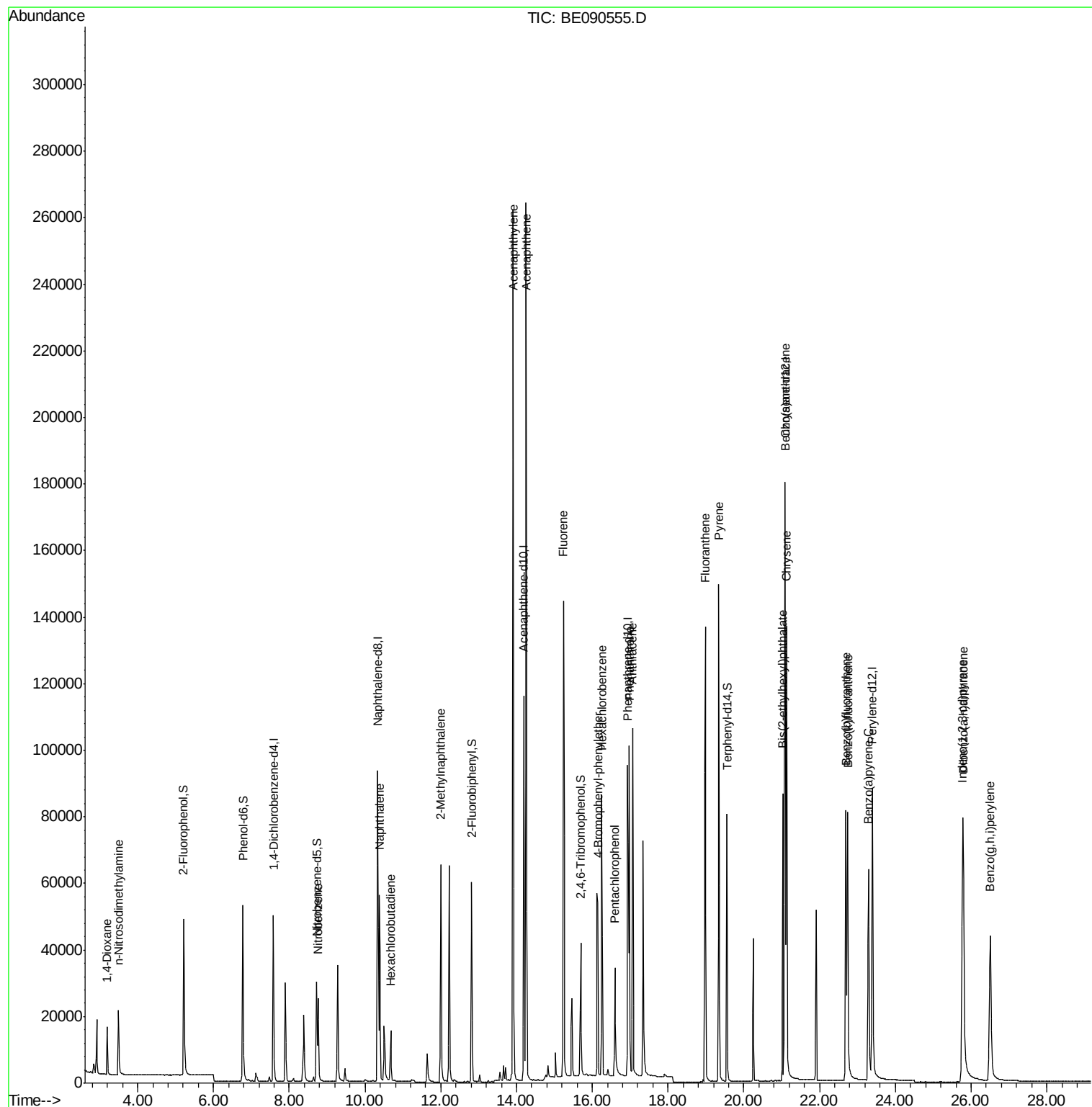
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	23974	5.00	ng	0.00
6) Naphthalene-d8	10.33	136	123302	5.00	ng	0.00
12) Acenaphthene-d10	14.19	164	67027	5.00	ng	0.00
18) Phenanthrene-d10	16.93	188	142875	5.00	ng	-0.02
25) Chrysene-d12	21.09	240	144000	5.00	ng	0.00
32) Perylene-d12	23.40	264	129604	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.22	112	41730	6.02	ng	0.00
5) Phenol-d6	6.77	99	64960	6.37	ng	0.00
7) Nitrobenzene-d5	8.72	82	29227	2.97	ng	0.00
13) 2,4,6-Tribromophenol	15.69	330	18284	7.09	ng	-0.02
14) 2-Fluorobiphenyl	12.81	172	58464	2.92	ng	0.00
27) Terphenyl-d14	19.55	244	85017	3.23	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.20	88	8165	2.98	ng	95
3) n-Nitrosodimethylamine	3.49	42	11123	2.69	ng	# 73
8) Nitrobenzene	8.76	77	29396	2.89	ng	93
9) Naphthalene	10.38	128	76154	2.72	ng	98
10) Hexachlorobutadiene	10.68	225	10875	2.64	ng	99
11) 2-Methylnaphthalene	12.00	142	51785	2.84	ng	97
15) Acenaphthylene	13.91	152	345193	2.82	ng	100
16) Acenaphthene	14.25	154	52182	2.83	ng	# 77
17) Fluorene	15.24	166	66971	2.97	ng	97
19) 4-Bromophenyl-phenylether	16.14	248	18078	3.10	ng	80
20) Hexachlorobenzene	16.25	284	79002	3.05	ng	96
21) Pentachlorophenol	16.60	266	18094	5.79	ng	91
22) Phenanthrene	16.98	178	111091	2.96	ng	100
23) Anthracene	17.07	178	112438	3.26	ng	100
24) Fluoranthene	18.98	202	129008	3.23	ng	99
26) Pyrene	19.34	202	136422	3.31	ng	99
28) Benzo(a)anthracene	21.08	228	120314	3.17	ng	99
29) Chrysene	21.13	228	122947	3.18	ng	97
30) Bis(2-ethylhexyl)phthalate	21.03	149	75643	3.39	ng	98
31) Indeno(1,2,3-cd)pyrene	25.77	276	117680	3.23	ng	# 92
33) Benzo(b)fluoranthene	22.69	252	107719	3.51	ng	98
34) Benzo(k)fluoranthene	22.74	252	114712	3.30	ng	98
35) Benzo(a)pyrene	23.29	252	101706	3.54	ng	98
36) Dibenzo(a,h)anthracene	25.79	278	93483	3.37	ng	97
37) Benzo(g,h,i)perylene	26.51	276	103365	3.41	ng	95

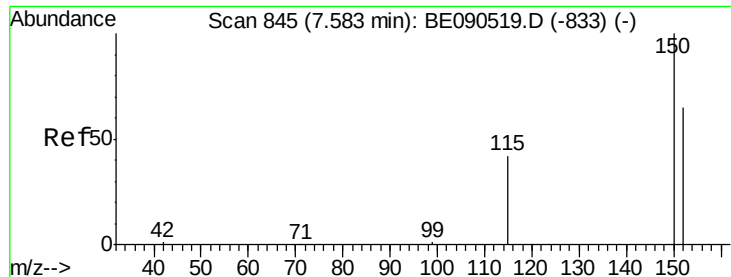
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081815\
Data File : BE090555.D
Acq On : 18 Aug 2015 15:43
Operator : UM/IZ
Sample : PB85070BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB85070BS

Quant Time: Aug 19 02:31:36 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



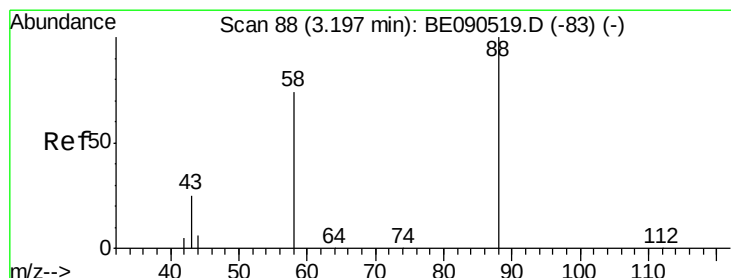
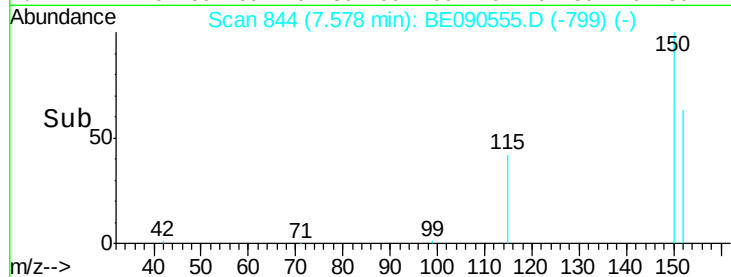
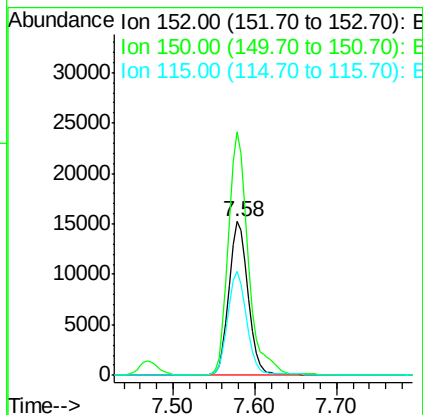
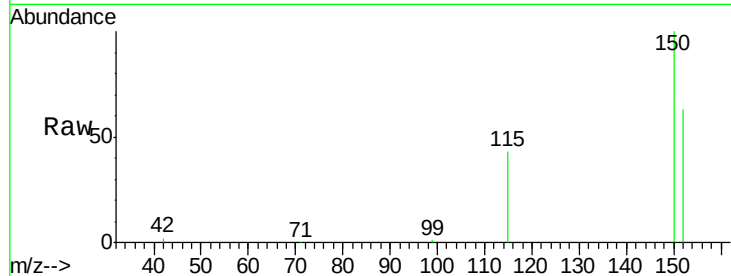


#1

1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.58 min Scan# 844
Delta R.T. 0.00 min
Lab File: BE090555.D
Acq: 18 Aug 2015 15:43

Instrument :
BNA_E
ClientSampleId :
PB85070BS

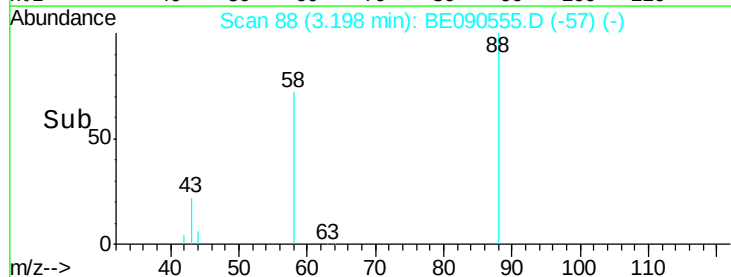
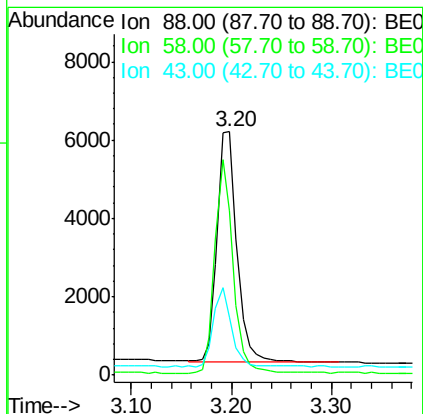
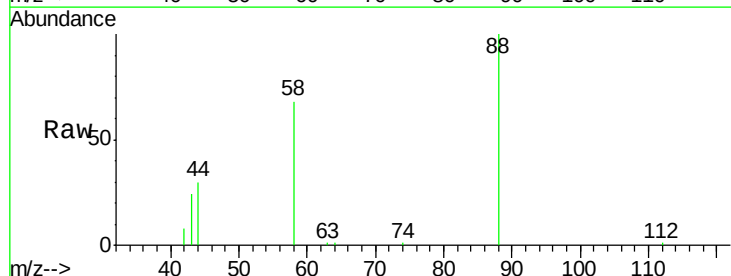
Tgt Ion:152 Resp: 23974
Ion Ratio Lower Upper
152 100
150 158.5 123.0 184.4
115 67.7 48.9 73.3

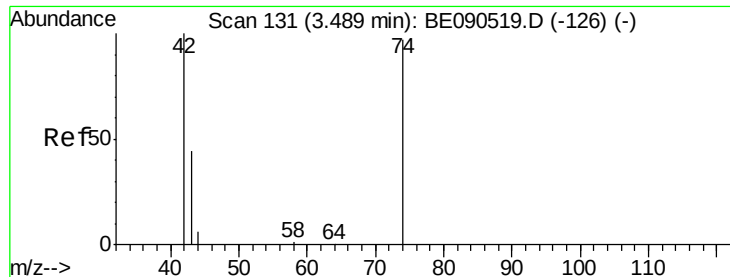


#2

1,4-Dioxane
Concen: 2.98 ng
RT: 3.20 min Scan# 88
Delta R.T. 0.01 min
Lab File: BE090555.D
Acq: 18 Aug 2015 15:43

Tgt Ion: 88 Resp: 8165
Ion Ratio Lower Upper
88 100
58 83.6 70.0 105.0
43 30.4 28.4 42.6





#3

n-Nitrosodimethylamine

Concen: 2.69 ng

RT: 3.49 min Scan# 131

Delta R.T. 0.01 min

Lab File: BE090555.D

Acq: 18 Aug 2015 15:43

Instrument :

BNA_E

ClientSampleId :

PB85070BS

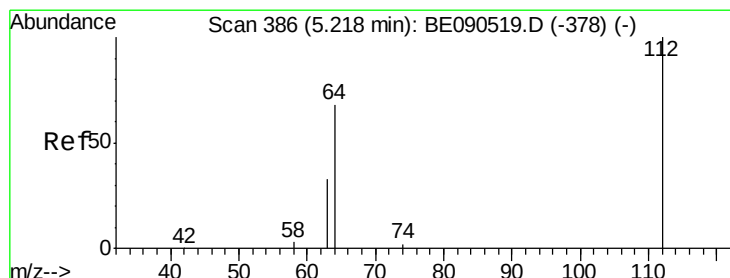
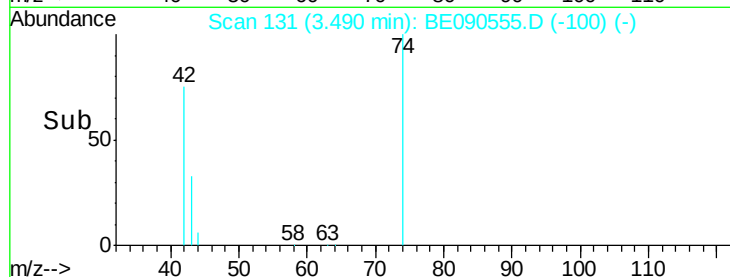
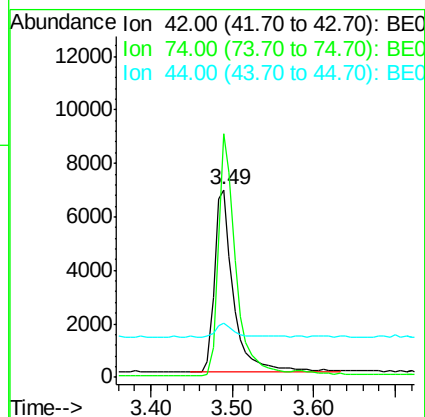
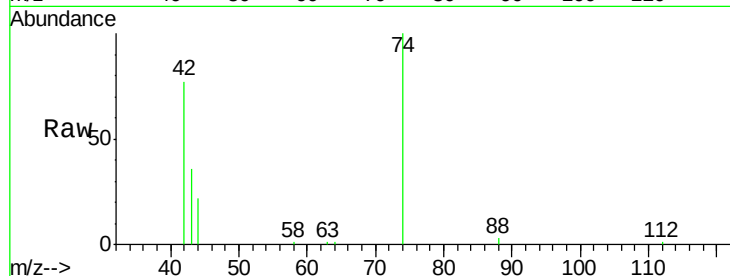
Tgt Ion: 42 Resp: 11123

Ion Ratio Lower Upper

42 100

74 121.8 75.2 112.8#

44 7.3 8.7 13.1#



#4

2-Fluorophenol

Concen: 6.02 ng

RT: 5.22 min Scan# 386

Delta R.T. 0.01 min

Lab File: BE090555.D

Acq: 18 Aug 2015 15:43

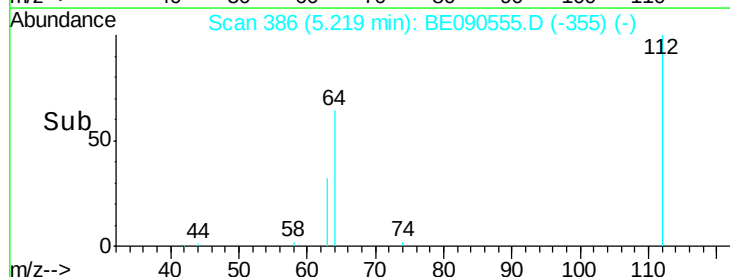
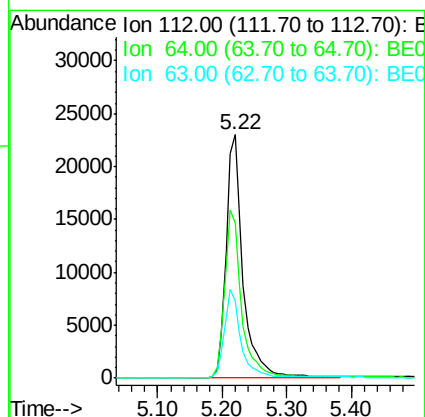
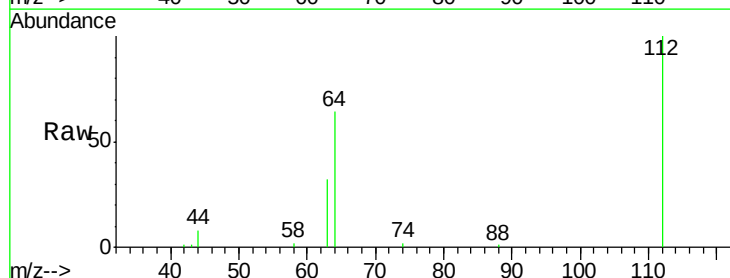
Tgt Ion: 112 Resp: 41730

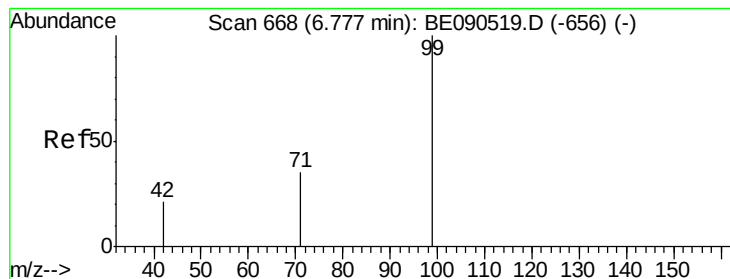
Ion Ratio Lower Upper

112 100

64 68.8 37.1 55.7#

63 35.4 19.5 29.3#





#5

Phenol-d6

Concen: 6.37 ng

RT: 6.77 min Scan# 667

Delta R.T. -0.00 min

Lab File: BE090555.D

Acq: 18 Aug 2015 15:43

Instrument :

BNA_E

ClientSampleId :

PB85070BS

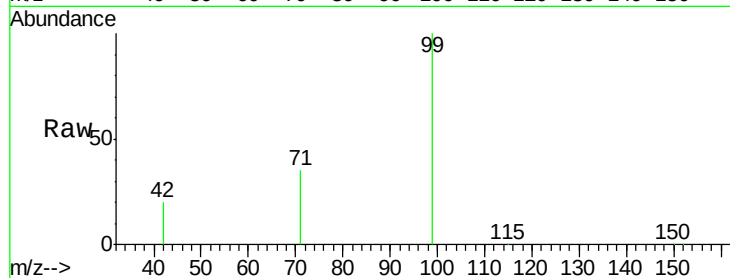
Tgt Ion: 99 Resp: 64960

Ion Ratio Lower Upper

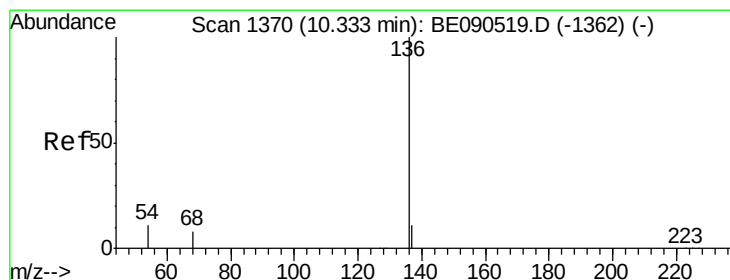
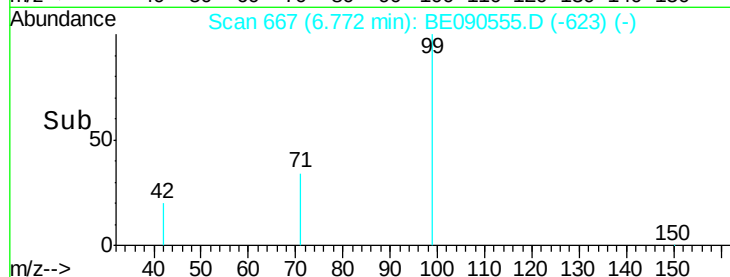
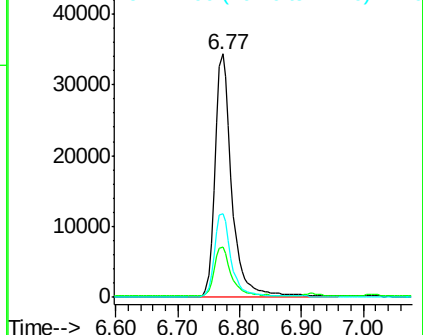
99 100

42 20.7 18.2 27.4

71 34.9 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: BE090555.D

Acq: 18 Aug 2015 15:43

Tgt Ion: 136 Resp: 123302

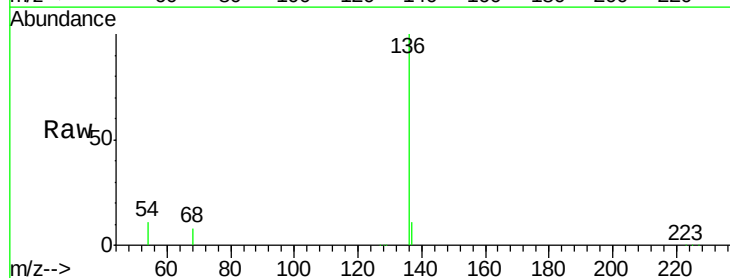
Ion Ratio Lower Upper

136 100

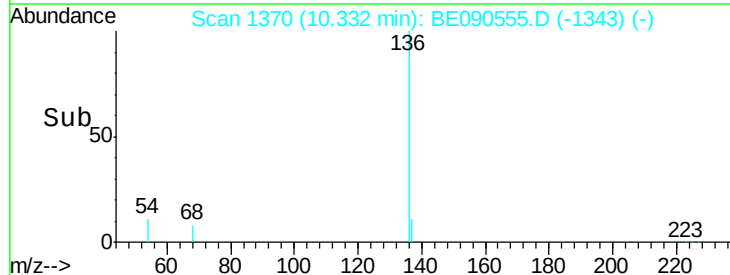
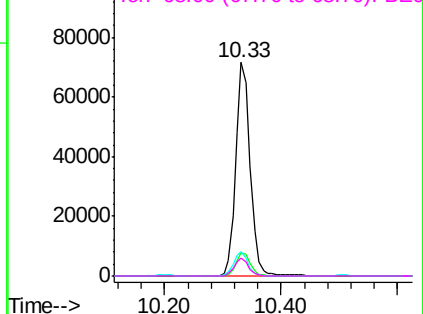
137 10.9 8.7 13.1

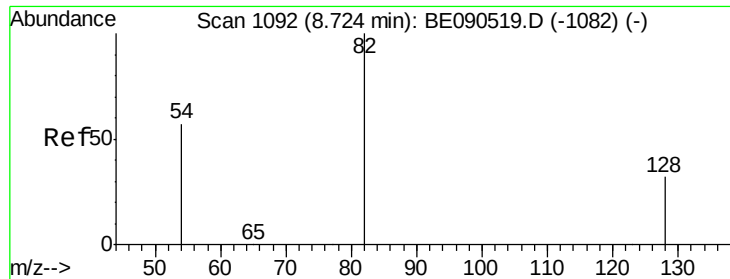
54 11.3 9.4 14.0

68 8.3 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: 2.97 ng

RT: 8.72 min Scan# 1091

Delta R.T. 0.00 min

Lab File: BE090555.D

Acq: 18 Aug 2015 15:43

Instrument :

BNA_E

ClientSampleId :

PB85070BS

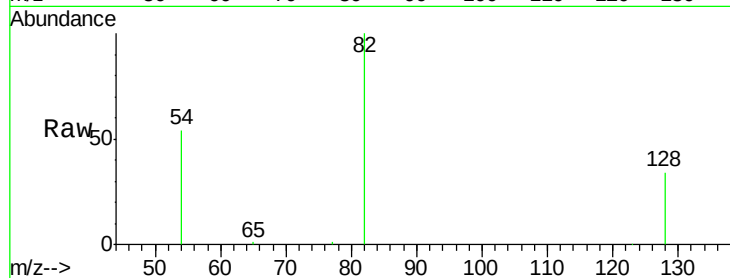
Tgt Ion: 82 Resp: 29227

Ion Ratio Lower Upper

82 100

128 34.0 25.0 37.6

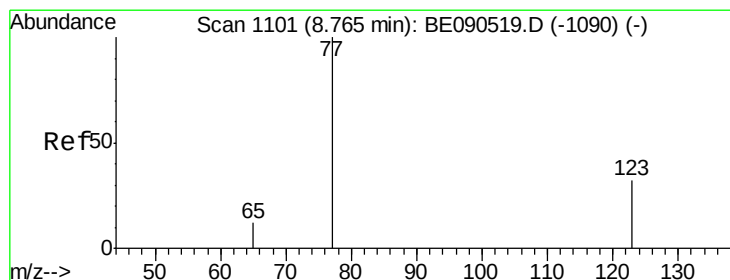
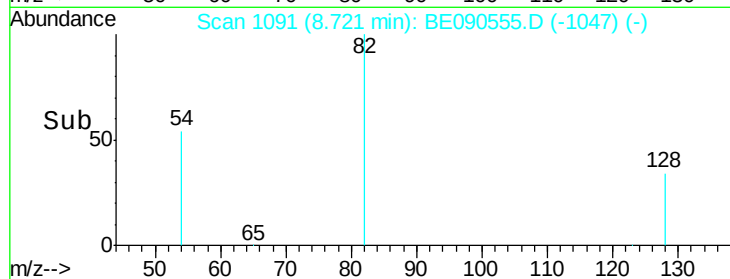
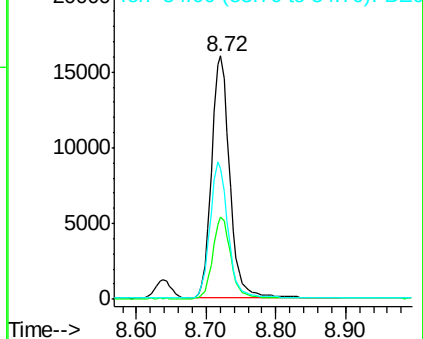
54 53.8 48.8 73.2



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: 2.89 ng

RT: 8.76 min Scan# 1100

Delta R.T. 0.00 min

Lab File: BE090555.D

Acq: 18 Aug 2015 15:43

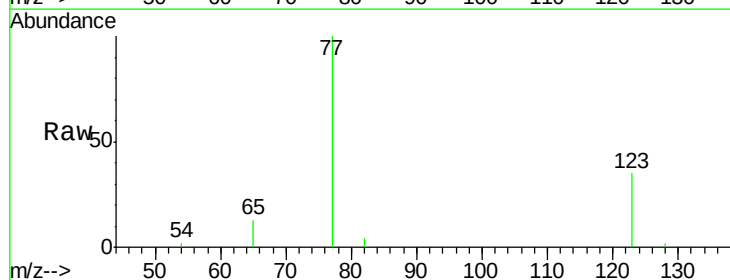
Tgt Ion: 77 Resp: 29396

Ion Ratio Lower Upper

77 100

123 35.8 25.1 37.7

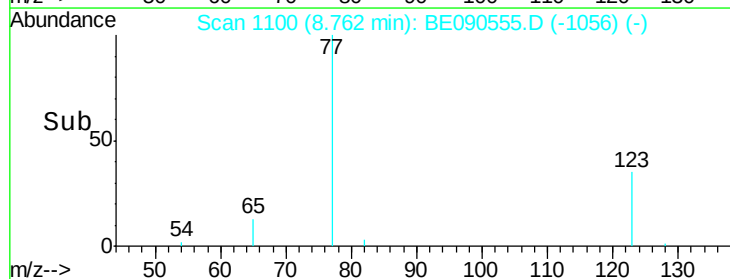
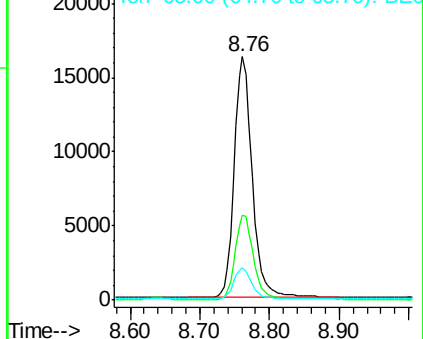
65 13.1 9.3 13.9

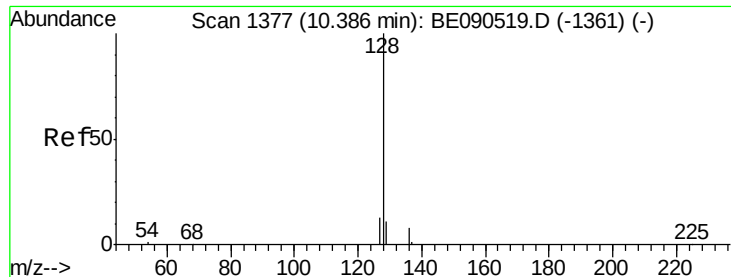


Abundance Ion 77.00 (76.70 to 77.70): BE0

Ion 123.00 (122.70 to 123.70): BE0

Ion 65.00 (64.70 to 65.70): BE0





#9

Naphthalene

Concen: 2.72 ng

RT: 10.38 min Scan# 1377

Delta R.T. 0.00 min

Lab File: BE090555.D

Acq: 18 Aug 2015 15:43

Instrument :

BNA_E

ClientSampleId :

PB85070BS

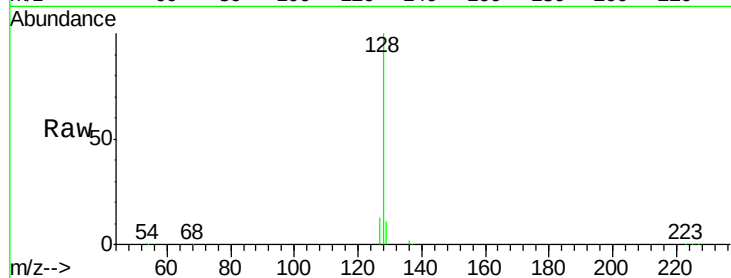
Tgt Ion:128 Resp: 76154

Ion Ratio Lower Upper

128 100

129 11.2 9.8 14.6

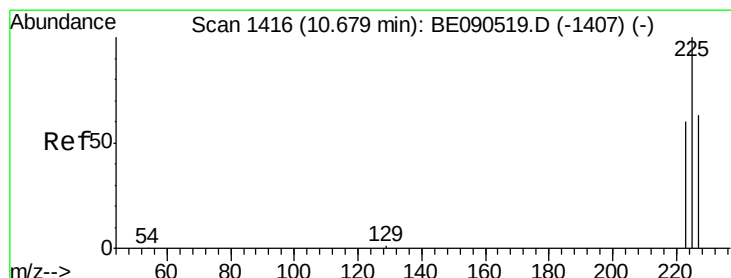
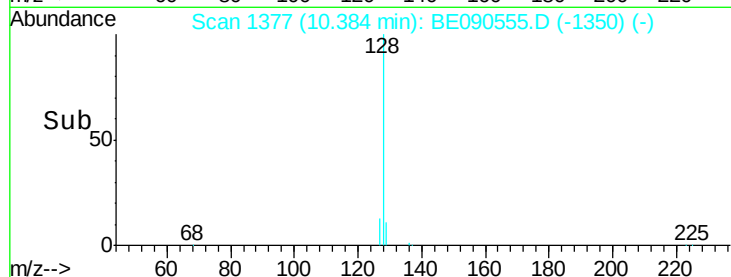
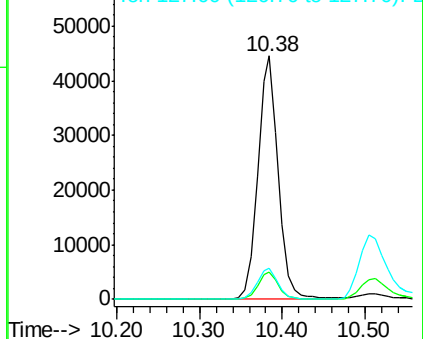
127 13.0 10.6 16.0



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: 2.64 ng

RT: 10.68 min Scan# 1416

Delta R.T. 0.00 min

Lab File: BE090555.D

Acq: 18 Aug 2015 15:43

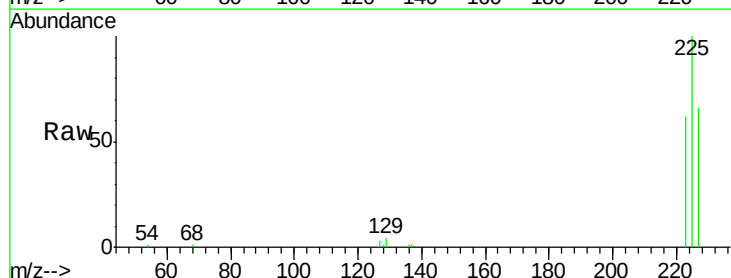
Tgt Ion:225 Resp: 10875

Ion Ratio Lower Upper

225 100

223 63.1 50.6 75.8

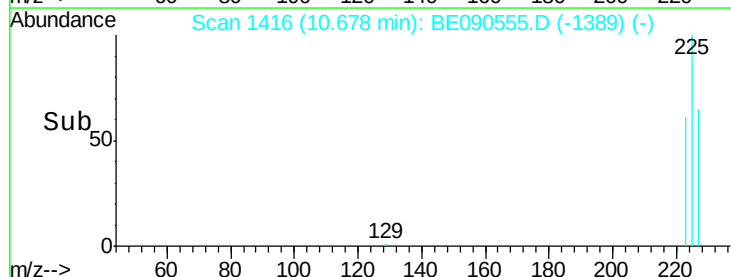
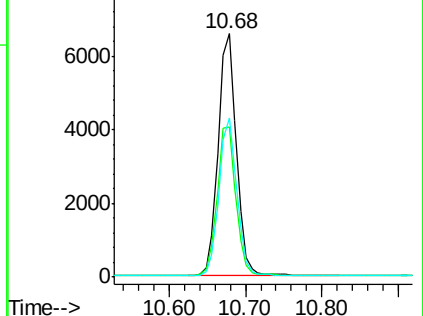
227 64.2 50.7 76.1

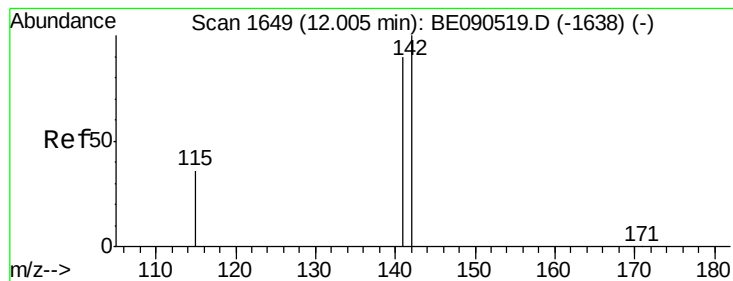


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene

Concen: 2.84 ng

RT: 12.00 min Scan# 1648

Delta R.T. -0.00 min

Lab File: BE090555.D

Acq: 18 Aug 2015 15:43

Instrument :

BNA_E

ClientSampleId :

PB85070BS

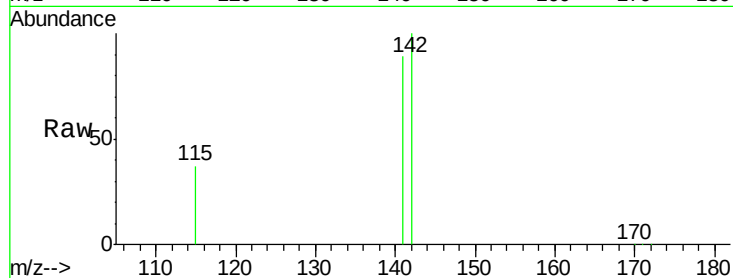
Tgt Ion:142 Resp: 51785

Ion Ratio Lower Upper

142 100

141 88.7 72.6 109.0

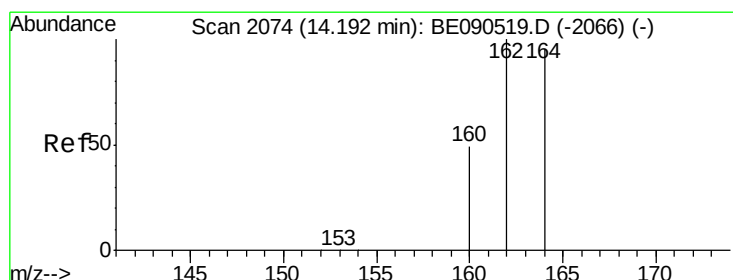
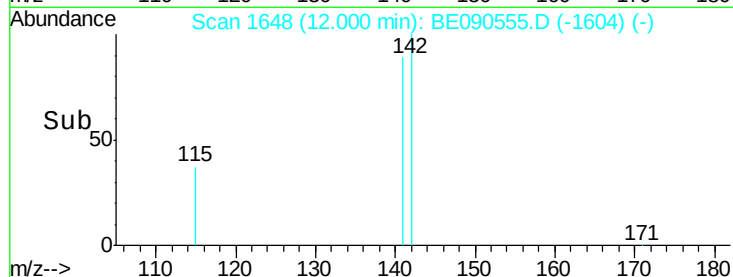
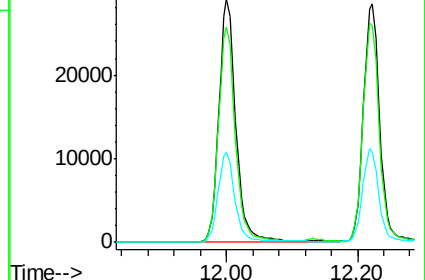
115 36.9 31.6 47.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.19 min Scan# 2074

Delta R.T. 0.00 min

Lab File: BE090555.D

Acq: 18 Aug 2015 15:43

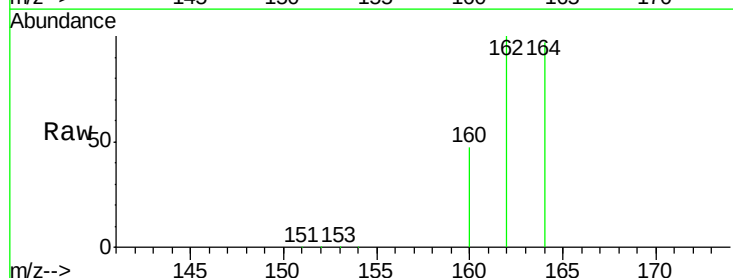
Tgt Ion:164 Resp: 67027

Ion Ratio Lower Upper

164 100

162 103.4 81.8 122.8

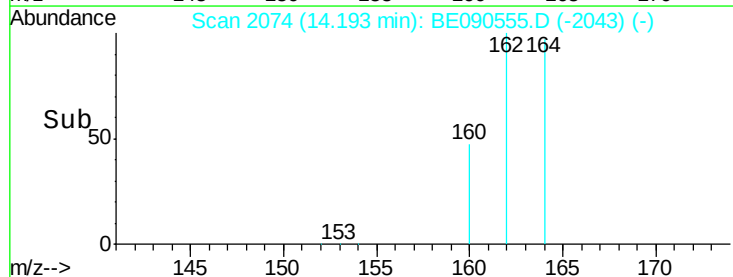
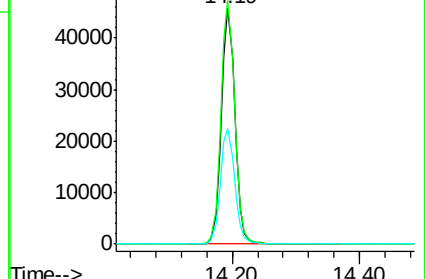
160 49.1 44.2 66.4

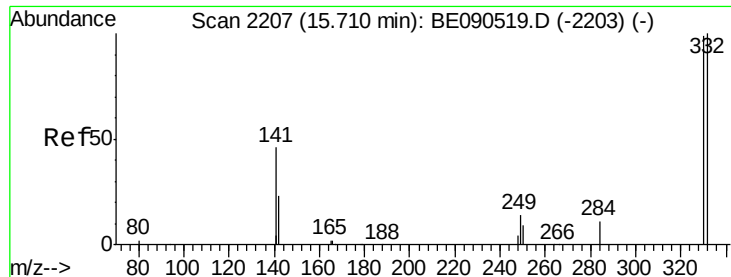


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

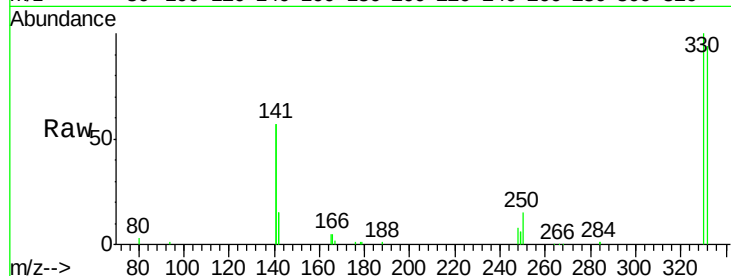




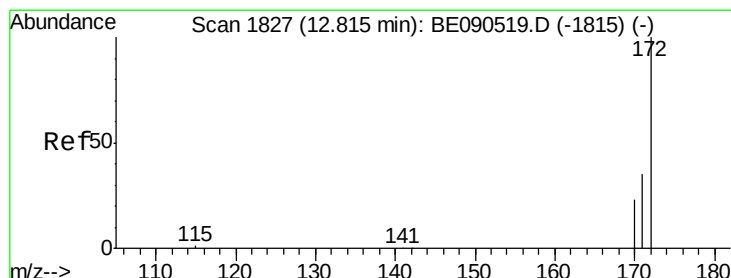
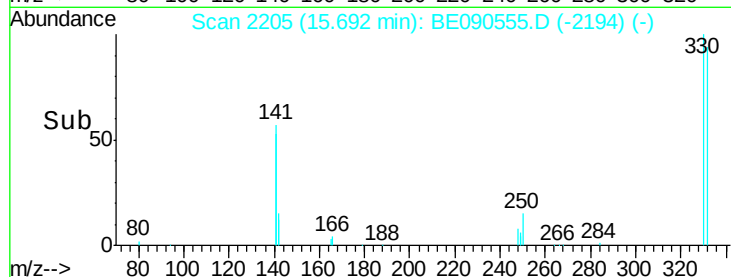
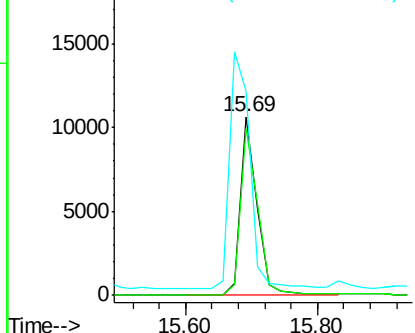
#13
 2,4,6-Tribromophenol
 Concen: 7.09 ng
 RT: 15.69 min Scan# 2205
 Delta R.T. -0.02 min
 Lab File: BE090555.D
 Acq: 18 Aug 2015 15:43

Instrument :
 BNA_E
 ClientSampleId :
 PB85070BS

Tgt Ion:330 Resp: 18284
 Ion Ratio Lower Upper
 330 100
 332 97.0 75.8 113.6
 141 163.9 114.4 171.6

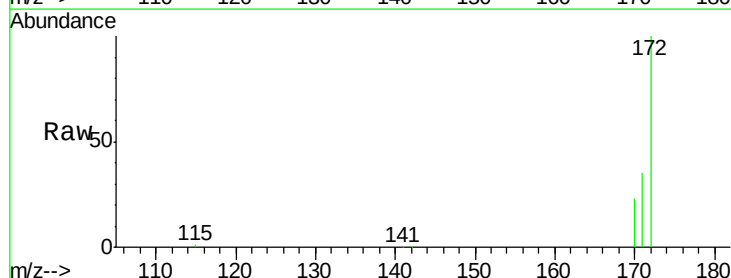


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

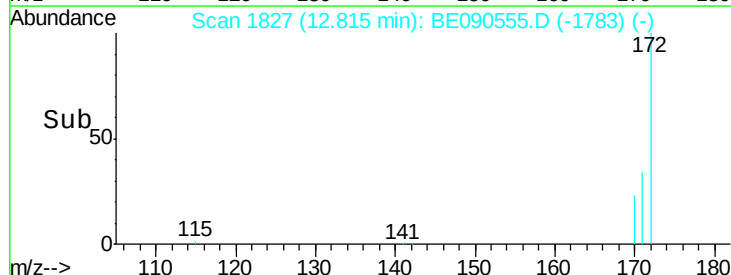
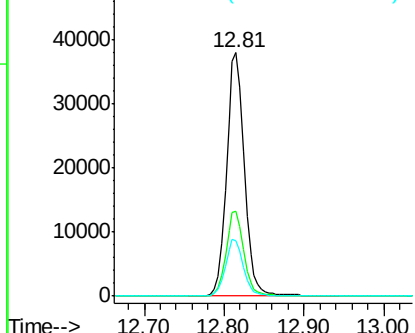


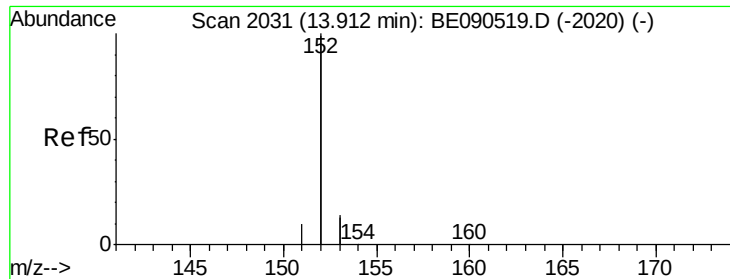
#14
 2-Fluorobiphenyl
 Concen: 2.92 ng
 RT: 12.81 min Scan# 1827
 Delta R.T. -0.00 min
 Lab File: BE090555.D
 Acq: 18 Aug 2015 15:43

Tgt Ion:172 Resp: 58464
 Ion Ratio Lower Upper
 172 100
 171 34.6 28.5 42.7
 170 23.0 19.8 29.8



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#15

Acenaphthylene

Concen: 2.82 ng

RT: 13.91 min Scan# 2030

Delta R.T. 0.00 min

Lab File: BE090555.D

Acq: 18 Aug 2015 15:43

Instrument :

BNA_E

ClientSampleId :

PB85070BS

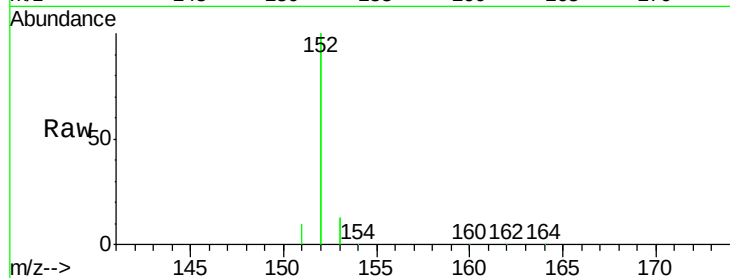
Tgt Ion:152 Resp: 345193

Ion Ratio Lower Upper

152 100

151 4.9 3.8 5.8

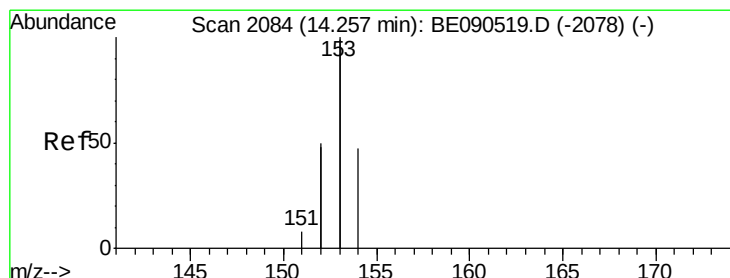
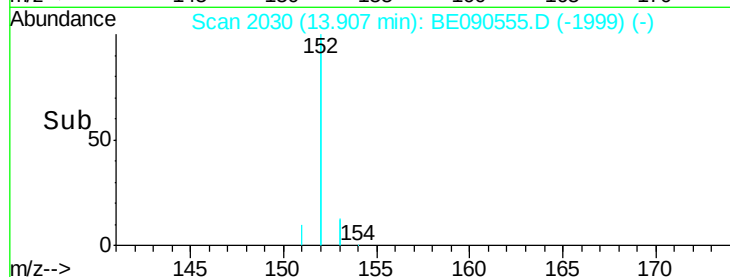
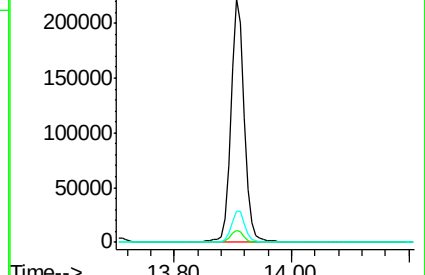
153 13.0 10.3 15.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#16

Acenaphthene

Concen: 2.83 ng

RT: 14.25 min Scan# 2083

Delta R.T. 0.00 min

Lab File: BE090555.D

Acq: 18 Aug 2015 15:43

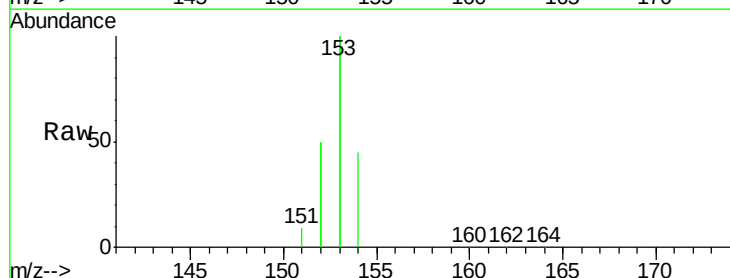
Tgt Ion:154 Resp: 52182

Ion Ratio Lower Upper

154 100

153 435.4 376.2 564.2

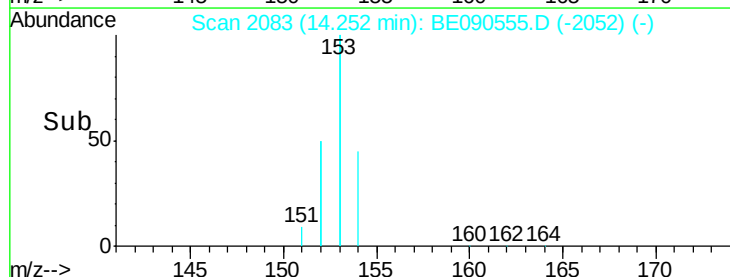
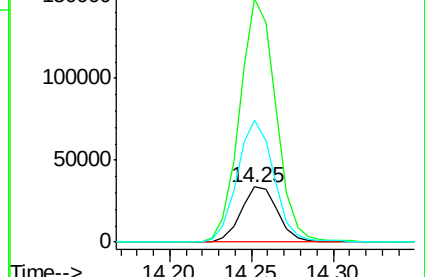
152 221.3 235.0 352.4#

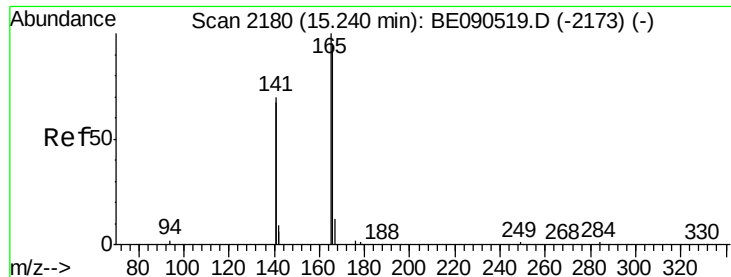


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

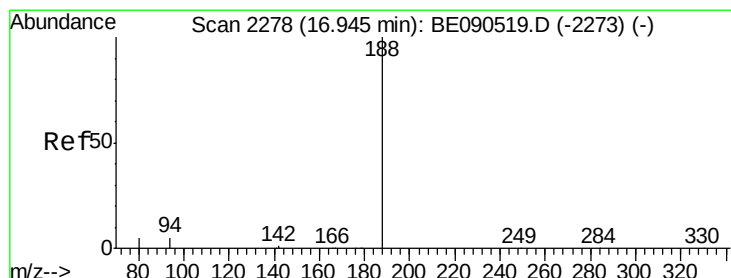
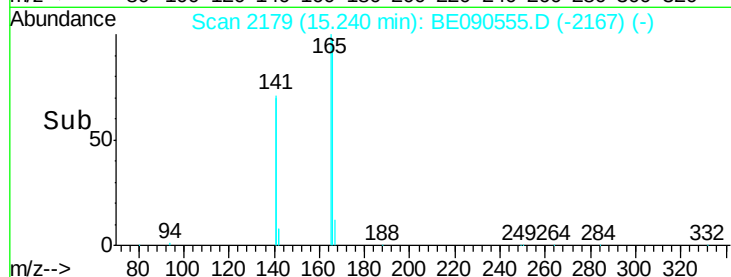
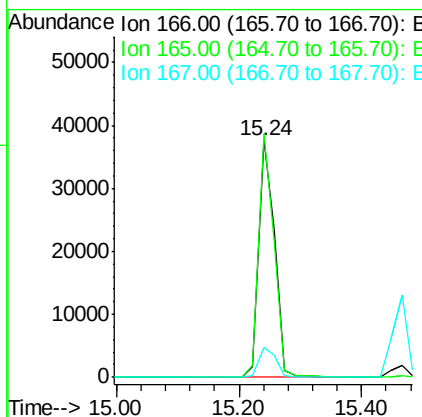
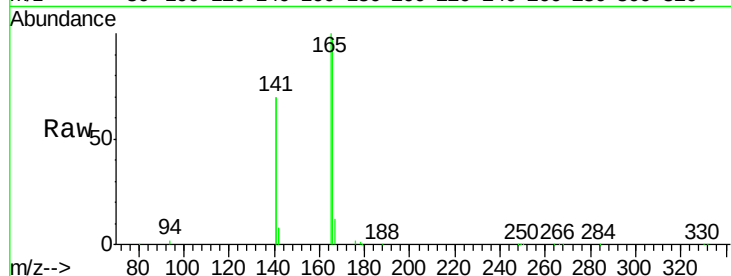




#17
Fluorene
 Concen: 2.97 ng
 RT: 15.24 min Scan# 2179
 Delta R.T. 0.00 min
 Lab File: BE090555.D
 Acq: 18 Aug 2015 15:43

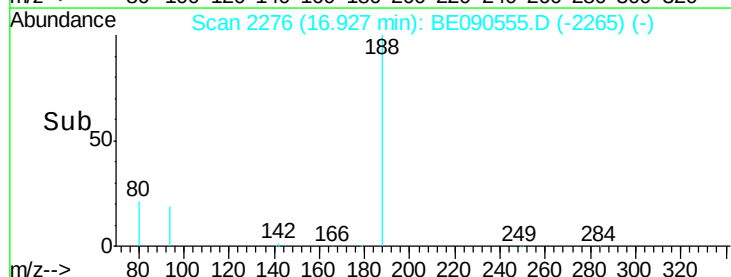
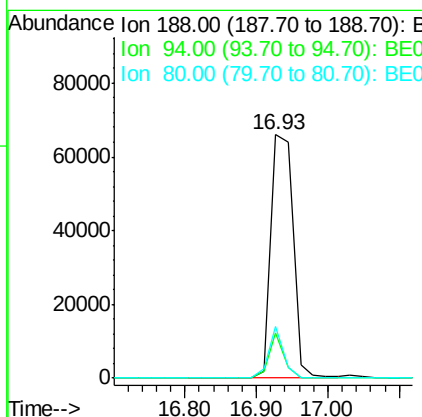
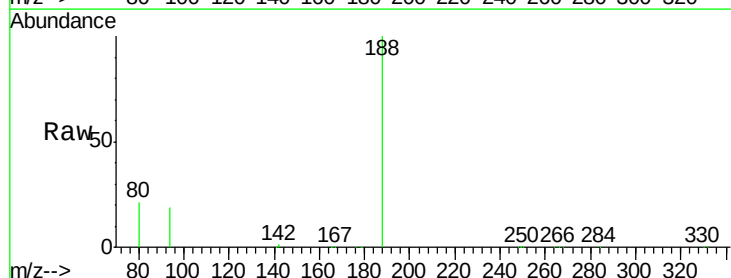
Instrument :
 BNA_E
 ClientSampleId :
 PB85070BS

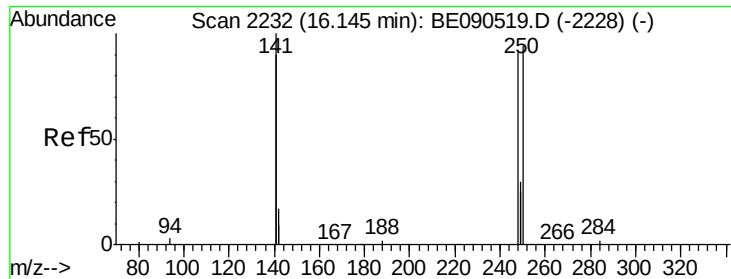
Tgt Ion:166 Resp: 66971
 Ion Ratio Lower Upper
 166 100
 165 99.2 81.5 122.3
 167 13.4 11.4 17.0



#18
Phenanthrene-d10
 Concen: 5.00 ng
 RT: 16.93 min Scan# 2276
 Delta R.T. -0.02 min
 Lab File: BE090555.D
 Acq: 18 Aug 2015 15:43

Tgt Ion:188 Resp: 142875
 Ion Ratio Lower Upper
 188 100
 94 18.8 5.7 8.5#
 80 21.0 5.8 8.8#

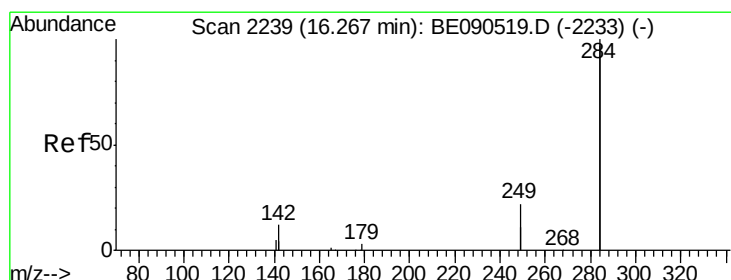
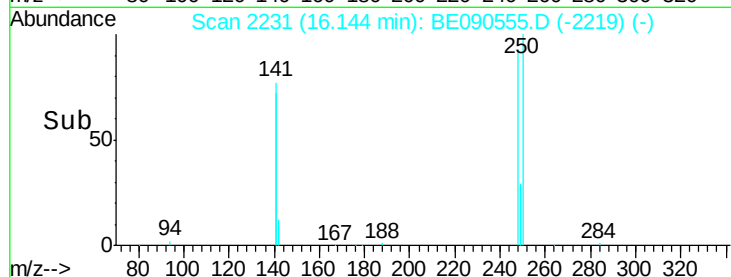
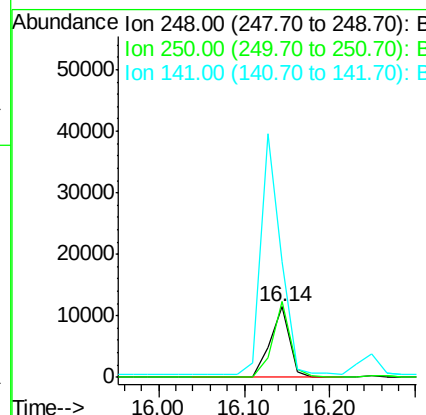
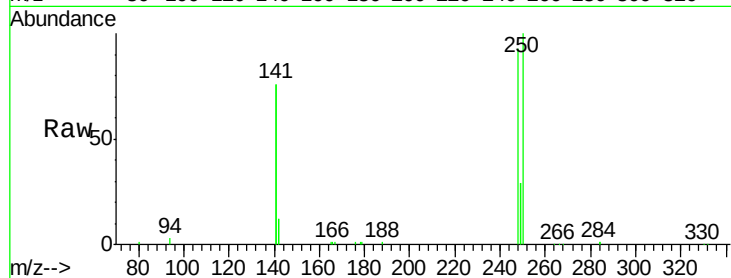




#19
4-Bromophenyl-phenylether
Concen: 3.10 ng
RT: 16.14 min Scan# 2231
Delta R.T. 0.00 min
Lab File: BE090555.D
Acq: 18 Aug 2015 15:43

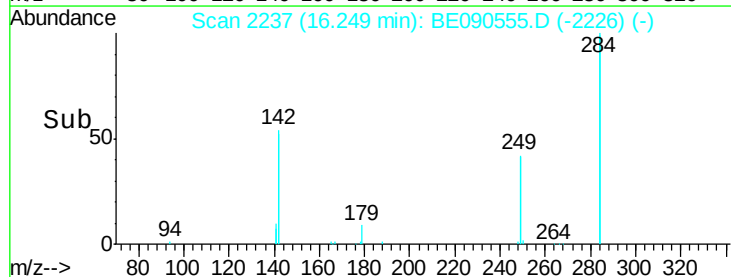
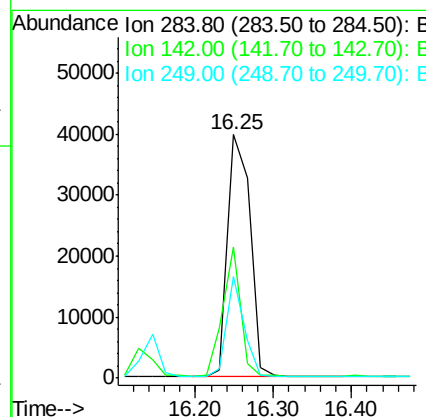
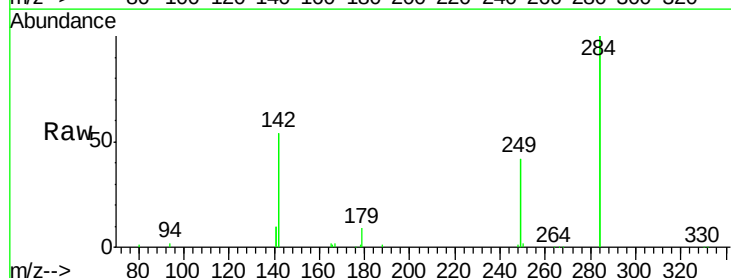
Instrument :
BNA_E
ClientSampleId :
PB85070BS

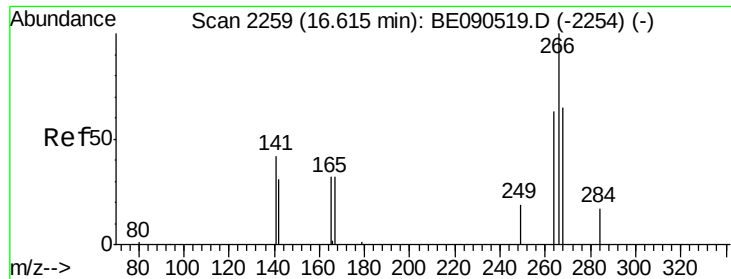
Tgt Ion:248 Resp: 18078
Ion Ratio Lower Upper
248 100
250 98.3 79.0 118.6
141 352.0 239.5 359.3



#20
Hexachlorobenzene
Concen: 3.05 ng
RT: 16.25 min Scan# 2237
Delta R.T. -0.02 min
Lab File: BE090555.D
Acq: 18 Aug 2015 15:43

Tgt Ion:284 Resp: 79002
Ion Ratio Lower Upper
284 100
142 41.4 30.1 45.1
249 31.9 25.7 38.5





#21

Pentachlorophenol

Concen: 5.79 ng

RT: 16.60 min Scan# 2257

Delta R.T. -0.02 min

Lab File: BE090555.D

Acq: 18 Aug 2015 15:43

Instrument :

BNA_E

ClientSampleId :

PB85070BS

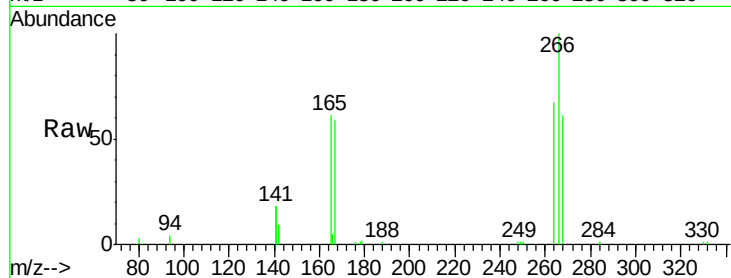
Tgt Ion:266 Resp: 18094

Ion Ratio Lower Upper

266 100

268 60.7 58.5 87.7

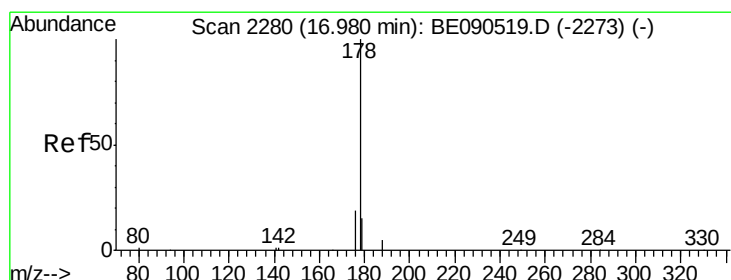
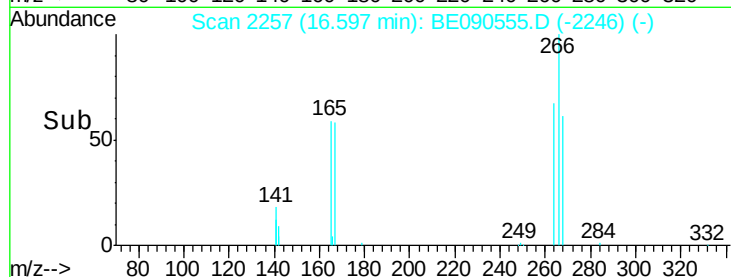
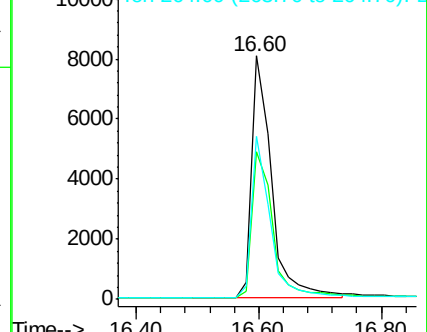
264 66.7 56.0 84.0



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: 2.96 ng

RT: 16.98 min Scan# 2279

Delta R.T. 0.00 min

Lab File: BE090555.D

Acq: 18 Aug 2015 15:43

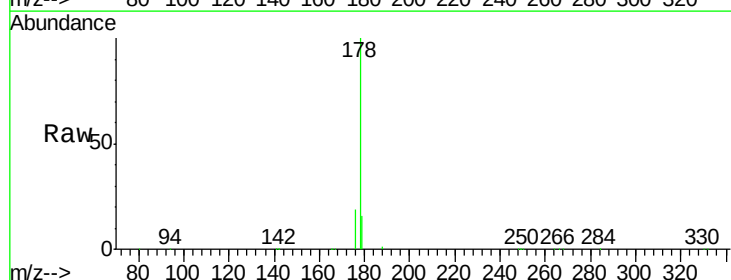
Tgt Ion:178 Resp: 111091

Ion Ratio Lower Upper

178 100

176 19.2 15.4 23.2

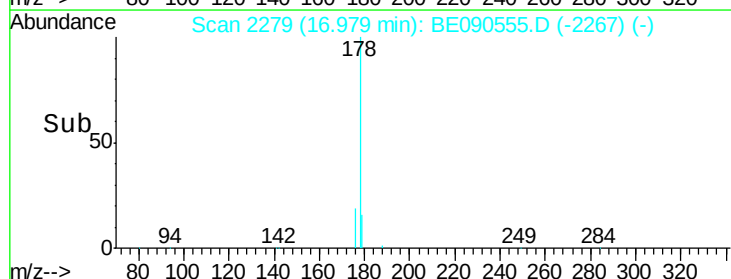
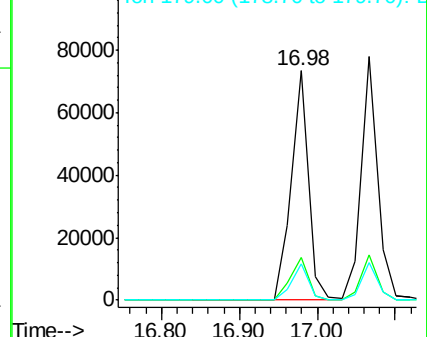
179 15.5 12.5 18.7

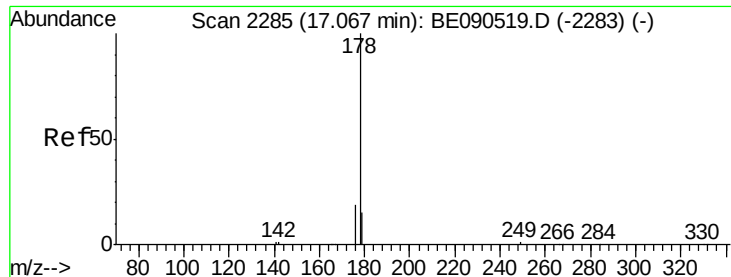


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#23

Anthracene

Concen: 3.26 ng

RT: 17.07 min Scan# 2284

Delta R.T. 0.00 min

Lab File: BE090555.D

Acq: 18 Aug 2015 15:43

Instrument :

BNA_E

ClientSampleId :

PB85070BS

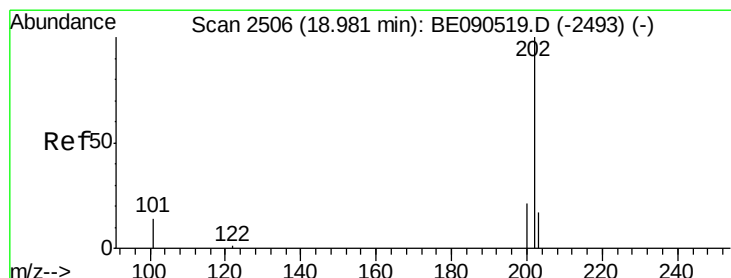
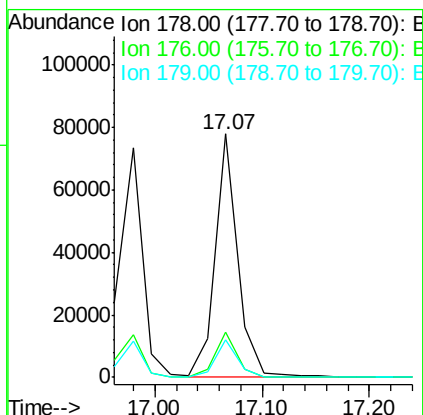
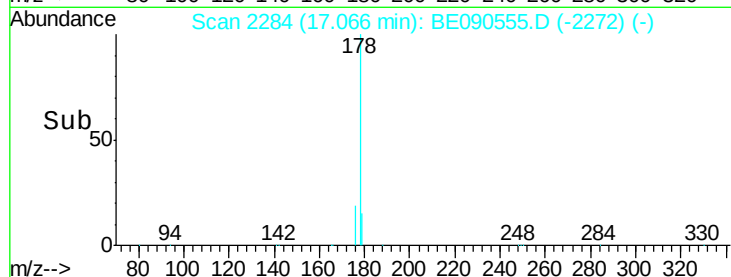
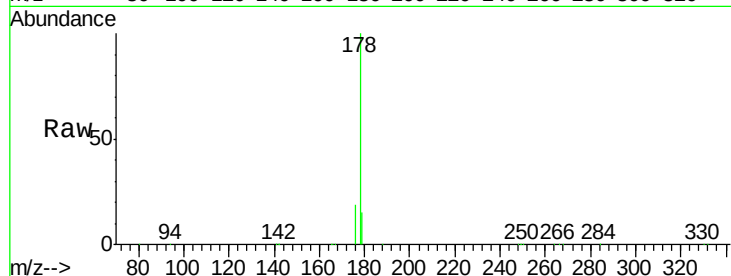
Tgt Ion:178 Resp: 112438

Ion Ratio Lower Upper

178 100

176 18.6 14.9 22.3

179 15.4 12.2 18.4



#24

Fluoranthene

Concen: 3.23 ng

RT: 18.98 min Scan# 2505

Delta R.T. 0.00 min

Lab File: BE090555.D

Acq: 18 Aug 2015 15:43

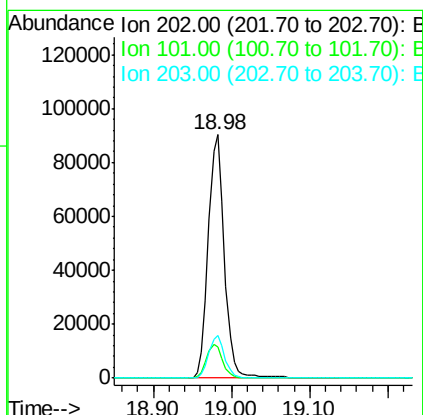
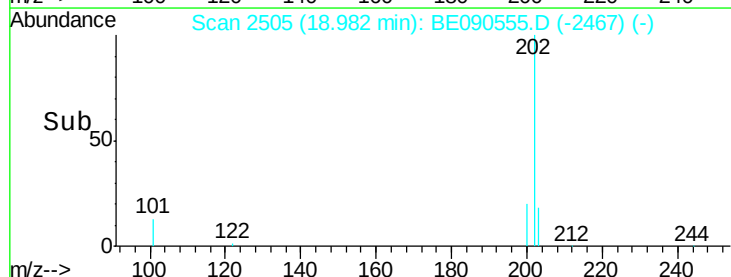
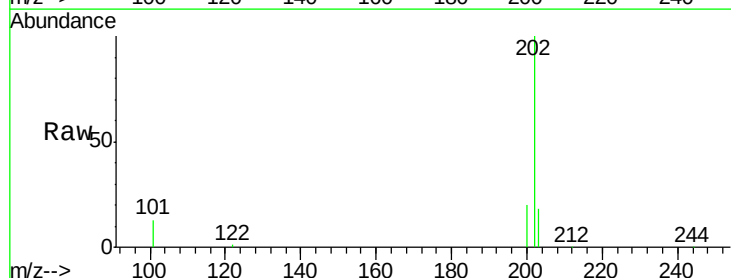
Tgt Ion:202 Resp: 129008

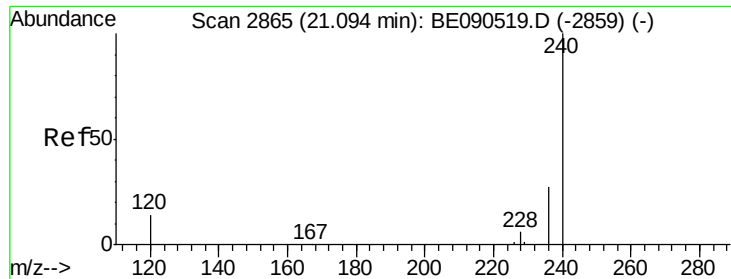
Ion Ratio Lower Upper

202 100

101 13.8 10.3 15.5

203 17.2 13.7 20.5





#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.09 min Scan# 2863

Delta R.T. -0.00 min

Lab File: BE090555.D

Acq: 18 Aug 2015 15:43

Instrument :

BNA_E

ClientSampleId :

PB85070BS

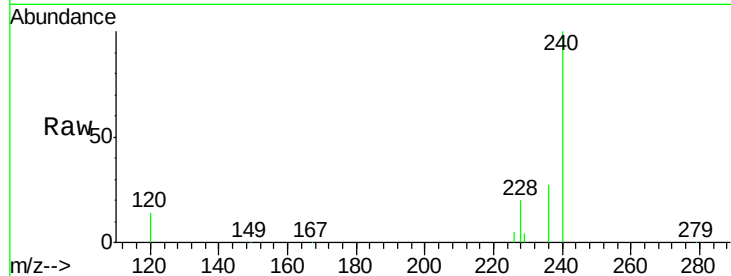
Tgt Ion:240 Resp: 144000

Ion Ratio Lower Upper

240 100

120 14.3 8.3 12.5#

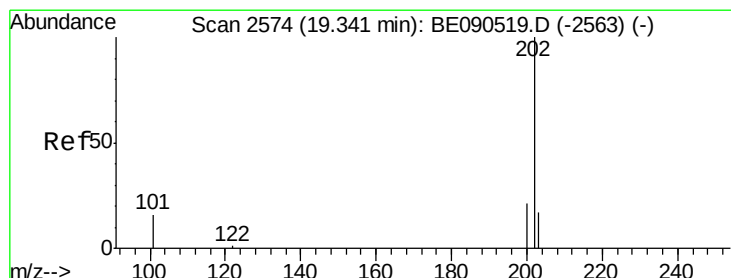
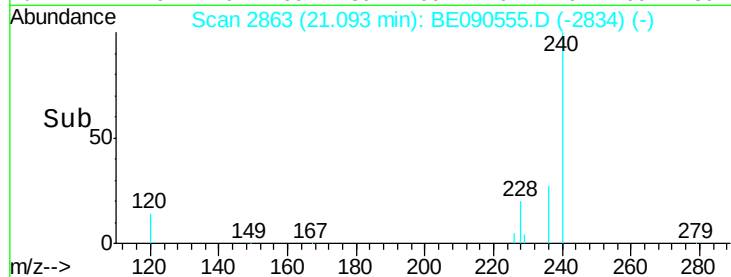
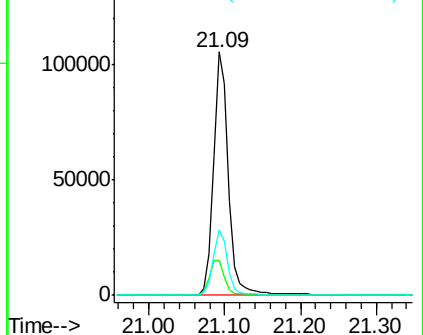
236 27.2 21.0 31.4



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: 3.31 ng

RT: 19.34 min Scan# 2573

Delta R.T. 0.00 min

Lab File: BE090555.D

Acq: 18 Aug 2015 15:43

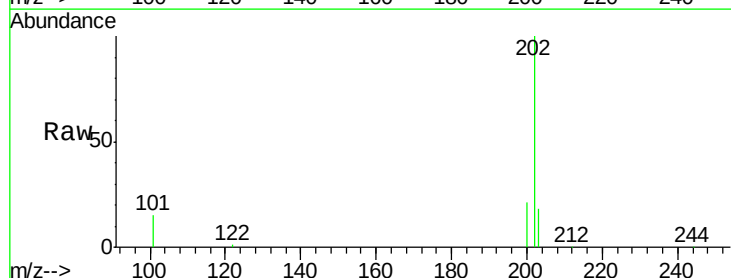
Tgt Ion:202 Resp: 136422

Ion Ratio Lower Upper

202 100

200 21.3 16.7 25.1

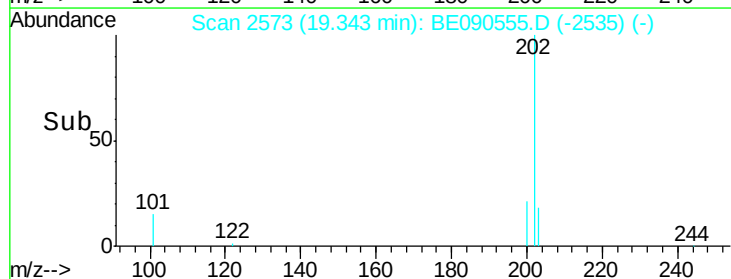
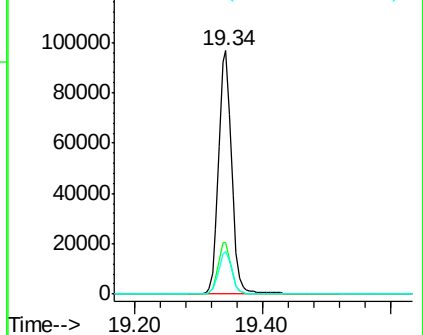
203 18.0 13.8 20.8

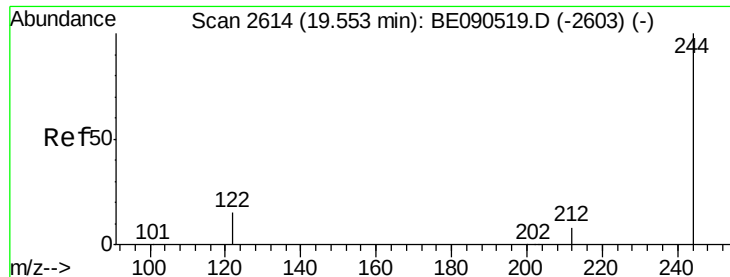


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

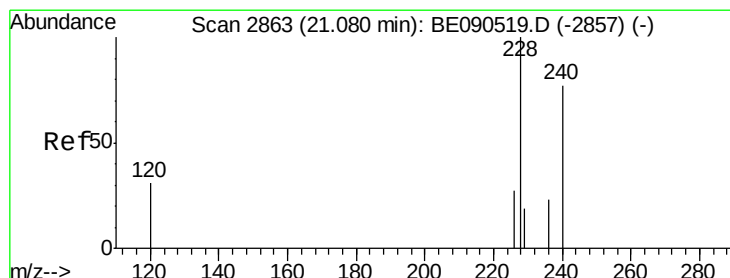
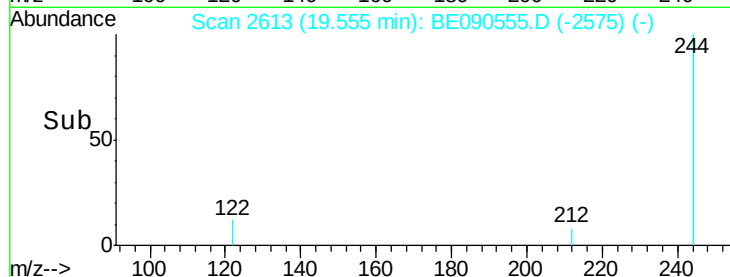
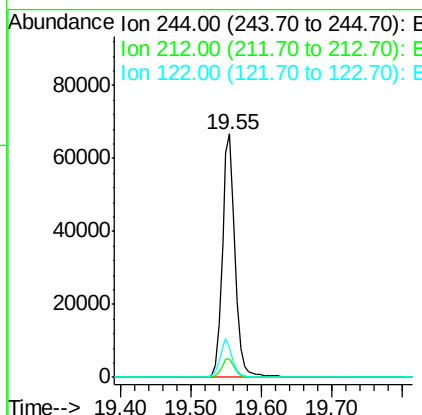
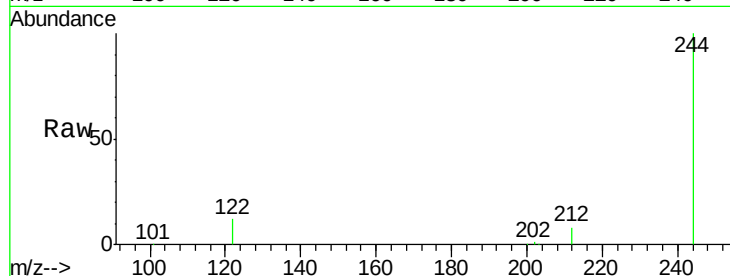




#27
 Terphenyl-d14
 Concen: 3.23 ng
 RT: 19.55 min Scan# 2613
 Delta R.T. 0.00 min
 Lab File: BE090555.D
 Acq: 18 Aug 2015 15:43

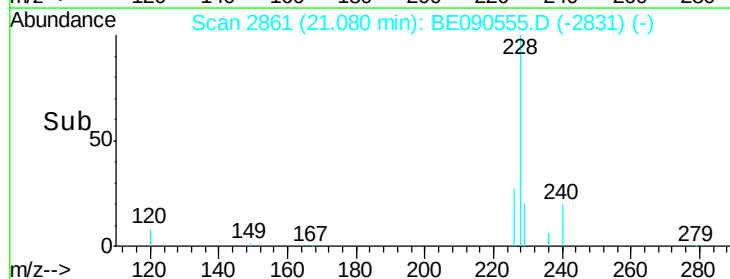
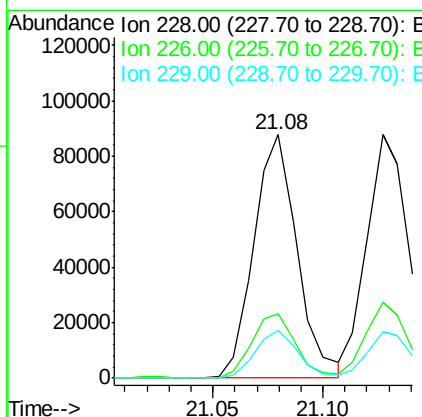
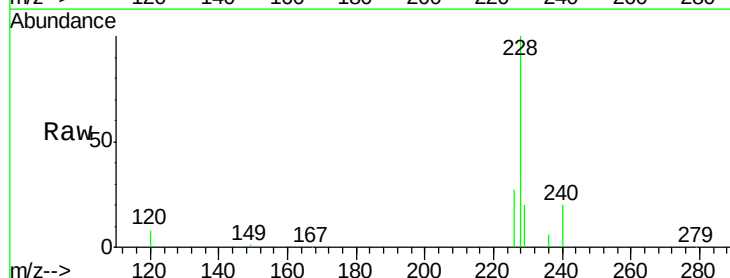
Instrument :
 BNA_E
 ClientSampleId :
 PB85070BS

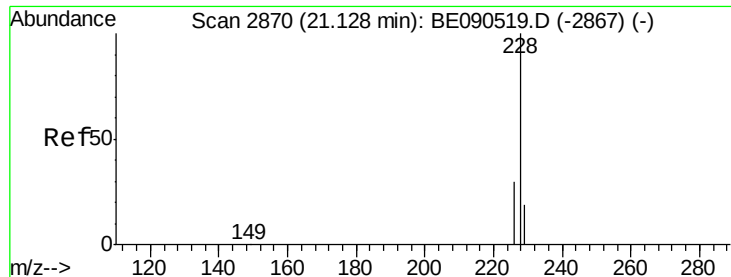
Tgt Ion: 244 Resp: 85017
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.6 9.8
 122 12.0 10.2 15.4



#28
 Benzo(a)anthracene
 Concen: 3.17 ng
 RT: 21.08 min Scan# 2861
 Delta R.T. 0.01 min
 Lab File: BE090555.D
 Acq: 18 Aug 2015 15:43

Tgt Ion: 228 Resp: 120314
 Ion Ratio Lower Upper
 228 100
 226 26.6 21.9 32.9
 229 19.8 15.4 23.0





#29

Chrysene

Concen: 3.18 ng

RT: 21.13 min Scan# 2868

Delta R.T. -0.00 min

Lab File: BE090555.D

Acq: 18 Aug 2015 15:43

Instrument :

BNA_E

ClientSampleId :

PB85070BS

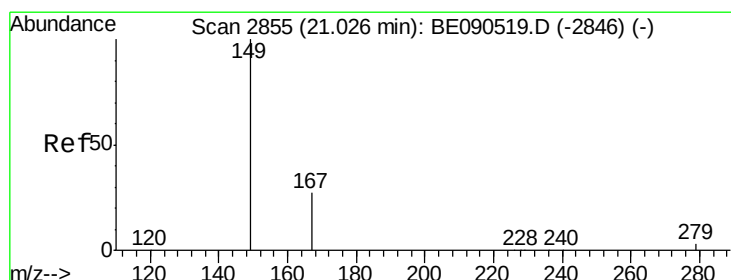
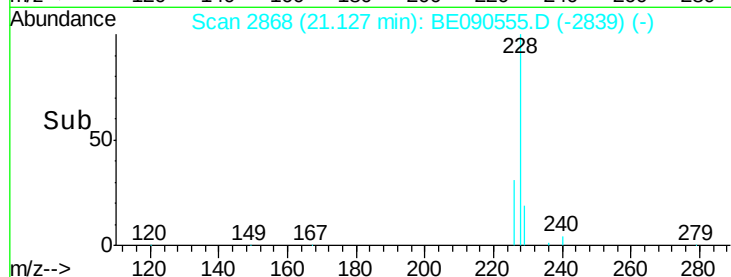
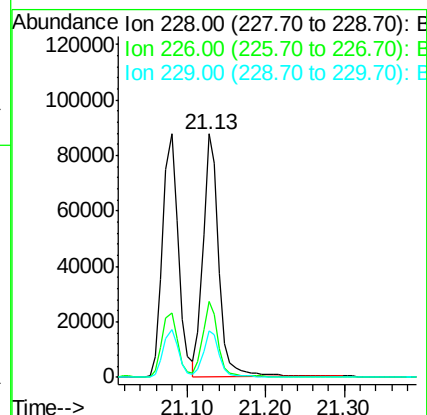
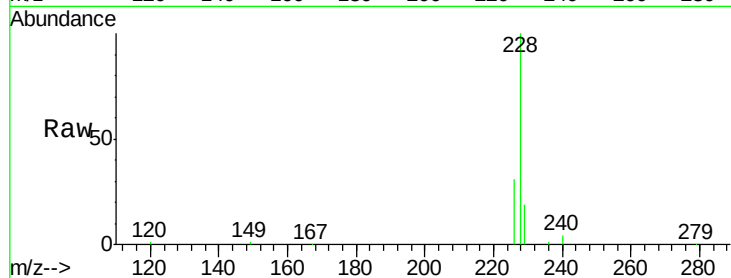
Tgt Ion:228 Resp: 122947

Ion Ratio Lower Upper

228 100

226 30.9 23.1 34.7

229 19.1 15.8 23.8



#30

Bis(2-ethylhexyl)phthalate

Concen: 3.39 ng

RT: 21.03 min Scan# 2853

Delta R.T. 0.01 min

Lab File: BE090555.D

Acq: 18 Aug 2015 15:43

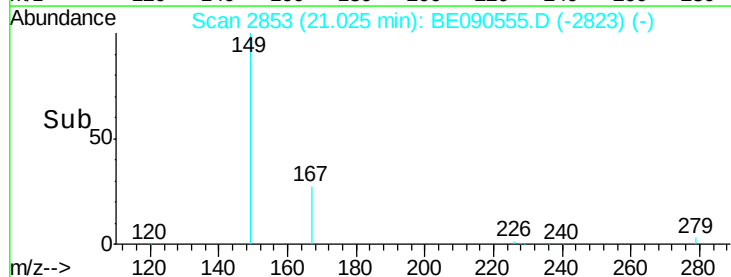
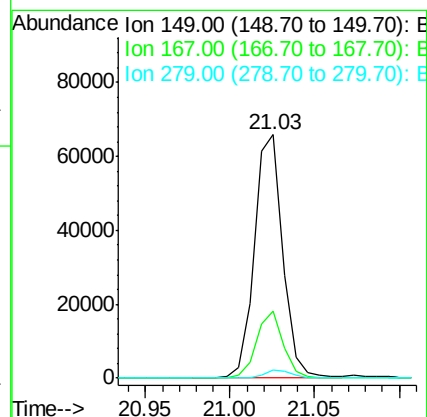
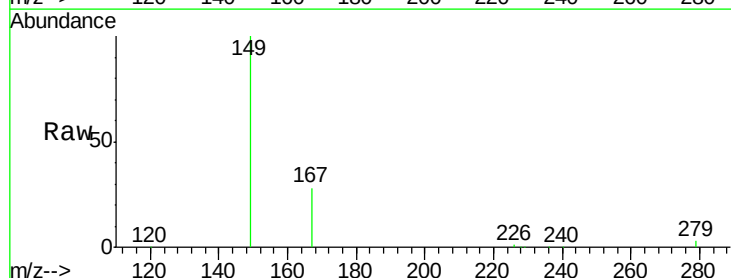
Tgt Ion:149 Resp: 75643

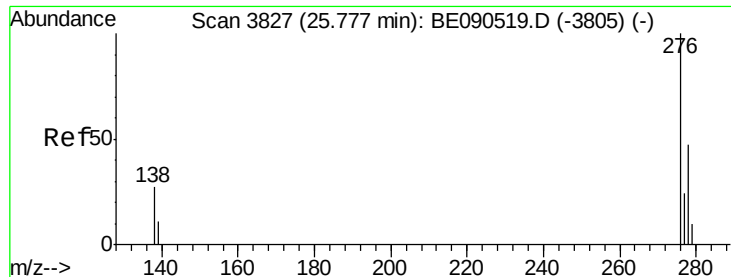
Ion Ratio Lower Upper

149 100

167 26.0 19.8 29.8

279 3.1 2.4 3.6





#31

Indeno(1,2,3-cd)pyrene

Concen: 3.23 ng

RT: 25.77 min Scan# 3825

Delta R.T. -0.01 min

Lab File: BE090555.D

Acq: 18 Aug 2015 15:43

Instrument :

BNA_E

ClientSampleId :

PB85070BS

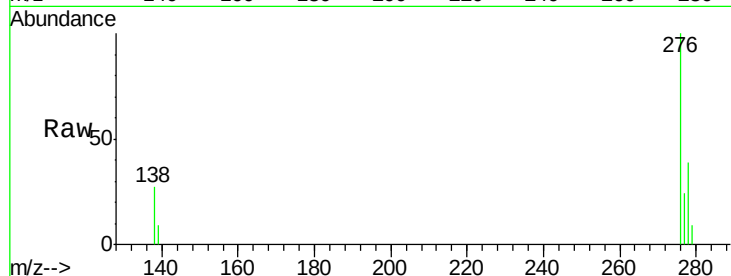
Tgt Ion: 276 Resp: 117680

Ion Ratio Lower Upper

276 100

138 29.3 18.8 28.2#

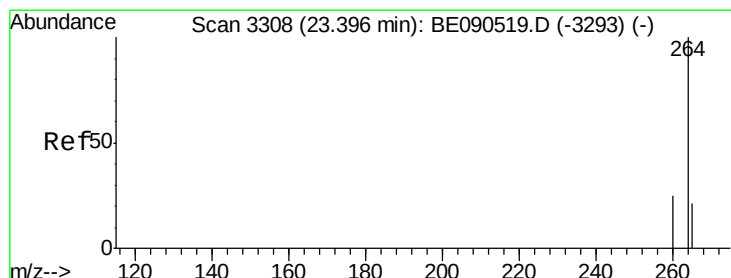
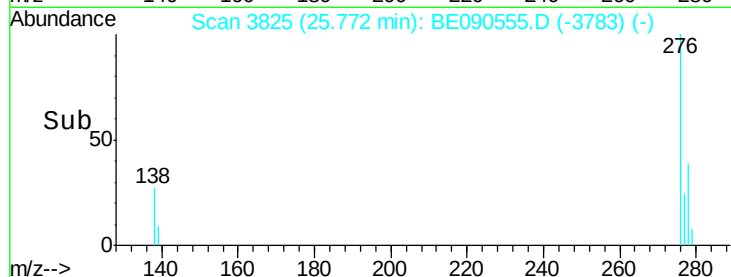
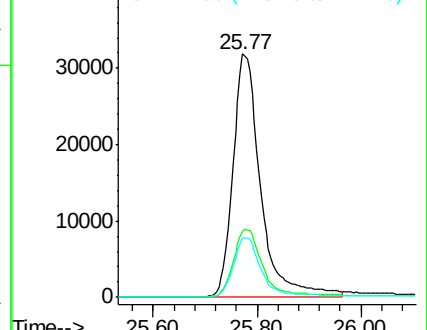
277 24.8 18.2 27.4



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: 23.40 min Scan# 3307

Delta R.T. 0.00 min

Lab File: BE090555.D

Acq: 18 Aug 2015 15:43

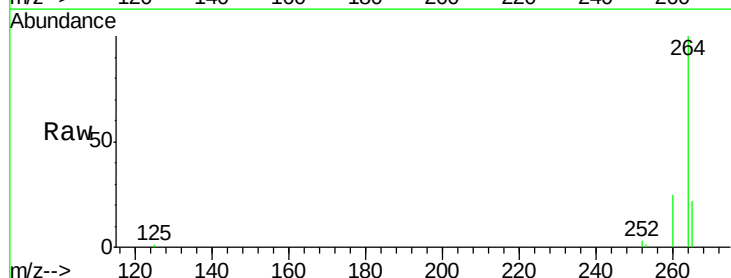
Tgt Ion: 264 Resp: 129604

Ion Ratio Lower Upper

264 100

260 24.6 20.1 30.1

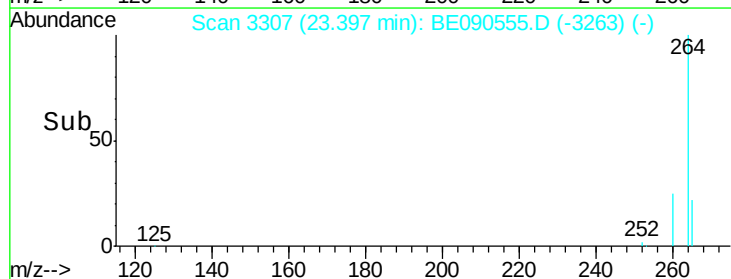
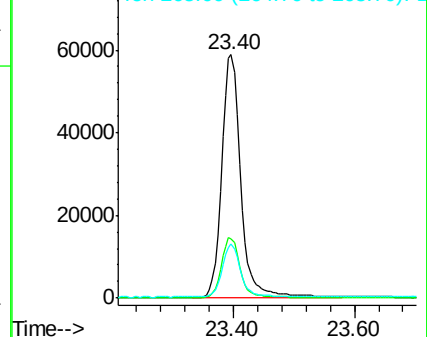
265 22.0 17.2 25.8

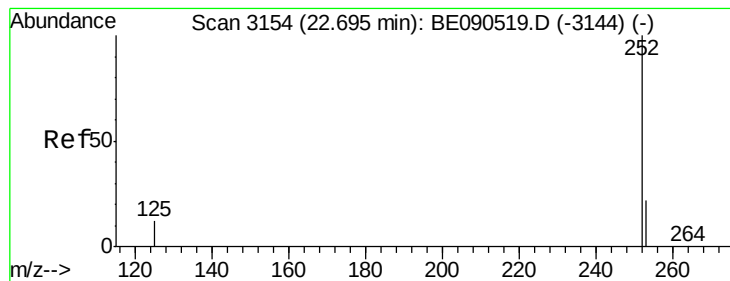


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#33

Benzo(b)fluoranthene

Concen: 3.51 ng

RT: 22.69 min Scan# 3152

Delta R.T. -0.00 min

Lab File: BE090555.D

Acq: 18 Aug 2015 15:43

Instrument :

BNA_E

ClientSampleId :

PB85070BS

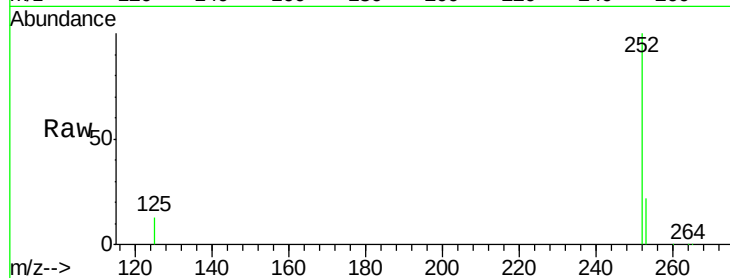
Tgt Ion: 252 Resp: 107719

Ion Ratio Lower Upper

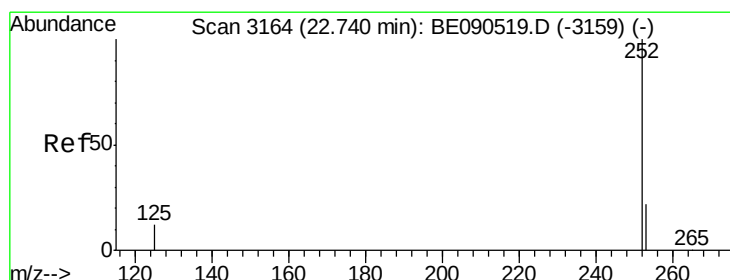
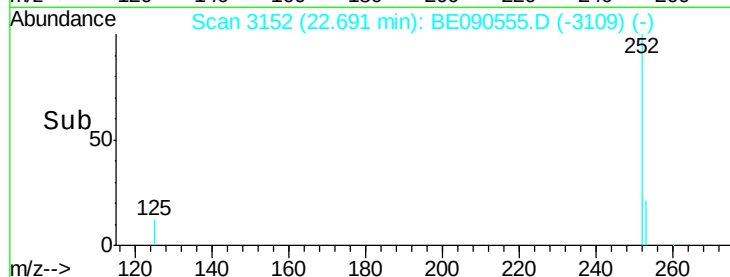
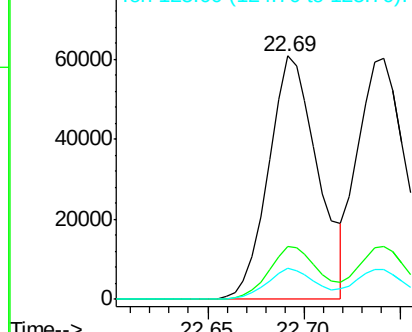
252 100

253 21.7 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: 3.30 ng

RT: 22.74 min Scan# 3163

Delta R.T. 0.00 min

Lab File: BE090555.D

Acq: 18 Aug 2015 15:43

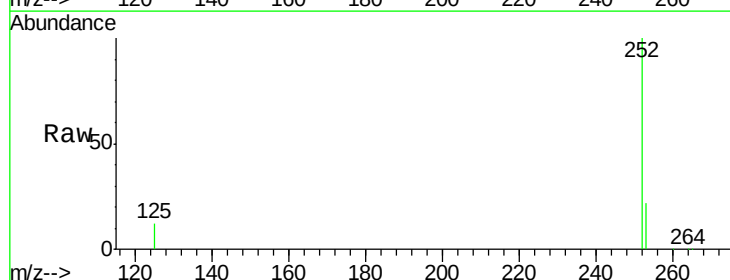
Tgt Ion: 252 Resp: 114712

Ion Ratio Lower Upper

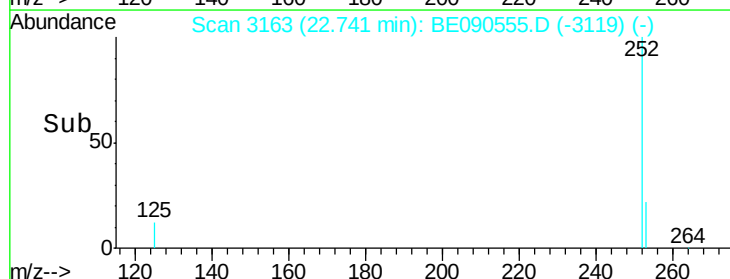
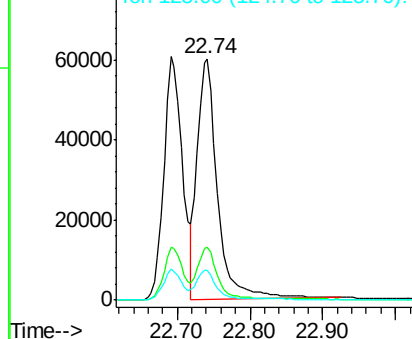
252 100

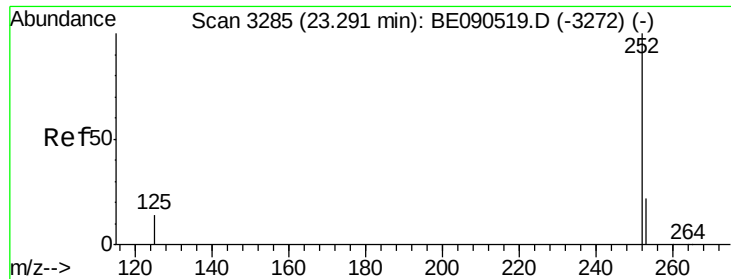
253 21.9 18.1 27.1

125 12.2 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: 3.54 ng

RT: 23.29 min Scan# 3284

Delta R.T. 0.00 min

Lab File: BE090555.D

Acq: 18 Aug 2015 15:43

Instrument :

BNA_E

ClientSampleId :

PB85070BS

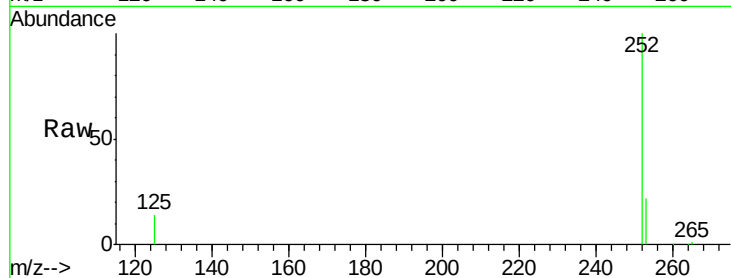
Tgt Ion: 252 Resp: 101706

Ion Ratio Lower Upper

252 100

253 21.9 17.6 26.4

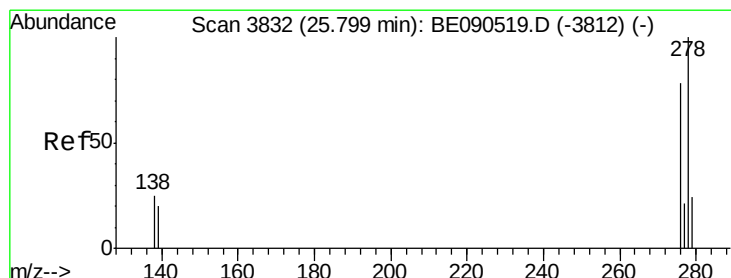
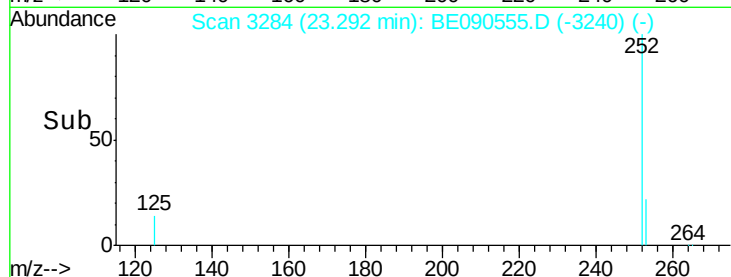
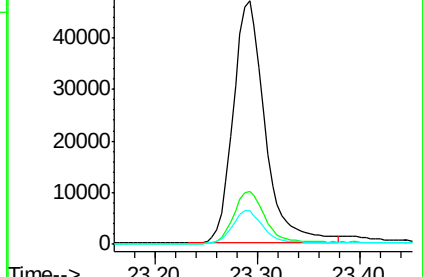
125 13.8 9.8 14.6



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: 3.37 ng

RT: 25.79 min Scan# 3830

Delta R.T. -0.01 min

Lab File: BE090555.D

Acq: 18 Aug 2015 15:43

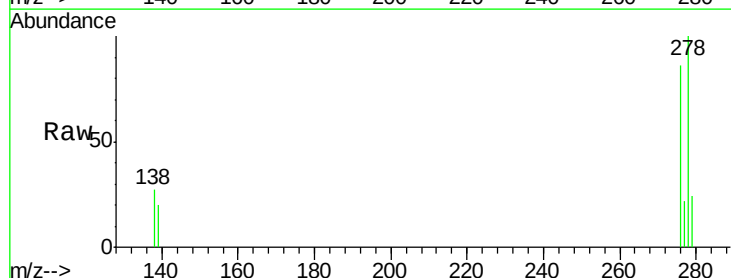
Tgt Ion: 278 Resp: 93483

Ion Ratio Lower Upper

278 100

139 19.6 14.2 21.4

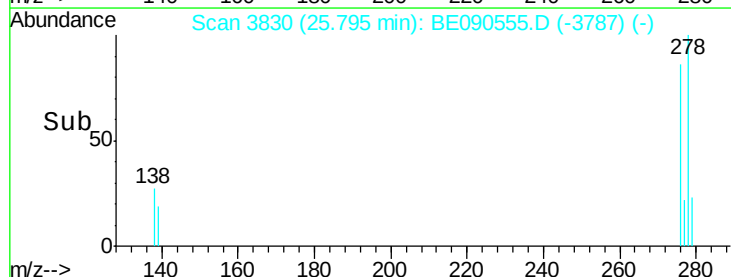
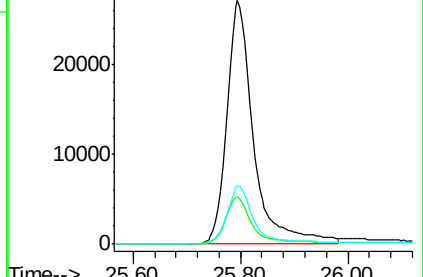
279 23.7 20.1 30.1

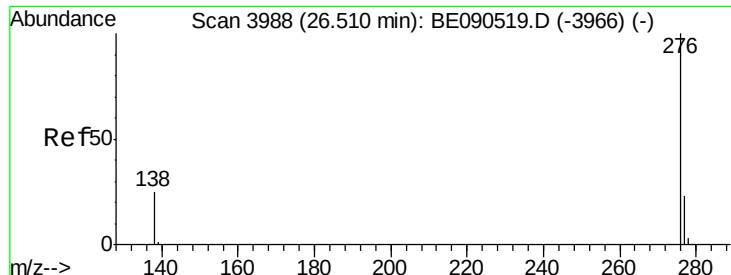


Abundance Ion 278.00 (277.70 to 278.70): E

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: 3.41 ng

RT: 26.51 min Scan# 3987

Delta R.T. 0.00 min

Lab File: BE090555.D

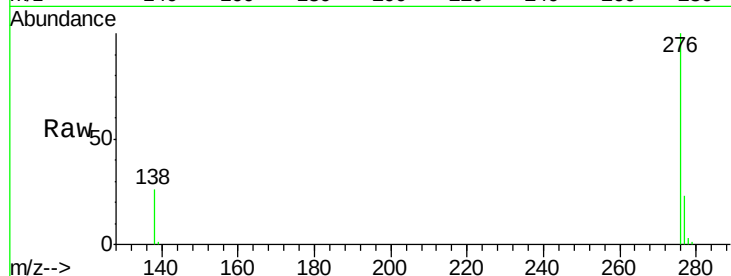
Acq: 18 Aug 2015 15:43

Instrument :

BNA_E

ClientSampleId :

PB85070BS



Tgt Ion: 276 Resp: 103365

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

