

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062615\
 Data File : BE089965.D
 Acq On : 27 Jun 2015 8:09
 Operator : TP/IZ
 Sample : G2782-04
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 X3SS0230006-150624

Quant Time: Jun 29 00:52:56 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-SIM-BE062315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 25 16:51:27 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	23042	5.00	ng	0.00
6) Naphthalene-d8	10.39	136	109262	5.00	ng	0.00
12) Acenaphthene-d10	14.24	164	66743	5.00	ng	0.00
18) Phenanthrene-d10	16.98	188	156017	5.00	ng	0.00
25) Chrysene-d12	21.13	240	193109	5.00	ng	0.00
32) Perylene-d12	23.47	264	176833	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.27	112	45564	10.95	ng	0.00
5) Phenol-d6	6.81	99	74832	11.74	ng	0.00
7) Nitrobenzene-d5	8.77	82	55126	6.78	ng	0.00
13) 2,4,6-Tribromophenol	15.74	330	10860	9.18	ng	0.00
14) 2-Fluorobiphenyl	12.87	172	126855	6.52	ng	0.00
27) Terphenyl-d14	19.60	244	202243	6.07	ng	0.00

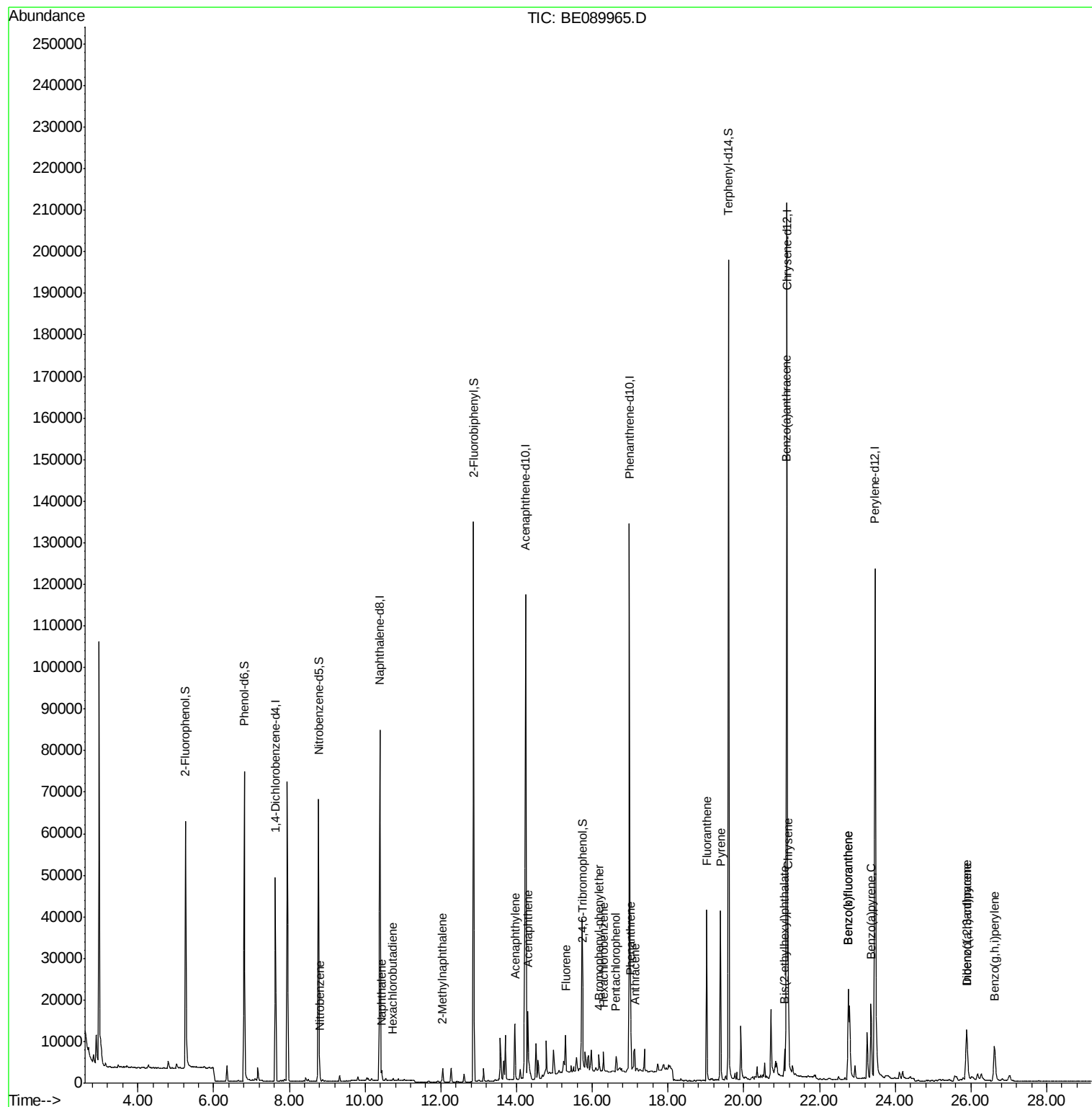
Target Compounds						Qvalue
8) Nitrobenzene	8.81	77	868	0.10	ng	# 97
9) Naphthalene	10.44	128	2850	0.12	ng	# 92
10) Hexachlorobutadiene	10.74	225	258	0.07	ng	97
11) 2-Methylnaphthalene	12.05	142	2196	0.13	ng	96
15) Acenaphthylene	13.95	152	17364	0.15	ng	99
16) Acenaphthene	14.30	154	2986	0.17	ng	91
17) Fluorene	15.29	166	3817	0.17	ng	# 95
19) 4-Bromophenyl-phenylether	16.18	248	933	0.15	ng	94
20) Hexachlorobenzene	16.30	284	4210	0.15	ng	93
21) Pentachlorophenol	16.63	266	1819	1.56	ng	90
22) Phenanthrene	17.01	178	16672	0.43	ng	99
23) Anthracene	17.12	178	7872	0.22	ng	98
24) Fluoranthene	19.02	202	37963	0.89	ng	100
26) Pyrene	19.38	202	37493	0.77	ng	97
28) Benzo(a)anthracene	21.12	228	31328	0.68	ng	98
29) Chrysene	21.17	228	34003	0.67	ng	96
30) Bis(2-ethylhexyl)phthalate	21.07	149	5542	1.41	ng	# 85
31) Indeno(1,2,3-cd)pyrene	25.88	276	20393	0.55	ng	# 100
33) Benzo(b)fluoranthene	22.76	252	37136	0.99	ng	96
34) Benzo(k)fluoranthene	22.76	252	37136	0.88	ng	97
35) Benzo(a)pyrene	23.36	252	26176	0.79	ng	98
36) Dibenzo(a,h)anthracene	25.90	278	9058	0.29	ng	# 91
37) Benzo(g,h,i)perylene	26.62	276	19682	0.59	ng	99

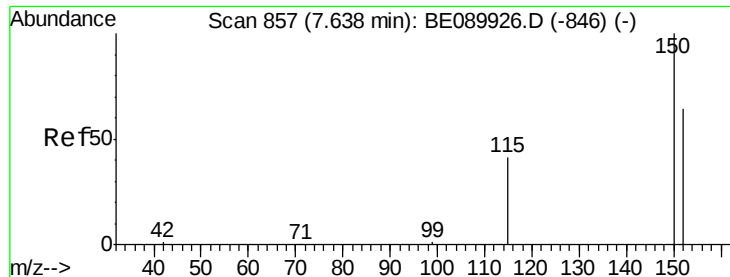
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.63 min Scan# 856

Delta R.T. -0.00 min

Lab File: BE089965.D

Acq: 27 Jun 2015 8:09

Instrument :

BNA_E

ClientSampleId :

X3SS0230006-150624

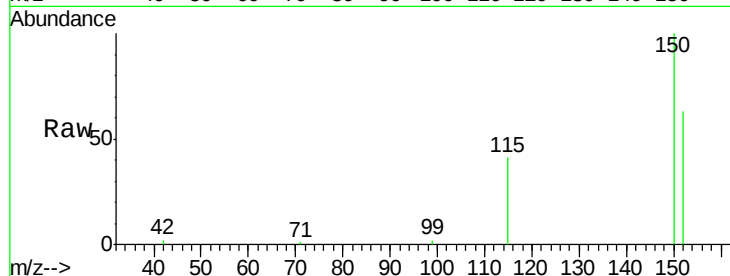
Tgt Ion:152 Resp: 23042

Ion Ratio Lower Upper

152 100

150 159.0 124.6 186.8

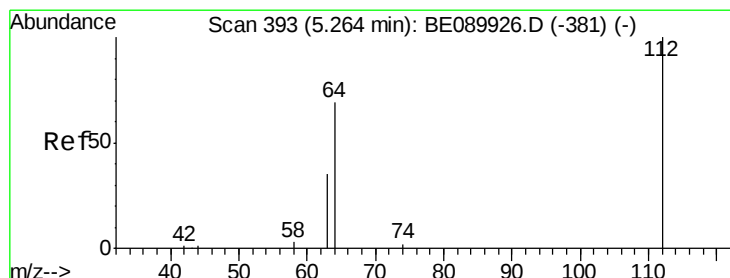
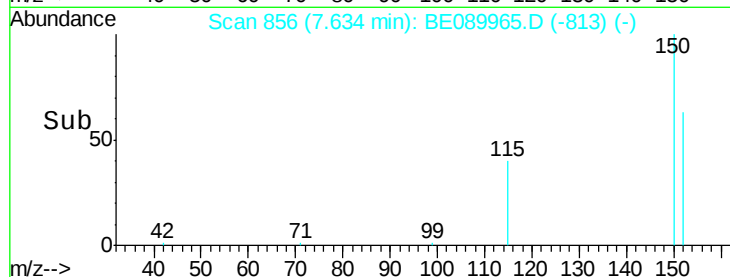
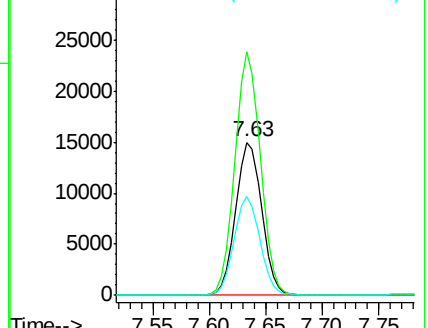
115 64.5 51.6 77.4



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



#4

2-Fluorophenol

Concen: 10.95 ng

RT: 5.27 min Scan# 393

Delta R.T. 0.00 min

Lab File: BE089965.D

Acq: 27 Jun 2015 8:09

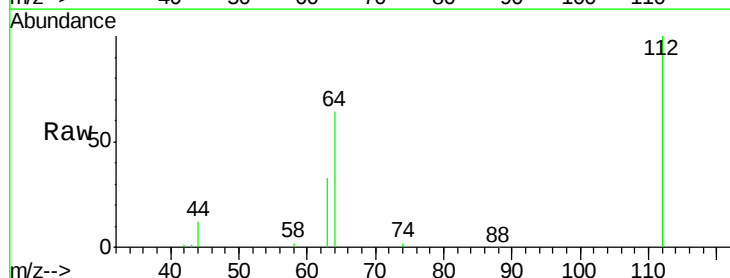
Tgt Ion:112 Resp: 45564

Ion Ratio Lower Upper

112 100

64 71.6 57.4 86.2

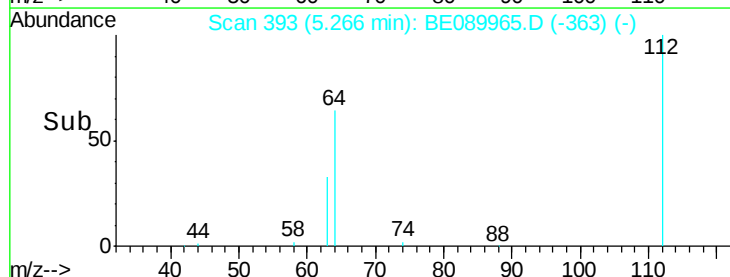
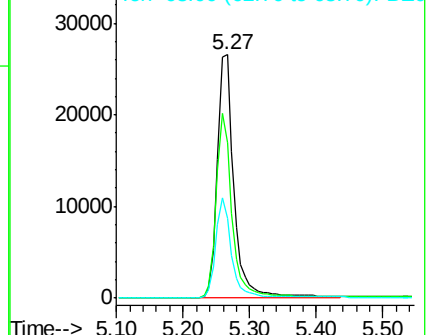
63 38.8 31.2 46.8

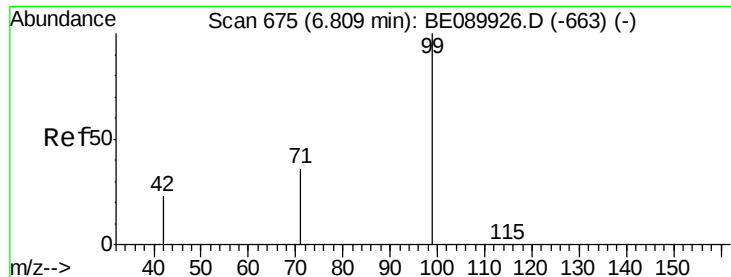


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 11.74 ng

RT: 6.81 min Scan# 675

Delta R.T. 0.00 min

Lab File: BE089965.D

Acq: 27 Jun 2015 8:09

Instrument :

BNA_E

ClientSampleId :

X3SS0230006-150624

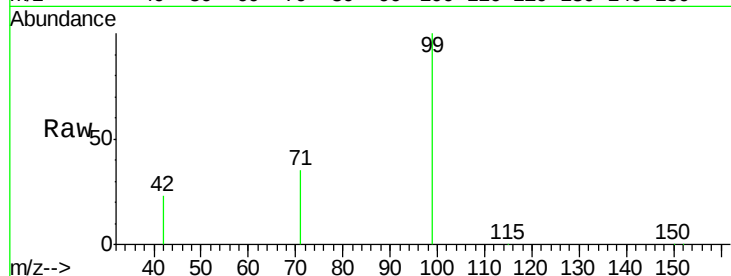
Tgt Ion: 99 Resp: 74832

Ion Ratio Lower Upper

99 100

42 23.3 19.5 29.3

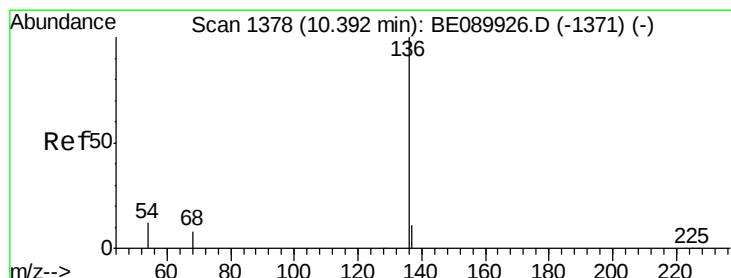
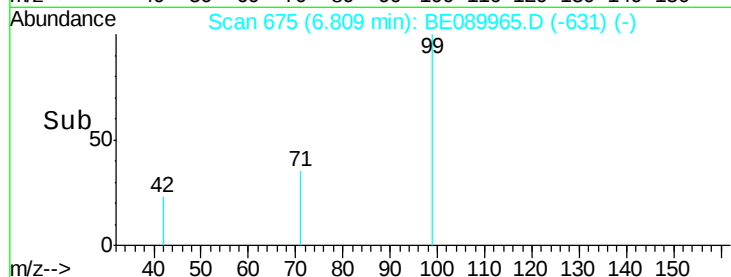
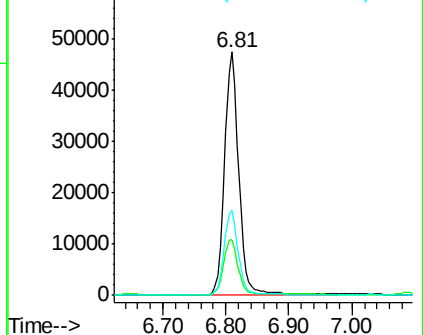
71 34.6 27.8 41.6



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: 10.39 min Scan# 1378

Delta R.T. -0.00 min

Lab File: BE089965.D

Acq: 27 Jun 2015 8:09

Tgt Ion: 136 Resp: 109262

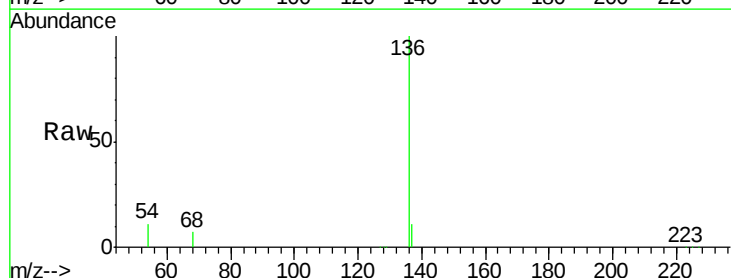
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 11.3 9.7 14.5

68 7.4 6.5 9.7

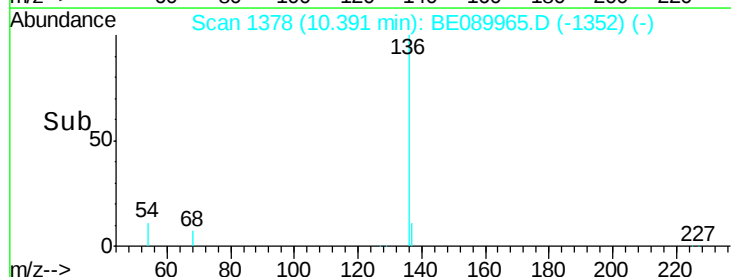
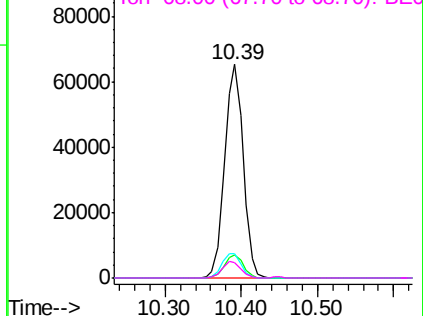


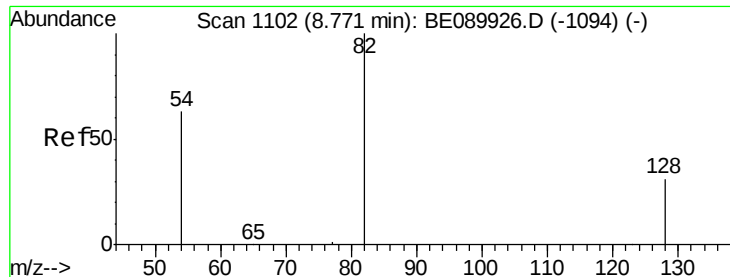
Abundance Ion 136.00 (135.70 to 136.70): E

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: 6.78 ng

RT: 8.77 min Scan# 1102

Delta R.T. -0.00 min

Lab File: BE089965.D

Acq: 27 Jun 2015 8:09

Instrument :

BNA_E

ClientSampleId :

X3SS0230006-150624

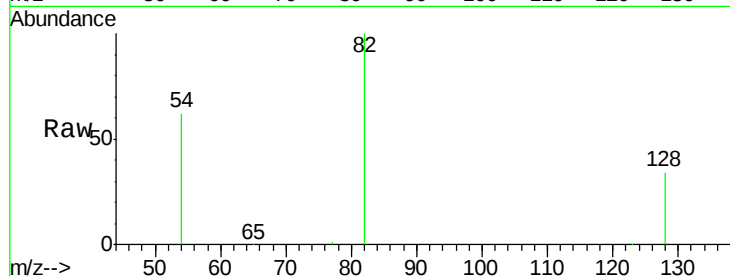
Tgt Ion: 82 Resp: 55126

Ion Ratio Lower Upper

82 100

128 33.7 25.6 38.4

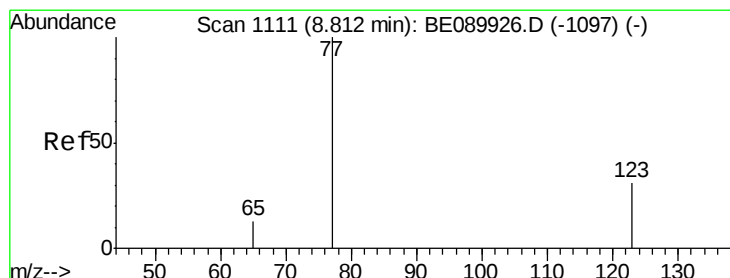
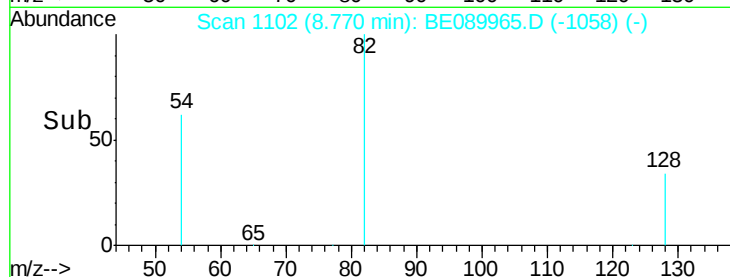
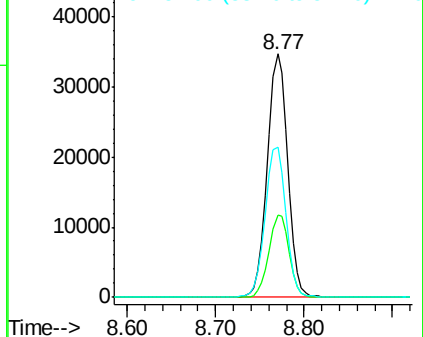
54 61.9 51.2 76.8



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: 0.10 ng

RT: 8.81 min Scan# 1111

Delta R.T. -0.00 min

Lab File: BE089965.D

Acq: 27 Jun 2015 8:09

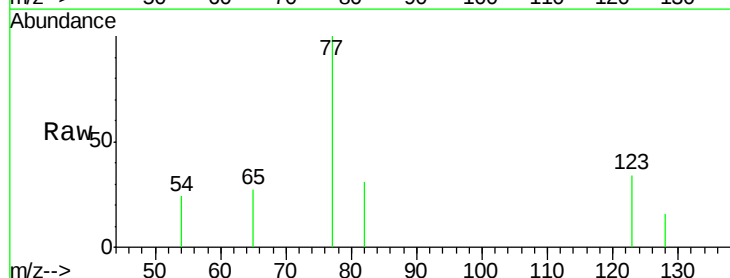
Tgt Ion: 77 Resp: 868

Ion Ratio Lower Upper

77 100

123 34.0 26.6 39.8

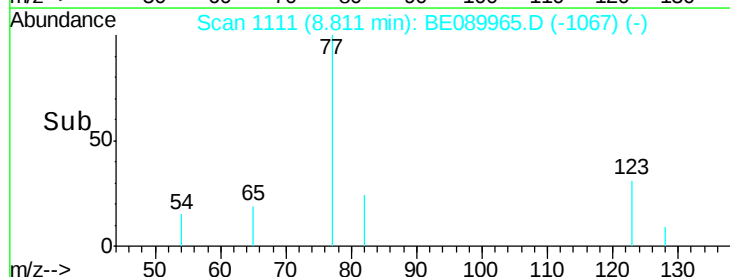
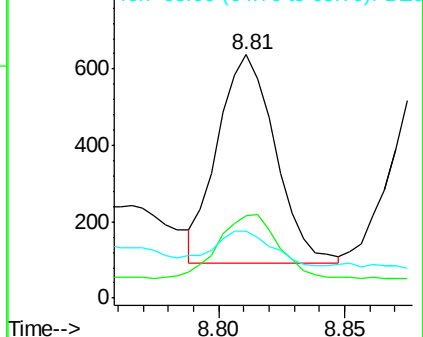
65 15.4 10.2 15.4#

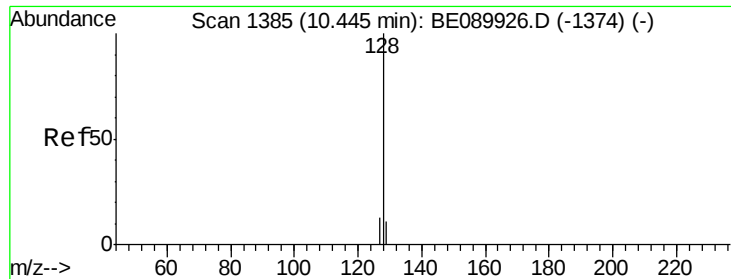


Abundance Ion 77.00 (76.70 to 77.70): BE0

Ion 123.00 (122.70 to 123.70): BE0

Ion 65.00 (64.70 to 65.70): BE0





#9

Naphthalene

Concen: 0.12 ng

RT: 10.44 min Scan# 1384

Delta R.T. -0.01 min

Lab File: BE089965.D

Acq: 27 Jun 2015 8:09

Instrument :

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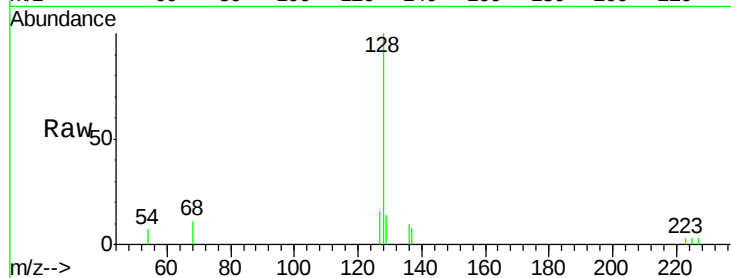
Tgt Ion:128 Resp: 2850

Ion Ratio Lower Upper

128 100

129 14.3 8.9 13.3#

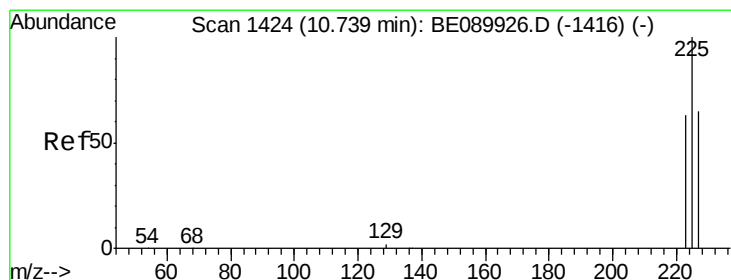
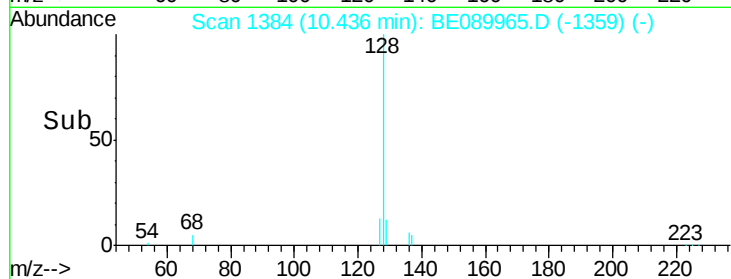
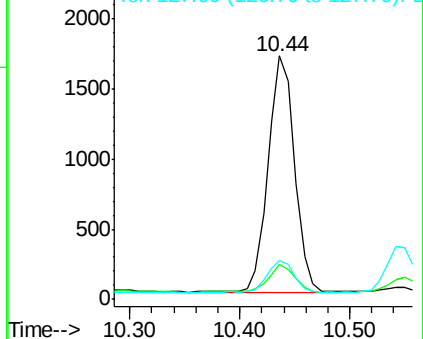
127 15.8 10.2 15.4#



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: 0.07 ng

RT: 10.74 min Scan# 1424

Delta R.T. -0.00 min

Lab File: BE089965.D

Acq: 27 Jun 2015 8:09

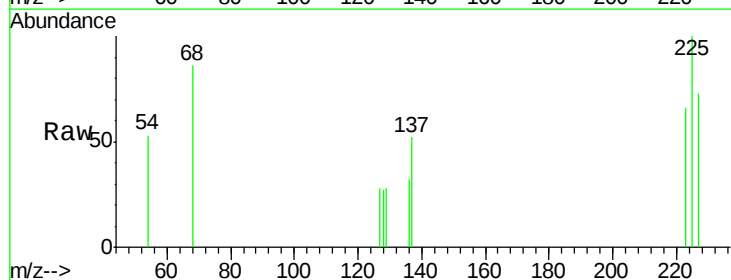
Tgt Ion:225 Resp: 258

Ion Ratio Lower Upper

225 100

223 66.3 50.0 75.0

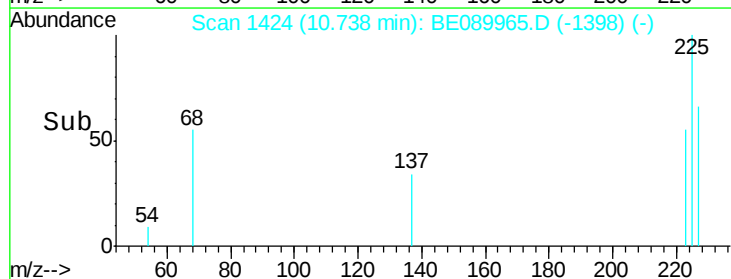
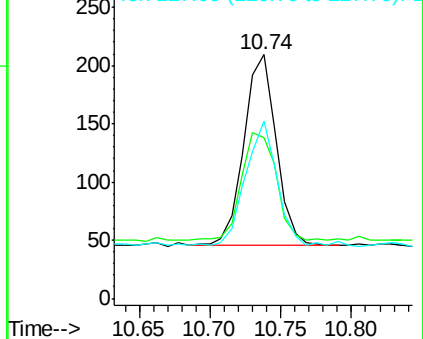
227 62.4 50.7 76.1

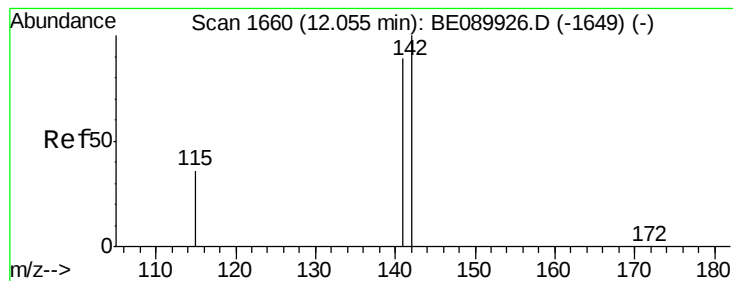


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene

Concen: 0.13 ng

RT: 12.05 min Scan# 1659

Delta R.T. -0.00 min

Lab File: BE089965.D

Acq: 27 Jun 2015 8:09

Instrument :

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ClientSampleId :

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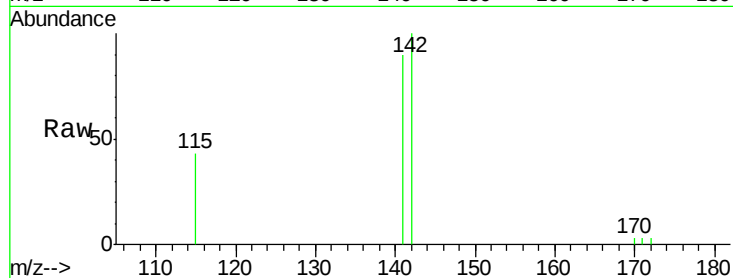
Tgt Ion:142 Resp: 2196

Ion Ratio Lower Upper

142 100

141 90.3 71.1 106.7

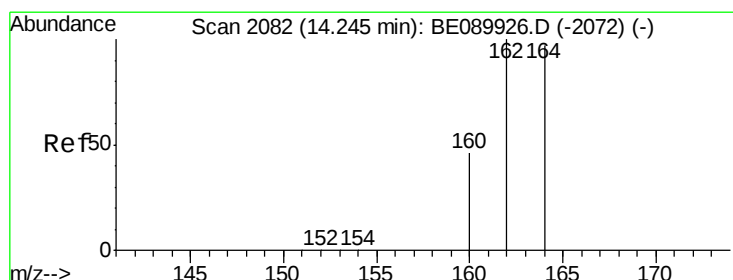
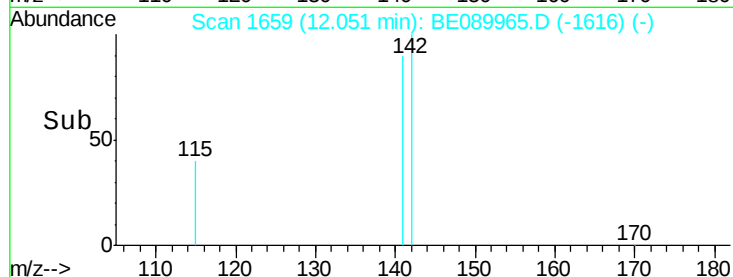
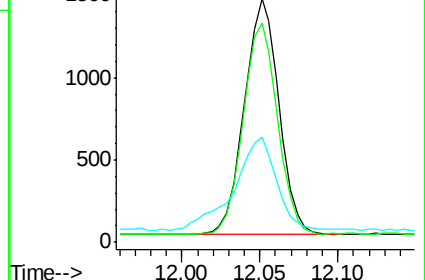
115 43.4 29.1 43.7



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: 14.24 min Scan# 2081

Delta R.T. -0.01 min

Lab File: BE089965.D

Acq: 27 Jun 2015 8:09

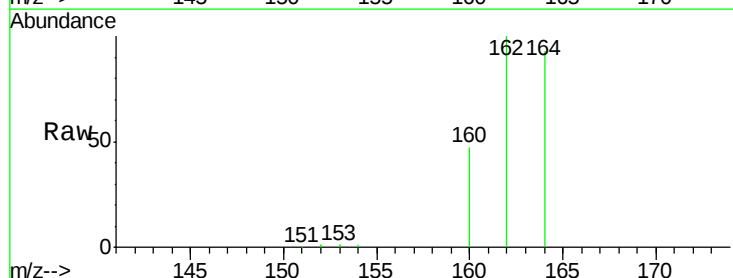
Tgt Ion:164 Resp: 66743

Ion Ratio Lower Upper

164 100

162 107.1 82.7 124.1

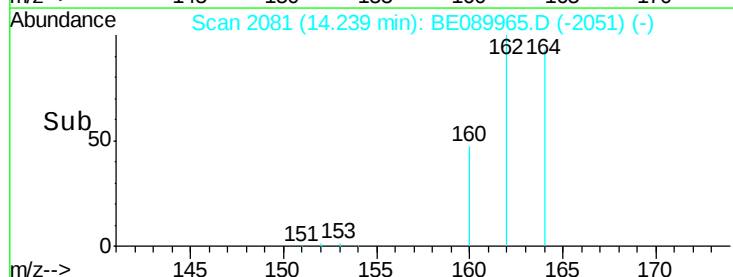
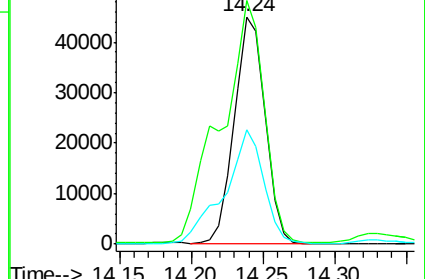
160 50.1 38.3 57.5

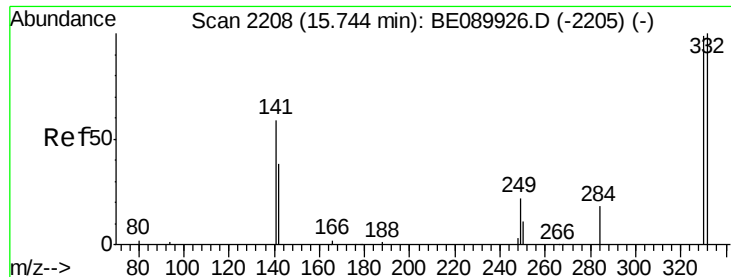


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

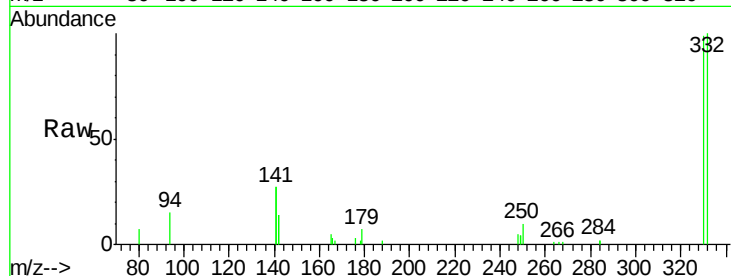




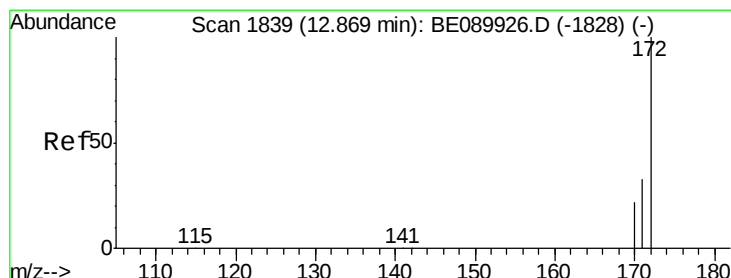
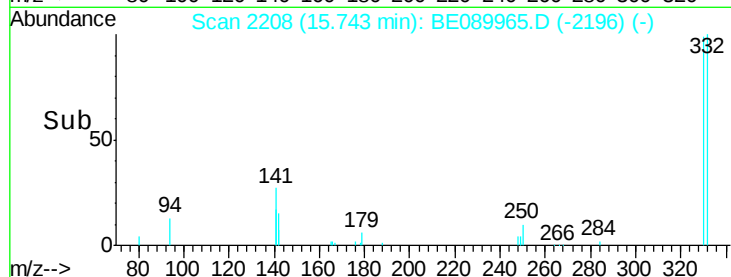
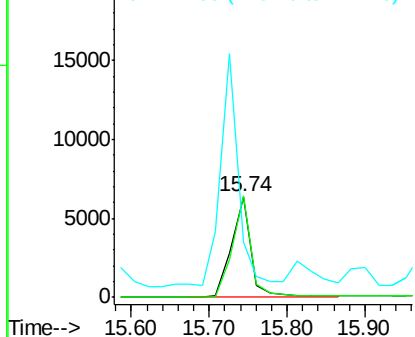
#13
 2,4,6-Tribromophenol
 Concen: 9.18 ng
 RT: 15.74 min Scan# 2208
 Delta R.T. 0.00 min
 Lab File: BE089965.D
 Acq: 27 Jun 2015 8:09

Instrument :
 BNA_E
 ClientSampleId :
 X3SS0230006-150624

Tgt Ion:330 Resp: 10860
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.9 116.9
 141 221.9 142.8 214.2#

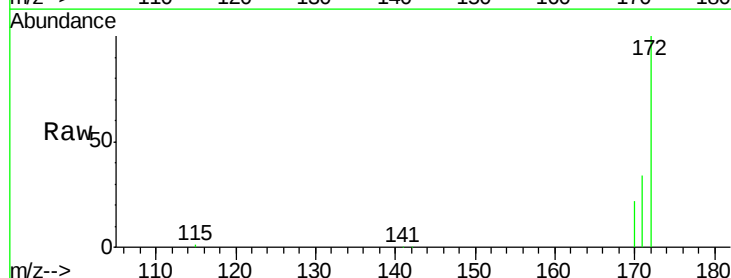


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

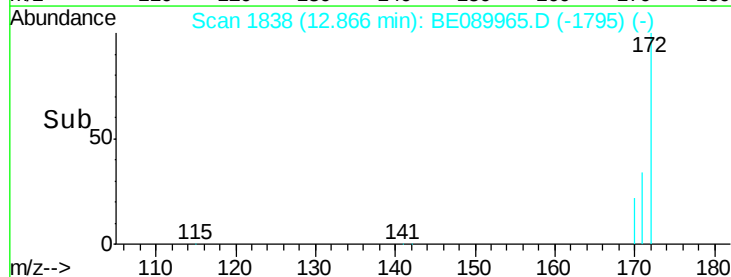
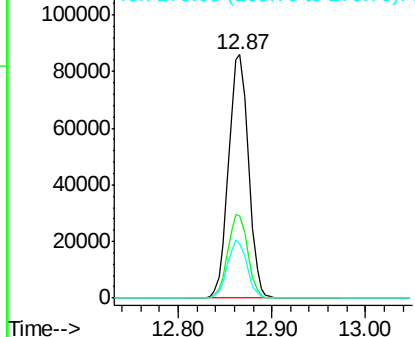


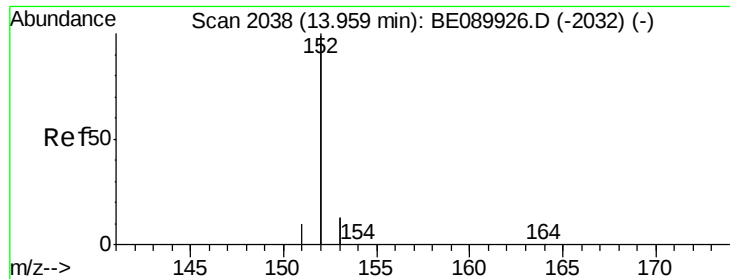
#14
 2-Fluorobiphenyl
 Concen: 6.52 ng
 RT: 12.87 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: BE089965.D
 Acq: 27 Jun 2015 8:09

Tgt Ion:172 Resp: 126855
 Ion Ratio Lower Upper
 172 100
 171 33.6 26.7 40.1
 170 22.4 17.5 26.3



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: 0.15 ng

RT: 13.95 min Scan# 2037

Delta R.T. -0.01 min

Lab File: BE089965.D

Acq: 27 Jun 2015 8:09

Instrument :

BNA_E

ClientSampleId :

X3SS0230006-150624

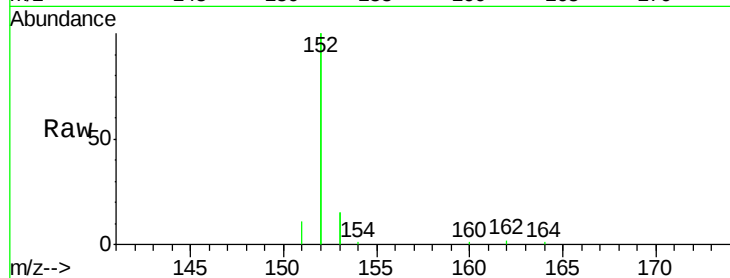
Tgt Ion:152 Resp: 17364

Ion Ratio Lower Upper

152 100

151 5.0 3.9 5.9

153 13.3 10.4 15.6

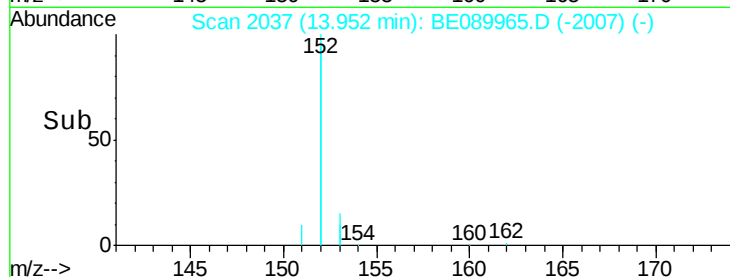


Abundance Ion 152.00 (151.70 to 152.70): E

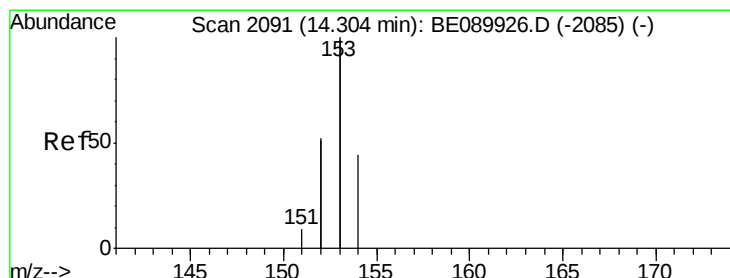
Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

13.95



Time-->



#16

Acenaphthene

Concen: 0.17 ng

RT: 14.30 min Scan# 2091

Delta R.T. -0.00 min

Lab File: BE089965.D

Acq: 27 Jun 2015 8:09

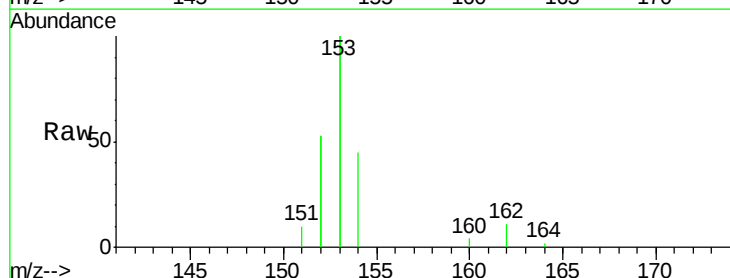
Tgt Ion:154 Resp: 2986

Ion Ratio Lower Upper

154 100

153 447.5 362.8 544.2

152 281.2 194.6 291.8

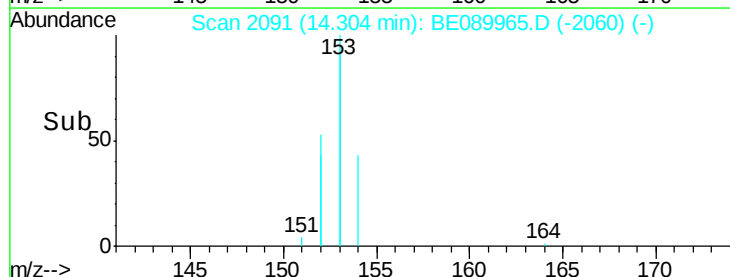


Abundance Ion 154.00 (153.70 to 154.70): E

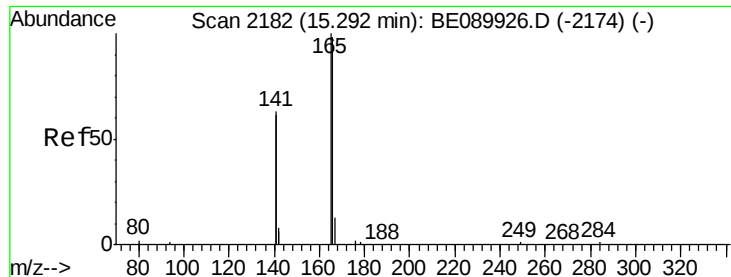
Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

14.30



Time-->



#17

Fluorene

Concen: 0.17 ng

RT: 15.29 min Scan# 2182

Delta R.T. 0.00 min

Lab File: BE089965.D

Acq: 27 Jun 2015 8:09

Instrument :

BNA_E

ClientSampleId :

X3SS0230006-150624

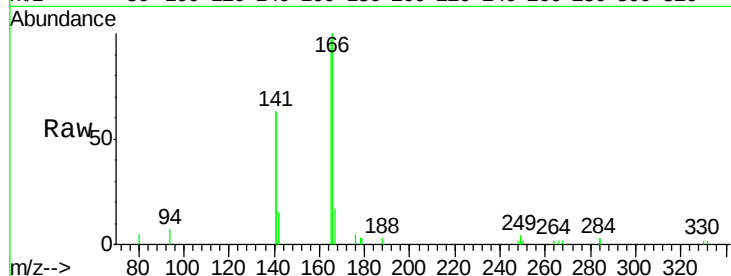
Tgt Ion:166 Resp: 3817

Ion Ratio Lower Upper

166 100

165 105.3 81.1 121.7

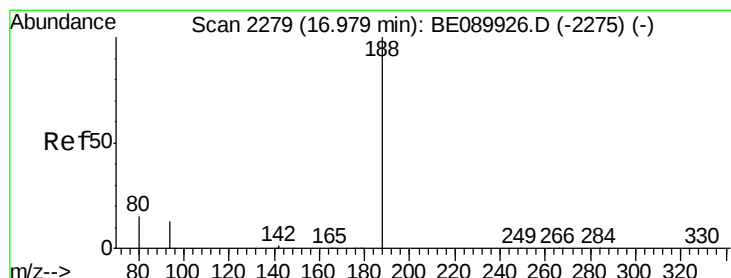
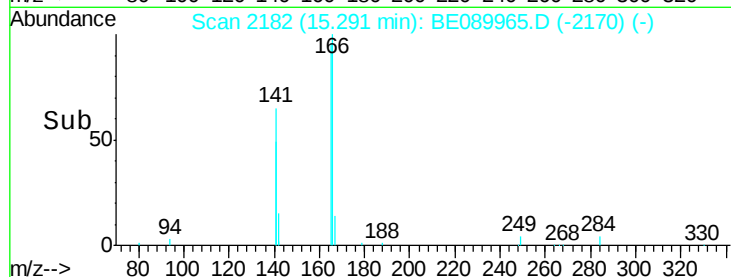
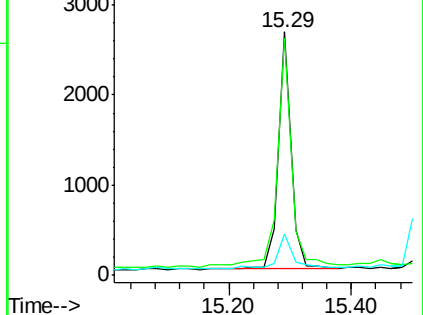
167 21.2 11.8 17.8#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.98 min Scan# 2279

Delta R.T. -0.00 min

Lab File: BE089965.D

Acq: 27 Jun 2015 8:09

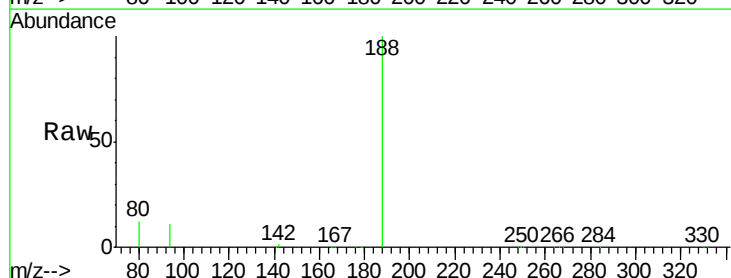
Tgt Ion:188 Resp: 156017

Ion Ratio Lower Upper

188 100

94 11.1 10.6 16.0

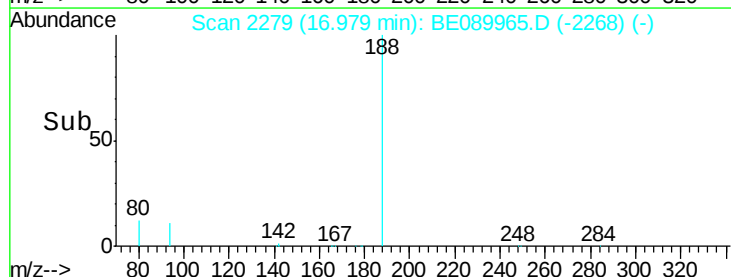
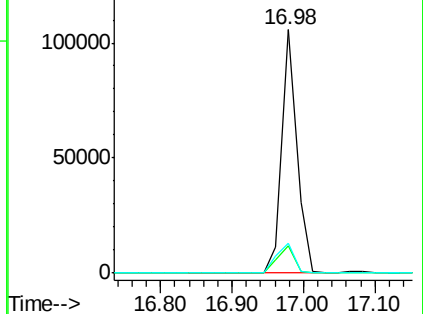
80 12.2 11.8 17.6

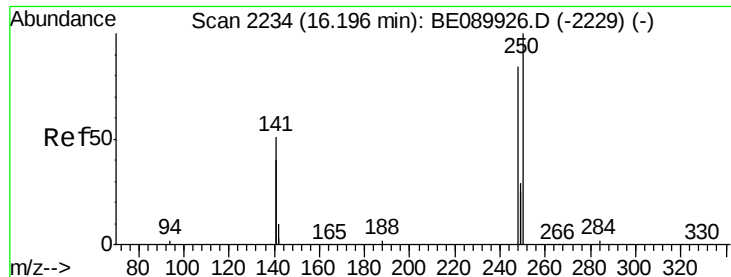


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0

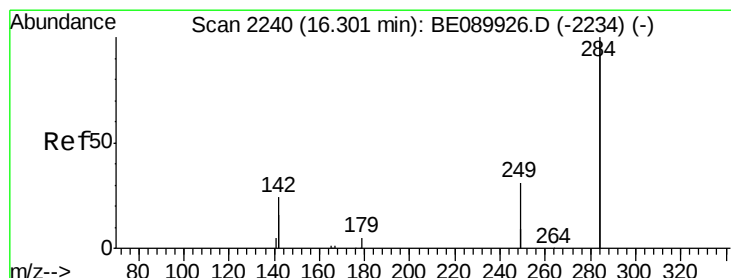
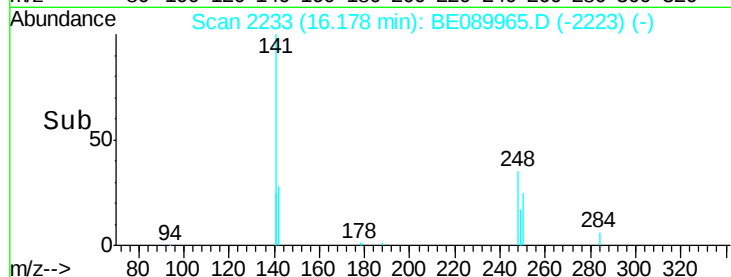
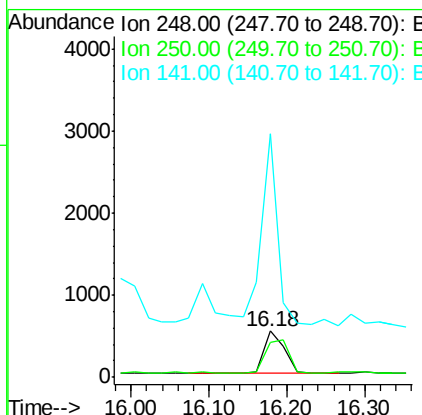
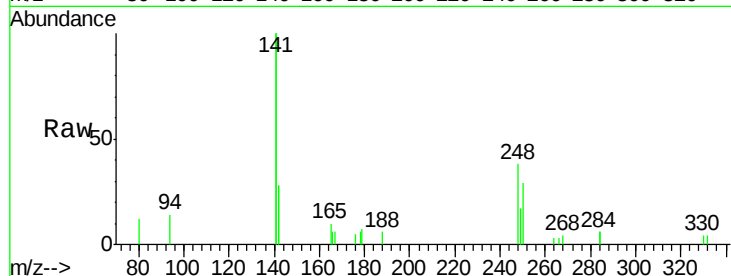




#19
4-Bromophenyl-phenylether
Concen: 0.15 ng
RT: 16.18 min Scan# 2233
Delta R.T. -0.02 min
Lab File: BE089965.D
Acq: 27 Jun 2015 8:09

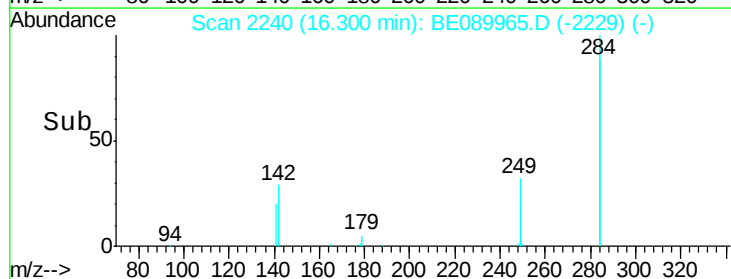
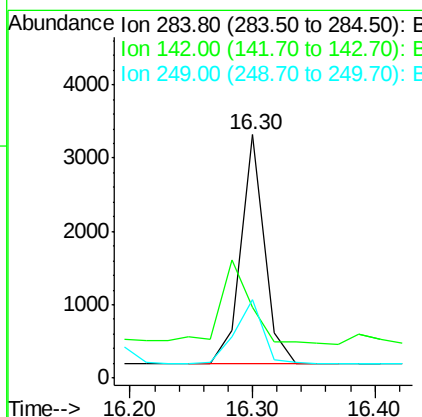
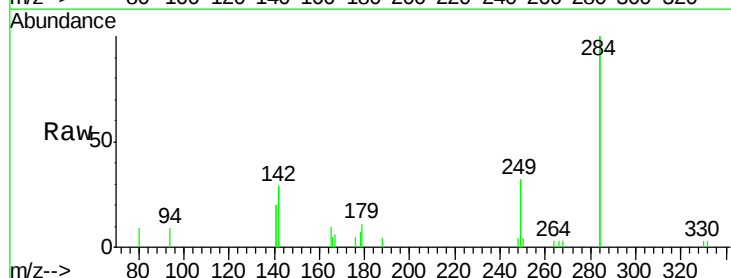
Instrument :
BNA_E
ClientSampleId :
X3SS0230006-150624

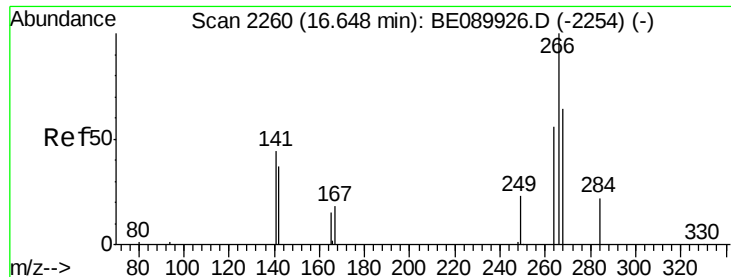
Tgt Ion:248 Resp: 933
Ion Ratio Lower Upper
248 100
250 89.2 79.3 118.9
141 352.0 274.1 411.1



#20
Hexachlorobenzene
Concen: 0.15 ng
RT: 16.30 min Scan# 2240
Delta R.T. -0.00 min
Lab File: BE089965.D
Acq: 27 Jun 2015 8:09

Tgt Ion:284 Resp: 4210
Ion Ratio Lower Upper
284 100
142 45.5 32.0 48.0
249 33.4 25.0 37.6





#21

Pentachlorophenol

Concen: 1.56 ng

RT: 16.63 min Scan# 2259

Delta R.T. -0.02 min

Lab File: BE089965.D

Acq: 27 Jun 2015 8:09

Instrument :

BNA_E

ClientSampleId :

X3SS0230006-150624

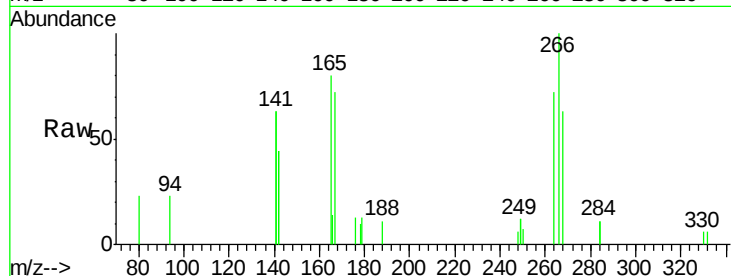
Tgt Ion:266 Resp: 1819

Ion Ratio Lower Upper

266 100

268 63.1 54.4 81.6

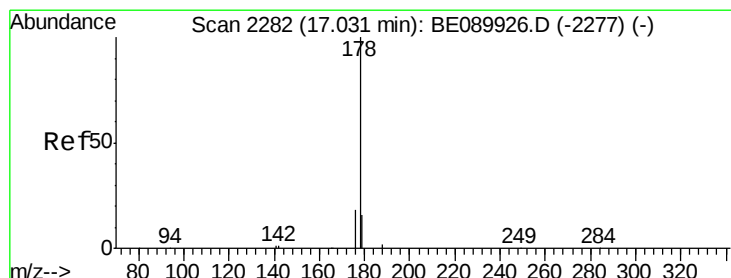
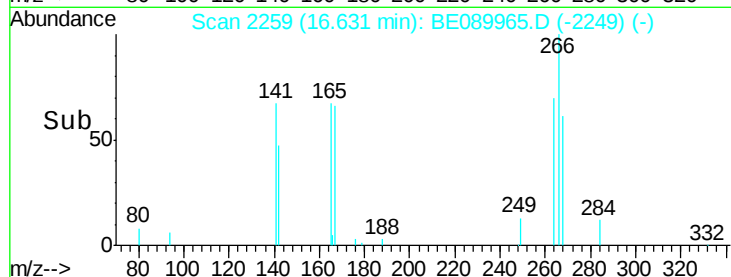
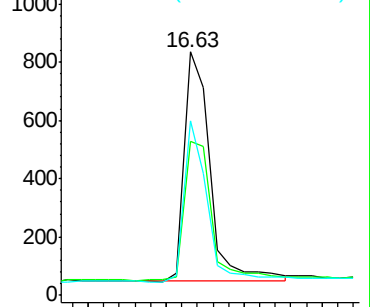
264 71.7 48.2 72.2



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: 0.43 ng

RT: 17.01 min Scan# 2281

Delta R.T. -0.02 min

Lab File: BE089965.D

Acq: 27 Jun 2015 8:09

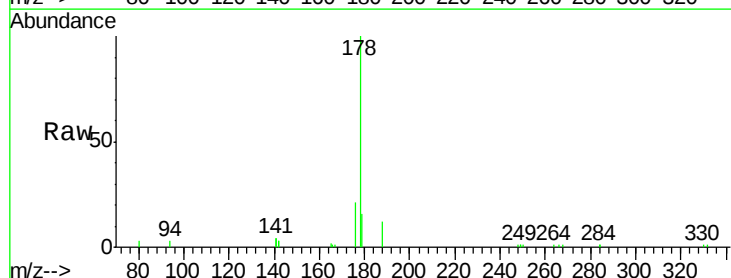
Tgt Ion:178 Resp: 16672

Ion Ratio Lower Upper

178 100

176 19.8 15.4 23.2

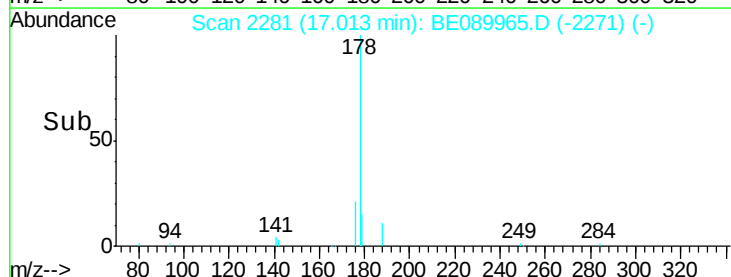
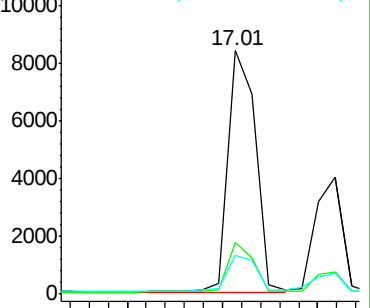
179 16.6 12.6 19.0

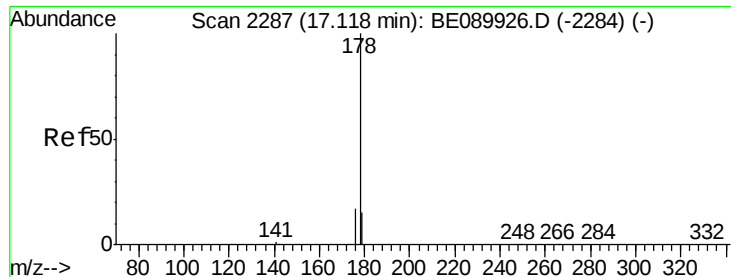


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#23

Anthracene

Concen: 0.22 ng

RT: 17.12 min Scan# 2287

Delta R.T. -0.00 min

Lab File: BE089965.D

Acq: 27 Jun 2015 8:09

Instrument :

BNA_E

ClientSampleId :

X3SS0230006-150624

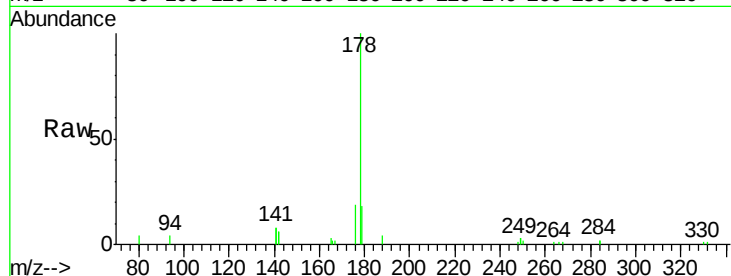
Tgt Ion:178 Resp: 7872

Ion Ratio Lower Upper

178 100

176 17.6 14.6 21.8

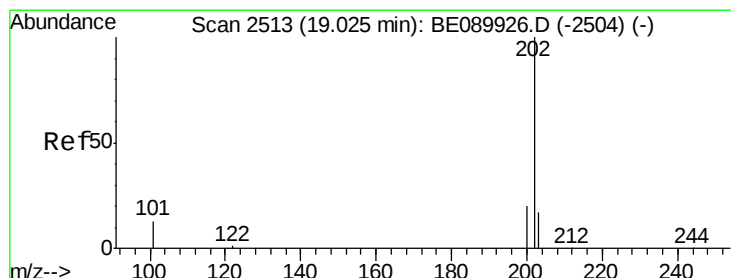
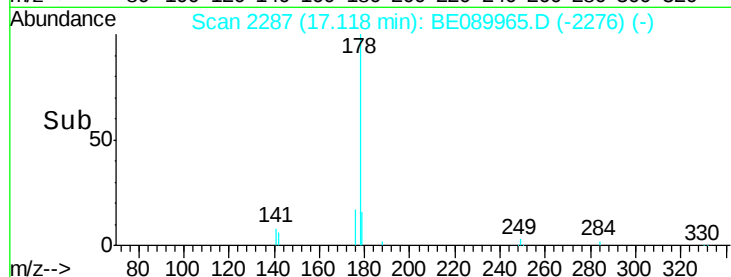
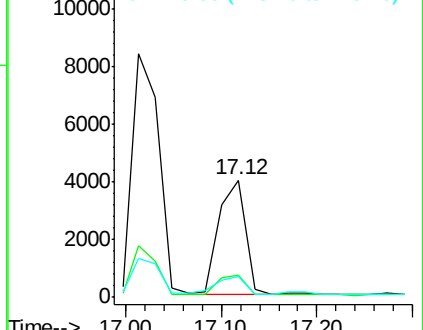
179 16.5 12.3 18.5



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: 0.89 ng

RT: 19.02 min Scan# 2513

Delta R.T. -0.00 min

Lab File: BE089965.D

Acq: 27 Jun 2015 8:09

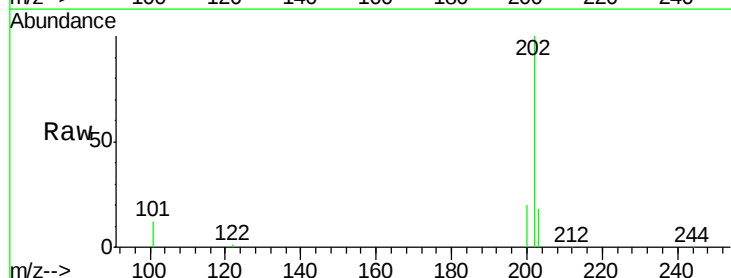
Tgt Ion:202 Resp: 37963

Ion Ratio Lower Upper

202 100

101 13.2 10.6 16.0

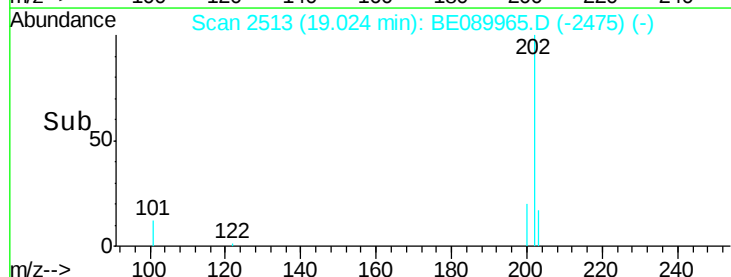
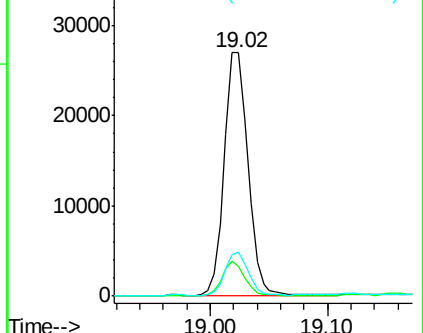
203 17.0 13.8 20.8

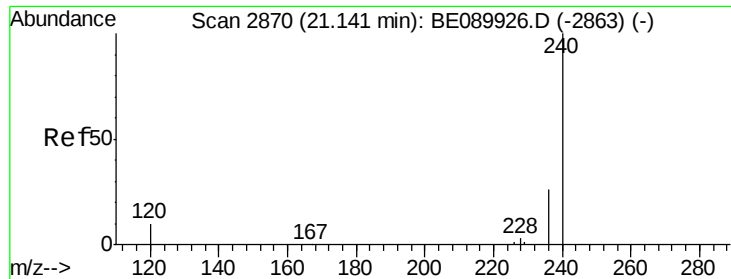


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.13 min Scan# 2870

Delta R.T. -0.01 min

Lab File: BE089965.D

Acq: 27 Jun 2015 8:09

Instrument :

BNA_E

ClientSampleId :

X3SS0230006-150624

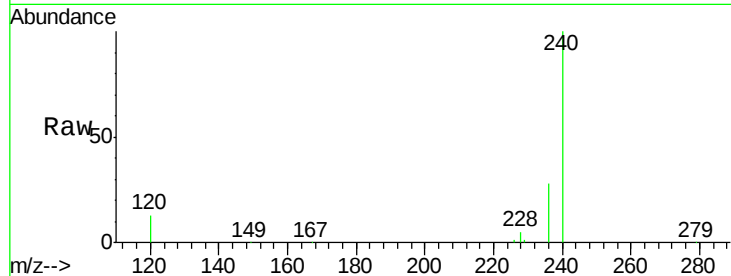
Tgt Ion:240 Resp: 193109

Ion Ratio Lower Upper

240 100

120 13.0 7.9 11.9#

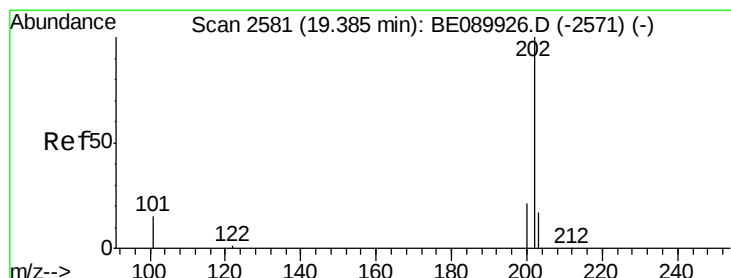
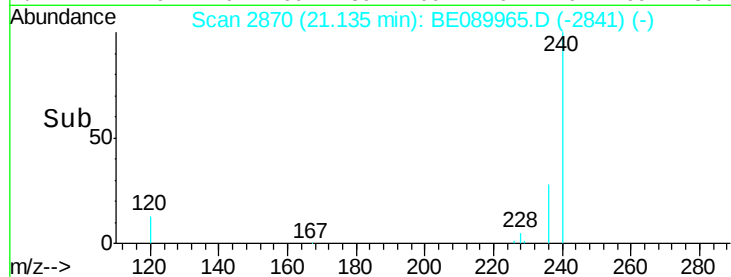
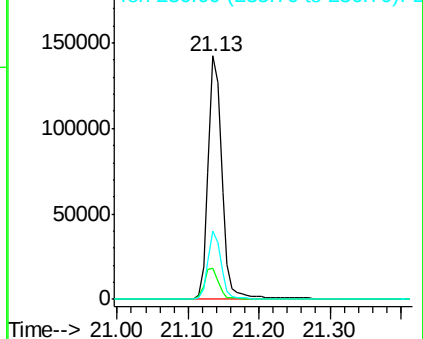
236 28.0 21.2 31.8



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: 0.77 ng

RT: 19.38 min Scan# 2581

Delta R.T. -0.00 min

Lab File: BE089965.D

Acq: 27 Jun 2015 8:09

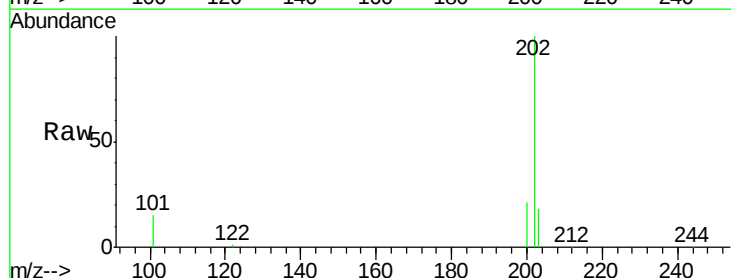
Tgt Ion:202 Resp: 37493

Ion Ratio Lower Upper

202 100

200 21.2 16.6 25.0

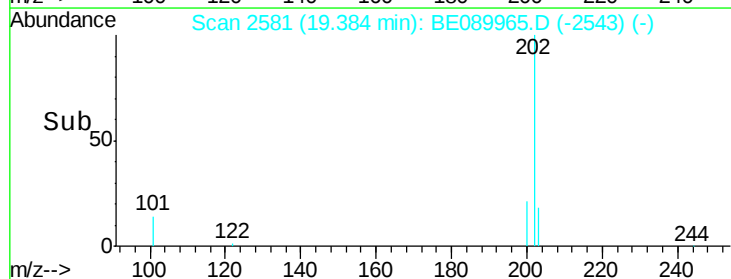
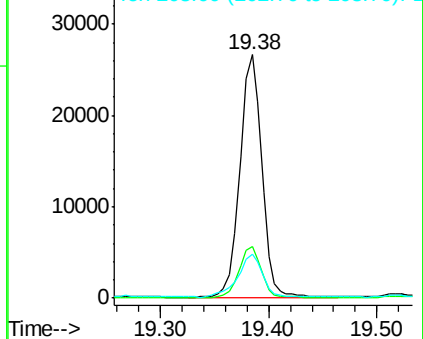
203 19.8 13.9 20.9

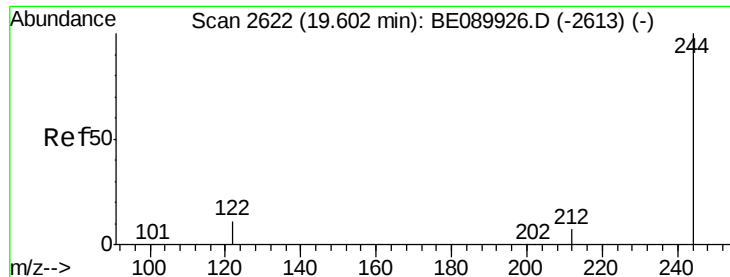


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Terphenyl-d14

Concen: 6.07 ng

RT: 19.60 min Scan# 2621

Delta R.T. -0.01 min

Lab File: BE089965.D

Acq: 27 Jun 2015 8:09

Instrument :

BNA_E

ClientSampleId :

X3SS0230006-150624

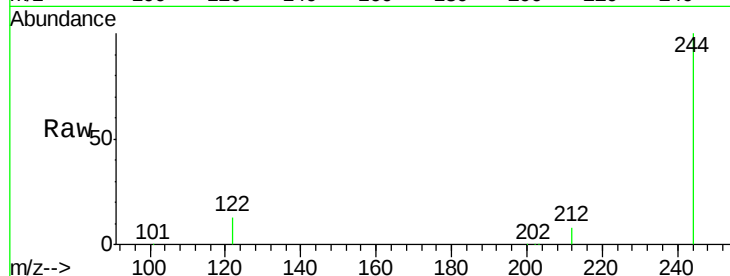
Tgt Ion:244 Resp: 202243

Ion Ratio Lower Upper

244 100

212 8.3 6.1 9.1

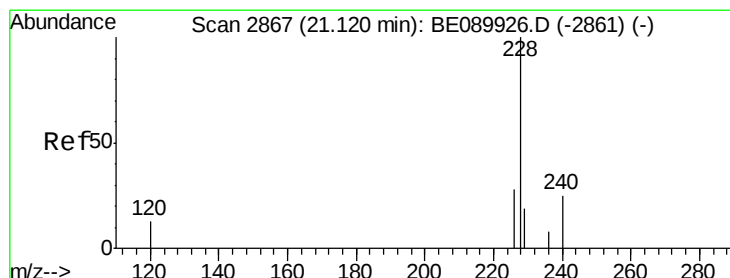
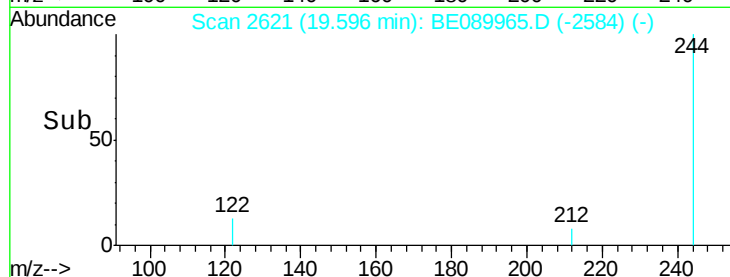
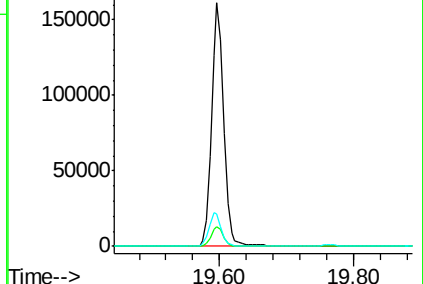
122 13.4 8.7 13.1#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#28

Benzo(a)anthracene

Concen: 0.68 ng

RT: 21.12 min Scan# 2868

Delta R.T. 0.00 min

Lab File: BE089965.D

Acq: 27 Jun 2015 8:09

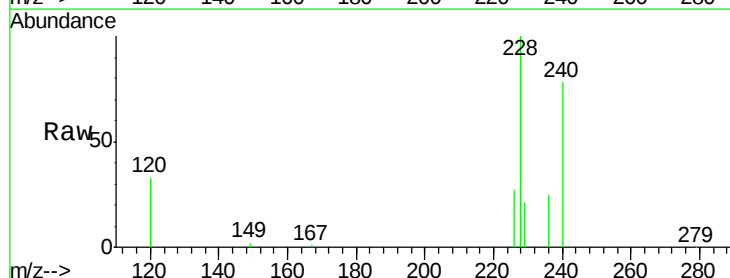
Tgt Ion:228 Resp: 31328

Ion Ratio Lower Upper

228 100

226 27.4 22.2 33.4

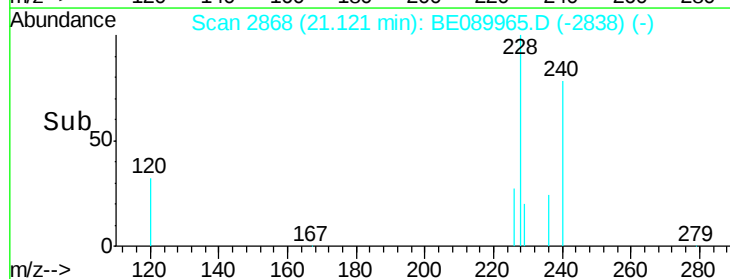
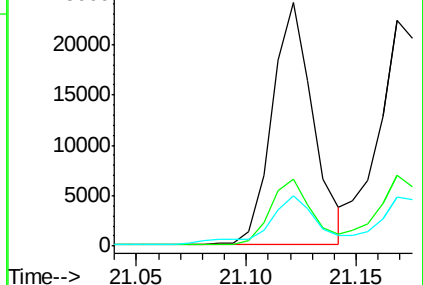
229 20.6 15.3 22.9

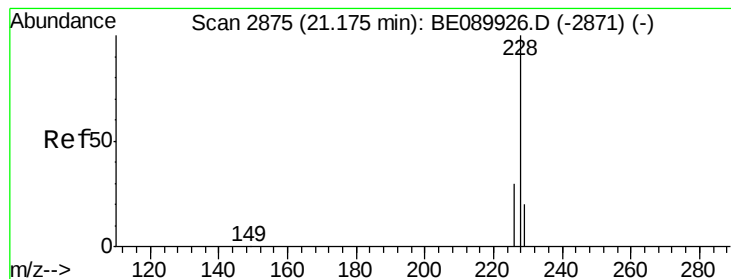


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#29

Chrysene

Concen: 0.67 ng

RT: 21.17 min Scan# 2875

Delta R.T. -0.01 min

Lab File: BE089965.D

Acq: 27 Jun 2015 8:09

Instrument :

BNA_E

ClientSampleId :

X3SS0230006-150624

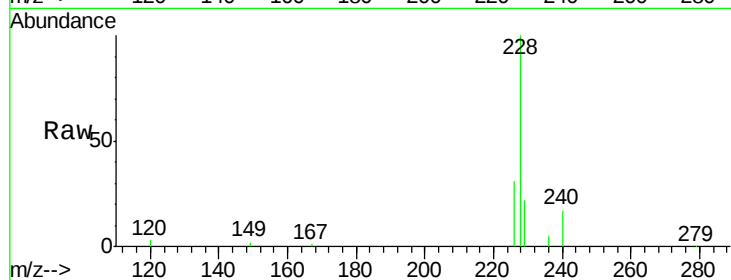
Tgt Ion:228 Resp: 34003

Ion Ratio Lower Upper

228 100

226 31.4 23.7 35.5

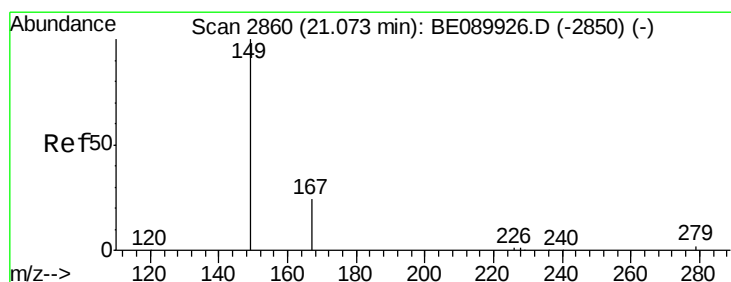
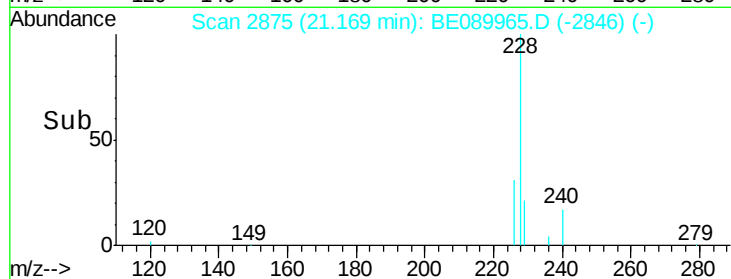
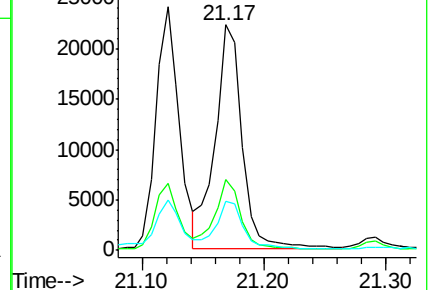
229 21.7 15.8 23.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#30

Bis(2-ethylhexyl)phthalate

Concen: 1.41 ng

RT: 21.07 min Scan# 2861

Delta R.T. 0.00 min

Lab File: BE089965.D

Acq: 27 Jun 2015 8:09

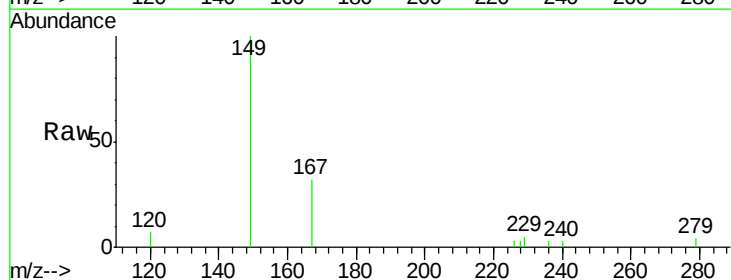
Tgt Ion:149 Resp: 5542

Ion Ratio Lower Upper

149 100

167 33.8 20.3 30.5#

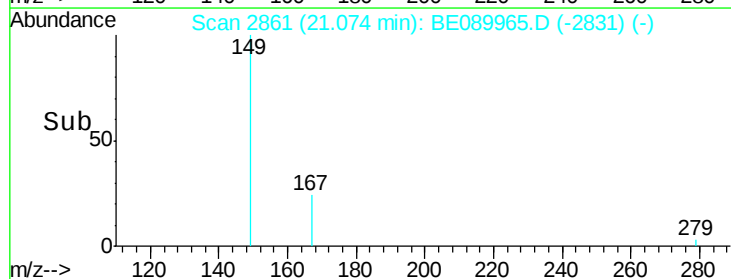
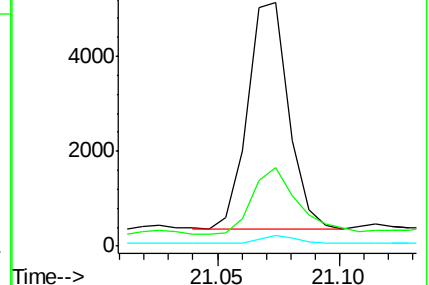
279 3.0 2.7 4.1

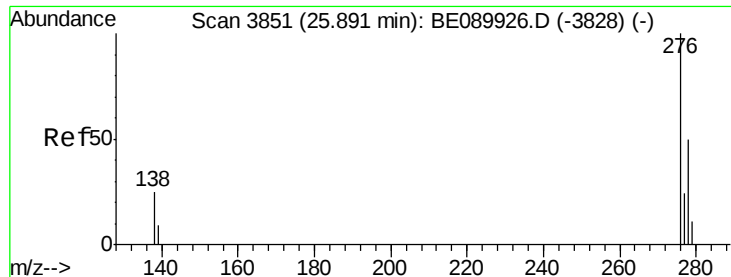


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.55 ng

RT: 25.88 min Scan# 3848

Delta R.T. -0.01 min

Lab File: BE089965.D

Acq: 27 Jun 2015 8:09

Instrument :

BNA_E

ClientSampleId :

X3SS0230006-150624

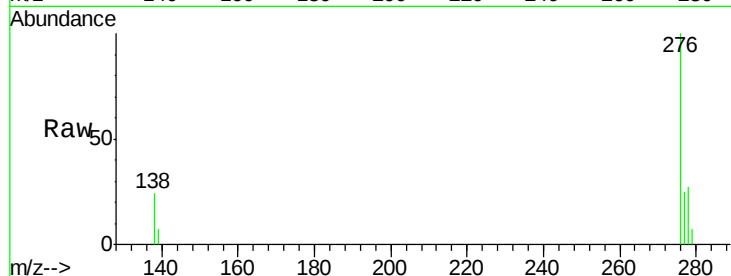
Tgt Ion:276 Resp: 20393

Ion Ratio Lower Upper

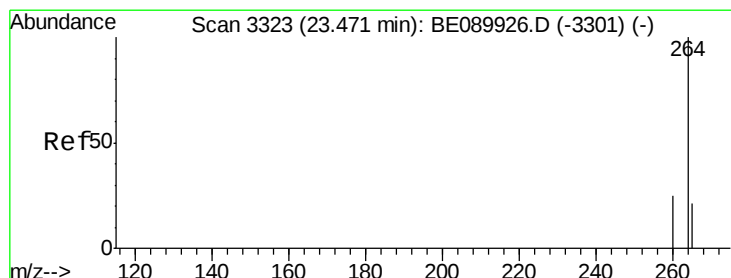
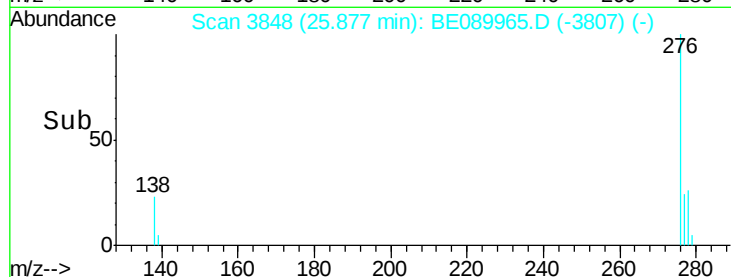
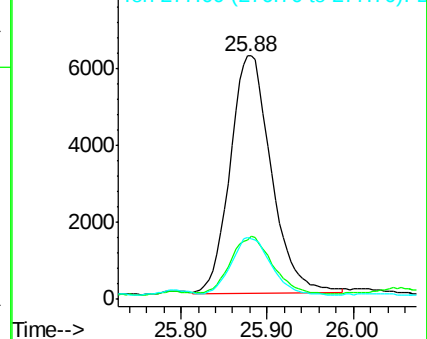
276 100

138 24.4 0.0 0.0#

277 23.8 0.0 0.0#



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: 23.47 min Scan# 3323

Delta R.T. -0.00 min

Lab File: BE089965.D

Acq: 27 Jun 2015 8:09

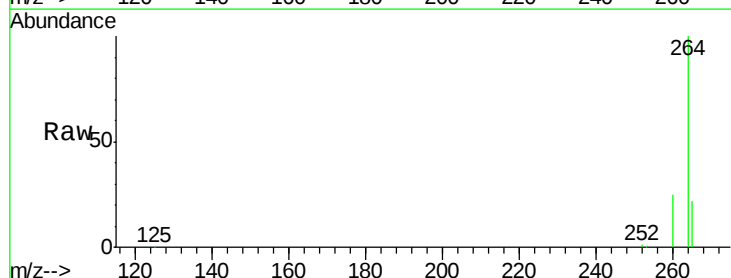
Tgt Ion:264 Resp: 176833

Ion Ratio Lower Upper

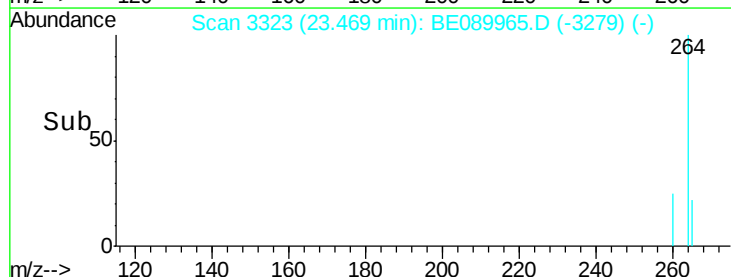
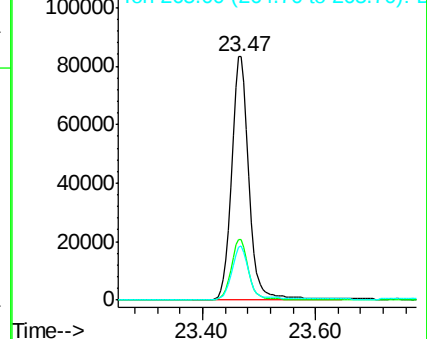
264 100

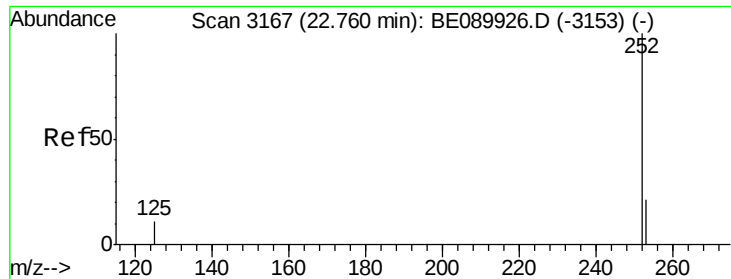
260 24.9 19.8 29.6

265 22.1 17.3 25.9



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: 0.99 ng

RT: 22.76 min Scan# 3167

Delta R.T. -0.00 min

Lab File: BE089965.D

Acq: 27 Jun 2015 8:09

Instrument :

BNA_E

ClientSampleId :

X3SS0230006-150624

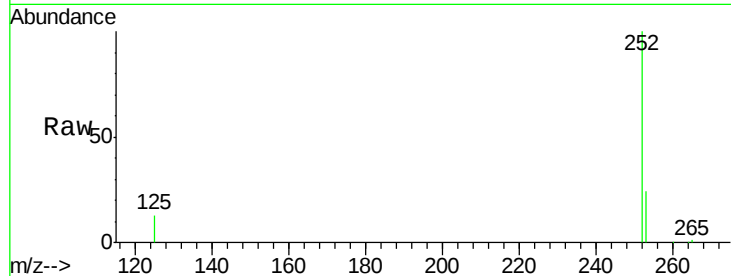
Tgt Ion:252 Resp: 37136

Ion Ratio Lower Upper

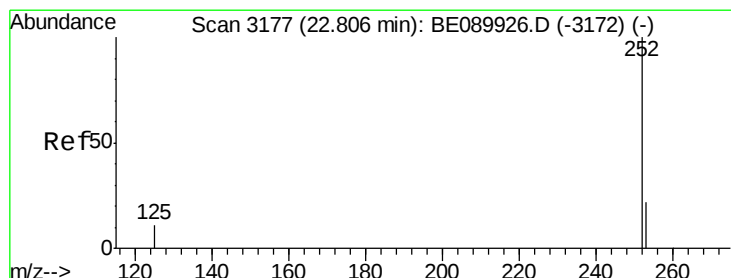
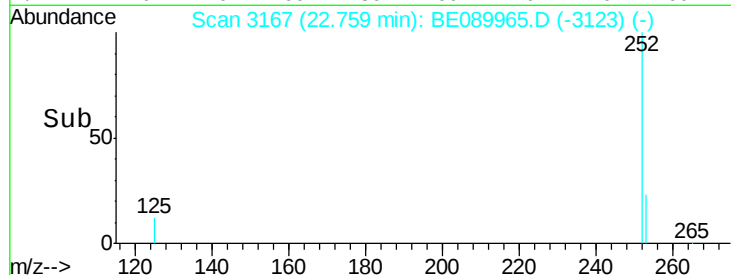
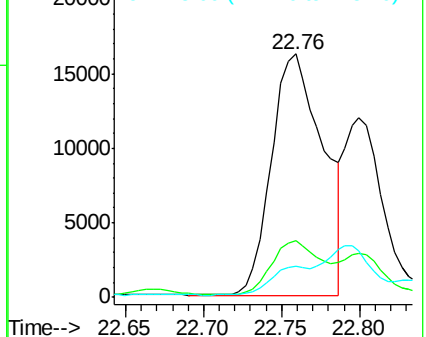
252 100

253 23.5 17.3 25.9

125 12.9 9.3 13.9



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: 0.88 ng

RT: 22.76 min Scan# 3167

Delta R.T. -0.05 min

Lab File: BE089965.D

Acq: 27 Jun 2015 8:09

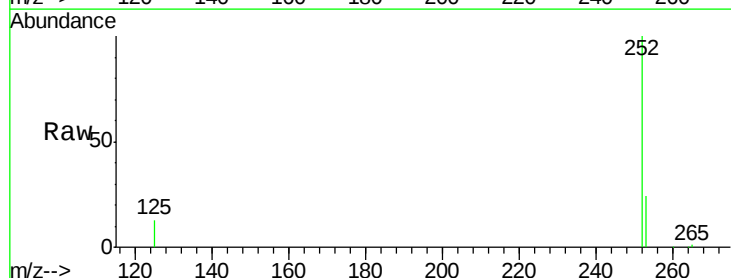
Tgt Ion:252 Resp: 37136

Ion Ratio Lower Upper

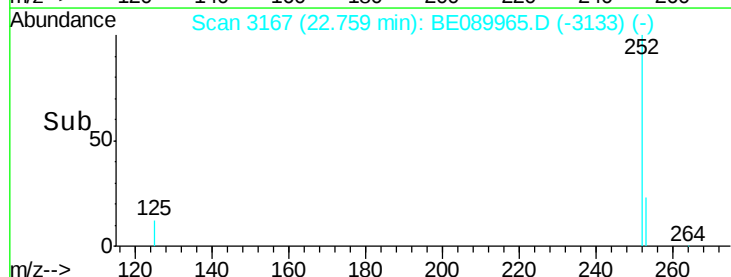
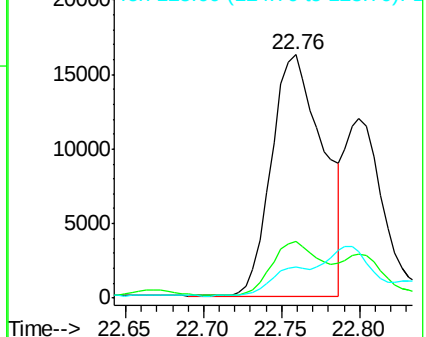
252 100

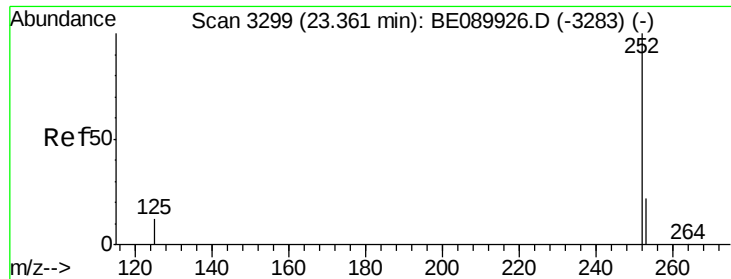
253 23.5 17.9 26.9

125 12.9 9.2 13.8



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: 0.79 ng

RT: 23.36 min Scan# 3299

Delta R.T. -0.00 min

Lab File: BE089965.D

Acq: 27 Jun 2015 8:09

Instrument :

BNA_E

ClientSampleId :

X3SS0230006-150624

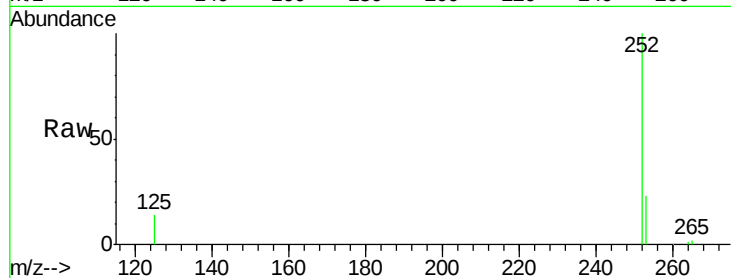
Tgt Ion:252 Resp: 26176

Ion Ratio Lower Upper

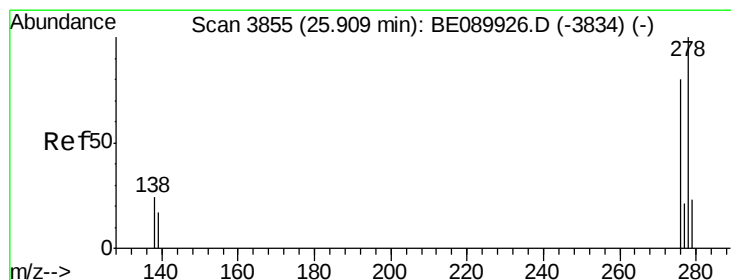
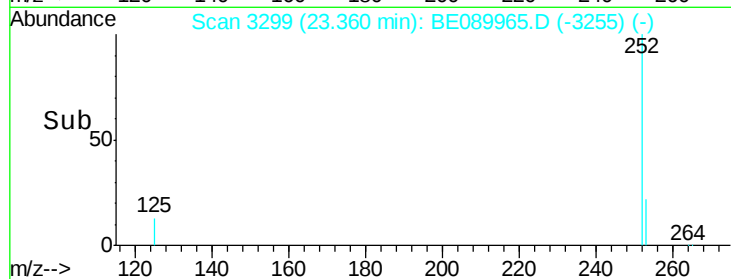
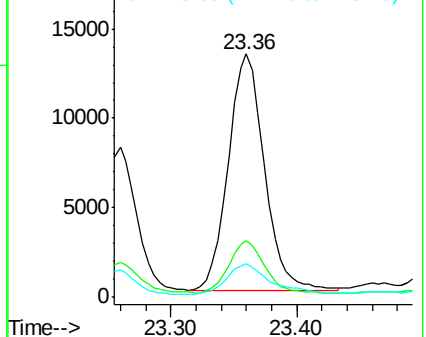
252 100

253 23.3 17.8 26.6

125 13.8 10.3 15.5



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: 0.29 ng

RT: 25.90 min Scan# 3853

Delta R.T. -0.01 min

Lab File: BE089965.D

Acq: 27 Jun 2015 8:09

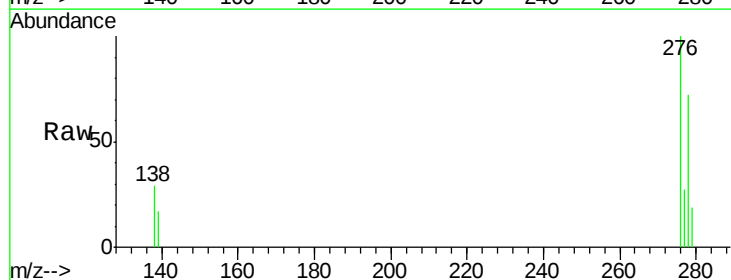
Tgt Ion:278 Resp: 9058

Ion Ratio Lower Upper

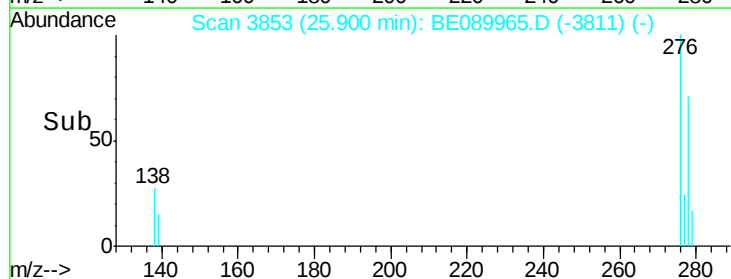
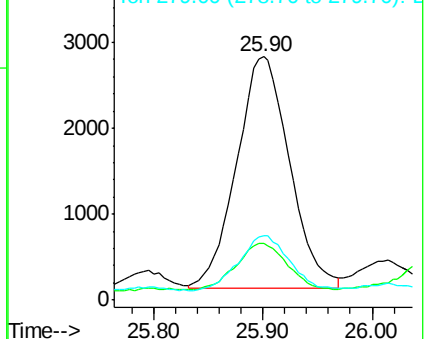
278 100

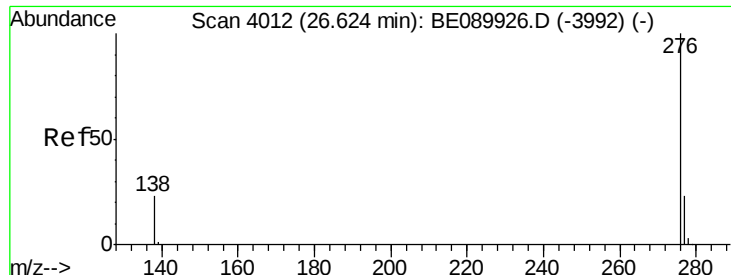
139 23.1 14.1 21.1#

279 26.6 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: 0.59 ng

RT: 26.62 min Scan# 4011

Delta R.T. -0.00 min

Lab File: BE089965.D

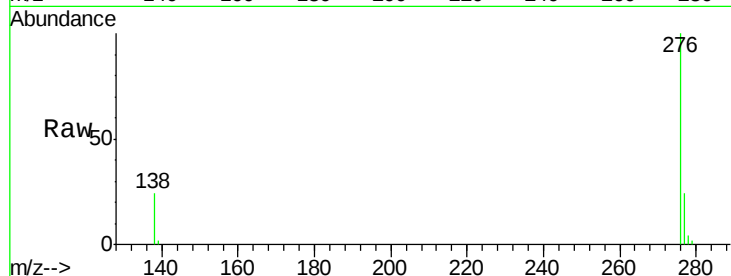
Acq: 27 Jun 2015 8:09

Instrument :

BNA_E

ClientSampleId :

X3SS0230006-150624



Tgt Ion: 276 Resp: 19682

Ion Ratio Lower Upper

276 100

277 24.2 19.0 28.4

138 23.9 18.8 28.2

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

