

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE070815\
 Data File : BE090072.D
 Acq On : 8 Jul 2015 23:19
 Operator : TP/IZ
 Sample : G2811-06MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 X1SS0720006-150625MSD

Quant Time: Jul 09 01:21:22 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-SIM-BE062915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 30 07:01:01 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	20621	5.00	ng	0.00
6) Naphthalene-d8	10.37	136	94026	5.00	ng	-0.02
12) Acenaphthene-d10	14.23	164	52026	5.00	ng	0.00
18) Phenanthrene-d10	16.96	188	114540	5.00	ng	-0.02
25) Chrysene-d12	21.12	240	129543	5.00	ng	-0.01
32) Perylene-d12	23.44	264	121204	5.00	ng	-0.02

System Monitoring Compounds						
4) 2-Fluorophenol	5.24	112	15217	3.21	ng	0.00
5) Phenol-d6	6.80	99	30814	4.65	ng	0.00
7) Nitrobenzene-d5	8.75	82	18001	2.41	ng	0.00
13) 2,4,6-Tribromophenol	15.73	330	9737	6.39	ng	0.00
14) 2-Fluorobiphenyl	12.84	172	44489	2.85	ng	-0.01
27) Terphenyl-d14	19.58	244	65226	3.02	ng	-0.01

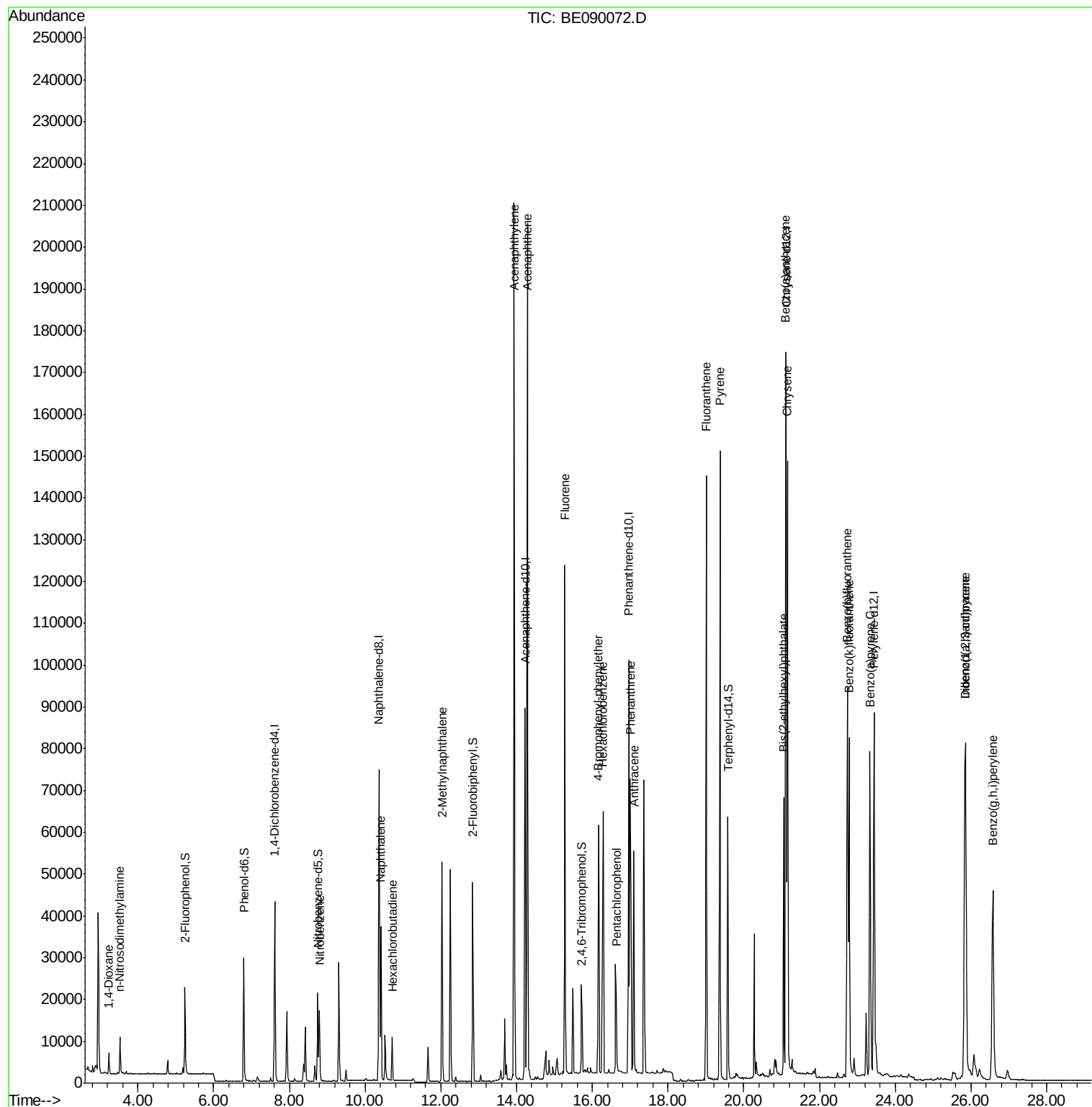
Target Compounds					Qvalue
2) 1,4-Dioxane	3.24	88	3186	1.13	ng 97
3) n-Nitrosodimethylamine	3.52	42	5063	1.32	ng 90
8) Nitrobenzene	8.79	77	18176	2.29	ng 97
9) Naphthalene	10.41	128	50256	2.36	ng 98
10) Hexachlorobutadiene	10.72	225	7264	2.17	ng 100
11) 2-Methylnaphthalene	12.03	142	37020	2.61	ng 98
15) Acenaphthylene	13.94	152	257190	2.74	ng 100
16) Acenaphthene	14.28	154	37358	2.76	ng 96
17) Fluorene	15.28	166	50030	2.72	ng 100
19) 4-Bromophenyl-phenylether	16.16	248	13974	2.87	ng 93
20) Hexachlorobenzene	16.28	284	56566	2.79	ng 98
21) Pentachlorophenol	16.63	266	14776	5.77	ng 96
22) Phenanthrene	17.00	178	91424	3.12	ng 100
23) Anthracene	17.10	178	80547	3.00	ng 100
24) Fluoranthene	19.01	202	132073	4.03	ng 99
26) Pyrene	19.37	202	135060	4.37	ng 99
28) Benzo(a)anthracene	21.10	228	122614	3.79	ng 98
29) Chrysene	21.16	228	123113	3.66	ng 99
30) Bis(2-ethylhexyl)phthalate	21.05	149	58326	3.99	ng 97
31) Indeno(1,2,3-cd)pyrene	25.84	276	115496	3.59	ng 99
33) Benzo(b)fluoranthene	22.73	252	127692	4.78	ng 99
34) Benzo(k)fluoranthene	22.78	252	111345	3.73	ng 99
35) Benzo(a)pyrene	23.33	252	113468	4.60	ng 99
36) Dibenzo(a,h)anthracene	25.85	278	81083	3.20	ng 98
37) Benzo(g,h,i)perylene	26.57	276	101837	3.96	ng 98

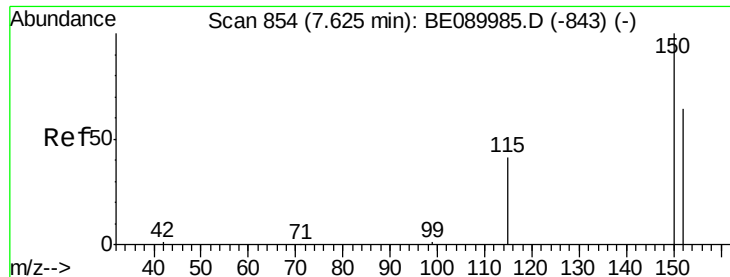
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jun 30 07:01:01 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.62 min Scan# 852

Delta R.T. -0.01 min

Lab File: BE090072.D

Acq: 8 Jul 2015 23:19

Instrument :

BNA_E

ClientSampleId :

X1SS0720006-150625MSD

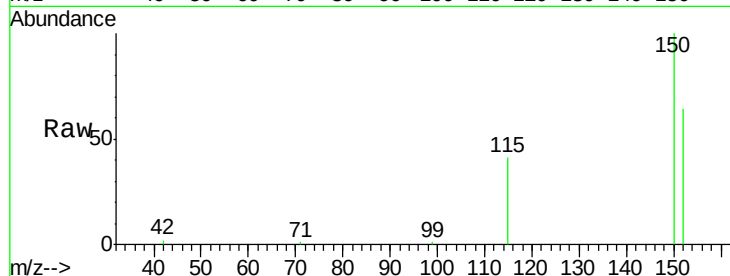
Tgt Ion:152 Resp: 20621

Ion Ratio Lower Upper

152 100

150 155.6 123.9 185.9

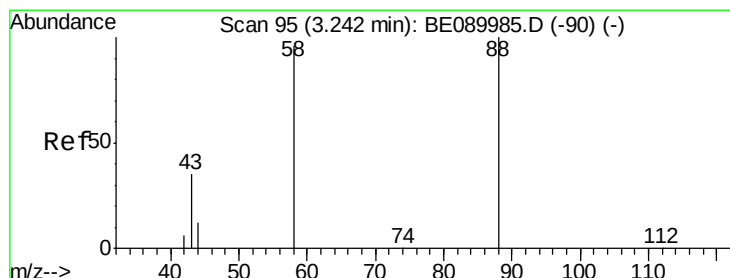
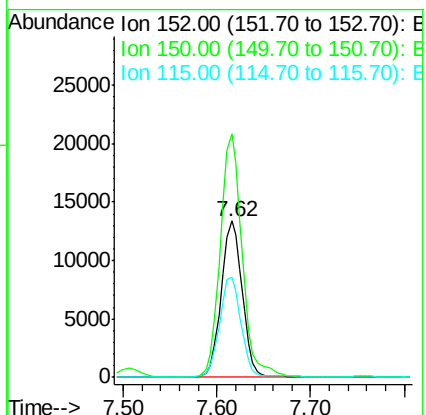
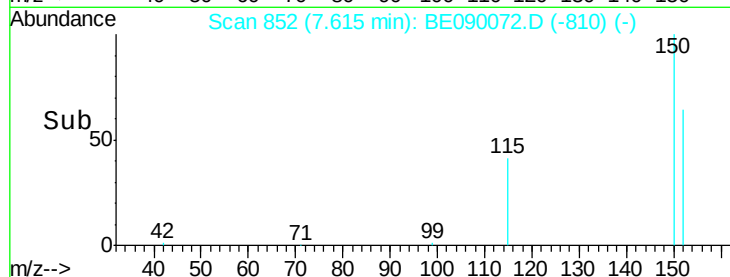
115 64.2 50.6 76.0



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: 1.13 ng

RT: 3.24 min Scan# 94

Delta R.T. -0.00 min

Lab File: BE090072.D

Acq: 8 Jul 2015 23:19

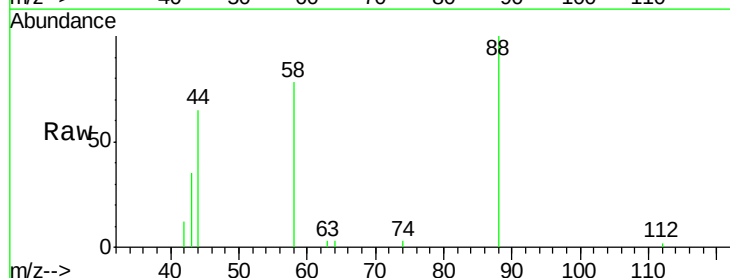
Tgt Ion: 88 Resp: 3186

Ion Ratio Lower Upper

88 100

58 85.3 70.9 106.3

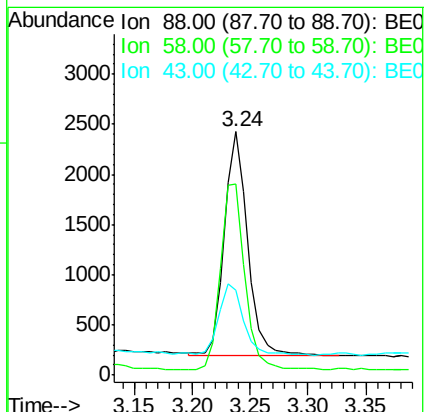
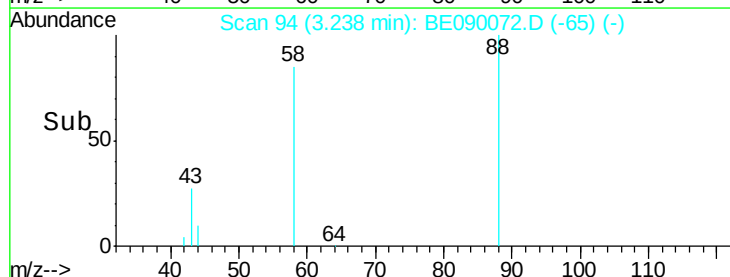
43 34.1 27.6 41.4

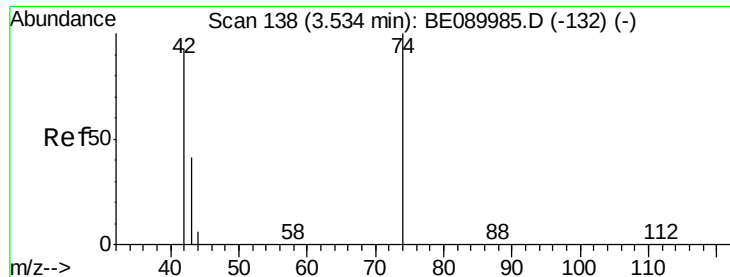


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 1.32 ng

RT: 3.52 min Scan# 136

Delta R.T. -0.01 min

Lab File: BE090072.D

Acq: 8 Jul 2015 23:19

Instrument :

BNA_E

ClientSampleId :

X1SS0720006-150625MSD

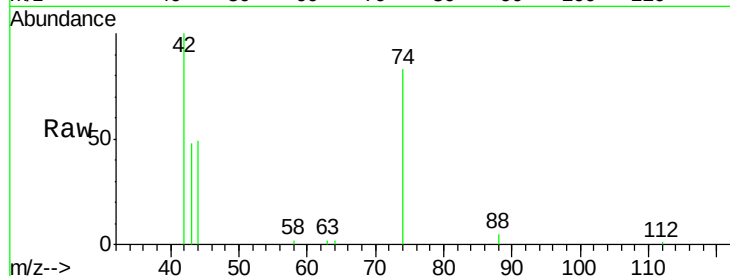
Tgt Ion: 42 Resp: 5063

Ion Ratio Lower Upper

42 100

74 123.4 89.4 134.2

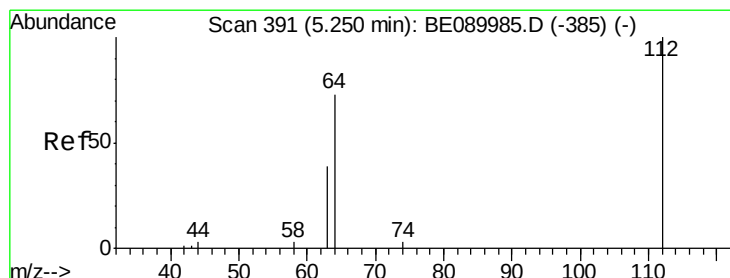
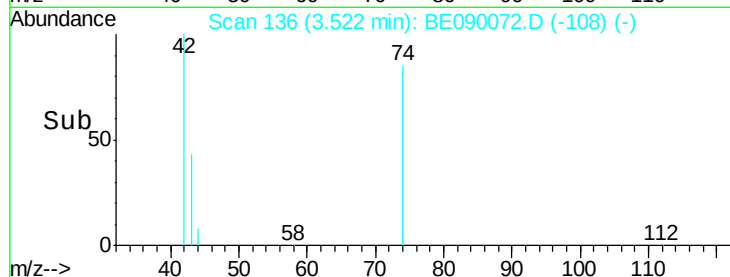
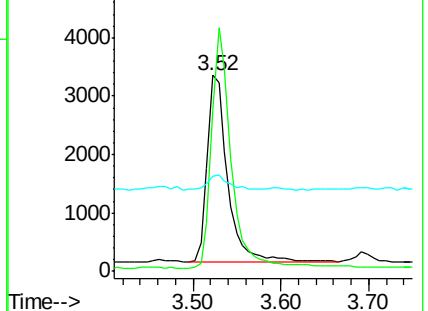
44 7.6 6.9 10.3



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: 3.21 ng

RT: 5.24 min Scan# 390

Delta R.T. -0.00 min

Lab File: BE090072.D

Acq: 8 Jul 2015 23:19

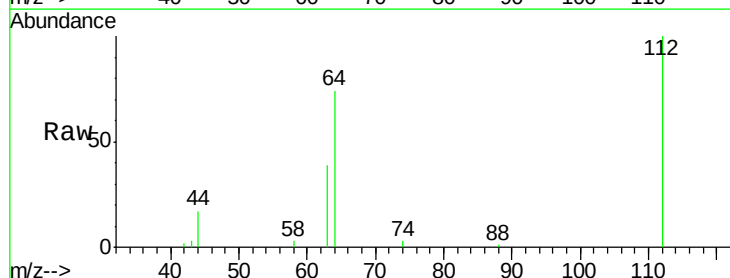
Tgt Ion: 112 Resp: 15217

Ion Ratio Lower Upper

112 100

64 70.4 56.3 84.5

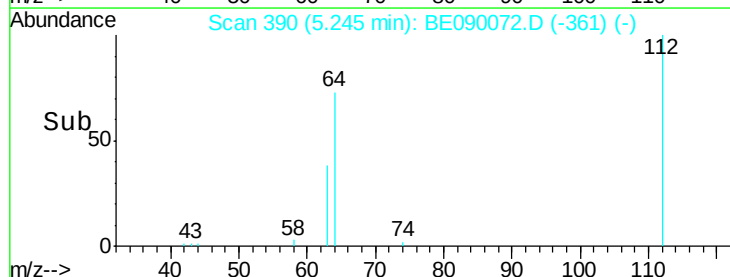
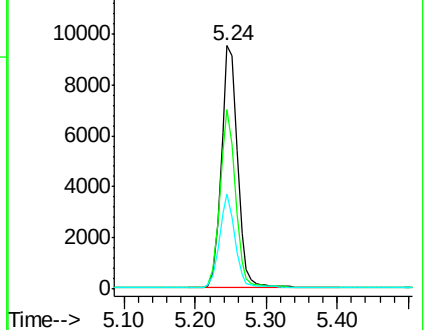
63 36.4 29.8 44.6

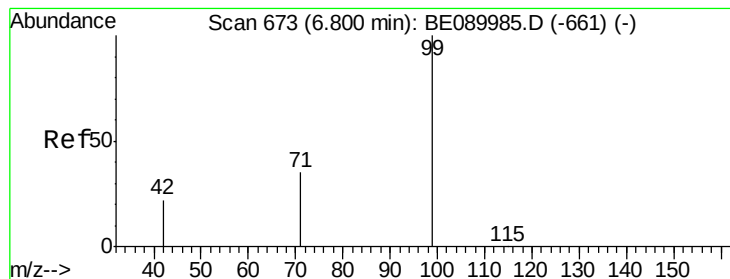


Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 4.65 ng

RT: 6.80 min Scan# 672

Delta R.T. -0.00 min

Lab File: BE090072.D

Acq: 8 Jul 2015 23:19

Instrument :

BNA_E

ClientSampleId :

X1SS0720006-150625MSD

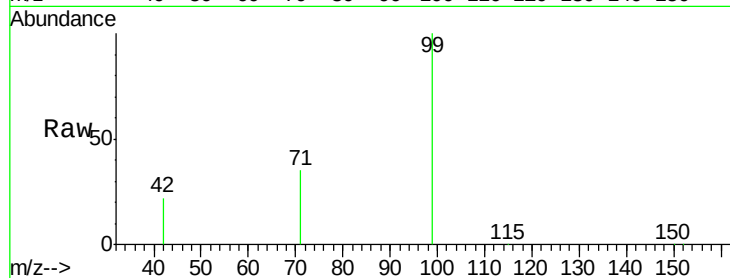
Tgt Ion: 99 Resp: 30814

Ion Ratio Lower Upper

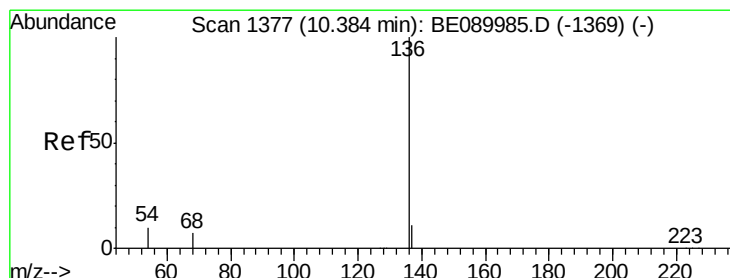
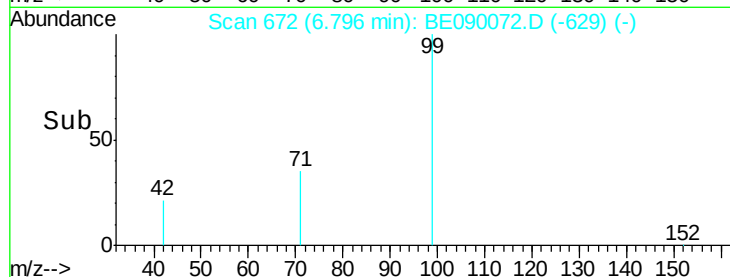
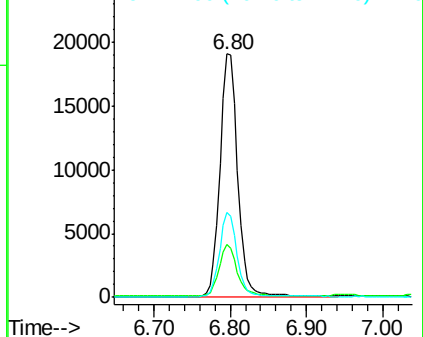
99 100

42 21.2 18.7 28.1

71 34.0 27.5 41.3



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: 10.37 min Scan# 1375

Delta R.T. -0.02 min

Lab File: BE090072.D

Acq: 8 Jul 2015 23:19

Tgt Ion: 136 Resp: 94026

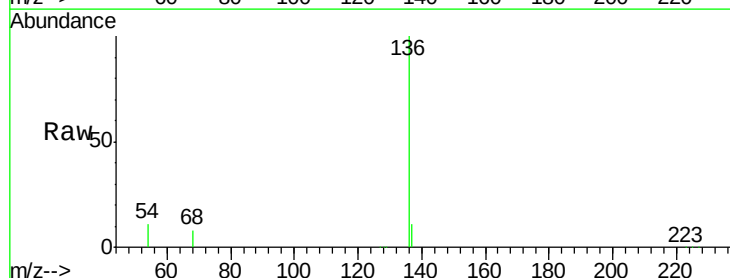
Ion Ratio Lower Upper

136 100

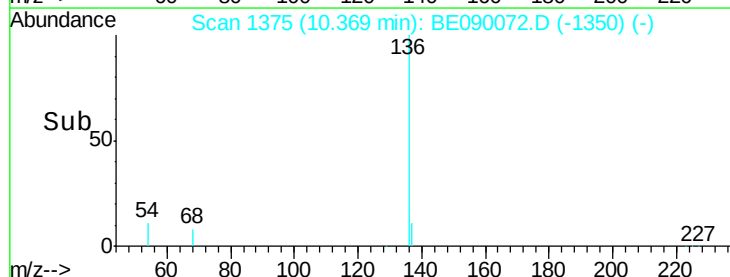
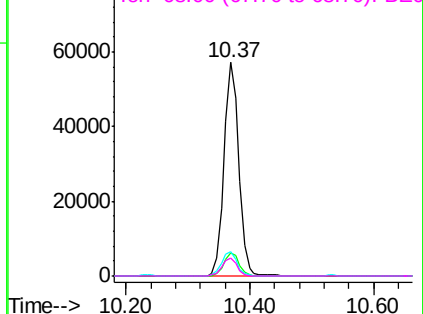
137 11.0 8.9 13.3

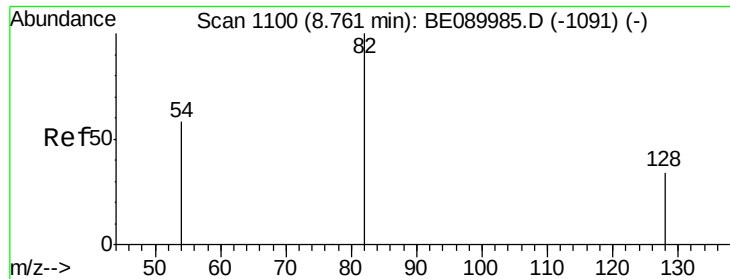
54 11.4 8.2 12.4

68 8.2 5.8 8.8



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: 2.41 ng

RT: 8.75 min Scan# 1098

Delta R.T. -0.01 min

Lab File: BE090072.D

Acq: 8 Jul 2015 23:19

Instrument :

BNA_E

ClientSampleId :

X1SS0720006-150625MSD

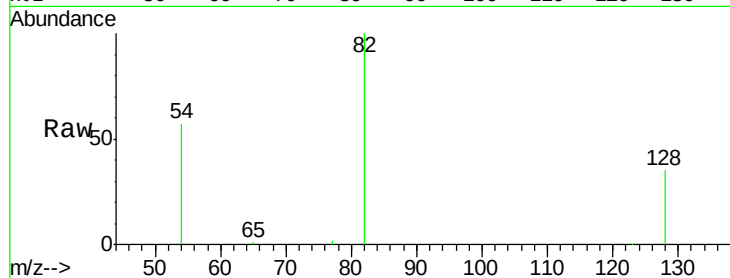
Tgt Ion: 82 Resp: 18001

Ion Ratio Lower Upper

82 100

128 34.9 28.0 42.0

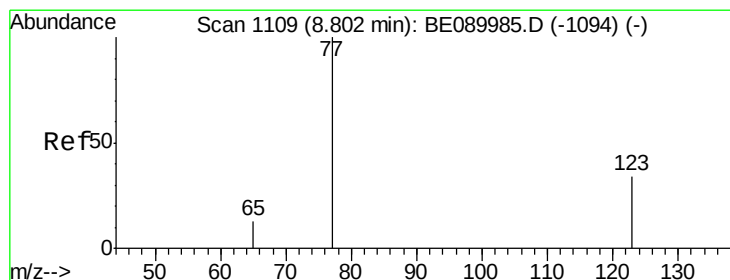
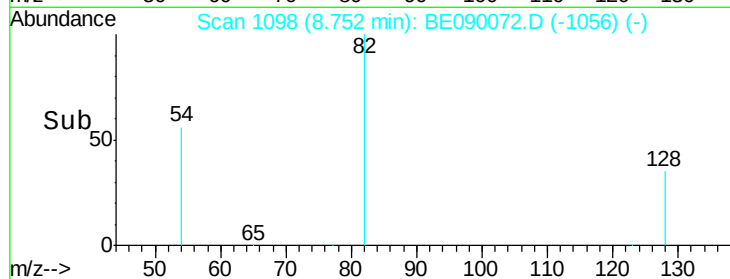
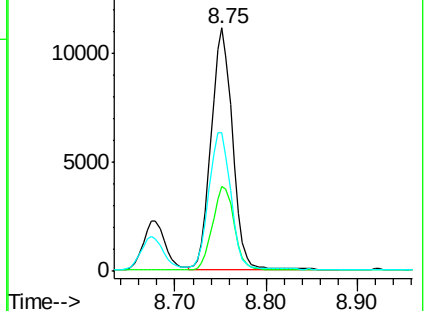
54 56.8 47.6 71.4



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: 2.29 ng

RT: 8.79 min Scan# 1107

Delta R.T. -0.01 min

Lab File: BE090072.D

Acq: 8 Jul 2015 23:19

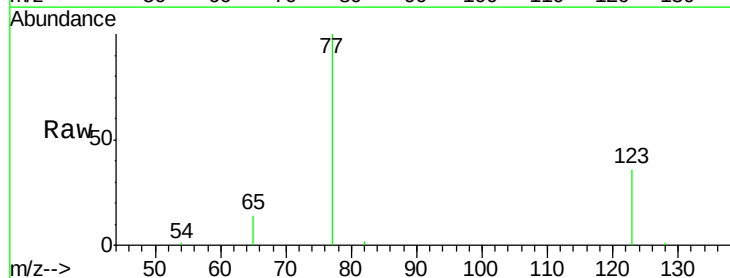
Tgt Ion: 77 Resp: 18176

Ion Ratio Lower Upper

77 100

123 36.3 27.4 41.0

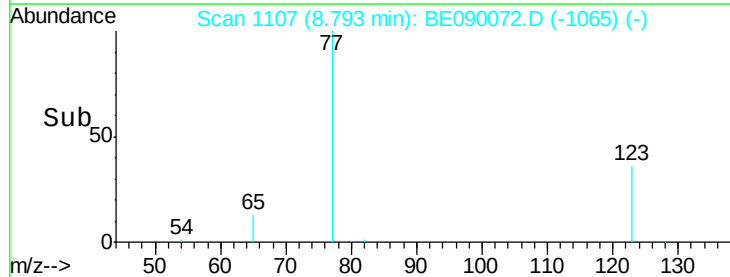
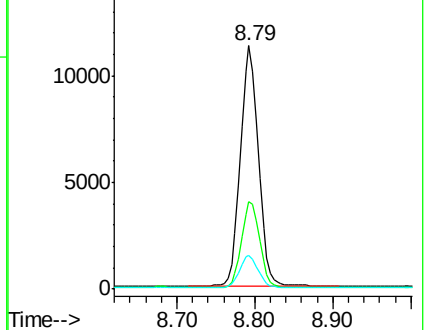
65 13.5 10.6 15.8

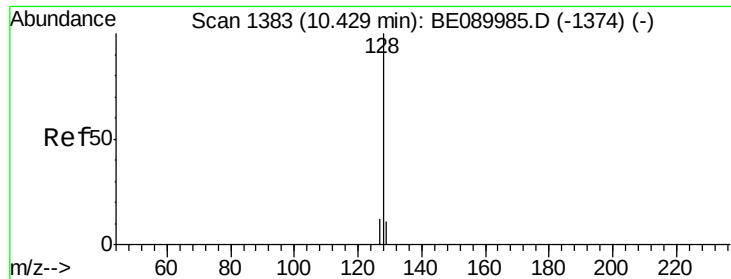


Abundance Ion 77.00 (76.70 to 77.70): BE0

Ion 123.00 (122.70 to 123.70): BE0

Ion 65.00 (64.70 to 65.70): BE0





#9

Naphthalene

Concen: 2.36 ng

RT: 10.41 min Scan# 1381

Delta R.T. -0.02 min

Lab File: BE090072.D

Acq: 8 Jul 2015 23:19

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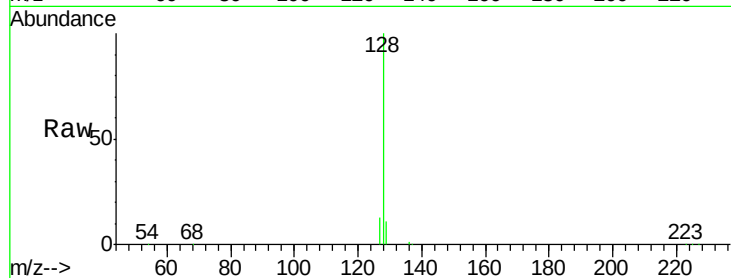
Tgt Ion:128 Resp: 50256

Ion Ratio Lower Upper

128 100

129 11.0 9.3 13.9

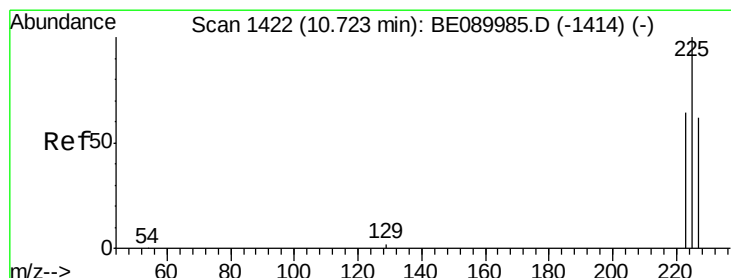
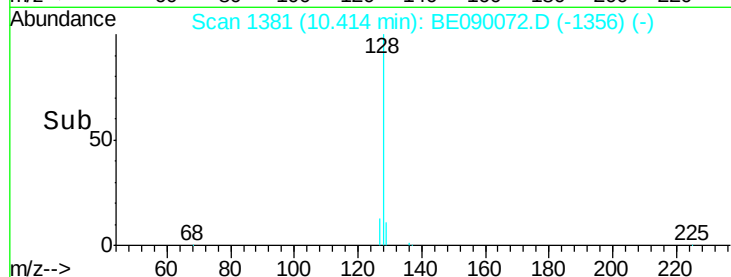
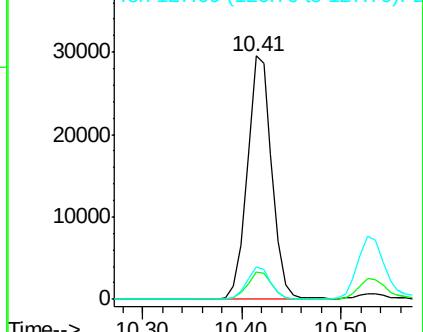
127 13.5 10.2 15.4



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: 2.17 ng

RT: 10.72 min Scan# 1421

Delta R.T. -0.01 min

Lab File: BE090072.D

Acq: 8 Jul 2015 23:19

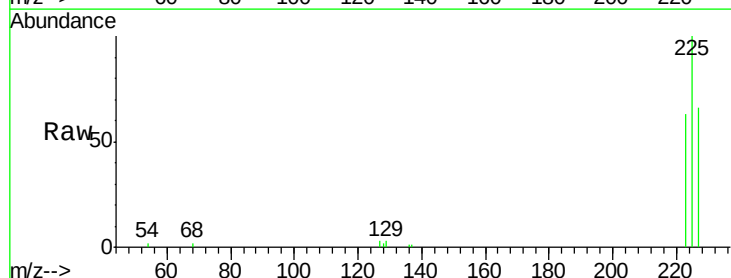
Tgt Ion:225 Resp: 7264

Ion Ratio Lower Upper

225 100

223 63.0 50.1 75.1

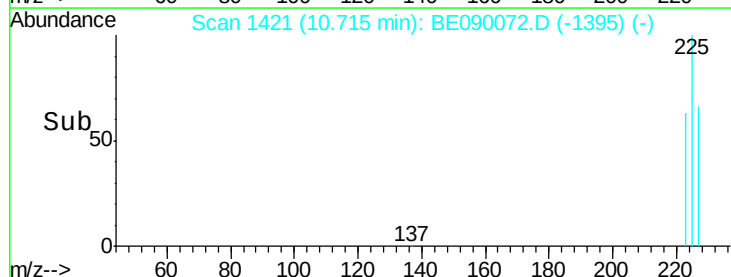
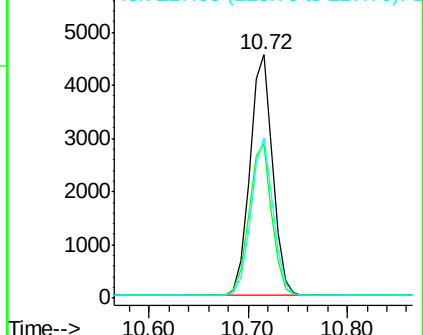
227 63.9 50.9 76.3

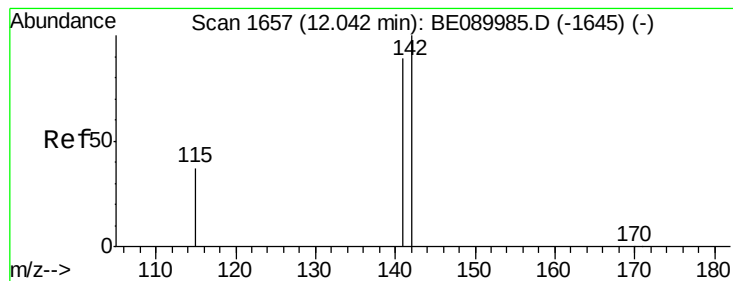


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene

Concen: 2.61 ng

RT: 12.03 min Scan# 1655

Delta R.T. -0.01 min

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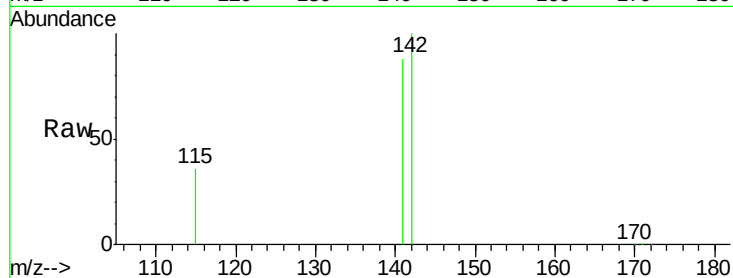
Tgt Ion:142 Resp: 37020

Ion Ratio Lower Upper

142 100

141 87.9 71.3 106.9

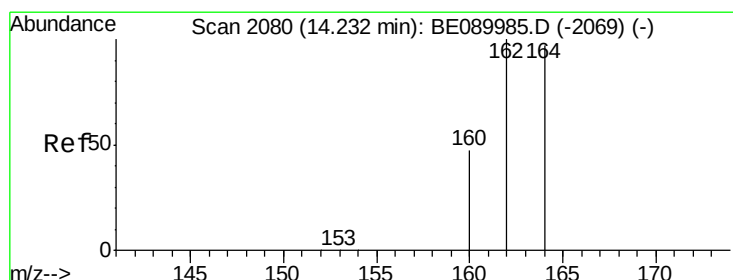
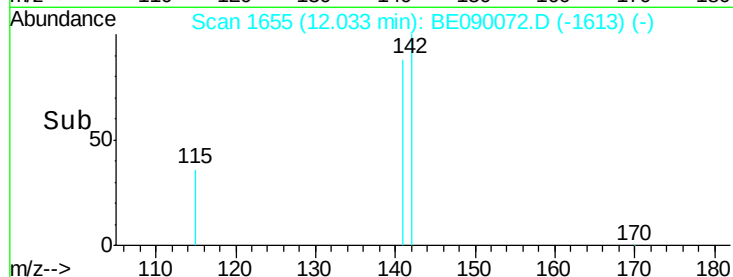
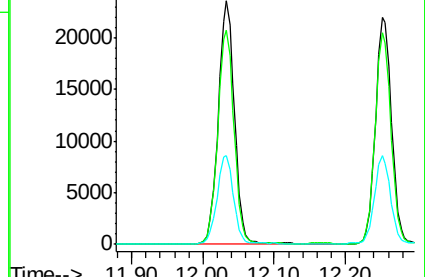
115 36.4 30.4 45.6



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: 14.23 min Scan# 2079

Delta R.T. -0.01 min

Lab File: BE090072.D

Acq: 8 Jul 2015 23:19

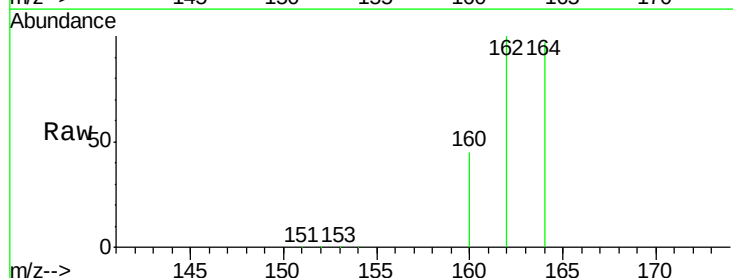
Tgt Ion:164 Resp: 52026

Ion Ratio Lower Upper

164 100

162 102.8 82.2 123.4

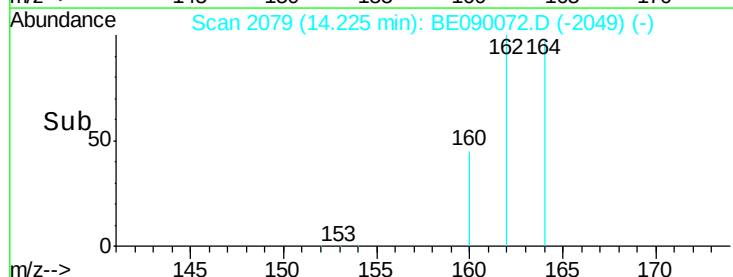
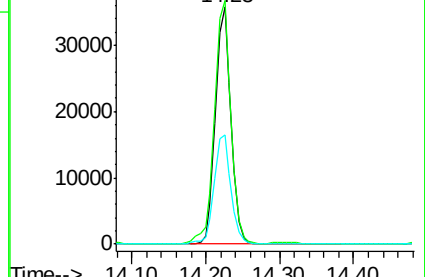
160 45.9 39.0 58.6

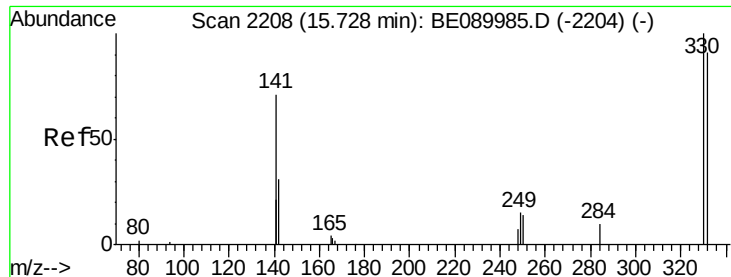


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

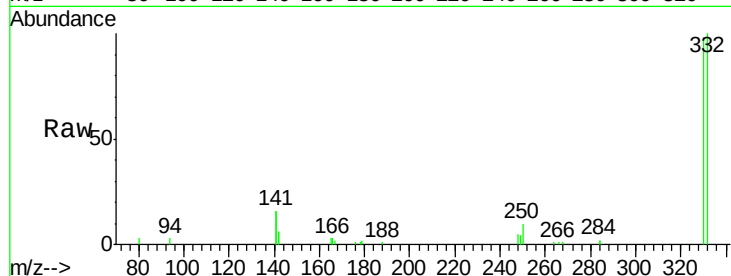




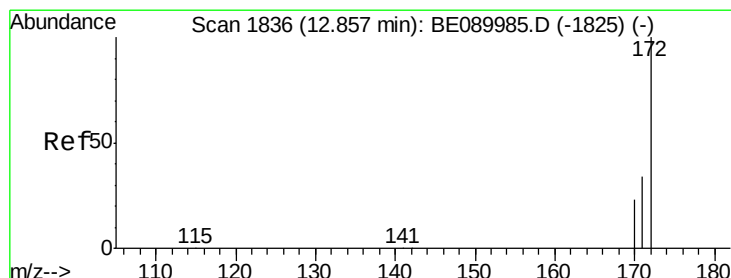
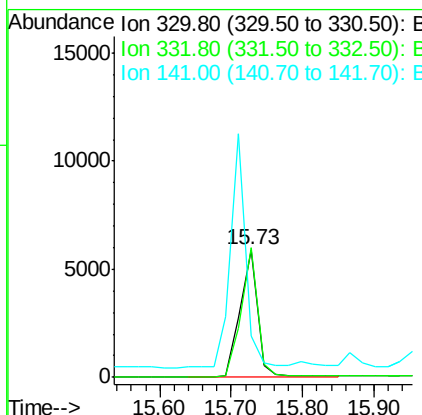
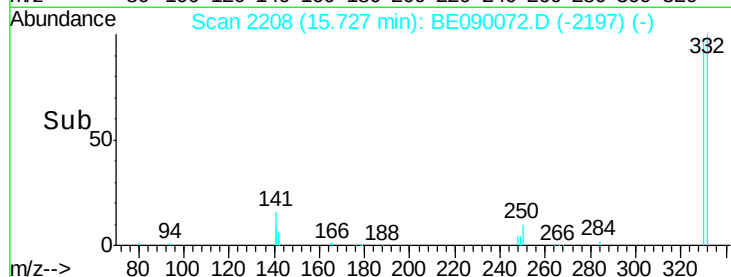
#13
 2,4,6-Tribromophenol
 Concen: 6.39 ng
 RT: 15.73 min Scan# 2208
 Delta R.T. -0.00 min
 Lab File: BE090072.D
 Acq: 8 Jul 2015 23:19

Instrument :
 BNA_E
 ClientSampleId :
 X1SS0720006-150625MSD

Tgt Ion: 330 Resp: 9737
 Ion Ratio Lower Upper
 330 100
 332 96.9 76.4 114.6
 141 163.4 130.3 195.5

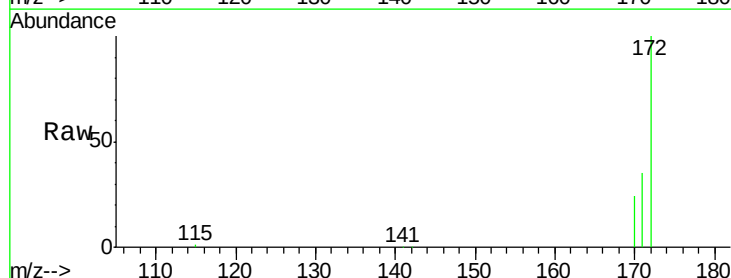


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

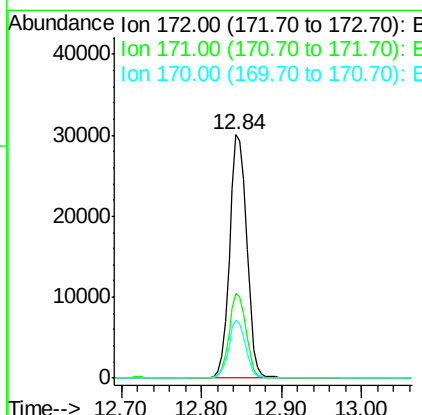
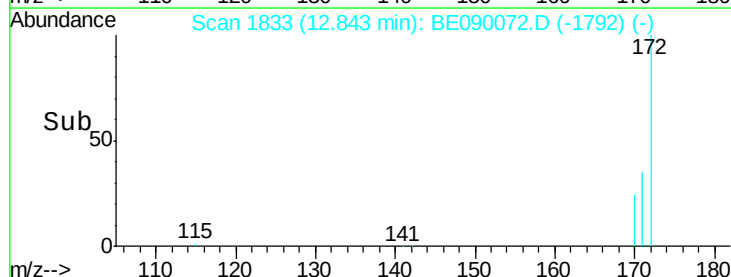


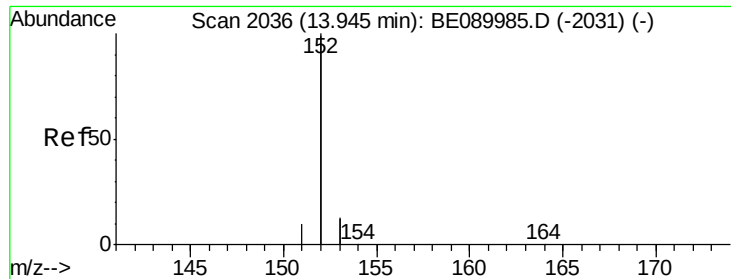
#14
 2-Fluorobiphenyl
 Concen: 2.85 ng
 RT: 12.84 min Scan# 1833
 Delta R.T. -0.01 min
 Lab File: BE090072.D
 Acq: 8 Jul 2015 23:19

Tgt Ion: 172 Resp: 44489
 Ion Ratio Lower Upper
 172 100
 171 35.1 27.8 41.6
 170 23.8 18.3 27.5



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: 2.74 ng

RT: 13.94 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BE090072.D

Acq: 8 Jul 2015 23:19

Instrument :

BNA_E

ClientSampleId :

X1SS0720006-150625MSD

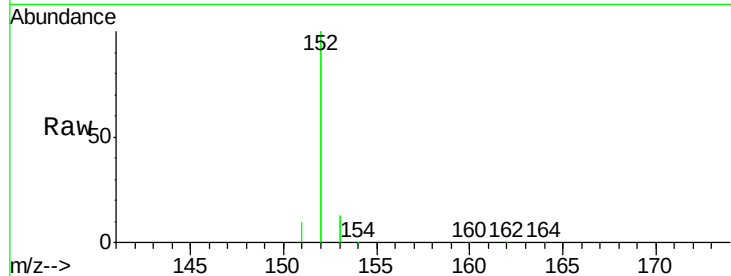
Tgt Ion:152 Resp: 257190

Ion Ratio Lower Upper

152 100

151 4.9 3.9 5.9

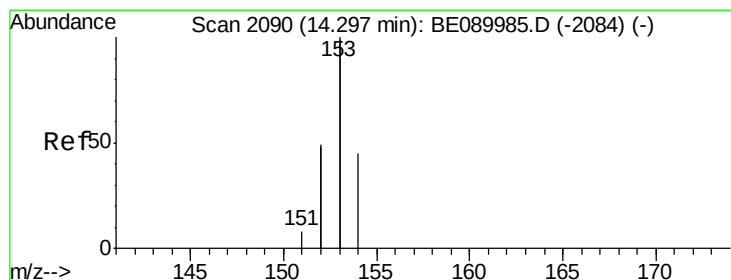
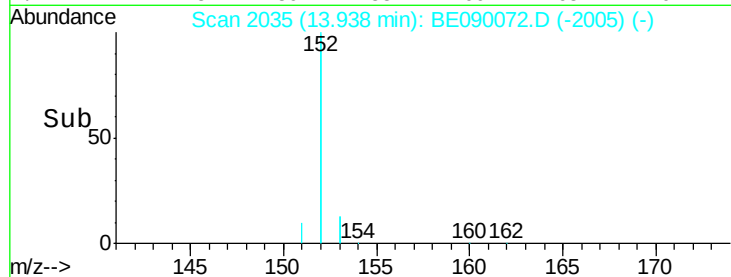
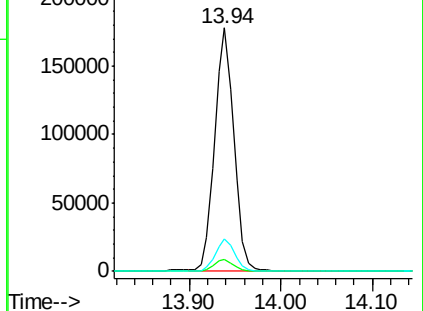
153 13.1 10.4 15.6



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: 2.76 ng

RT: 14.28 min Scan# 2088

Delta R.T. -0.01 min

Lab File: BE090072.D

Acq: 8 Jul 2015 23:19

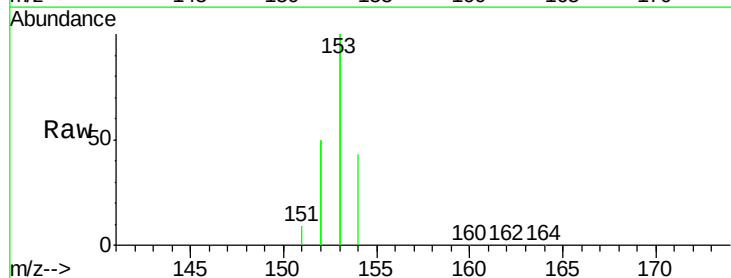
Tgt Ion:154 Resp: 37358

Ion Ratio Lower Upper

154 100

153 458.2 358.6 538.0

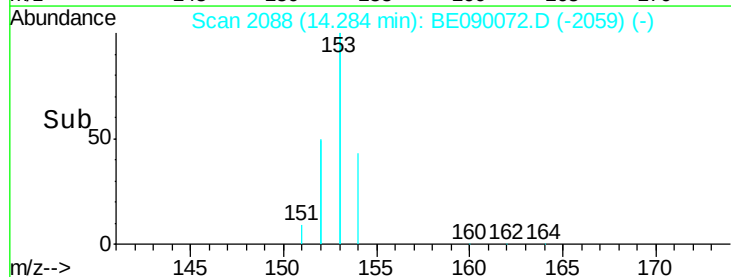
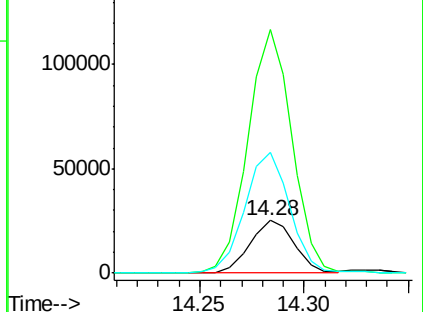
152 230.5 189.6 284.4

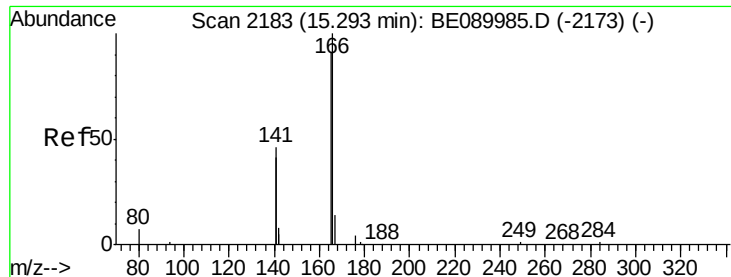


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

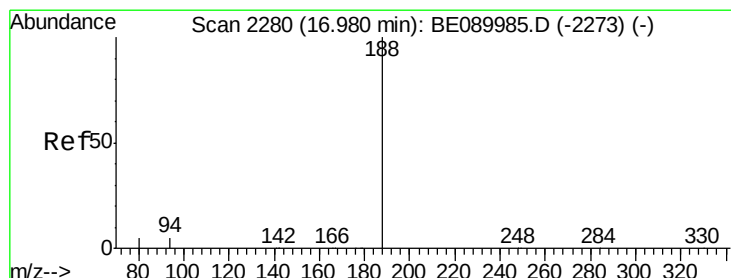
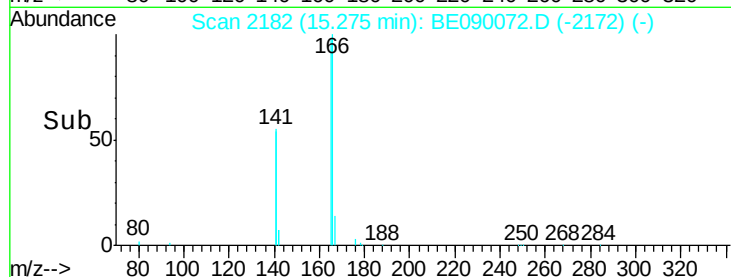
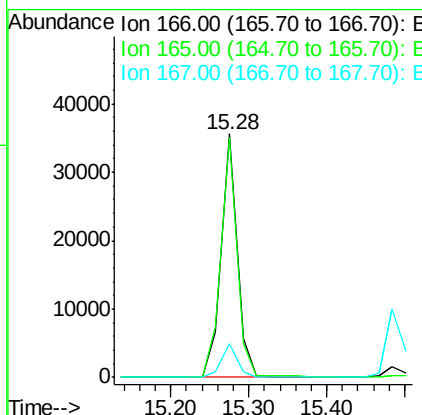
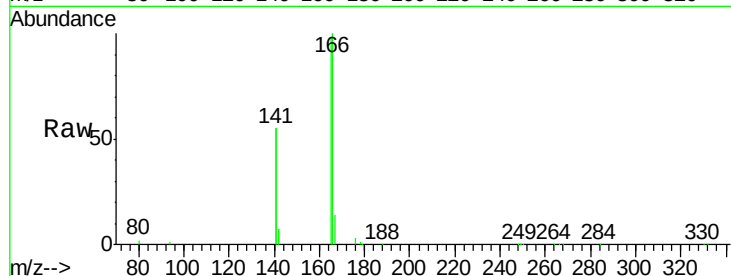




#17
Fluorene
 Concen: 2.72 ng
 RT: 15.28 min Scan# 2182
 Delta R.T. -0.02 min
 Lab File: BE090072.D
 Acq: 8 Jul 2015 23:19

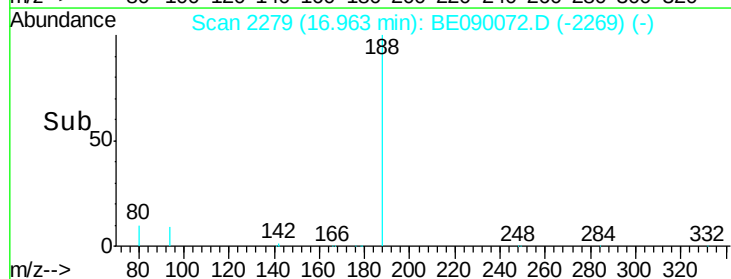
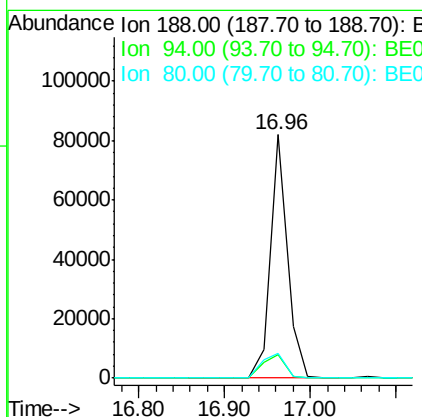
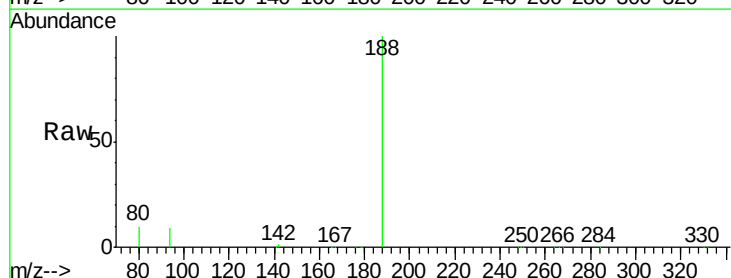
Instrument :
 BNA_E
 ClientSampleId :
 X1SS0720006-150625MSD

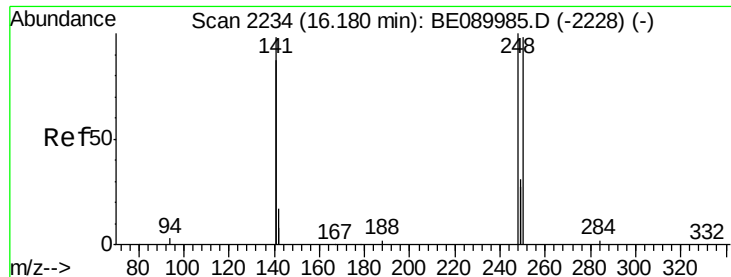
Tgt Ion:166 Resp: 50030
 Ion Ratio Lower Upper
 166 100
 165 98.8 79.0 118.6
 167 13.7 11.8 17.8



#18
Phenanthrene-d10
 Concen: 5.00 ng
 RT: 16.96 min Scan# 2279
 Delta R.T. -0.02 min
 Lab File: BE090072.D
 Acq: 8 Jul 2015 23:19

Tgt Ion:188 Resp: 114540
 Ion Ratio Lower Upper
 188 100
 94 9.5 4.1 6.1#
 80 10.3 4.2 6.2#

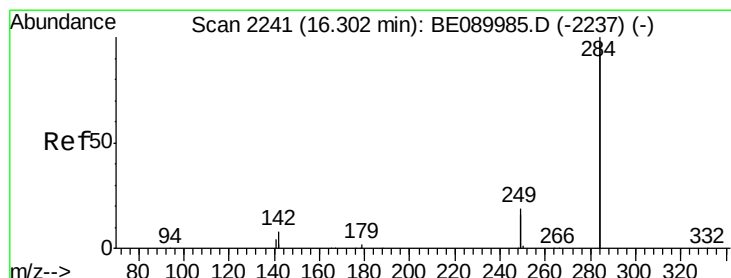
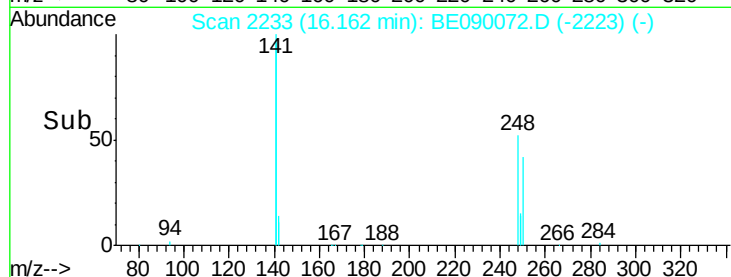
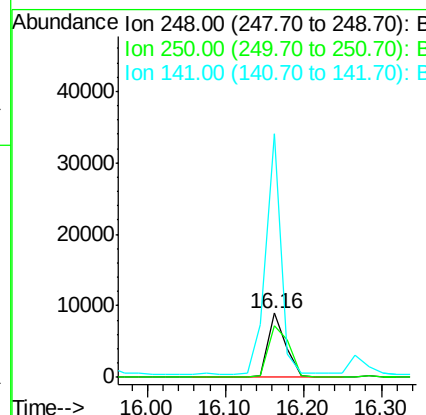
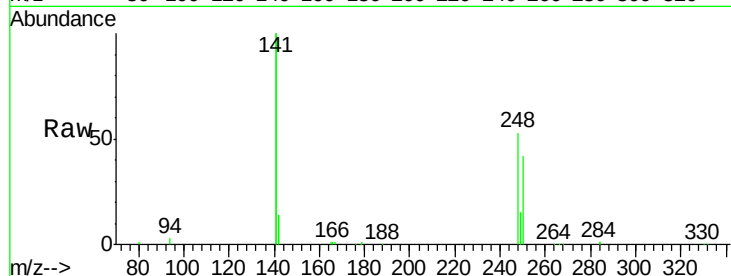




#19
4-Bromophenyl-phenylether
Concen: 2.87 ng
RT: 16.16 min Scan# 2233
Delta R.T. -0.02 min
Lab File: BE090072.D
Acq: 8 Jul 2015 23:19

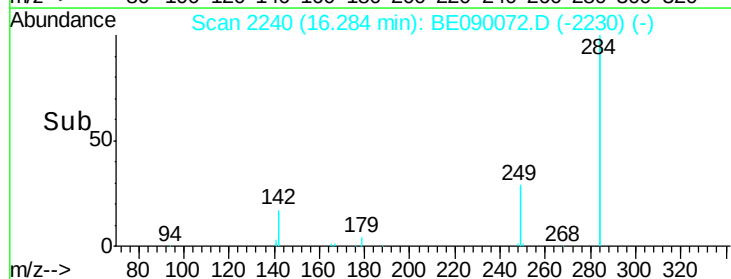
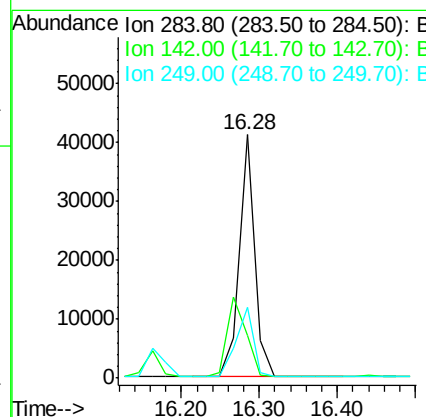
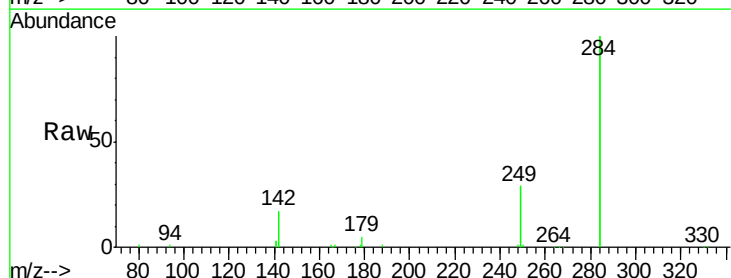
Instrument :
BNA_E
ClientSampleId :
X1SS0720006-150625MSD

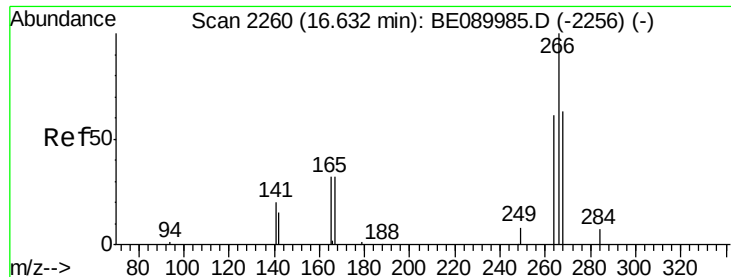
Tgt Ion:248 Resp: 13974
Ion Ratio Lower Upper
248 100
250 94.7 78.3 117.5
141 326.0 248.1 372.1



#20
Hexachlorobenzene
Concen: 2.79 ng
RT: 16.28 min Scan# 2240
Delta R.T. -0.02 min
Lab File: BE090072.D
Acq: 8 Jul 2015 23:19

Tgt Ion:284 Resp: 56566
Ion Ratio Lower Upper
284 100
142 38.9 32.6 49.0
249 32.5 25.5 38.3

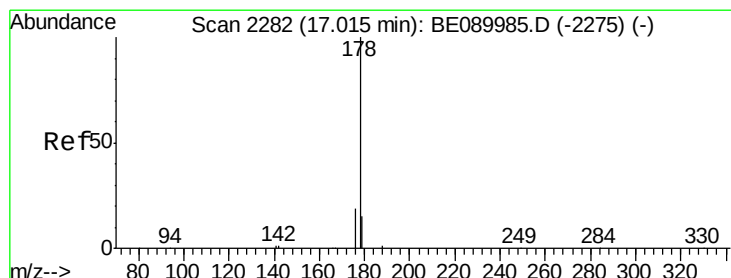
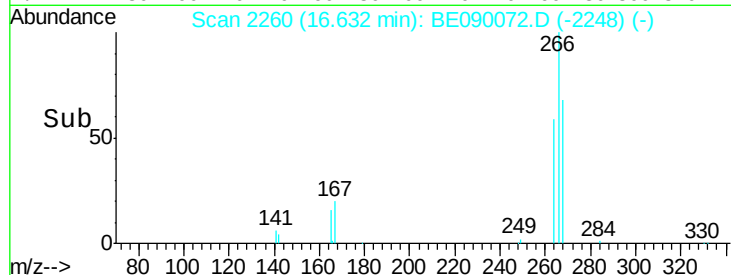
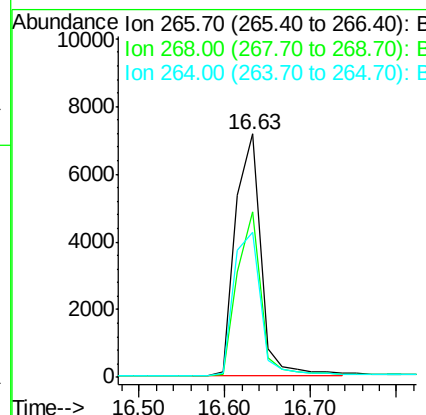
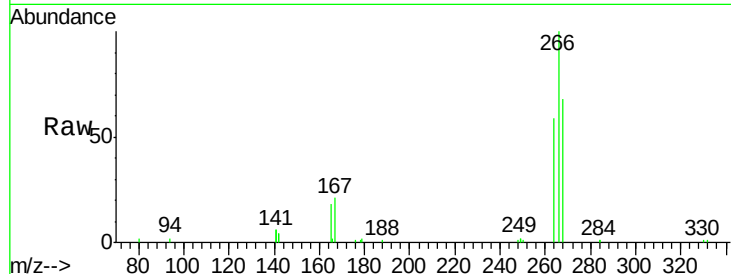




#21
 Pentachlorophenol
 Concen: 5.77 ng
 RT: 16.63 min Scan# 2260
 Delta R.T. 0.00 min
 Lab File: BE090072.D
 Acq: 8 Jul 2015 23:19

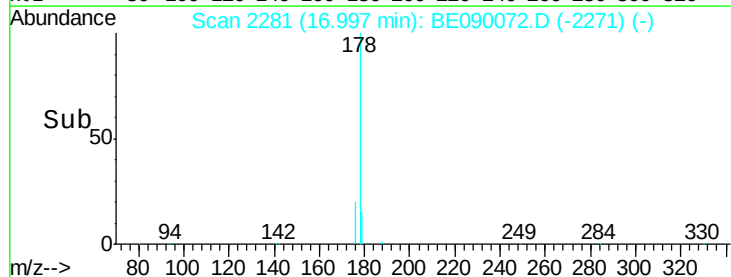
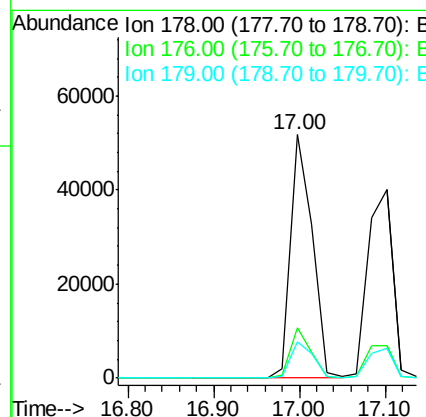
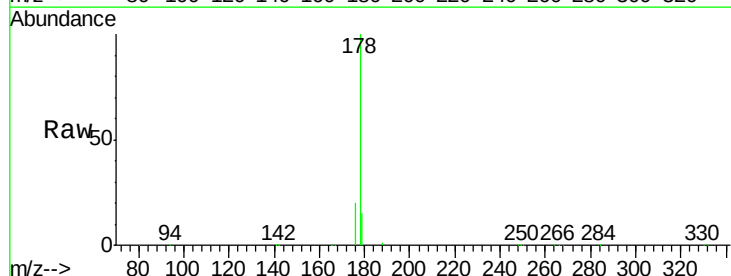
Instrument :
 BNA_E
 ClientSampleId :
 X1SS0720006-150625MSD

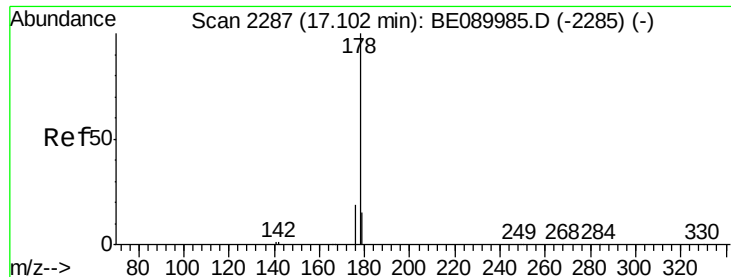
Tgt Ion: 266 Resp: 14776
 Ion Ratio Lower Upper
 266 100
 268 68.2 51.8 77.8
 264 59.5 50.2 75.2



#22
 Phenanthrene
 Concen: 3.12 ng
 RT: 17.00 min Scan# 2281
 Delta R.T. -0.02 min
 Lab File: BE090072.D
 Acq: 8 Jul 2015 23:19

Tgt Ion: 178 Resp: 91424
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.3 22.9
 179 15.3 12.4 18.6





#23

Anthracene

Concen: 3.00 ng

RT: 17.10 min Scan# 2287

Delta R.T. -0.00 min

Lab File: BE090072.D

Acq: 8 Jul 2015 23:19

Instrument :

BNA_E

ClientSampleId :

X1SS0720006-150625MSD

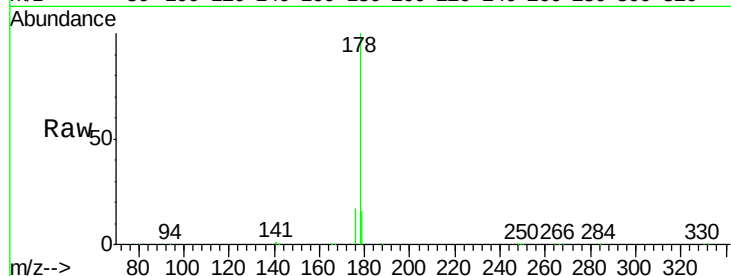
Tgt Ion:178 Resp: 80547

Ion Ratio Lower Upper

178 100

176 18.6 14.7 22.1

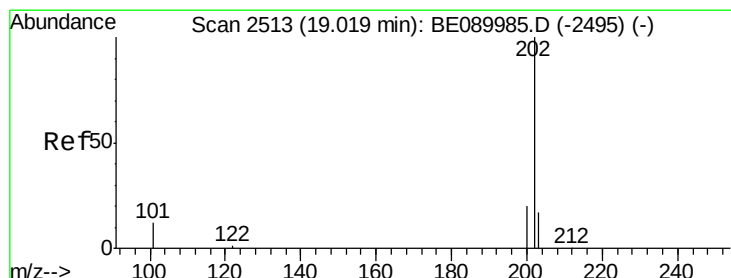
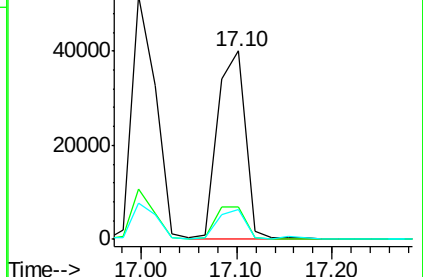
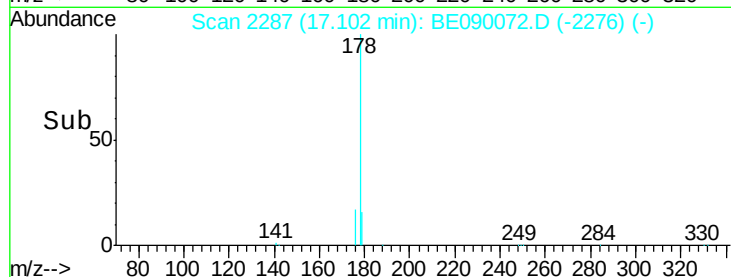
179 15.2 12.1 18.1



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: 4.03 ng

RT: 19.01 min Scan# 2511

Delta R.T. -0.01 min

Lab File: BE090072.D

Acq: 8 Jul 2015 23:19

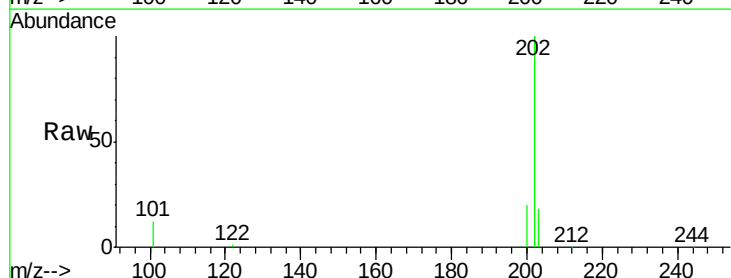
Tgt Ion:202 Resp: 132073

Ion Ratio Lower Upper

202 100

101 13.6 10.6 15.8

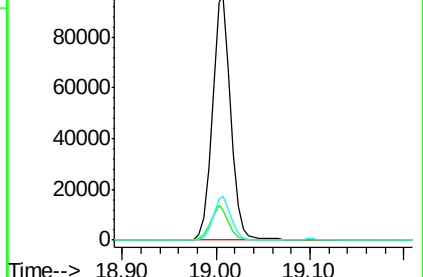
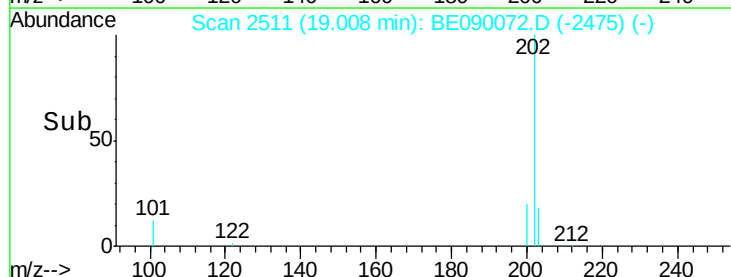
203 17.3 13.8 20.6

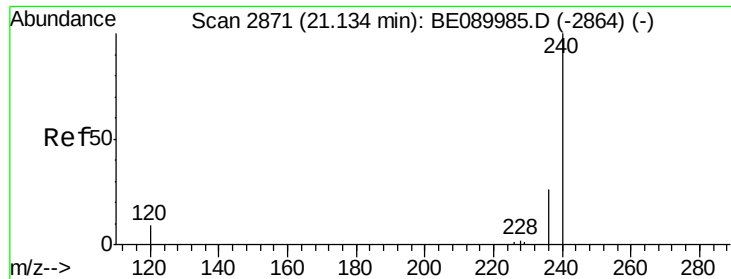


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.12 min Scan# 2869

Delta R.T. -0.01 min

Lab File: BE090072.D

Acq: 8 Jul 2015 23:19

Instrument :

BNA_E

ClientSampleId :

X1SS0720006-150625MSD

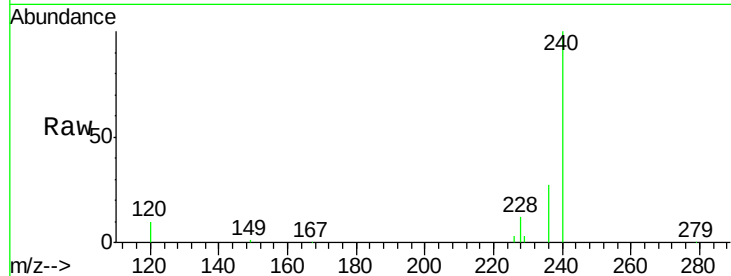
Tgt Ion:240 Resp: 129543

Ion Ratio Lower Upper

240 100

120 10.4 6.9 10.3#

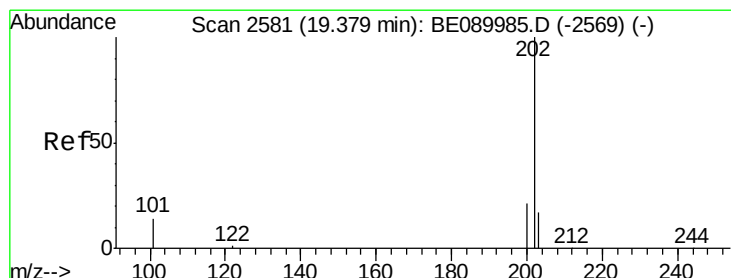
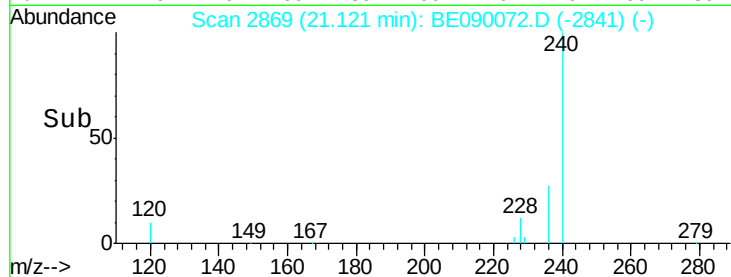
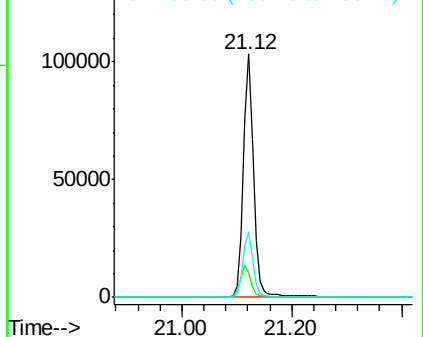
236 26.9 20.8 31.2



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#26

Pyrene

Concen: 4.37 ng

RT: 19.37 min Scan# 2579

Delta R.T. -0.01 min

Lab File: BE090072.D

Acq: 8 Jul 2015 23:19

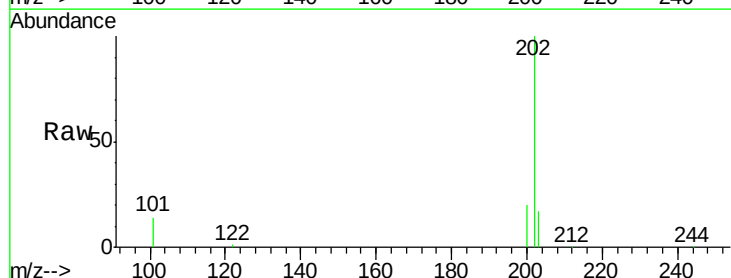
Tgt Ion:202 Resp: 135060

Ion Ratio Lower Upper

202 100

200 21.1 16.8 25.2

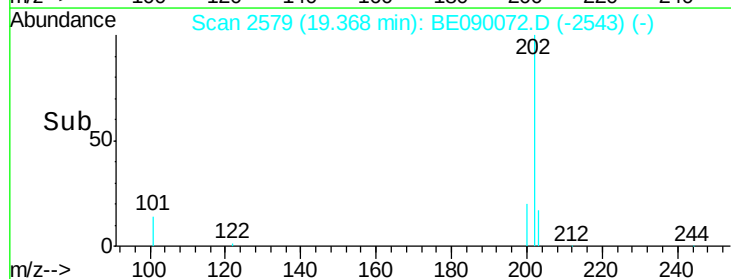
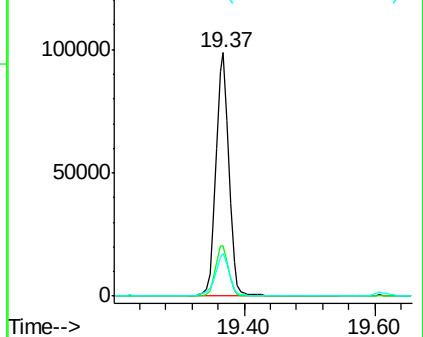
203 18.7 13.9 20.9

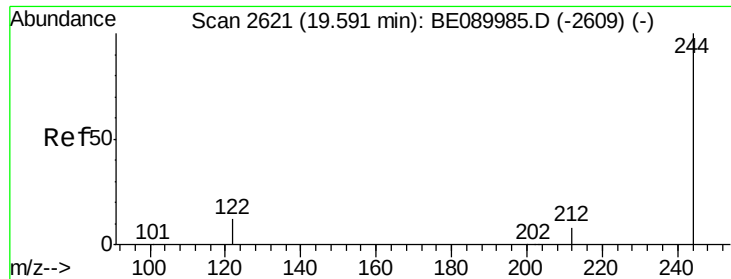


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

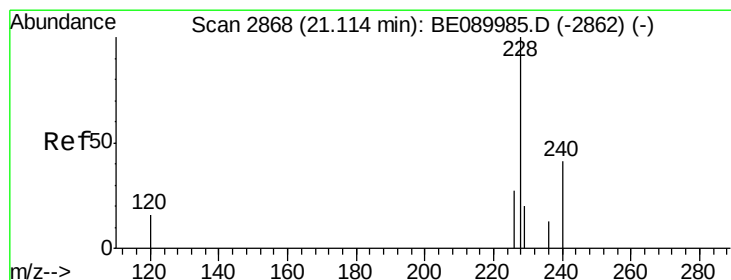
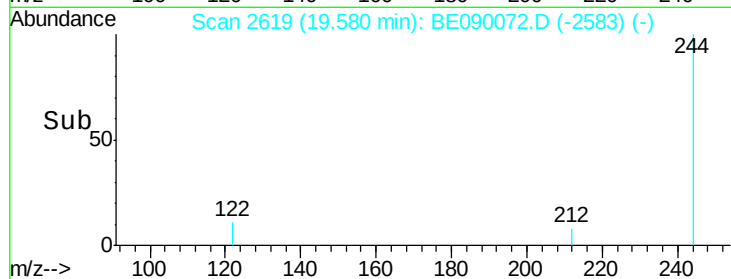
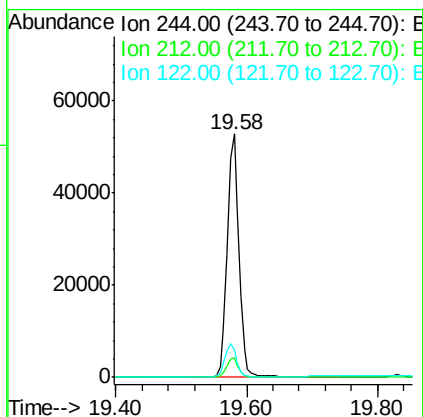
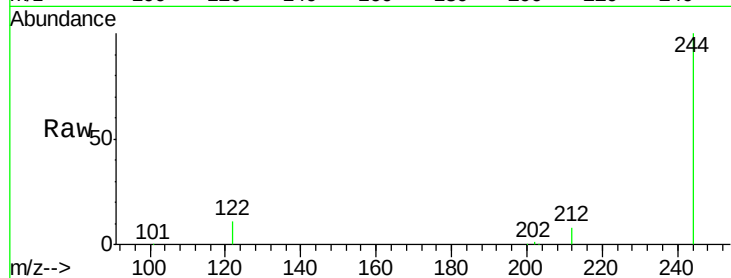




#27
 Terphenyl-d14
 Concen: 3.02 ng
 RT: 19.58 min Scan# 2619
 Delta R.T. -0.01 min
 Lab File: BE090072.D
 Acq: 8 Jul 2015 23:19

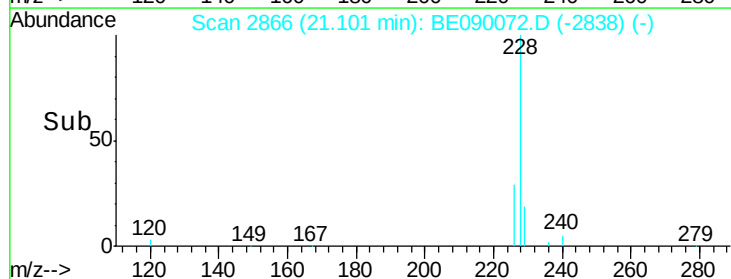
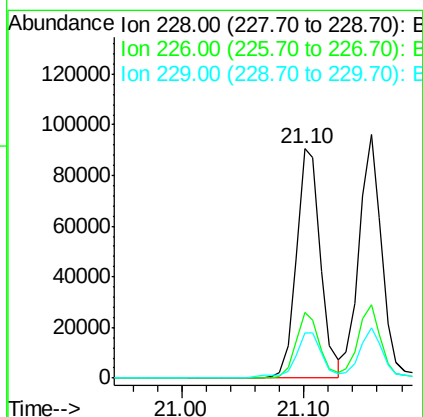
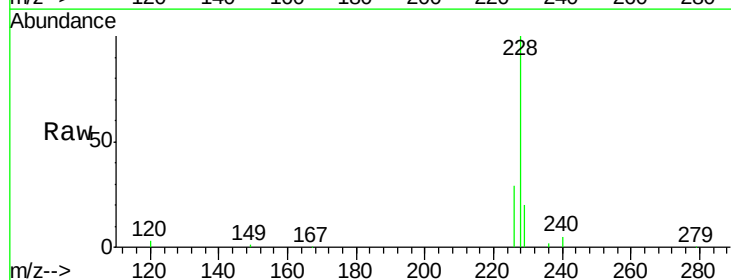
Instrument :
 BNA_E
 ClientSampleId :
 X1SS0720006-150625MSD

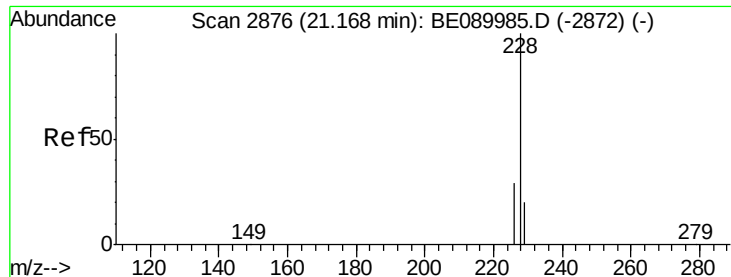
Tgt Ion: 244 Resp: 65226
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.6 9.8
 122 11.1 9.8 14.8



#28
 Benzo(a)anthracene
 Concen: 3.79 ng
 RT: 21.10 min Scan# 2866
 Delta R.T. -0.01 min
 Lab File: BE090072.D
 Acq: 8 Jul 2015 23:19

Tgt Ion: 228 Resp: 122614
 Ion Ratio Lower Upper
 228 100
 226 28.8 21.8 32.6
 229 19.6 15.8 23.6





#29

Chrysene

Concen: 3.66 ng

RT: 21.16 min Scan# 2874

Delta R.T. -0.01 min

Lab File: BE090072.D

Acq: 8 Jul 2015 23:19

Instrument :

BNA_E

ClientSampleId :

X1SS0720006-150625MSD

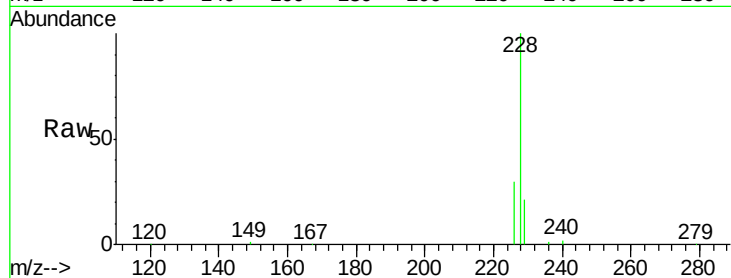
Tgt Ion:228 Resp: 123113

Ion Ratio Lower Upper

228 100

226 30.1 23.4 35.0

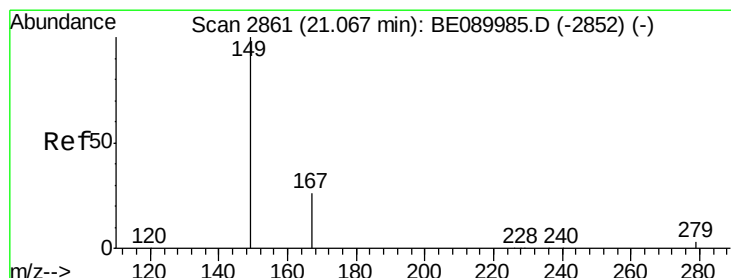
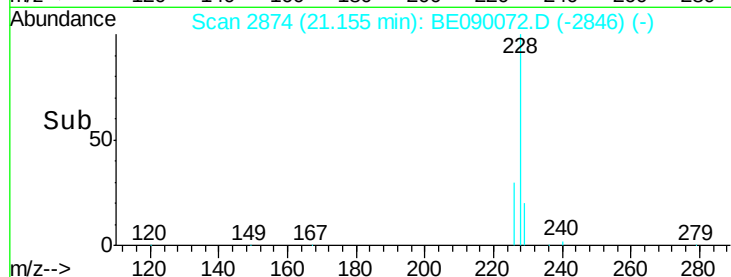
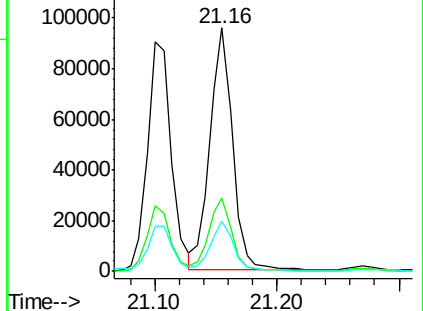
229 20.5 16.2 24.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#30

Bis(2-ethylhexyl)phthalate

Concen: 3.99 ng

RT: 21.05 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BE090072.D

Acq: 8 Jul 2015 23:19

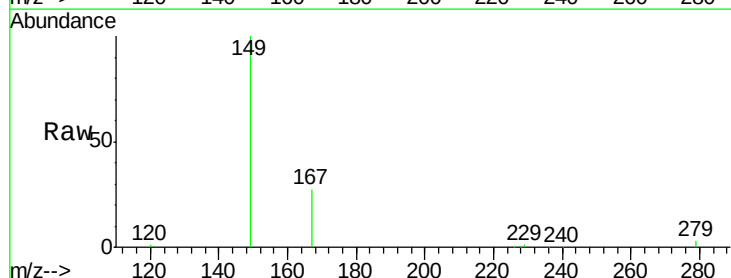
Tgt Ion:149 Resp: 58326

Ion Ratio Lower Upper

149 100

167 27.1 20.3 30.5

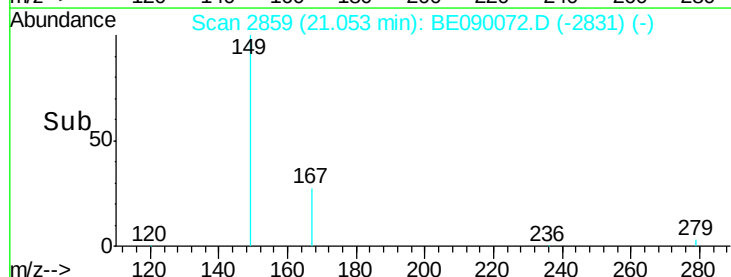
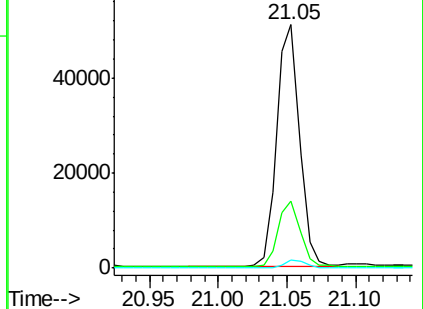
279 3.1 2.6 3.8

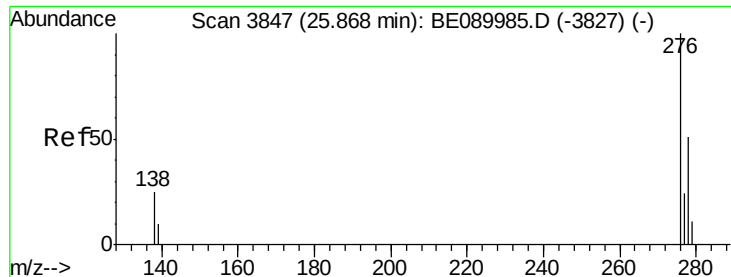


Abundance Ion 149.00 (148.70 to 149.70): E

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: 3.59 ng

RT: 25.84 min Scan# 3840

Delta R.T. -0.03 min

Lab File: BE090072.D

Acq: 8 Jul 2015 23:19

Instrument :

BNA_E

ClientSampleId :

X1SS0720006-150625MSD

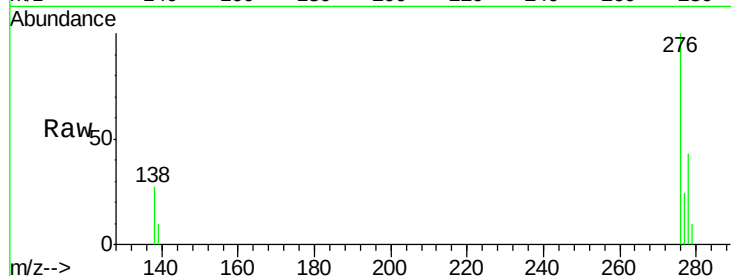
Tgt Ion:276 Resp: 115496

Ion Ratio Lower Upper

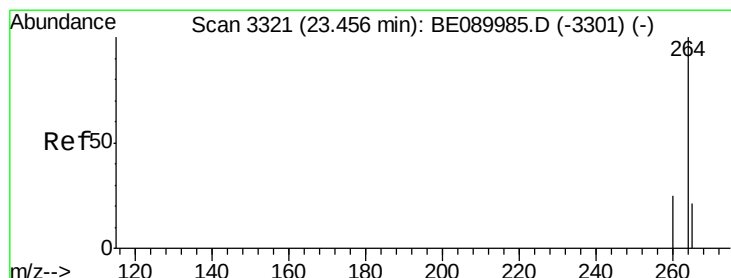
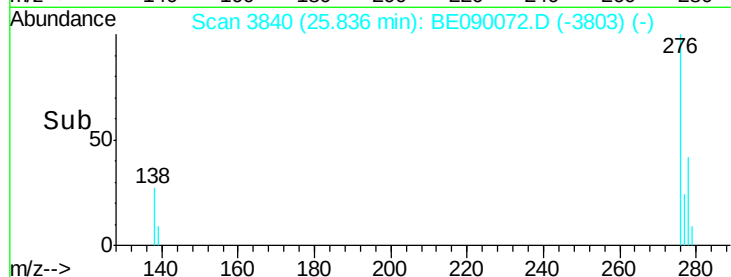
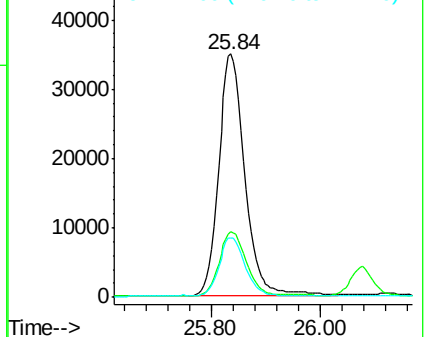
276 100

138 27.4 21.3 31.9

277 23.9 19.7 29.5



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: 23.44 min Scan# 3317

Delta R.T. -0.02 min

Lab File: BE090072.D

Acq: 8 Jul 2015 23:19

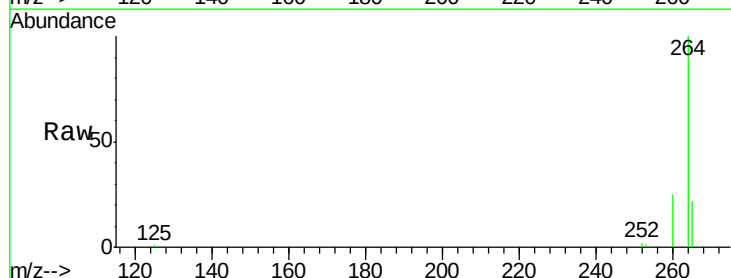
Tgt Ion:264 Resp: 121204

Ion Ratio Lower Upper

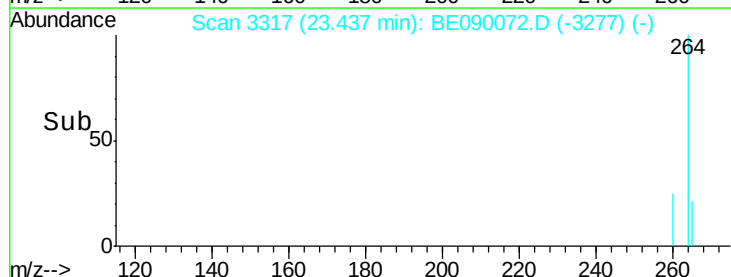
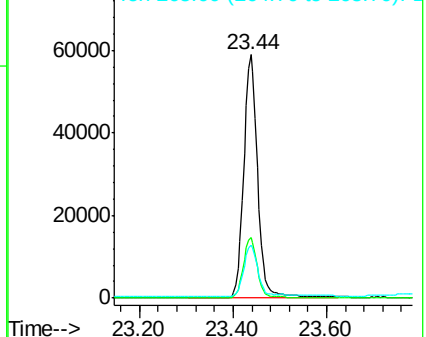
264 100

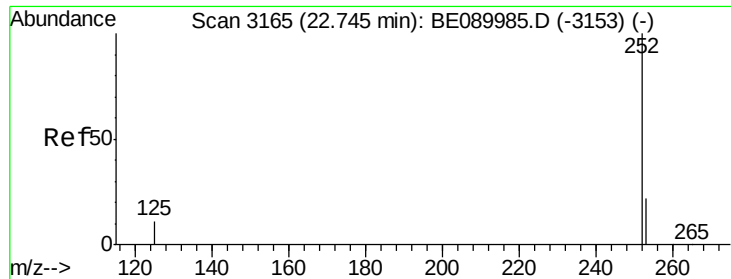
260 25.0 20.2 30.2

265 21.8 17.1 25.7



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: 4.78 ng

RT: 22.73 min Scan# 3162

Delta R.T. -0.01 min

Lab File: BE090072.D

Acq: 8 Jul 2015 23:19

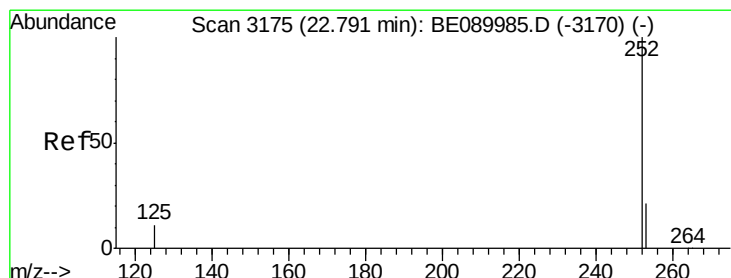
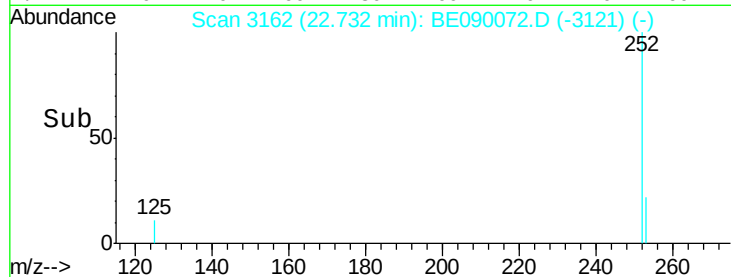
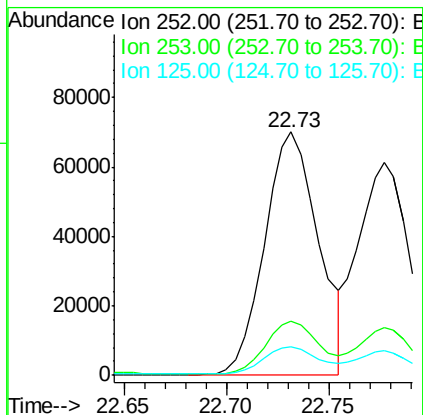
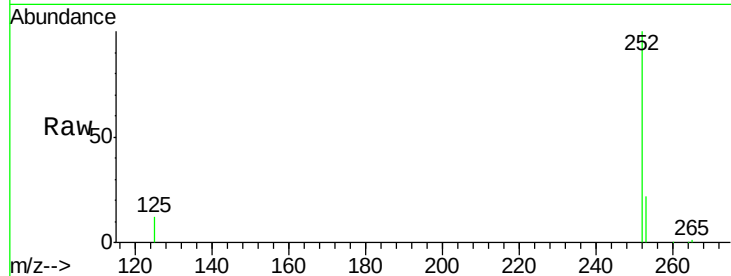
Instrument :

BNA_E

ClientSampleId :

X1SS0720006-150625MSD

Tgt Ion:	252	Resp:	127692
Ion Ratio	Lower	Upper	
252	100		
253	22.4	17.8	26.8
125	11.9	9.0	13.4



#34

Benzo(k)fluoranthene

Concen: 3.73 ng

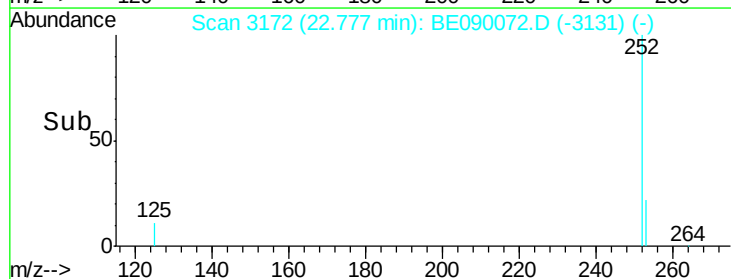
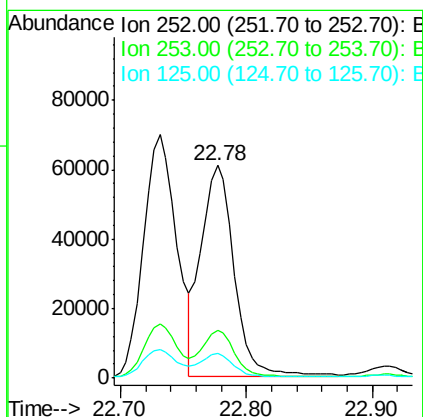
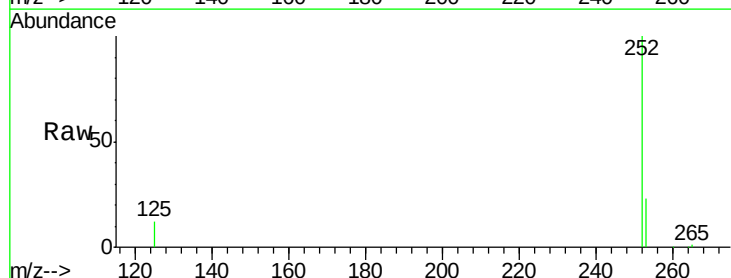
RT: 22.78 min Scan# 3172

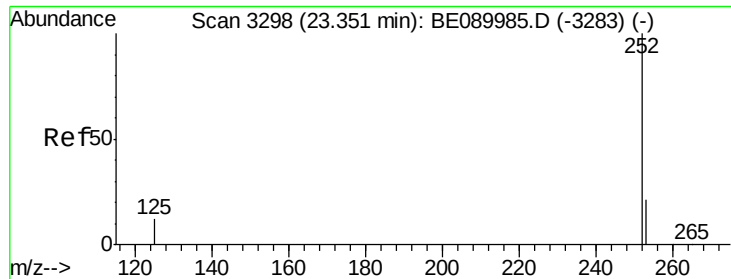
Delta R.T. -0.01 min

Lab File: BE090072.D

Acq: 8 Jul 2015 23:19

Tgt Ion:	252	Resp:	111345
Ion Ratio	Lower	Upper	
252	100		
253	22.5	17.5	26.3
125	11.6	9.5	14.3





#35

Benzo(a)pyrene

Concen: 4.60 ng

RT: 23.33 min Scan# 3294

Delta R.T. -0.02 min

Lab File: BE090072.D

Acq: 8 Jul 2015 23:19

Instrument :

BNA_E

ClientSampleId :

X1SS0720006-150625MSD

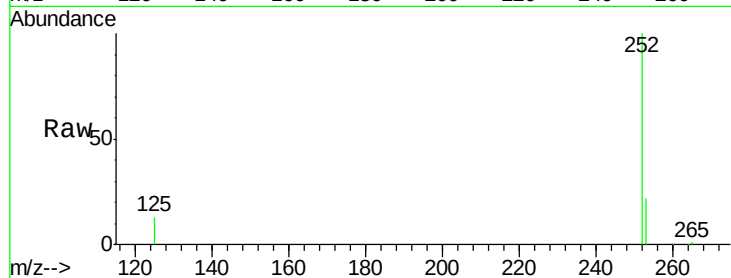
Tgt Ion: 252 Resp: 113468

Ion Ratio Lower Upper

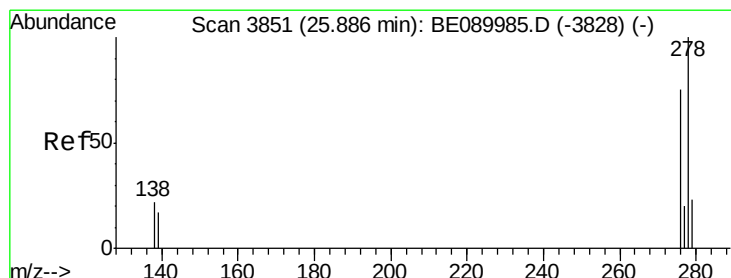
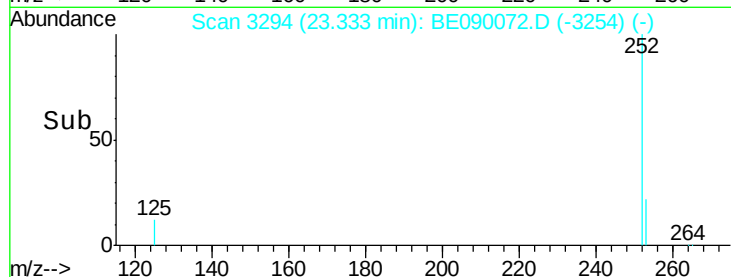
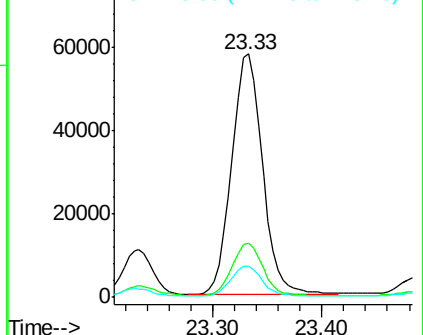
252 100

253 22.3 17.4 26.2

125 12.7 10.5 15.7



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



#36

Dibenzo(a,h)anthracene

Concen: 3.20 ng

RT: 25.85 min Scan# 3844

Delta R.T. -0.03 min

Lab File: BE090072.D

Acq: 8 Jul 2015 23:19

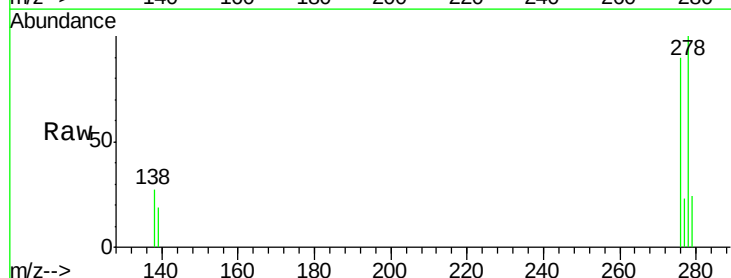
Tgt Ion: 278 Resp: 81083

Ion Ratio Lower Upper

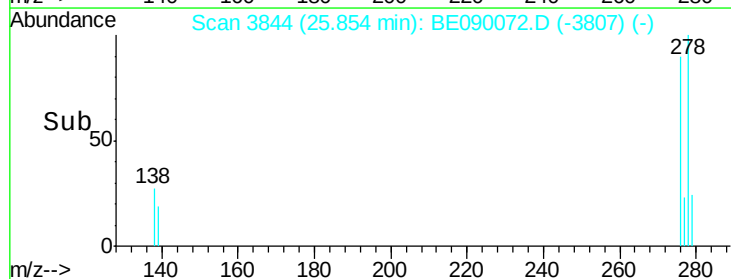
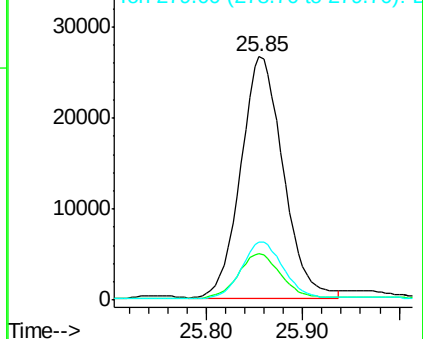
278 100

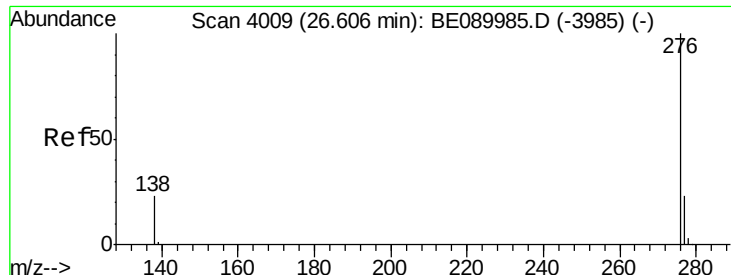
139 19.4 14.4 21.6

279 24.0 19.0 28.6



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: 3.96 ng

RT: 26.57 min Scan# 4002

Delta R.T. -0.03 min

Lab File: BE090072.D

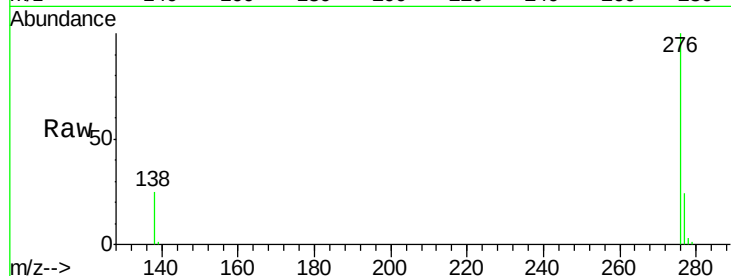
Acq: 8 Jul 2015 23:19

Instrument :

BNA_E

ClientSampleId :

X1SS0720006-150625MSD



Tgt Ion: 276 Resp: 101837

Ion Ratio Lower Upper

276 100

277 23.7 18.8 28.2

138 24.8 18.6 27.8

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

