

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE080715\
 Data File : BE090397.D
 Acq On : 7 Aug 2015 14:50
 Operator : TP/UM
 Sample : PB84854BSD
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB84854BSD

Quant Time: Aug 07 23:04:08 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	16426	5.00	ng	0.00
6) Naphthalene-d8	10.34	136	74697	5.00	ng	0.00
12) Acenaphthene-d10	14.20	164	42282	5.00	ng	0.00
18) Phenanthrene-d10	16.94	188	95255	5.00	ng	0.00
25) Chrysene-d12	21.10	240	125598	5.00	ng	0.00
32) Perylene-d12	23.40	264	102437	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.22	112	25052	10.17	ng	0.00
5) Phenol-d6	6.76	99	43152	8.07	ng	-0.01
7) Nitrobenzene-d5	8.72	82	29641	4.88	ng	-0.01
13) 2,4,6-Tribromophenol	15.69	330	9011	7.28	ng	-0.02
14) 2-Fluorobiphenyl	12.82	172	67613	5.81	ng	0.00
27) Terphenyl-d14	19.56	244	110271	5.96	ng	0.00

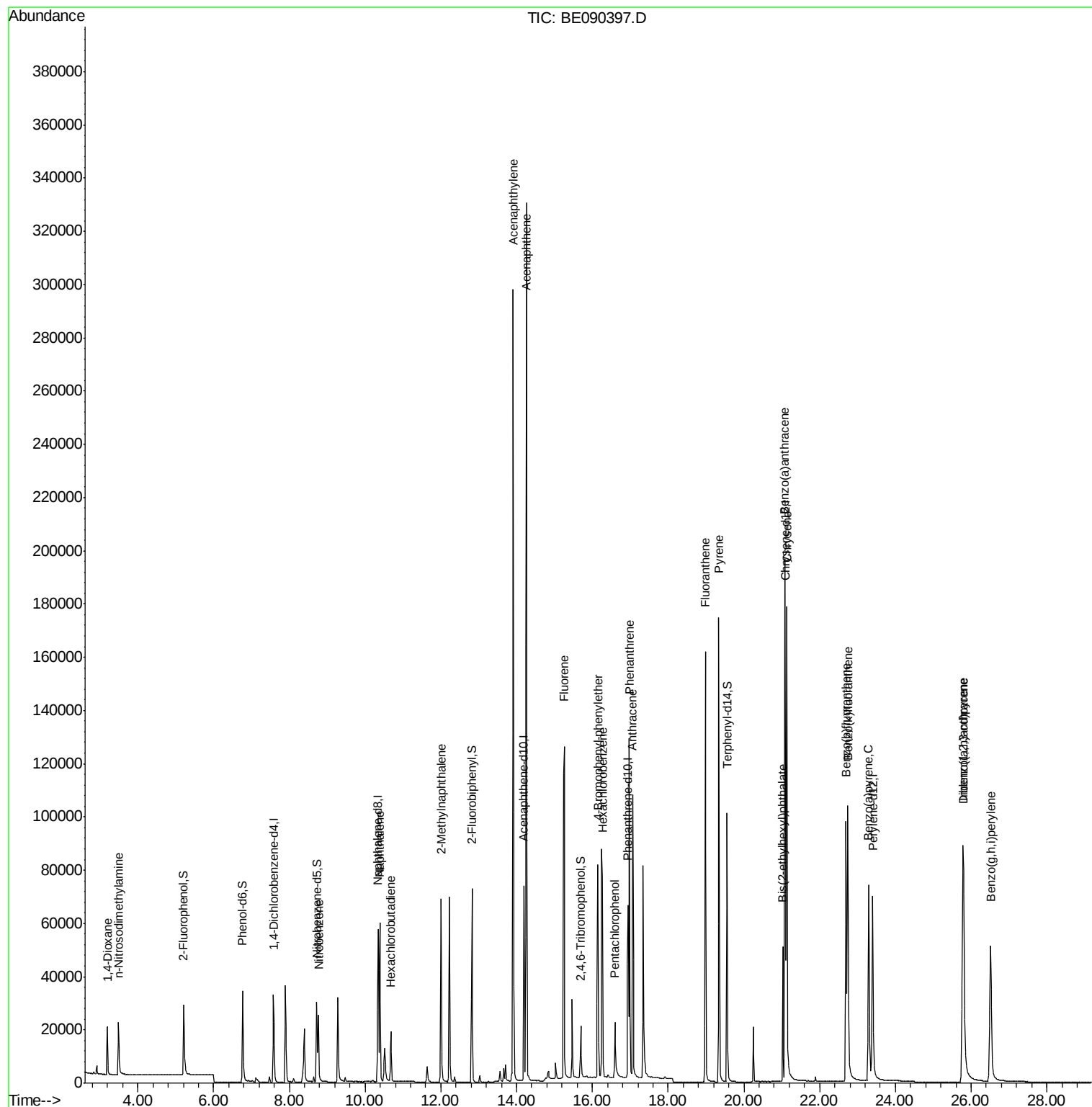
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.20	88	10823	5.61	ng	97
3) n-Nitrosodimethylamine	3.49	42	13262	5.22	ng	92
8) Nitrobenzene	8.77	77	30536	4.71	ng	98
9) Naphthalene	10.38	128	82214	4.98	ng	98
10) Hexachlorobutadiene	10.68	225	13834	5.56	ng	99
11) 2-Methylnaphthalene	12.00	142	52884	5.53	ng	98
15) Acenaphthylene	13.91	152	376905	5.50	ng	100
16) Acenaphthene	14.26	154	56603	5.32	ng	92
17) Fluorene	15.26	166	75702	5.47	ng	98
19) 4-Bromophenyl-phenylether	16.14	248	21714	5.86	ng	99
20) Hexachlorobenzene	16.27	284	98555	5.15	ng	99
21) Pentachlorophenol	16.60	266	13196	8.40	ng	91
22) Phenanthrene	16.98	178	132815	5.57	ng	99
23) Anthracene	17.07	178	126736	6.47	ng	100
24) Fluoranthene	18.98	202	146850	6.26	ng	100
26) Pyrene	19.35	202	162751	5.98	ng	99
28) Benzo(a)anthracene	21.08	228	159094	5.72	ng	99
29) Chrysene	21.14	228	174829	5.20	ng	99
30) Bis(2-ethylhexyl)phthalate	21.03	149	40415	4.27	ng	99
31) Indeno(1,2,3-cd)pyrene	25.79	276	133766	4.44	ng	95
33) Benzo(b)fluoranthene	22.70	252	134536	5.78	ng	98
34) Benzo(k)fluoranthene	22.75	252	153963	5.40	ng	99
35) Benzo(a)pyrene	23.30	252	118248	5.38	ng	100
36) Dibenzo(a,h)anthracene	25.80	278	106588	4.97	ng	97
37) Benzo(g,h,i)perylene	26.51	276	117537	6.21	ng	98

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

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE080715\
Data File : BE090397.D
Acq On : 7 Aug 2015 14:50
Operator : TP/UM
Sample : PB84854BSD
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB84854BSD

Quant Time: Aug 07 23:04:08 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

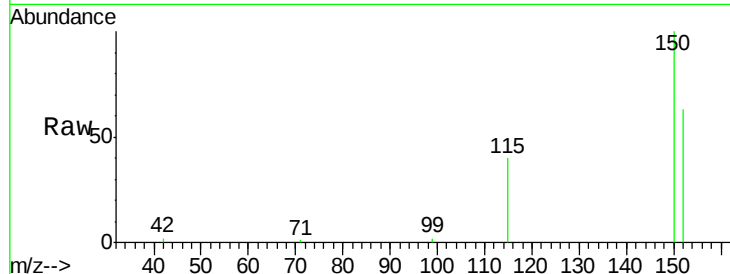




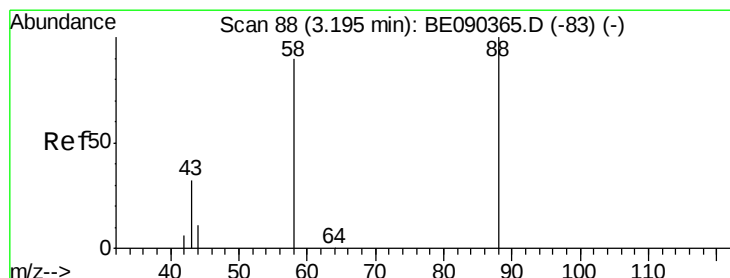
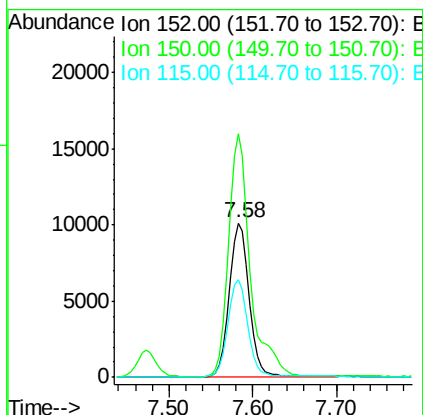
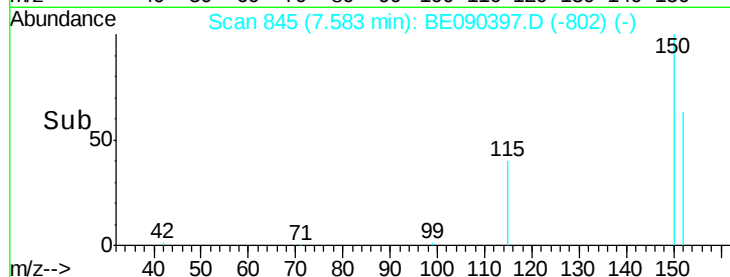
#1
 1,4-Dichlorobenzene-d4
 Concen: 5.00 ng
 RT: 7.58 min Scan# 845
 Delta R.T. -0.01 min
 Lab File: BE090397.D
 Acq: 7 Aug 2015 14:50

Instrument :
 BNA_E
 ClientSampleId :
 PB84854BSD

Tgt Ion:152 Resp: 16426
 Ion Ratio Lower Upper
 152 100
 150 158.0 123.0 184.4
 115 63.2 48.9 73.3

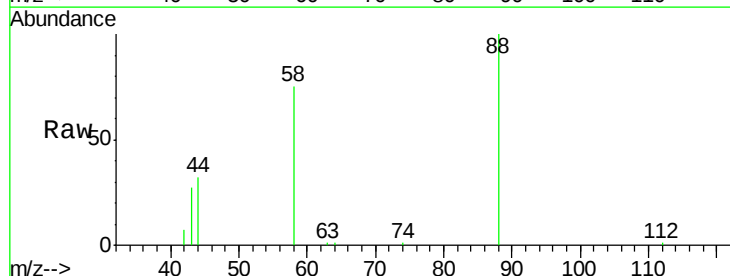


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

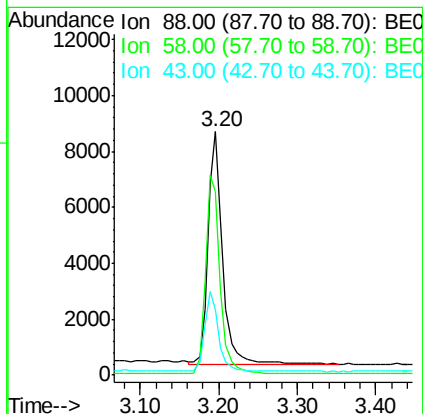
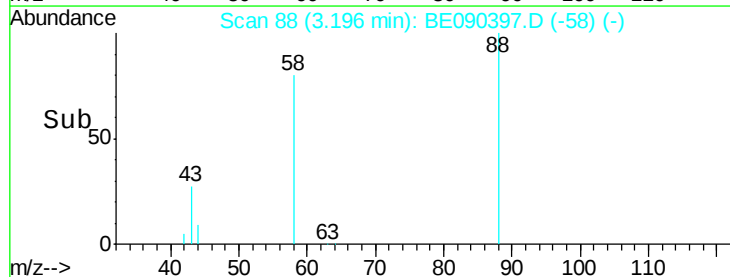


#2
 1,4-Dioxane
 Concen: 5.61 ng
 RT: 3.20 min Scan# 88
 Delta R.T. 0.00 min
 Lab File: BE090397.D
 Acq: 7 Aug 2015 14:50

Tgt Ion: 88 Resp: 10823
 Ion Ratio Lower Upper
 88 100
 58 85.4 70.0 105.0
 43 32.9 28.4 42.6



Abundance Ion 88.00 (87.70 to 88.70): BE0
 Ion 58.00 (57.70 to 58.70): BE0
 Ion 43.00 (42.70 to 43.70): BE0



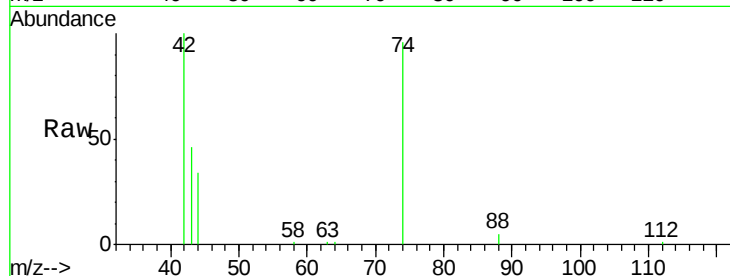


#3

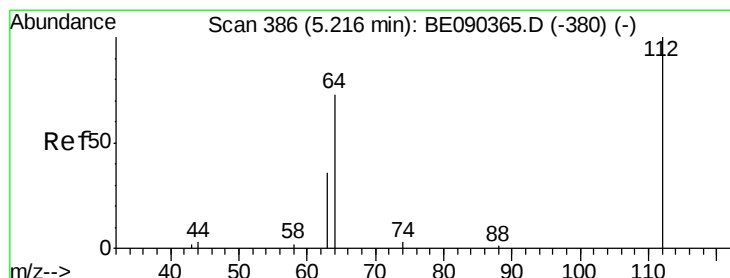
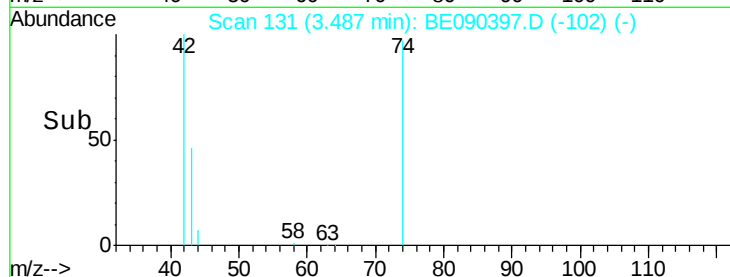
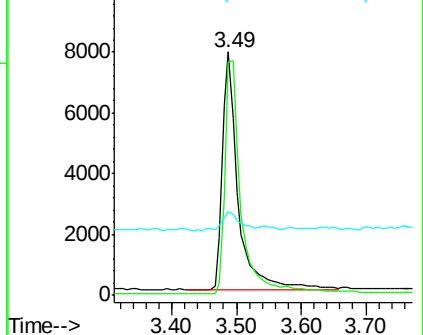
n-Nitrosodimethylamine
 Concen: 5.22 ng
 RT: 3.49 min Scan# 131
 Delta R.T. -0.01 min
 Lab File: BE090397.D
 Acq: 7 Aug 2015 14:50

Instrument :
 BNA_E
 ClientSampleId :
 PB84854BSD

Tgt Ion: 42 Resp: 13262
 Ion Ratio Lower Upper
 42 100
 74 102.2 75.2 112.8
 44 9.7 8.7 13.1



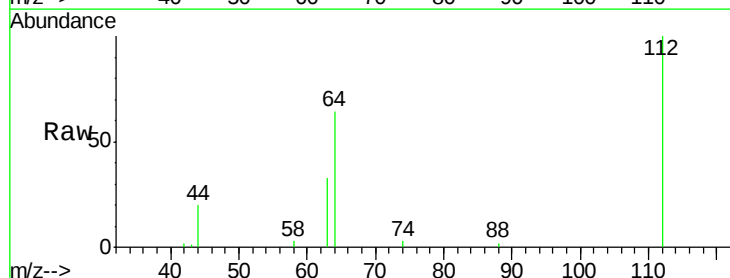
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



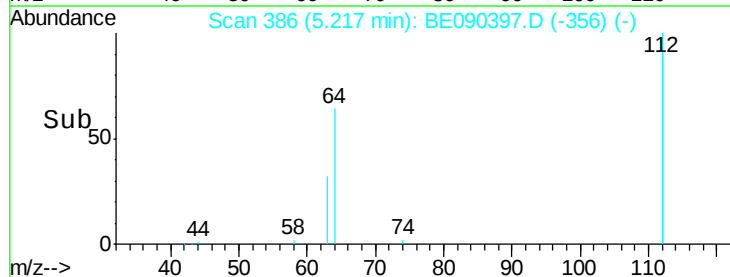
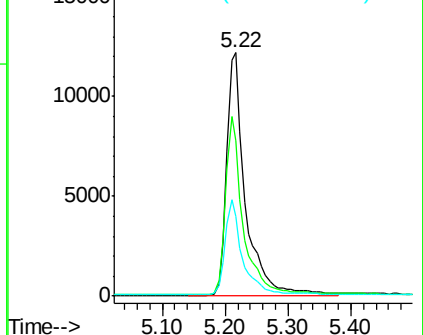
#4

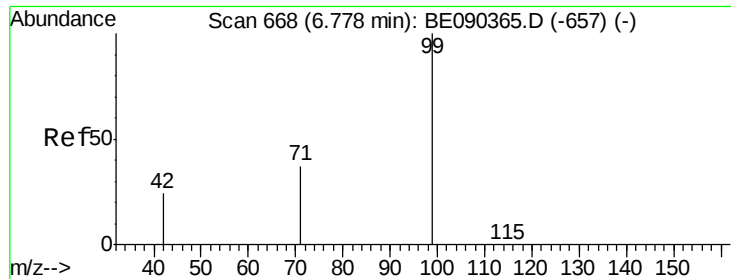
2-Fluorophenol
 Concen: 10.17 ng
 RT: 5.22 min Scan# 386
 Delta R.T. 0.00 min
 Lab File: BE090397.D
 Acq: 7 Aug 2015 14:50

Tgt Ion: 112 Resp: 25052
 Ion Ratio Lower Upper
 112 100
 64 71.1 37.1 55.7#
 63 37.2 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: 8.07 ng

RT: 6.76 min Scan# 665

Delta R.T. -0.01 min

Lab File: BE090397.D

Acq: 7 Aug 2015 14:50

Instrument :

BNA_E

ClientSampleId :

PB84854BSD

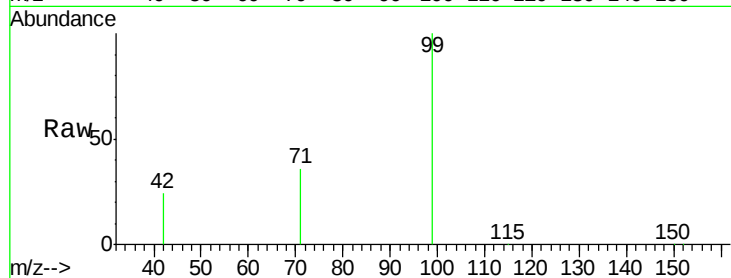
Tgt Ion: 99 Resp: 43152

Ion Ratio Lower Upper

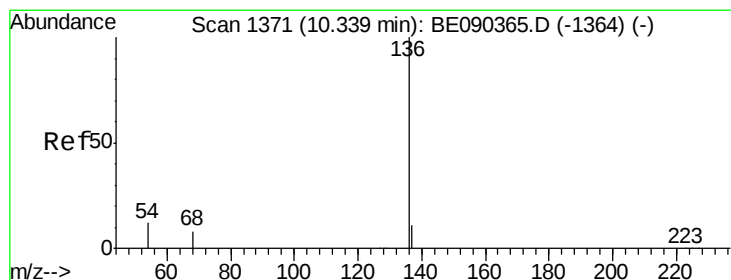
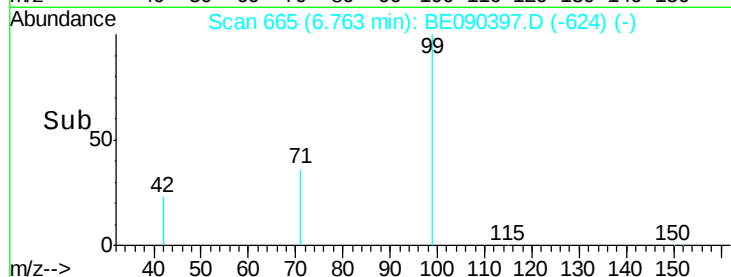
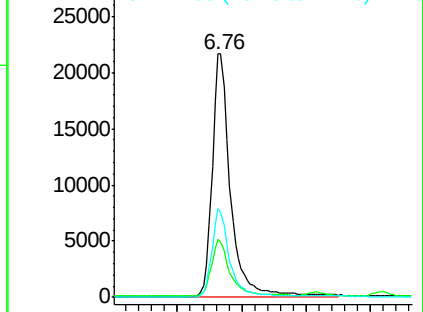
99 100

42 23.3 18.2 27.4

71 34.8 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: BE090397.D

Acq: 7 Aug 2015 14:50

Tgt Ion: 136 Resp: 74697

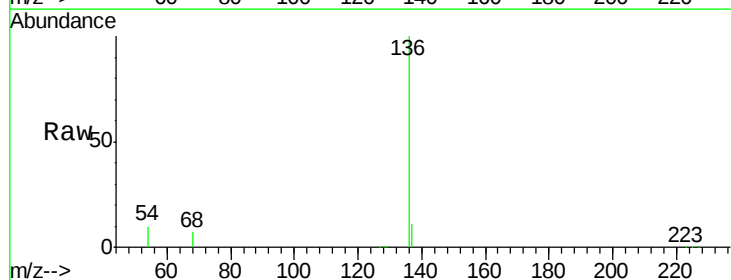
Ion Ratio Lower Upper

136 100

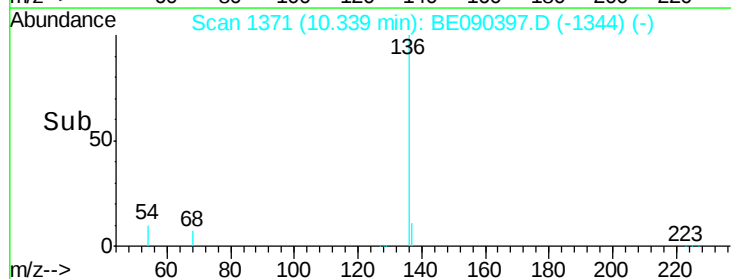
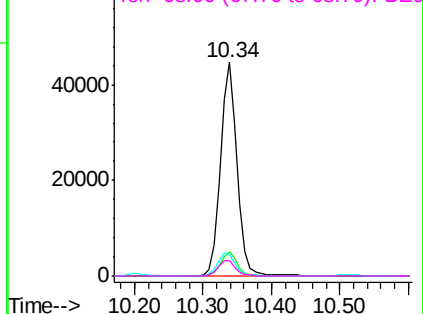
137 11.1 8.7 13.1

54 10.2 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: 4.88 ng

RT: 8.72 min Scan# 1091

Delta R.T. -0.01 min

Lab File: BE090397.D

Acq: 7 Aug 2015 14:50

Instrument :

BNA_E

ClientSampleId :

PB84854BSD

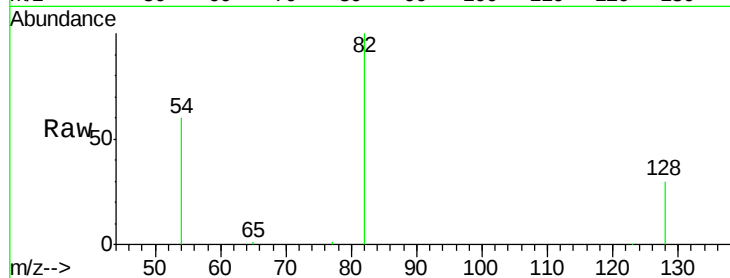
Tgt Ion: 82 Resp: 29641

Ion Ratio Lower Upper

82 100

128 30.1 25.0 37.6

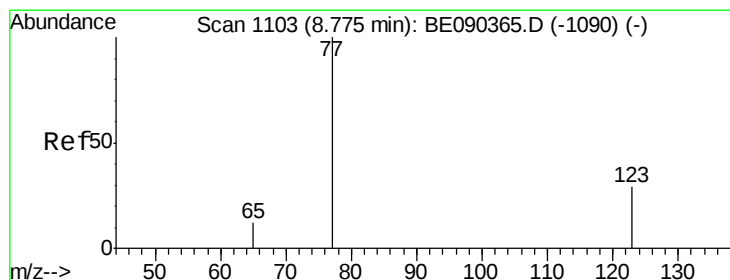
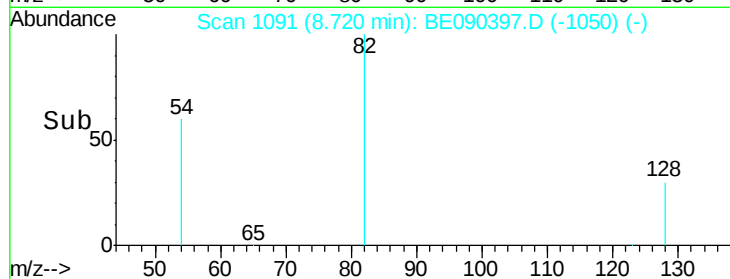
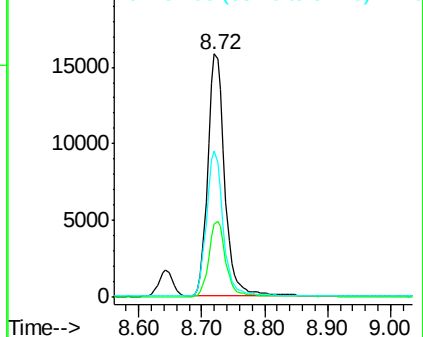
54 60.2 48.8 73.2



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: 4.71 ng

RT: 8.77 min Scan# 1101

Delta R.T. -0.01 min

Lab File: BE090397.D

Acq: 7 Aug 2015 14:50

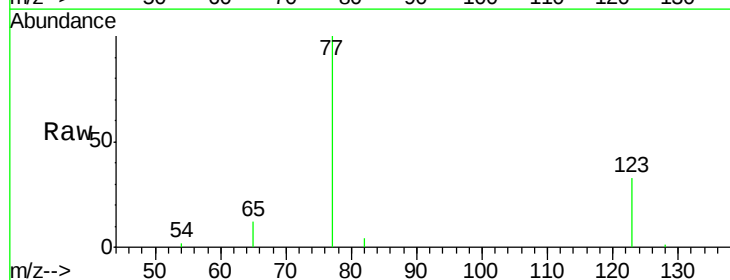
Tgt Ion: 77 Resp: 30536

Ion Ratio Lower Upper

77 100

123 32.8 25.1 37.7

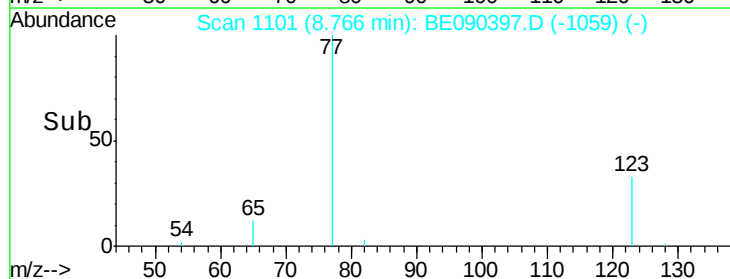
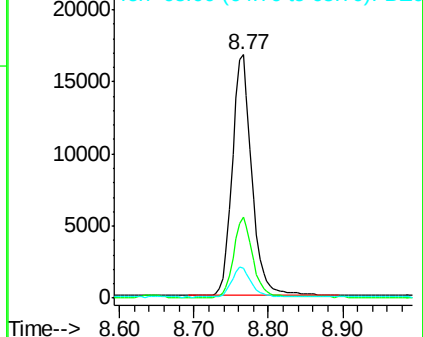
65 12.4 9.3 13.9



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: 4.98 ng

RT: 10.38 min Scan# 1377

Delta R.T. -0.01 min

Lab File: BE090397.D

Acq: 7 Aug 2015 14:50

Instrument :

BNA_E

ClientSampleId :

PB84854BSD

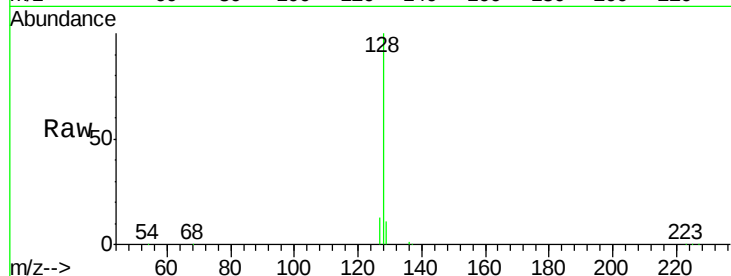
Tgt Ion:128 Resp: 82214

Ion Ratio Lower Upper

128 100

129 11.1 9.8 14.6

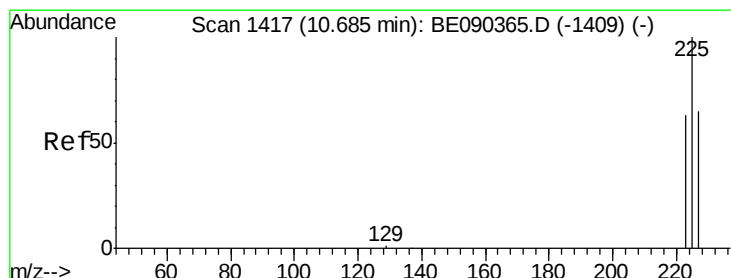
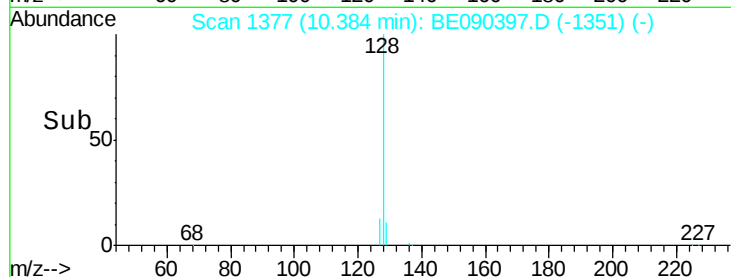
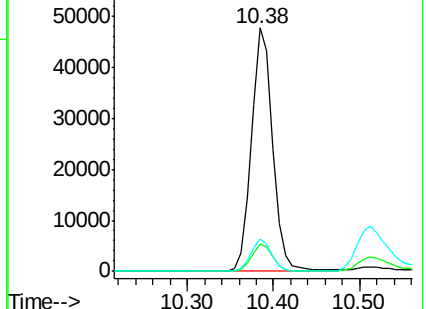
127 13.1 10.6 16.0



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: 5.56 ng

RT: 10.68 min Scan# 1416

Delta R.T. -0.01 min

Lab File: BE090397.D

Acq: 7 Aug 2015 14:50

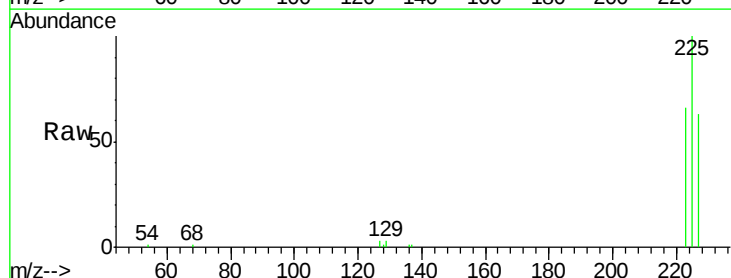
Tgt Ion:225 Resp: 13834

Ion Ratio Lower Upper

225 100

223 63.3 50.6 75.8

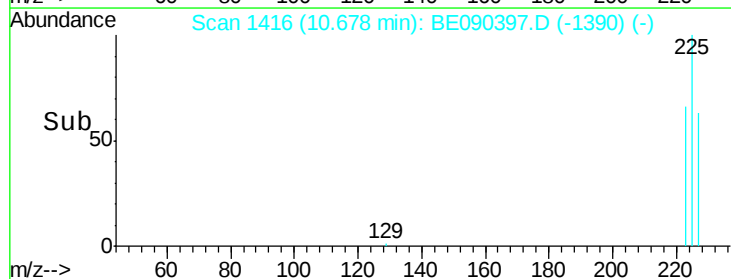
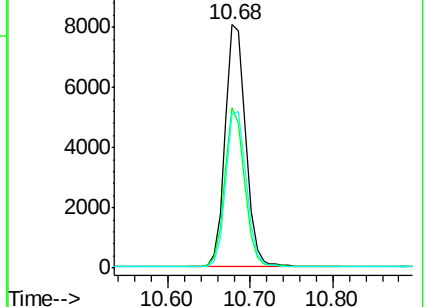
227 64.2 50.7 76.1



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

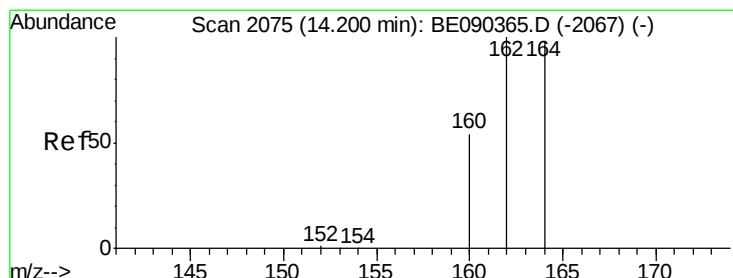
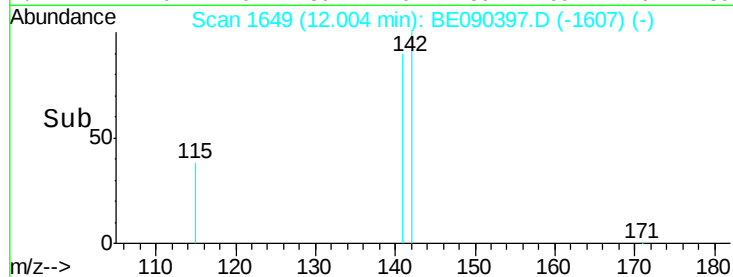
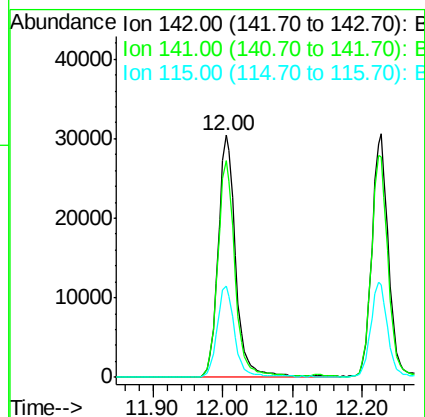
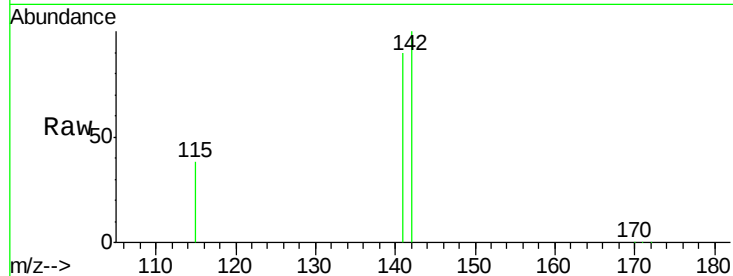




#11
2-Methylnaphthalene
Concen: 5.53 ng
RT: 12.00 min Scan# 1649
Delta R.T. -0.01 min
Lab File: BE090397.D
Acq: 7 Aug 2015 14:50

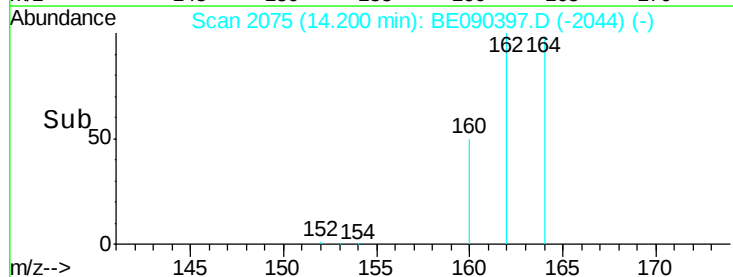
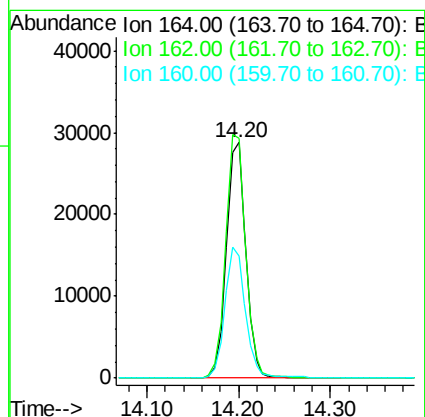
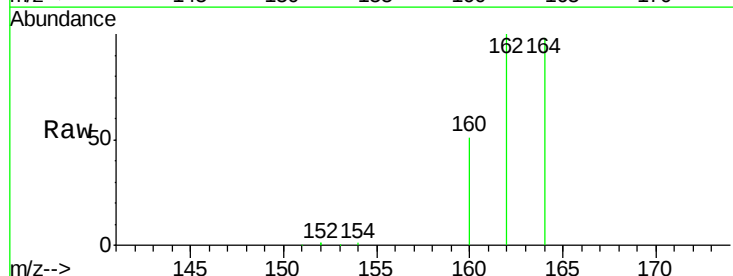
Instrument :
BNA_E
ClientSampleId :
PB84854BSD

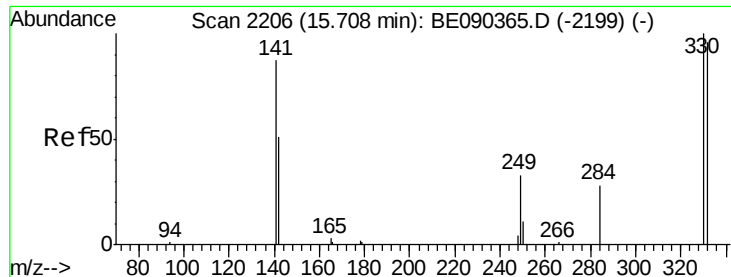
Tgt Ion:142 Resp: 52884
Ion Ratio Lower Upper
142 100
141 89.8 72.6 109.0
115 37.6 31.6 47.4



#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.20 min Scan# 2075
Delta R.T. 0.00 min
Lab File: BE090397.D
Acq: 7 Aug 2015 14:50

Tgt Ion:164 Resp: 42282
Ion Ratio Lower Upper
164 100
162 102.0 81.8 122.8
160 51.5 44.2 66.4

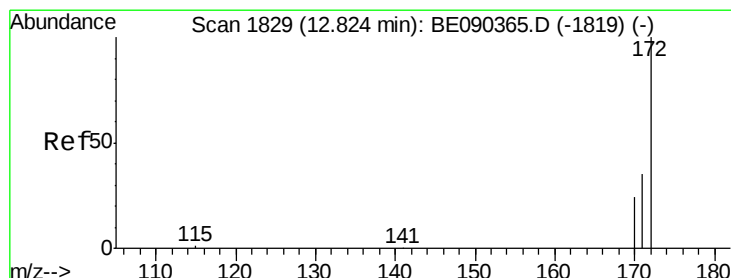
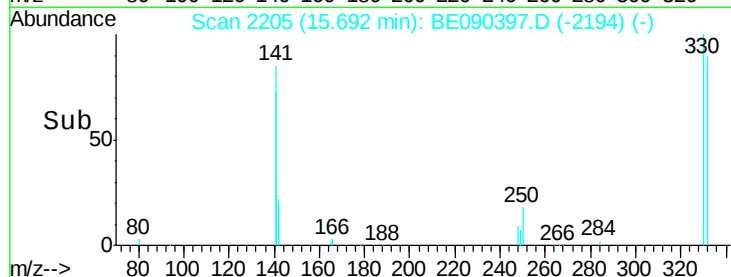
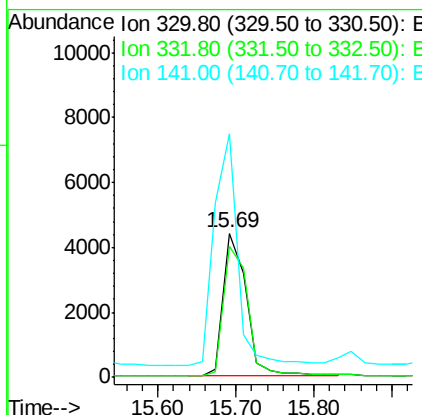
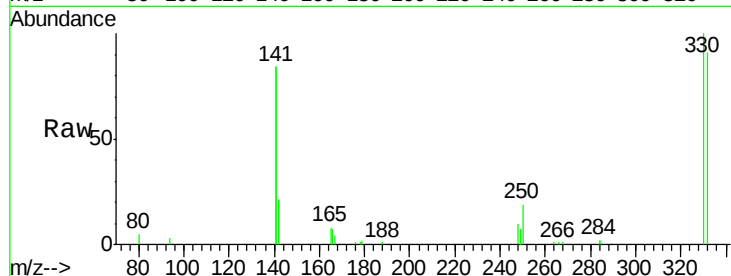




#13
 2,4,6-Tribromophenol
 Concen: 7.28 ng
 RT: 15.69 min Scan# 2205
 Delta R.T. -0.02 min
 Lab File: BE090397.D
 Acq: 7 Aug 2015 14:50

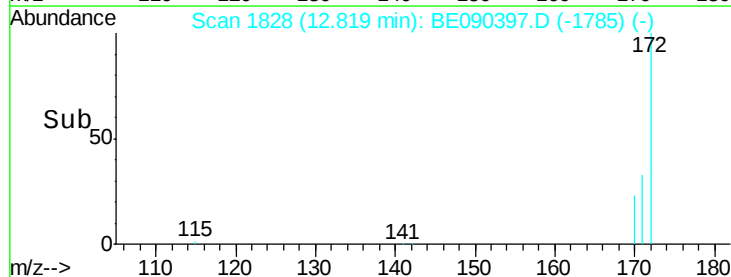
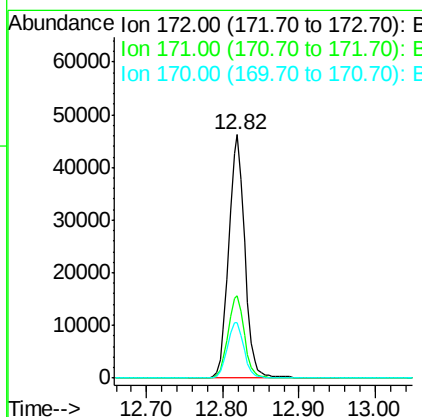
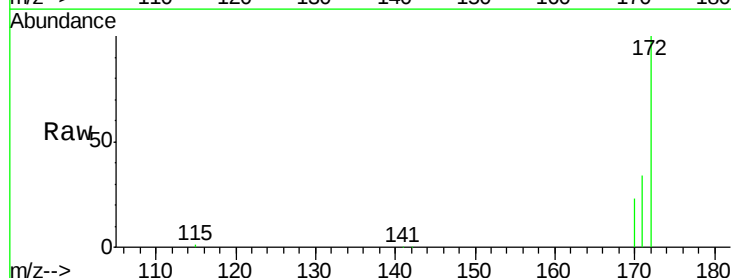
Instrument :
 BNA_E
 ClientSampleId :
 PB84854BSD

Tgt Ion: 330 Resp: 9011
 Ion Ratio Lower Upper
 330 100
 332 96.4 75.8 113.6
 141 165.6 114.4 171.6



#14
 2-Fluorobiphenyl
 Concen: 5.81 ng
 RT: 12.82 min Scan# 1828
 Delta R.T. -0.00 min
 Lab File: BE090397.D
 Acq: 7 Aug 2015 14:50

Tgt Ion: 172 Resp: 67613
 Ion Ratio Lower Upper
 172 100
 171 33.7 28.5 42.7
 170 22.9 19.8 29.8





#15

Acenaphthylene

Concen: 5.50 ng

RT: 13.91 min Scan# 2031

Delta R.T. 0.00 min

Lab File: BE090397.D

Acq: 7 Aug 2015 14:50

Instrument :

BNA_E

ClientSampleId :

PB84854BSD

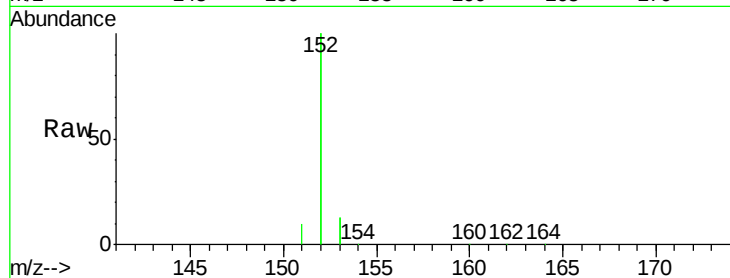
Tgt Ion:152 Resp: 376905

Ion Ratio Lower Upper

152 100

151 4.8 3.8 5.8

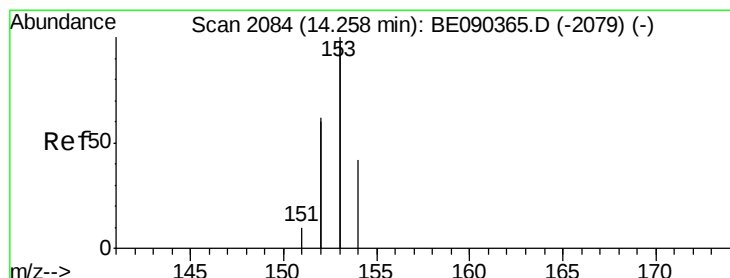
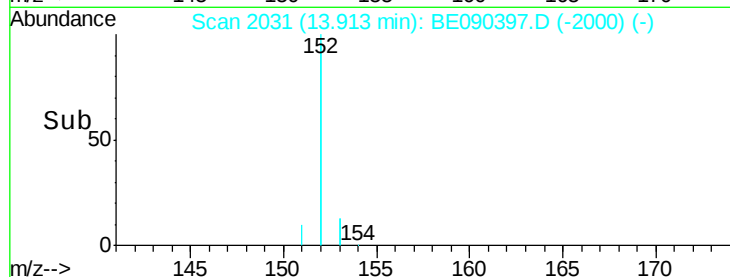
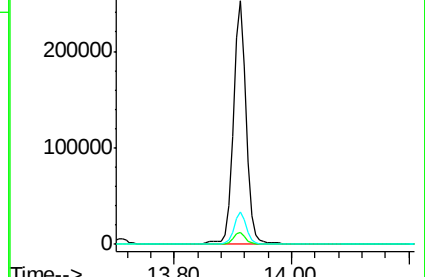
153 13.0 10.3 15.5



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: 5.32 ng

RT: 14.26 min Scan# 2084

Delta R.T. 0.00 min

Lab File: BE090397.D

Acq: 7 Aug 2015 14:50

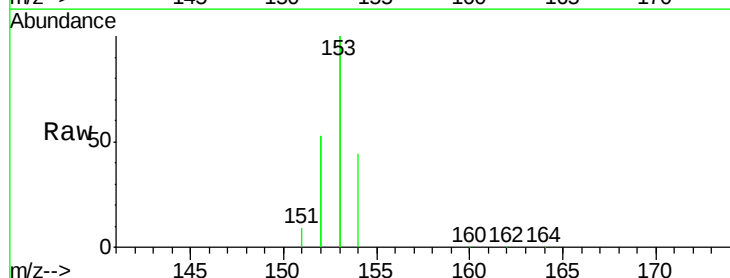
Tgt Ion:154 Resp: 56603

Ion Ratio Lower Upper

154 100

153 463.1 376.2 564.2

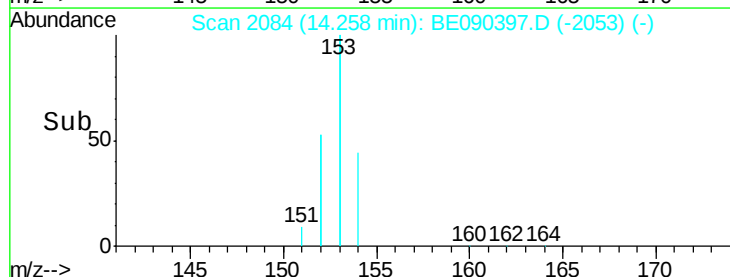
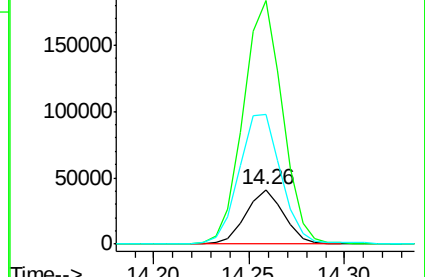
152 264.0 235.0 352.4



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: 5.47 ng

RT: 15.26 min Scan# 2180

Delta R.T. 0.00 min

Lab File: BE090397.D

Acq: 7 Aug 2015 14:50

Instrument :

BNA_E

ClientSampleId :

PB84854BSD

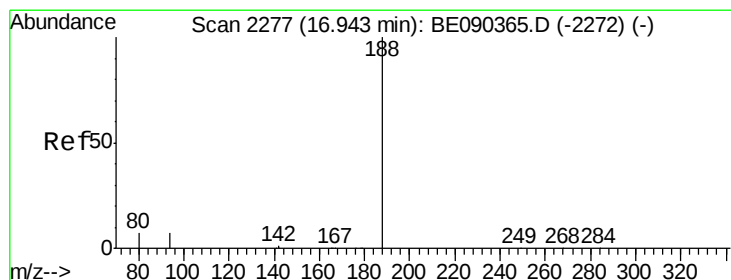
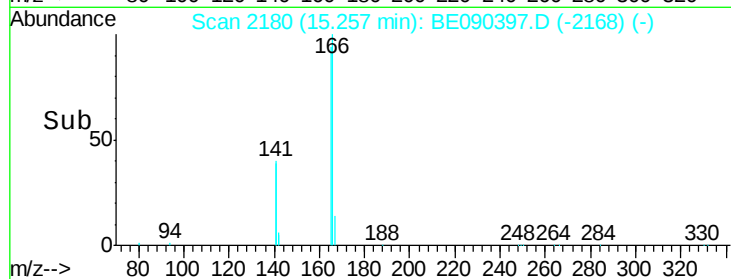
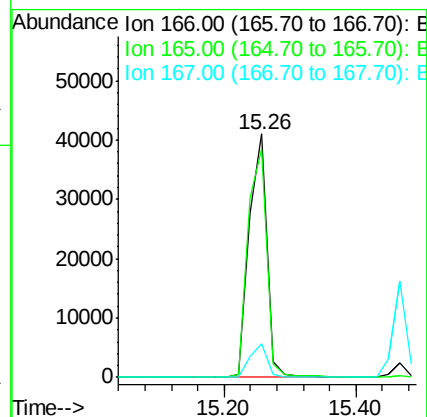
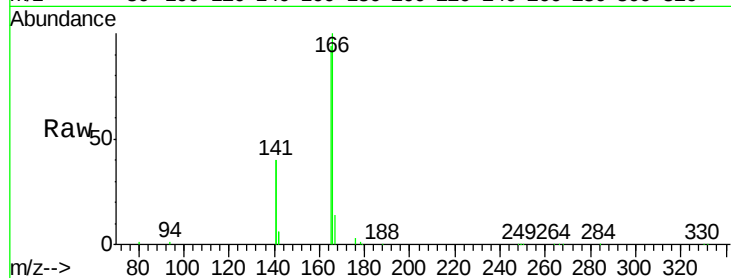
Tgt Ion:166 Resp: 75702

Ion Ratio Lower Upper

166 100

165 100.2 81.5 122.3

167 13.4 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: BE090397.D

Acq: 7 Aug 2015 14:50

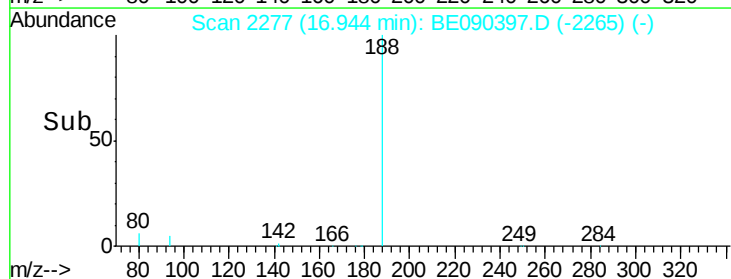
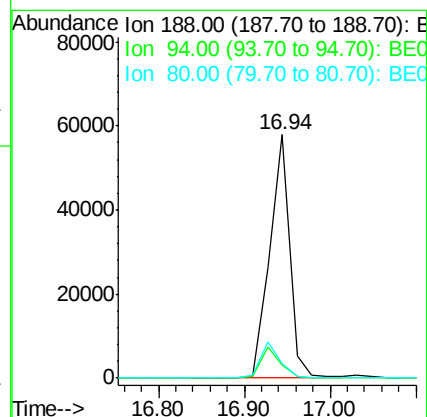
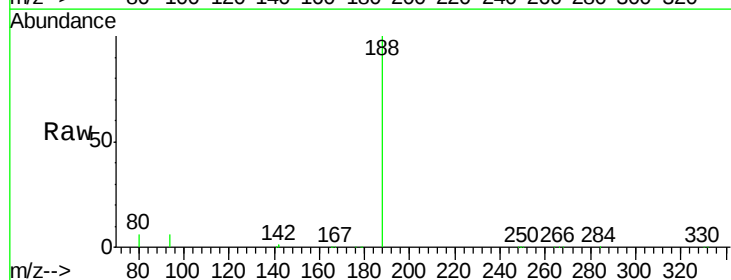
Tgt Ion:188 Resp: 95255

Ion Ratio Lower Upper

188 100

94 5.5 5.7 8.5#

80 5.8 5.8 8.8#

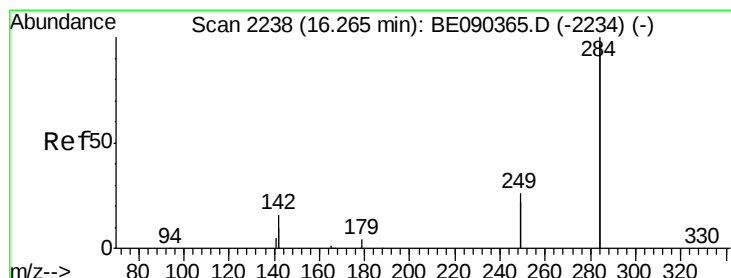
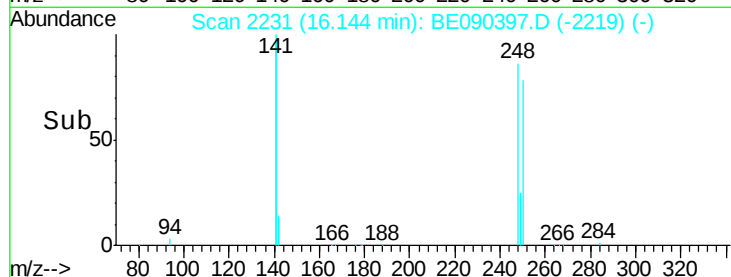
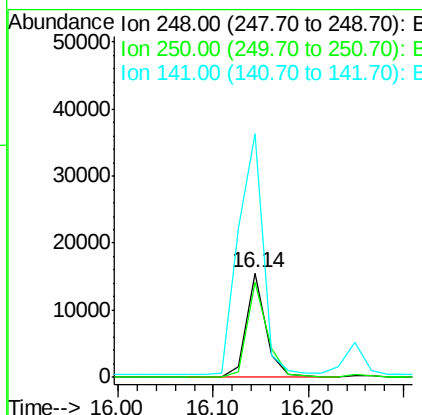
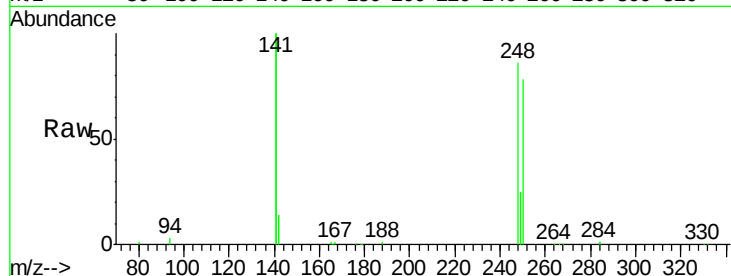




#19
4-Bromophenyl-phenylether
Concen: 5.86 ng
RT: 16.14 min Scan# 2231
Delta R.T. 0.00 min
Lab File: BE090397.D
Acq: 7 Aug 2015 14:50

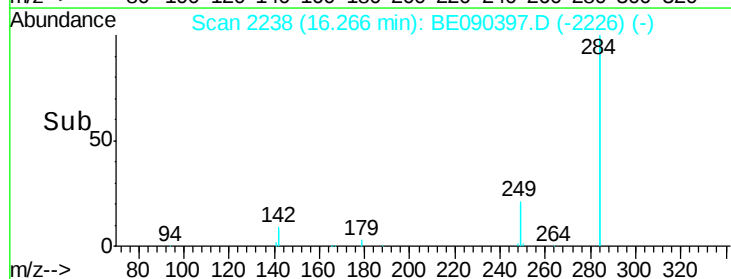
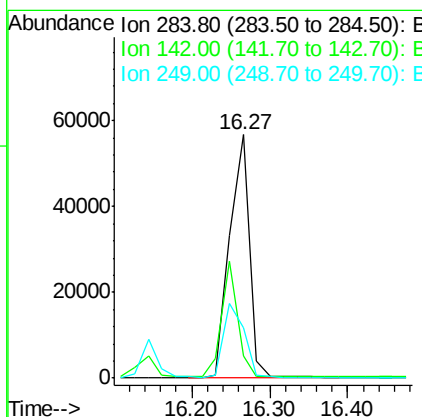
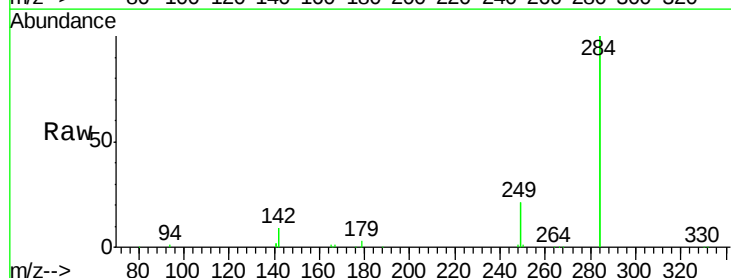
Instrument :
BNA_E
ClientSampleId :
PB84854BSD

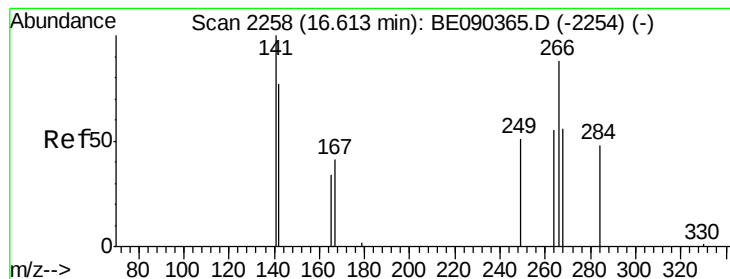
Tgt Ion:248 Resp: 21714
Ion Ratio Lower Upper
248 100
250 95.2 79.0 118.6
141 299.8 239.5 359.3



#20
Hexachlorobenzene
Concen: 5.15 ng
RT: 16.27 min Scan# 2238
Delta R.T. 0.00 min
Lab File: BE090397.D
Acq: 7 Aug 2015 14:50

Tgt Ion:284 Resp: 98555
Ion Ratio Lower Upper
284 100
142 38.4 30.1 45.1
249 31.7 25.7 38.5





#21

Pentachlorophenol

Concen: 8.40 ng

RT: 16.60 min Scan# 2257

Delta R.T. -0.02 min

Lab File: BE090397.D

Acq: 7 Aug 2015 14:50

Instrument :

BNA_E

ClientSampleId :

PB84854BSD

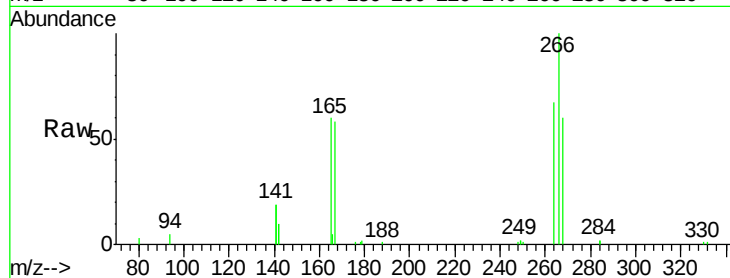
Tgt Ion:266 Resp: 13196

Ion Ratio Lower Upper

266 100

268 60.4 58.5 87.7

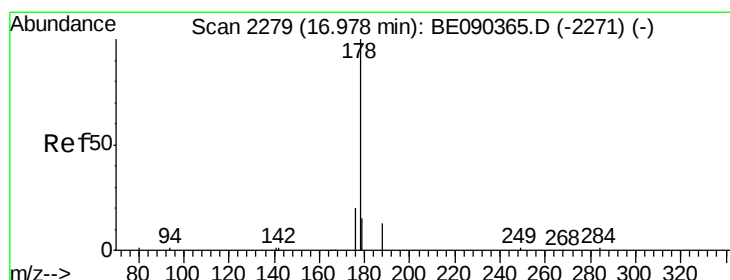
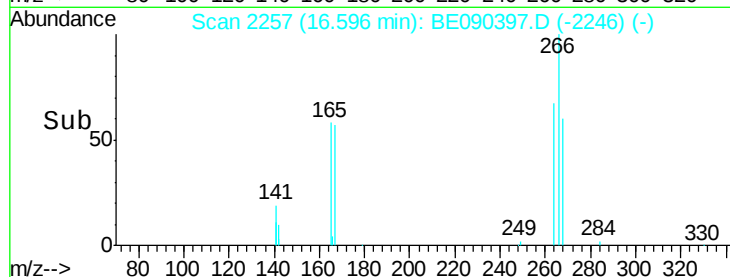
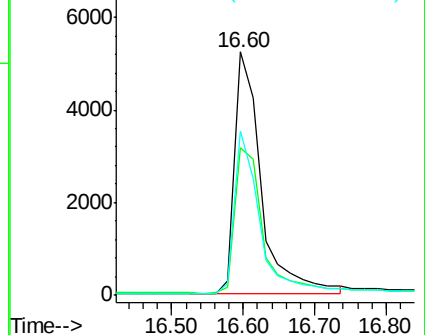
264 67.2 56.0 84.0



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: 5.57 ng

RT: 16.98 min Scan# 2279

Delta R.T. 0.00 min

Lab File: BE090397.D

Acq: 7 Aug 2015 14:50

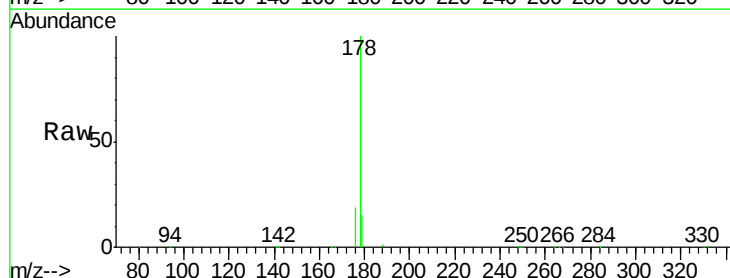
Tgt Ion:178 Resp: 132815

Ion Ratio Lower Upper

178 100

176 18.9 15.4 23.2

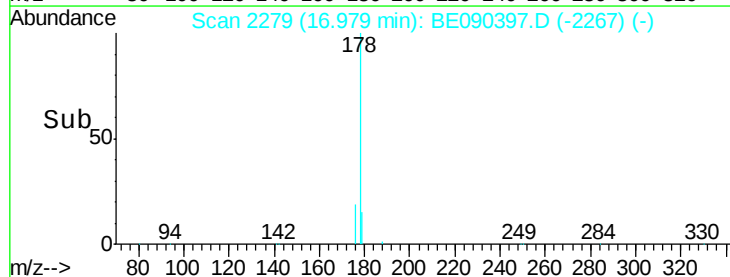
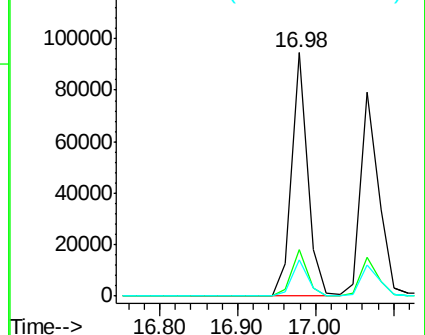
179 15.1 12.5 18.7



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: 6.47 ng

RT: 17.07 min Scan# 2284

Delta R.T. -0.02 min

Lab File: BE090397.D

Acq: 7 Aug 2015 14:50

Instrument :

BNA_E

ClientSampleId :

PB84854BSD

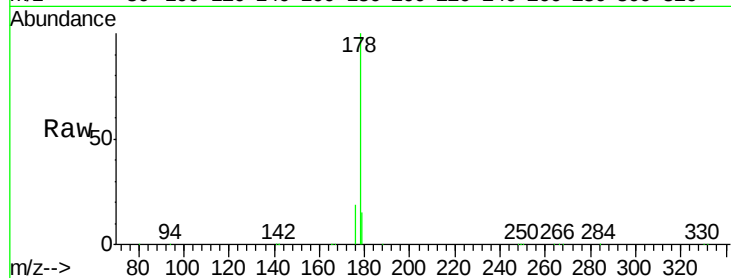
Tgt Ion:178 Resp: 126736

Ion Ratio Lower Upper

178 100

176 18.5 14.9 22.3

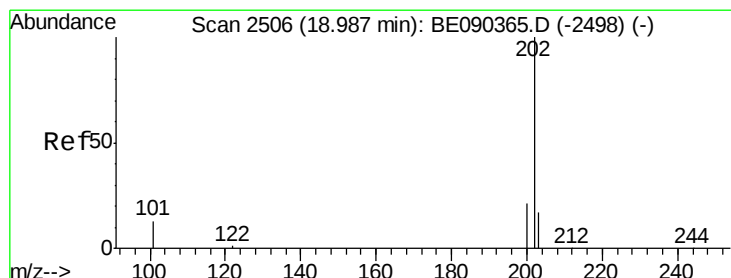
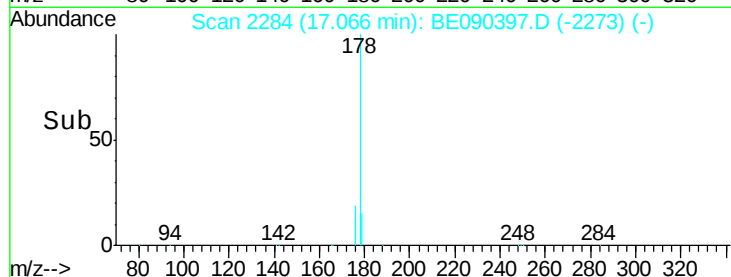
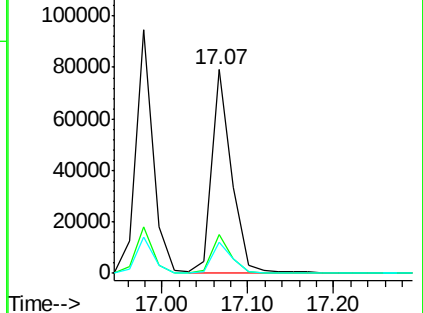
179 15.6 12.2 18.4



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: 6.26 ng

RT: 18.98 min Scan# 2505

Delta R.T. -0.01 min

Lab File: BE090397.D

Acq: 7 Aug 2015 14:50

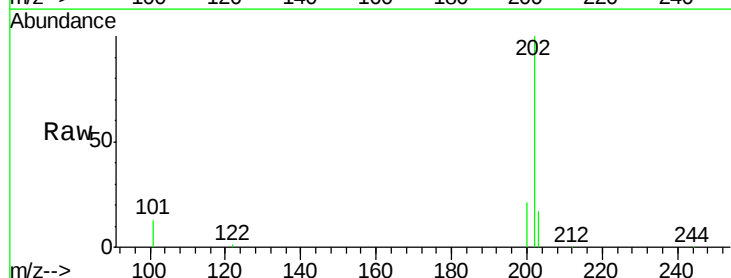
Tgt Ion:202 Resp: 146850

Ion Ratio Lower Upper

202 100

101 13.0 10.3 15.5

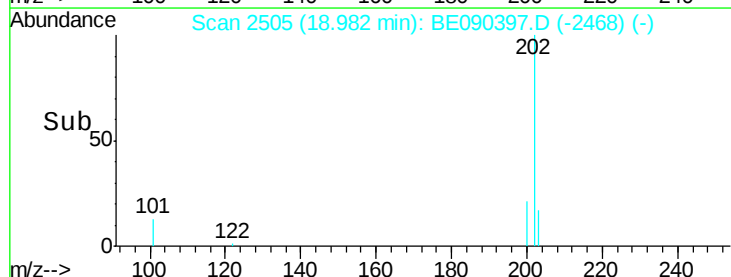
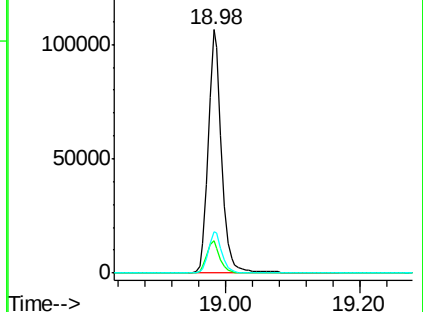
203 17.2 13.7 20.5

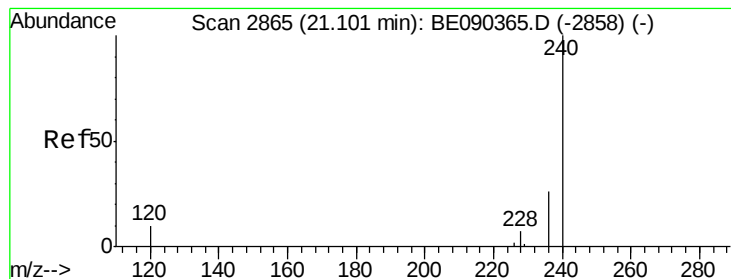


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.10 min Scan# 2865

Delta R.T. 0.00 min

Lab File: BE090397.D

Acq: 7 Aug 2015 14:50

Instrument :

BNA_E

ClientSampleId :

PB84854BSD

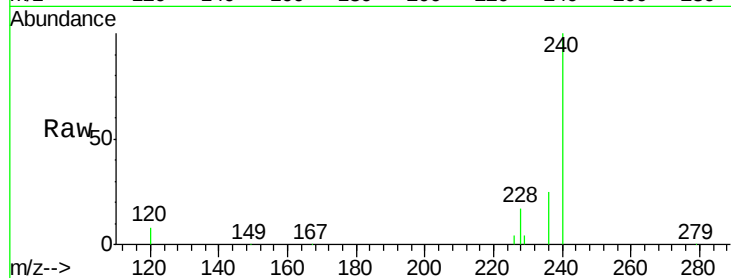
Tgt Ion:240 Resp: 125598

Ion Ratio Lower Upper

240 100

120 8.3 8.3 12.5#

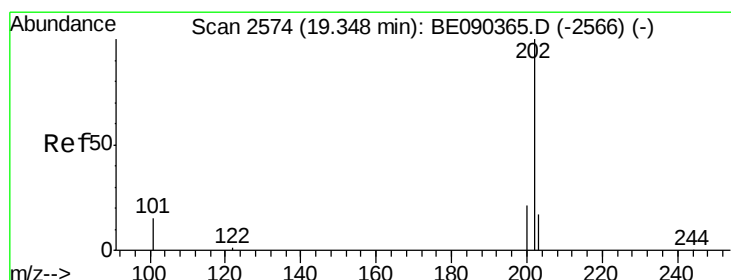
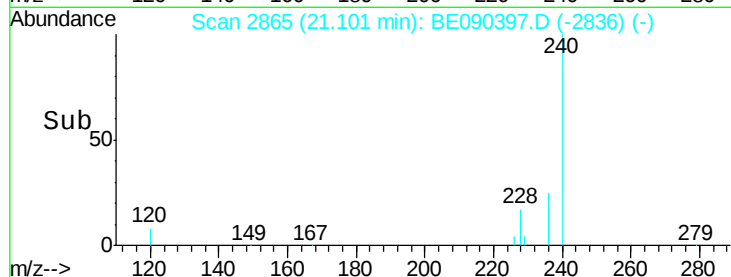
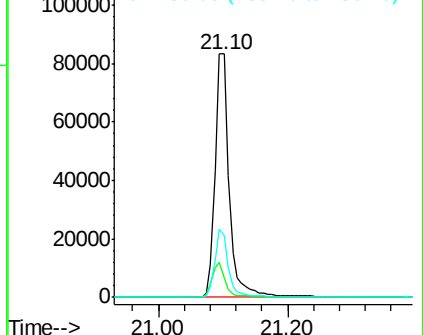
236 25.3 21.0 31.4



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: 5.98 ng

RT: 19.35 min Scan# 2574

Delta R.T. 0.00 min

Lab File: BE090397.D

Acq: 7 Aug 2015 14:50

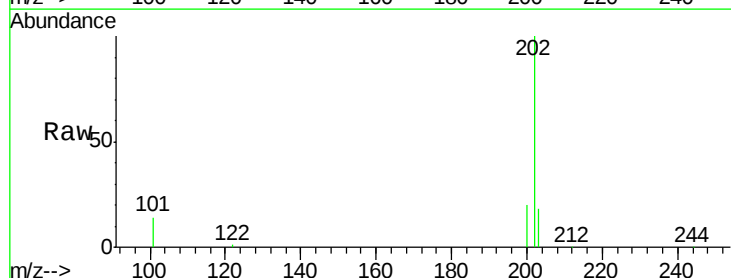
Tgt Ion:202 Resp: 162751

Ion Ratio Lower Upper

202 100

200 21.2 16.7 25.1

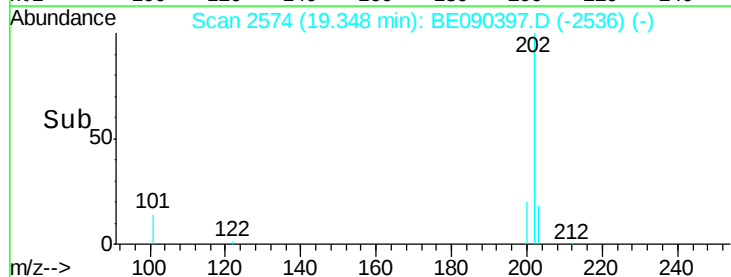
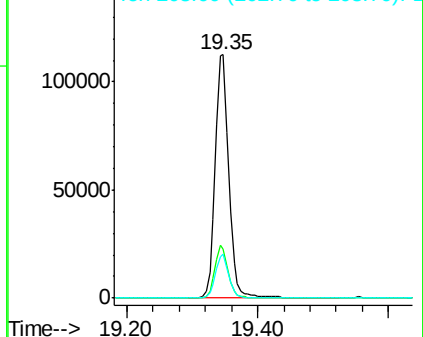
203 17.9 13.8 20.8

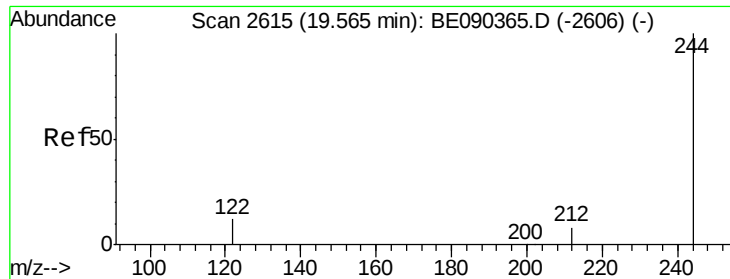


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

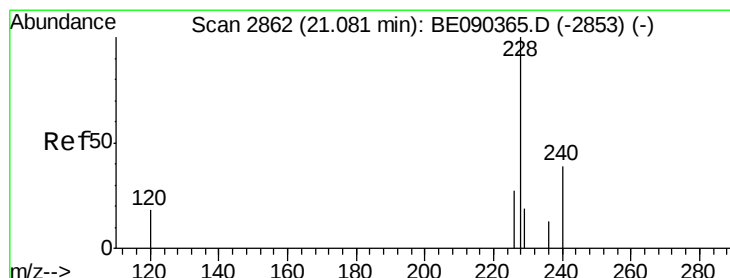
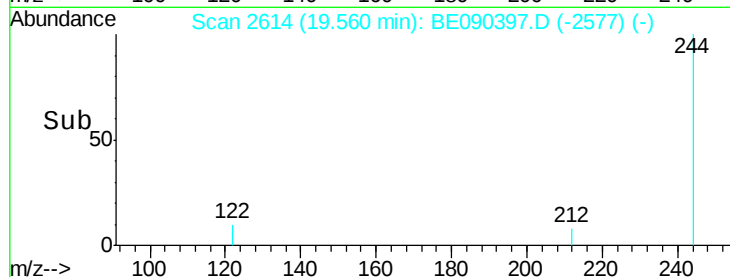
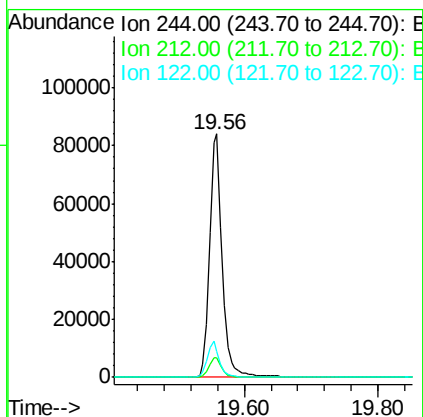
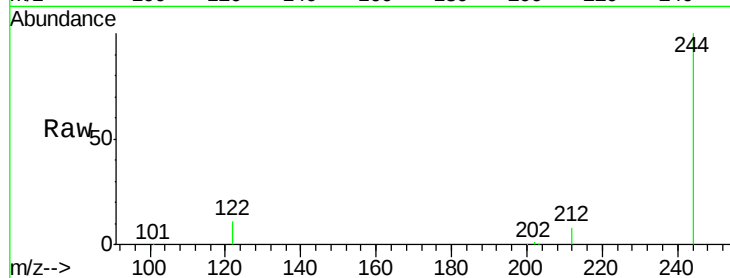




#27
 Terphenyl-d14
 Concen: 5.96 ng
 RT: 19.56 min Scan# 2614
 Delta R.T. -0.01 min
 Lab File: BE090397.D
 Acq: 7 Aug 2015 14:50

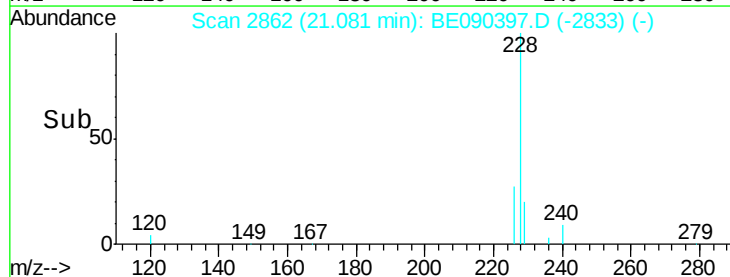
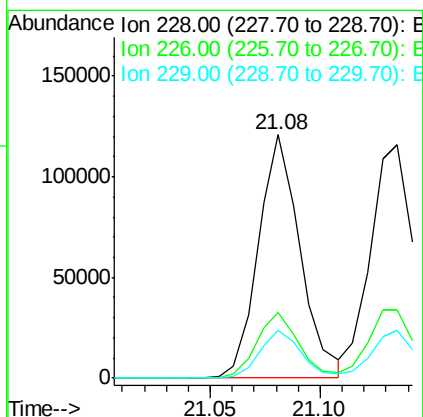
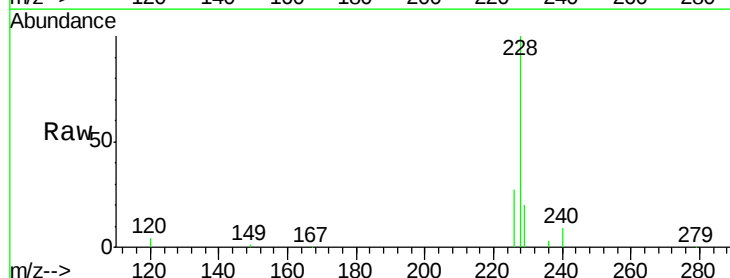
Instrument :
 BNA_E
 ClientSampleId :
 PB84854BSD

Tgt Ion:244 Resp: 110271
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.6 9.8
 122 10.6 10.2 15.4



#28
 Benzo(a)anthracene
 Concen: 5.72 ng
 RT: 21.08 min Scan# 2862
 Delta R.T. 0.00 min
 Lab File: BE090397.D
 Acq: 7 Aug 2015 14:50

Tgt Ion:228 Resp: 159094
 Ion Ratio Lower Upper
 228 100
 226 27.0 21.9 32.9
 229 19.5 15.4 23.0





#29

Chrysene

Concen: 5.20 ng

RT: 21.14 min Scan# 2870

Delta R.T. 0.00 min

Lab File: BE090397.D

Acq: 7 Aug 2015 14:50

Instrument :

BNA_E

ClientSampleId :

PB84854BSD

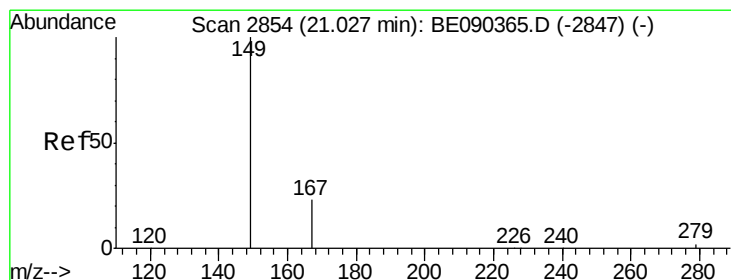
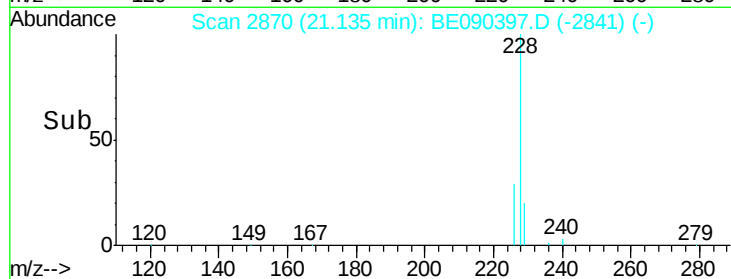
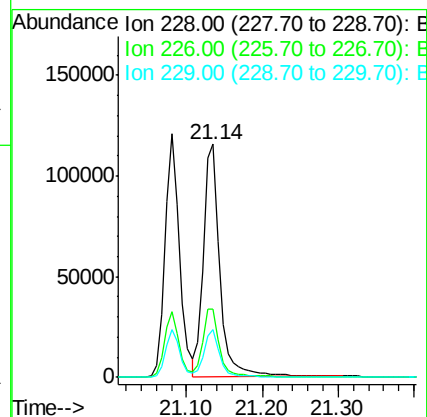
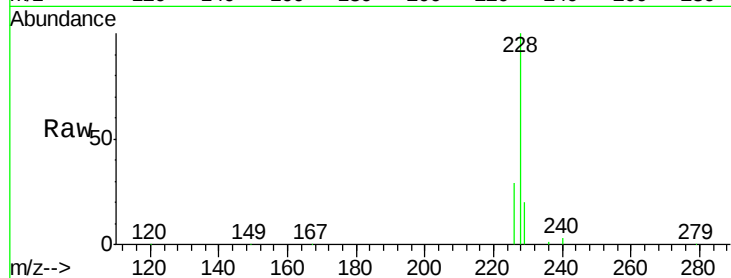
Tgt Ion:228 Resp: 174829

Ion Ratio Lower Upper

228 100

226 29.2 23.1 34.7

229 20.4 15.8 23.8



#30

Bis(2-ethylhexyl)phthalate

Concen: 4.27 ng

RT: 21.03 min Scan# 2854

Delta R.T. 0.00 min

Lab File: BE090397.D

Acq: 7 Aug 2015 14:50

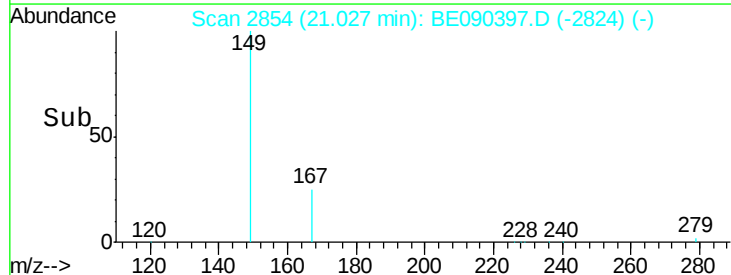
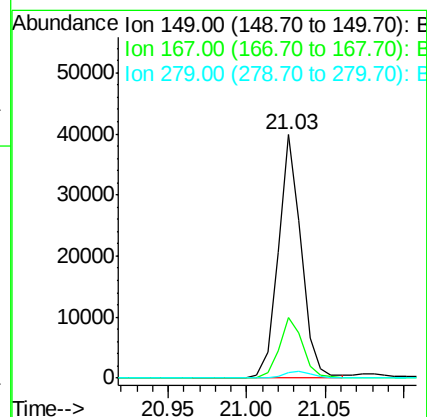
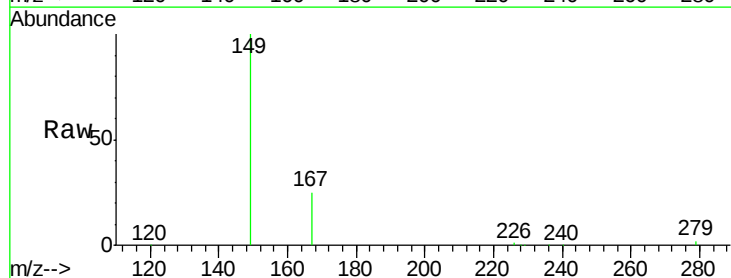
Tgt Ion:149 Resp: 40415

Ion Ratio Lower Upper

149 100

167 25.3 19.8 29.8

279 3.0 2.4 3.6





#31

Indeno(1,2,3-cd)pyrene

Concen: 4.44 ng

RT: 25.79 min Scan# 3828

Delta R.T. -0.00 min

Lab File: BE090397.D

Acq: 7 Aug 2015 14:50

Instrument :

BNA_E

ClientSampleId :

PB84854BSD

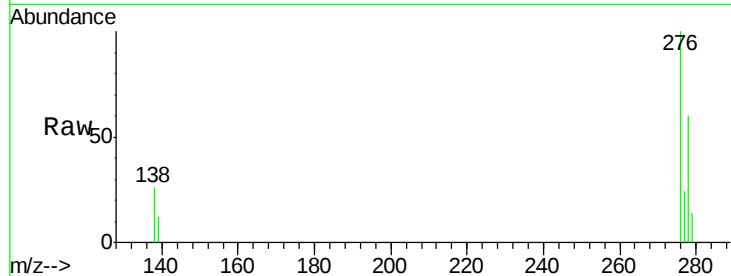
Tgt Ion:276 Resp: 133766

Ion Ratio Lower Upper

276 100

138 26.3 18.8 28.2

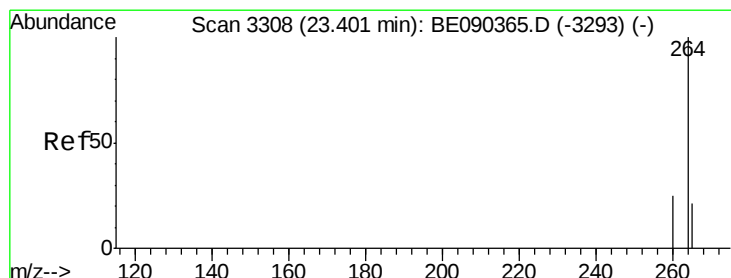
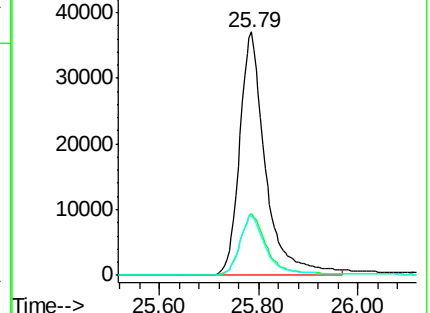
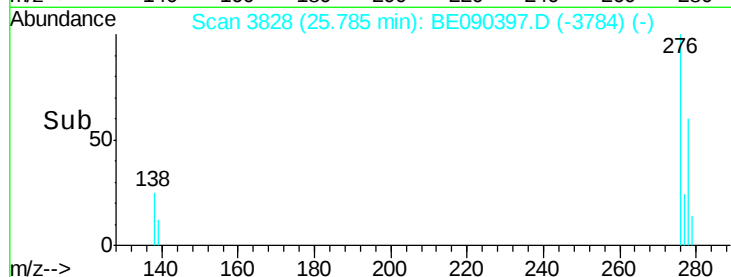
277 24.8 18.2 27.4



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# 3308

Delta R.T. 0.00 min

Lab File: BE090397.D

Acq: 7 Aug 2015 14:50

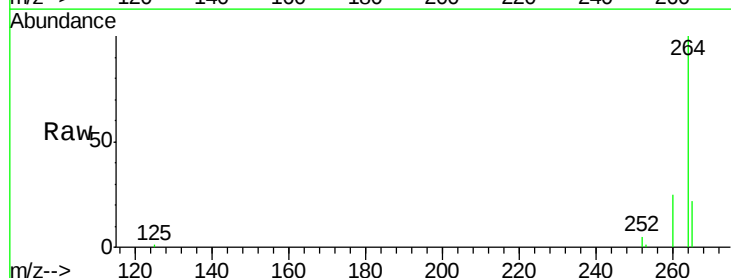
Tgt Ion:264 Resp: 102437

Ion Ratio Lower Upper

264 100

260 24.5 20.1 30.1

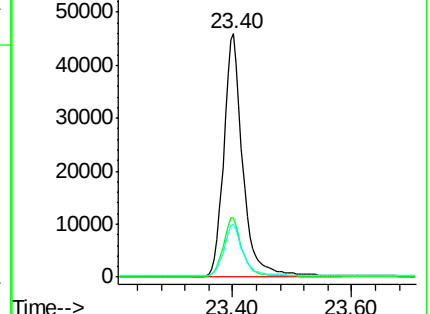
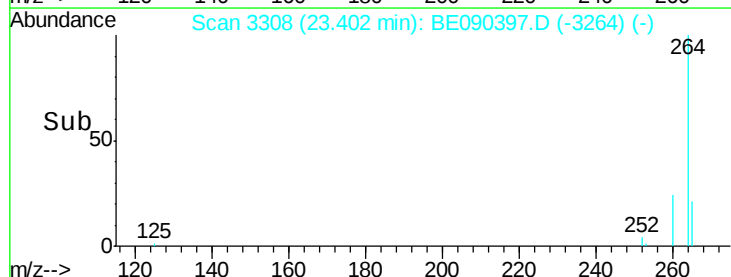
265 21.7 17.2 25.8

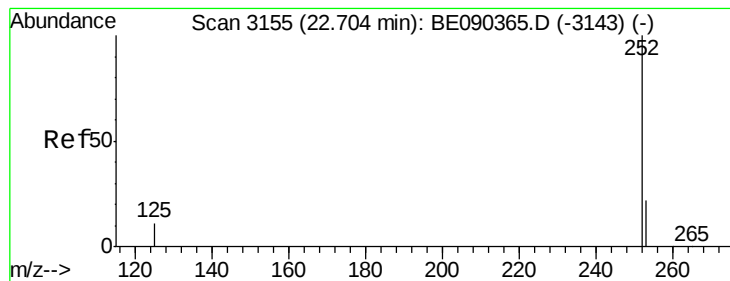


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#33

Benzo(b)fluoranthene

Concen: 5.78 ng

RT: 22.70 min Scan# 3154

Delta R.T. -0.00 min

Lab File: BE090397.D

Acq: 7 Aug 2015 14:50

Instrument :

BNA_E

ClientSampleId :

PB84854BSD

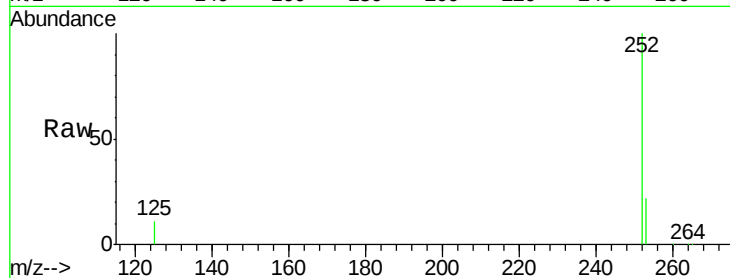
Tgt Ion:252 Resp: 134536

Ion Ratio Lower Upper

252 100

253 21.9 18.1 27.1

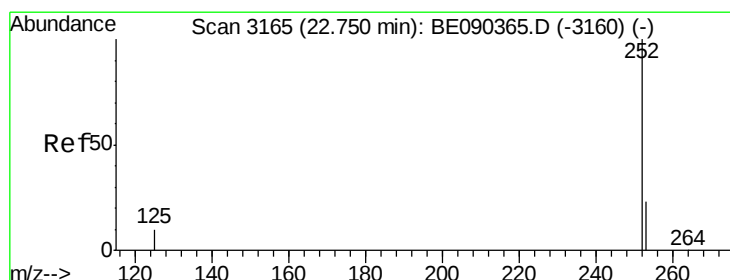
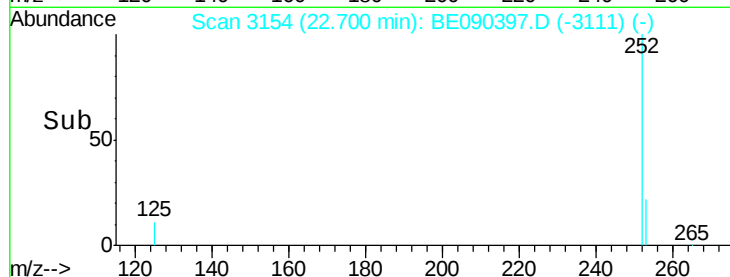
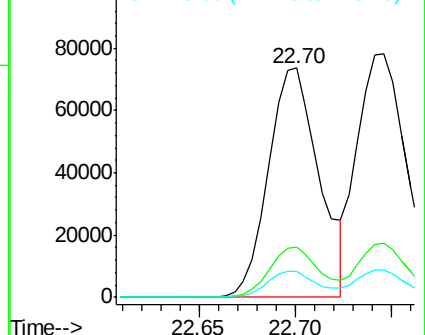
125 11.1 9.4 14.2



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: 5.40 ng

RT: 22.75 min Scan# 3164

Delta R.T. -0.00 min

Lab File: BE090397.D

Acq: 7 Aug 2015 14:50

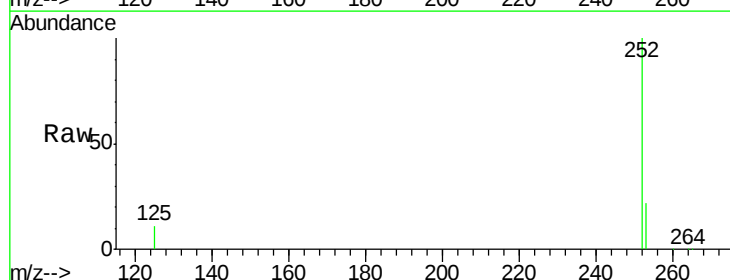
Tgt Ion:252 Resp: 153963

Ion Ratio Lower Upper

252 100

253 22.0 18.1 27.1

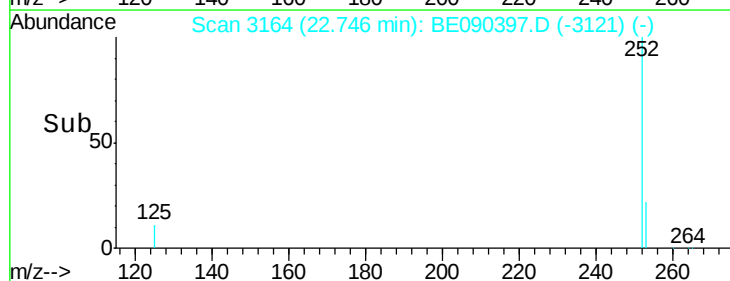
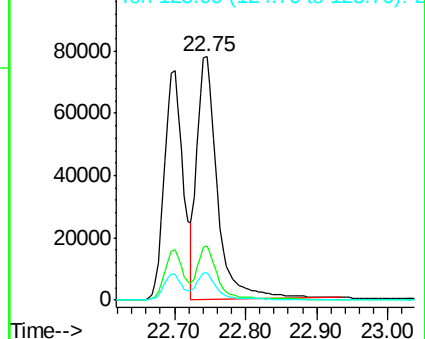
125 11.0 9.1 13.7



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: 5.38 ng

RT: 23.30 min Scan# 3285

Delta R.T. 0.00 min

Lab File: BE090397.D

Acq: 7 Aug 2015 14:50

Instrument :

BNA_E

ClientSampleId :

PB84854BSD

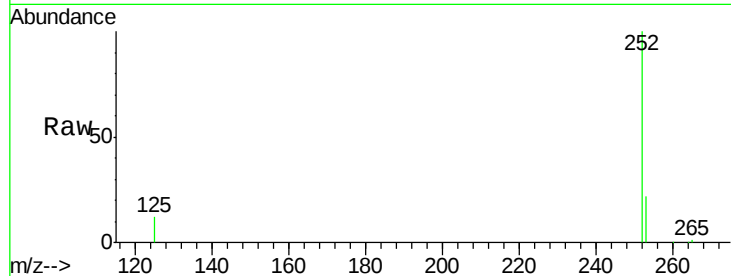
Tgt Ion:252 Resp: 118248

Ion Ratio Lower Upper

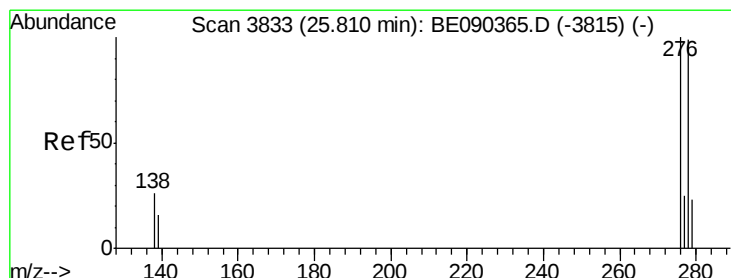
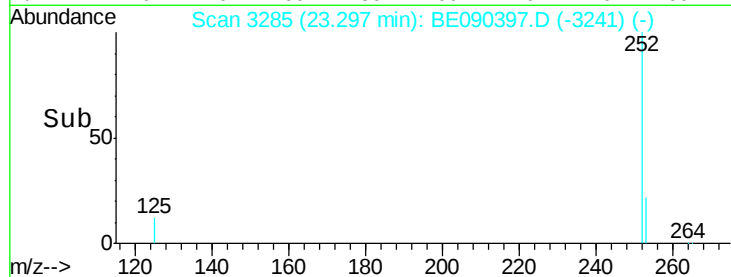
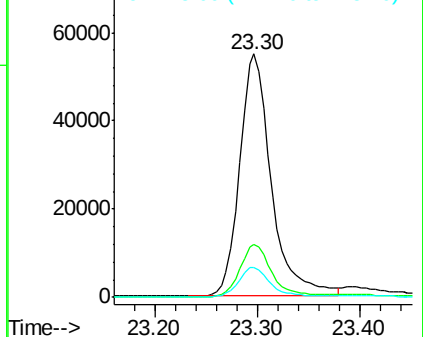
252 100

253 21.9 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: 4.97 ng

RT: 25.80 min Scan# 3832

Delta R.T. -0.01 min

Lab File: BE090397.D

Acq: 7 Aug 2015 14:50

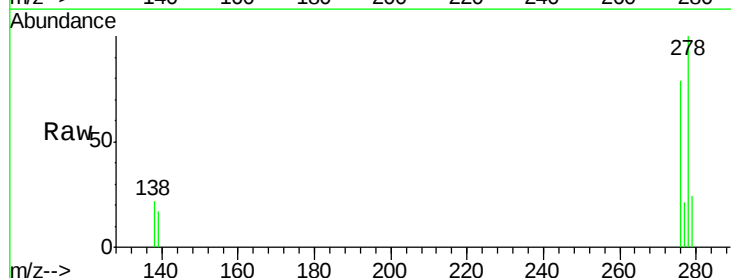
Tgt Ion:278 Resp: 106588

Ion Ratio Lower Upper

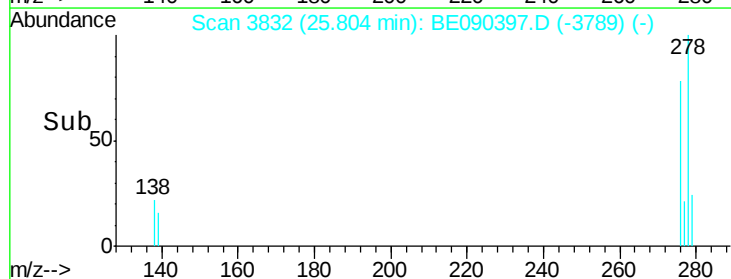
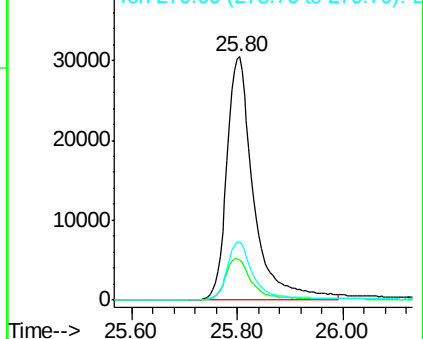
278 100

139 16.7 14.2 21.4

279 23.8 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: 6.21 ng

RT: 26.51 min Scan# 3988

Delta R.T. -0.00 min

Lab File: BE090397.D

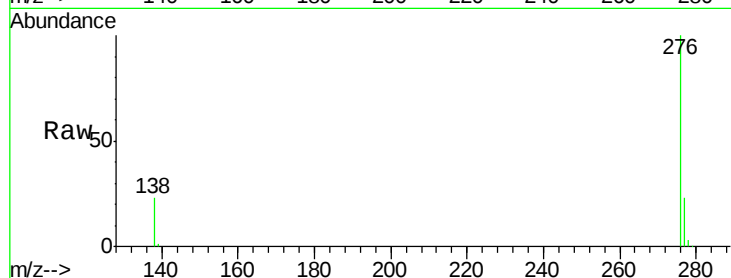
Acq: 7 Aug 2015 14:50

Instrument :

BNA_E

ClientSampleId :

PB84854BSD



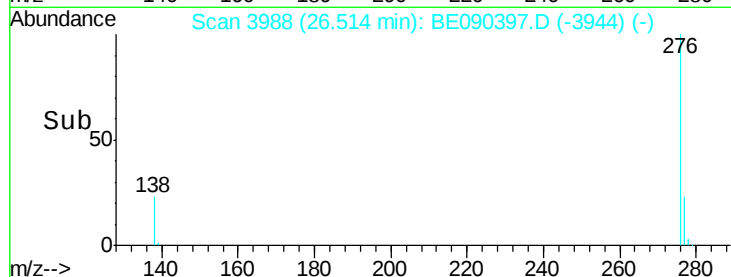
Tgt Ion: 276 Resp: 117537

Ion Ratio Lower Upper

276 100

277 23.4 20.1 30.1

138 23.0 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

