

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062615\
 Data File : BE089951.D
 Acq On : 26 Jun 2015 20:10
 Operator : TP/IZ
 Sample : PB84222BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB84222BS

Quant Time: Jun 27 01:01:12 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

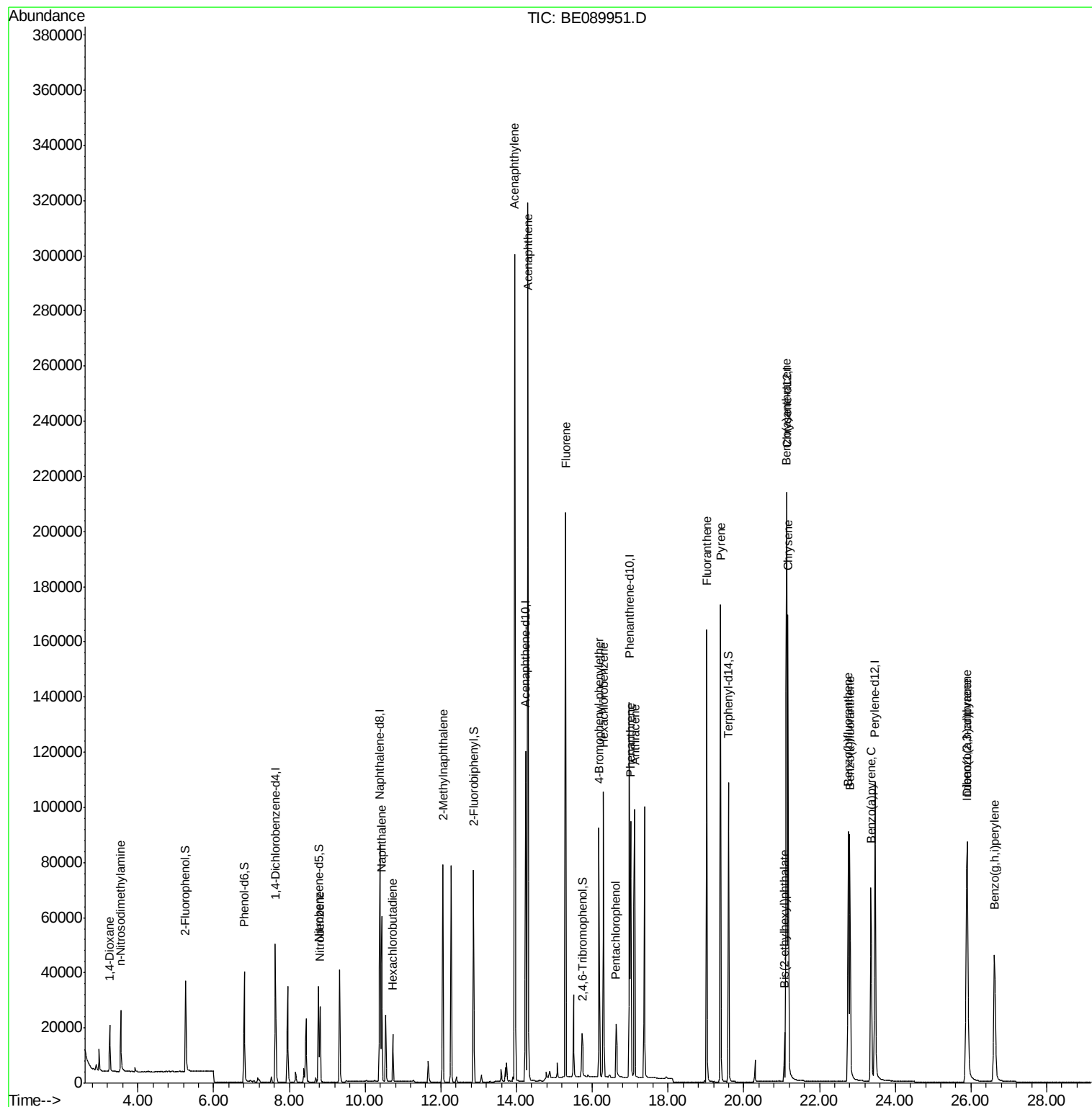
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	23650	5.00	ng	0.00
6) Naphthalene-d8	10.39	136	108724	5.00	ng	0.00
12) Acenaphthene-d10	14.24	164	68391	5.00	ng	0.00
18) Phenanthrene-d10	16.98	188	160917	5.00	ng	0.00
25) Chrysene-d12	21.14	240	173698	5.00	ng	0.00
32) Perylene-d12	23.47	264	148407	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.27	112	25320	5.93	ng	0.00
5) Phenol-d6	6.81	99	41192	6.30	ng	0.00
7) Nitrobenzene-d5	8.77	82	28483	3.52	ng	0.00
13) 2,4,6-Tribromophenol	15.74	330	7415	6.22	ng	0.00
14) 2-Fluorobiphenyl	12.86	172	68904	3.46	ng	0.00
27) Terphenyl-d14	19.60	244	109862	3.66	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.26	88	10180	3.60	ng	98
3) n-Nitrosodimethylamine	3.54	42	14030	3.30	ng	99
8) Nitrobenzene	8.81	77	29553	3.44	ng	98
9) Naphthalene	10.44	128	78145	3.23	ng	100
10) Hexachlorobutadiene	10.74	225	11976	3.13	ng	100
11) 2-Methylnaphthalene	12.05	142	54580	3.30	ng	99
15) Acenaphthylene	13.95	152	387198	3.23	ng	100
16) Acenaphthene	14.30	154	58093	3.30	ng	97
17) Fluorene	15.29	166	79145	3.59	ng	98
19) 4-Bromophenyl-phenylether	16.18	248	21764	3.32	ng	96
20) Hexachlorobenzene	16.30	284	93547	3.25	ng	99
21) Pentachlorophenol	16.63	266	10608	6.79	ng	88
22) Phenanthrene	17.01	178	131052	3.25	ng	100
23) Anthracene	17.12	178	128833	3.44	ng	99
24) Fluoranthene	19.02	202	144341	3.29	ng	100
26) Pyrene	19.38	202	151429	3.44	ng	99
28) Benzo(a)anthracene	21.12	228	138646	3.34	ng	98
29) Chrysene	21.17	228	144618	3.19	ng	99
30) Bis(2-ethylhexyl)phthalate	21.07	149	15935	4.50	ng	100
31) Indeno(1,2,3-cd)pyrene	25.88	276	123208	3.70	ng	# 100
33) Benzo(b)fluoranthene	22.75	252	115248	3.67	ng	99
34) Benzo(k)fluoranthene	22.80	252	126376	3.55	ng	99
35) Benzo(a)pyrene	23.36	252	106977	3.83	ng	99
36) Dibenzo(a,h)anthracene	25.90	278	100347	3.87	ng	100
37) Benzo(g,h,i)perylene	26.62	276	104084	3.73	ng	100

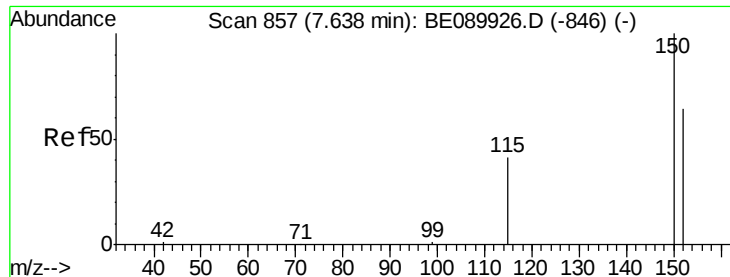
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE089951.D

Acq: 26 Jun 2015 20:10

Instrument :

BNA_E

ClientSampleId :

PB84222BS

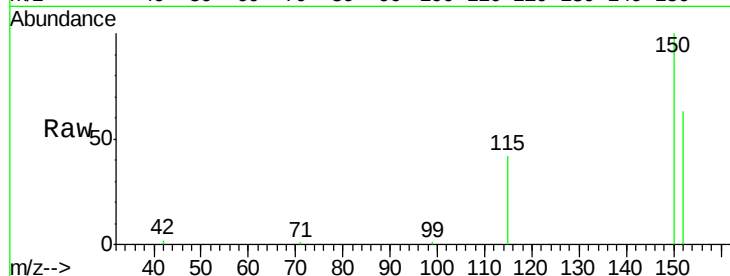
Tgt Ion:152 Resp: 23650

Ion Ratio Lower Upper

152 100

150 158.7 124.6 186.8

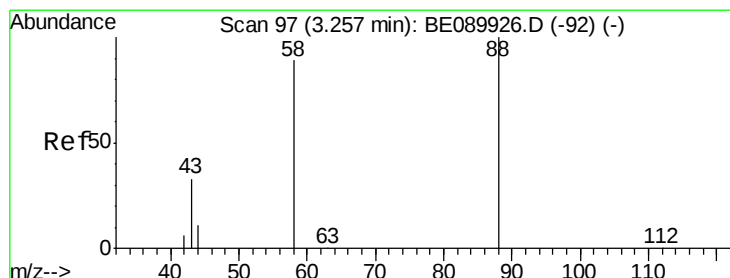
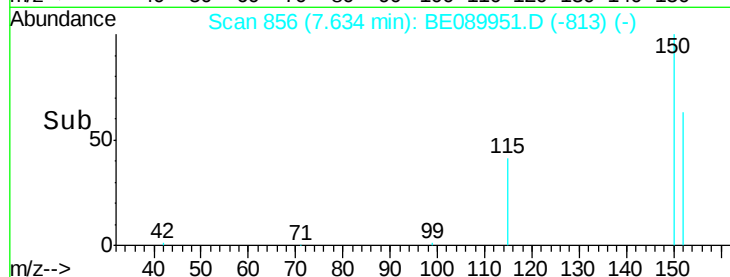
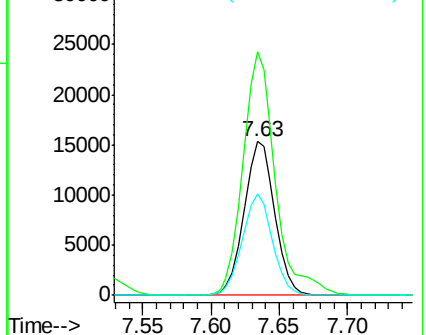
115 65.9 51.6 77.4



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



#2

1,4-Dioxane

Concen: 3.60 ng

RT: 3.26 min Scan# 97

Delta R.T. 0.00 min

Lab File: BE089951.D

Acq: 26 Jun 2015 20:10

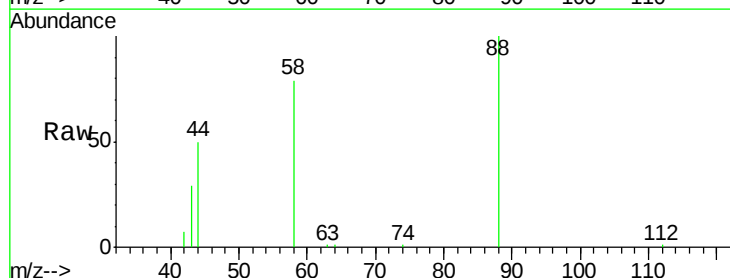
Tgt Ion: 88 Resp: 10180

Ion Ratio Lower Upper

88 100

58 86.1 70.8 106.2

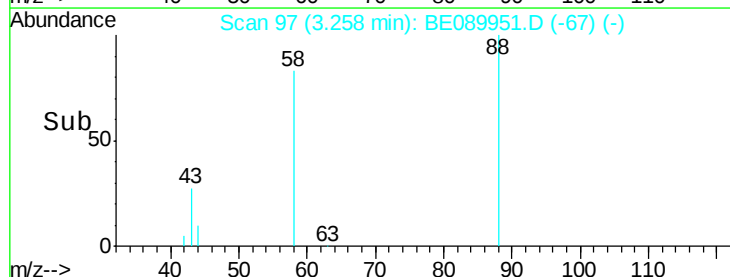
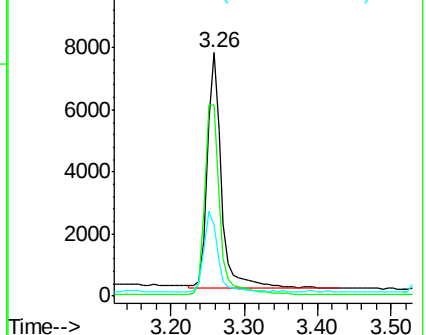
43 34.1 26.8 40.2

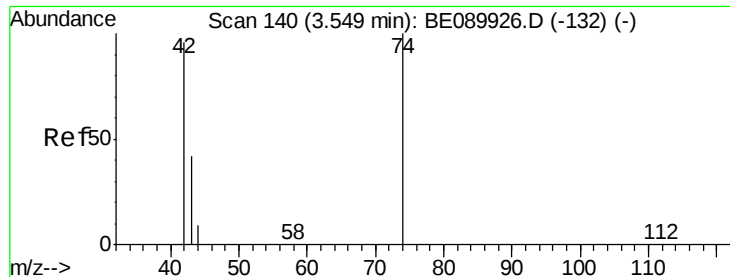


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



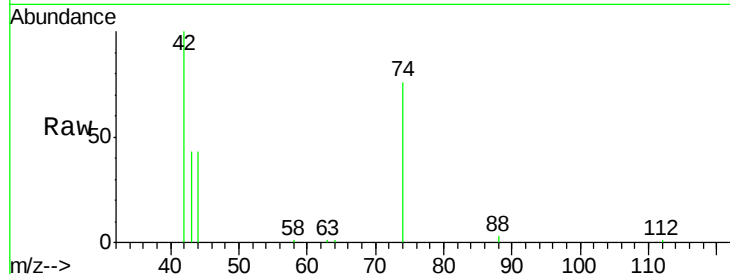


#3

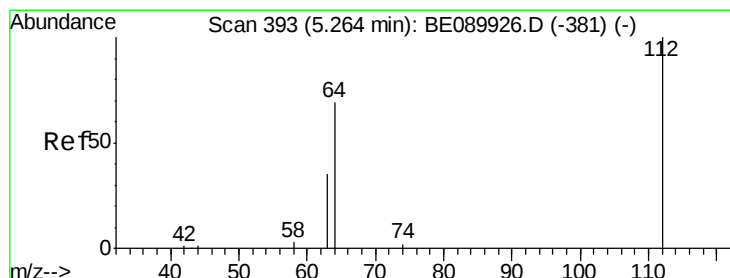
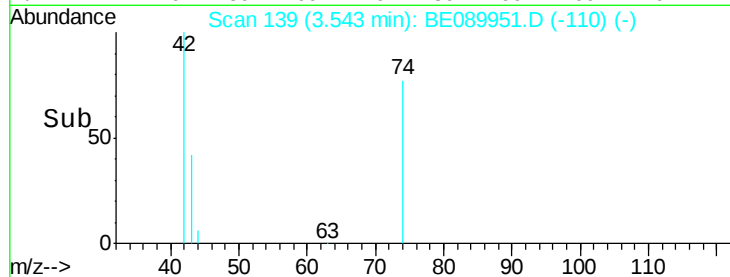
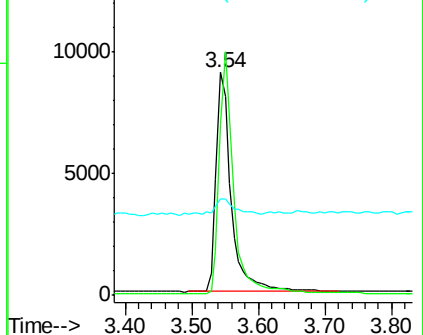
n-Nitrosodimethylamine
 Concen: 3.30 ng
 RT: 3.54 min Scan# 139
 Delta R.T. -0.01 min
 Lab File: BE089951.D
 Acq: 26 Jun 2015 20:10

Instrument :
 BNA_E
 ClientSampleId :
 PB84222BS

Tgt Ion: 42 Resp: 14030
 Ion Ratio Lower Upper
 42 100
 74 105.5 85.4 128.2
 44 9.2 8.4 12.6



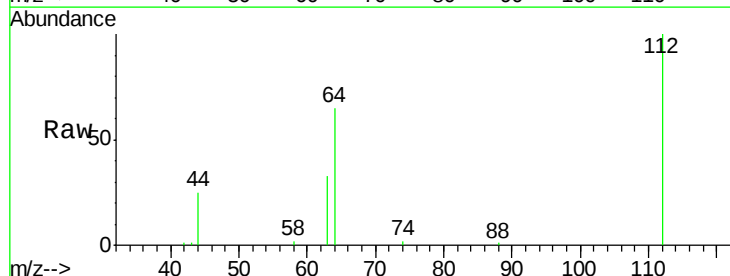
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



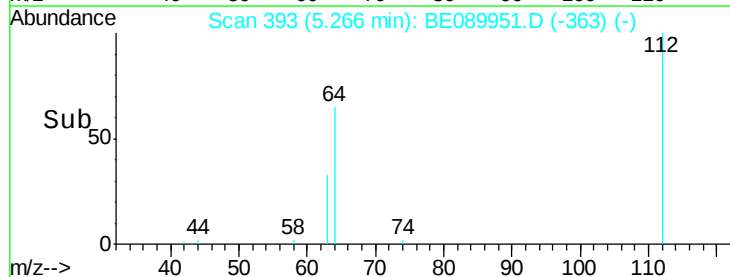
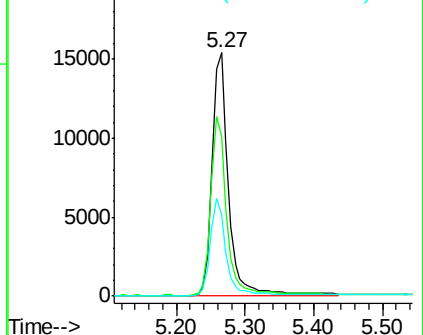
#4

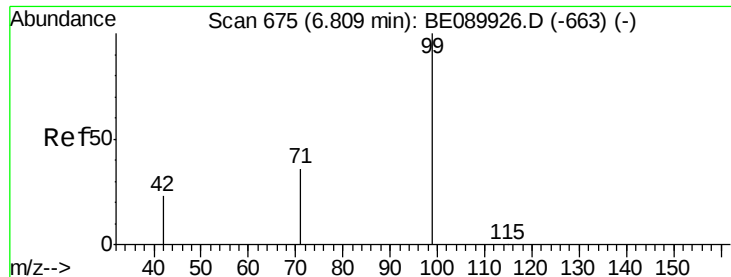
2-Fluorophenol
 Concen: 5.93 ng
 RT: 5.27 min Scan# 393
 Delta R.T. 0.00 min
 Lab File: BE089951.D
 Acq: 26 Jun 2015 20:10

Tgt Ion: 112 Resp: 25320
 Ion Ratio Lower Upper
 112 100
 64 72.3 57.4 86.2
 63 38.0 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: 6.30 ng

RT: 6.81 min Scan# 675

Delta R.T. 0.00 min

Lab File: BE089951.D

Acq: 26 Jun 2015 20:10

Instrument :

BNA_E

ClientSampleId :

PB84222BS

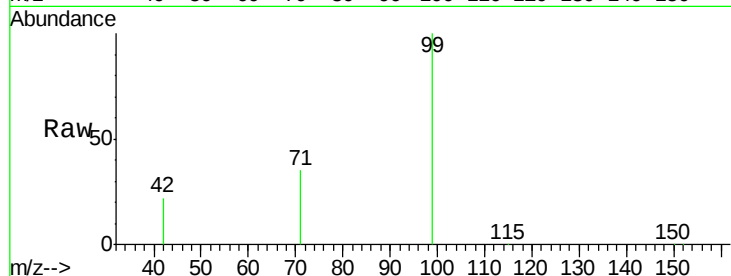
Tgt Ion: 99 Resp: 41192

Ion Ratio Lower Upper

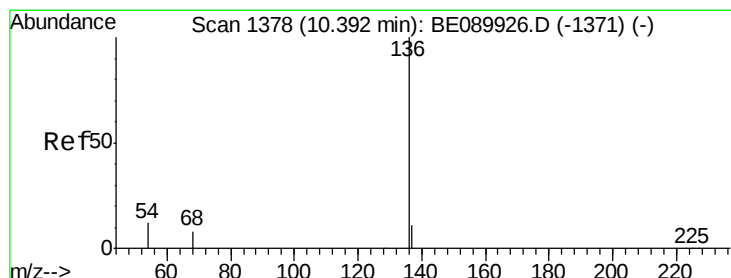
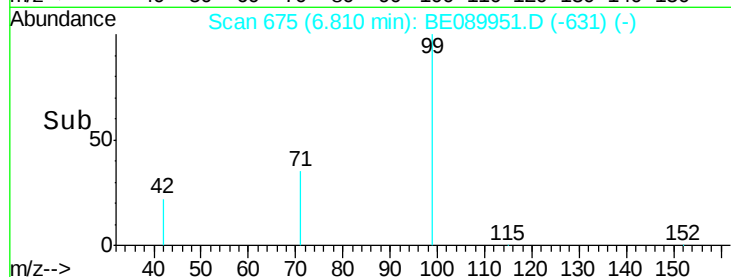
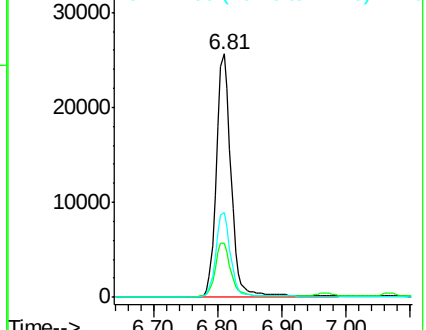
99 100

42 23.3 19.5 29.3

71 34.9 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: BE089951.D

Acq: 26 Jun 2015 20:10

Tgt Ion: 136 Resp: 108724

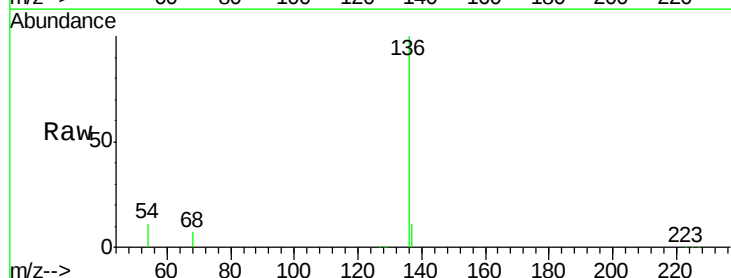
Ion Ratio Lower Upper

136 100

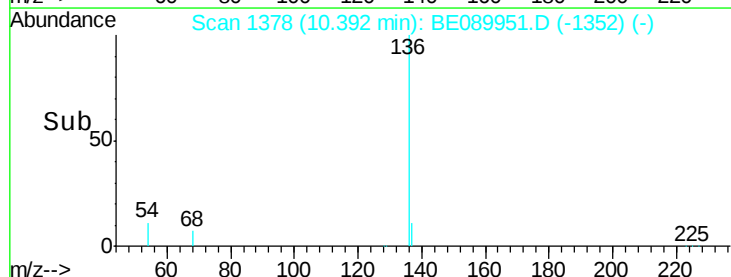
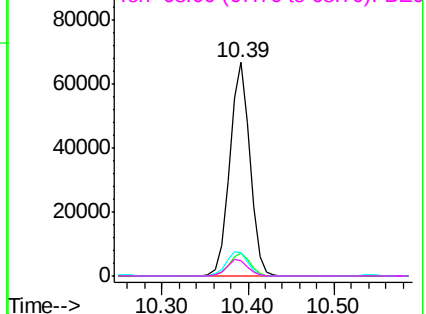
137 11.0 8.7 13.1

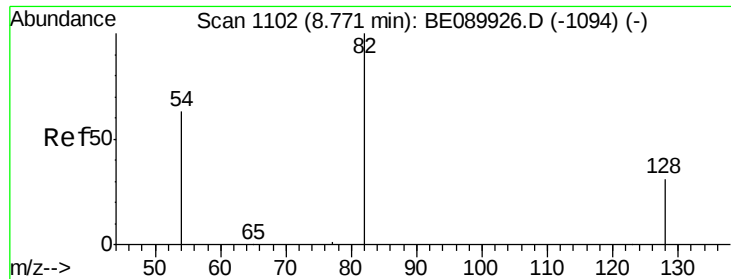
54 10.9 9.7 14.5

68 7.5 6.5 9.7



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BE0
Ion 68.00 (67.70 to 68.70): BE0





#7

Nitrobenzene-d5

Concen: 3.52 ng

RT: 8.77 min Scan# 1102

Delta R.T. -0.00 min

Lab File: BE089951.D

Acq: 26 Jun 2015 20:10

Instrument :

BNA_E

ClientSampleId :

PB84222BS

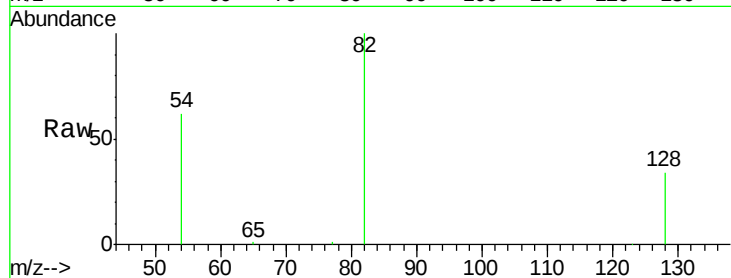
Tgt Ion: 82 Resp: 28483

Ion Ratio Lower Upper

82 100

128 33.7 25.6 38.4

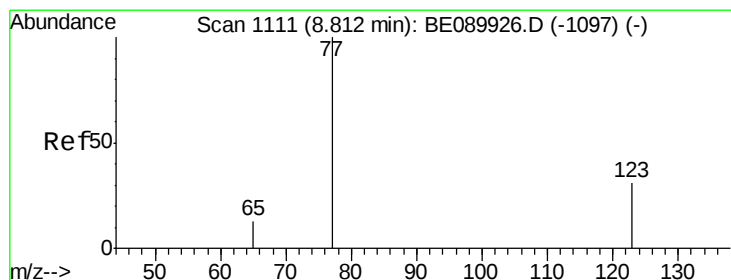
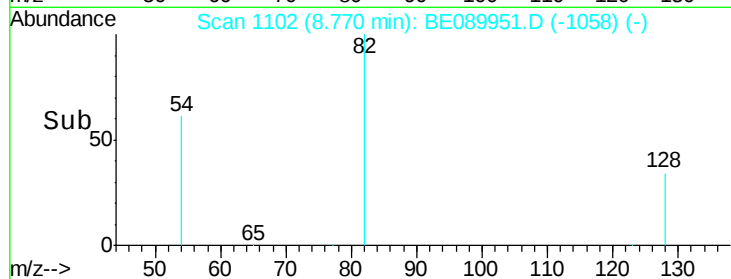
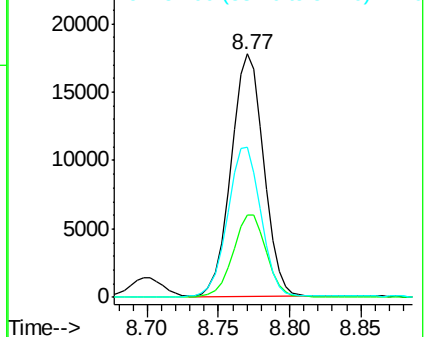
54 61.5 51.2 76.8



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: 3.44 ng

RT: 8.81 min Scan# 1111

Delta R.T. -0.00 min

Lab File: BE089951.D

Acq: 26 Jun 2015 20:10

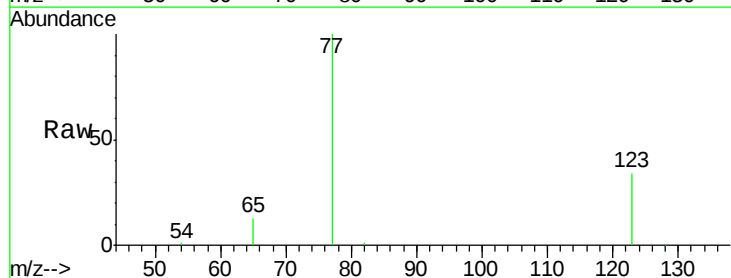
Tgt Ion: 77 Resp: 29553

Ion Ratio Lower Upper

77 100

123 34.7 26.6 39.8

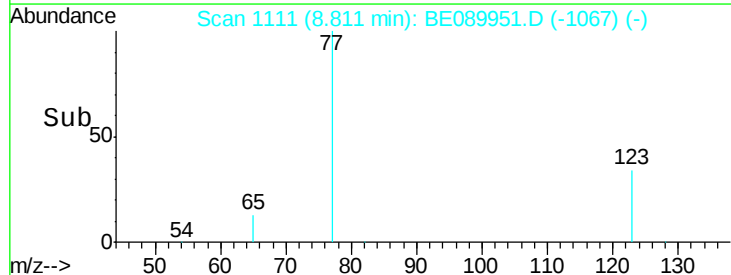
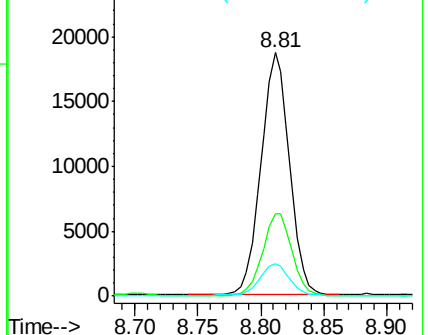
65 13.3 10.2 15.4

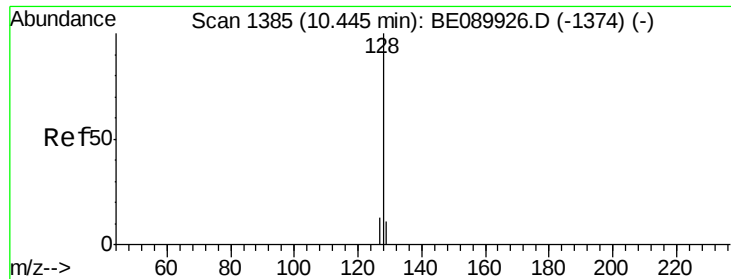


Abundance Ion 77.00 (76.70 to 77.70): BE0

Ion 123.00 (122.70 to 123.70): BE0

Ion 65.00 (64.70 to 65.70): BE0





#9

Naphthalene

Concen: 3.23 ng

RT: 10.44 min Scan# 1384

Delta R.T. -0.01 min

Lab File: BE089951.D

Acq: 26 Jun 2015 20:10

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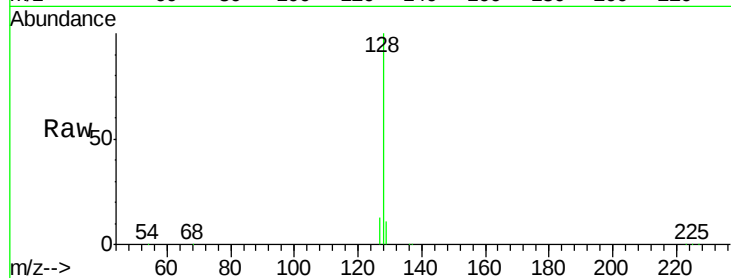
Tgt Ion:128 Resp: 78145

Ion Ratio Lower Upper

128 100

129 10.9 8.9 13.3

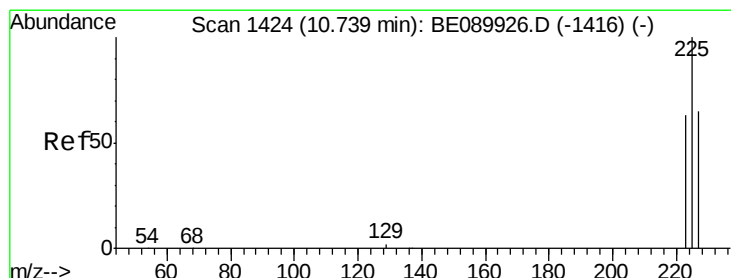
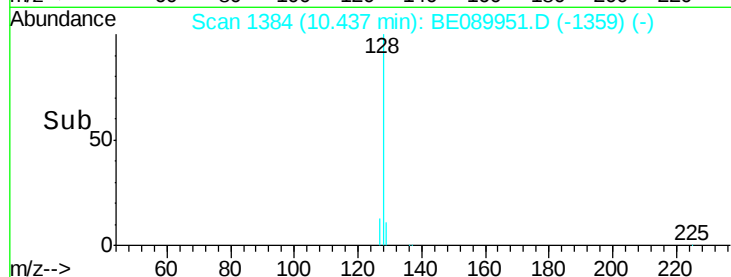
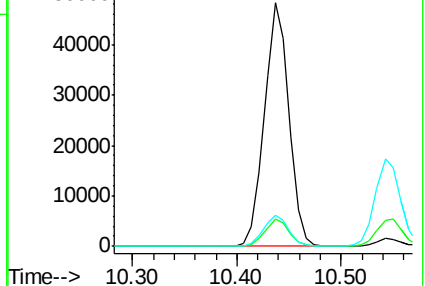
127 13.0 10.2 15.4



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: 3.13 ng

RT: 10.74 min Scan# 1424

Delta R.T. -0.00 min

Lab File: BE089951.D

Acq: 26 Jun 2015 20:10

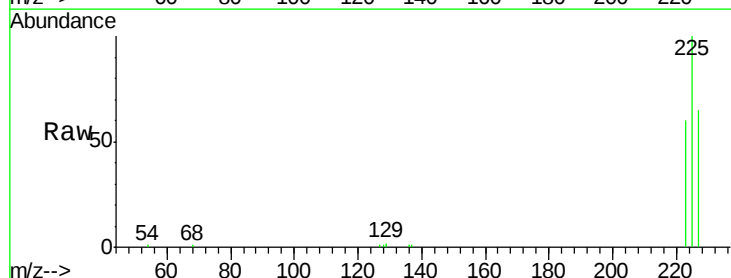
Tgt Ion:225 Resp: 11976

Ion Ratio Lower Upper

225 100

223 62.6 50.0 75.0

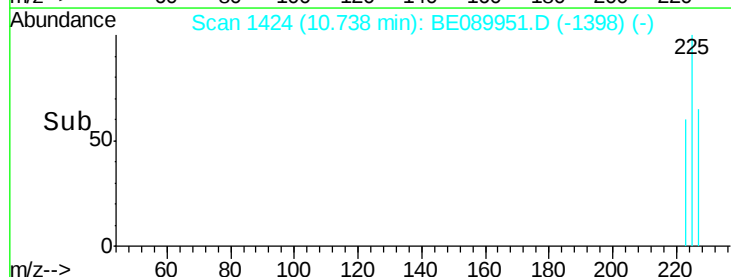
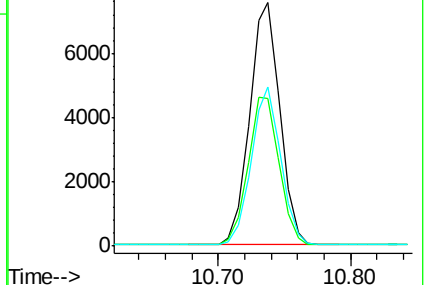
227 63.3 50.7 76.1

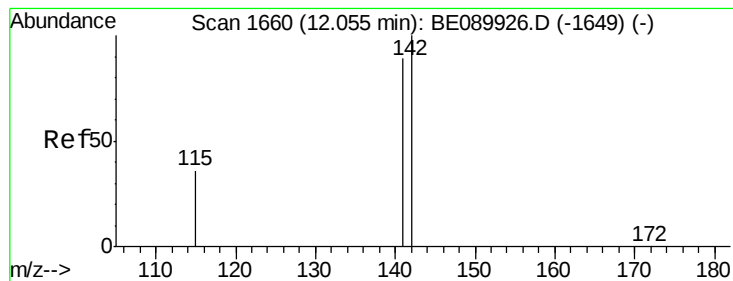


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene

Concen: 3.30 ng

RT: 12.05 min Scan# 1660

Delta R.T. -0.00 min

Lab File: BE089951.D

Acq: 26 Jun 2015 20:10

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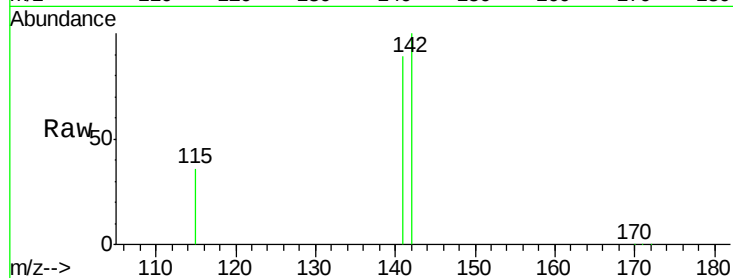
Tgt Ion:142 Resp: 54580

Ion Ratio Lower Upper

142 100

141 88.5 71.1 106.7

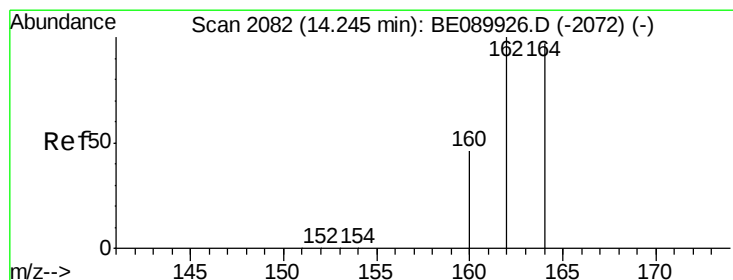
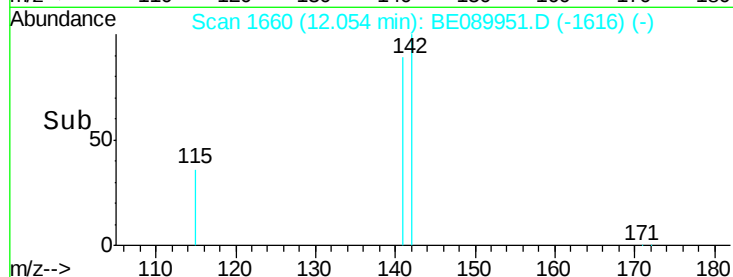
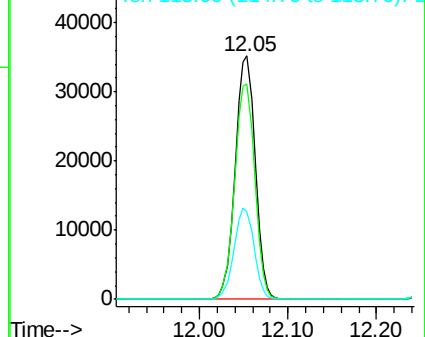
115 35.9 29.1 43.7



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: BE089951.D

Acq: 26 Jun 2015 20:10

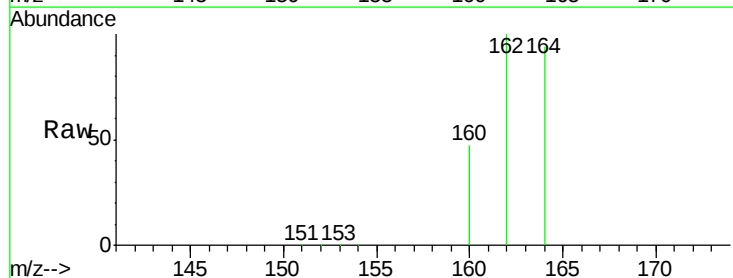
Tgt Ion:164 Resp: 68391

Ion Ratio Lower Upper

164 100

162 105.9 82.7 124.1

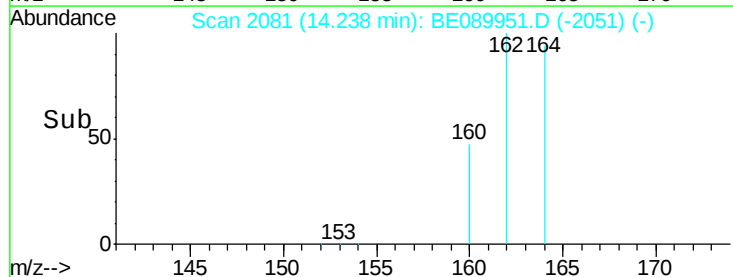
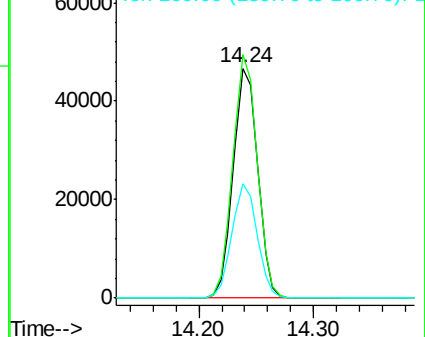
160 49.8 38.3 57.5

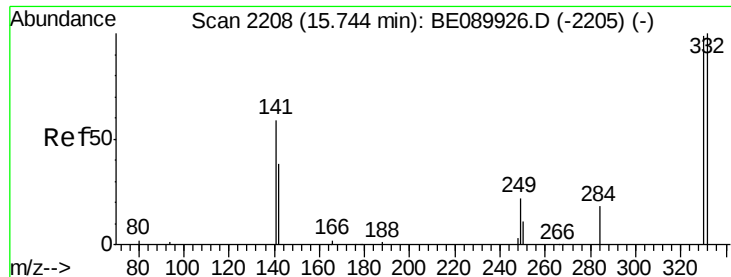


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

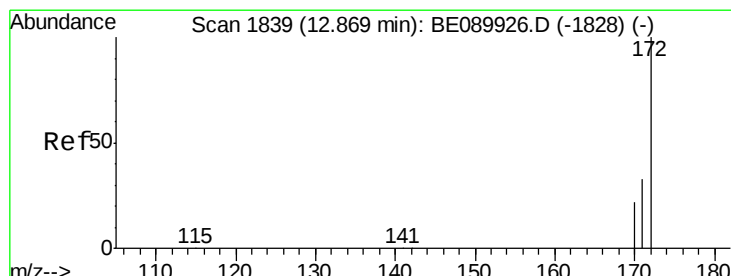
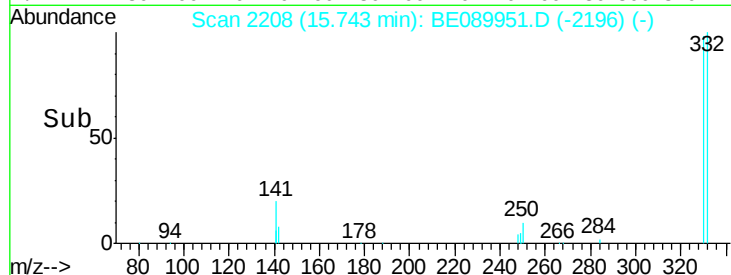
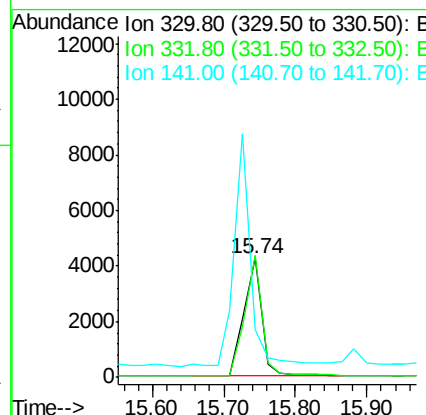
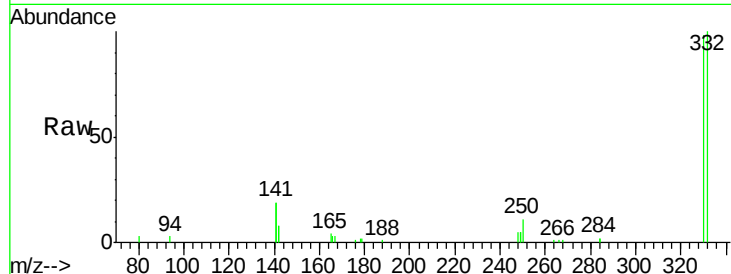




#13
 2,4,6-Tribromophenol
 Concen: 6.22 ng
 RT: 15.74 min Scan# 2208
 Delta R.T. 0.00 min
 Lab File: BE089951.D
 Acq: 26 Jun 2015 20:10

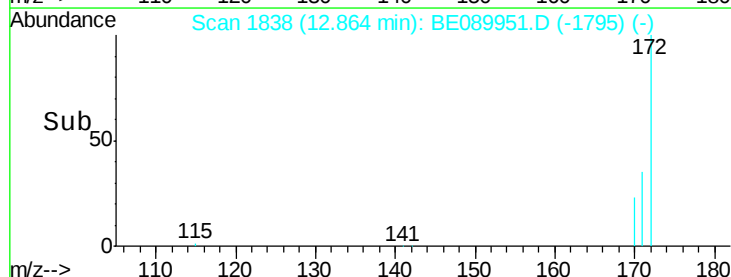
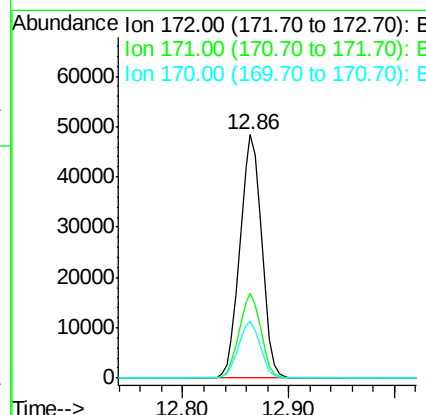
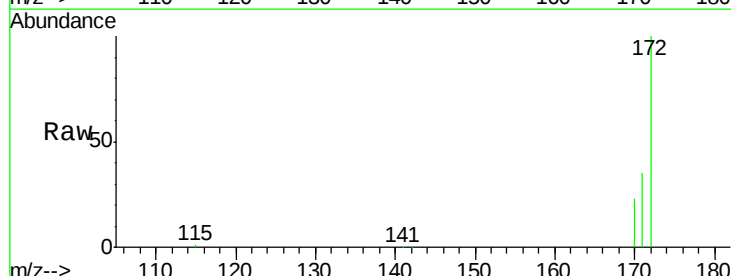
Instrument :
 BNA_E
 ClientSampleId :
 PB84222BS

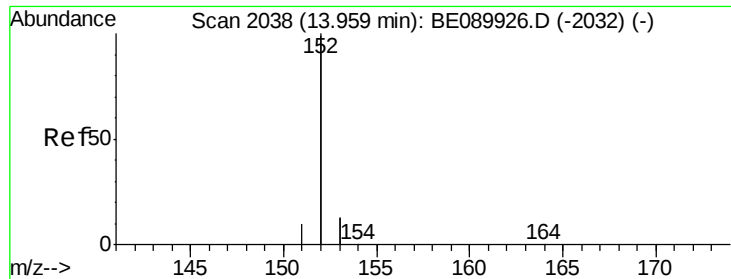
Tgt Ion:330 Resp: 7415
 Ion Ratio Lower Upper
 330 100
 332 98.3 77.9 116.9
 141 180.3 142.8 214.2



#14
 2-Fluorobiphenyl
 Concen: 3.46 ng
 RT: 12.86 min Scan# 1838
 Delta R.T. -0.01 min
 Lab File: BE089951.D
 Acq: 26 Jun 2015 20:10

Tgt Ion:172 Resp: 68904
 Ion Ratio Lower Upper
 172 100
 171 34.8 26.7 40.1
 170 23.4 17.5 26.3





#15

Acenaphthylene

Concen: 3.23 ng

RT: 13.95 min Scan# 2037

Delta R.T. -0.01 min

Lab File: BE089951.D

Acq: 26 Jun 2015 20:10

Instrument :

BNA_E

ClientSampleId :

PB84222BS

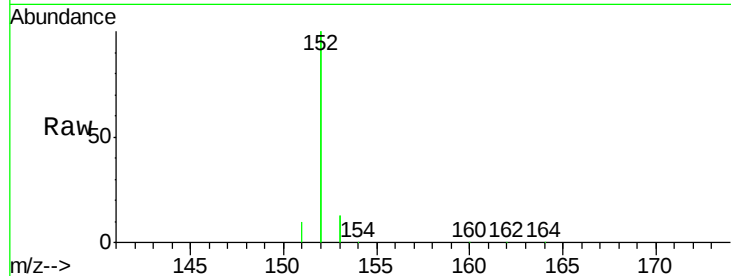
Tgt Ion:152 Resp: 387198

Ion Ratio Lower Upper

152 100

151 4.9 3.9 5.9

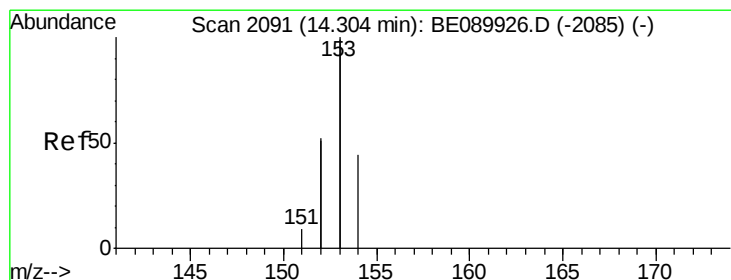
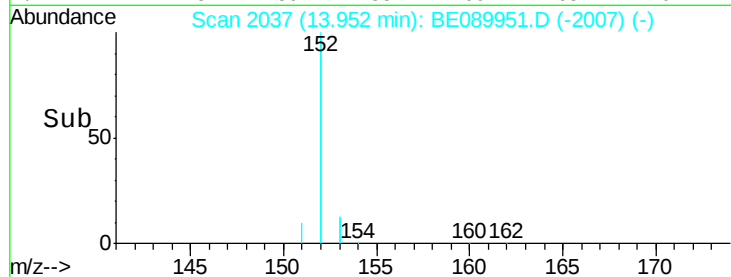
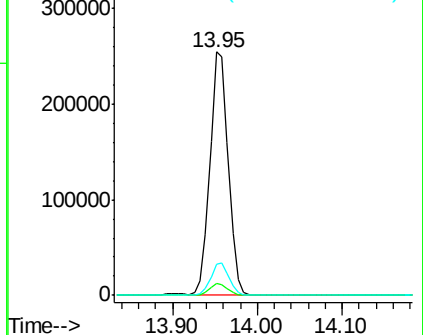
153 13.0 10.4 15.6



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: 3.30 ng

RT: 14.30 min Scan# 2091

Delta R.T. -0.00 min

Lab File: BE089951.D

Acq: 26 Jun 2015 20:10

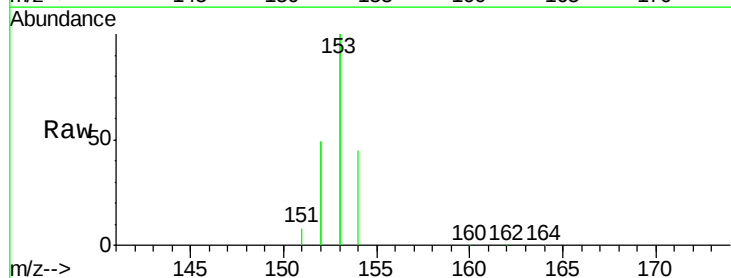
Tgt Ion:154 Resp: 58093

Ion Ratio Lower Upper

154 100

153 446.6 362.8 544.2

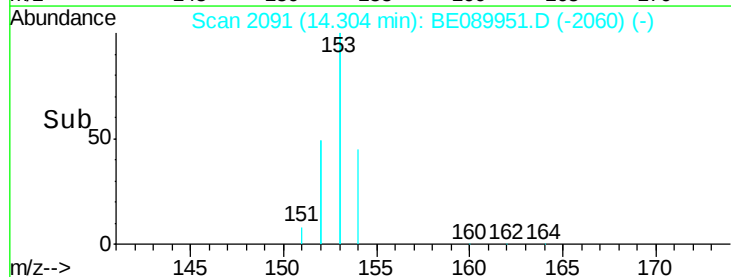
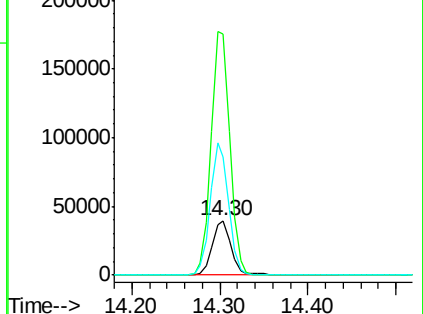
152 236.0 194.6 291.8

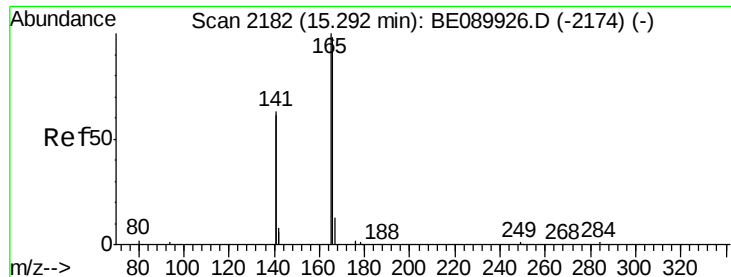


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

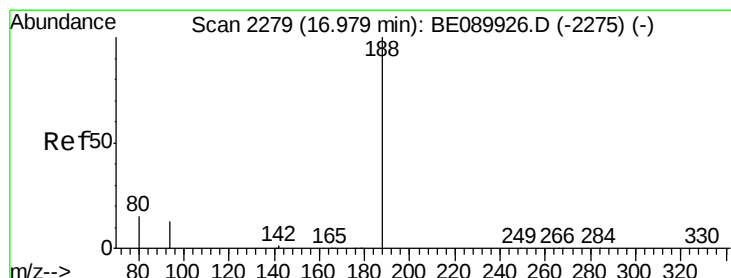
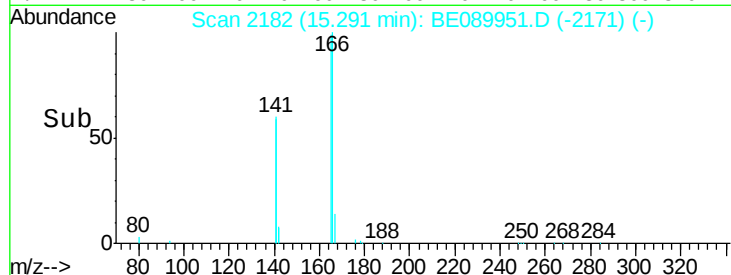
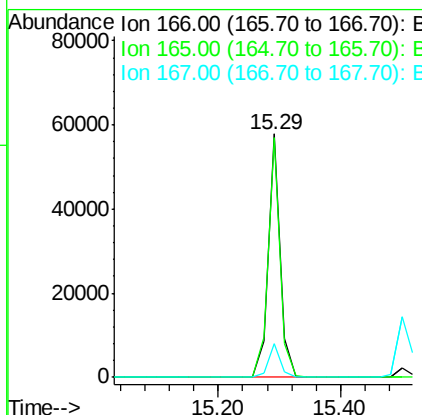
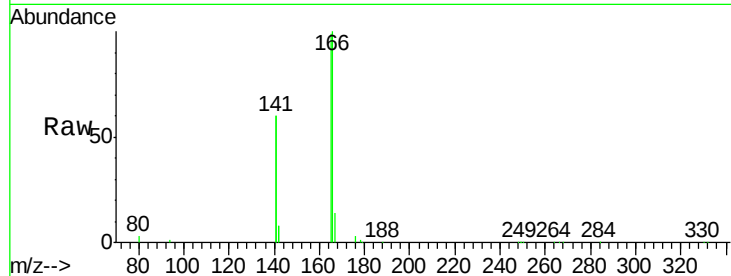




#17
Fluorene
 Concen: 3.59 ng
 RT: 15.29 min Scan# 2182
 Delta R.T. 0.00 min
 Lab File: BE089951.D
 Acq: 26 Jun 2015 20:10

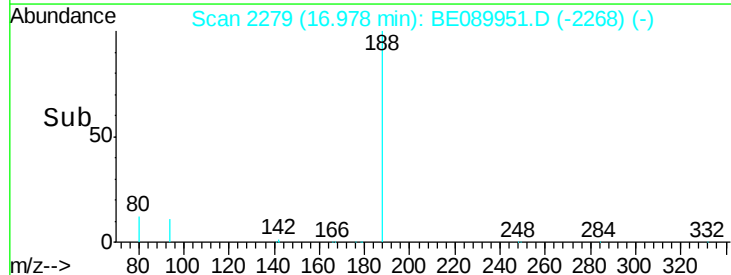
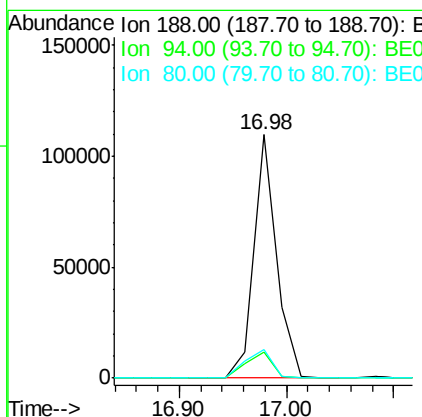
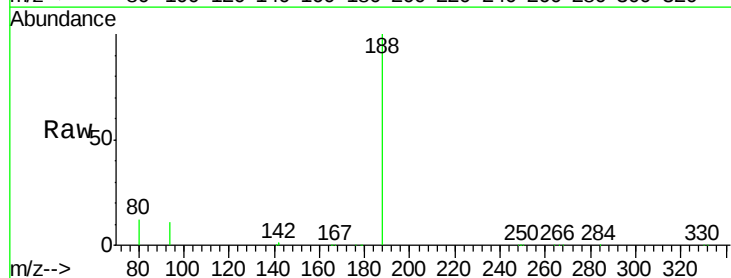
Instrument :
 BNA_E
 ClientSampleId :
 PB84222BS

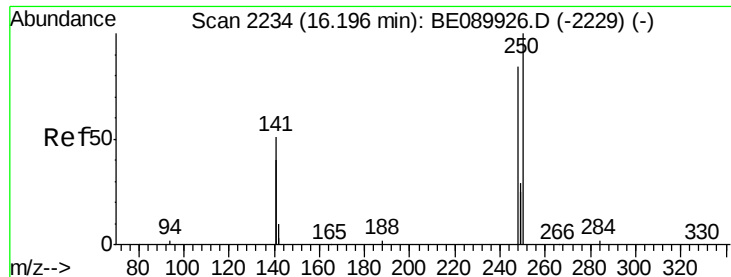
Tgt Ion:166 Resp: 79145
 Ion Ratio Lower Upper
 166 100
 165 99.2 81.1 121.7
 167 14.0 11.8 17.8



#18
Phenanthrene-d10
 Concen: 5.00 ng
 RT: 16.98 min Scan# 2279
 Delta R.T. -0.00 min
 Lab File: BE089951.D
 Acq: 26 Jun 2015 20:10

Tgt Ion:188 Resp: 160917
 Ion Ratio Lower Upper
 188 100
 94 10.8 10.6 16.0
 80 12.0 11.8 17.6





#19

4-Bromophenyl-phenylether

Concen: 3.32 ng

RT: 16.18 min Scan# 2233

Delta R.T. -0.02 min

Lab File: BE089951.D

Acq: 26 Jun 2015 20:10

Instrument :

BNA_E

ClientSampleId :

PB84222BS

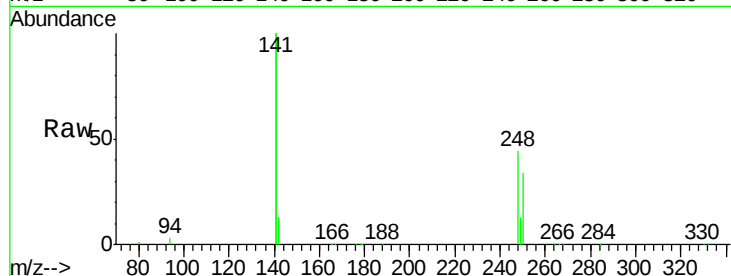
Tgt Ion:248 Resp: 21764

Ion Ratio Lower Upper

248 100

250 97.2 79.3 118.9

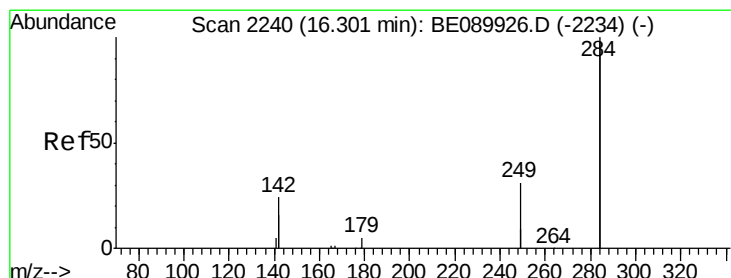
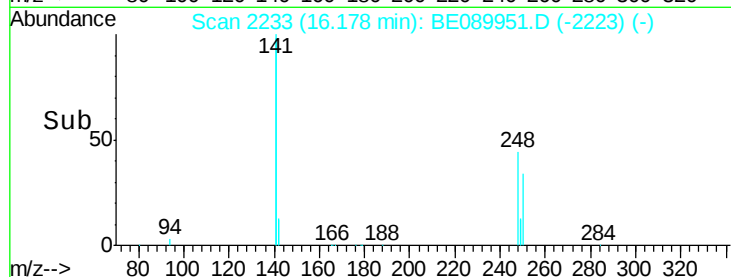
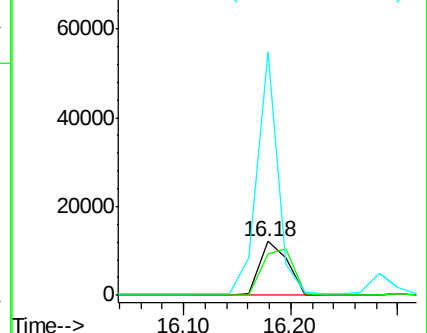
141 331.5 274.1 411.1



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: 3.25 ng

RT: 16.30 min Scan# 2240

Delta R.T. -0.00 min

Lab File: BE089951.D

Acq: 26 Jun 2015 20:10

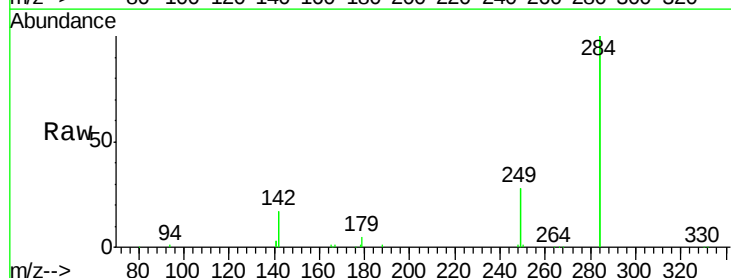
Tgt Ion:284 Resp: 93547

Ion Ratio Lower Upper

284 100

142 41.1 32.0 48.0

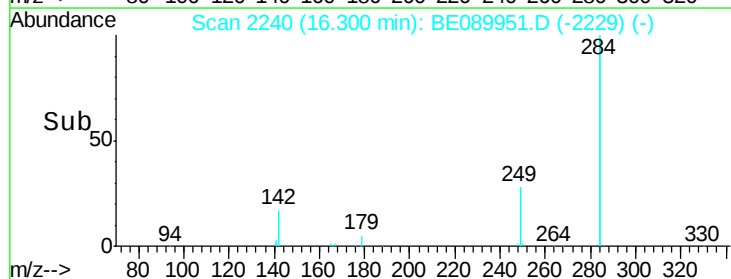
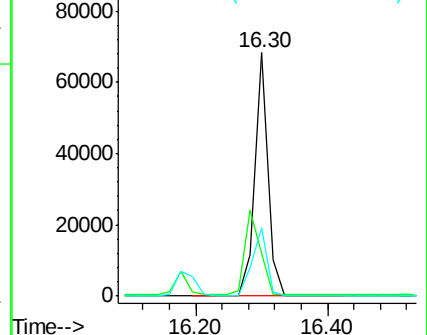
249 31.5 25.0 37.6

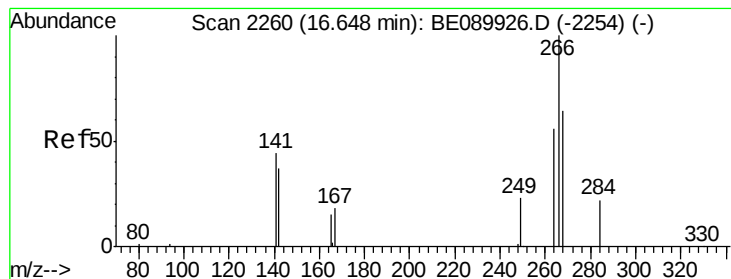


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#21

Pentachlorophenol

Concen: 6.79 ng

RT: 16.63 min Scan# 2259

Delta R.T. -0.02 min

Lab File: BE089951.D

Acq: 26 Jun 2015 20:10

Instrument :

BNA_E

ClientSampleId :

PB84222BS

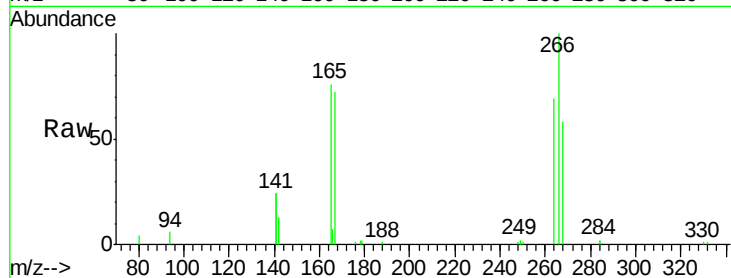
Tgt Ion: 266 Resp: 10608

Ion Ratio Lower Upper

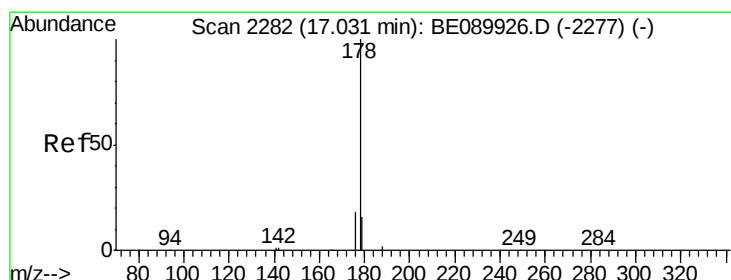
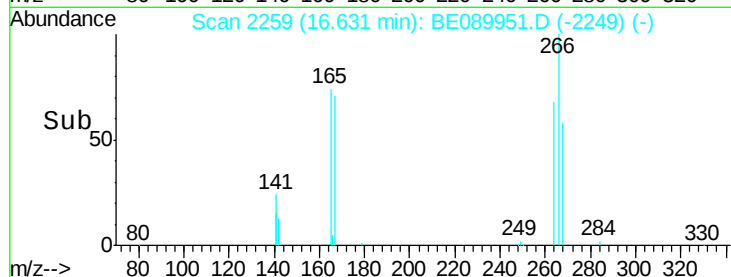
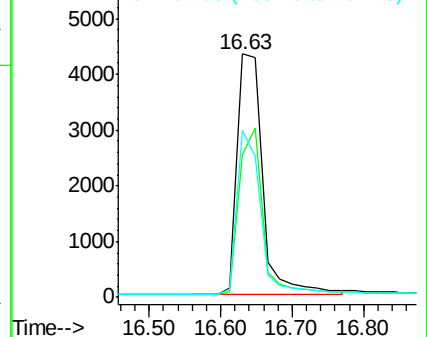
266 100

268 58.5 54.4 81.6

264 68.7 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: 3.25 ng

RT: 17.01 min Scan# 2281

Delta R.T. -0.02 min

Lab File: BE089951.D

Acq: 26 Jun 2015 20:10

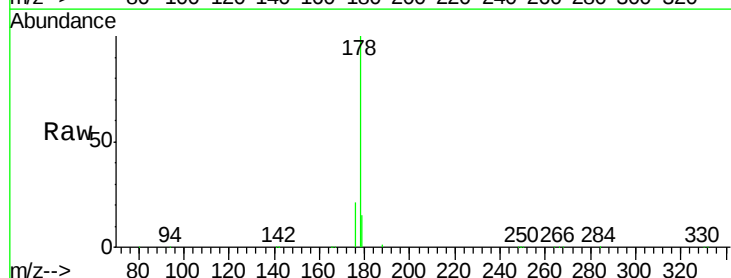
Tgt Ion: 178 Resp: 131052

Ion Ratio Lower Upper

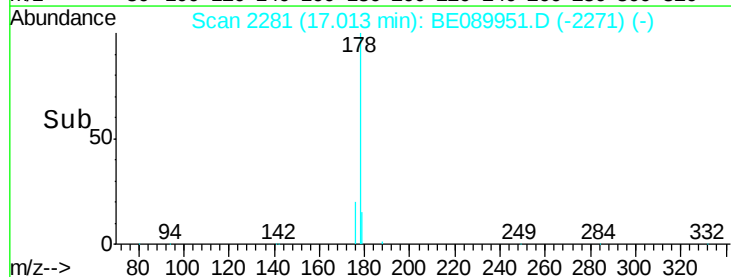
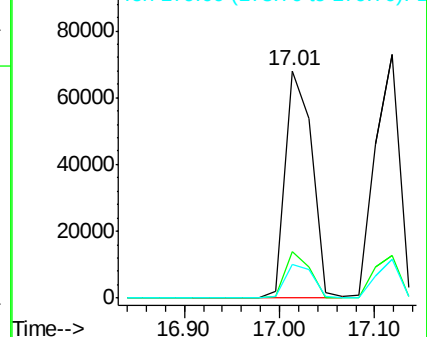
178 100

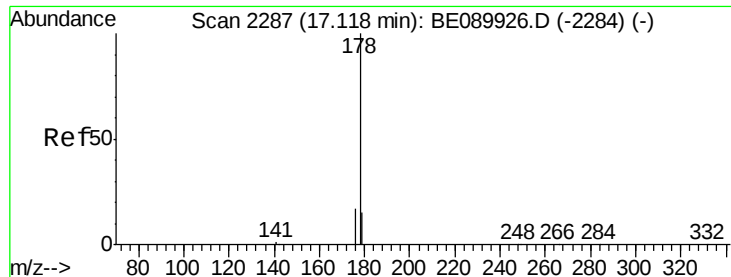
176 19.3 15.4 23.2

179 15.4 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: 3.44 ng

RT: 17.12 min Scan# 2287

Delta R.T. -0.00 min

Lab File: BE089951.D

Acq: 26 Jun 2015 20:10

Instrument :

BNA_E

ClientSampleId :

PB84222BS

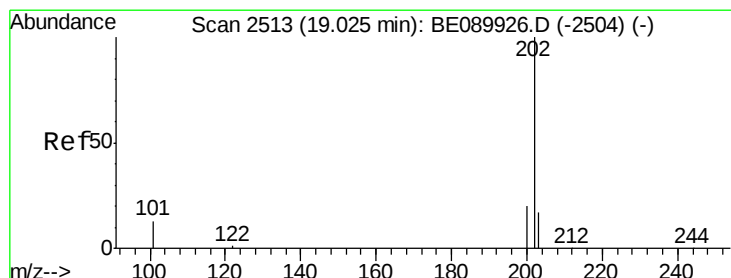
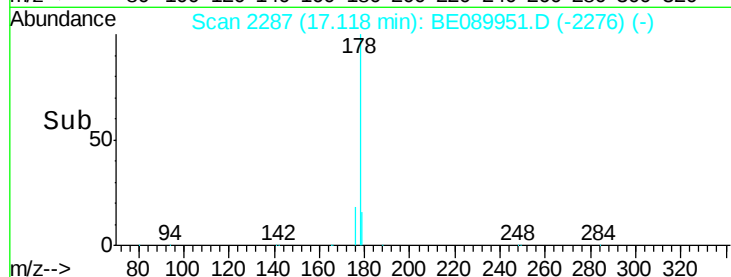
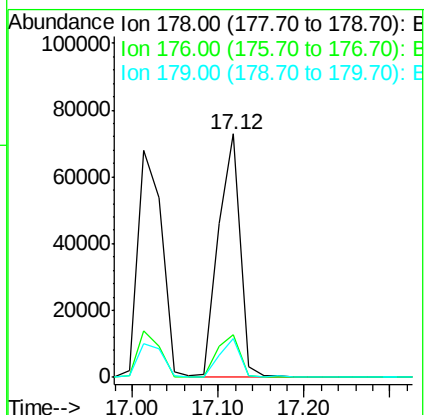
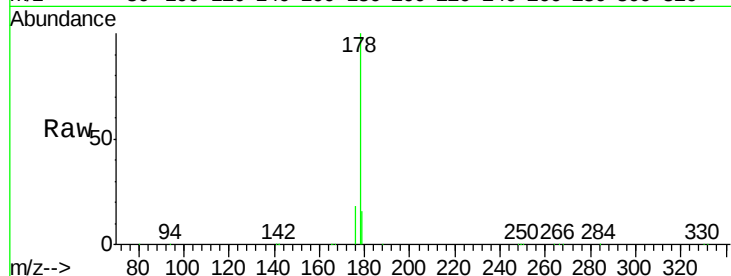
Tgt Ion:178 Resp: 128833

Ion Ratio Lower Upper

178 100

176 18.7 14.6 21.8

179 15.5 12.3 18.5



#24

Fluoranthene

Concen: 3.29 ng

RT: 19.02 min Scan# 2513

Delta R.T. -0.00 min

Lab File: BE089951.D

Acq: 26 Jun 2015 20:10

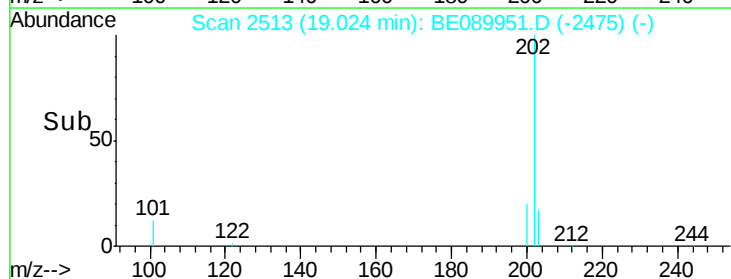
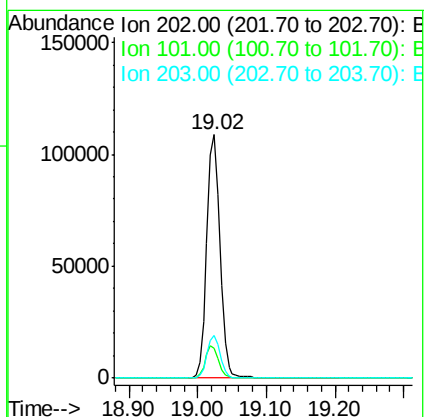
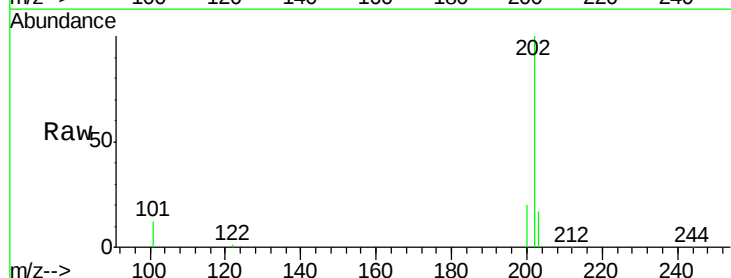
Tgt Ion:202 Resp: 144341

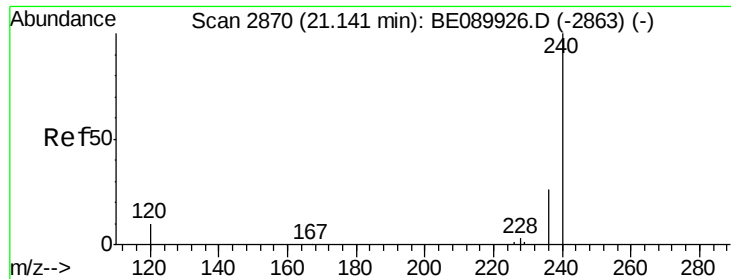
Ion Ratio Lower Upper

202 100

101 13.1 10.6 16.0

203 17.3 13.8 20.8





#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.14 min Scan# 2870

Delta R.T. -0.01 min

Lab File: BE089951.D

Acq: 26 Jun 2015 20:10

Instrument :

BNA_E

ClientSampleId :

PB84222BS

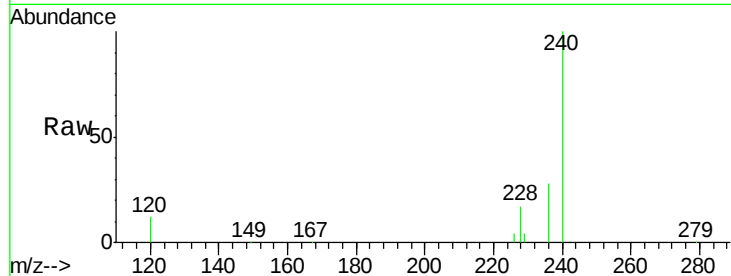
Tgt Ion:240 Resp: 173698

Ion Ratio Lower Upper

240 100

120 11.7 7.9 11.9

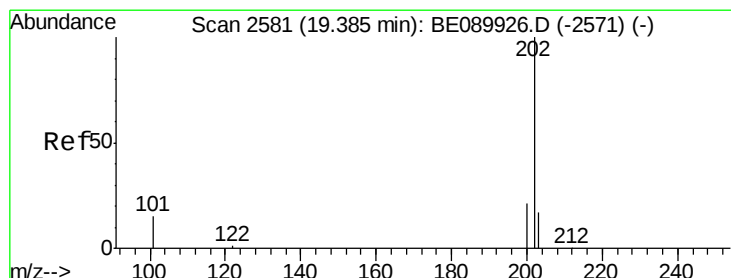
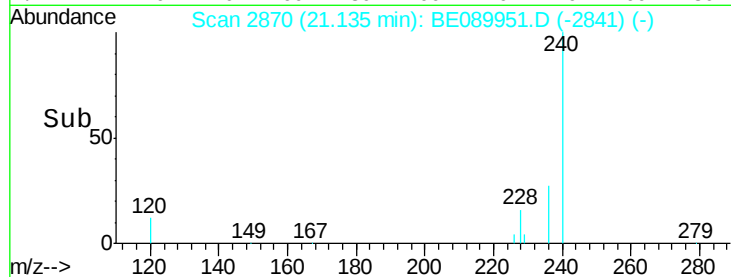
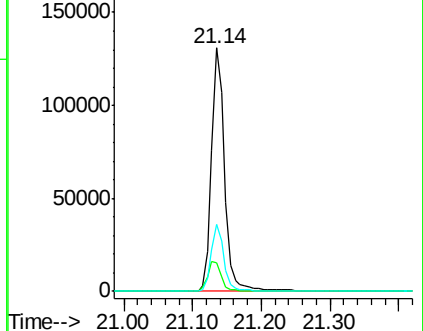
236 27.5 21.2 31.8



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: 3.44 ng

RT: 19.38 min Scan# 2581

Delta R.T. -0.00 min

Lab File: BE089951.D

Acq: 26 Jun 2015 20:10

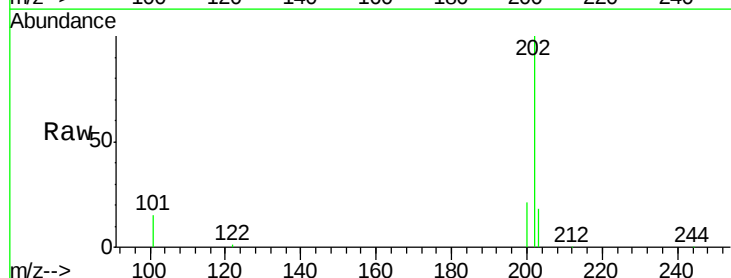
Tgt Ion:202 Resp: 151429

Ion Ratio Lower Upper

202 100

200 21.1 16.6 25.0

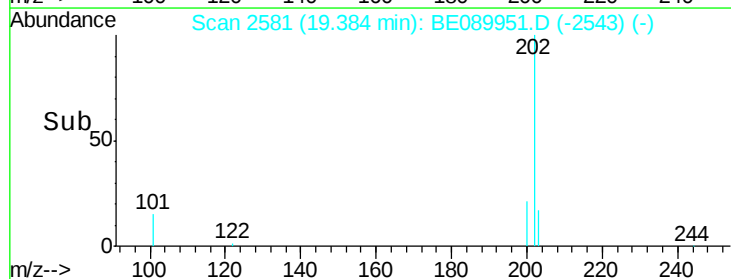
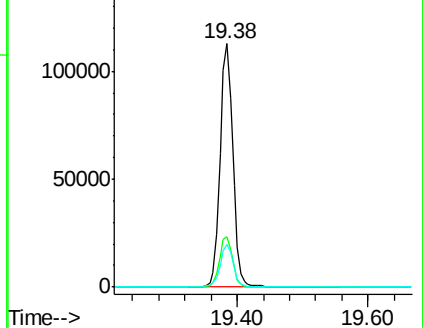
203 17.9 13.9 20.9

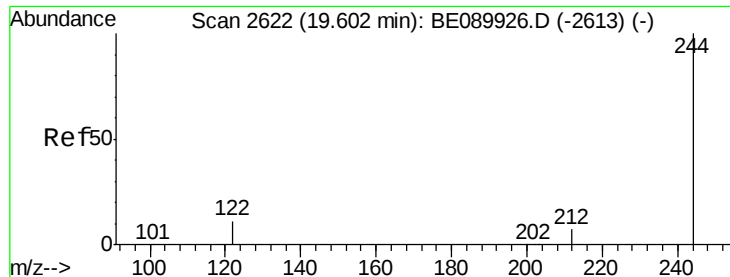


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

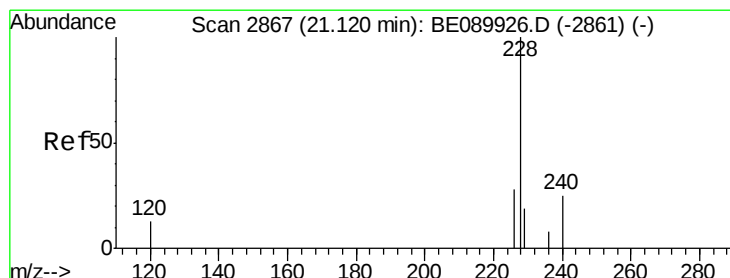
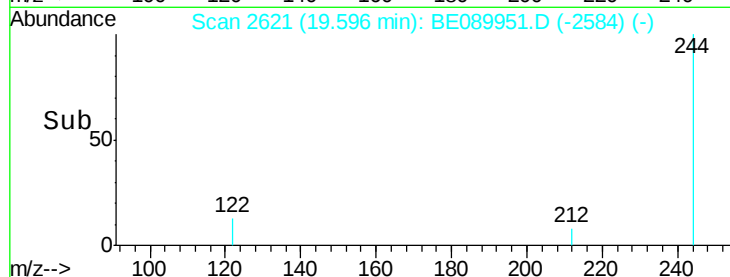
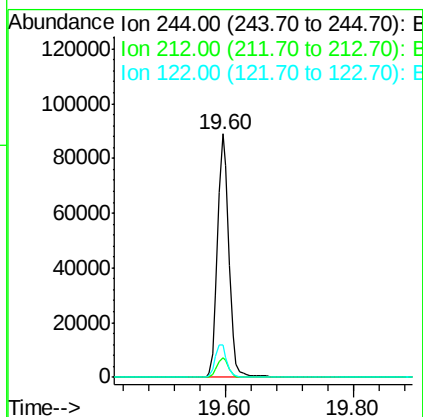
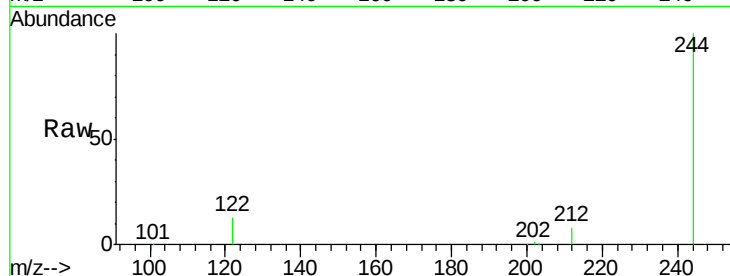




#27
 Terphenyl-d14
 Concen: 3.66 ng
 RT: 19.60 min Scan# 2621
 Delta R.T. -0.01 min
 Lab File: BE089951.D
 Acq: 26 Jun 2015 20:10

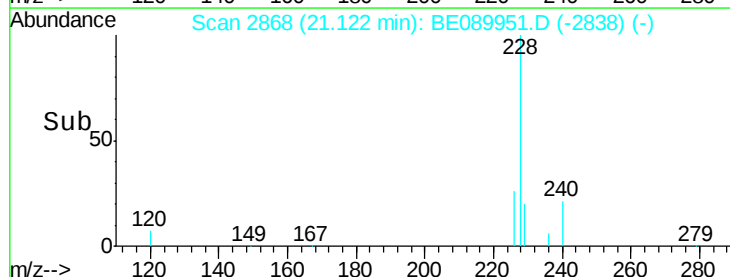
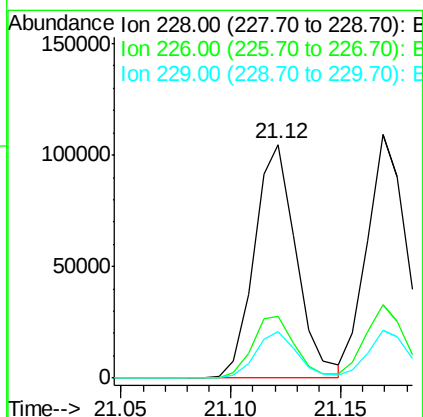
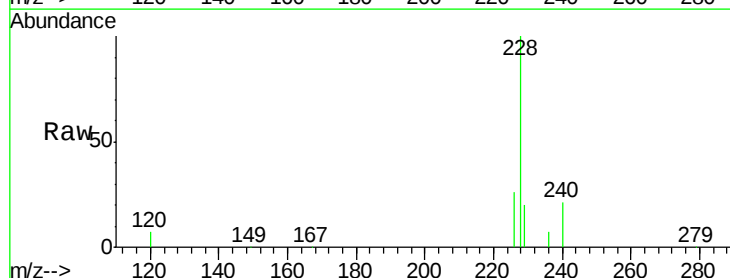
Instrument :
 BNA_E
 ClientSampleId :
 PB84222BS

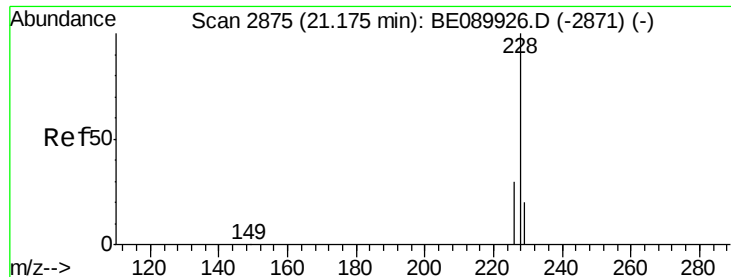
Tgt Ion: 244 Resp: 109862
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.1 9.1
 122 13.1 8.7 13.1#



#28
 Benzo(a)anthracene
 Concen: 3.34 ng
 RT: 21.12 min Scan# 2868
 Delta R.T. 0.00 min
 Lab File: BE089951.D
 Acq: 26 Jun 2015 20:10

Tgt Ion: 228 Resp: 138646
 Ion Ratio Lower Upper
 228 100
 226 26.4 22.2 33.4
 229 19.9 15.3 22.9





#29

Chrysene

Concen: 3.19 ng

RT: 21.17 min Scan# 2875

Delta R.T. -0.01 min

Lab File: BE089951.D

Acq: 26 Jun 2015 20:10

Instrument :

BNA_E

ClientSampleId :

PB84222BS

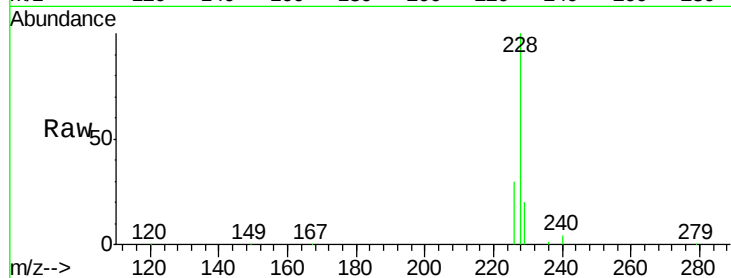
Tgt Ion:228 Resp: 144618

Ion Ratio Lower Upper

228 100

226 30.3 23.7 35.5

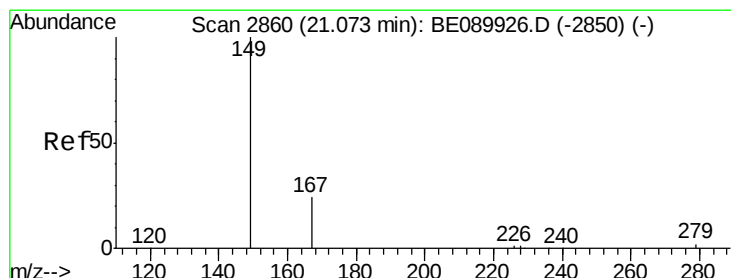
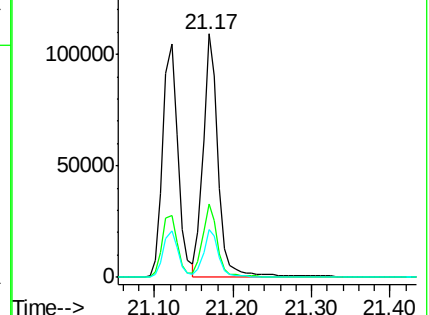
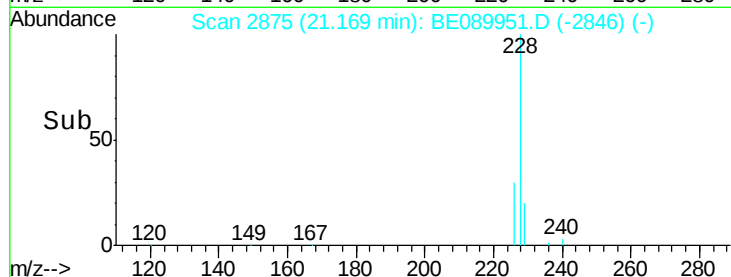
229 19.6 15.8 23.8



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: 4.50 ng

RT: 21.07 min Scan# 2861

Delta R.T. 0.00 min

Lab File: BE089951.D

Acq: 26 Jun 2015 20:10

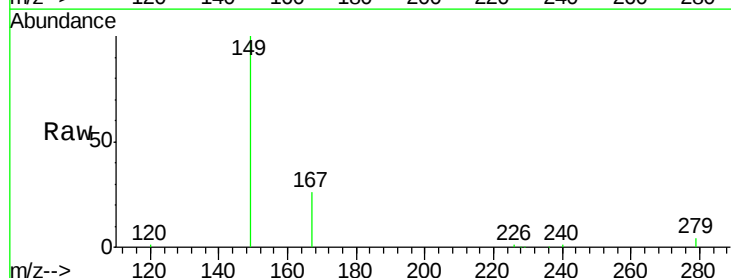
Tgt Ion:149 Resp: 15935

Ion Ratio Lower Upper

149 100

167 25.4 20.3 30.5

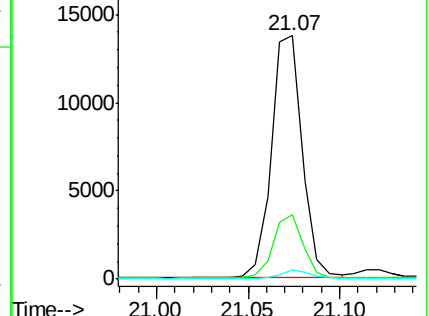
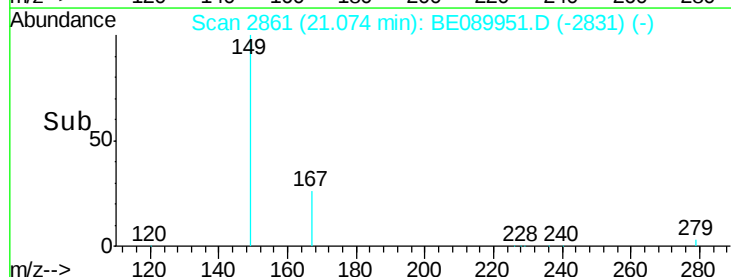
279 3.0 2.7 4.1

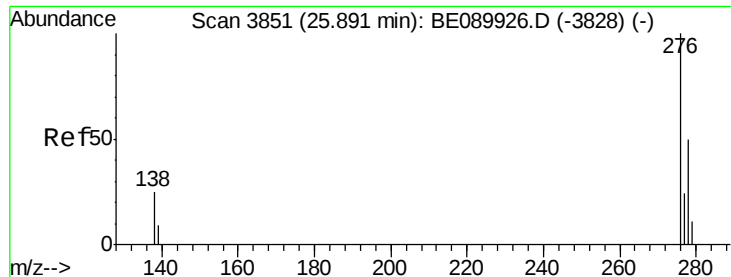


Abundance Ion 149.00 (148.70 to 149.70): E

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: 3.70 ng

RT: 25.88 min Scan# 3849

Delta R.T. -0.01 min

Lab File: BE089951.D

Acq: 26 Jun 2015 20:10

Instrument :

BNA_E

ClientSampleId :

PB84222BS

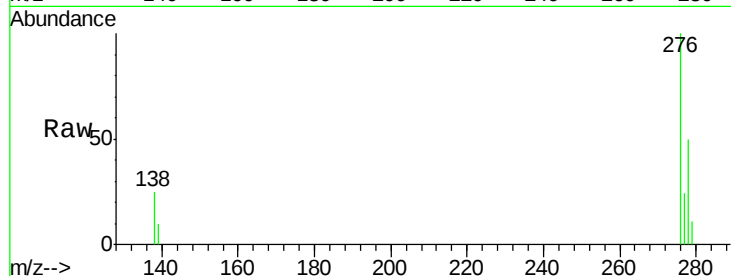
Tgt Ion: 276 Resp: 123208

Ion Ratio Lower Upper

276 100

138 27.0 0.0 0.0#

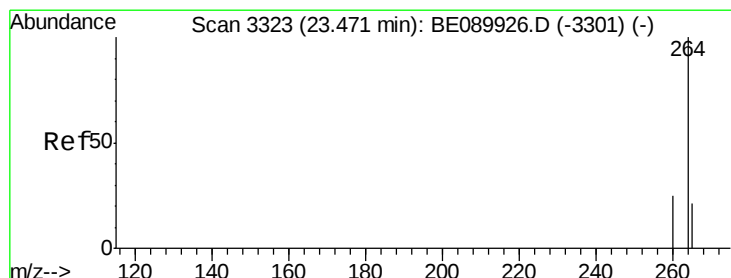
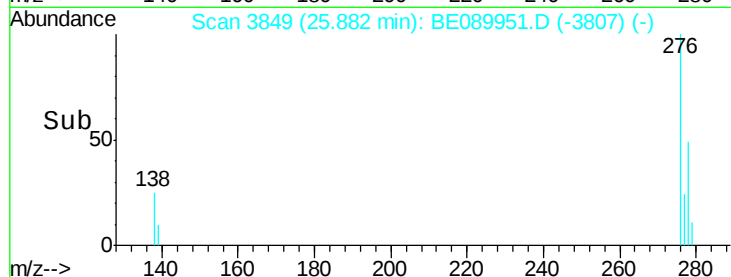
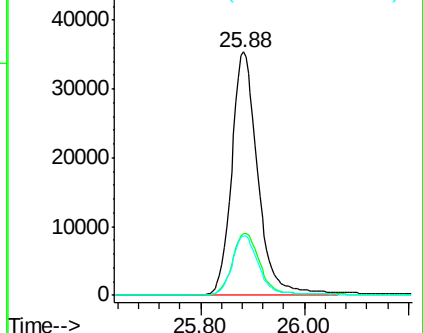
277 24.8 0.0 0.0#



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# 3322

Delta R.T. -0.01 min

Lab File: BE089951.D

Acq: 26 Jun 2015 20:10

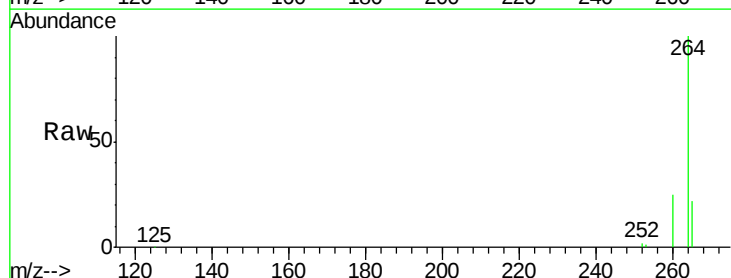
Tgt Ion: 264 Resp: 148407

Ion Ratio Lower Upper

264 100

260 24.9 19.8 29.6

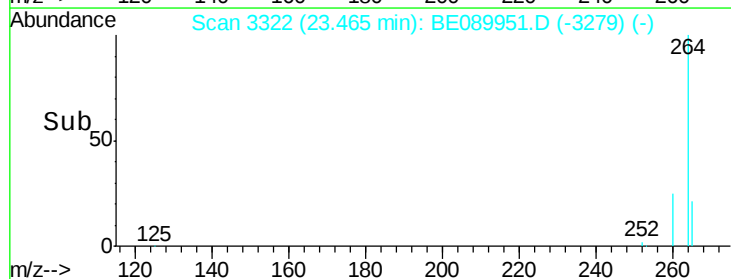
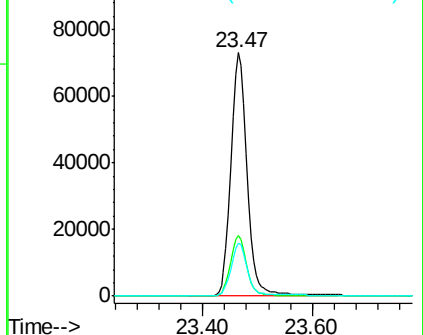
265 21.7 17.3 25.9

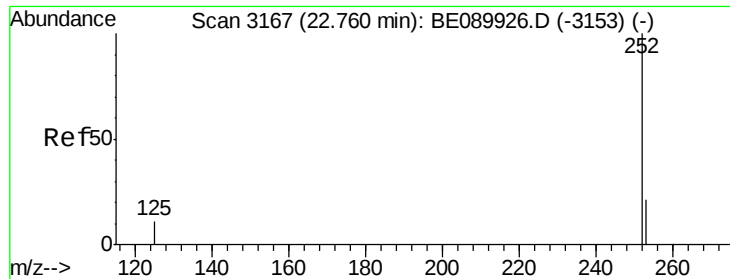


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#33

Benzo(b)fluoranthene

Concen: 3.67 ng

RT: 22.75 min Scan# 3166

Delta R.T. -0.01 min

Lab File: BE089951.D

Acq: 26 Jun 2015 20:10

Instrument :

BNA_E

ClientSampleId :

PB84222BS

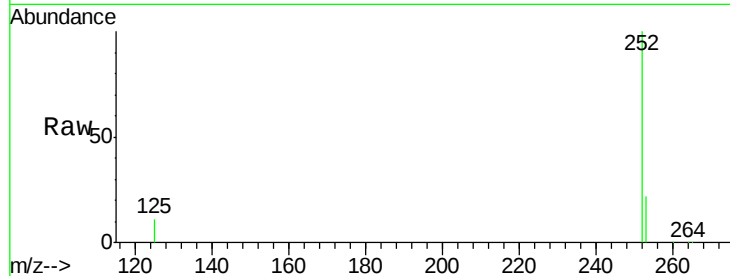
Tgt Ion:252 Resp: 115248

Ion Ratio Lower Upper

252 100

253 21.8 17.3 25.9

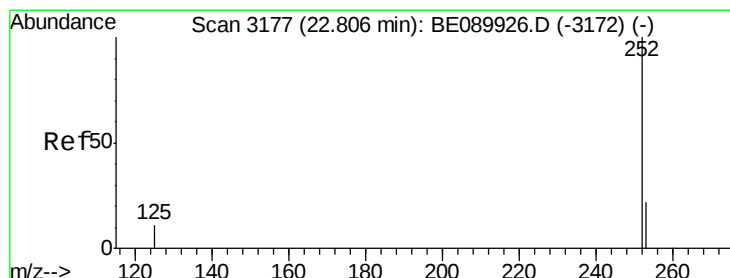
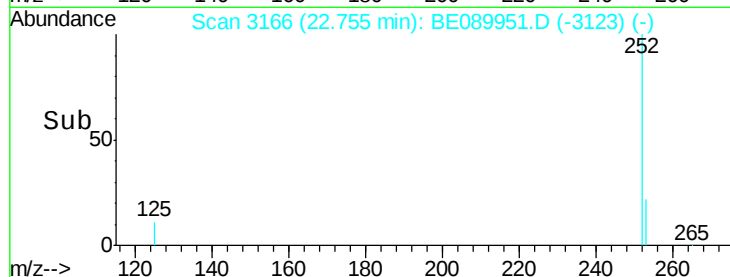
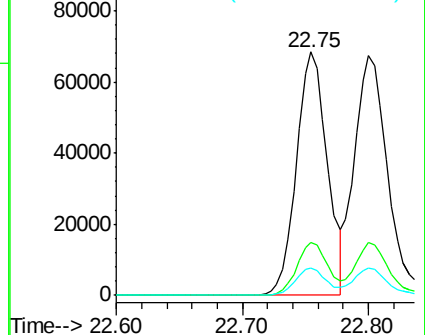
125 11.2 9.3 13.9



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: 3.55 ng

RT: 22.80 min Scan# 3176

Delta R.T. -0.01 min

Lab File: BE089951.D

Acq: 26 Jun 2015 20:10

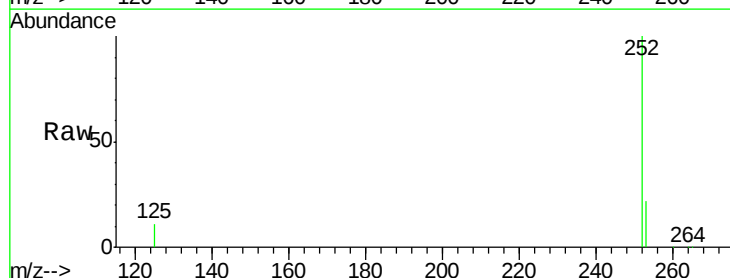
Tgt Ion:252 Resp: 126376

Ion Ratio Lower Upper

252 100

253 21.9 17.9 26.9

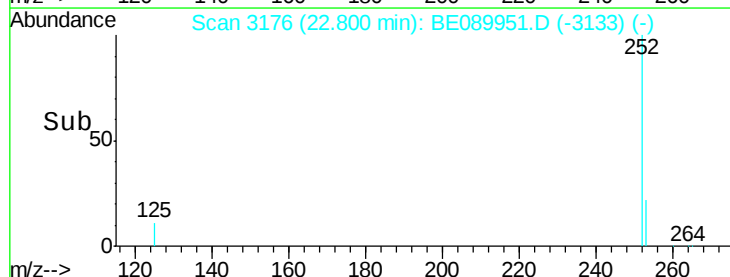
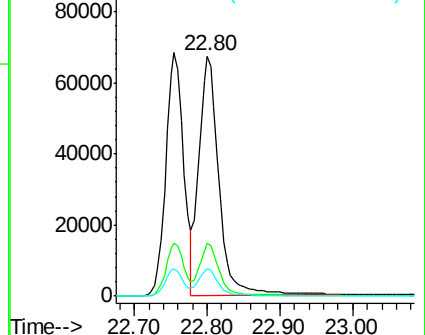
125 11.2 9.2 13.8

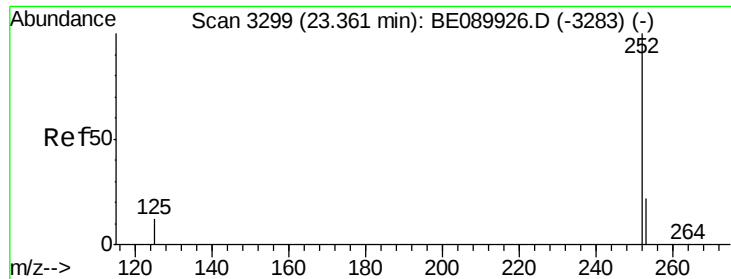


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#35

Benzo(a)pyrene

Concen: 3.83 ng

RT: 23.36 min Scan# 3298

Delta R.T. -0.01 min

Lab File: BE089951.D

Acq: 26 Jun 2015 20:10

Instrument :

BNA_E

ClientSampleId :

PB84222BS

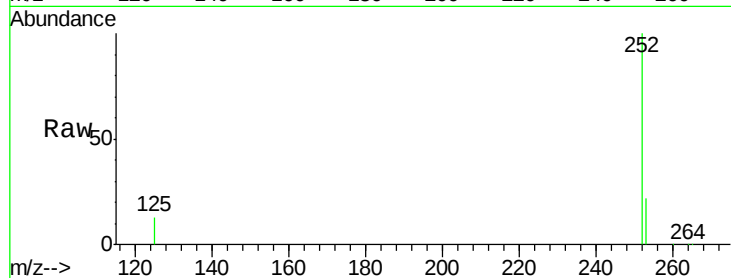
Tgt Ion:252 Resp: 106977

Ion Ratio Lower Upper

252 100

253 21.7 17.8 26.6

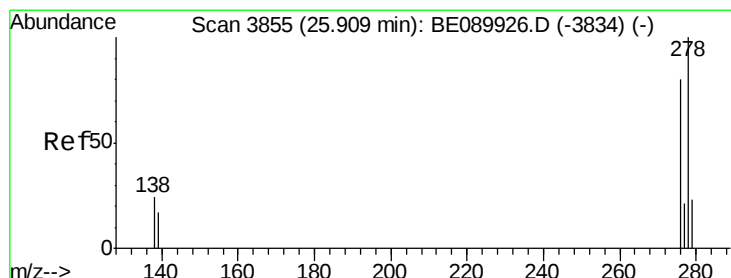
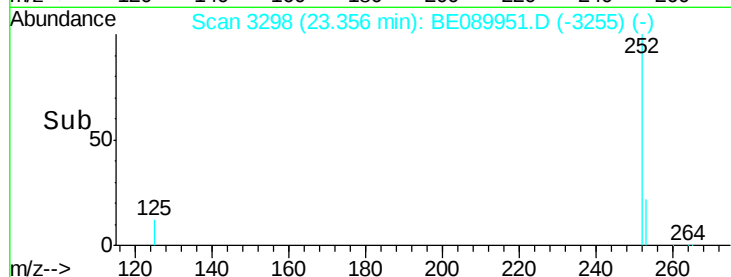
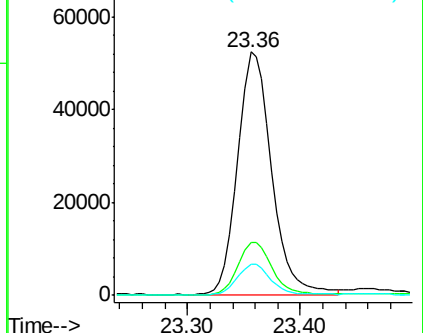
125 12.6 10.3 15.5



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: 3.87 ng

RT: 25.90 min Scan# 3853

Delta R.T. -0.01 min

Lab File: BE089951.D

Acq: 26 Jun 2015 20:10

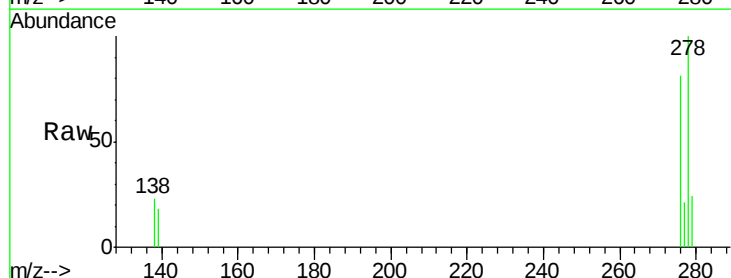
Tgt Ion:278 Resp: 100347

Ion Ratio Lower Upper

278 100

139 17.6 14.1 21.1

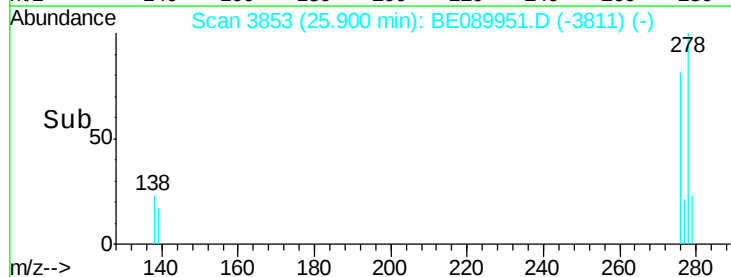
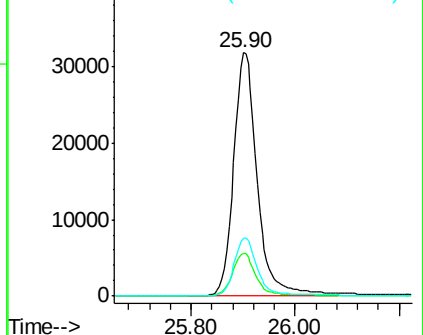
279 23.6 19.0 28.6

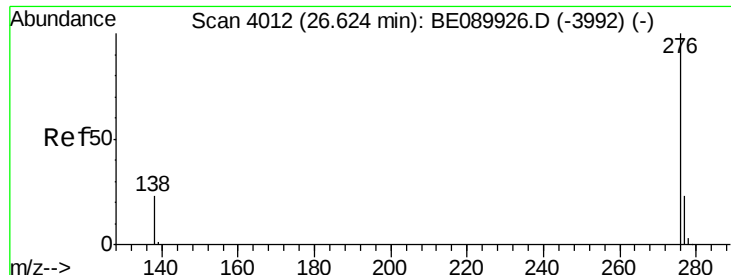


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

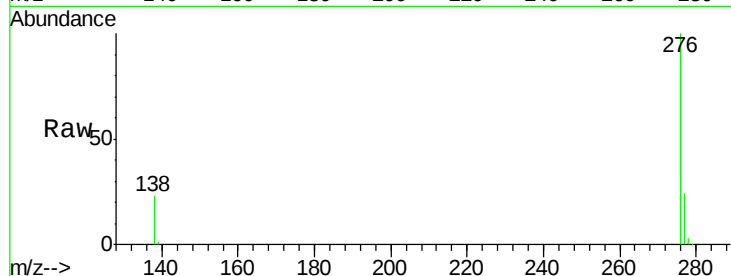




#37
 Benzo(g,h,i)perylene
 Concen: 3.73 ng
 RT: 26.62 min Scan# 4011
 Delta R.T. -0.00 min
 Lab File: BE089951.D
 Acq: 26 Jun 2015 20:10

Instrument :
 BNA_E
 ClientSampleId :
 PB84222BS

Tgt Ion: 276 Resp: 104084
 Ion Ratio Lower Upper
 276 100
 277 23.9 19.0 28.4
 138 23.3 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

