

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE063015\
 Data File : BE090015.D
 Acq On : 30 Jun 2015 17:55
 Operator : TP/IZ
 Sample : PB84283BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB84283BS

Quant Time: Jul 01 05:16:59 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	13479	5.00	ng	0.00
6) Naphthalene-d8	10.37	136	58899	5.00	ng	-0.02
12) Acenaphthene-d10	14.23	164	32595	5.00	ng	0.00
18) Phenanthrene-d10	16.96	188	73970	5.00	ng	-0.02
25) Chrysene-d12	21.12	240	97021	5.00	ng	-0.01
32) Perylene-d12	23.44	264	95681	5.00	ng	-0.01

System Monitoring Compounds

4) 2-Fluorophenol	5.24	112	21782	7.03	ng	0.00
5) Phenol-d6	6.80	99	31193	7.20	ng	0.00
7) Nitrobenzene-d5	8.75	82	19281	4.12	ng	0.00
13) 2,4,6-Tribromophenol	15.73	330	9043	9.47	ng	0.00
14) 2-Fluorobiphenyl	12.85	172	39926	4.08	ng	0.00
27) Terphenyl-d14	19.59	244	63945	3.96	ng	0.00

Target Compounds

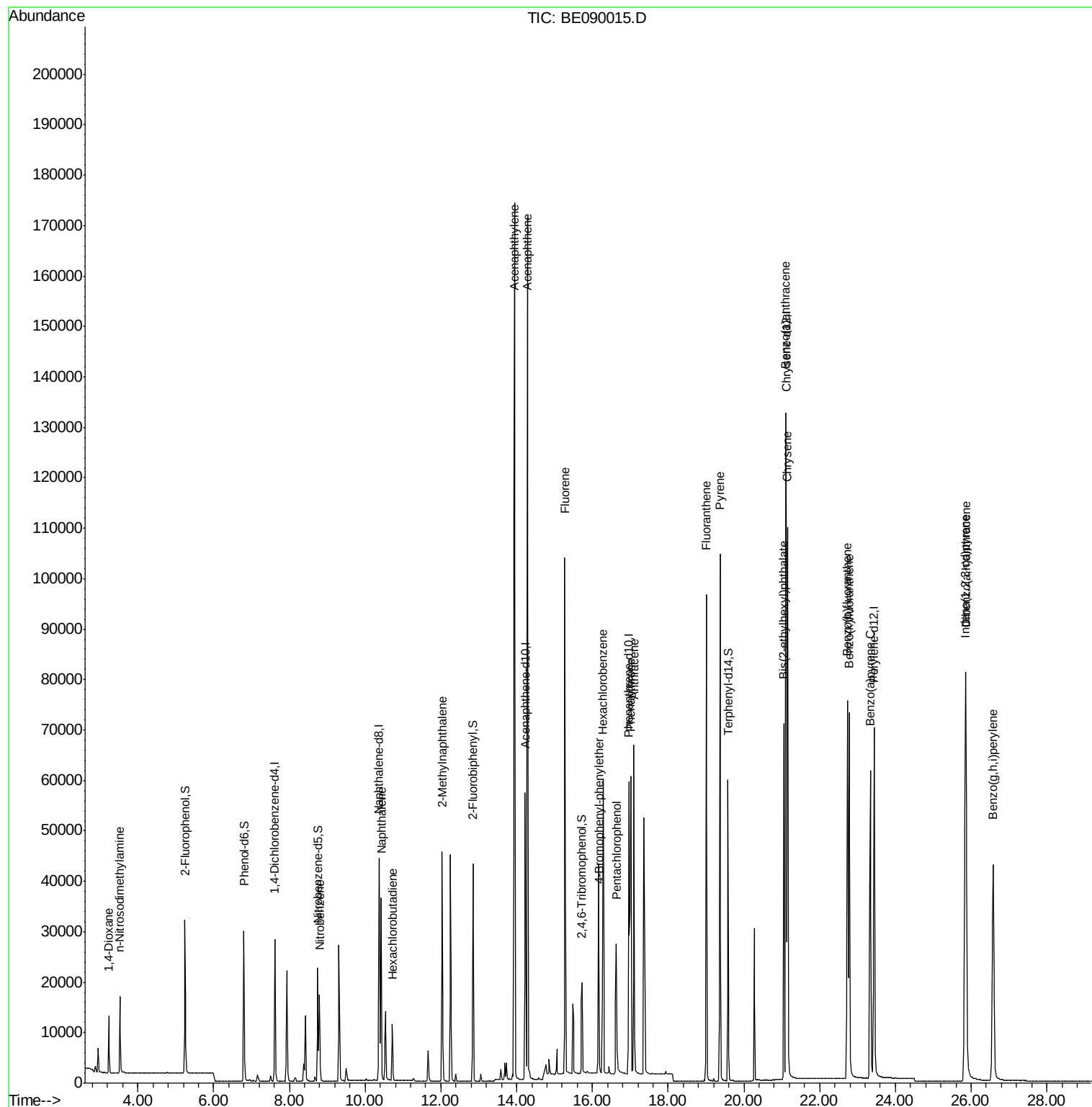
						Qvalue
2) 1,4-Dioxane	3.24	88	6304	3.41	ng	96
3) n-Nitrosodimethylamine	3.52	42	8485	3.38	ng	92
8) Nitrobenzene	8.80	77	19021	3.83	ng	96
9) Naphthalene	10.42	128	48118	3.61	ng	99
10) Hexachlorobutadiene	10.72	225	7586	3.62	ng	99
11) 2-Methylnaphthalene	12.04	142	32927	3.70	ng	98
15) Acenaphthylene	13.94	152	220570	3.75	ng	99
16) Acenaphthene	14.29	154	31803	3.75	ng	96
17) Fluorene	15.27	166	42696	3.70	ng	100
19) 4-Bromophenyl-phenylether	16.18	248	12619	4.01	ng	98
20) Hexachlorobenzene	16.28	284	49590	3.79	ng	97
21) Pentachlorophenol	16.63	266	14133	8.42	ng	99
22) Phenanthrene	17.01	178	72634	3.83	ng	100
23) Anthracene	17.10	178	71231	4.11	ng	99
24) Fluoranthene	19.01	202	85571	4.04	ng	100
26) Pyrene	19.37	202	90401	3.91	ng	99
28) Benzo(a)anthracene	21.11	228	98201	4.05	ng	99
29) Chrysene	21.16	228	96408	3.83	ng	97
30) Bis(2-ethylhexyl)phthalate	21.05	149	59647	5.33	ng	99
31) Indeno(1,2,3-cd)pyrene	25.85	276	109171	4.53	ng	97
33) Benzo(b)fluoranthene	22.73	252	98090	4.65	ng	99
34) Benzo(k)fluoranthene	22.78	252	97120	4.12	ng	99
35) Benzo(a)pyrene	23.34	252	93197	4.78	ng	99
36) Dibenzo(a,h)anthracene	25.87	278	90524	4.52	ng	100
37) Benzo(g,h,i)perylene	26.58	276	91569	4.51	ng	99

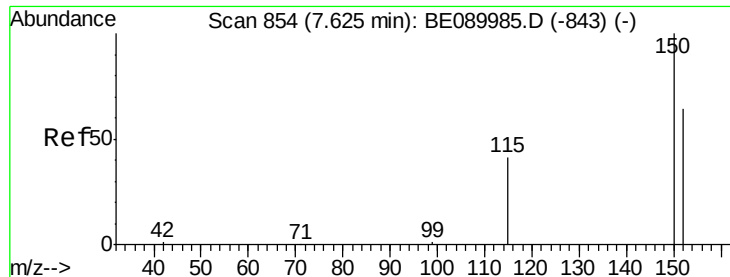
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jun 30 07:01:01 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.62 min Scan# 852

Delta R.T. -0.01 min

Lab File: BE090015.D

Acq: 30 Jun 2015 17:55

Instrument :

BNA_E

ClientSampleId :

PB84283BS

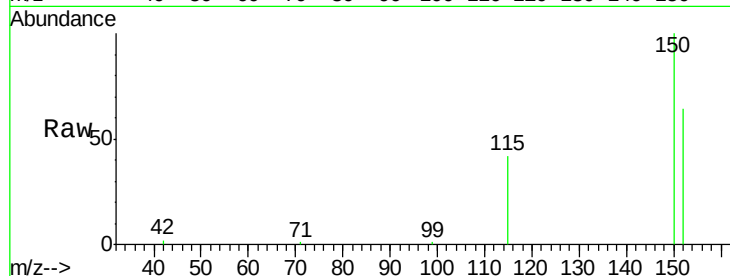
Tgt Ion:152 Resp: 13479

Ion Ratio Lower Upper

152 100

150 157.3 123.9 185.9

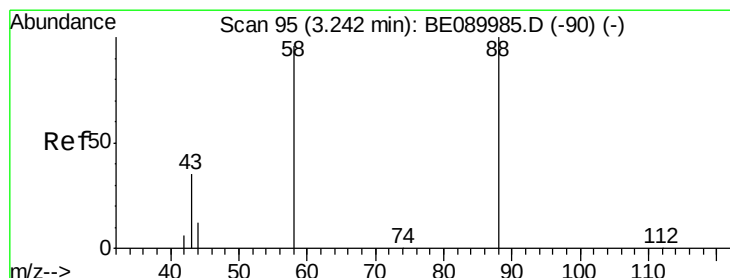
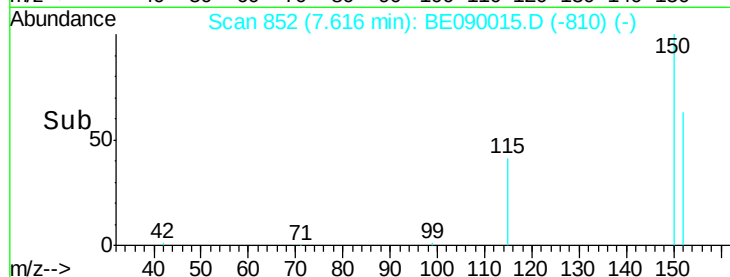
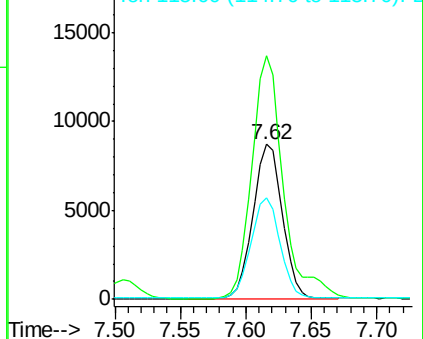
115 65.4 50.6 76.0



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: 3.41 ng

RT: 3.24 min Scan# 94

Delta R.T. -0.01 min

Lab File: BE090015.D

Acq: 30 Jun 2015 17:55

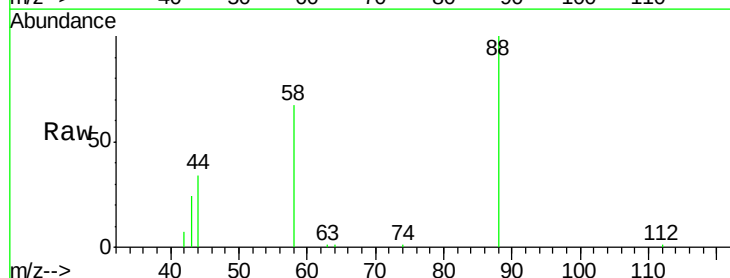
Tgt Ion: 88 Resp: 6304

Ion Ratio Lower Upper

88 100

58 85.8 70.9 106.3

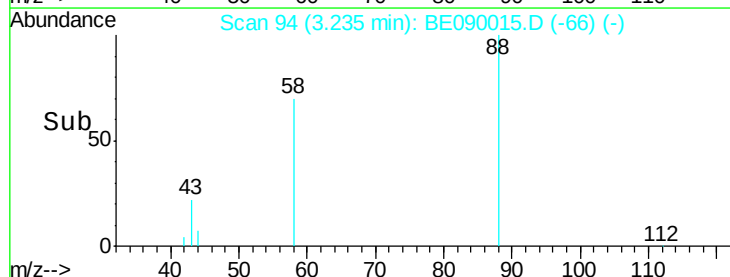
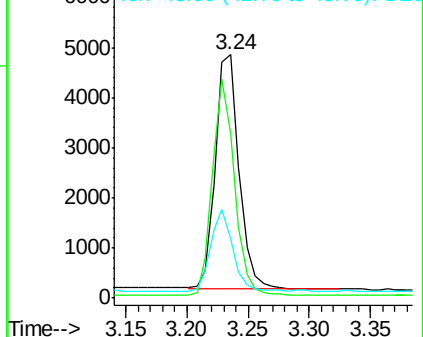
43 31.7 27.6 41.4

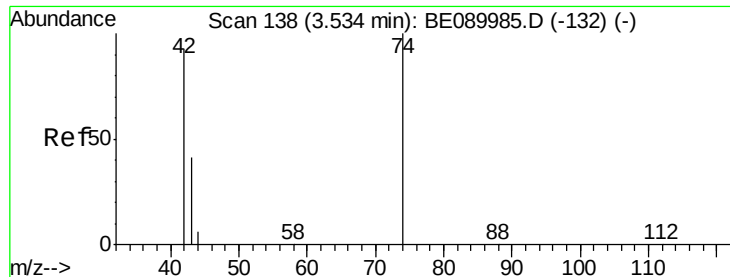


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 3.38 ng

RT: 3.52 min Scan# 136

Delta R.T. -0.01 min

Lab File: BE090015.D

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Instrument :

BNA_E

ClientSampleId :

PB84283BS

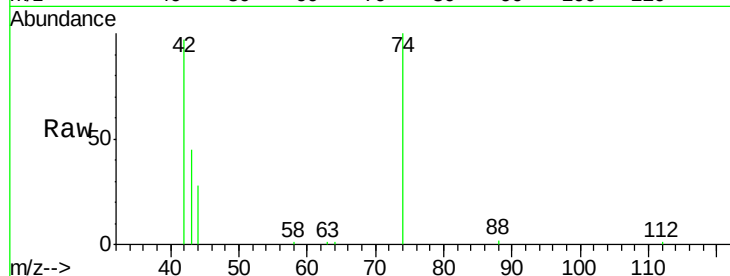
Tgt Ion: 42 Resp: 8485

Ion Ratio Lower Upper

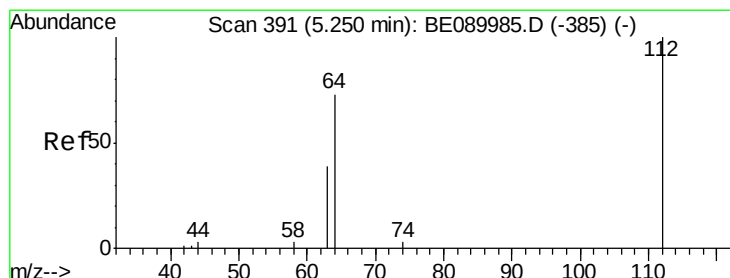
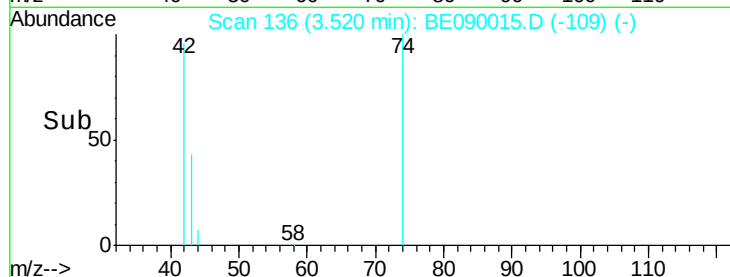
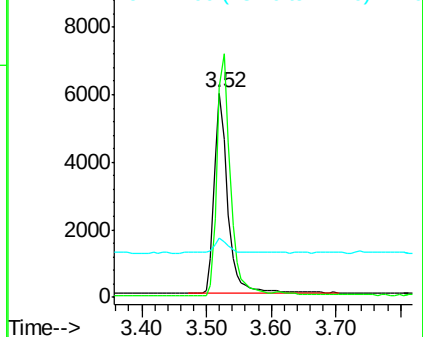
42 100

74 120.6 89.4 134.2

44 7.4 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: 7.03 ng

RT: 5.24 min Scan# 390

Delta R.T. -0.01 min

Lab File: BE090015.D

Acq: 30 Jun 2015 17:55

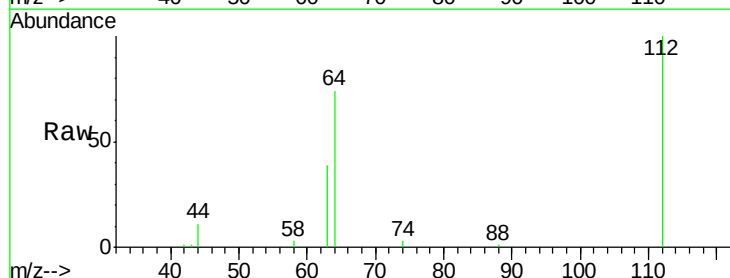
Tgt Ion: 112 Resp: 21782

Ion Ratio Lower Upper

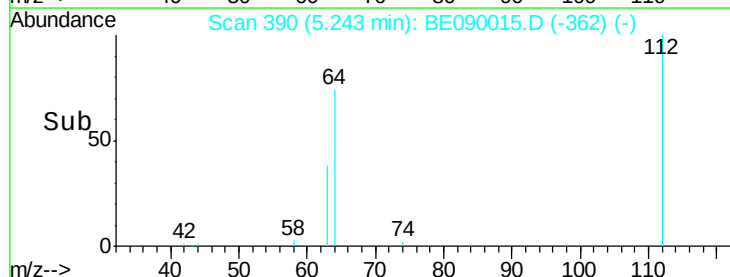
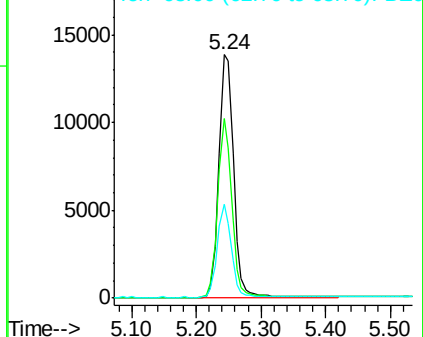
112 100

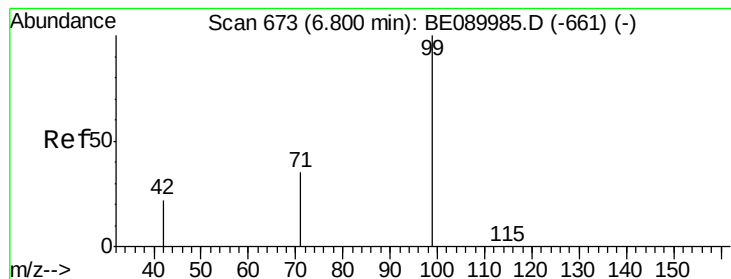
64 70.0 56.3 84.5

63 36.1 29.8 44.6



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: 7.20 ng

RT: 6.80 min Scan# 672

Delta R.T. -0.00 min

Lab File: BE090015.D

Acq: 30 Jun 2015 17:55

Instrument :

BNA_E

ClientSampleId :

PB84283BS

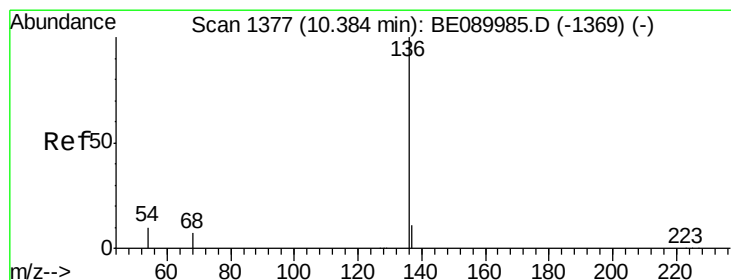
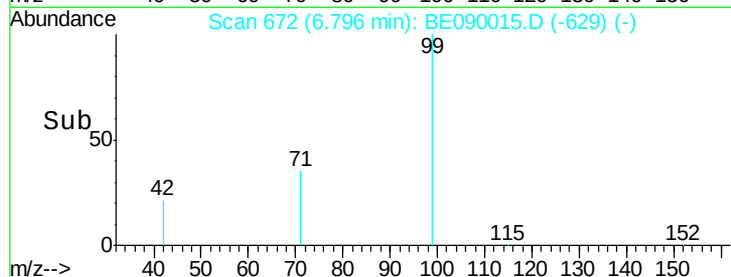
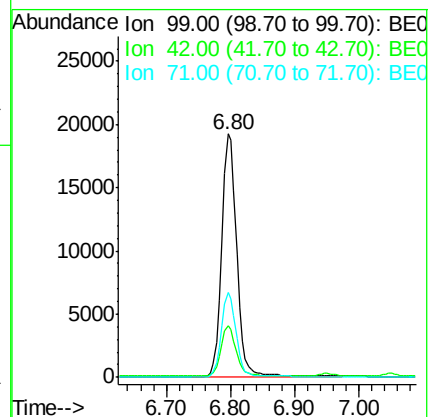
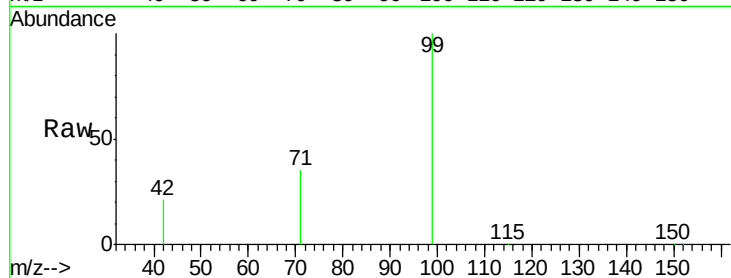
Tgt Ion: 99 Resp: 31193

Ion Ratio Lower Upper

99 100

42 21.1 18.7 28.1

71 34.2 27.5 41.3



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.37 min Scan# 1375

Delta R.T. -0.02 min

Lab File: BE090015.D

Acq: 30 Jun 2015 17:55

Tgt Ion: 136 Resp: 58899

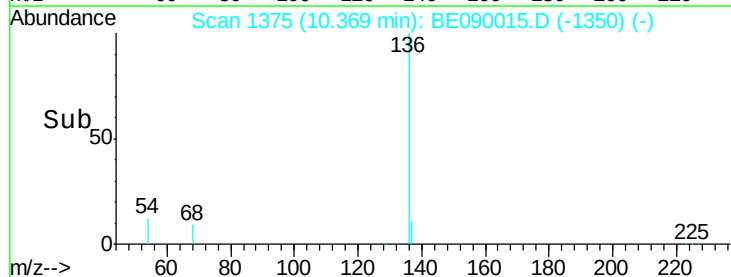
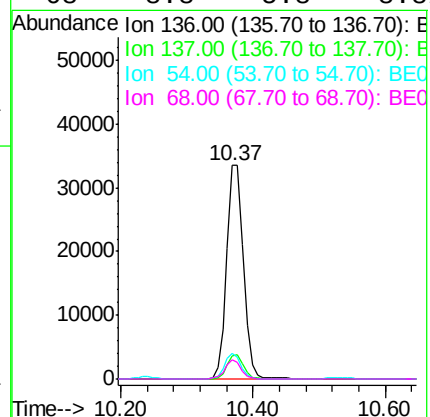
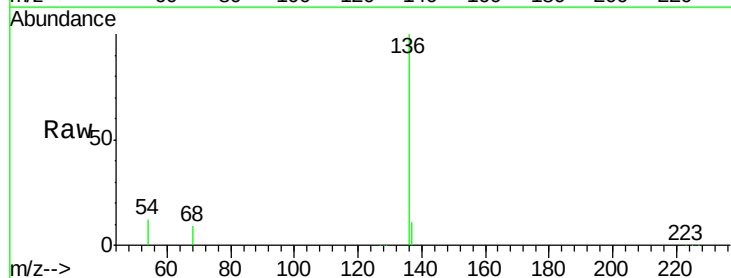
Ion Ratio Lower Upper

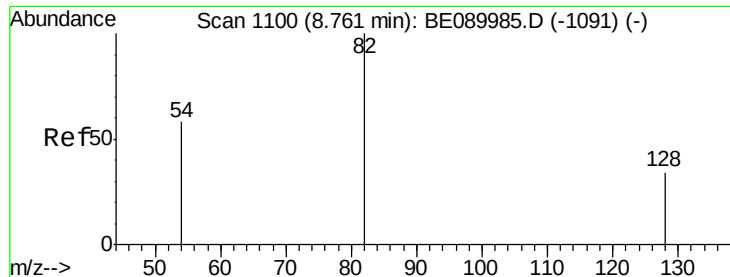
136 100

137 11.0 8.9 13.3

54 12.3 8.2 12.4

68 8.8 5.8 8.8#





#7

Nitrobenzene-d5

Concen: 4.12 ng

RT: 8.75 min Scan# 1098

Delta R.T. -0.01 min

Lab File: BE090015.D

Acq: 30 Jun 2015 17:55

Instrument :

BNA_E

ClientSampleId :

PB84283BS

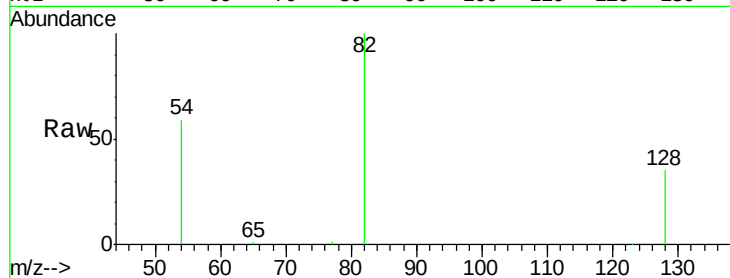
Tgt Ion: 82 Resp: 19281

Ion Ratio Lower Upper

82 100

128 34.8 28.0 42.0

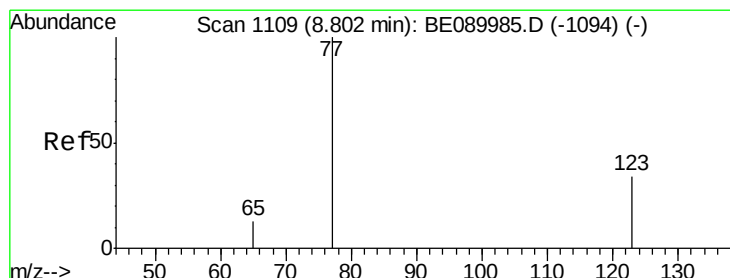
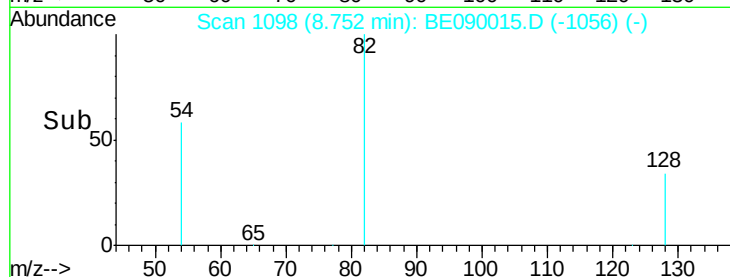
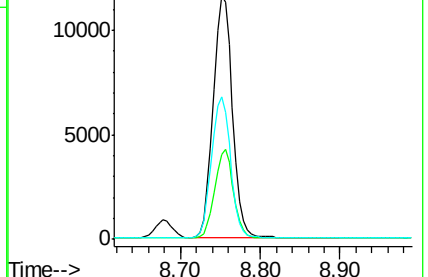
54 58.6 47.6 71.4



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: 3.83 ng

RT: 8.80 min Scan# 1108

Delta R.T. -0.00 min

Lab File: BE090015.D

Acq: 30 Jun 2015 17:55

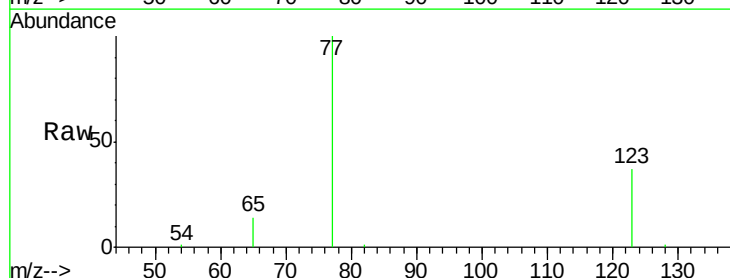
Tgt Ion: 77 Resp: 19021

Ion Ratio Lower Upper

77 100

123 36.8 27.4 41.0

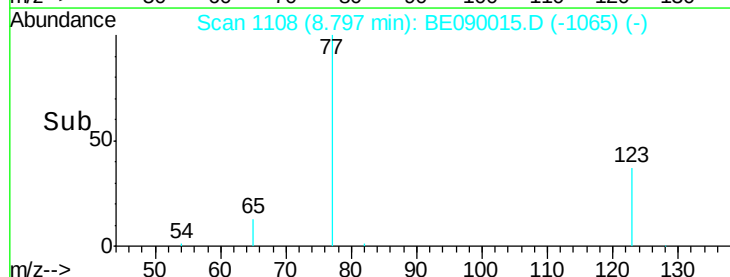
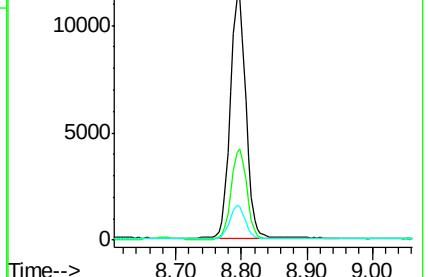
65 13.5 10.6 15.8

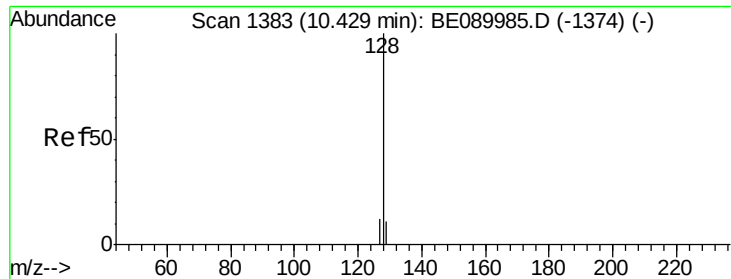


Abundance Ion 77.00 (76.70 to 77.70): BE0

Ion 123.00 (122.70 to 123.70): BE0

Ion 65.00 (64.70 to 65.70): BE0





#9

Naphthalene

Concen: 3.61 ng

RT: 10.42 min Scan# 1382

Delta R.T. -0.01 min

Lab File: BE090015.D

Acq: 30 Jun 2015 17:55

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ClientSampleId :

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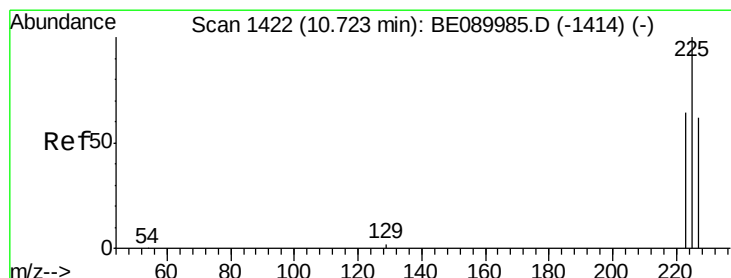
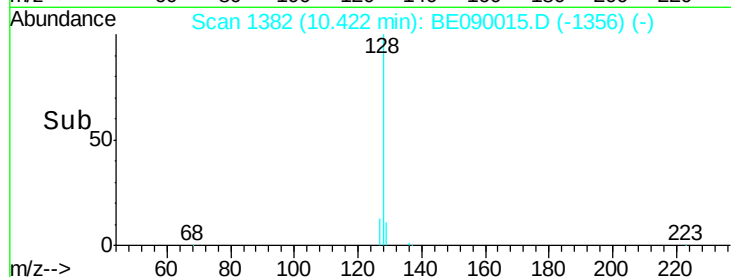
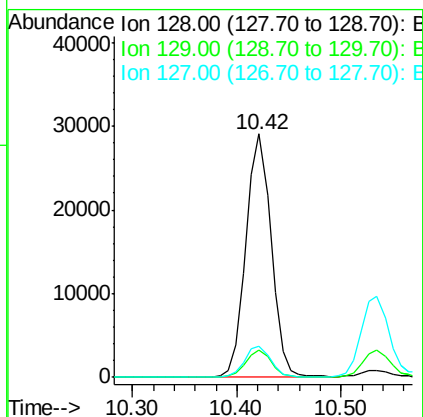
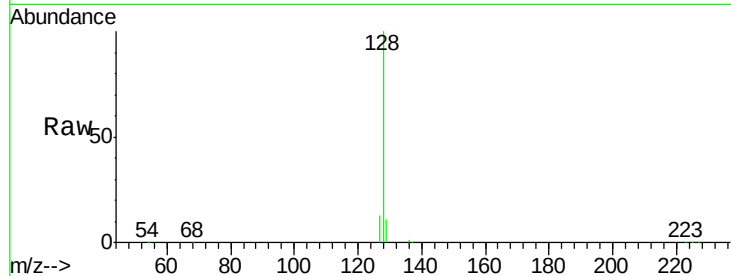
Tgt Ion:128 Resp: 48118

Ion Ratio Lower Upper

128 100

129 11.2 9.3 13.9

127 13.0 10.2 15.4



#10

Hexachlorobutadiene

Concen: 3.62 ng

RT: 10.72 min Scan# 1421

Delta R.T. -0.01 min

Lab File: BE090015.D

Acq: 30 Jun 2015 17:55

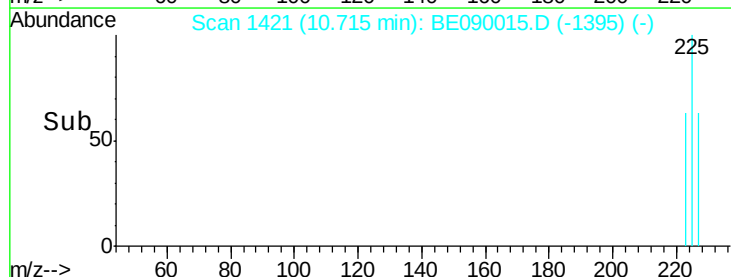
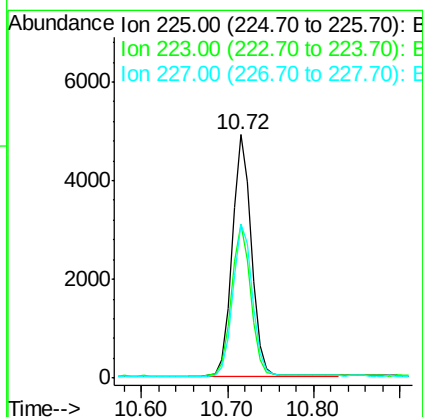
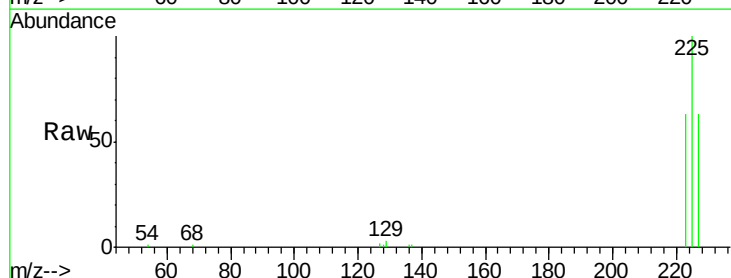
Tgt Ion:225 Resp: 7586

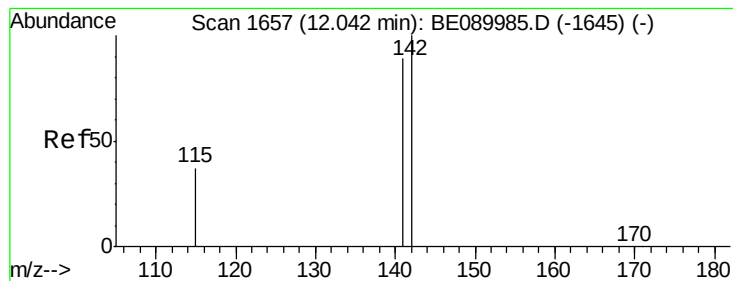
Ion Ratio Lower Upper

225 100

223 63.5 50.1 75.1

227 64.4 50.9 76.3





#11

2-Methylnaphthalene

Concen: 3.70 ng

RT: 12.04 min Scan# 1656

Delta R.T. -0.00 min

Lab File: BE090015.D

Acq: 30 Jun 2015 17:55

Instrument :

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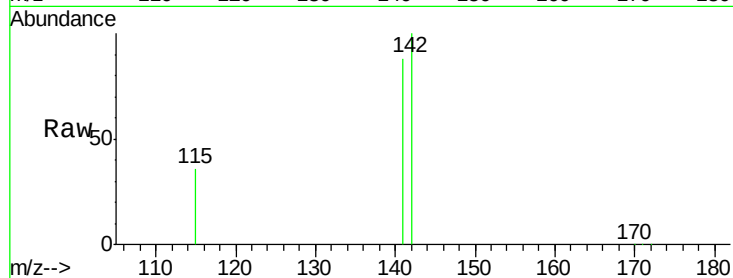
Tgt Ion:142 Resp: 32927

Ion Ratio Lower Upper

142 100

141 88.0 71.3 106.9

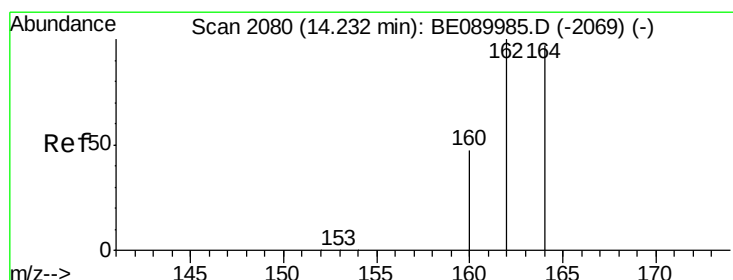
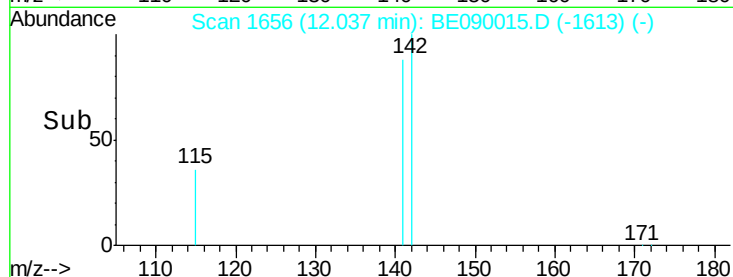
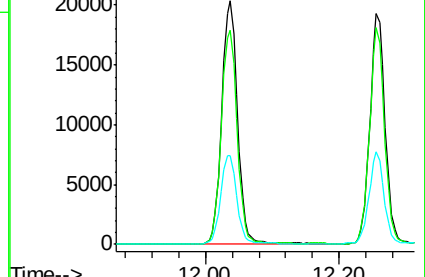
115 36.4 30.4 45.6



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: BE090015.D

Acq: 30 Jun 2015 17:55

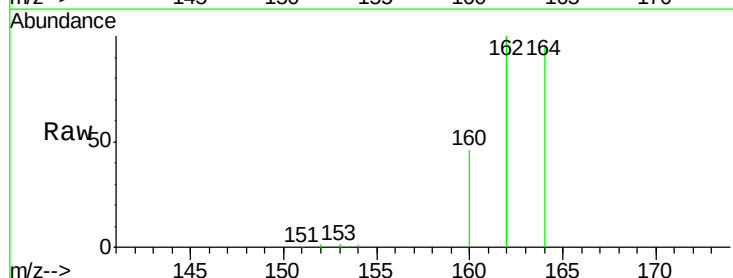
Tgt Ion:164 Resp: 32595

Ion Ratio Lower Upper

164 100

162 104.1 82.2 123.4

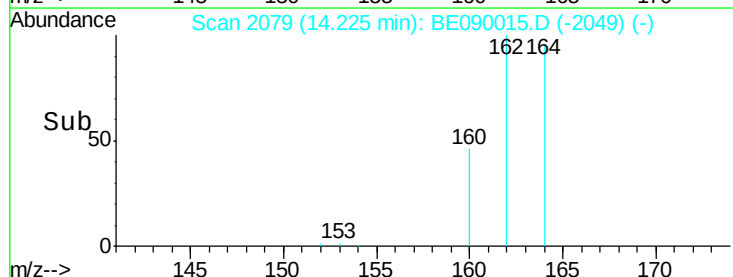
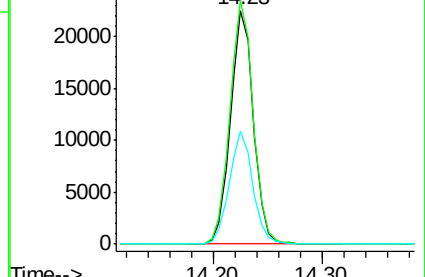
160 48.3 39.0 58.6

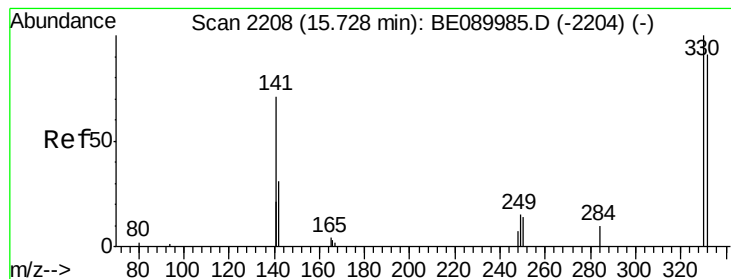


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#13

2,4,6-Tribromophenol

Concen: 9.47 ng

RT: 15.73 min Scan# 2207

Delta R.T. -0.00 min

Lab File: BE090015.D

Acq: 30 Jun 2015 17:55

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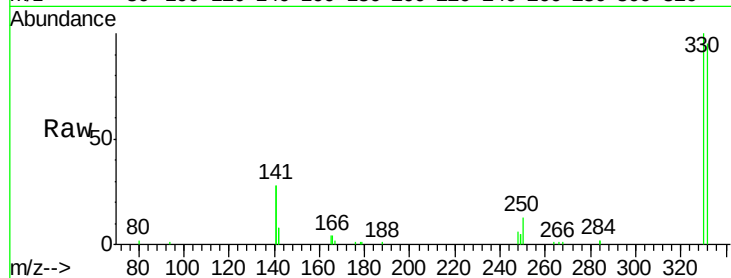
Tgt Ion:330 Resp: 9043

Ion Ratio Lower Upper

330 100

332 96.0 76.4 114.6

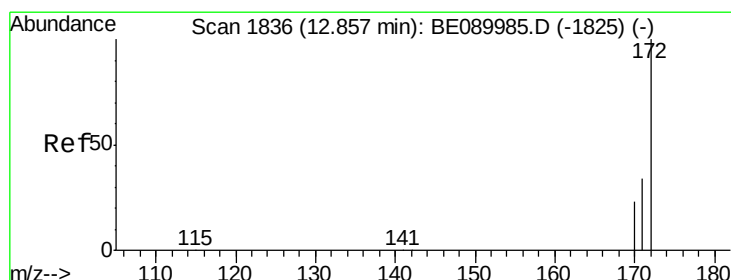
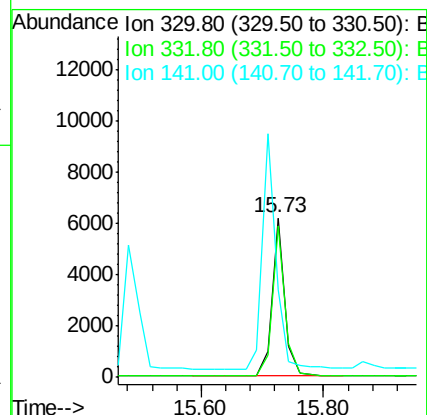
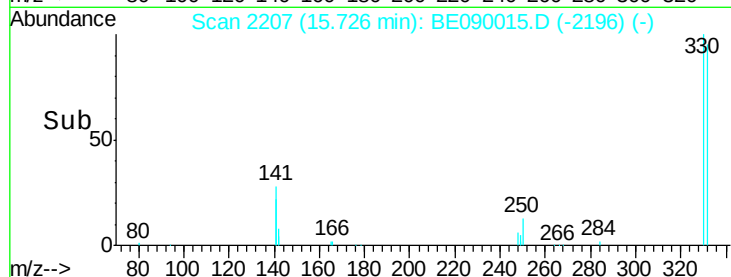
141 159.7 130.3 195.5



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: 4.08 ng

RT: 12.85 min Scan# 1834

Delta R.T. -0.01 min

Lab File: BE090015.D

Acq: 30 Jun 2015 17:55

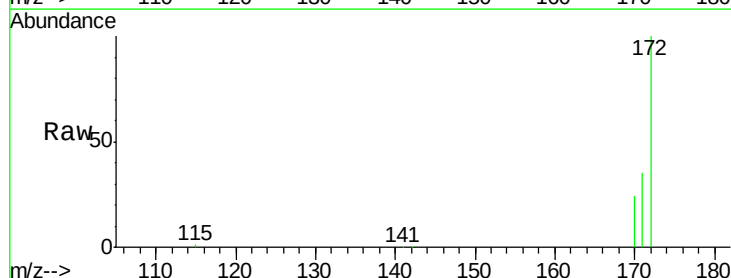
Tgt Ion:172 Resp: 39926

Ion Ratio Lower Upper

172 100

171 35.4 27.8 41.6

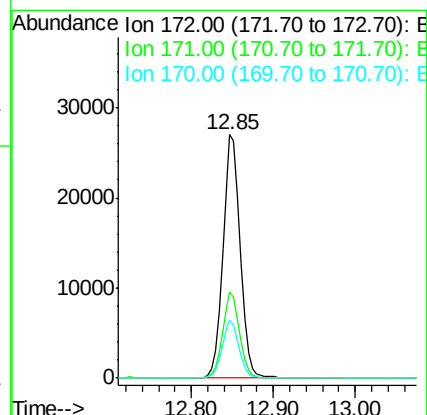
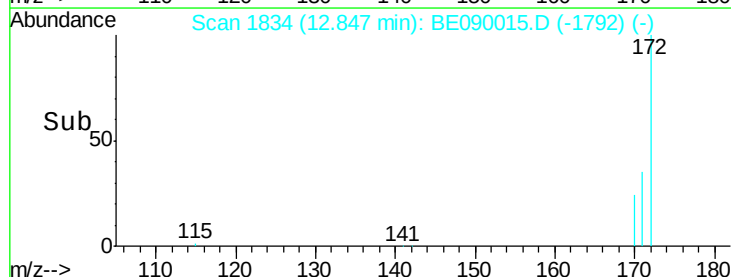
170 24.1 18.3 27.5

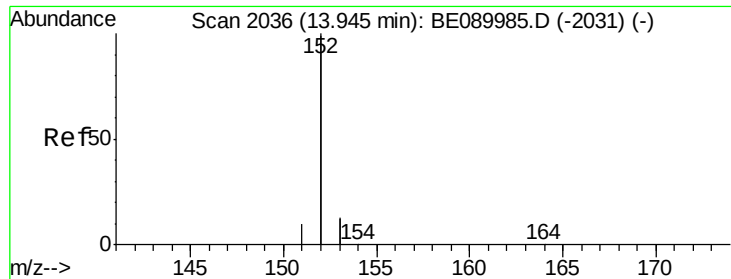


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#15

Acenaphthylene

Concen: 3.75 ng

RT: 13.94 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BE090015.D

Acq: 30 Jun 2015 17:55

Instrument :

BNA_E

ClientSampleId :

PB84283BS

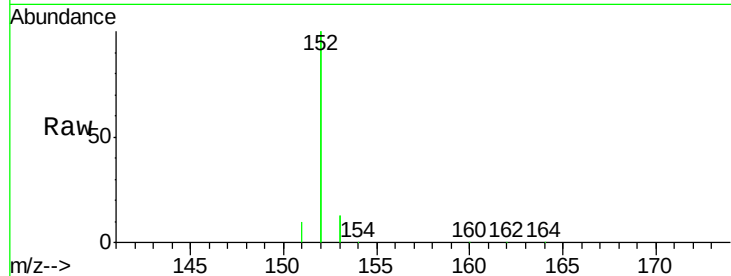
Tgt Ion:152 Resp: 220570

Ion Ratio Lower Upper

152 100

151 4.9 3.9 5.9

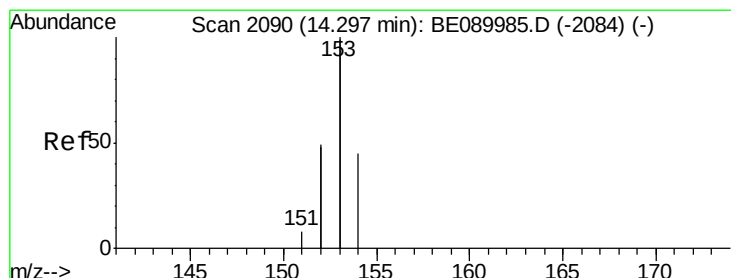
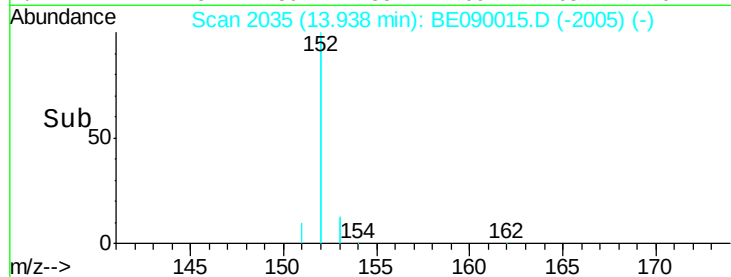
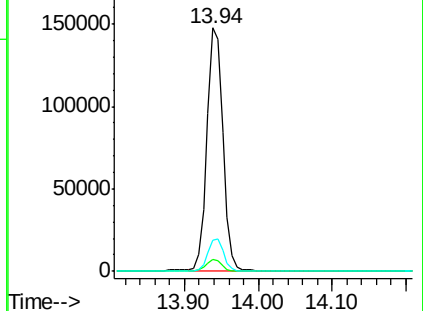
153 13.3 10.4 15.6



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: 3.75 ng

RT: 14.29 min Scan# 2089

Delta R.T. -0.01 min

Lab File: BE090015.D

Acq: 30 Jun 2015 17:55

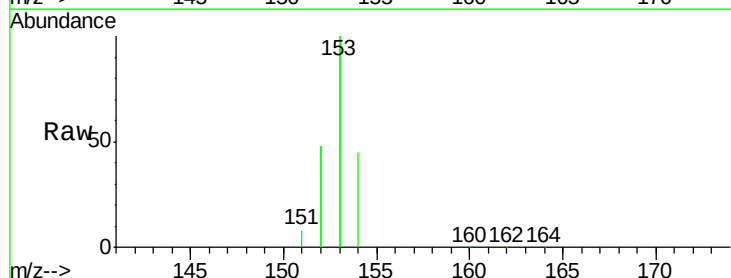
Tgt Ion:154 Resp: 31803

Ion Ratio Lower Upper

154 100

153 458.6 358.6 538.0

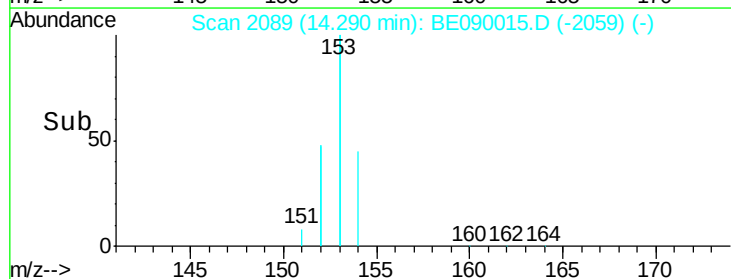
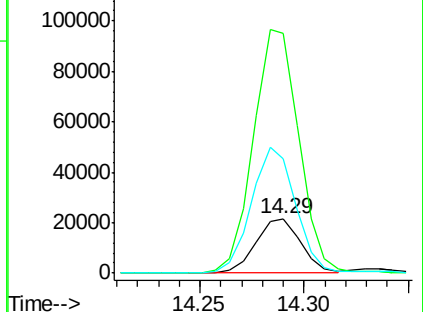
152 232.4 189.6 284.4

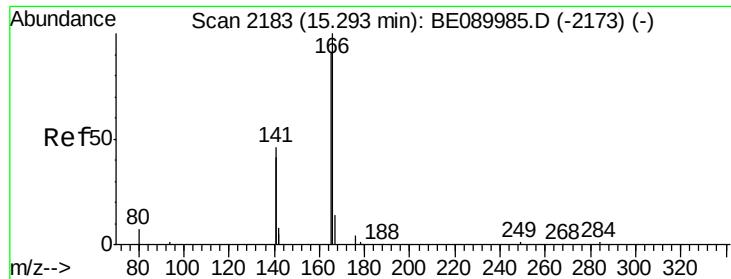


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

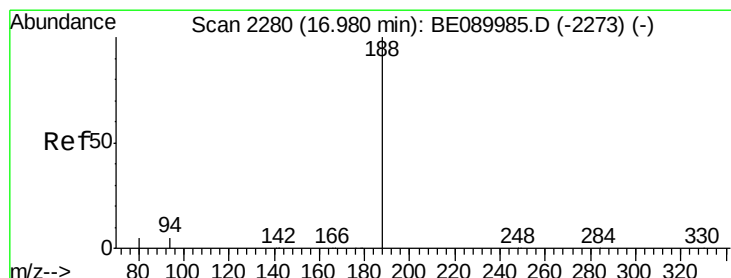
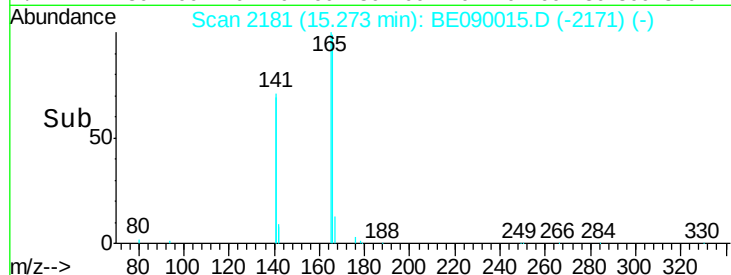
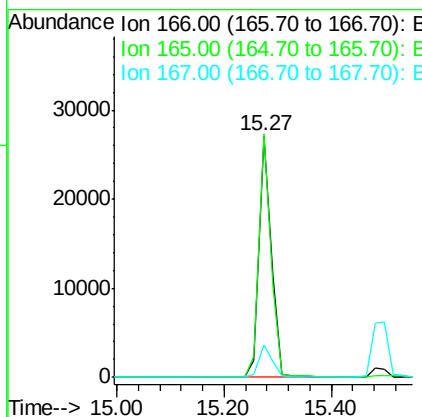
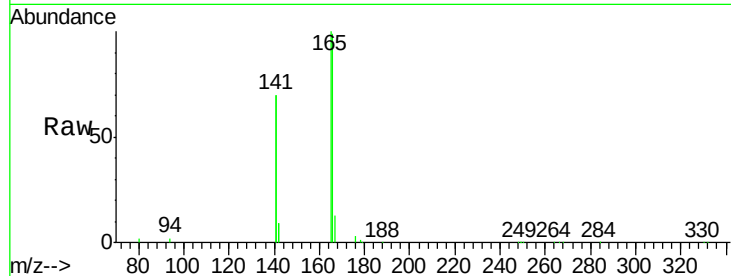




#17
Fluorene
 Concen: 3.70 ng
 RT: 15.27 min Scan# 2181
 Delta R.T. -0.02 min
 Lab File: BE090015.D
 Acq: 30 Jun 2015 17:55

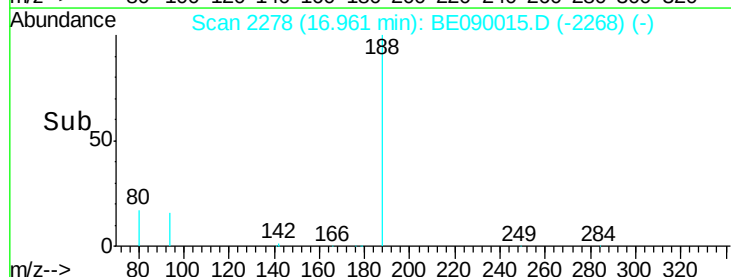
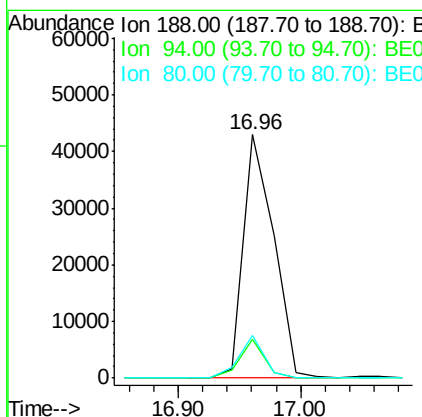
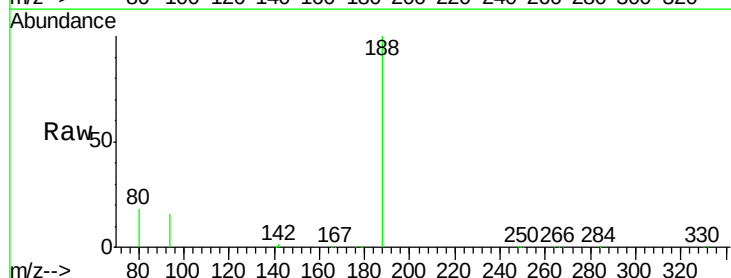
Instrument :
 BNA_E
 ClientSampleId :
 PB84283BS

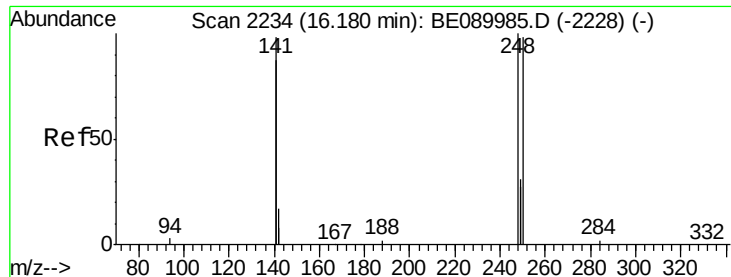
Tgt Ion:166 Resp: 42696
 Ion Ratio Lower Upper
 166 100
 165 98.8 79.0 118.6
 167 13.7 11.8 17.8



#18
Phenanthrene-d10
 Concen: 5.00 ng
 RT: 16.96 min Scan# 2278
 Delta R.T. -0.02 min
 Lab File: BE090015.D
 Acq: 30 Jun 2015 17:55

Tgt Ion:188 Resp: 73970
 Ion Ratio Lower Upper
 188 100
 94 16.0 4.1 6.1#
 80 17.6 4.2 6.2#





#19

4-Bromophenyl-phenylether

Concen: 4.01 ng

RT: 16.18 min Scan# 2233

Delta R.T. -0.00 min

Lab File: BE090015.D

Acq: 30 Jun 2015 17:55

Instrument :

BNA_E

ClientSampleId :

PB84283BS

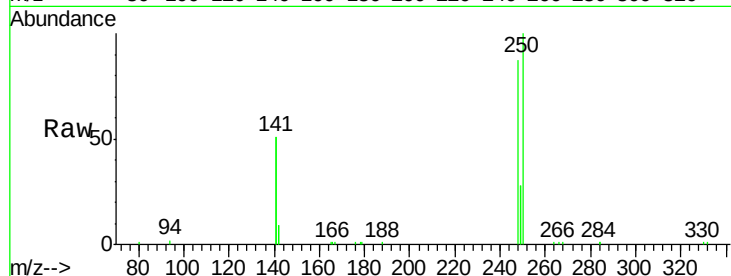
Tgt Ion:248 Resp: 12619

Ion Ratio Lower Upper

248 100

250 99.1 78.3 117.5

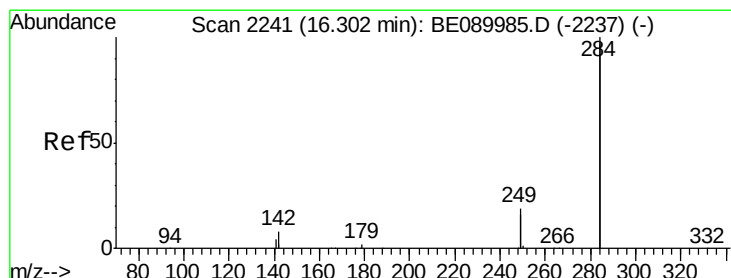
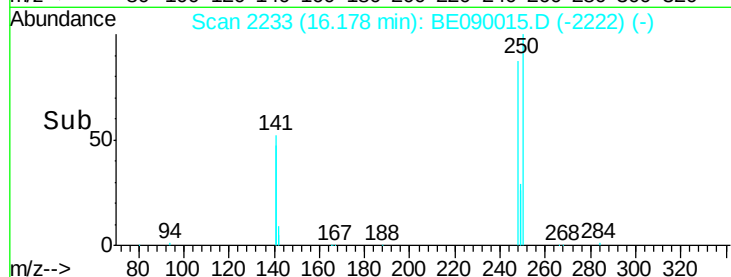
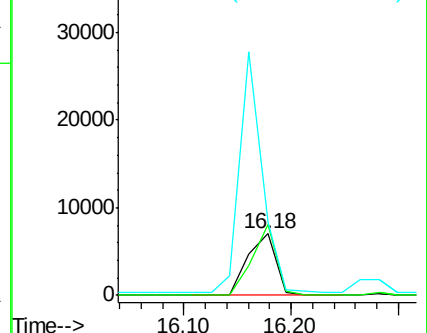
141 313.9 248.1 372.1



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#20

Hexachlorobenzene

Concen: 3.79 ng

RT: 16.28 min Scan# 2239

Delta R.T. -0.02 min

Lab File: BE090015.D

Acq: 30 Jun 2015 17:55

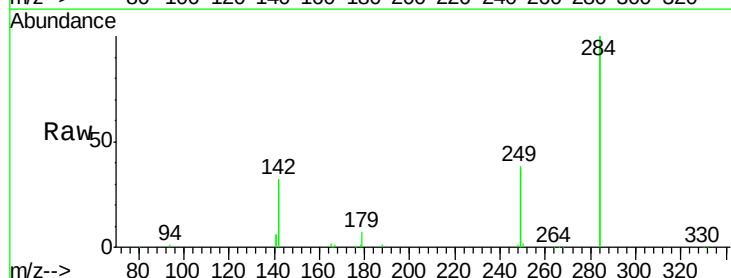
Tgt Ion:284 Resp: 49590

Ion Ratio Lower Upper

284 100

142 39.2 32.6 49.0

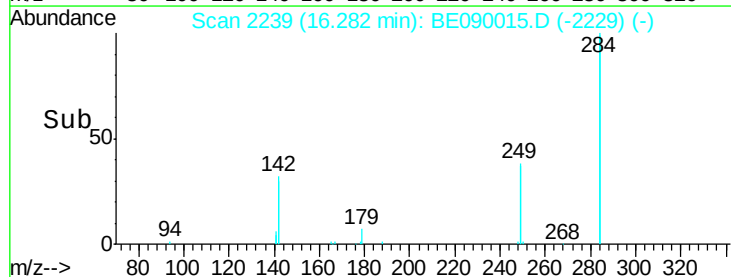
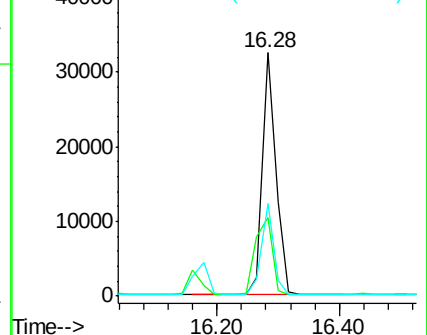
249 33.9 25.5 38.3

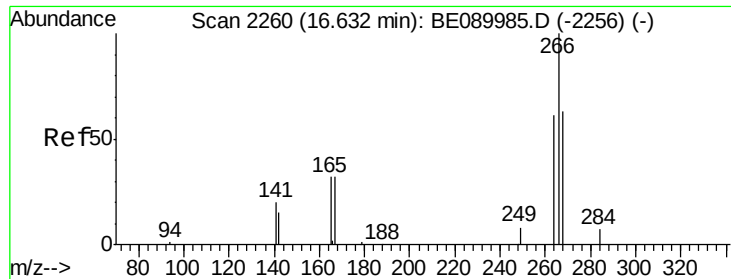


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#21

Pentachlorophenol

Concen: 8.42 ng

RT: 16.63 min Scan# 2259

Delta R.T. -0.00 min

Lab File: BE090015.D

Acq: 30 Jun 2015 17:55

Instrument :

BNA_E

ClientSampleId :

PB84283BS

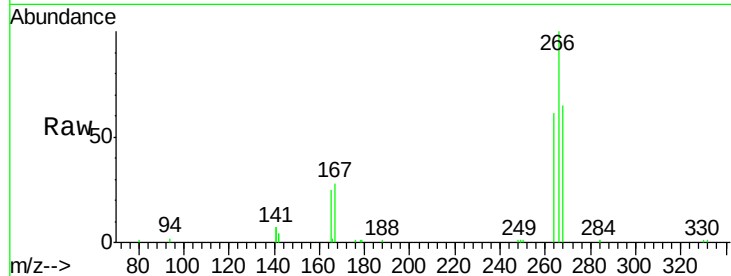
Tgt Ion:266 Resp: 14133

Ion Ratio Lower Upper

266 100

268 64.6 51.8 77.8

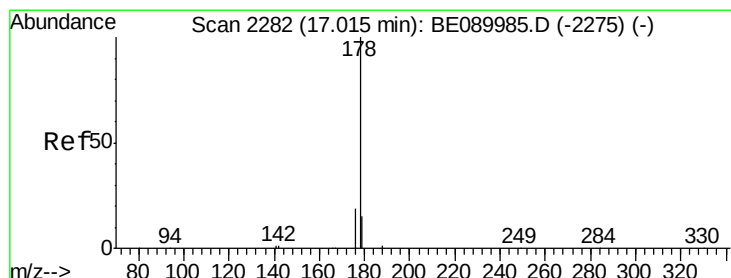
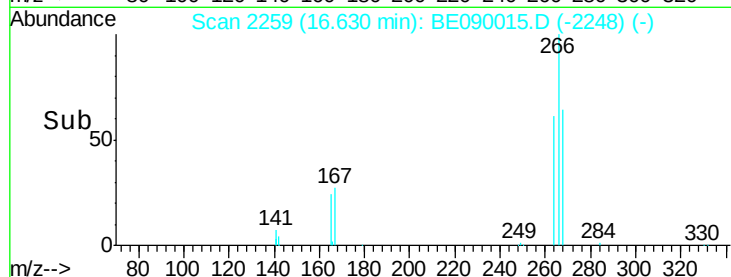
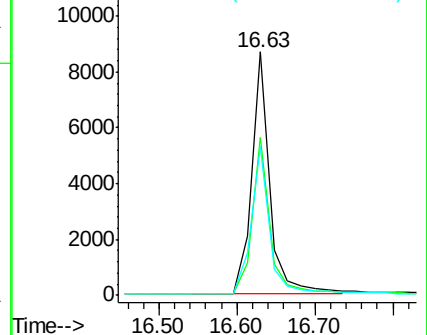
264 61.4 50.2 75.2



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#22

Phenanthrene

Concen: 3.83 ng

RT: 17.01 min Scan# 2281

Delta R.T. -0.00 min

Lab File: BE090015.D

Acq: 30 Jun 2015 17:55

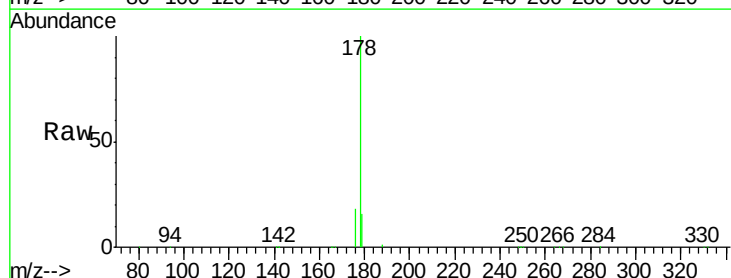
Tgt Ion:178 Resp: 72634

Ion Ratio Lower Upper

178 100

176 18.9 15.3 22.9

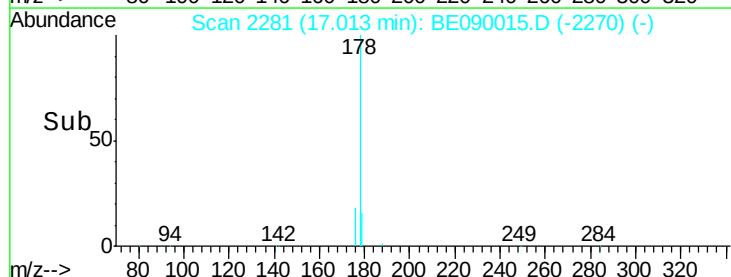
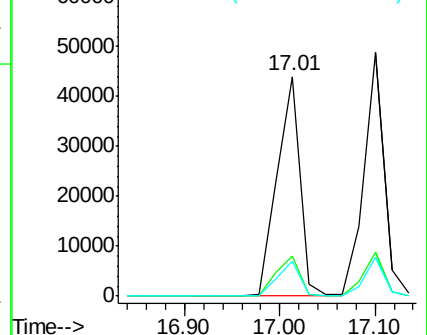
179 15.4 12.4 18.6

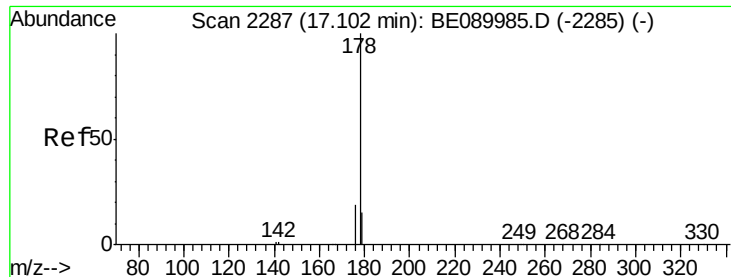


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#23

Anthracene

Concen: 4.11 ng

RT: 17.10 min Scan# 2286

Delta R.T. -0.00 min

Lab File: BE090015.D

Acq: 30 Jun 2015 17:55

Instrument :

BNA_E

ClientSampleId :

PB84283BS

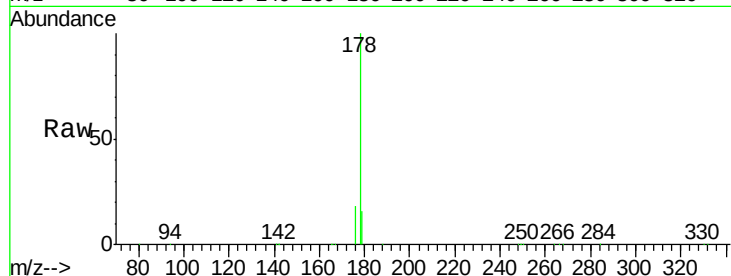
Tgt Ion:178 Resp: 71231

Ion Ratio Lower Upper

178 100

176 18.7 14.7 22.1

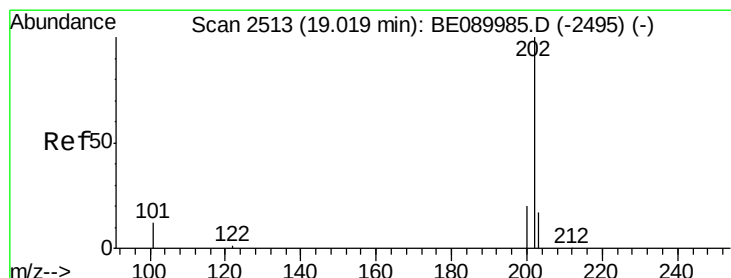
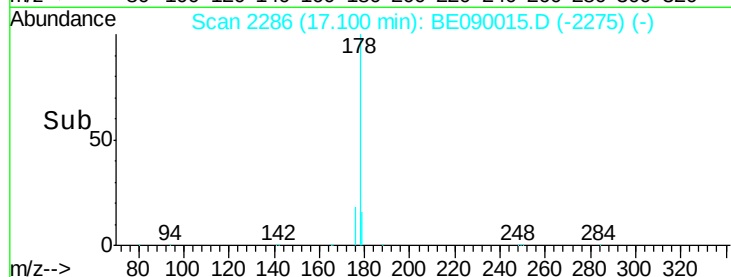
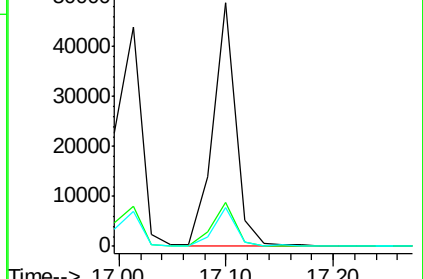
179 15.9 12.1 18.1



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: 4.04 ng

RT: 19.01 min Scan# 2510

Delta R.T. -0.01 min

Lab File: BE090015.D

Acq: 30 Jun 2015 17:55

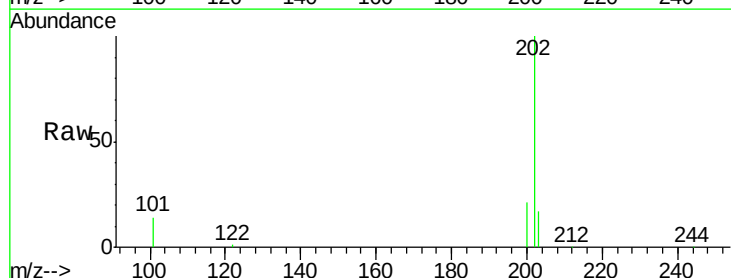
Tgt Ion:202 Resp: 85571

Ion Ratio Lower Upper

202 100

101 13.5 10.6 15.8

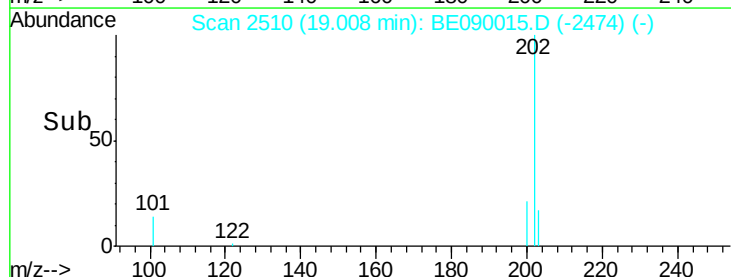
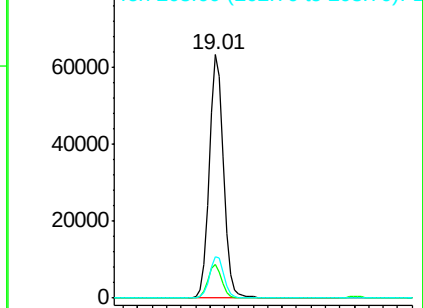
203 17.3 13.8 20.6

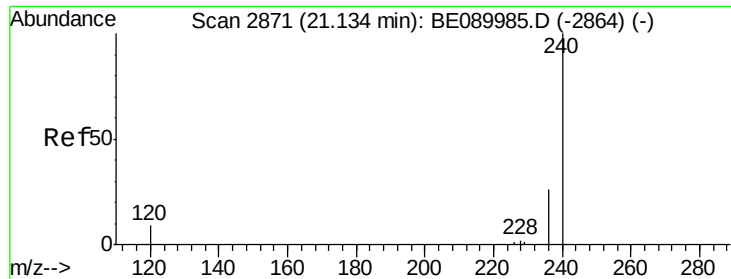


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

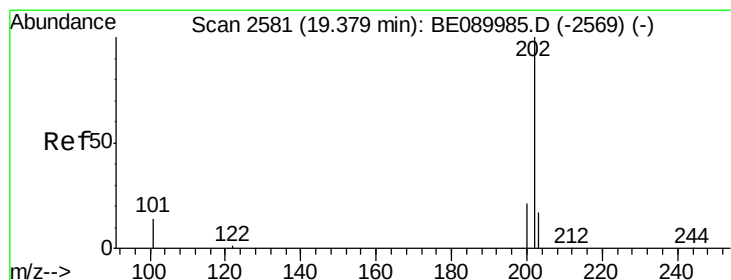
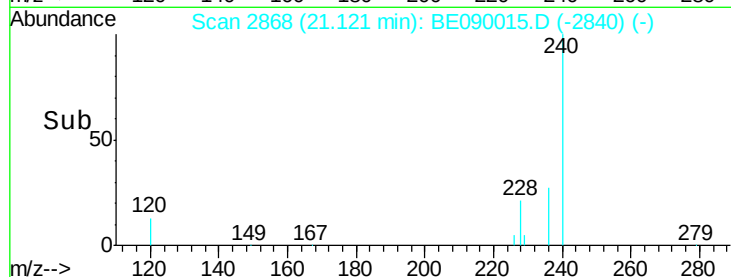
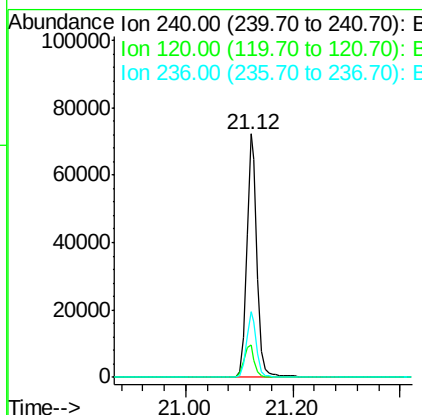
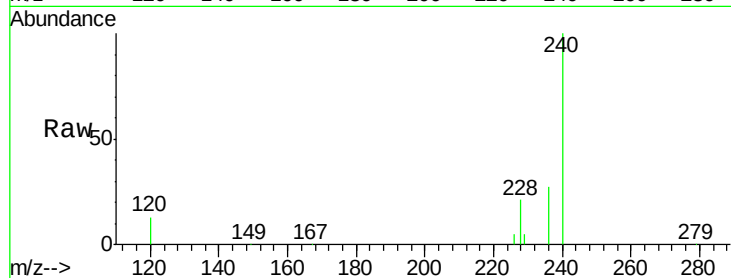




#25
 Chrysene-d12
 Concen: 5.00 ng
 RT: 21.12 min Scan# 2868
 Delta R.T. -0.01 min
 Lab File: BE090015.D
 Acq: 30 Jun 2015 17:55

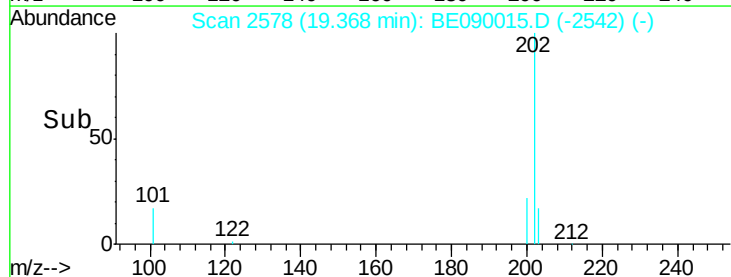
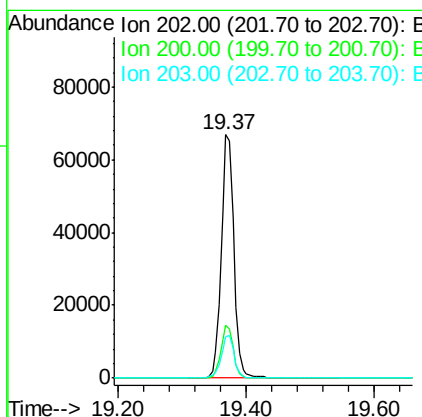
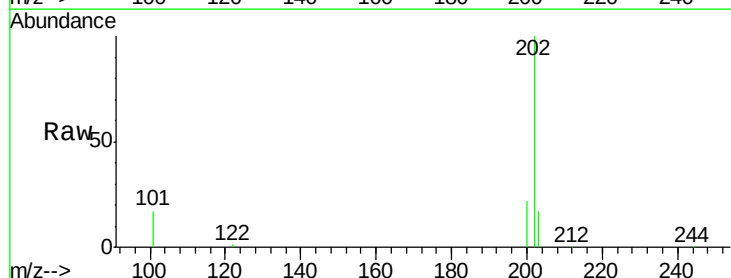
Instrument :
 BNA_E
 ClientSampleId :
 PB84283BS

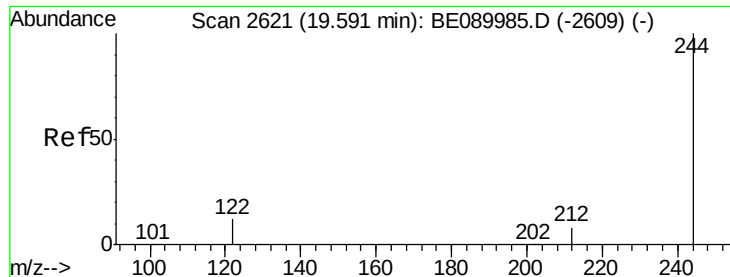
Tgt Ion:240 Resp: 97021
 Ion Ratio Lower Upper
 240 100
 120 13.1 6.9 10.3#
 236 27.1 20.8 31.2



#26
 Pyrene
 Concen: 3.91 ng
 RT: 19.37 min Scan# 2578
 Delta R.T. -0.01 min
 Lab File: BE090015.D
 Acq: 30 Jun 2015 17:55

Tgt Ion:202 Resp: 90401
 Ion Ratio Lower Upper
 202 100
 200 21.3 16.8 25.2
 203 18.1 13.9 20.9

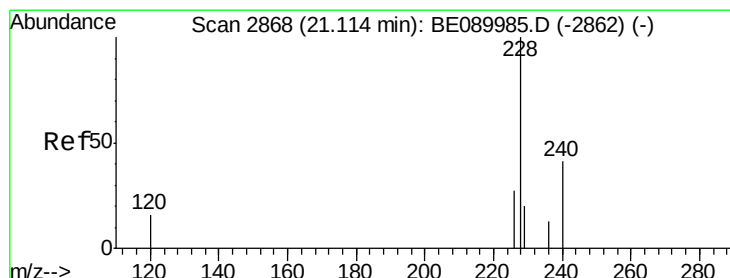
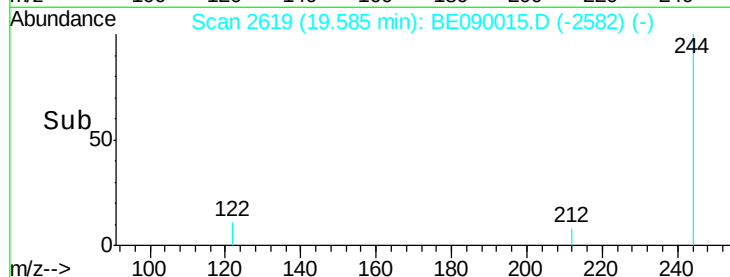
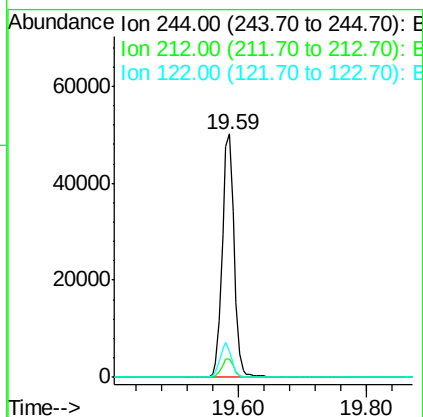
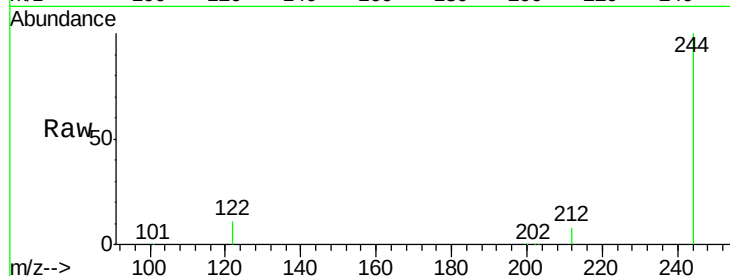




#27
 Terphenyl-d14
 Concen: 3.96 ng
 RT: 19.59 min Scan# 2619
 Delta R.T. -0.01 min
 Lab File: BE090015.D
 Acq: 30 Jun 2015 17:55

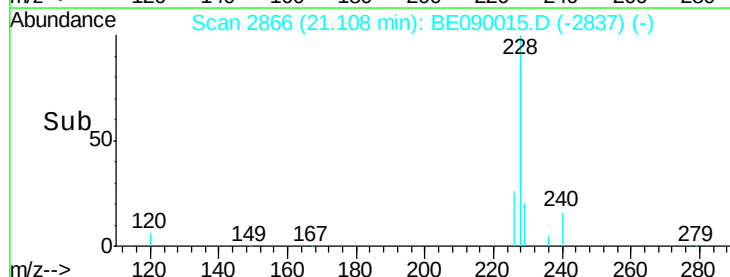
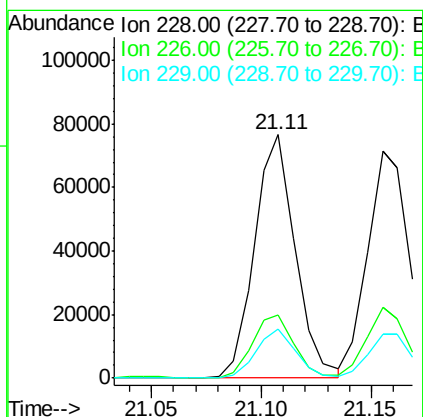
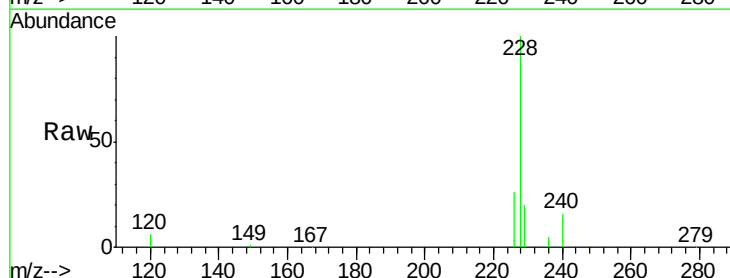
Instrument :
 BNA_E
 ClientSampleId :
 PB84283BS

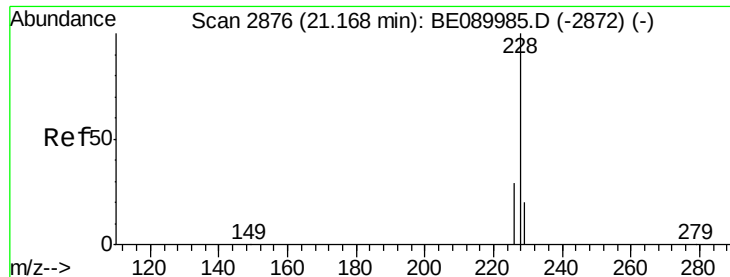
Tgt Ion:244 Resp: 63945
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.6 9.8
 122 10.9 9.8 14.8



#28
 Benzo(a)anthracene
 Concen: 4.05 ng
 RT: 21.11 min Scan# 2866
 Delta R.T. -0.01 min
 Lab File: BE090015.D
 Acq: 30 Jun 2015 17:55

Tgt Ion:228 Resp: 98201
 Ion Ratio Lower Upper
 228 100
 226 26.1 21.8 32.6
 229 19.9 15.8 23.6





#29

Chrysene

Concen: 3.83 ng

RT: 21.16 min Scan# 2873

Delta R.T. -0.01 min

Lab File: BE090015.D

Acq: 30 Jun 2015 17:55

Instrument :

BNA_E

ClientSampleId :

PB84283BS

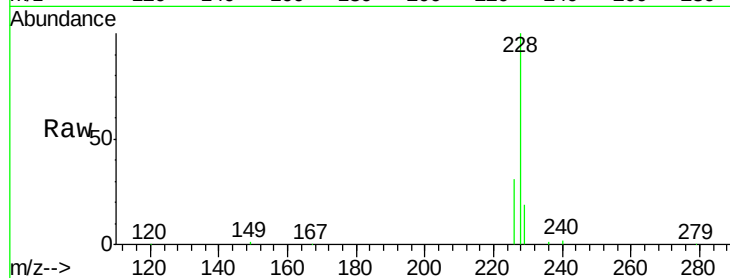
Tgt Ion:228 Resp: 96408

Ion Ratio Lower Upper

228 100

226 31.0 23.4 35.0

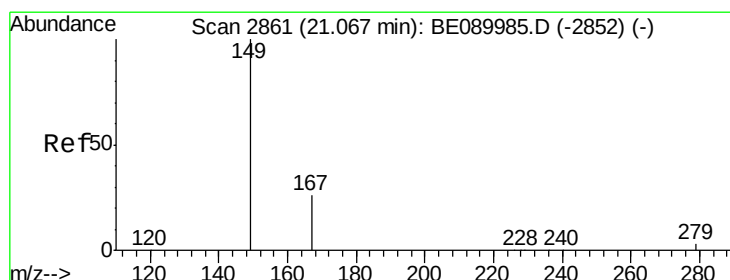
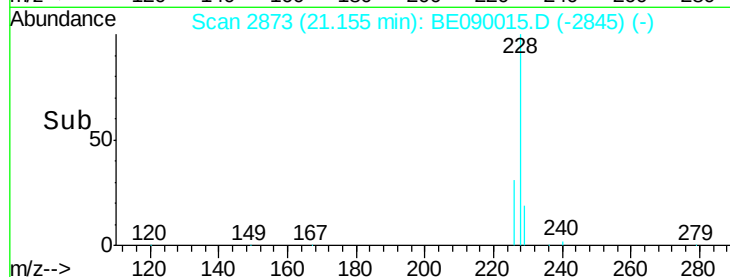
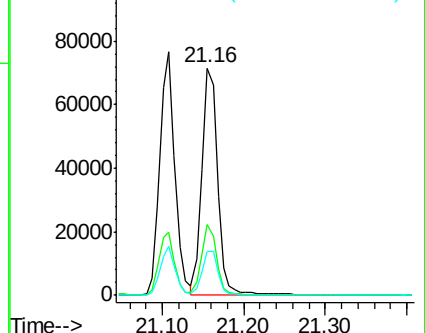
229 19.3 16.2 24.2



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: 5.33 ng

RT: 21.05 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BE090015.D

Acq: 30 Jun 2015 17:55

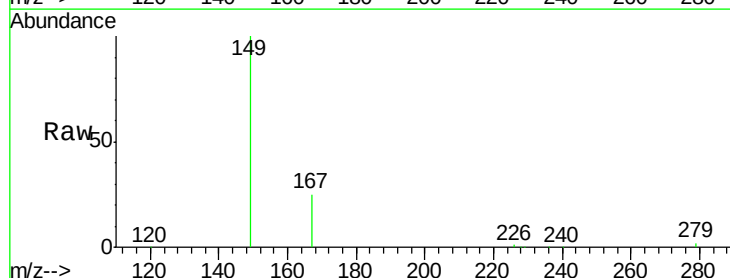
Tgt Ion:149 Resp: 59647

Ion Ratio Lower Upper

149 100

167 26.1 20.3 30.5

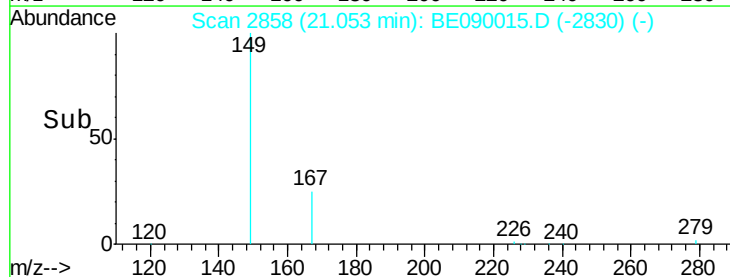
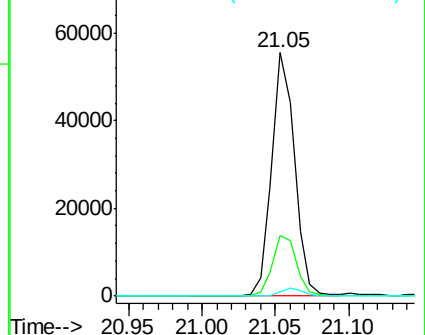
279 3.1 2.6 3.8

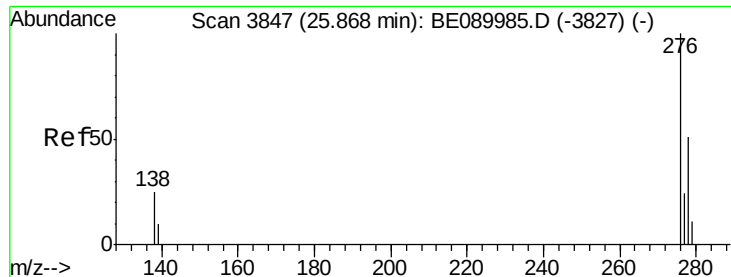


Abundance Ion 149.00 (148.70 to 149.70): E

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: 4.53 ng

RT: 25.85 min Scan# 3841

Delta R.T. -0.02 min

Lab File: BE090015.D

Acq: 30 Jun 2015 17:55

Instrument :

BNA_E

ClientSampleId :

PB84283BS

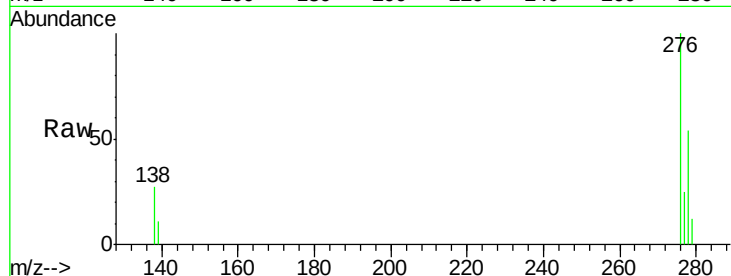
Tgt Ion: 276 Resp: 109171

Ion Ratio Lower Upper

276 100

138 28.8 21.3 31.9

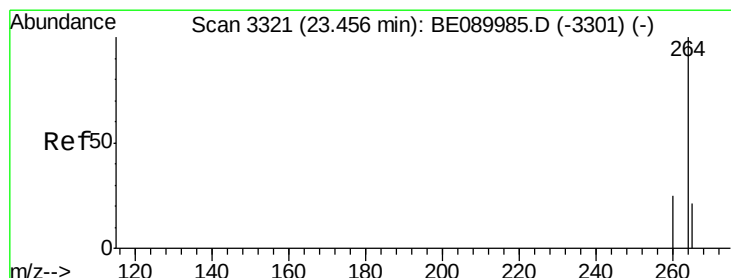
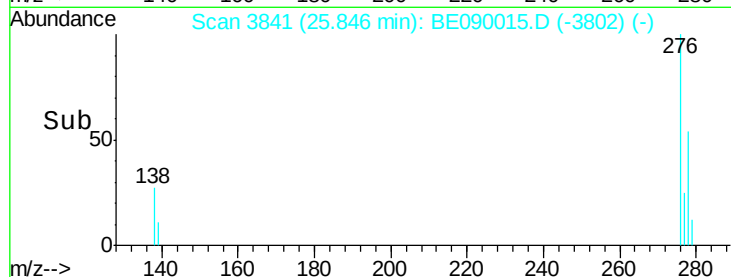
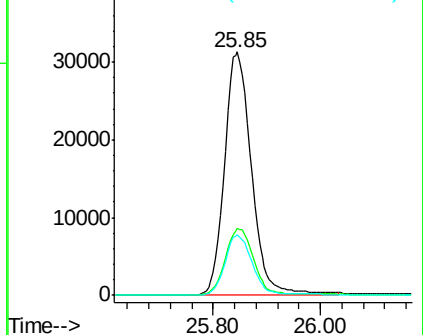
277 25.1 19.7 29.5



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. -0.01 min

Lab File: BE090015.D

Acq: 30 Jun 2015 17:55

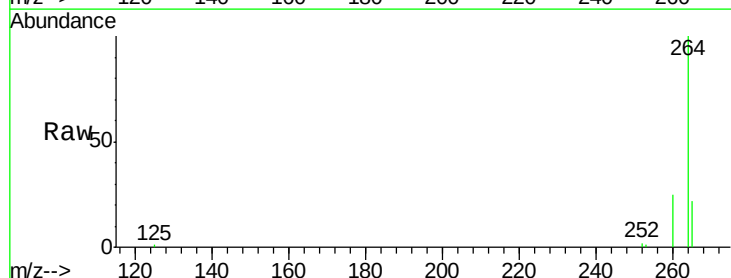
Tgt Ion: 264 Resp: 95681

Ion Ratio Lower Upper

264 100

260 24.6 20.2 30.2

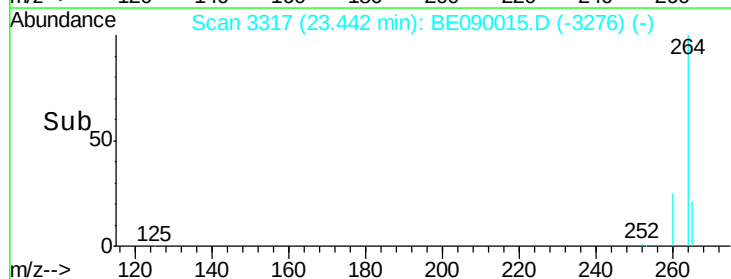
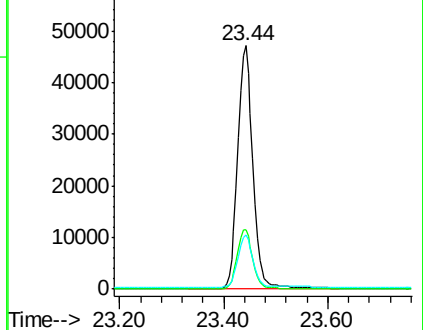
265 22.3 17.1 25.7

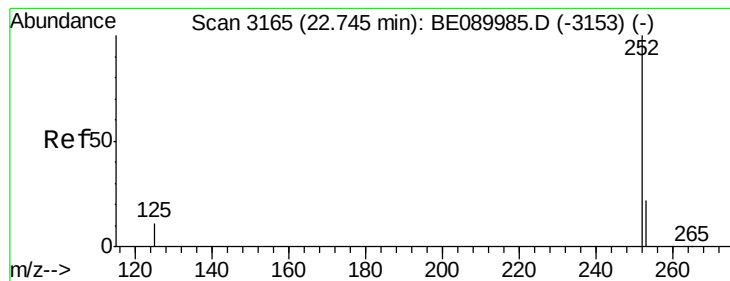


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#33

Benzo(b)fluoranthene

Concen: 4.65 ng

RT: 22.73 min Scan# 3161

Delta R.T. -0.01 min

Lab File: BE090015.D

Acq: 30 Jun 2015 17:55

Instrument :

BNA_E

ClientSampleId :

PB84283BS

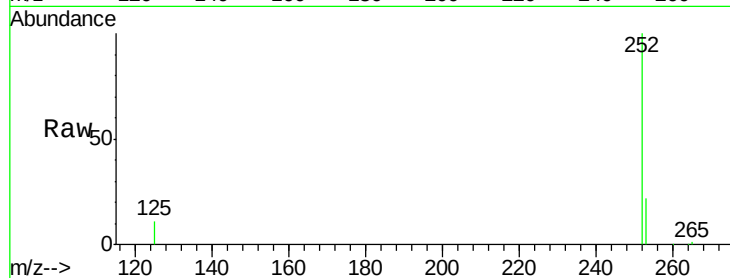
Tgt Ion:252 Resp: 98090

Ion Ratio Lower Upper

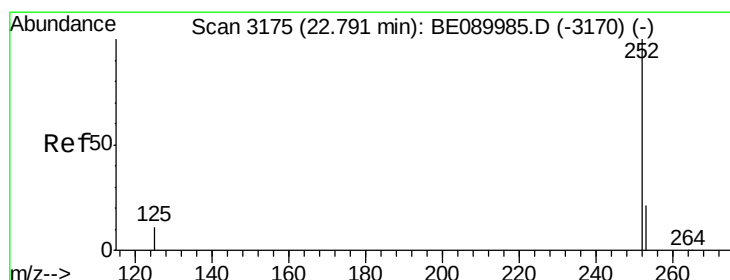
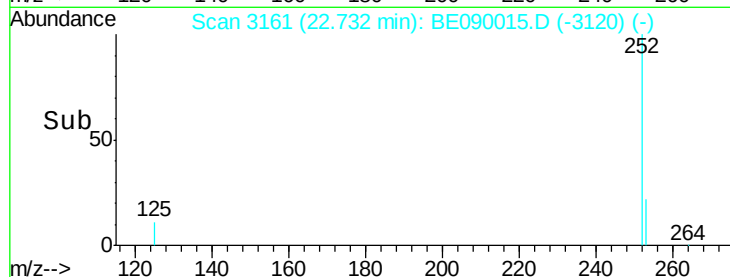
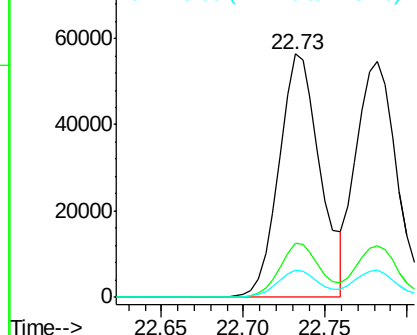
252 100

253 22.0 17.8 26.8

125 11.4 9.0 13.4



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: 4.12 ng

RT: 22.78 min Scan# 3172

Delta R.T. -0.01 min

Lab File: BE090015.D

Acq: 30 Jun 2015 17:55

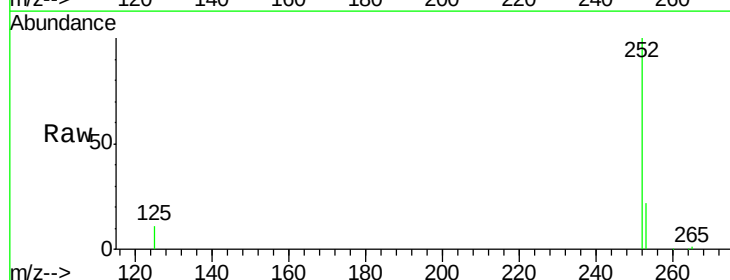
Tgt Ion:252 Resp: 97120

Ion Ratio Lower Upper

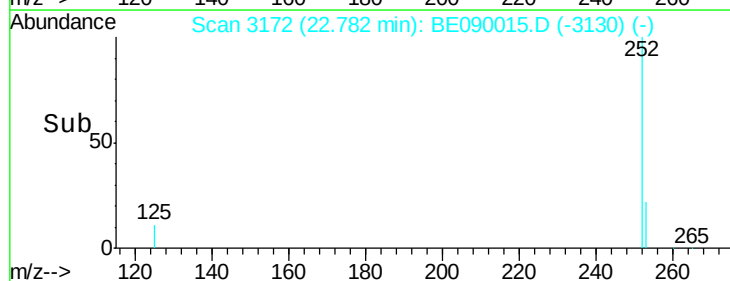
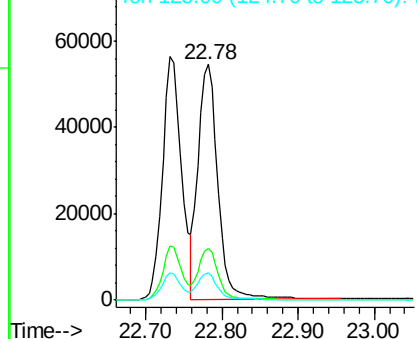
252 100

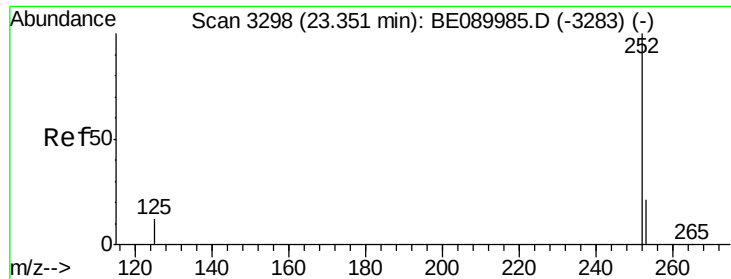
253 22.2 17.5 26.3

125 11.4 9.5 14.3



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: 4.78 ng

RT: 23.34 min Scan# 3294

Delta R.T. -0.01 min

Lab File: BE090015.D

Acq: 30 Jun 2015 17:55

Instrument :

BNA_E

ClientSampleId :

PB84283BS

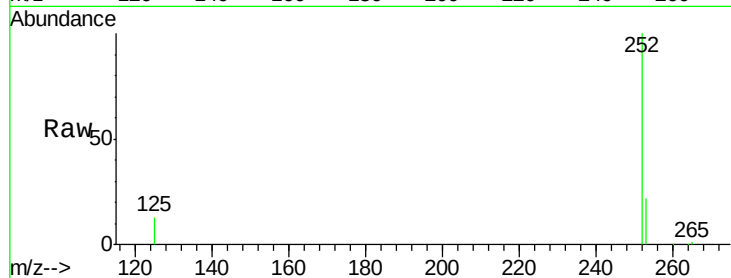
Tgt Ion:252 Resp: 93197

Ion Ratio Lower Upper

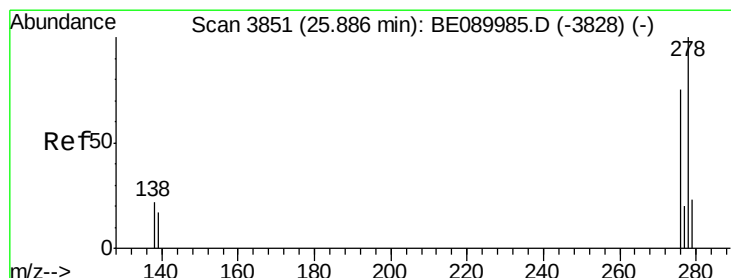
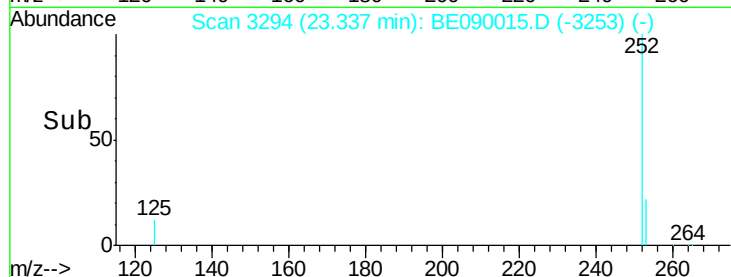
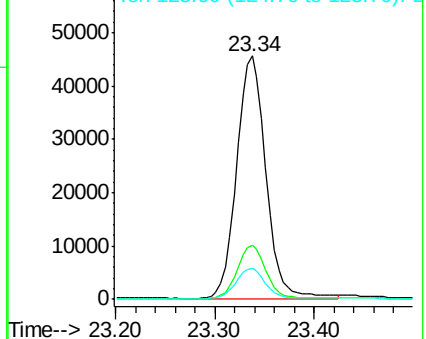
252 100

253 22.1 17.4 26.2

125 12.6 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: 4.52 ng

RT: 25.87 min Scan# 3846

Delta R.T. -0.02 min

Lab File: BE090015.D

Acq: 30 Jun 2015 17:55

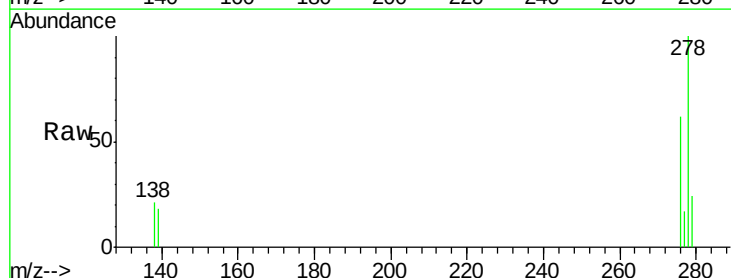
Tgt Ion:278 Resp: 90524

Ion Ratio Lower Upper

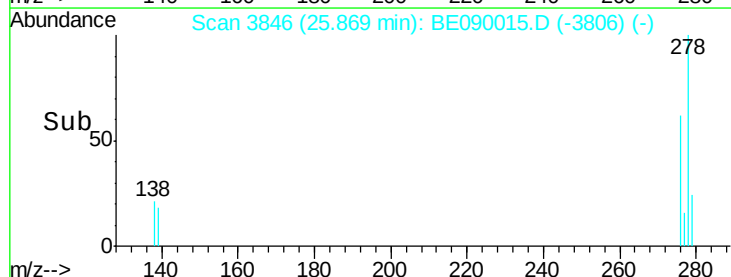
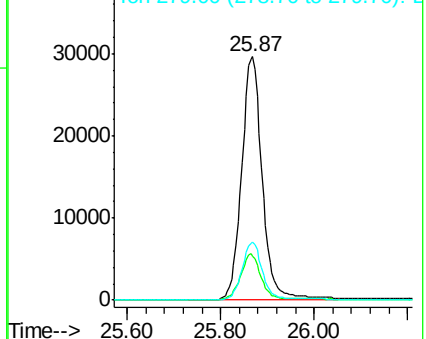
278 100

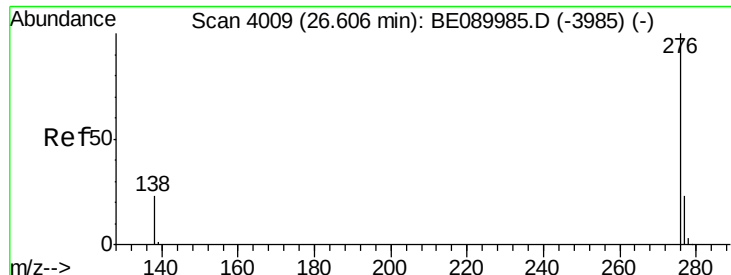
139 18.2 14.4 21.6

279 23.9 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: 4.51 ng

RT: 26.58 min Scan# 4003

Delta R.T. -0.02 min

Lab File: BE090015.D

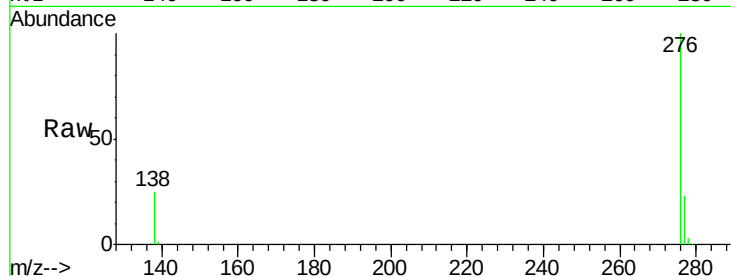
Acq: 30 Jun 2015 17:55

Instrument :

BNA_E

ClientSampleId :

PB84283BS



Tgt Ion: 276 Resp: 91569

Ion Ratio Lower Upper

276 100

277 23.5 18.8 28.2

138 24.6 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

