

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081115\
 Data File : BE090431.D
 Acq On : 11 Aug 2015 16:57
 Operator : UM/IZ
 Sample : PB84961BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB84961BS

Quant Time: Aug 12 04:13:58 2015
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE080515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 06 12:28:08 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	22087	5.00	ng	0.00
6) Naphthalene-d8	10.34	136	102876	5.00	ng	0.00
12) Acenaphthene-d10	14.20	164	59947	5.00	ng	0.00
18) Phenanthrene-d10	16.94	188	139144	5.00	ng	0.00
25) Chrysene-d12	21.09	240	167383	5.00	ng	0.00
32) Perylene-d12	23.40	264	144829	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.22	112	40802	12.31	ng	0.00
5) Phenol-d6	6.76	99	65773	9.11	ng	-0.01
7) Nitrobenzene-d5	8.72	82	32598	3.94	ng	-0.01
13) 2,4,6-Tribromophenol	15.69	330	19280	9.60	ng	-0.02
14) 2-Fluorobiphenyl	12.82	172	73086	4.43	ng	0.00
27) Terphenyl-d14	19.55	244	118482	4.80	ng	-0.01

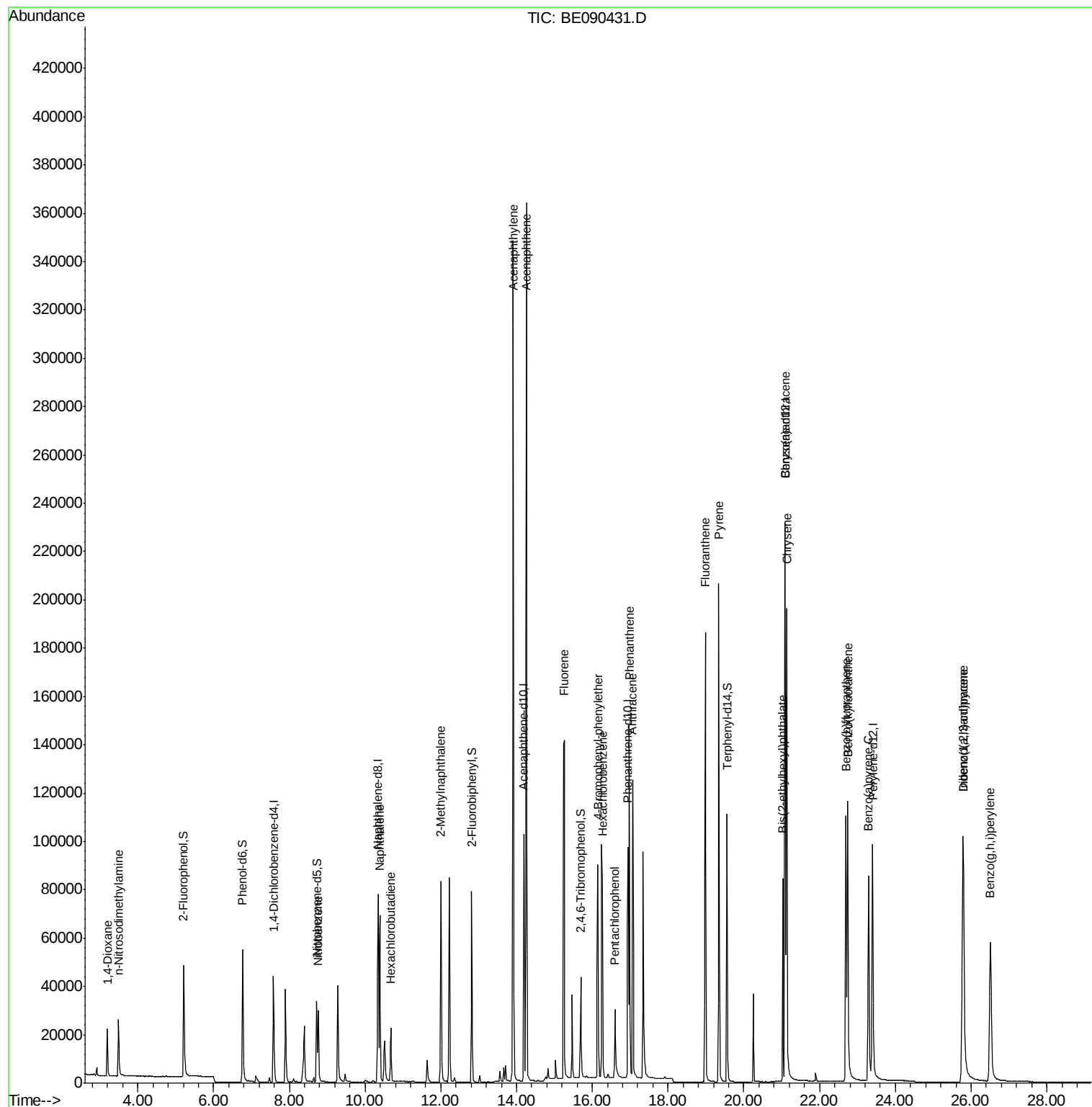
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.19	88	11228	4.30	ng	98
3) n-Nitrosodimethylamine	3.49	42	14766	4.32	ng	# 87
8) Nitrobenzene	8.76	77	35804	4.04	ng	97
9) Naphthalene	10.38	128	92773	4.08	ng	98
10) Hexachlorobutadiene	10.68	225	15554	4.52	ng	100
11) 2-Methylnaphthalene	12.01	142	62764	4.76	ng	96
15) Acenaphthylene	13.91	152	442531	4.56	ng	100
16) Acenaphthene	14.26	154	65003	4.31	ng	87
17) Fluorene	15.26	166	87751	4.48	ng	97
19) 4-Bromophenyl-phenylether	16.14	248	24658	4.56	ng	94
20) Hexachlorobenzene	16.26	284	109035	3.90	ng	99
21) Pentachlorophenol	16.60	266	18387	8.16	ng	91
22) Phenanthrene	16.98	178	150994	4.34	ng	100
23) Anthracene	17.07	178	147068	5.14	ng	99
24) Fluoranthene	18.98	202	171970	5.02	ng	99
26) Pyrene	19.34	202	186394	5.14	ng	99
28) Benzo(a)anthracene	21.08	228	177419	4.78	ng	99
29) Chrysene	21.13	228	188041	4.19	ng	100
30) Bis(2-ethylhexyl)phthalate	21.03	149	69410	5.12	ng	99
31) Indeno(1,2,3-cd)pyrene	25.78	276	155491	3.90	ng	95
33) Benzo(b)fluoranthene	22.70	252	146903	4.51	ng	99
34) Benzo(k)fluoranthene	22.74	252	171371	4.25	ng	99
35) Benzo(a)pyrene	23.29	252	137417	4.46	ng	100
36) Dibenzo(a,h)anthracene	25.80	278	124341	4.15	ng	98
37) Benzo(g,h,i)perylene	26.51	276	138215	5.17	ng	98

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

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081115\
Data File : BE090431.D
Acq On : 11 Aug 2015 16:57
Operator : UM/IZ
Sample : PB84961BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB84961BS

Quant Time: Aug 12 04:13:58 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE080515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 06 12:28:08 2015
Response via : Initial Calibration



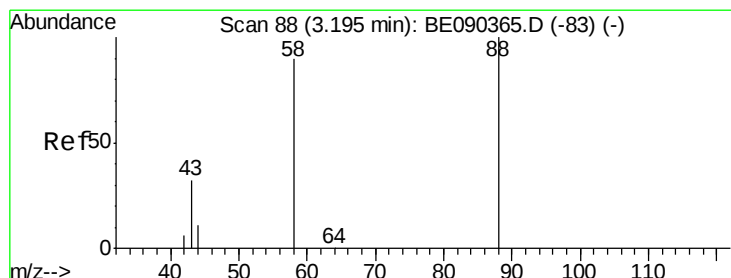
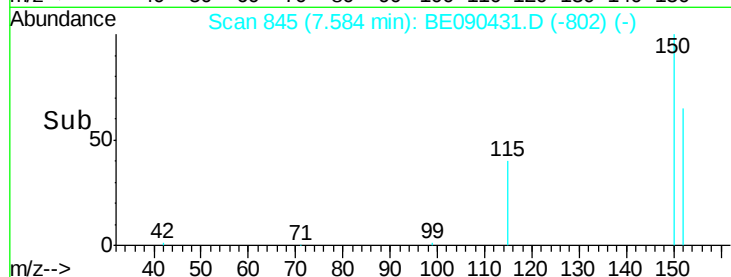
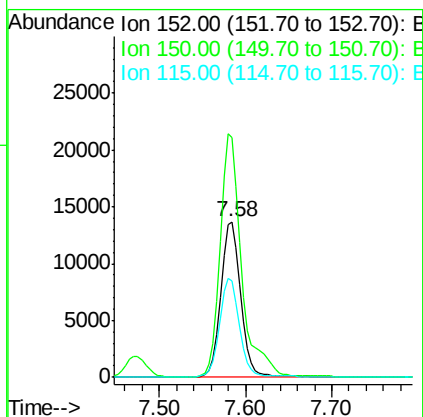
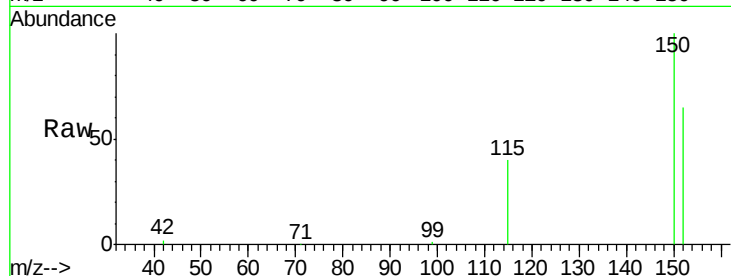


#1

1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.58 min Scan# 845
Delta R.T. -0.00 min
Lab File: BE090431.D
Acq: 11 Aug 2015 16:57

Instrument :
BNA_E
ClientSampleId :
PB84961BS

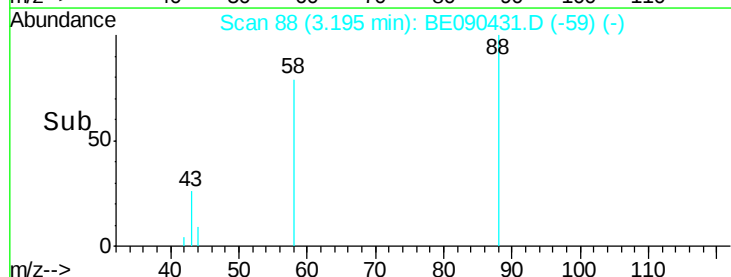
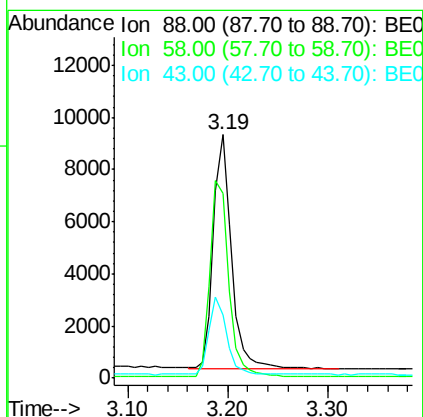
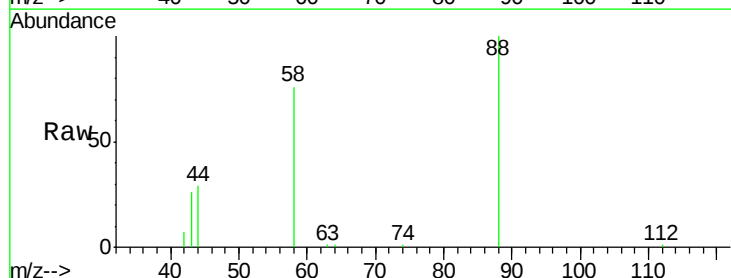
Tgt Ion:152 Resp: 22087
Ion Ratio Lower Upper
152 100
150 154.2 123.0 184.4
115 61.9 48.9 73.3



#2

1,4-Dioxane
Concen: 4.30 ng
RT: 3.19 min Scan# 88
Delta R.T. -0.00 min
Lab File: BE090431.D
Acq: 11 Aug 2015 16:57

Tgt Ion: 88 Resp: 11228
Ion Ratio Lower Upper
88 100
58 87.8 70.0 105.0
43 32.7 28.4 42.6



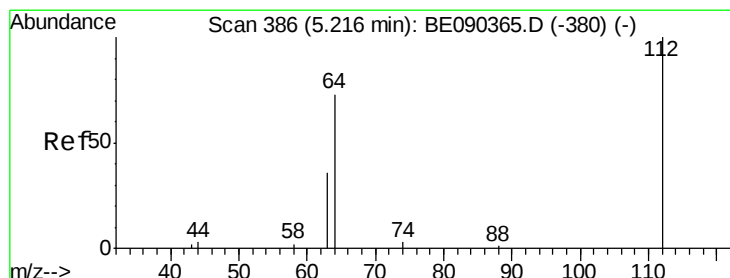
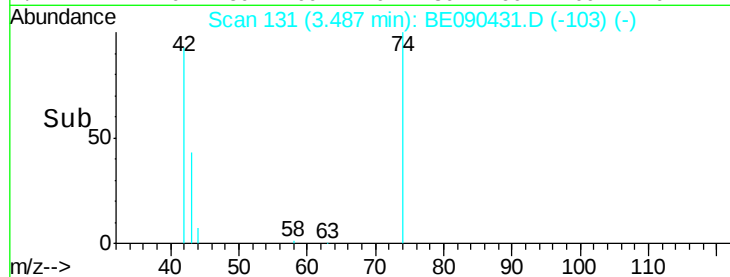
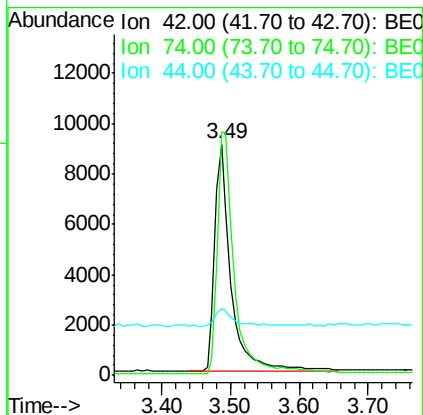
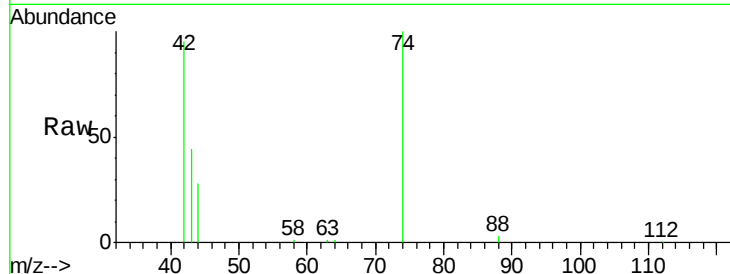


#3

n-Nitrosodimethylamine
 Concen: 4.32 ng
 RT: 3.49 min Scan# 131
 Delta R.T. -0.01 min
 Lab File: BE090431.D
 Acq: 11 Aug 2015 16:57

Instrument :
 BNA_E
 ClientSampleId :
 PB84961BS

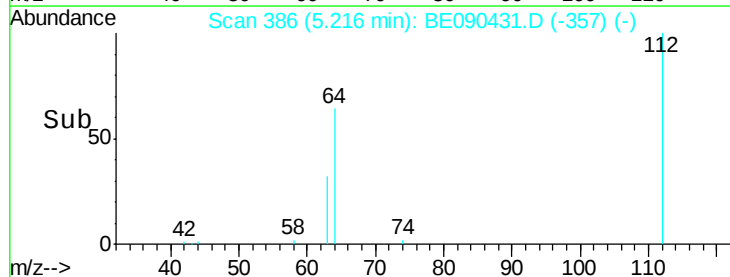
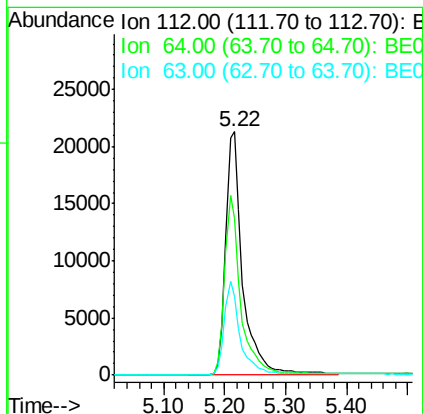
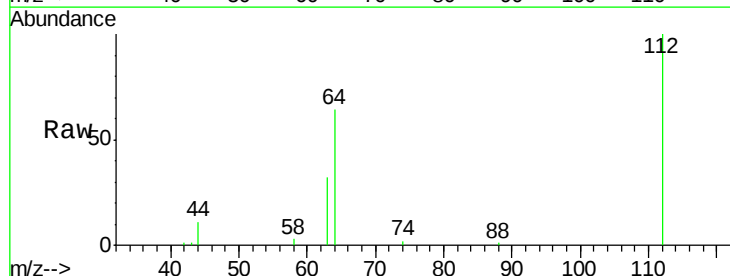
Tgt Ion: 42 Resp: 14766
 Ion Ratio Lower Upper
 42 100
 74 106.8 75.2 112.8
 44 8.5 8.7 13.1#

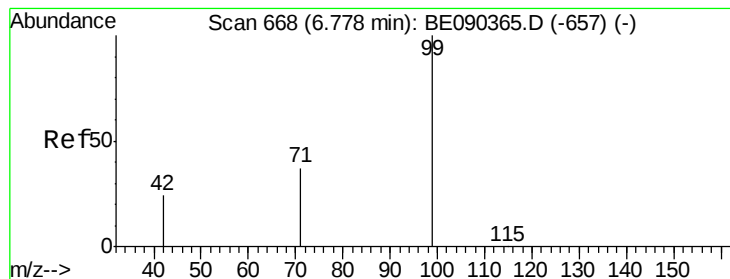


#4

2-Fluorophenol
 Concen: 12.31 ng
 RT: 5.22 min Scan# 386
 Delta R.T. -0.00 min
 Lab File: BE090431.D
 Acq: 11 Aug 2015 16:57

Tgt Ion: 112 Resp: 40802
 Ion Ratio Lower Upper
 112 100
 64 70.3 37.1 55.7#
 63 36.5 19.5 29.3#





#5

Phenol-d6

Concen: 9.11 ng

RT: 6.76 min Scan# 665

Delta R.T. -0.01 min

Lab File: BE090431.D

Acq: 11 Aug 2015 16:57

Instrument :

BNA_E

ClientSampleId :

PB84961BS

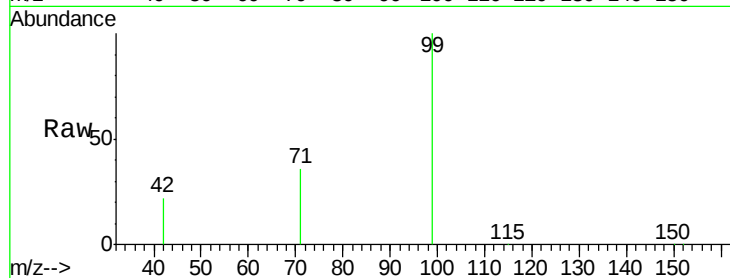
Tgt Ion: 99 Resp: 65773

Ion Ratio Lower Upper

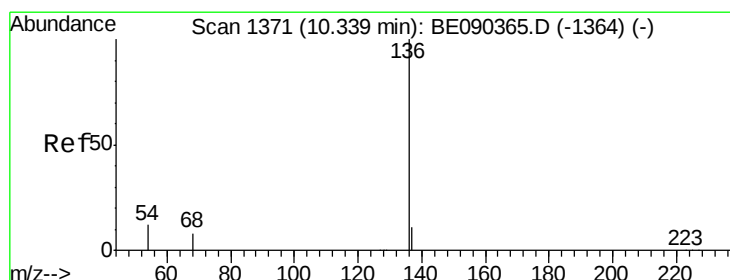
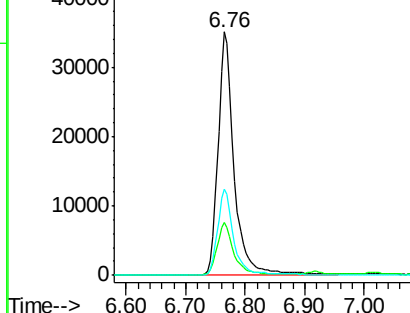
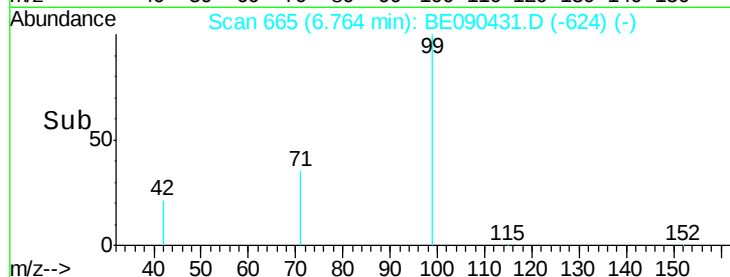
99 100

42 21.9 18.2 27.4

71 35.2 27.4 41.0



Abundance Ion 99.00 (98.70 to 99.70): BE0
Ion 42.00 (41.70 to 42.70): BE0
Ion 71.00 (70.70 to 71.70): BE0



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.34 min Scan# 1371

Delta R.T. 0.00 min

Lab File: BE090431.D

Acq: 11 Aug 2015 16:57

Tgt Ion: 136 Resp: 102876

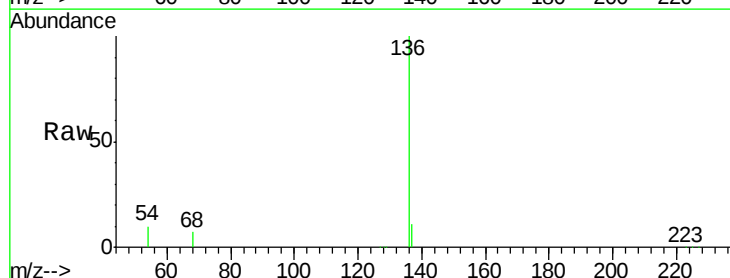
Ion Ratio Lower Upper

136 100

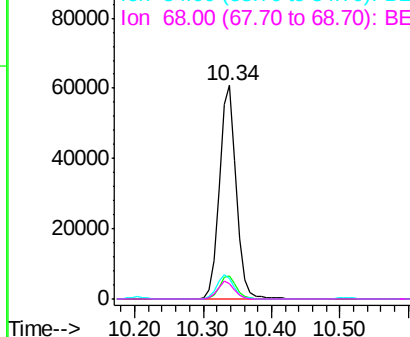
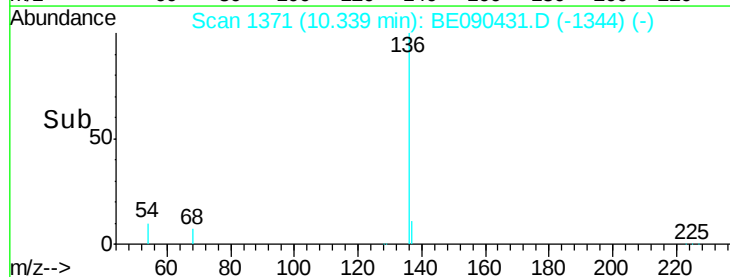
137 11.1 8.7 13.1

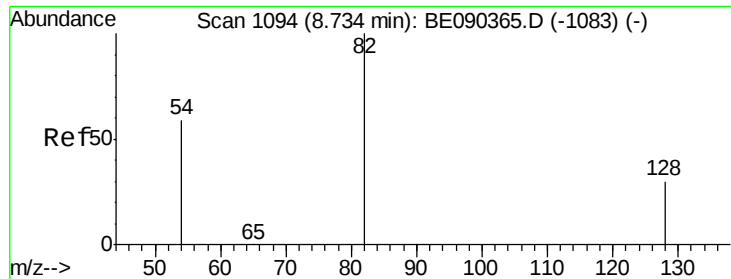
54 9.8 9.4 14.0

68 7.3 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: 3.94 ng

RT: 8.72 min Scan# 1091

Delta R.T. -0.01 min

Lab File: BE090431.D

Acq: 11 Aug 2015 16:57

Instrument :

BNA_E

ClientSampleId :

PB84961BS

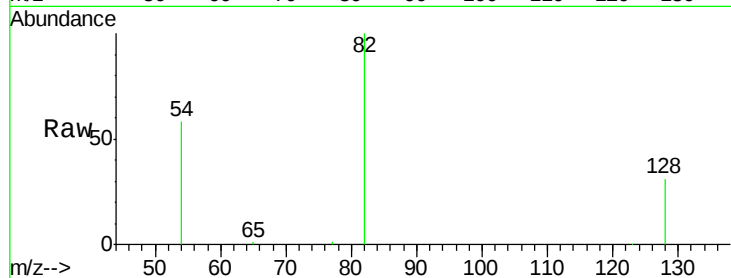
Tgt Ion: 82 Resp: 32598

Ion Ratio Lower Upper

82 100

128 30.5 25.0 37.6

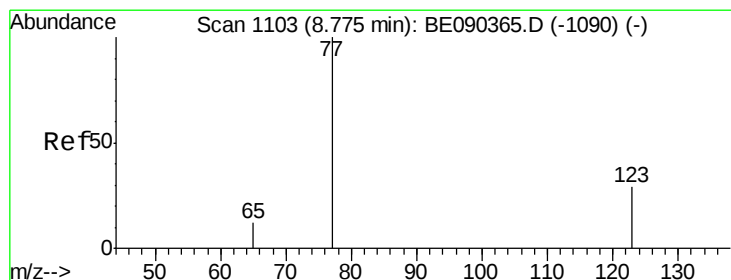
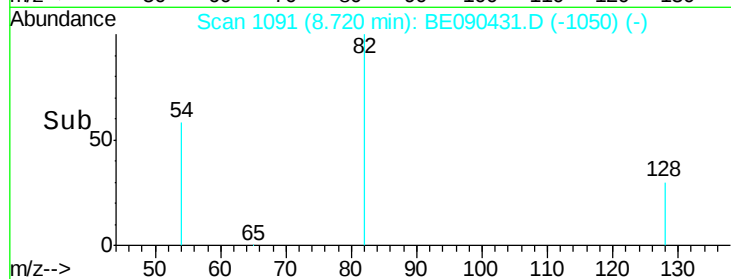
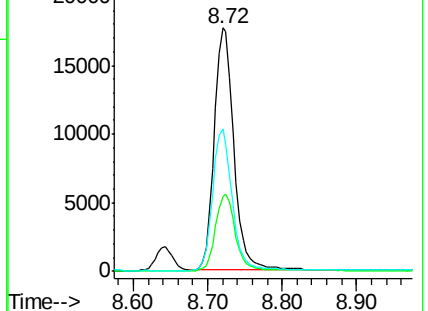
54 58.5 48.8 73.2



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: 4.04 ng

RT: 8.76 min Scan# 1100

Delta R.T. -0.01 min

Lab File: BE090431.D

Acq: 11 Aug 2015 16:57

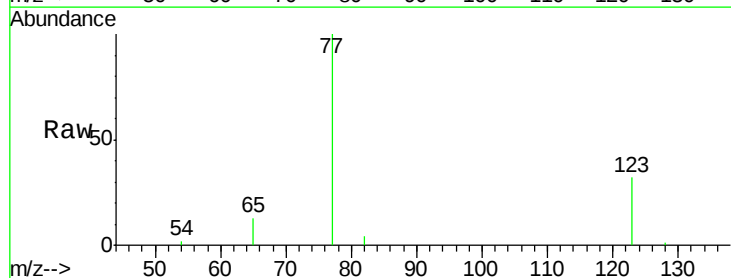
Tgt Ion: 77 Resp: 35804

Ion Ratio Lower Upper

77 100

123 33.2 25.1 37.7

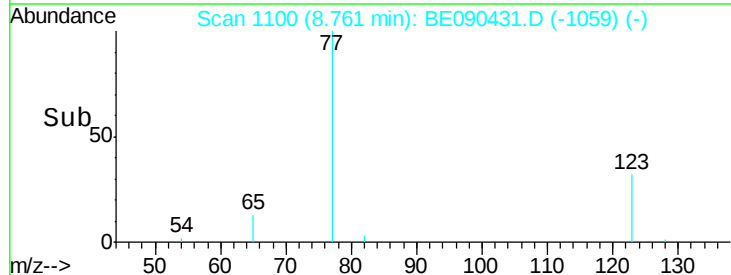
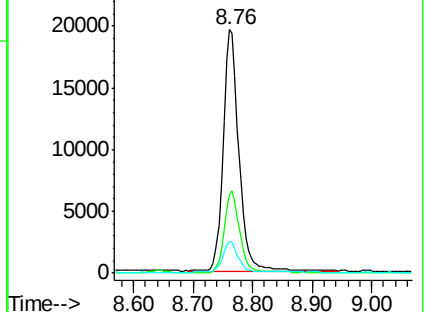
65 12.7 9.3 13.9



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: 4.08 ng

RT: 10.38 min Scan# 1377

Delta R.T. -0.01 min

Lab File: BE090431.D

Acq: 11 Aug 2015 16:57

Instrument :

BNA_E

ClientSampleId :

PB84961BS

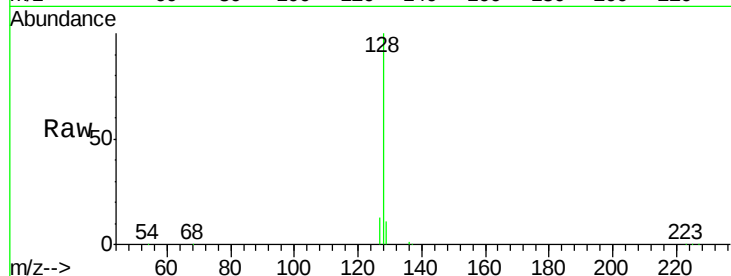
Tgt Ion:128 Resp: 92773

Ion Ratio Lower Upper

128 100

129 11.0 9.8 14.6

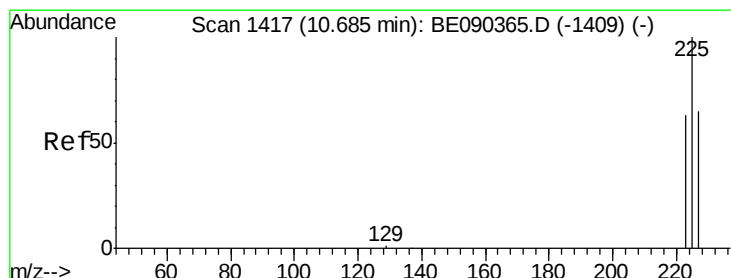
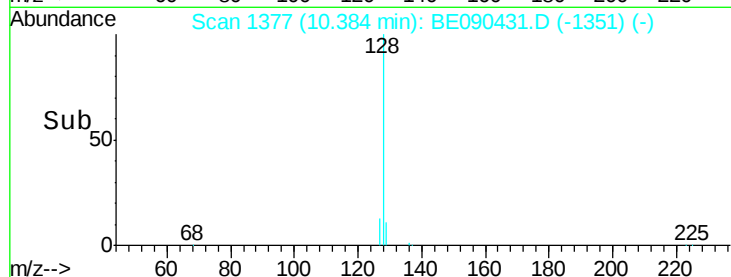
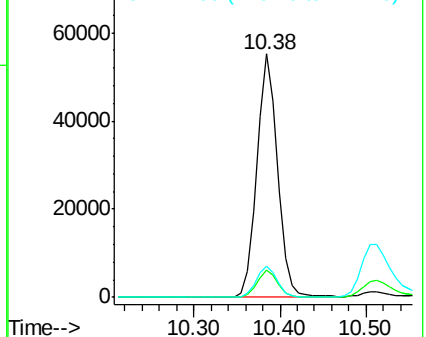
127 12.9 10.6 16.0



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: 4.52 ng

RT: 10.68 min Scan# 1416

Delta R.T. -0.01 min

Lab File: BE090431.D

Acq: 11 Aug 2015 16:57

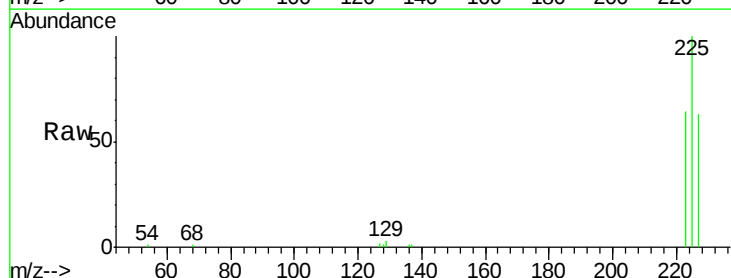
Tgt Ion:225 Resp: 15554

Ion Ratio Lower Upper

225 100

223 62.8 50.6 75.8

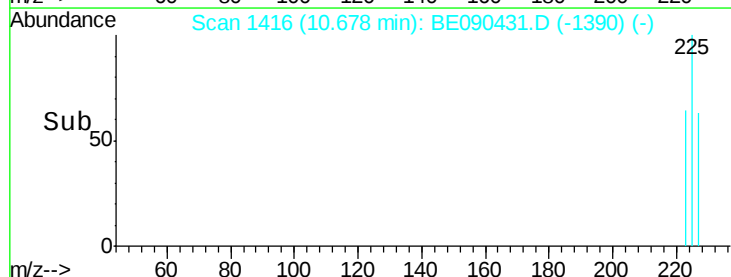
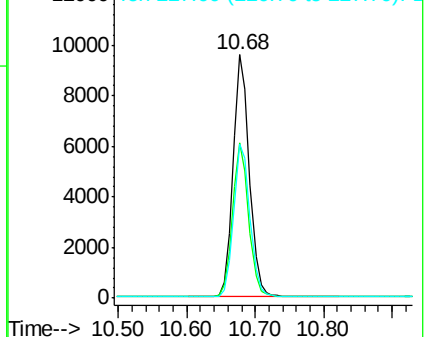
227 63.5 50.7 76.1



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

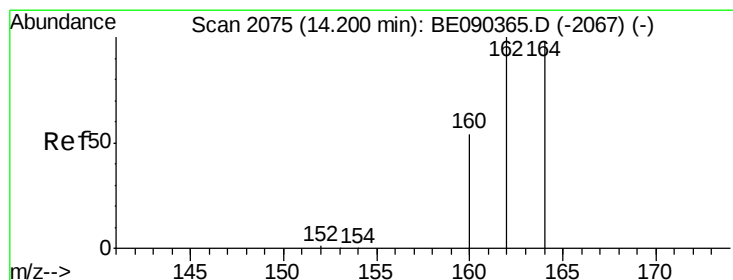
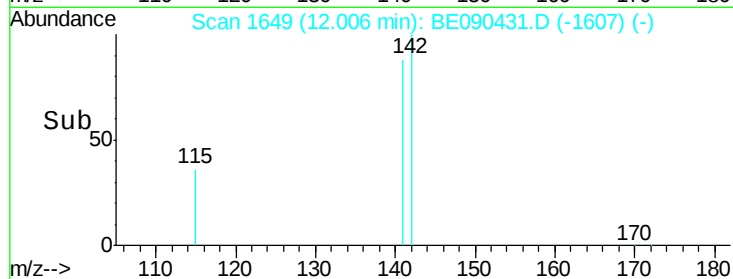
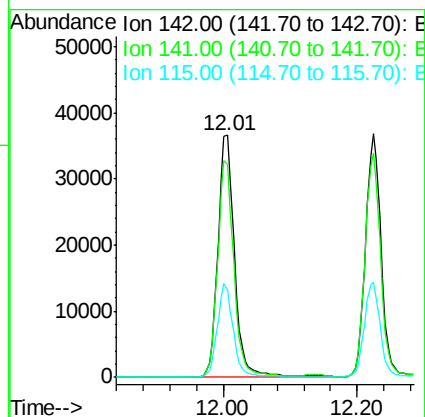
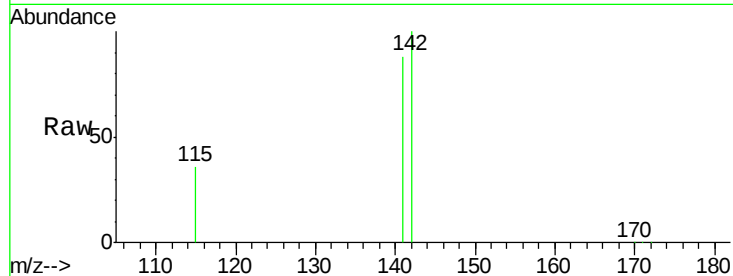




#11
2-Methylnaphthalene
Concen: 4.76 ng
RT: 12.01 min Scan# 1649
Delta R.T. -0.01 min
Lab File: BE090431.D
Acq: 11 Aug 2015 16:57

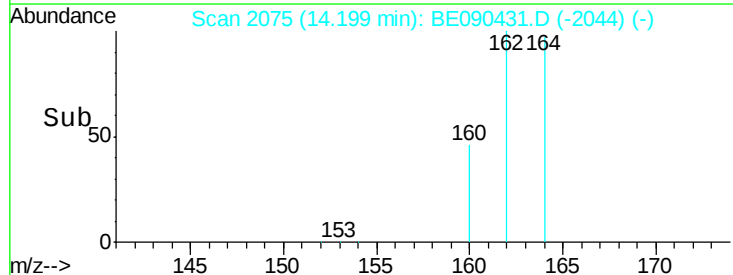
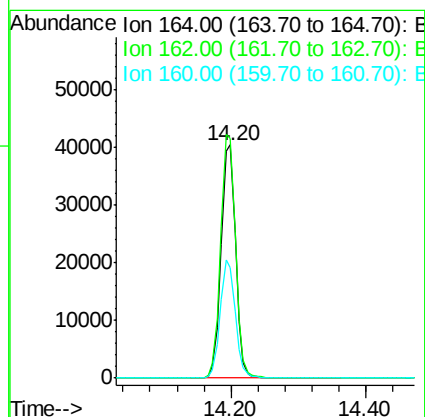
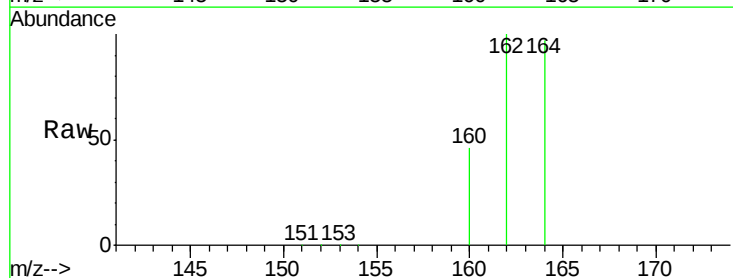
Instrument :
BNA_E
ClientSampleId :
PB84961BS

Tgt Ion:142 Resp: 62764
Ion Ratio Lower Upper
142 100
141 87.8 72.6 109.0
115 36.2 31.6 47.4



#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.20 min Scan# 2075
Delta R.T. -0.00 min
Lab File: BE090431.D
Acq: 11 Aug 2015 16:57

Tgt Ion:164 Resp: 59947
Ion Ratio Lower Upper
164 100
162 102.9 81.8 122.8
160 47.4 44.2 66.4

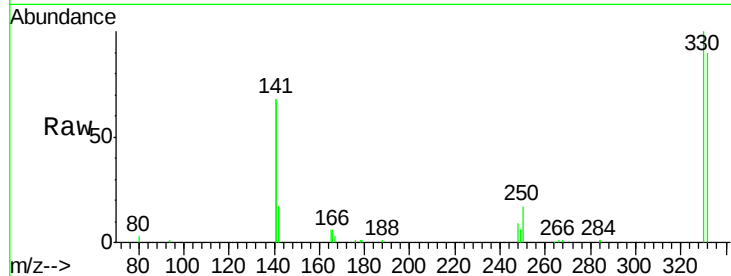




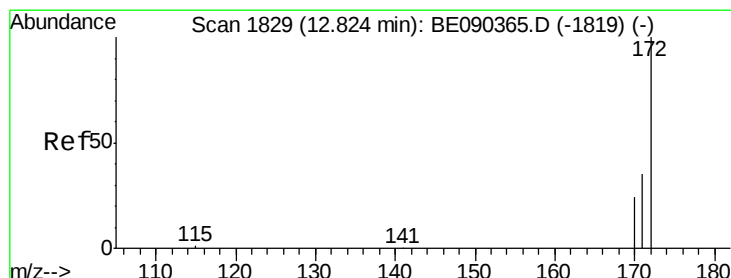
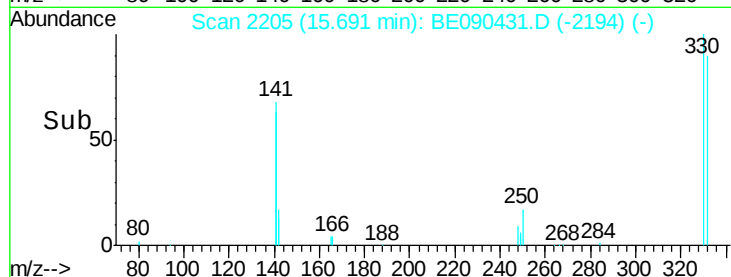
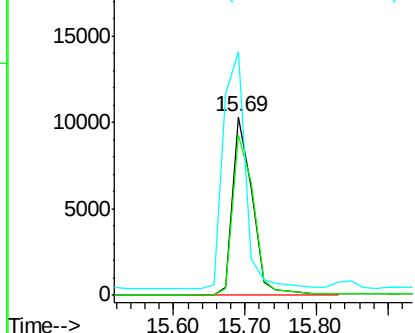
#13
 2,4,6-Tribromophenol
 Concen: 9.60 ng
 RT: 15.69 min Scan# 2205
 Delta R.T. -0.02 min
 Lab File: BE090431.D
 Acq: 11 Aug 2015 16:57

Instrument :
 BNA_E
 ClientSampleId :
 PB84961BS

Tgt Ion: 330 Resp: 19280
 Ion Ratio Lower Upper
 330 100
 332 95.4 75.8 113.6
 141 155.3 114.4 171.6

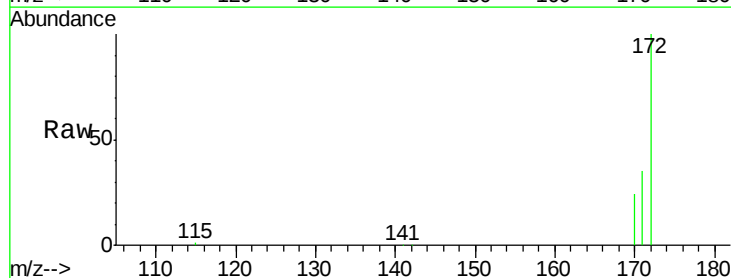


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

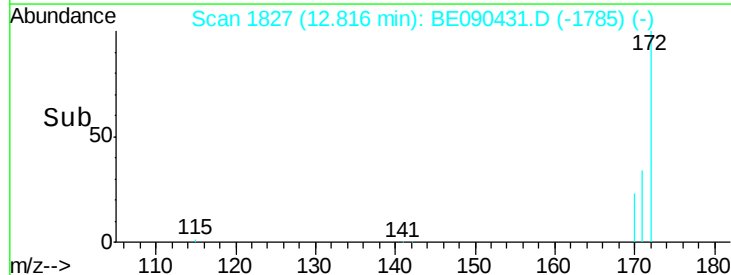
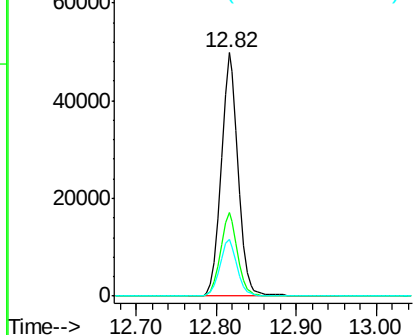


#14
 2-Fluorobiphenyl
 Concen: 4.43 ng
 RT: 12.82 min Scan# 1827
 Delta R.T. -0.01 min
 Lab File: BE090431.D
 Acq: 11 Aug 2015 16:57

Tgt Ion: 172 Resp: 73086
 Ion Ratio Lower Upper
 172 100
 171 34.5 28.5 42.7
 170 23.5 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: 4.56 ng

RT: 13.91 min Scan# 2031

Delta R.T. -0.00 min

Lab File: BE090431.D

Acq: 11 Aug 2015 16:57

Instrument :

BNA_E

ClientSampleId :

PB84961BS

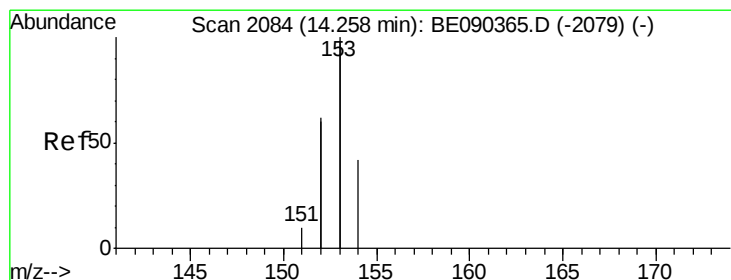
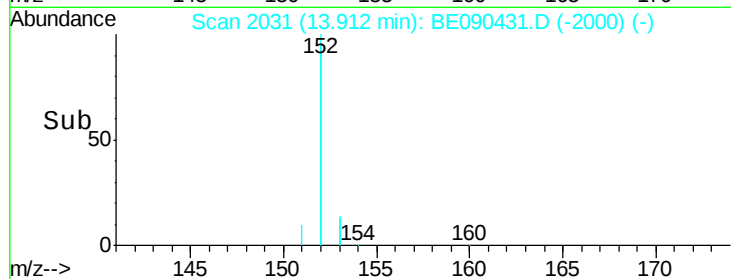
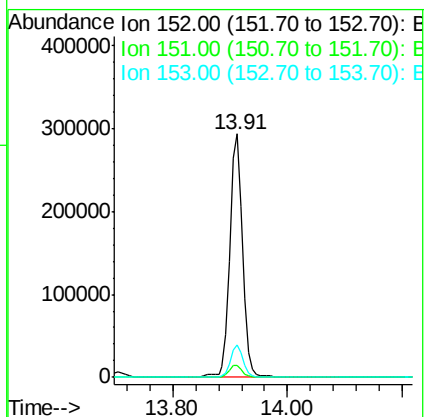
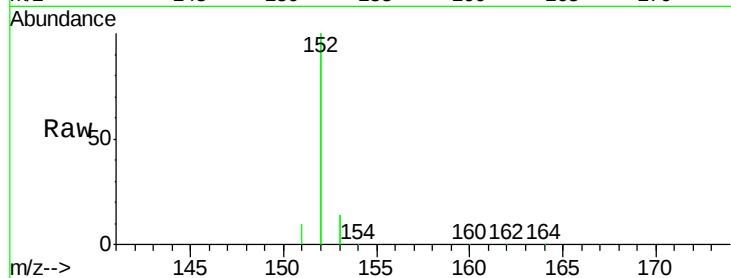
Tgt Ion:152 Resp: 442531

Ion Ratio Lower Upper

152 100

151 4.9 3.8 5.8

153 13.0 10.3 15.5



#16

Acenaphthene

Concen: 4.31 ng

RT: 14.26 min Scan# 2084

Delta R.T. -0.00 min

Lab File: BE090431.D

Acq: 11 Aug 2015 16:57

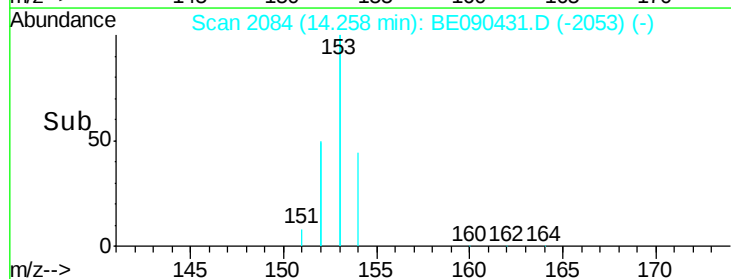
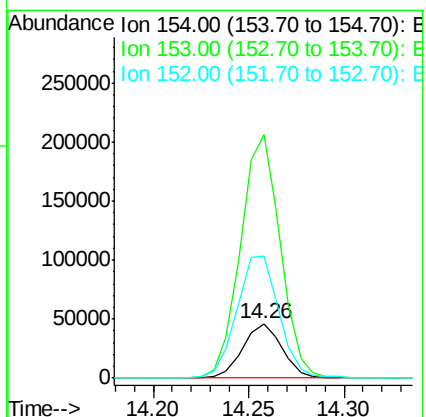
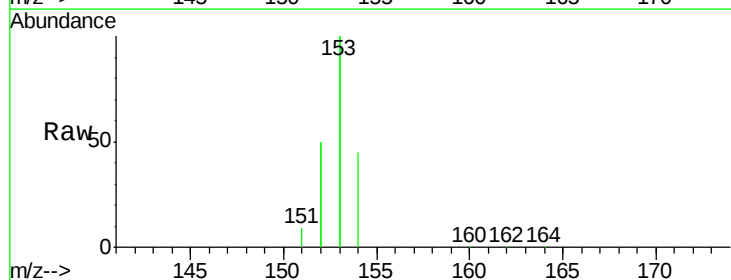
Tgt Ion:154 Resp: 65003

Ion Ratio Lower Upper

154 100

153 458.7 376.2 564.2

152 243.3 235.0 352.4





#17

Fluorene

Concen: 4.48 ng

RT: 15.26 min Scan# 2180

Delta R.T. 0.00 min

Lab File: BE090431.D

Acq: 11 Aug 2015 16:57

Instrument :

BNA_E

ClientSampleId :

PB84961BS

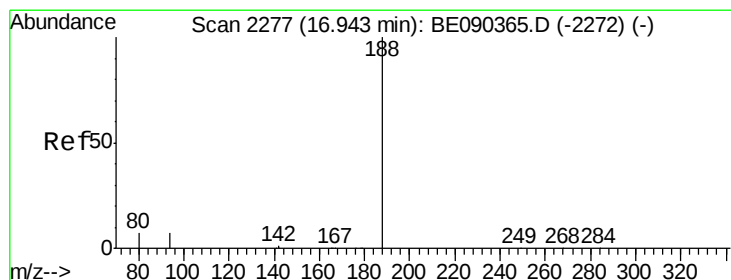
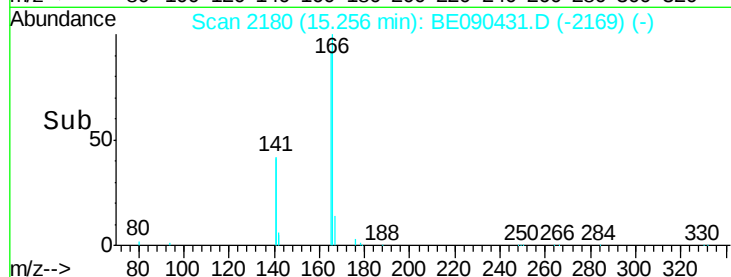
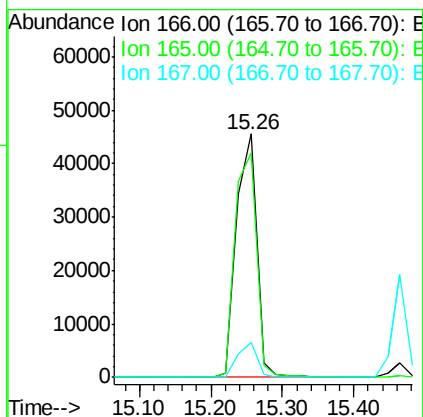
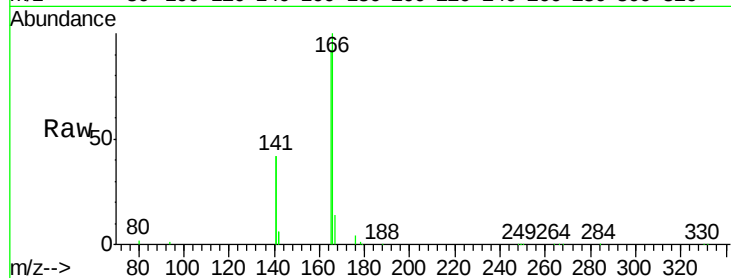
Tgt Ion:166 Resp: 87751

Ion Ratio Lower Upper

166 100

165 98.6 81.5 122.3

167 13.6 11.4 17.0



#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.94 min Scan# 2277

Delta R.T. 0.00 min

Lab File: BE090431.D

Acq: 11 Aug 2015 16:57

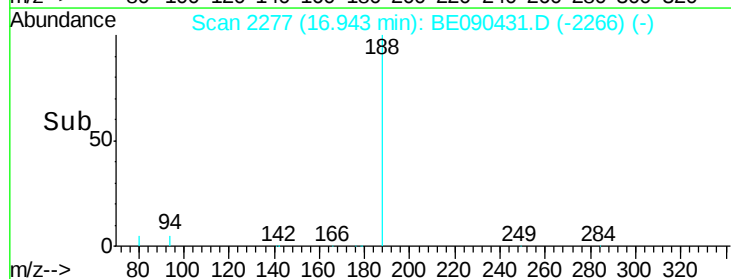
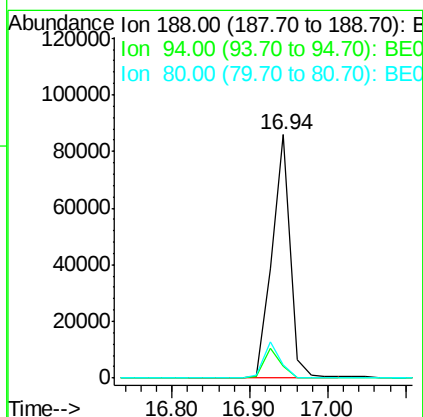
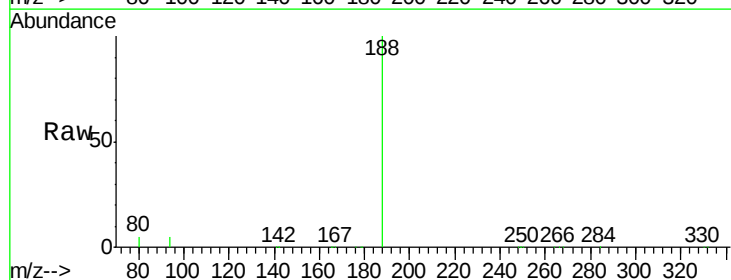
Tgt Ion:188 Resp: 139144

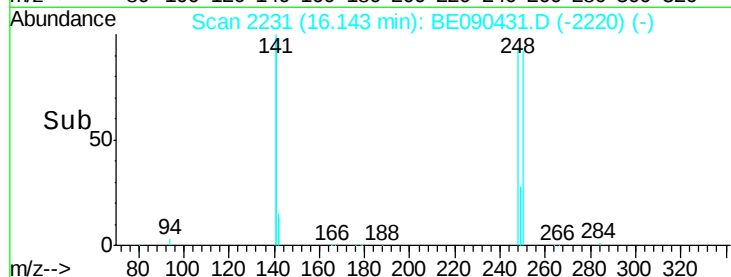
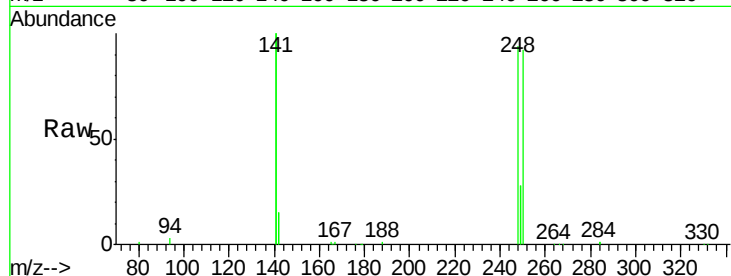
Ion Ratio Lower Upper

188 100

94 5.1 5.7 8.5#

80 5.2 5.8 8.8#

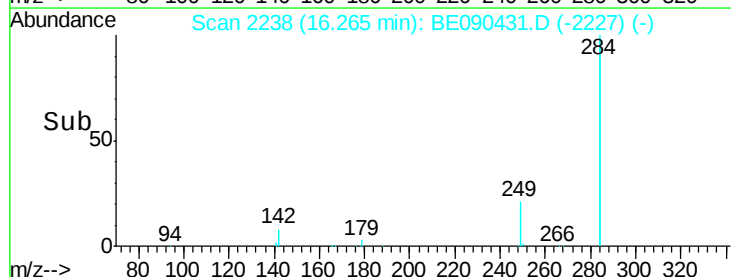
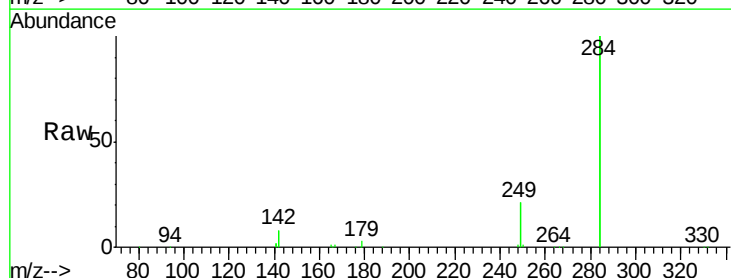
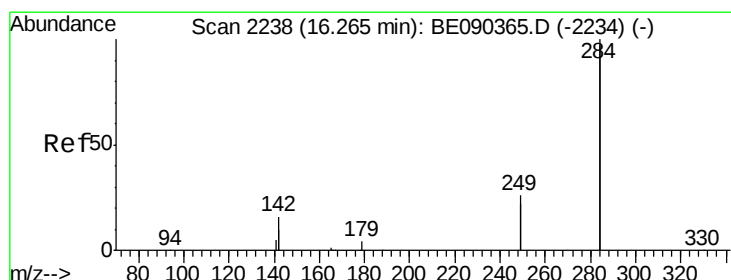
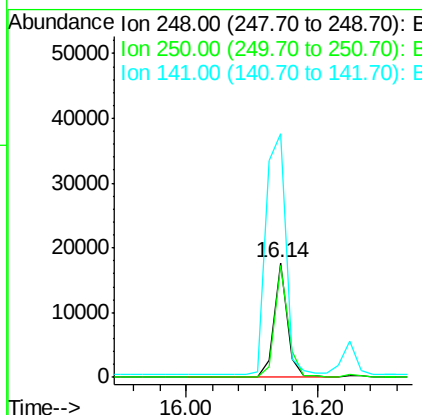




#19
4-Bromophenyl-phenylether
Concen: 4.56 ng
RT: 16.14 min Scan# 2231
Delta R.T. 0.00 min
Lab File: BE090431.D
Acq: 11 Aug 2015 16:57

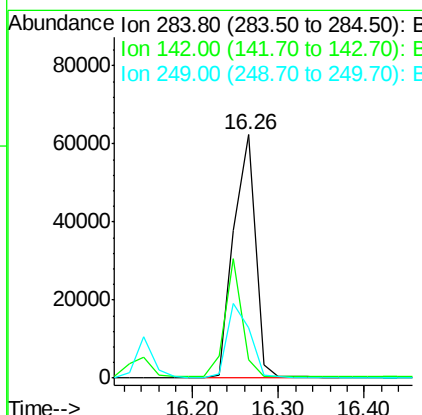
Instrument :
BNA_E
ClientSampleId :
PB84961BS

Tgt Ion:248 Resp: 24658
Ion Ratio Lower Upper
248 100
250 98.5 79.0 118.6
141 314.5 239.5 359.3



#20
Hexachlorobenzene
Concen: 3.90 ng
RT: 16.26 min Scan# 2238
Delta R.T. 0.00 min
Lab File: BE090431.D
Acq: 11 Aug 2015 16:57

Tgt Ion:284 Resp: 109035
Ion Ratio Lower Upper
284 100
142 38.7 30.1 45.1
249 31.7 25.7 38.5





#21

Pentachlorophenol

Concen: 8.16 ng

RT: 16.60 min Scan# 2257

Delta R.T. -0.02 min

Lab File: BE090431.D

Acq: 11 Aug 2015 16:57

Instrument :

BNA_E

ClientSampleId :

PB84961BS

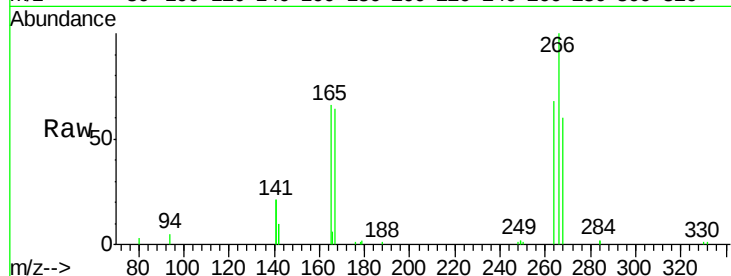
Tgt Ion:266 Resp: 18387

Ion Ratio Lower Upper

266 100

268 60.4 58.5 87.7

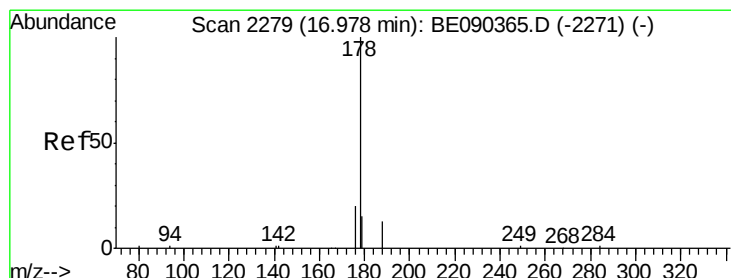
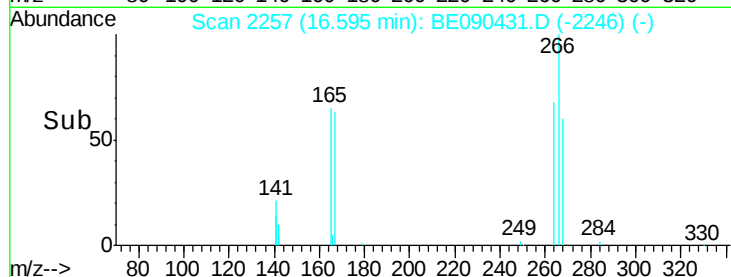
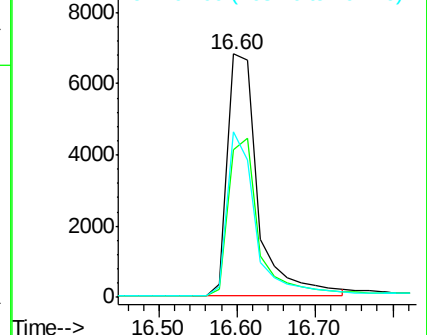
264 67.9 56.0 84.0



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: 4.34 ng

RT: 16.98 min Scan# 2279

Delta R.T. 0.00 min

Lab File: BE090431.D

Acq: 11 Aug 2015 16:57

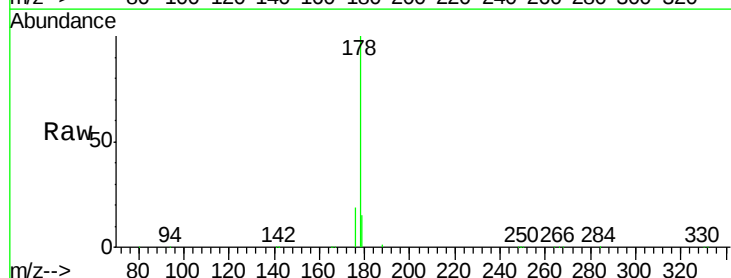
Tgt Ion:178 Resp: 150994

Ion Ratio Lower Upper

178 100

176 19.5 15.4 23.2

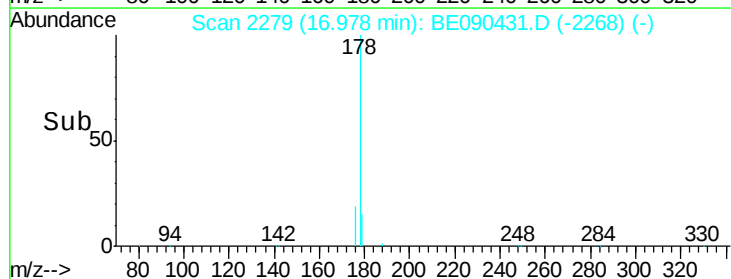
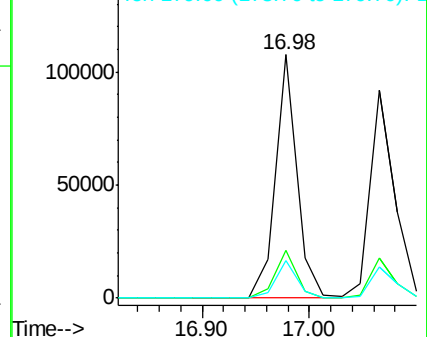
179 15.5 12.5 18.7



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: 5.14 ng

RT: 17.07 min Scan# 2284

Delta R.T. -0.02 min

Lab File: BE090431.D

Acq: 11 Aug 2015 16:57

Instrument :

BNA_E

ClientSampleId :

PB84961BS

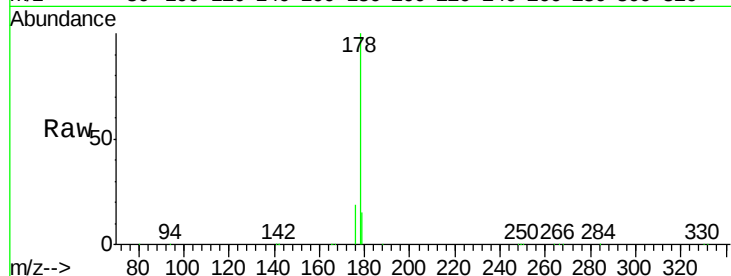
Tgt Ion:178 Resp: 147068

Ion Ratio Lower Upper

178 100

176 18.8 14.9 22.3

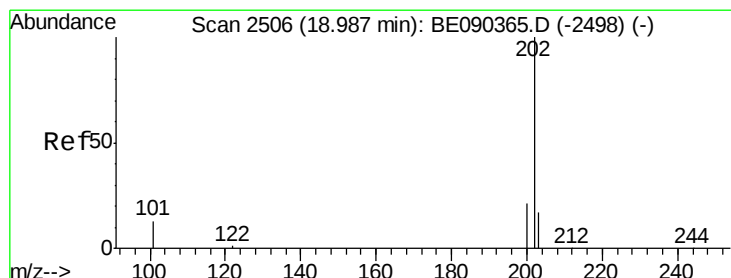
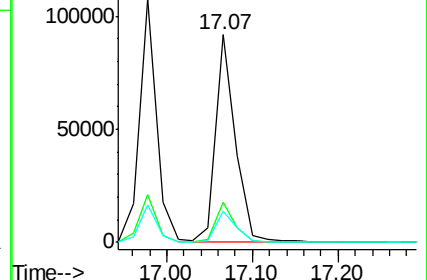
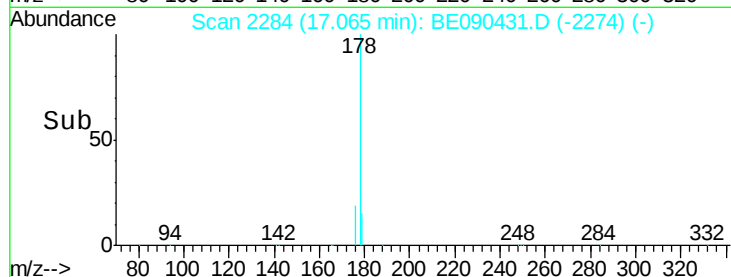
179 15.5 12.2 18.4



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: 5.02 ng

RT: 18.98 min Scan# 2505

Delta R.T. -0.01 min

Lab File: BE090431.D

Acq: 11 Aug 2015 16:57

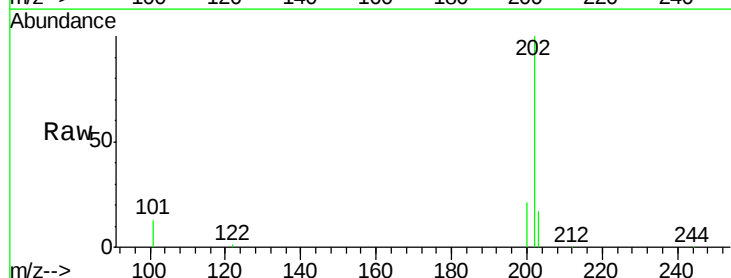
Tgt Ion:202 Resp: 171970

Ion Ratio Lower Upper

202 100

101 13.5 10.3 15.5

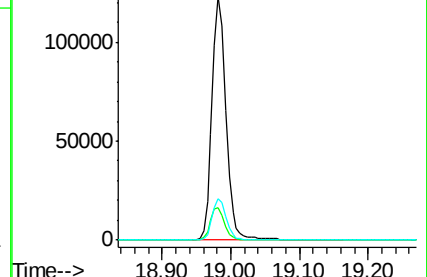
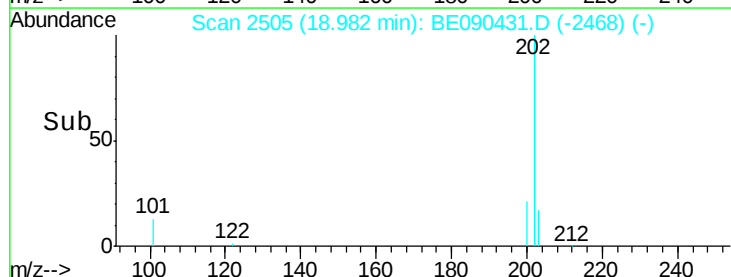
203 17.2 13.7 20.5



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. -0.01 min

Lab File: BE090431.D

Acq: 11 Aug 2015 16:57

Instrument :

BNA_E

ClientSampleId :

PB84961BS

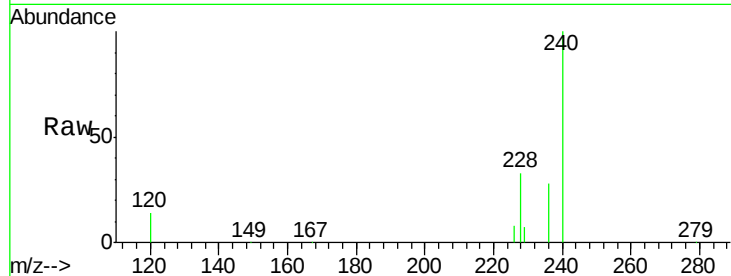
Tgt Ion:240 Resp: 167383

Ion Ratio Lower Upper

240 100

120 14.0 8.3 12.5#

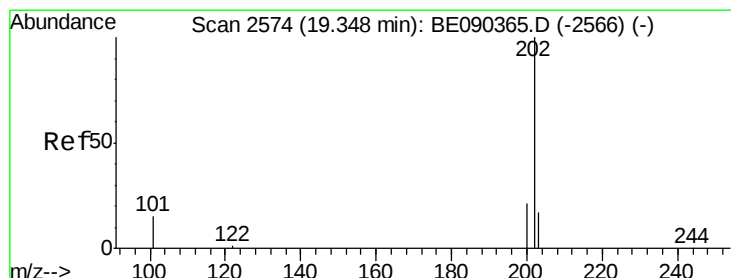
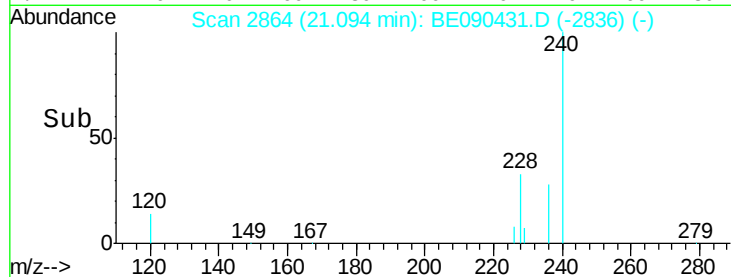
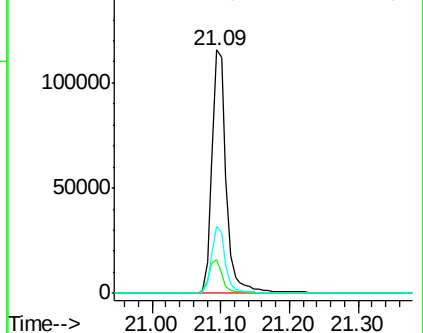
236 27.7 21.0 31.4



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: 5.14 ng

RT: 19.34 min Scan# 2573

Delta R.T. -0.01 min

Lab File: BE090431.D

Acq: 11 Aug 2015 16:57

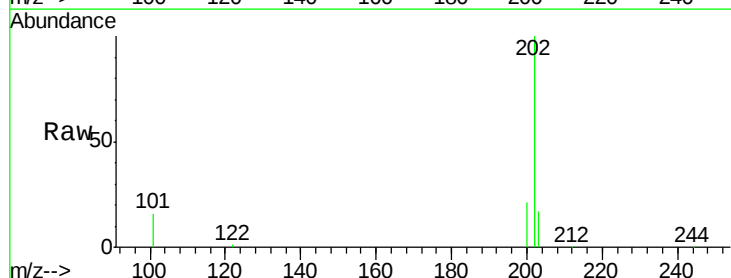
Tgt Ion:202 Resp: 186394

Ion Ratio Lower Upper

202 100

200 21.2 16.7 25.1

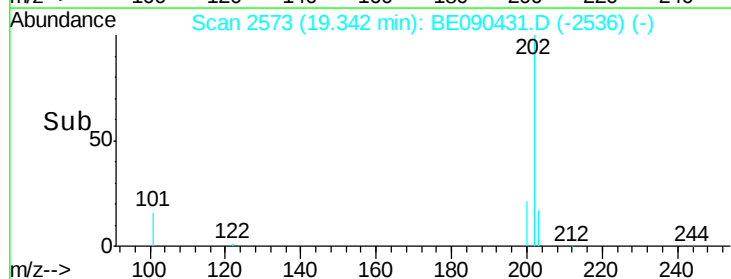
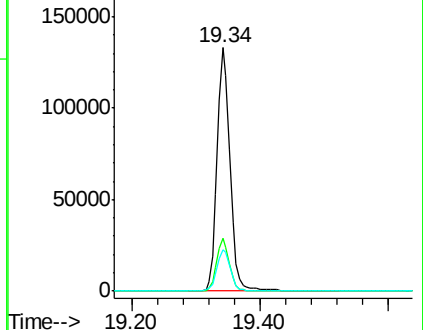
203 17.9 13.8 20.8



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

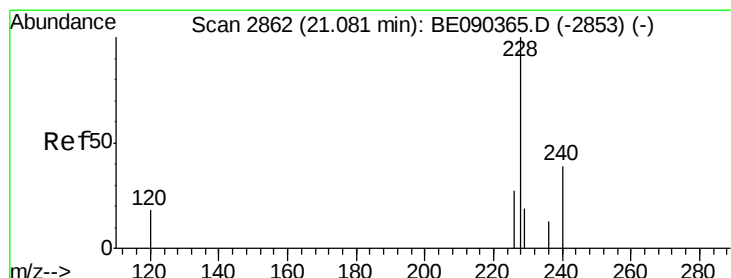
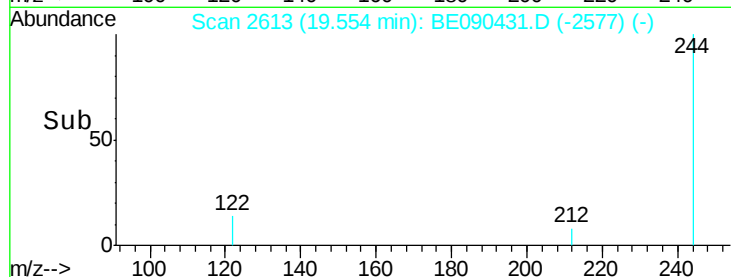
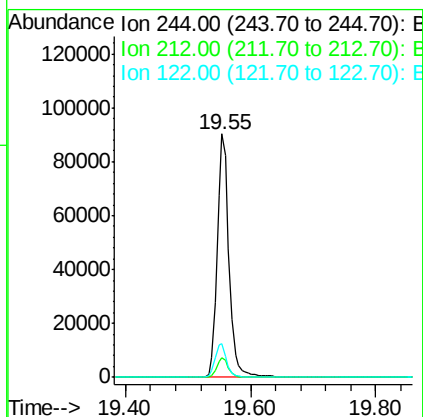
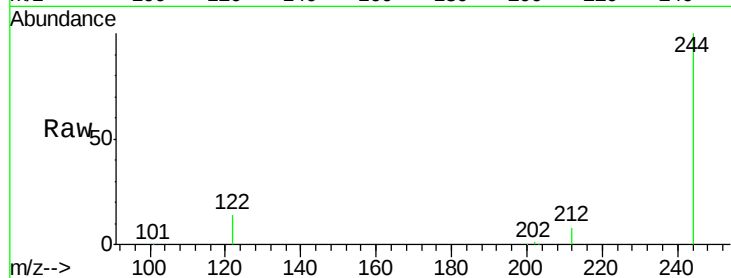




#27
 Terphenyl-d14
 Concen: 4.80 ng
 RT: 19.55 min Scan# 2613
 Delta R.T. -0.01 min
 Lab File: BE090431.D
 Acq: 11 Aug 2015 16:57

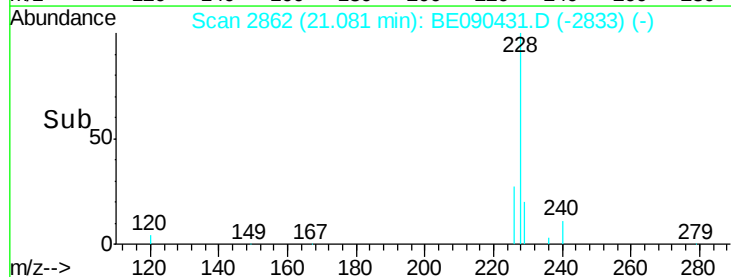
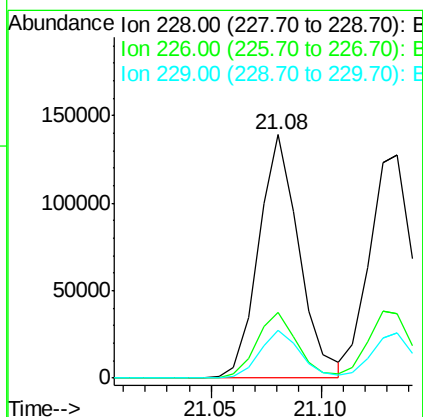
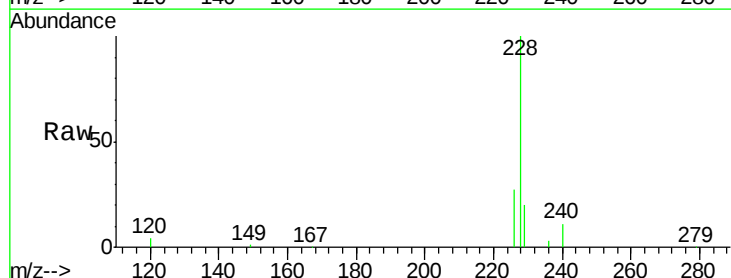
Instrument :
 BNA_E
 ClientSampleId :
 PB84961BS

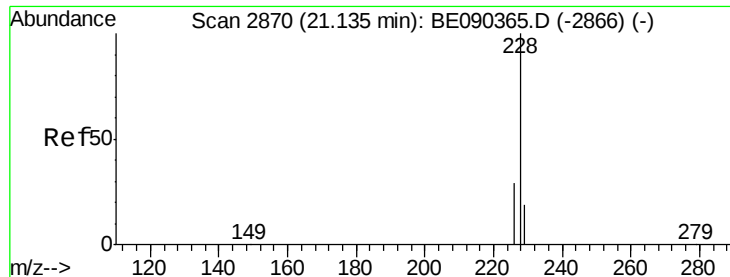
Tgt Ion:244 Resp: 118482
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.6 9.8
 122 13.8 10.2 15.4



#28
 Benzo(a)anthracene
 Concen: 4.78 ng
 RT: 21.08 min Scan# 2862
 Delta R.T. -0.00 min
 Lab File: BE090431.D
 Acq: 11 Aug 2015 16:57

Tgt Ion:228 Resp: 177419
 Ion Ratio Lower Upper
 228 100
 226 27.1 21.9 32.9
 229 19.7 15.4 23.0





#29

Chrysene

Concen: 4.19 ng

RT: 21.13 min Scan# 2870

Delta R.T. -0.00 min

Lab File: BE090431.D

Acq: 11 Aug 2015 16:57

Instrument :

BNA_E

ClientSampleId :

PB84961BS

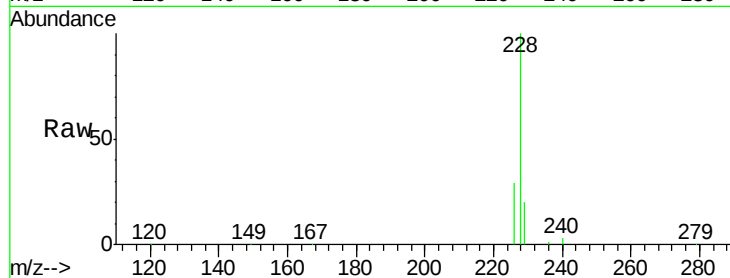
Tgt Ion:228 Resp: 188041

Ion Ratio Lower Upper

228 100

226 28.9 23.1 34.7

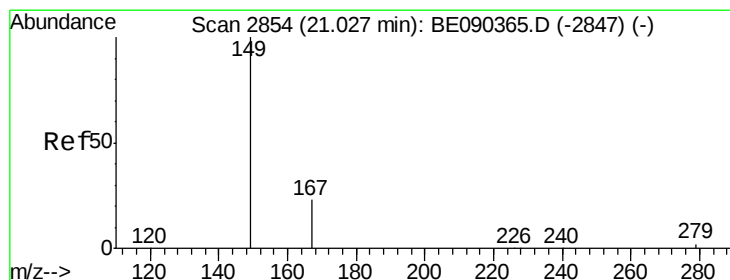
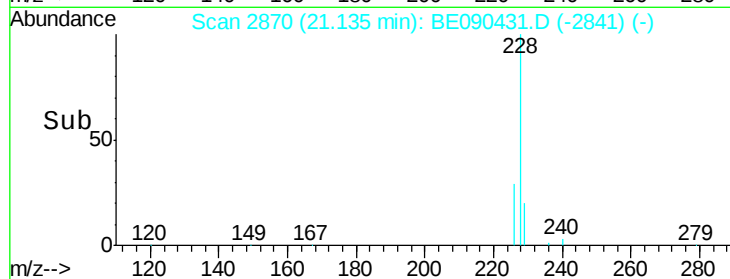
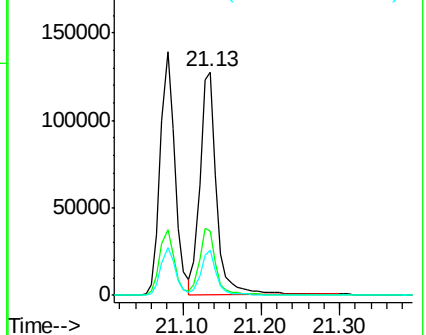
229 20.1 15.8 23.8



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: 5.12 ng

RT: 21.03 min Scan# 2854

Delta R.T. 0.00 min

Lab File: BE090431.D

Acq: 11 Aug 2015 16:57

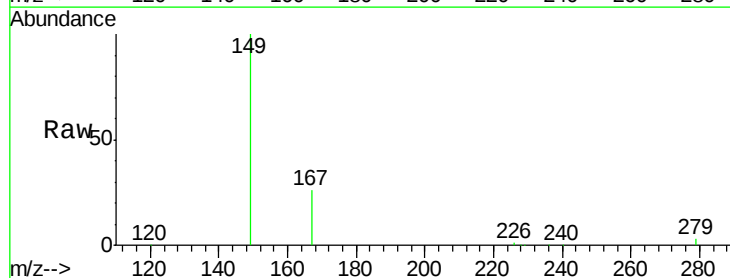
Tgt Ion:149 Resp: 69410

Ion Ratio Lower Upper

149 100

167 25.5 19.8 29.8

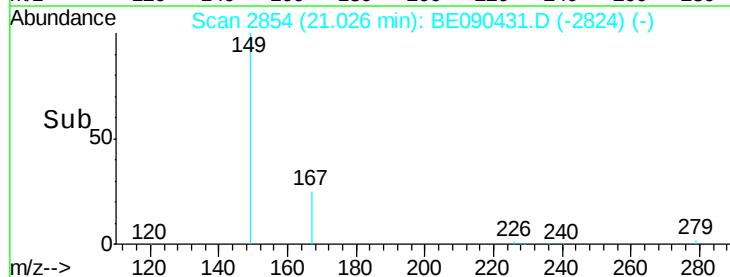
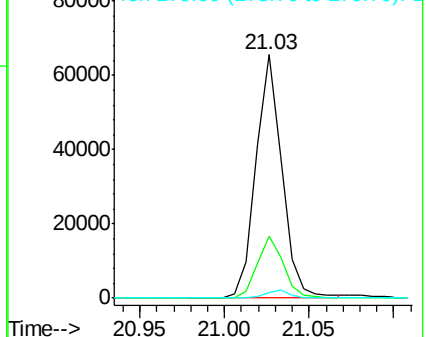
279 3.2 2.4 3.6



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: 3.90 ng

RT: 25.78 min Scan# 3827

Delta R.T. -0.00 min

Lab File: BE090431.D

Acq: 11 Aug 2015 16:57

Instrument :

BNA_E

ClientSampleId :

PB84961BS

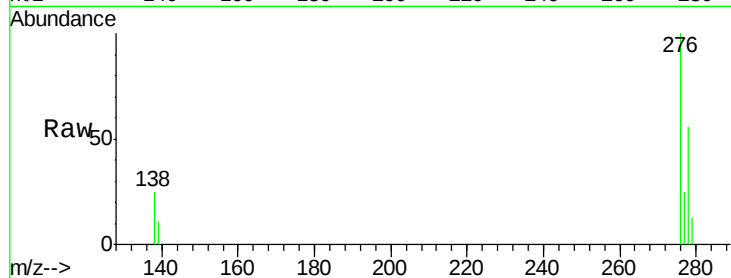
Tgt Ion:276 Resp: 155491

Ion Ratio Lower Upper

276 100

138 26.3 18.8 28.2

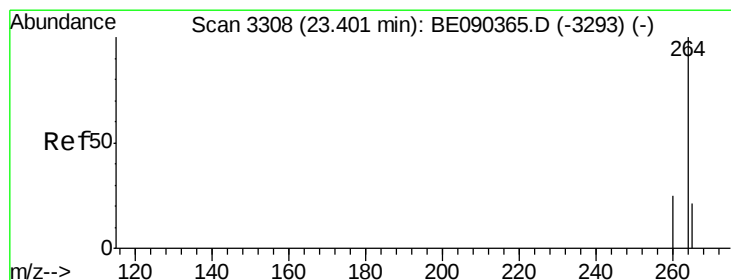
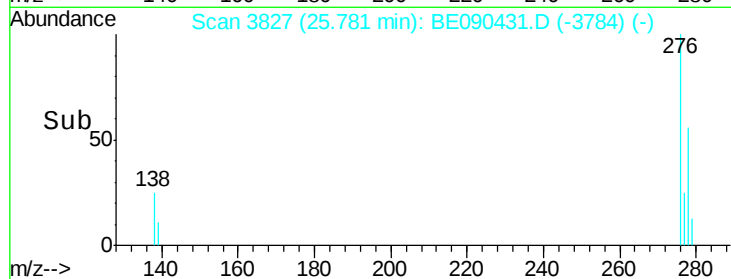
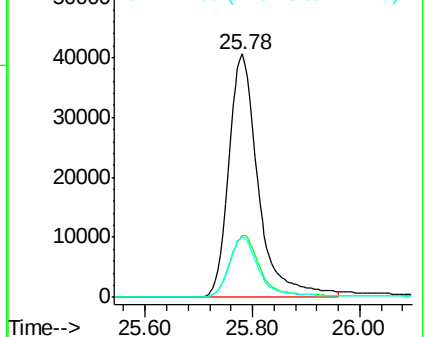
277 24.9 18.2 27.4



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: 23.40 min Scan# 3307

Delta R.T. -0.00 min

Lab File: BE090431.D

Acq: 11 Aug 2015 16:57

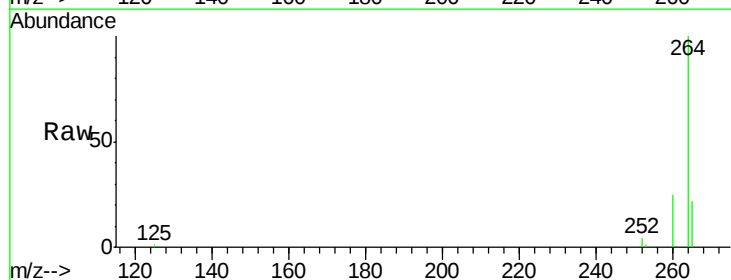
Tgt Ion:264 Resp: 144829

Ion Ratio Lower Upper

264 100

260 24.9 20.1 30.1

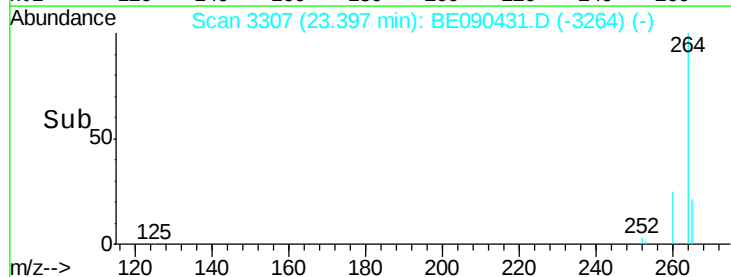
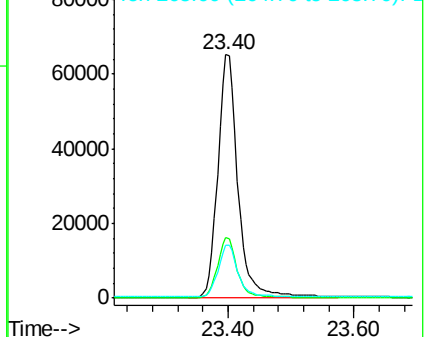
265 21.5 17.2 25.8



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: 4.51 ng

RT: 22.70 min Scan# 3153

Delta R.T. -0.01 min

Lab File: BE090431.D

Acq: 11 Aug 2015 16:57

Instrument :

BNA_E

ClientSampleId :

PB84961BS

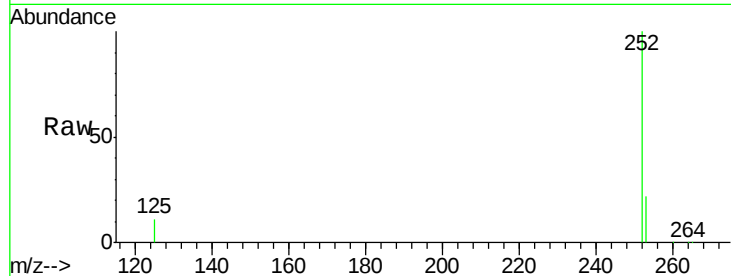
Tgt Ion:252 Resp: 146903

Ion Ratio Lower Upper

252 100

253 22.1 18.1 27.1

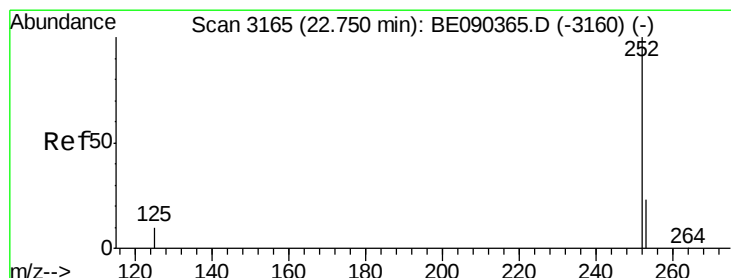
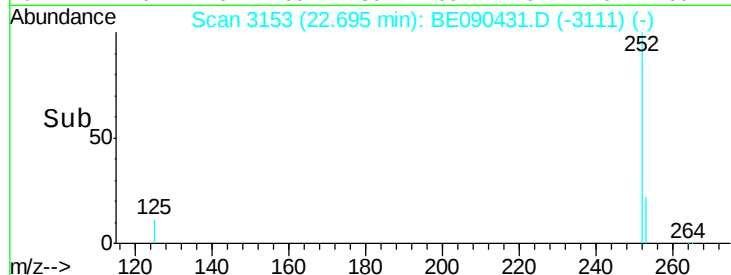
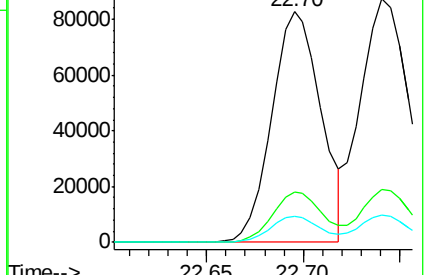
125 11.2 9.4 14.2



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: 4.25 ng

RT: 22.74 min Scan# 3163

Delta R.T. -0.01 min

Lab File: BE090431.D

Acq: 11 Aug 2015 16:57

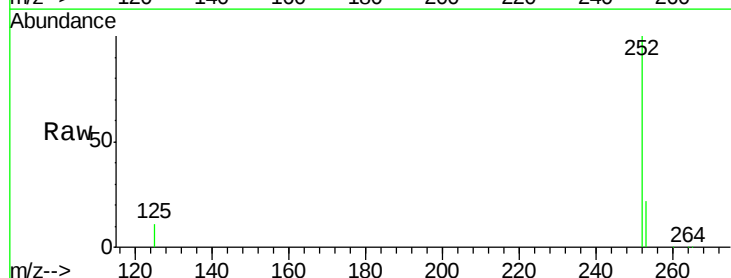
Tgt Ion:252 Resp: 171371

Ion Ratio Lower Upper

252 100

253 21.8 18.1 27.1

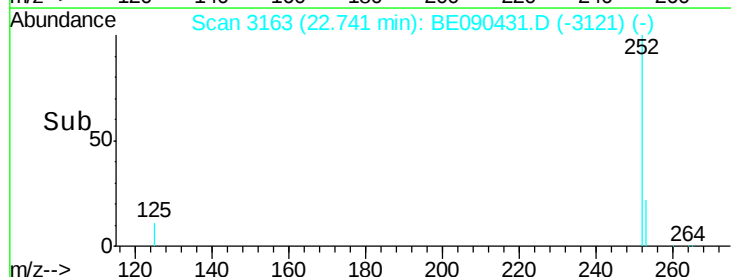
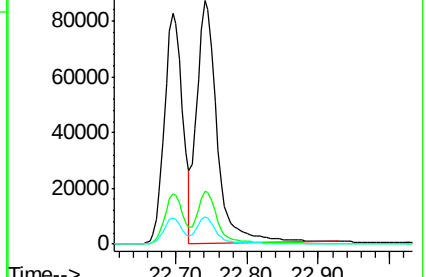
125 11.2 9.1 13.7



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: 4.46 ng

RT: 23.29 min Scan# 3284

Delta R.T. -0.00 min

Lab File: BE090431.D

Acq: 11 Aug 2015 16:57

Instrument :

BNA_E

ClientSampleId :

PB84961BS

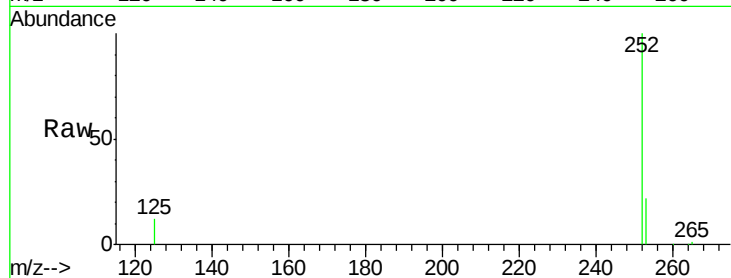
Tgt Ion:252 Resp: 137417

Ion Ratio Lower Upper

252 100

253 22.2 17.6 26.4

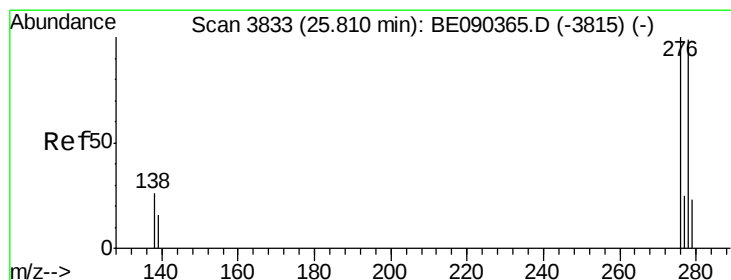
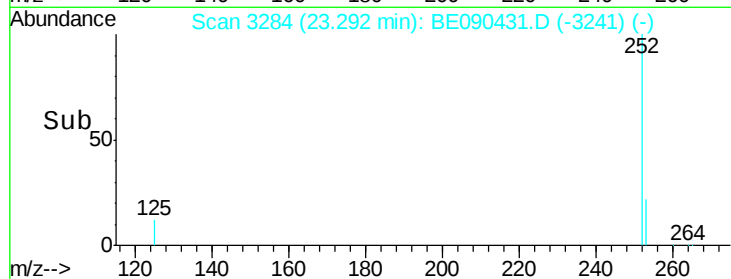
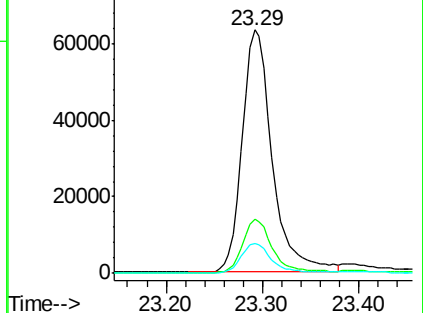
125 12.2 9.8 14.6



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: 4.15 ng

RT: 25.80 min Scan# 3831

Delta R.T. -0.01 min

Lab File: BE090431.D

Acq: 11 Aug 2015 16:57

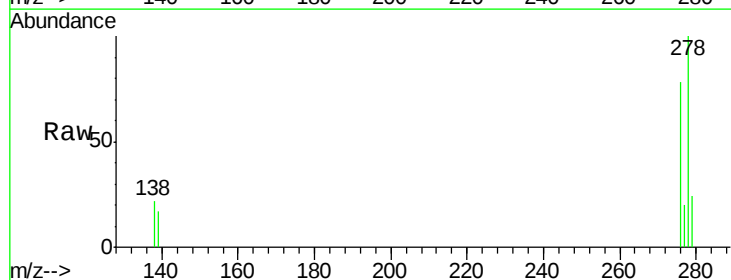
Tgt Ion:278 Resp: 124341

Ion Ratio Lower Upper

278 100

139 17.3 14.2 21.4

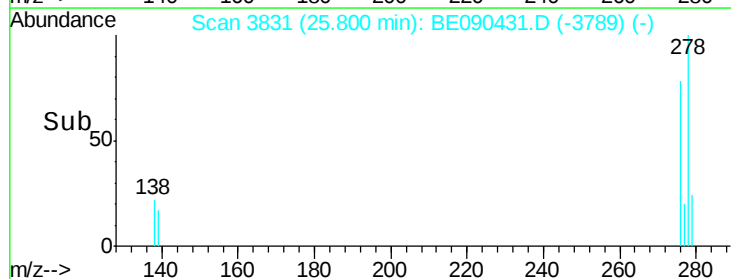
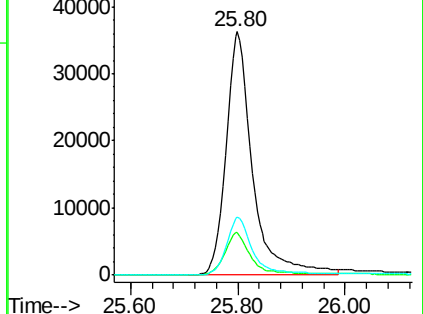
279 23.9 20.1 30.1



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#37

Benzo(g,h,i)perylene

Concen: 5.17 ng

RT: 26.51 min Scan# 3987

Delta R.T. -0.01 min

Lab File: BE090431.D

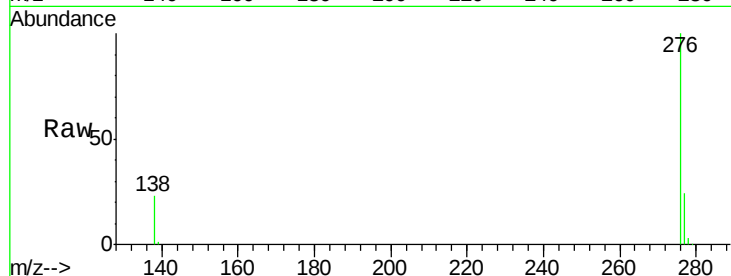
Acq: 11 Aug 2015 16:57

Instrument :

BNA_E

ClientSampleId :

PB84961BS



Tgt Ion: 276 Resp: 138215

Ion Ratio Lower Upper

276 100

277 23.6 20.1 30.1

138 23.3 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

