

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062615\
 Data File : BE089966.D
 Acq On : 27 Jun 2015 8:45
 Operator : TP/IZ
 Sample : G2782-09
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 X3SS0220006-150624

Quant Time: Jun 29 00:53:25 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	27831	5.00	ng	0.00
6) Naphthalene-d8	10.39	136	135585	5.00	ng	0.00
12) Acenaphthene-d10	14.24	164	82161	5.00	ng	0.00
18) Phenanthrene-d10	16.98	188	189539	5.00	ng	0.00
25) Chrysene-d12	21.13	240	203701	5.00	ng	0.00
32) Perylene-d12	23.47	264	184318	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.26	112	74863	14.90	ng	0.00
5) Phenol-d6	6.81	99	121136	15.73	ng	0.00
7) Nitrobenzene-d5	8.77	82	81989	8.12	ng	0.00
13) 2,4,6-Tribromophenol	15.74	330	21397	14.50	ng	0.00
14) 2-Fluorobiphenyl	12.86	172	189628	7.92	ng	0.00
27) Terphenyl-d14	19.60	244	270201	7.68	ng	0.00

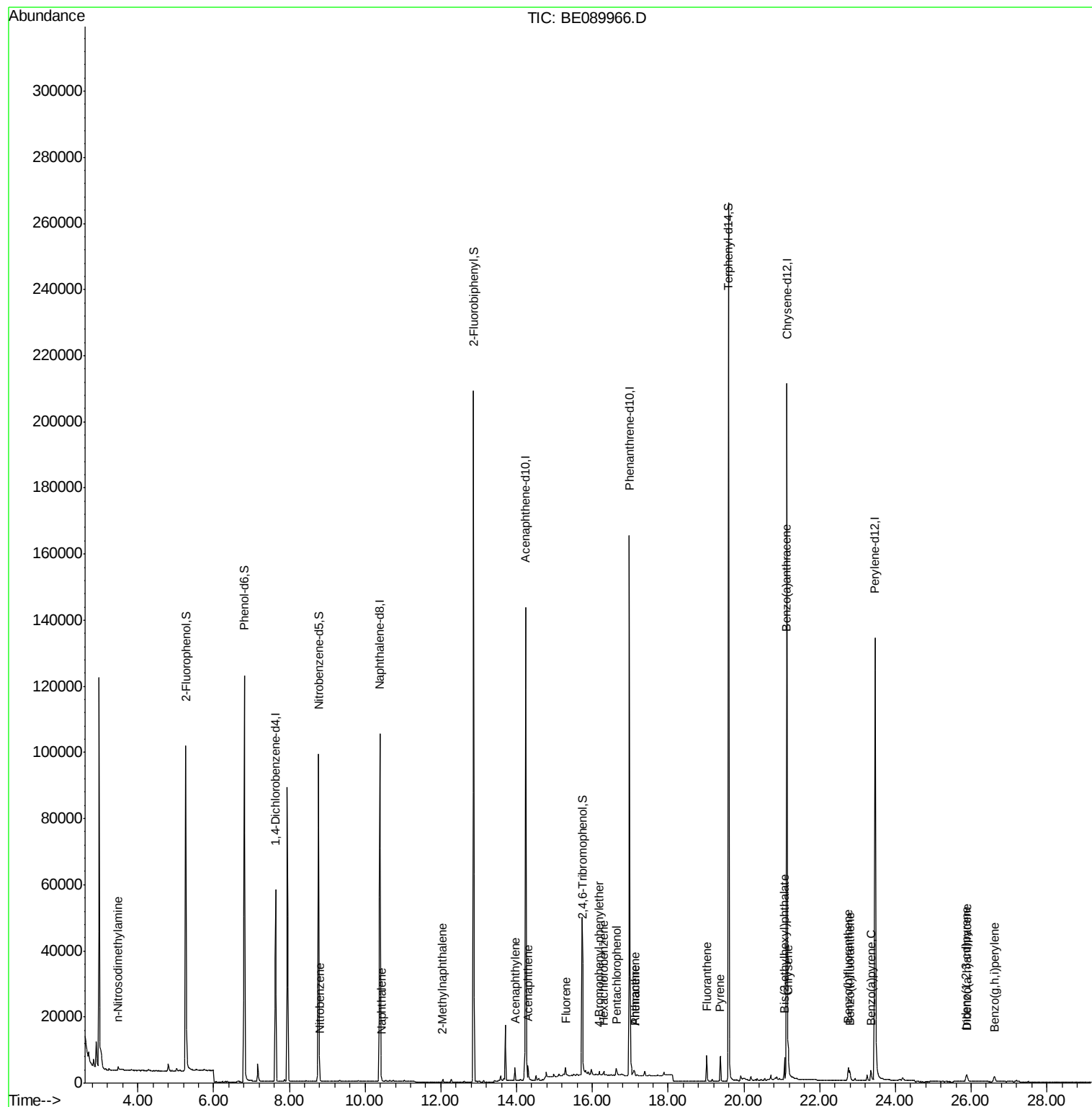
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.47	42	303	0.06	ng	# 1
8) Nitrobenzene	8.81	77	248	0.02	ng	# 95
9) Naphthalene	10.44	128	764	0.03	ng	# 79
11) 2-Methylnaphthalene	12.05	142	625	0.03	ng	# 92
15) Acenaphthylene	13.95	152	5170	0.04	ng	99
16) Acenaphthene	14.30	154	812	0.04	ng	98
17) Fluorene	15.29	166	1197	0.04	ng	# 87
19) 4-Bromophenyl-phenylether	16.18	248	258	0.03	ng	83
20) Hexachlorobenzene	16.30	284	1192	0.04	ng	# 87
21) Pentachlorophenol	16.63	266	1104	1.00	ng	# 90
22) Phenanthrene	17.12	178	1886	0.04	ng	98
23) Anthracene	17.12	178	1928	0.04	ng	99
24) Fluoranthene	19.02	202	6880	0.13	ng	99
26) Pyrene	19.38	202	6974	0.14	ng	# 96
28) Benzo(a)anthracene	21.12	228	5970	0.12	ng	97
29) Chrysene	21.17	228	6231	0.12	ng	96
30) Bis(2-ethylhexyl)phthalate	21.07	149	5694	1.37	ng	97
31) Indeno(1,2,3-cd)pyrene	25.88	276	3736	0.10	ng	# 100
33) Benzo(b)fluoranthene	22.76	252	6242	0.16	ng	# 90
34) Benzo(k)fluoranthene	22.80	252	3872	0.09	ng	# 75
35) Benzo(a)pyrene	23.36	252	4461	0.13	ng	# 90
36) Dibenzo(a,h)anthracene	25.90	278	1831	0.06	ng	# 71
37) Benzo(g,h,i)perylene	26.62	276	3592	0.10	ng	# 88

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

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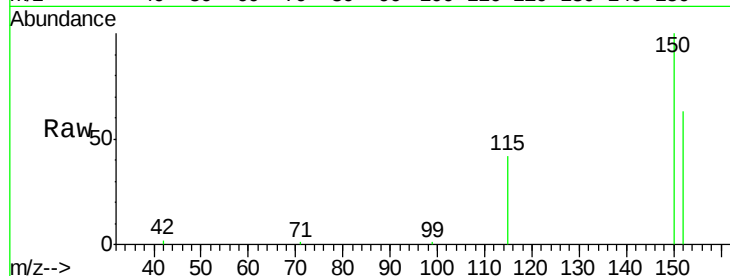




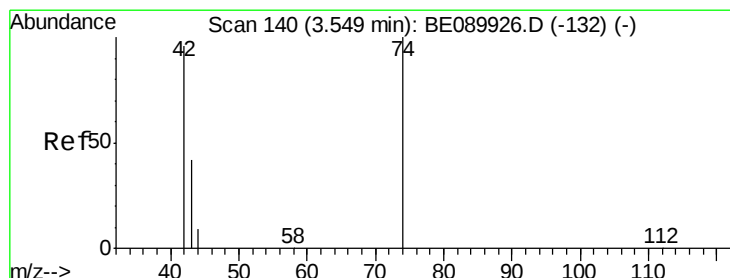
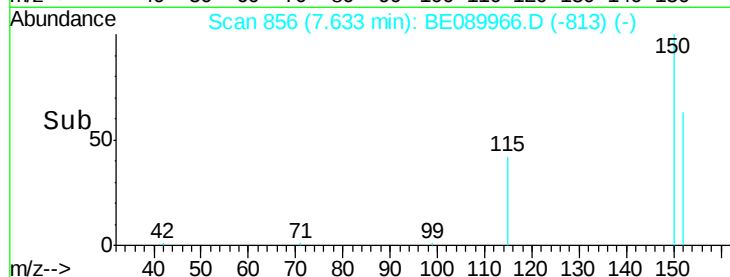
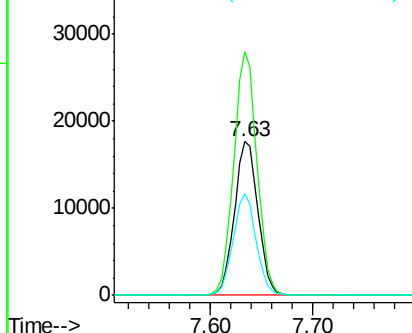
#1
 1,4-Dichlorobenzene-d4
 Concen: 5.00 ng
 RT: 7.63 min Scan# 856
 Delta R.T. -0.00 min
 Lab File: BE089966.D
 Acq: 27 Jun 2015 8:45

Instrument :
 BNA_E
 ClientSampleId :
 X3SS0220006-150624

Tgt Ion:152 Resp: 27831
 Ion Ratio Lower Upper
 152 100
 150 158.5 124.6 186.8
 115 66.2 51.6 77.4

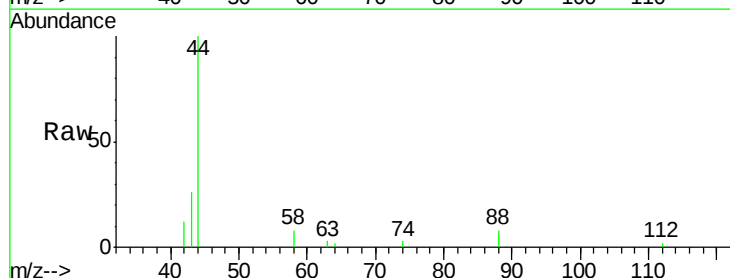


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

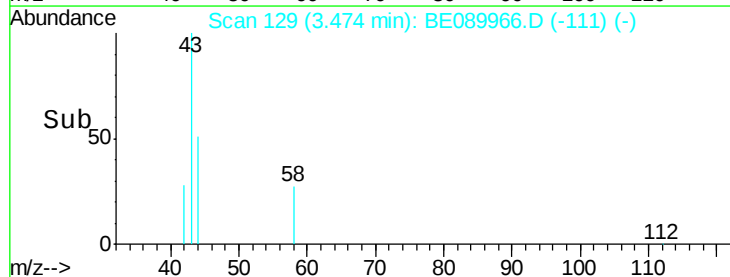
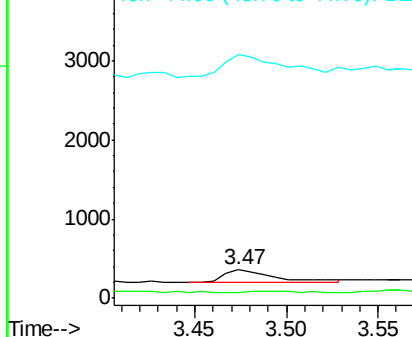


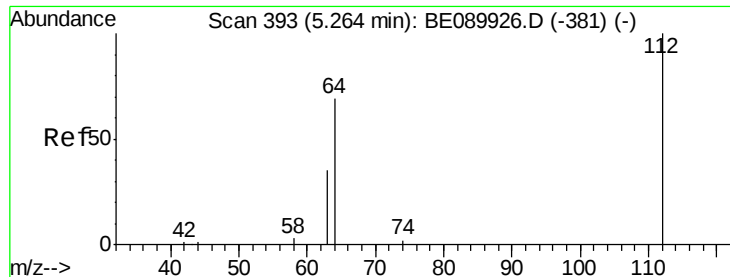
#3
 n-Nitrosodimethylamine
 Concen: 0.06 ng
 RT: 3.47 min Scan# 129
 Delta R.T. -0.07 min
 Lab File: BE089966.D
 Acq: 27 Jun 2015 8:45

Tgt Ion: 42 Resp: 303
 Ion Ratio Lower Upper
 42 100
 74 0.0 85.4 128.2#
 44 207.3 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: 14.90 ng

RT: 5.26 min Scan# 393

Delta R.T. -0.00 min

Lab File: BE089966.D

Acq: 27 Jun 2015 8:45

Instrument :

BNA_E

ClientSampleId :

X3SS0220006-150624

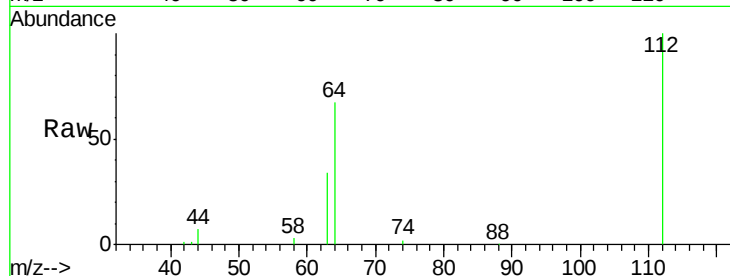
Tgt Ion: 112 Resp: 74863

Ion Ratio Lower Upper

112 100

64 72.3 57.4 86.2

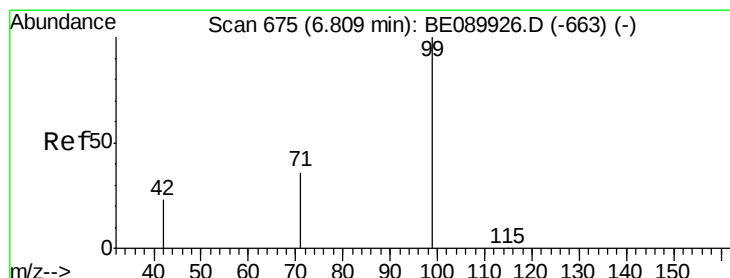
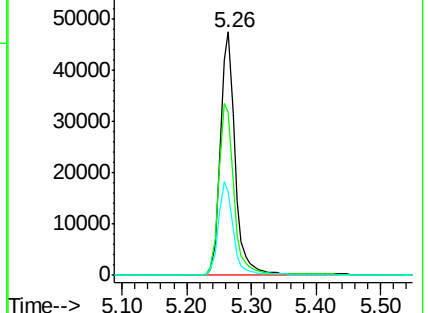
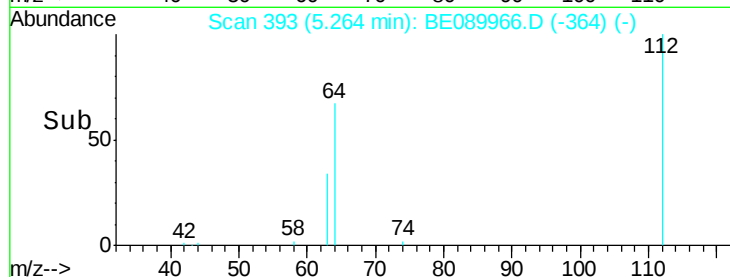
63 38.3 31.2 46.8



Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



#5

Phenol-d6

Concen: 15.73 ng

RT: 6.81 min Scan# 675

Delta R.T. 0.00 min

Lab File: BE089966.D

Acq: 27 Jun 2015 8:45

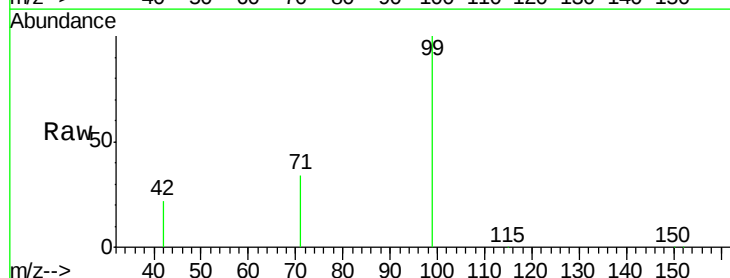
Tgt Ion: 99 Resp: 121136

Ion Ratio Lower Upper

99 100

42 22.6 19.5 29.3

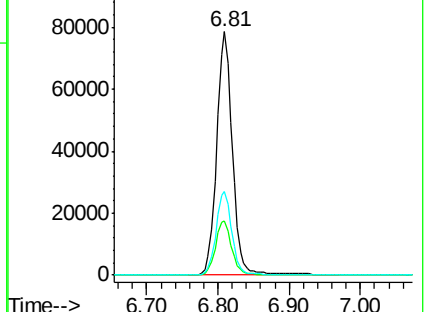
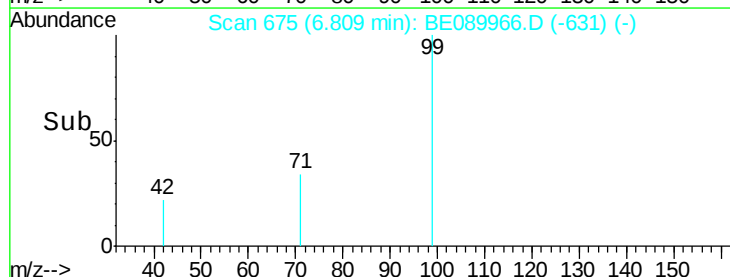
71 34.8 27.8 41.6

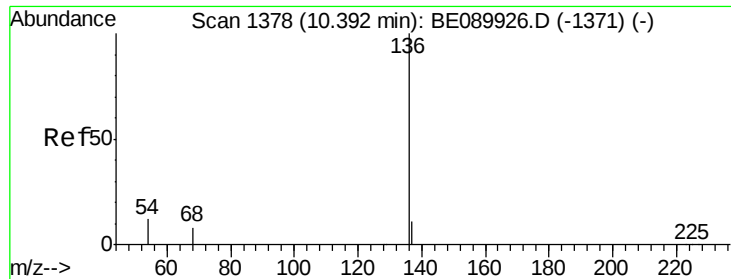


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0

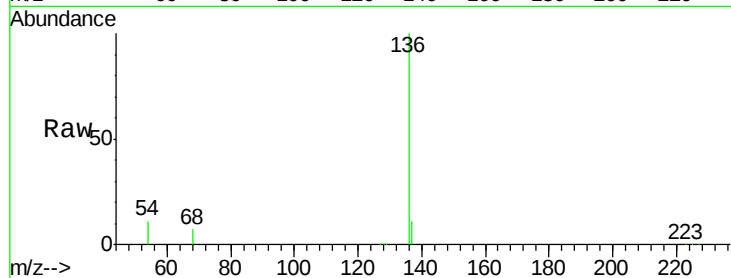




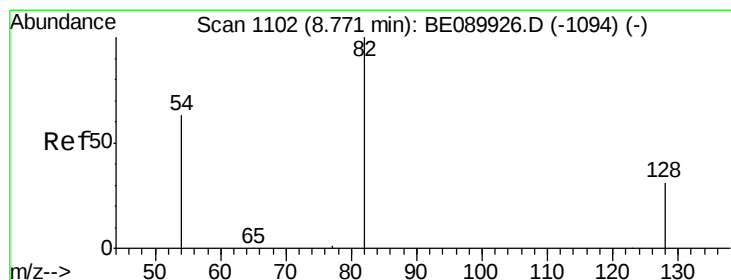
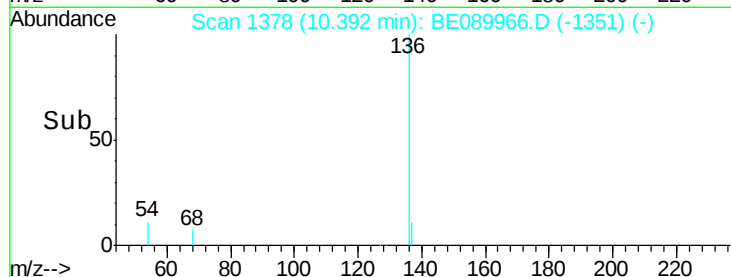
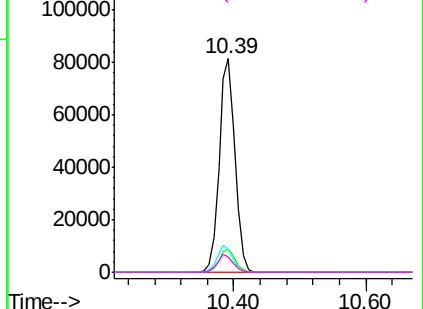
#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.39 min Scan# 1378
Delta R.T. -0.00 min
Lab File: BE089966.D
Acq: 27 Jun 2015 8:45

Instrument :
BNA_E
ClientSampleId :
X3SS0220006-150624

Tgt Ion:	136	Resp:	135585
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	10.7	9.7	14.5
68	7.5	6.5	9.7

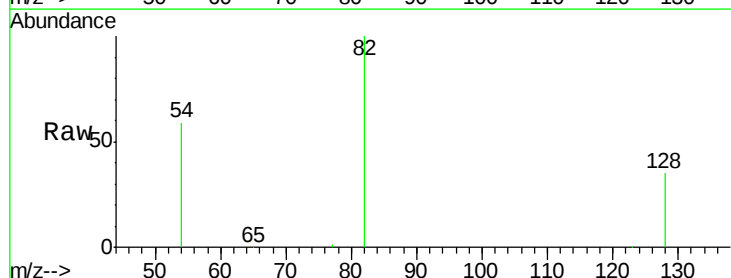


Abundance Ion 136.00 (135.70 to 136.70): BE0
Ion 137.00 (136.70 to 137.70): BE0
Ion 54.00 (53.70 to 54.70): BE0
Ion 68.00 (67.70 to 68.70): BE0

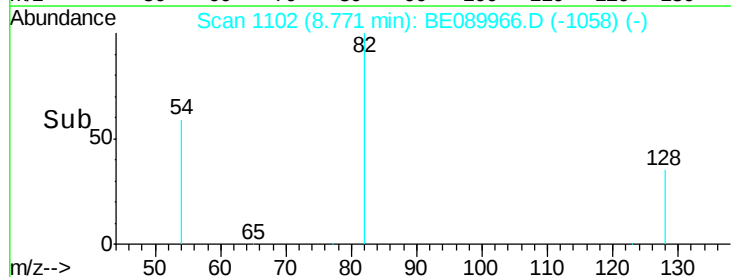
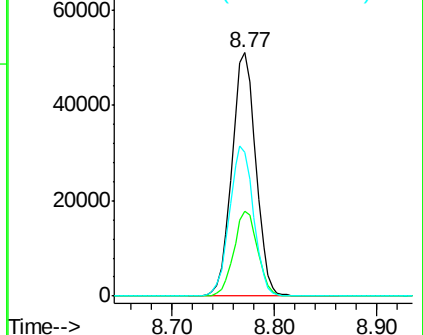


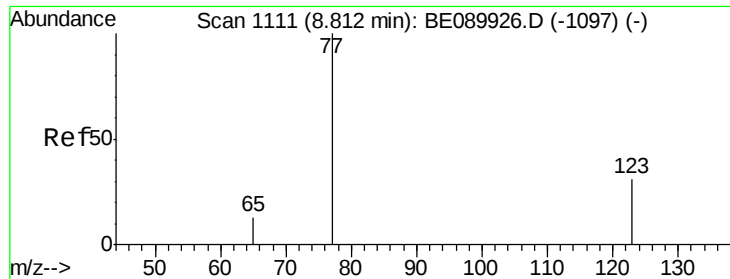
#7
Nitrobenzene-d5
Concen: 8.12 ng
RT: 8.77 min Scan# 1102
Delta R.T. 0.00 min
Lab File: BE089966.D
Acq: 27 Jun 2015 8:45

Tgt Ion:	82	Resp:	81989
Ion	Ratio	Lower	Upper
82	100		
128	35.1	25.6	38.4
54	59.1	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: 0.02 ng

RT: 8.81 min Scan# 1111

Delta R.T. 0.00 min

Lab File: BE089966.D

Acq: 27 Jun 2015 8:45

Instrument :

BNA_E

ClientSampleId :

X3SS0220006-150624

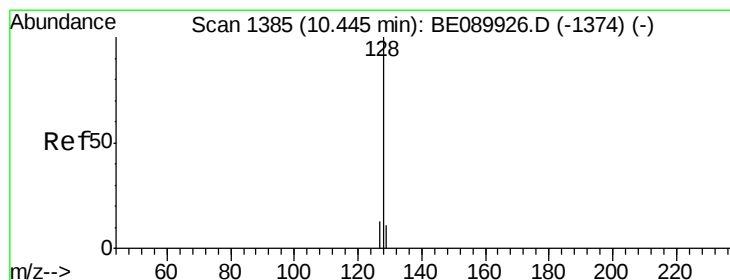
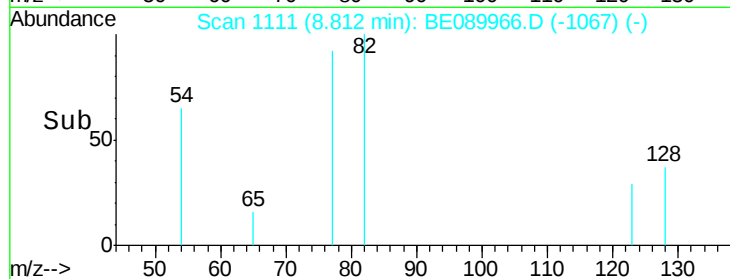
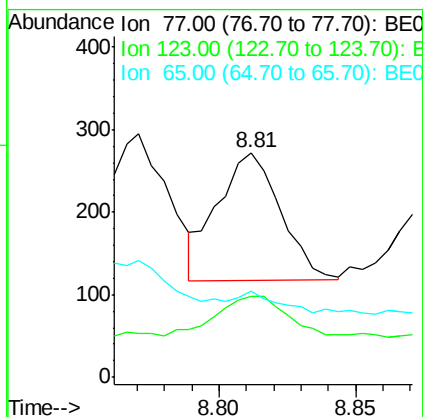
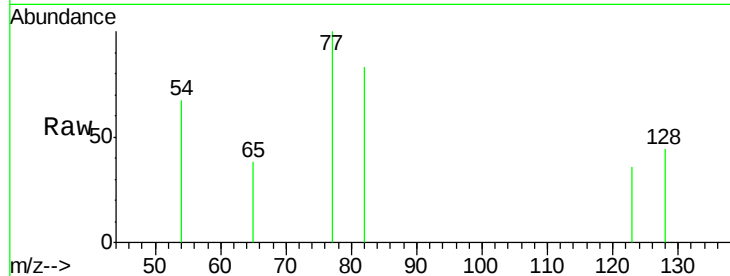
Tgt Ion: 77 Resp: 248

Ion Ratio Lower Upper

77 100

123 34.3 26.6 39.8

65 17.3 10.2 15.4#



#9

Naphthalene

Concen: 0.03 ng

RT: 10.44 min Scan# 1384

Delta R.T. -0.01 min

Lab File: BE089966.D

Acq: 27 Jun 2015 8:45

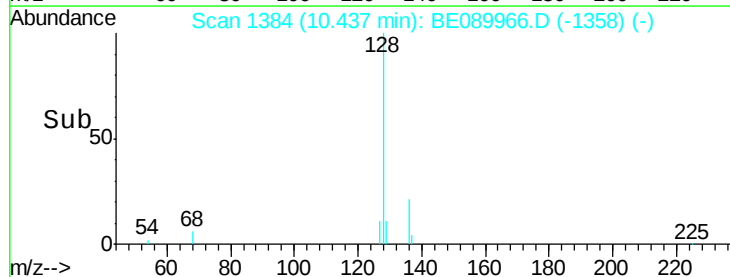
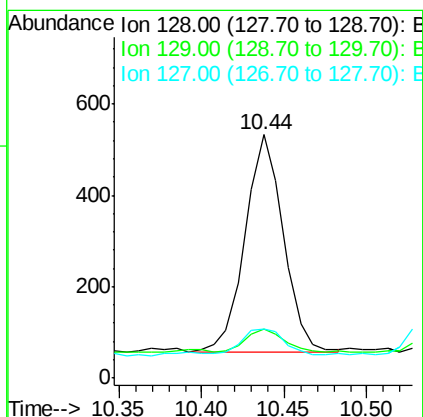
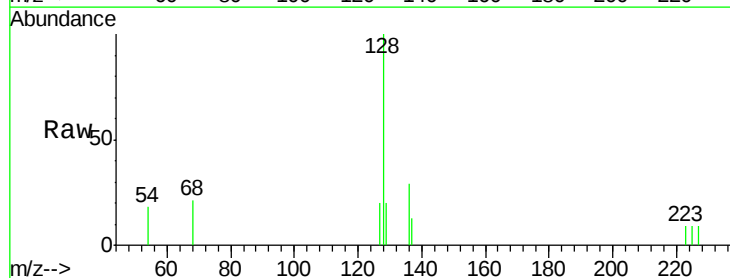
Tgt Ion: 128 Resp: 764

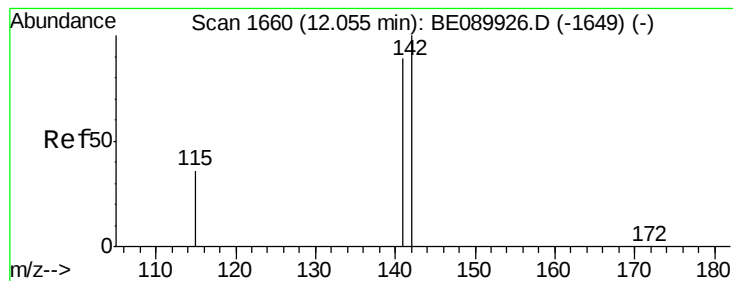
Ion Ratio Lower Upper

128 100

129 20.3 8.9 13.3#

127 20.1 10.2 15.4#





#11

2-Methylnaphthalene

Concen: 0.03 ng

RT: 12.05 min Scan# 1659

Delta R.T. -0.00 min

Lab File: BE089966.D

Acq: 27 Jun 2015 8:45

Instrument :

BNA_E

ClientSampleId :

X3SS0220006-150624

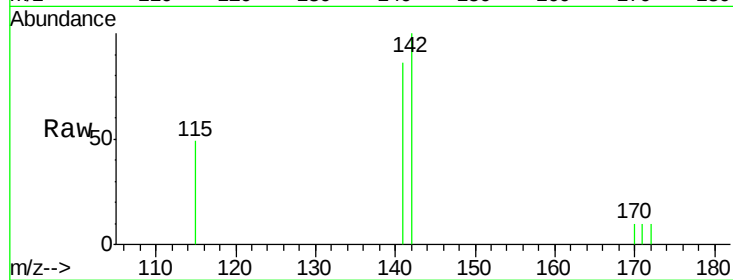
Tgt Ion:142 Resp: 625

Ion Ratio Lower Upper

142 100

141 86.0 71.1 106.7

115 48.5 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

12.05

400

300

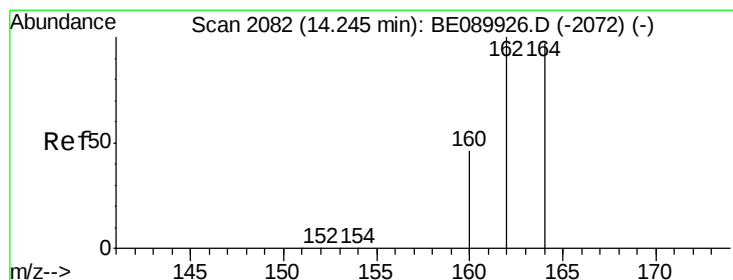
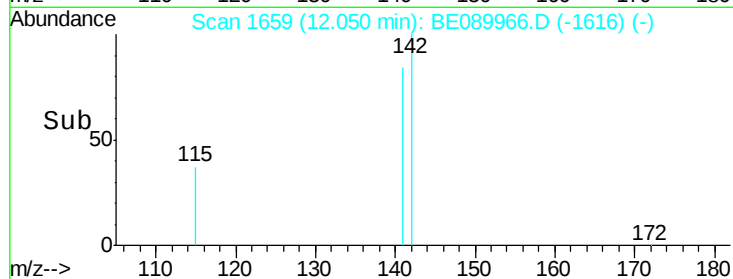
200

100

0

12.00 12.05 12.10

Time-->



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.24 min Scan# 2081

Delta R.T. -0.01 min

Lab File: BE089966.D

Acq: 27 Jun 2015 8:45

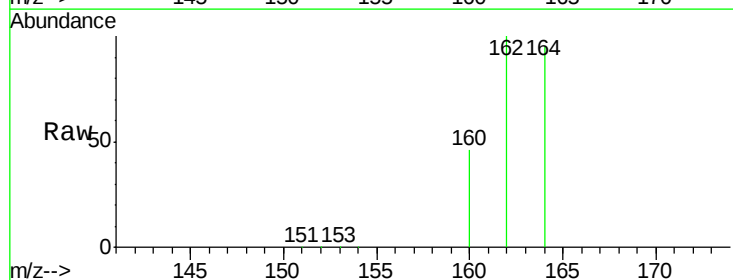
Tgt Ion:164 Resp: 82161

Ion Ratio Lower Upper

164 100

162 105.8 82.7 124.1

160 48.8 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

14.24

80000

60000

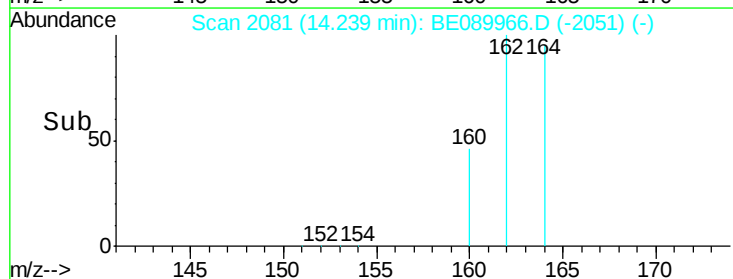
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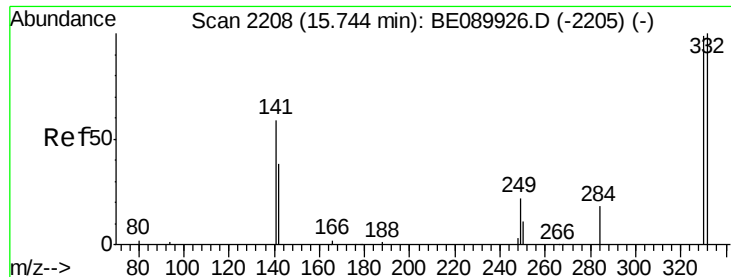
20000

0

14.20 14.30

Time-->

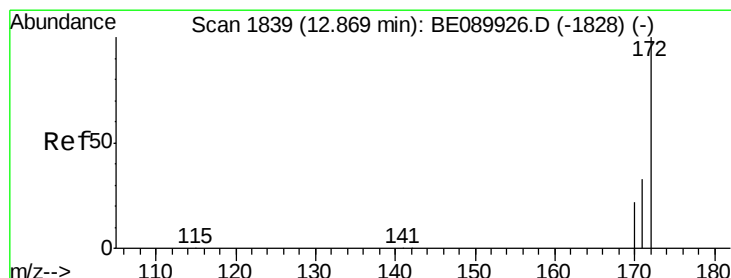
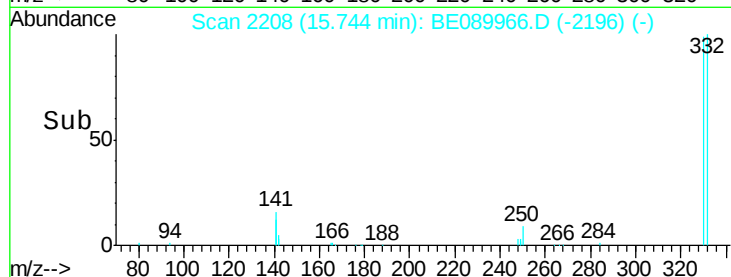
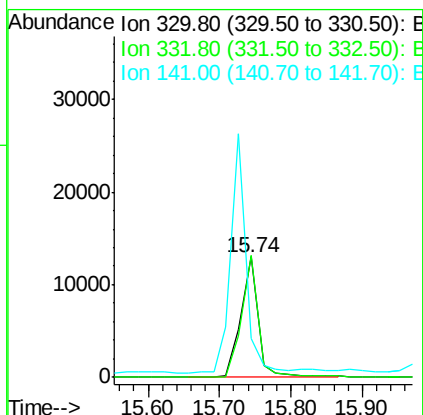
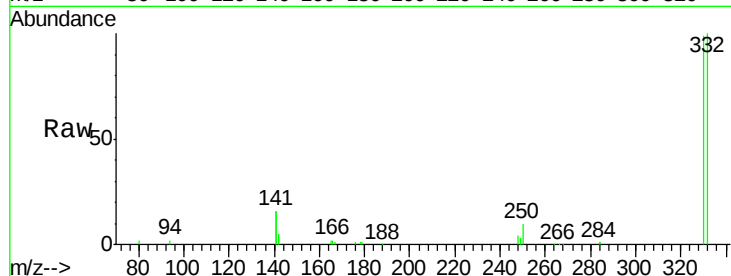




#13
 2,4,6-Tribromophenol
 Concen: 14.50 ng
 RT: 15.74 min Scan# 2208
 Delta R.T. 0.00 min
 Lab File: BE089966.D
 Acq: 27 Jun 2015 8:45

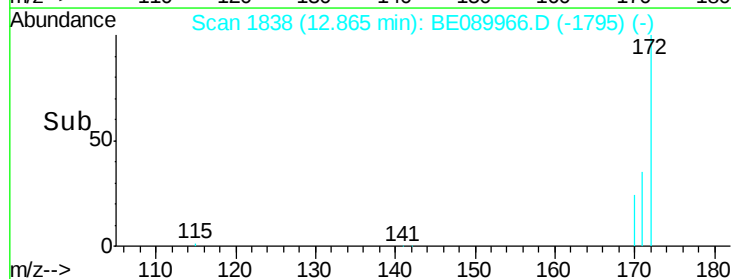
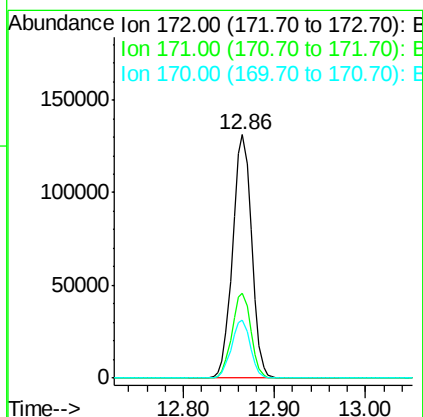
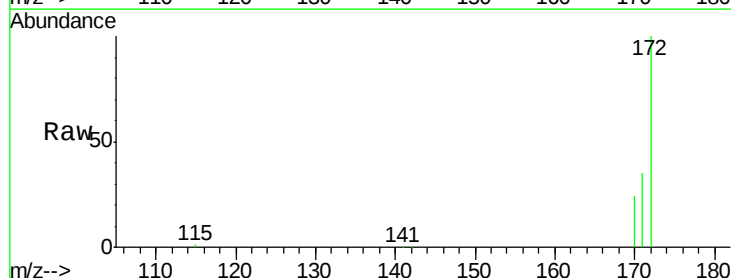
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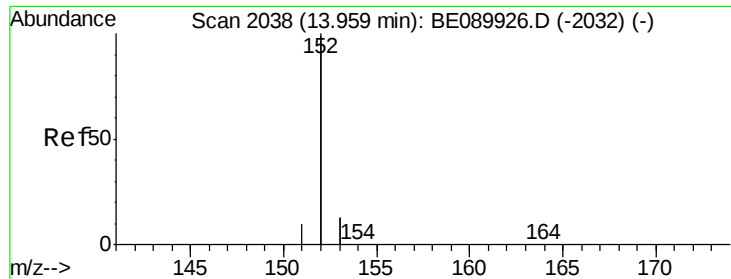
Tgt Ion:330 Resp: 21397
 Ion Ratio Lower Upper
 330 100
 332 97.4 77.9 116.9
 141 185.6 142.8 214.2



#14
 2-Fluorobiphenyl
 Concen: 7.92 ng
 RT: 12.86 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: BE089966.D
 Acq: 27 Jun 2015 8:45

Tgt Ion:172 Resp: 189628
 Ion Ratio Lower Upper
 172 100
 171 35.0 26.7 40.1
 170 23.8 17.5 26.3





#15

Acenaphthylene

Concen: 0.04 ng

RT: 13.95 min Scan# 2037

Delta R.T. -0.01 min

Lab File: BE089966.D

Acq: 27 Jun 2015 8:45

Instrument :

BNA_E

ClientSampleId :

X3SS0220006-150624

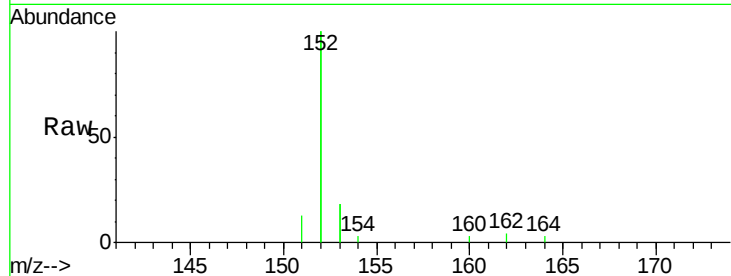
Tgt Ion:152 Resp: 5170

Ion Ratio Lower Upper

152 100

151 4.7 3.9 5.9

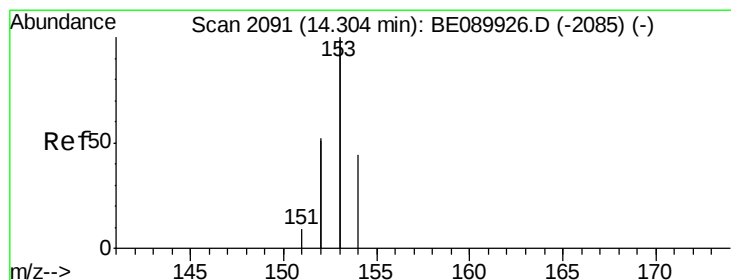
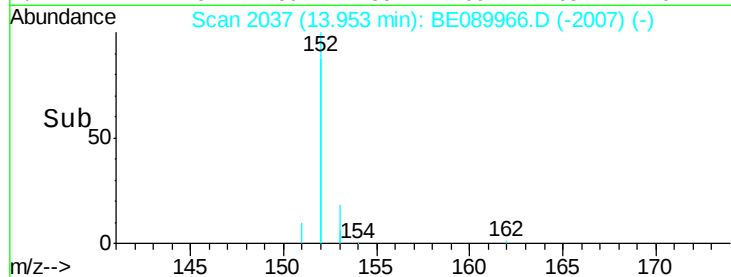
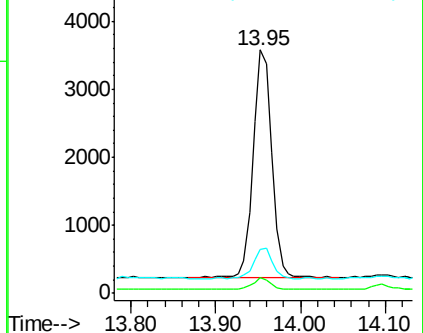
153 13.4 10.4 15.6



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: 0.04 ng

RT: 14.30 min Scan# 2091

Delta R.T. 0.00 min

Lab File: BE089966.D

Acq: 27 Jun 2015 8:45

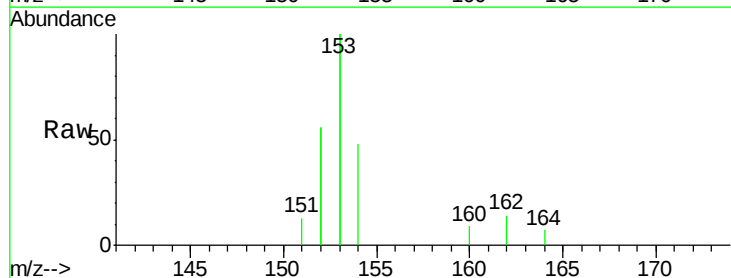
Tgt Ion:154 Resp: 812

Ion Ratio Lower Upper

154 100

153 448.6 362.8 544.2

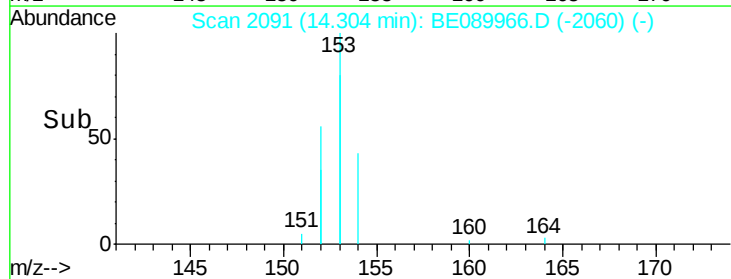
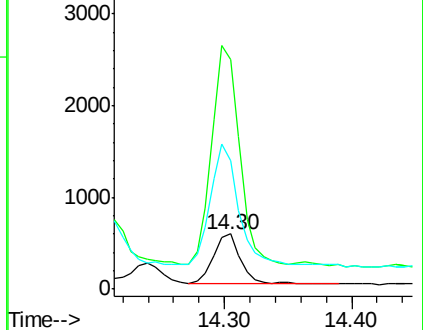
152 245.8 194.6 291.8

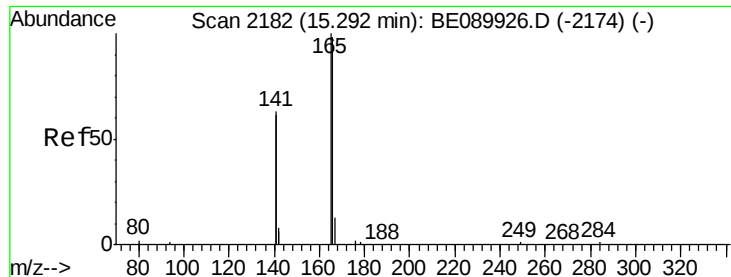


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

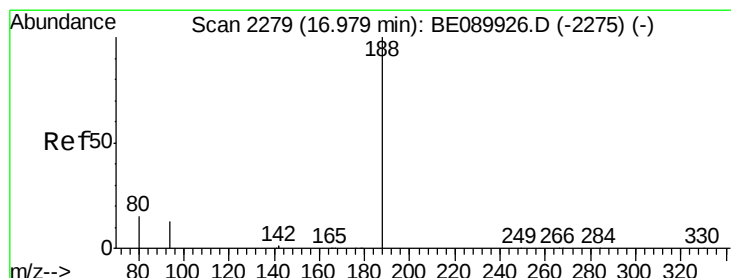
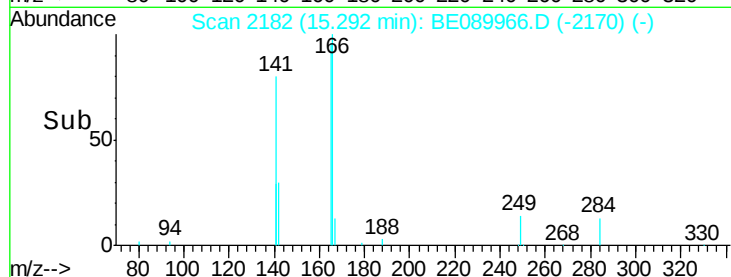
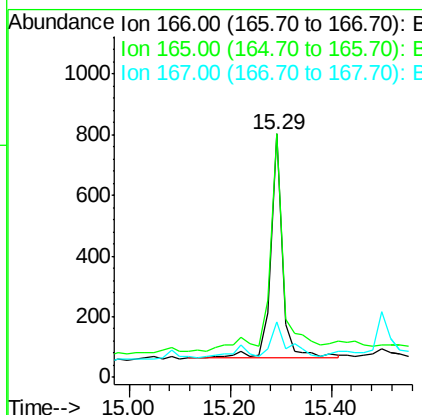
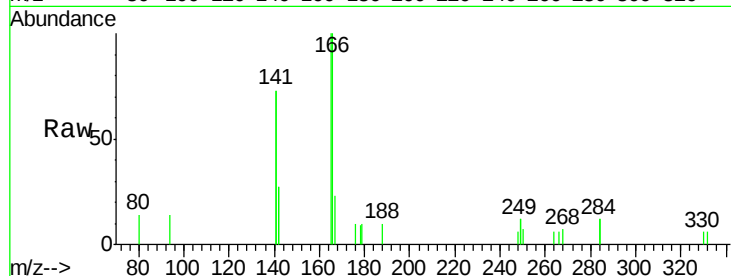




#17
Fluorene
 Concen: 0.04 ng
 RT: 15.29 min Scan# 2182
 Delta R.T. 0.00 min
 Lab File: BE089966.D
 Acq: 27 Jun 2015 8:45

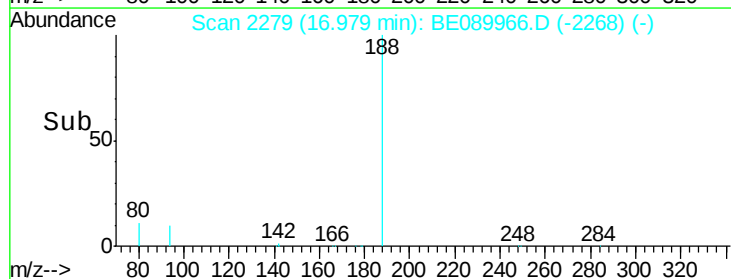
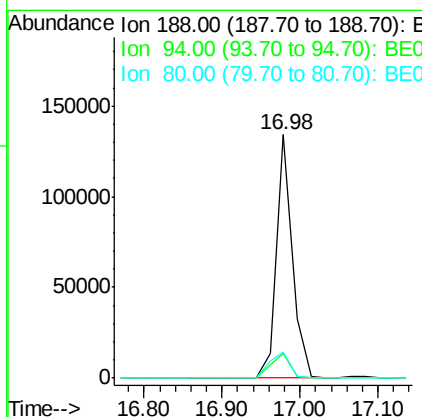
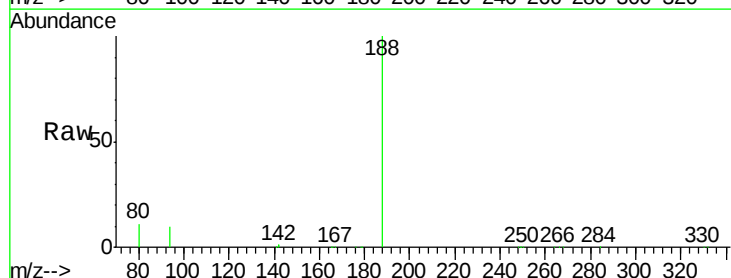
Instrument :
 BNA_E
 ClientSampleId :
 X3SS0220006-150624

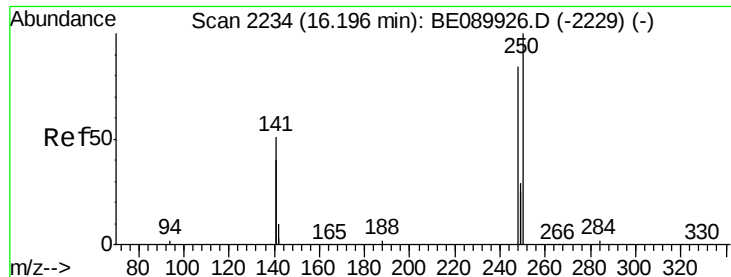
Tgt Ion:166 Resp: 1197
 Ion Ratio Lower Upper
 166 100
 165 113.9 81.1 121.7
 167 21.9 11.8 17.8#



#18
Phenanthrene-d10
 Concen: 5.00 ng
 RT: 16.98 min Scan# 2279
 Delta R.T. 0.00 min
 Lab File: BE089966.D
 Acq: 27 Jun 2015 8:45

Tgt Ion:188 Resp: 189539
 Ion Ratio Lower Upper
 188 100
 94 9.9 10.6 16.0#
 80 10.9 11.8 17.6#

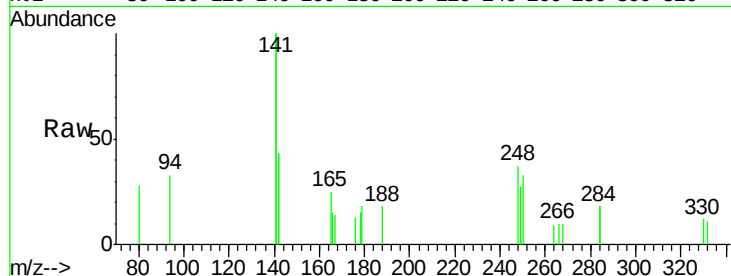




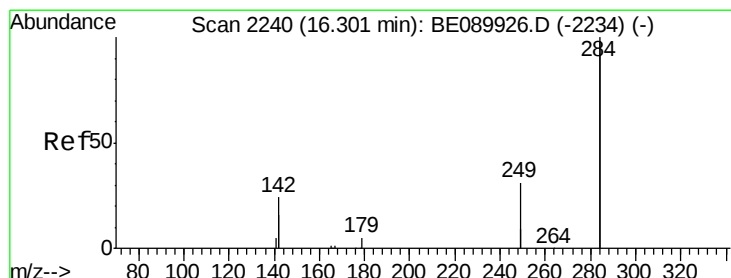
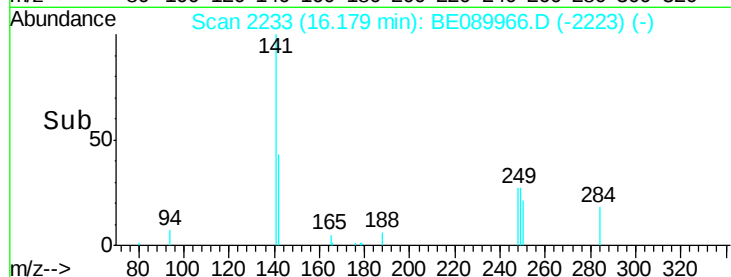
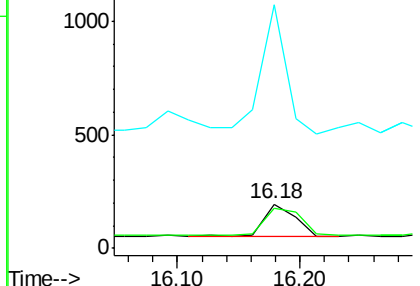
#19
4-Bromophenyl-phenylether
Concen: 0.03 ng
RT: 16.18 min Scan# 2233
Delta R.T. -0.02 min
Lab File: BE089966.D
Acq: 27 Jun 2015 8:45

Instrument :
BNA_E
ClientSampleId :
X3SS0220006-150624

Tgt Ion:248 Resp: 258
Ion Ratio Lower Upper
248 100
250 102.7 79.3 118.9
141 297.7 274.1 411.1

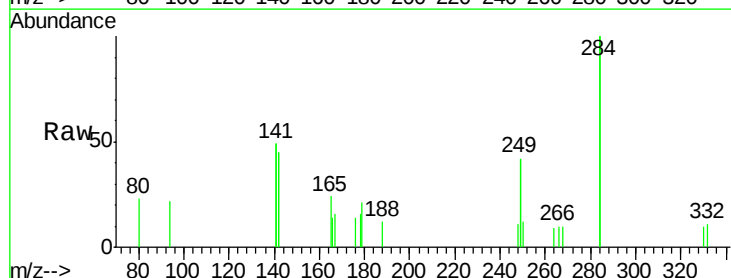


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

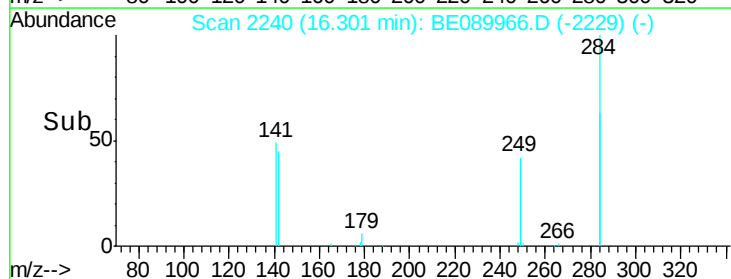
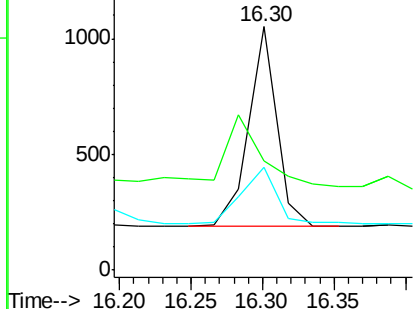


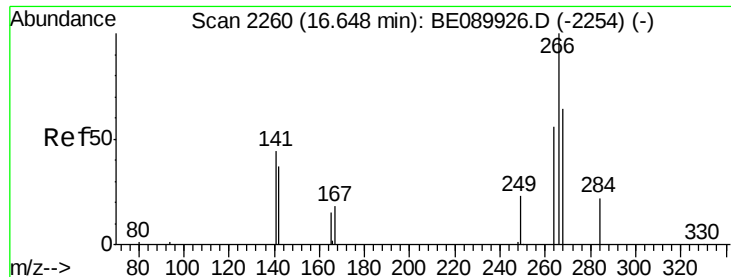
#20
Hexachlorobenzene
Concen: 0.04 ng
RT: 16.30 min Scan# 2240
Delta R.T. 0.00 min
Lab File: BE089966.D
Acq: 27 Jun 2015 8:45

Tgt Ion:284 Resp: 1192
Ion Ratio Lower Upper
284 100
142 51.5 32.0 48.0#
249 34.8 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

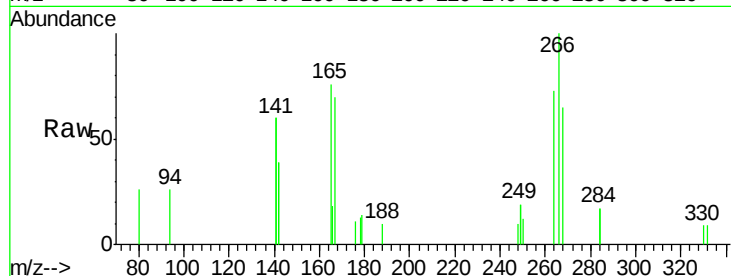




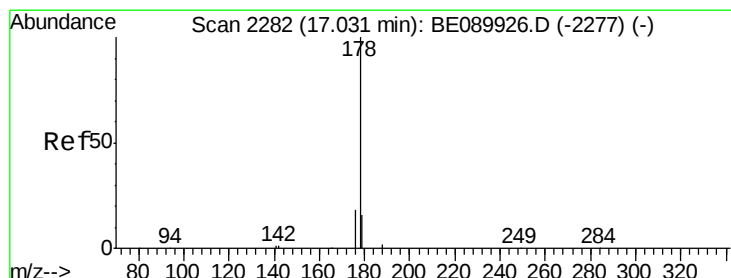
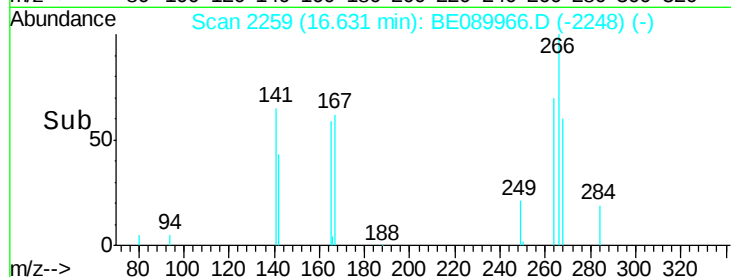
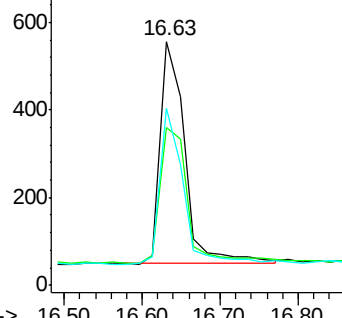
#21
 Pentachlorophenol
 Concen: 1.00 ng
 RT: 16.63 min Scan# 2259
 Delta R.T. -0.02 min
 Lab File: BE089966.D
 Acq: 27 Jun 2015 8:45

Instrument :
 BNA_E
 ClientSampleId :
 X3SS0220006-150624

Tgt Ion:266 Resp: 1104
 Ion Ratio Lower Upper
 266 100
 268 64.6 54.4 81.6
 264 72.8 48.2 72.2#

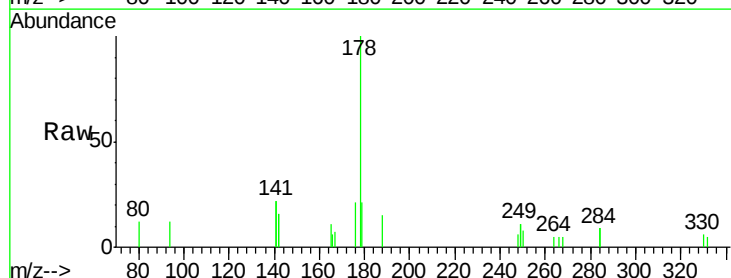


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

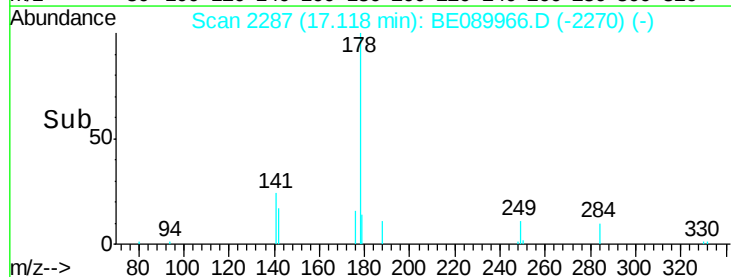
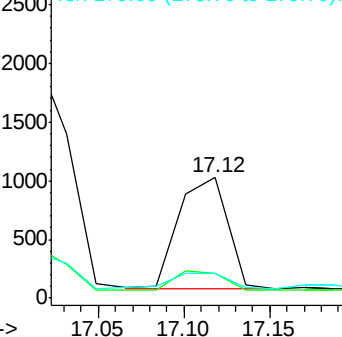


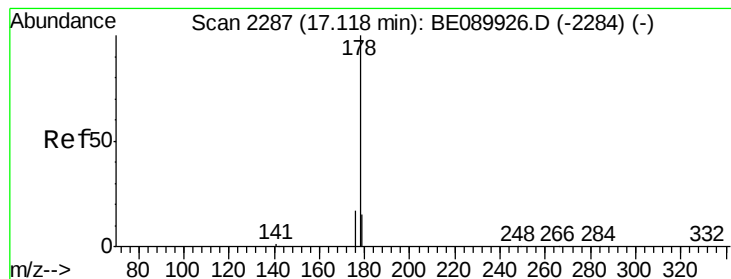
#22
 Phenanthrene
 Concen: 0.04 ng
 RT: 17.12 min Scan# 2287
 Delta R.T. 0.09 min
 Lab File: BE089966.D
 Acq: 27 Jun 2015 8:45

Tgt Ion:178 Resp: 1886
 Ion Ratio Lower Upper
 178 100
 176 18.1 15.4 23.2
 179 16.5 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: 0.04 ng

RT: 17.12 min Scan# 2287

Delta R.T. 0.00 min

Lab File: BE089966.D

Acq: 27 Jun 2015 8:45

Instrument :

BNA_E

ClientSampleId :

X3SS0220006-150624

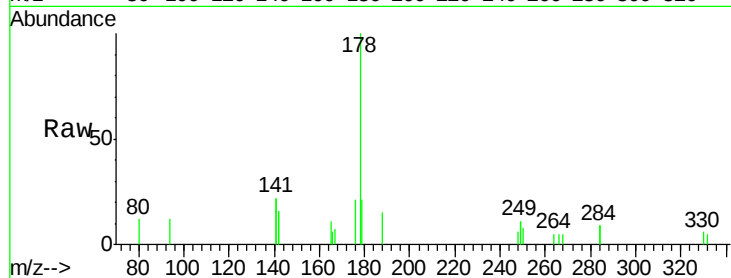
Tgt Ion:178 Resp: 1928

Ion Ratio Lower Upper

178 100

176 18.0 14.6 21.8

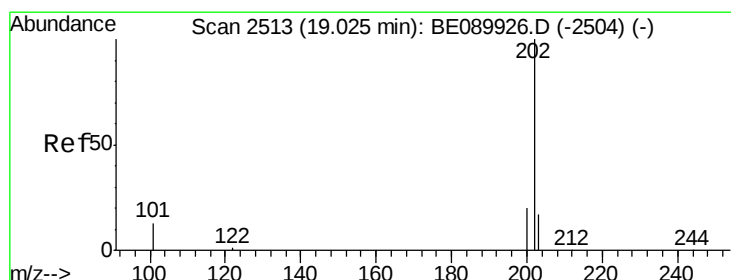
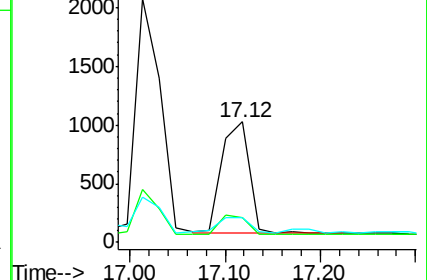
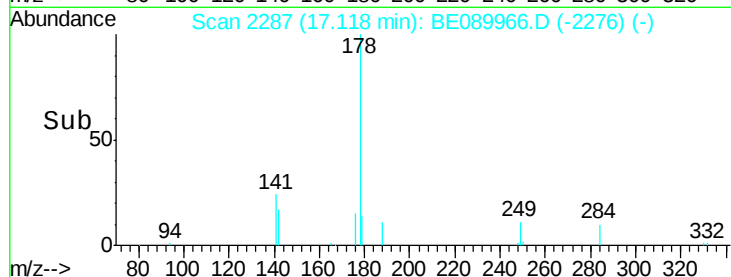
179 15.9 12.3 18.5



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: 0.13 ng

RT: 19.02 min Scan# 2512

Delta R.T. -0.01 min

Lab File: BE089966.D

Acq: 27 Jun 2015 8:45

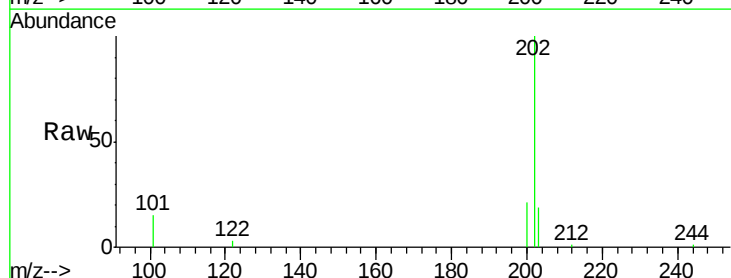
Tgt Ion:202 Resp: 6880

Ion Ratio Lower Upper

202 100

101 14.1 10.6 16.0

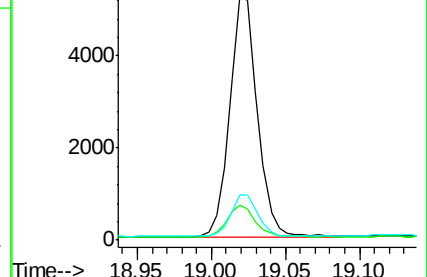
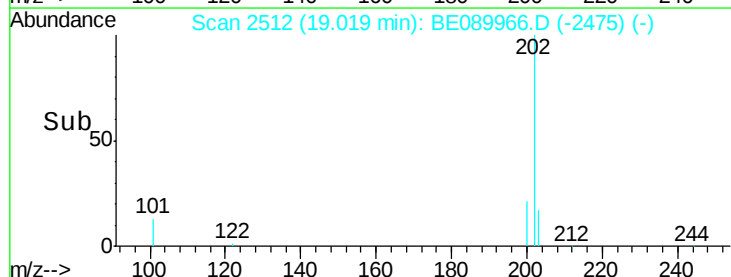
203 17.2 13.8 20.8

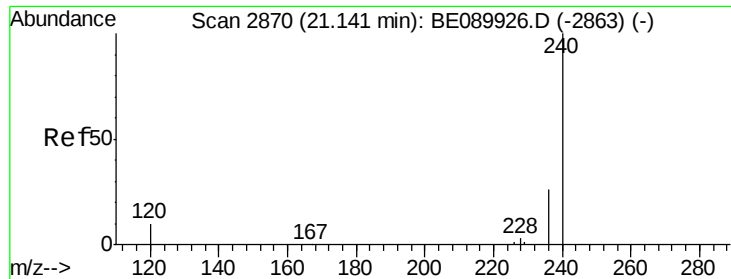


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

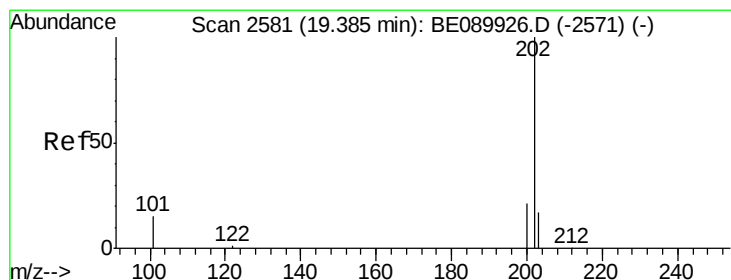
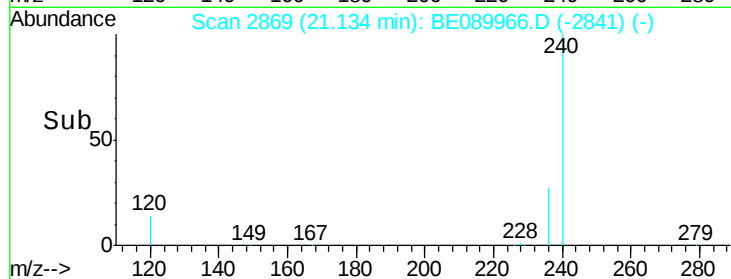
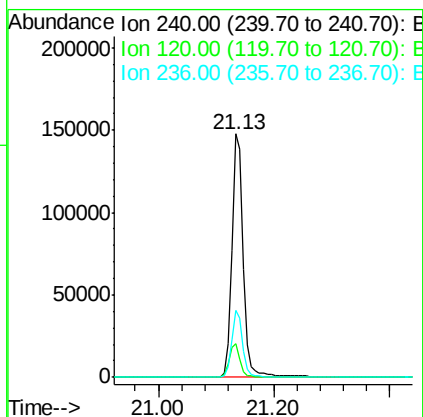
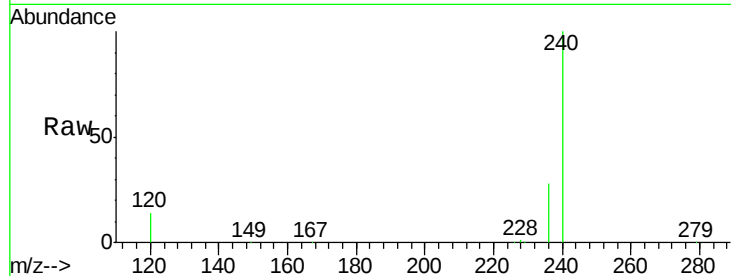




#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.13 min Scan# 2869
Delta R.T. -0.01 min
Lab File: BE089966.D
Acq: 27 Jun 2015 8:45

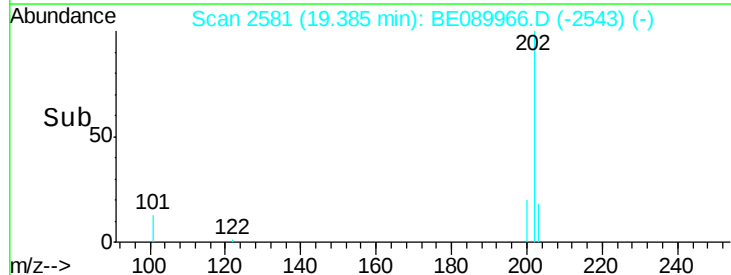
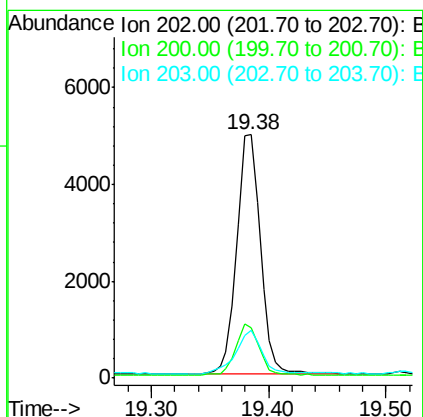
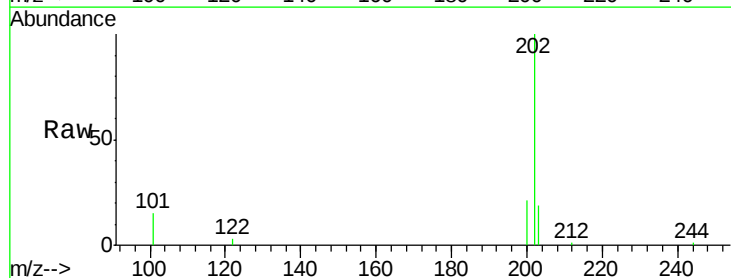
Instrument :
BNA_E
ClientSampleId :
X3SS0220006-150624

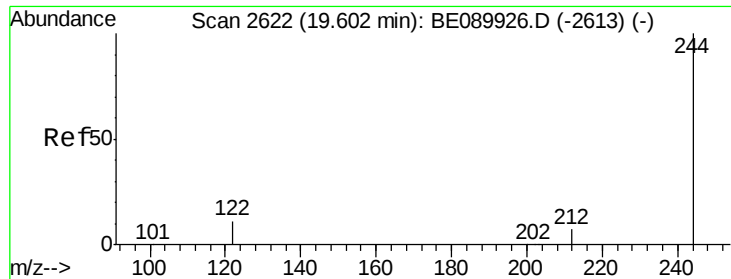
Tgt Ion:240 Resp: 203701
Ion Ratio Lower Upper
240 100
120 13.6 7.9 11.9#
236 27.5 21.2 31.8



#26
Pyrene
Concen: 0.14 ng
RT: 19.38 min Scan# 2581
Delta R.T. 0.00 min
Lab File: BE089966.D
Acq: 27 Jun 2015 8:45

Tgt Ion:202 Resp: 6974
Ion Ratio Lower Upper
202 100
200 20.8 16.6 25.0
203 21.0 13.9 20.9#





#27

Terphenyl-d14

Concen: 7.68 ng

RT: 19.60 min Scan# 2621

Delta R.T. -0.01 min

Lab File: BE089966.D

Acq: 27 Jun 2015 8:45

Instrument :

BNA_E

ClientSampleId :

X3SS0220006-150624

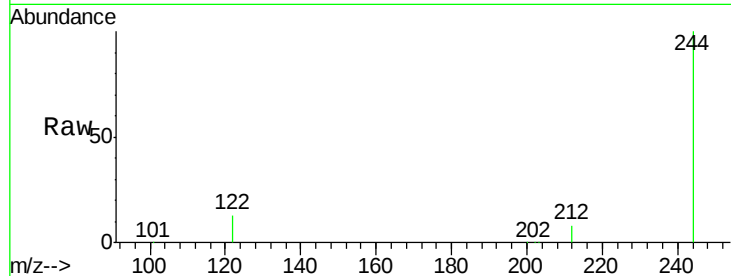
Tgt Ion:244 Resp: 270201

Ion Ratio Lower Upper

244 100

212 8.4 6.1 9.1

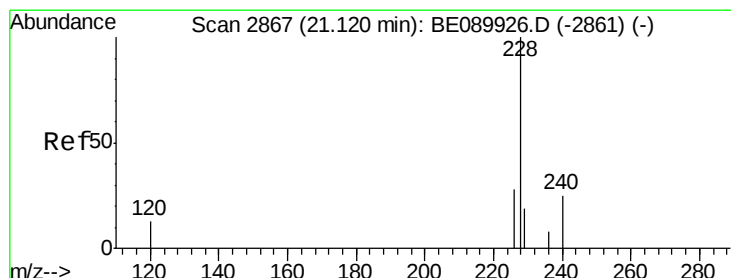
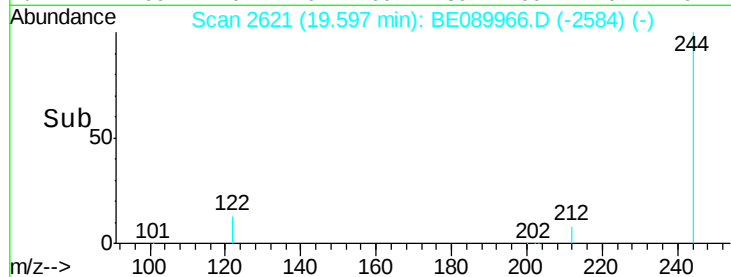
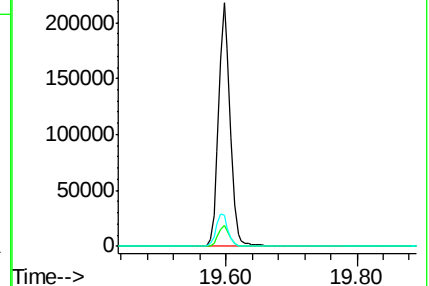
122 13.0 8.7 13.1



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: 0.12 ng

RT: 21.12 min Scan# 2867

Delta R.T. 0.00 min

Lab File: BE089966.D

Acq: 27 Jun 2015 8:45

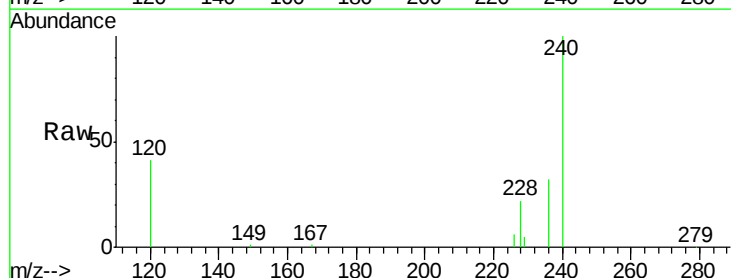
Tgt Ion:228 Resp: 5970

Ion Ratio Lower Upper

228 100

226 28.1 22.2 33.4

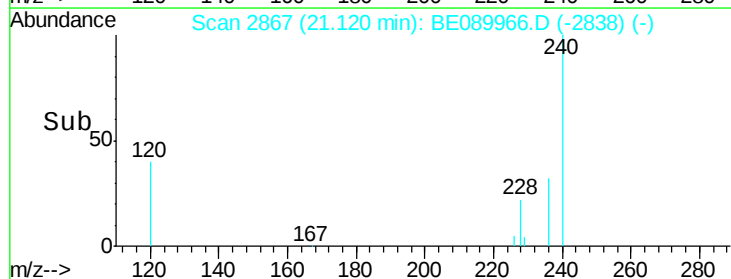
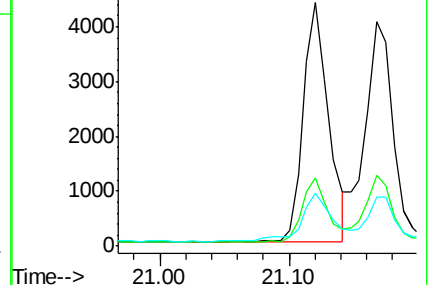
229 21.9 15.3 22.9

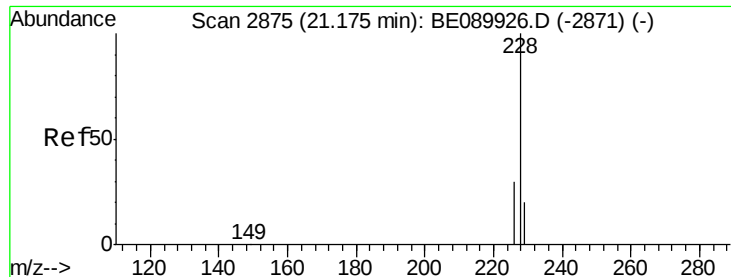


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#29

Chrysene

Concen: 0.12 ng

RT: 21.17 min Scan# 2874

Delta R.T. -0.01 min

Lab File: BE089966.D

Acq: 27 Jun 2015 8:45

Instrument :

BNA_E

ClientSampleId :

X3SS0220006-150624

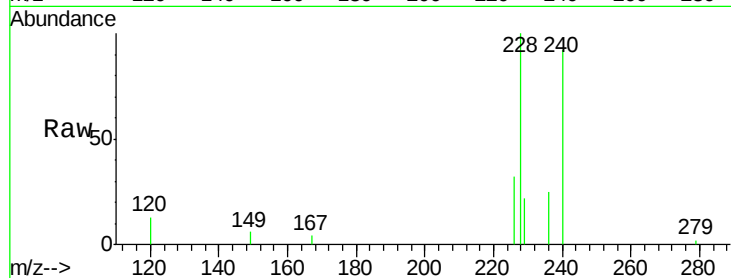
Tgt Ion:228 Resp: 6231

Ion Ratio Lower Upper

228 100

226 31.7 23.7 35.5

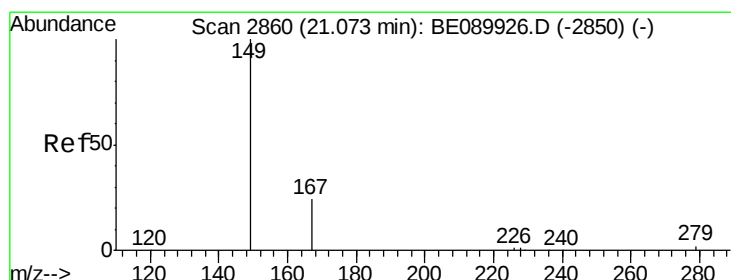
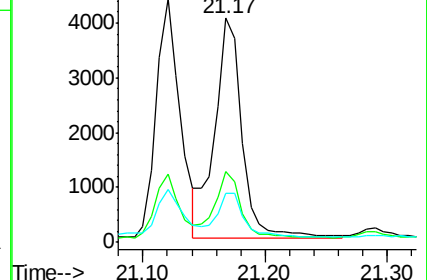
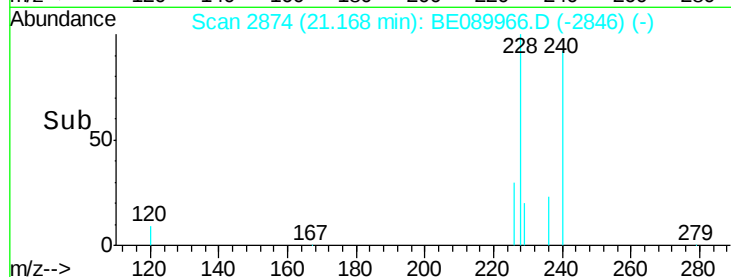
229 22.0 15.8 23.8



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: 1.37 ng

RT: 21.07 min Scan# 2860

Delta R.T. 0.00 min

Lab File: BE089966.D

Acq: 27 Jun 2015 8:45

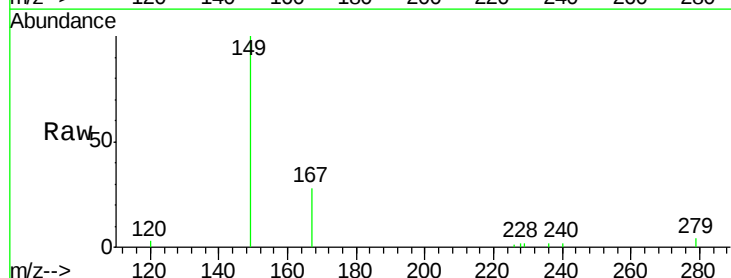
Tgt Ion:149 Resp: 5694

Ion Ratio Lower Upper

149 100

167 27.2 20.3 30.5

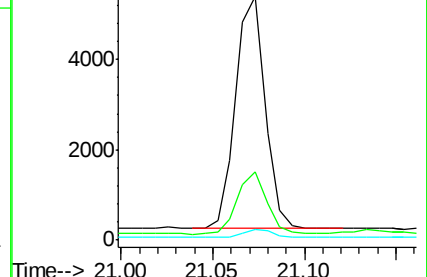
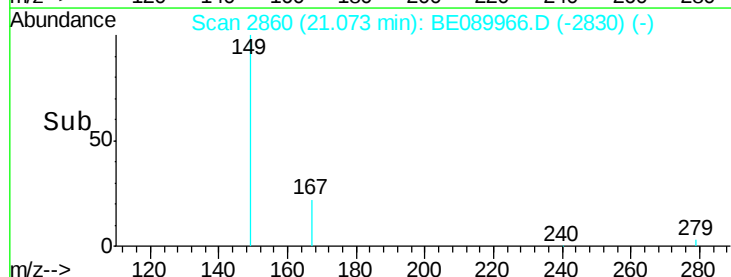
279 3.2 2.7 4.1

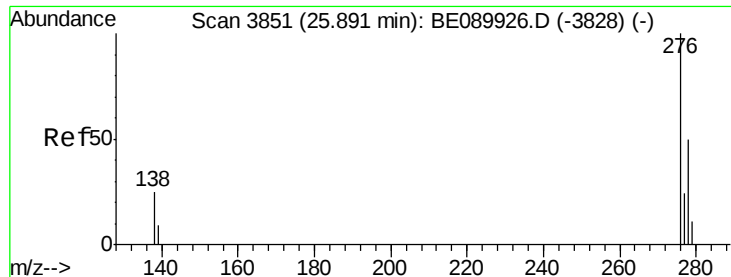


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.10 ng

RT: 25.88 min Scan# 3848

Delta R.T. -0.01 min

Lab File: BE089966.D

Acq: 27 Jun 2015 8:45

Instrument :

BNA_E

ClientSampleId :

X3SS0220006-150624

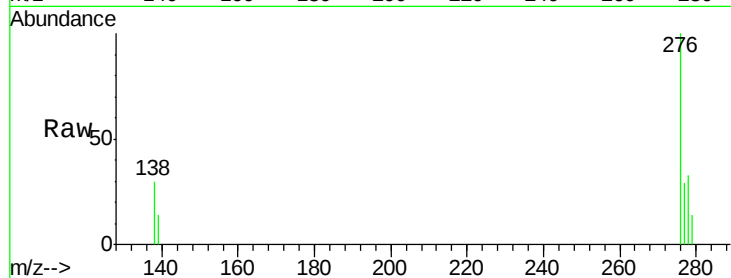
Tgt Ion:276 Resp: 3736

Ion Ratio Lower Upper

276 100

138 23.6 0.0 0.0#

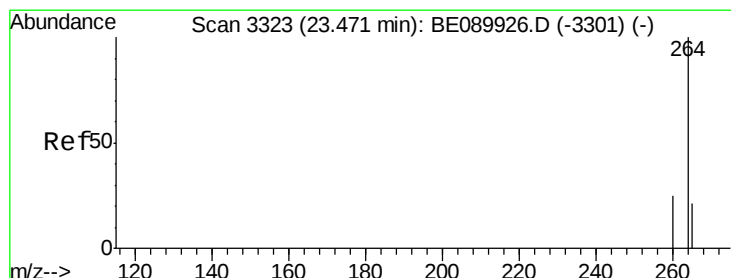
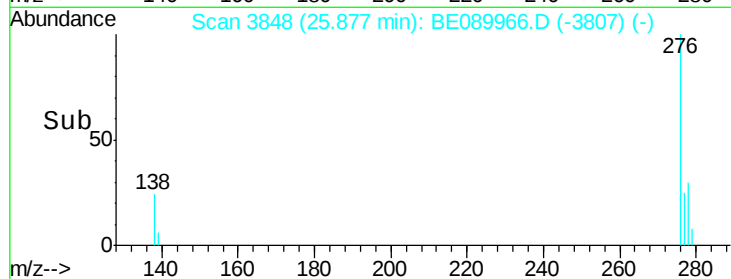
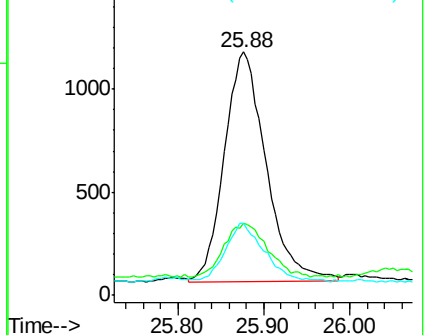
277 23.8 0.0 0.0#



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# 3322

Delta R.T. -0.01 min

Lab File: BE089966.D

Acq: 27 Jun 2015 8:45

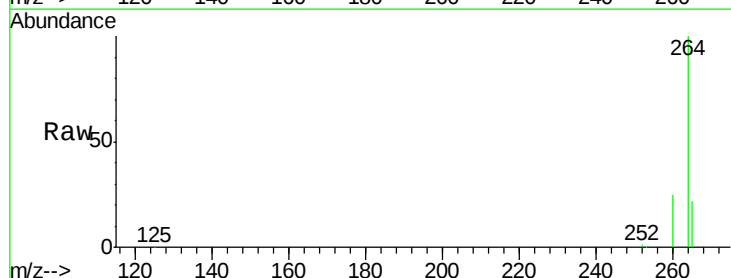
Tgt Ion:264 Resp: 184318

Ion Ratio Lower Upper

264 100

260 25.3 19.8 29.6

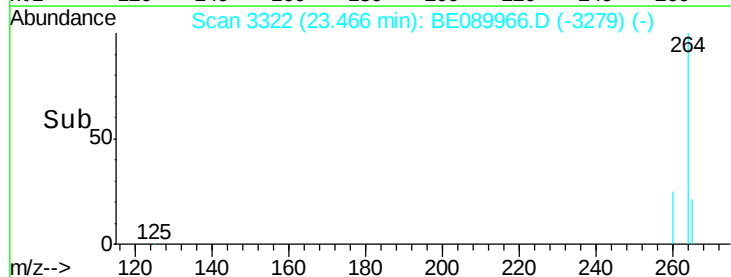
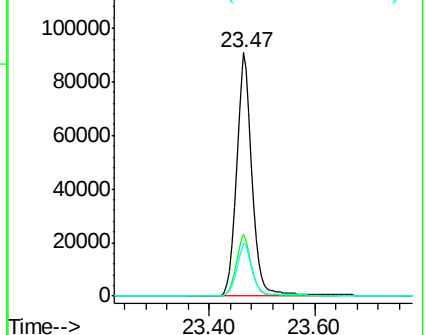
265 21.7 17.3 25.9

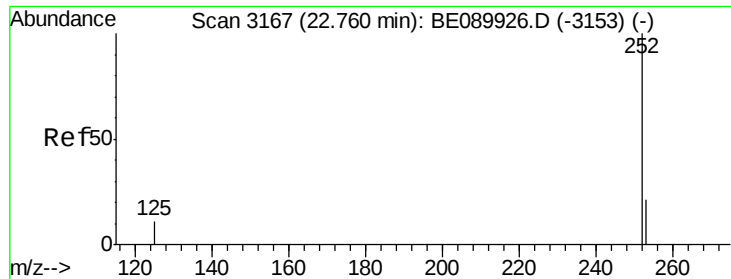


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#33

Benzo(b)fluoranthene

Concen: 0.16 ng

RT: 22.76 min Scan# 3166

Delta R.T. -0.01 min

Lab File: BE089966.D

Acq: 27 Jun 2015 8:45

Instrument :

BNA_E

ClientSampleId :

X3SS0220006-150624

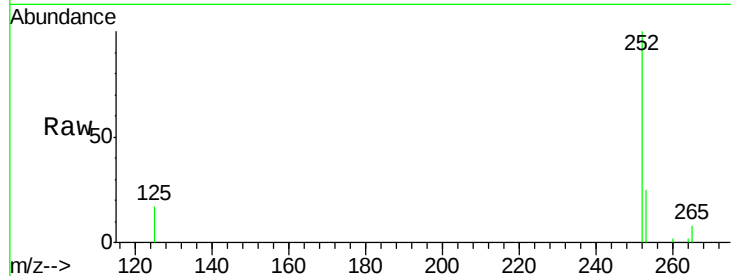
Tgt Ion:252 Resp: 6242

Ion Ratio Lower Upper

252 100

253 25.3 17.3 25.9

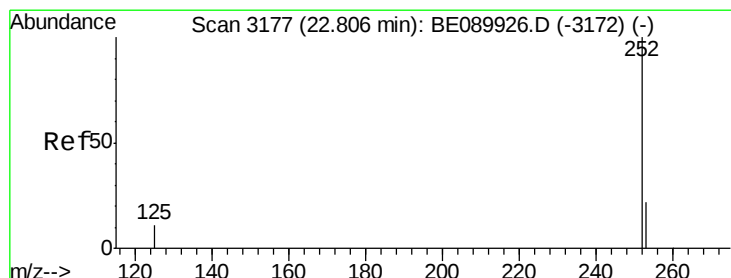
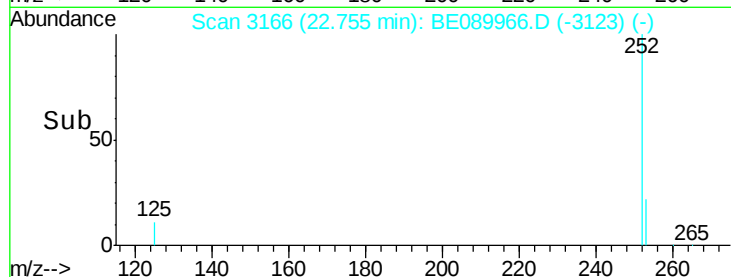
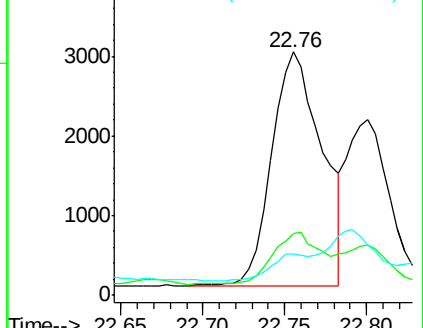
125 17.1 9.3 13.9#



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: 0.09 ng

RT: 22.80 min Scan# 3176

Delta R.T. -0.01 min

Lab File: BE089966.D

Acq: 27 Jun 2015 8:45

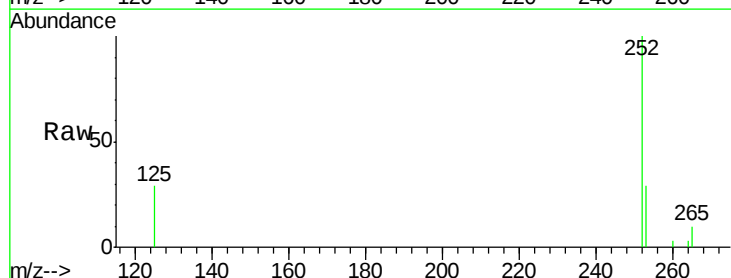
Tgt Ion:252 Resp: 3872

Ion Ratio Lower Upper

252 100

253 29.1 17.9 26.9#

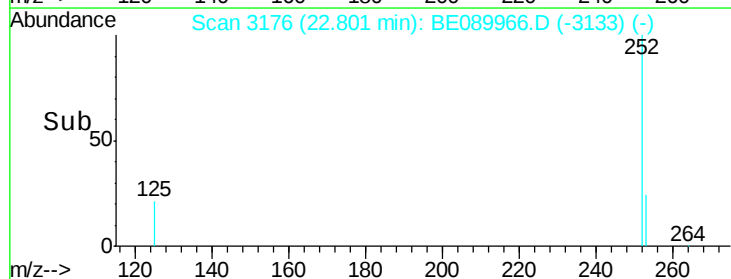
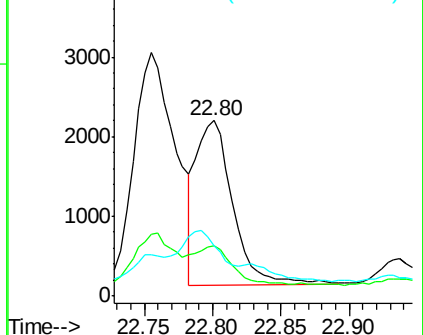
125 28.9 9.2 13.8#

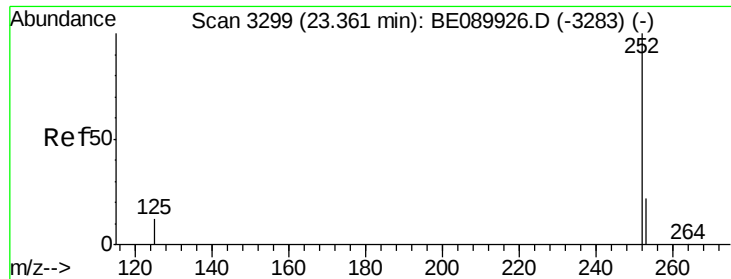


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#35

Benzo(a)pyrene

Concen: 0.13 ng

RT: 23.36 min Scan# 3298

Delta R.T. -0.01 min

Lab File: BE089966.D

Acq: 27 Jun 2015 8:45

Instrument :

BNA_E

ClientSampleId :

X3SS0220006-150624

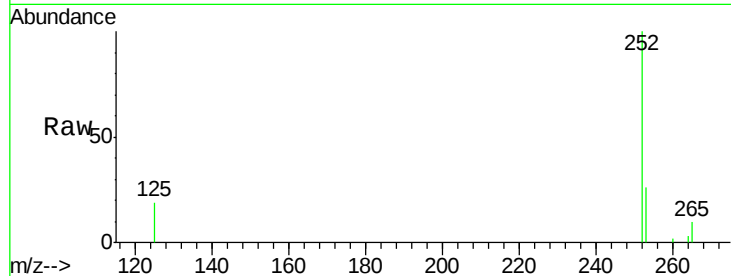
Tgt Ion: 252 Resp: 4461

Ion Ratio Lower Upper

252 100

253 25.5 17.8 26.6

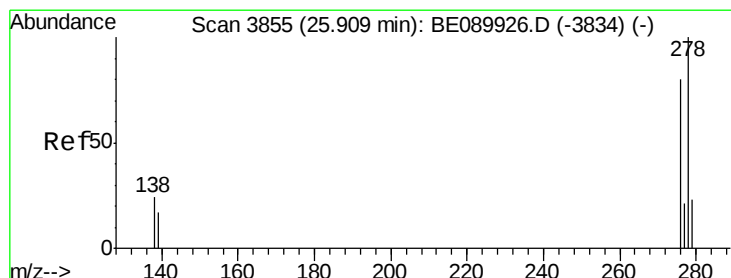
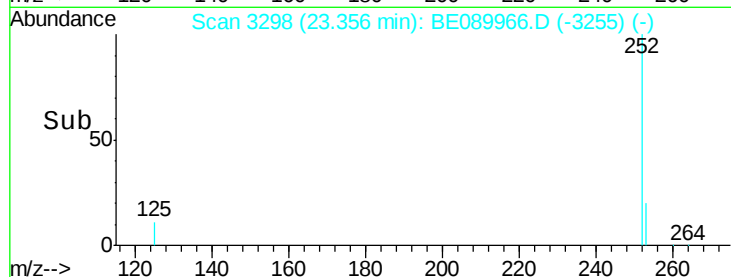
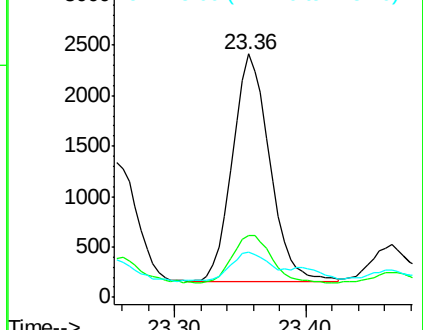
125 18.6 10.3 15.5#



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: 0.06 ng

RT: 25.90 min Scan# 3853

Delta R.T. -0.01 min

Lab File: BE089966.D

Acq: 27 Jun 2015 8:45

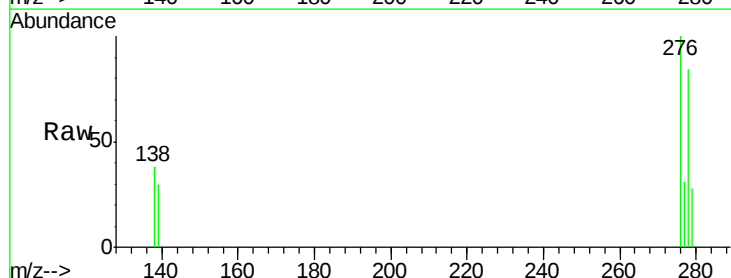
Tgt Ion: 278 Resp: 1831

Ion Ratio Lower Upper

278 100

139 36.2 14.1 21.1#

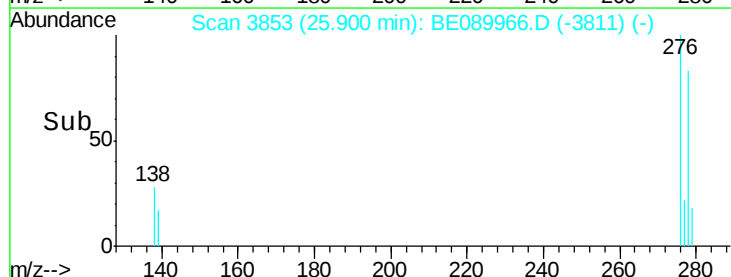
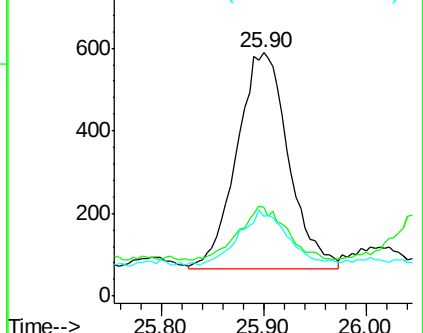
279 32.9 19.0 28.6#

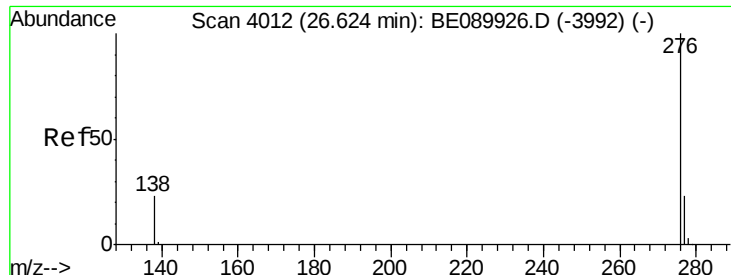


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.10 ng

RT: 26.62 min Scan# 4011

Delta R.T. -0.00 min

Lab File: BE089966.D

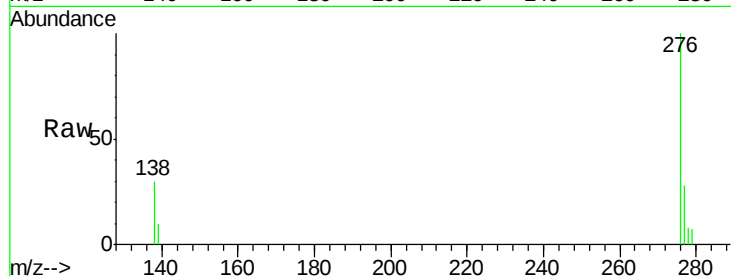
Acq: 27 Jun 2015 8:45

Instrument :

BNA_E

ClientSampleId :

X3SS0220006-150624



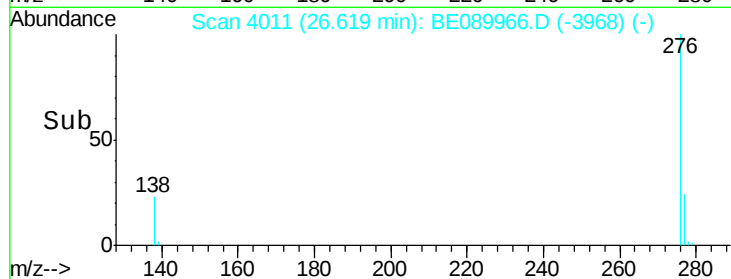
Tgt Ion: 276 Resp: 3592

Ion Ratio Lower Upper

276 100

277 28.4 19.0 28.4

138 30.3 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

