

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062915\
 Data File : BE089987.D
 Acq On : 29 Jun 2015 17:21
 Operator : TP/IZ
 Sample : SSTDICC0.5
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.5

Quant Time: Jun 30 06:06:59 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-SIM-BE062915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 30 06:02:58 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	24782	5.00	ng	0.00
6) Naphthalene-d8	10.38	136	104415	5.00	ng	0.00
12) Acenaphthene-d10	14.23	164	62646	5.00	ng	0.00
18) Phenanthrene-d10	16.98	188	153525	5.00	ng	0.00
25) Chrysene-d12	21.13	240	189974	5.00	ng	0.00
32) Perylene-d12	23.46	264	185618	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.25	112	2609	0.56	ng	0.00
5) Phenol-d6	6.80	99	3623	0.51	ng	0.00
7) Nitrobenzene-d5	8.76	82	3805	0.48	ng	0.00
13) 2,4,6-Tribromophenol	15.73	330	761	0.80	ng	0.00
14) 2-Fluorobiphenyl	12.86	172	8934	0.48	ng	0.00
27) Terphenyl-d14	19.59	244	15222	0.46	ng	0.00

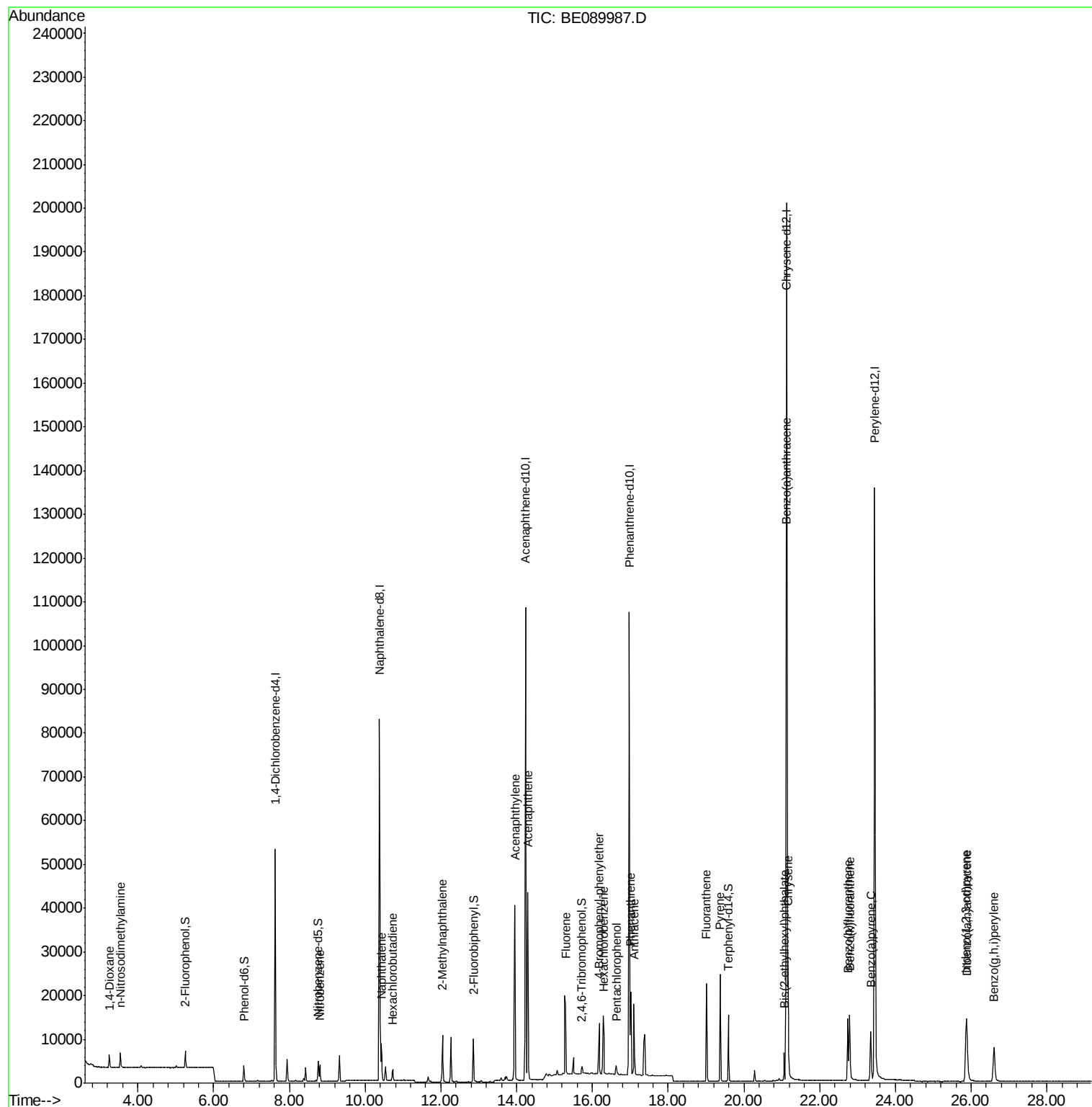
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.25	88	1704	0.50	ng	95
3) n-Nitrosodimethylamine	3.53	42	2256	0.50	ng	# 94
8) Nitrobenzene	8.80	77	4046	0.48	ng	99
9) Naphthalene	10.43	128	11273	0.48	ng	99
10) Hexachlorobutadiene	10.72	225	1780	0.48	ng	99
11) 2-Methylnaphthalene	12.04	142	7432	0.46	ng	98
15) Acenaphthylene	13.95	152	52473	0.47	ng	100
16) Acenaphthene	14.30	154	7851	0.48	ng	99
17) Fluorene	15.29	166	10597	0.48	ng	100
19) 4-Bromophenyl-phenylether	16.18	248	3177	0.50	ng	97
20) Hexachlorobenzene	16.30	284	13206	0.48	ng	100
21) Pentachlorophenol	16.63	266	1088	0.86	ng	99
22) Phenanthrene	17.01	178	19072	0.49	ng	100
23) Anthracene	17.10	178	17113	0.47	ng	100
24) Fluoranthene	19.02	202	20784	0.49	ng	100
26) Pyrene	19.38	202	21450	0.45	ng	99
28) Benzo(a)anthracene	21.11	228	22284	0.48	ng	100
29) Chrysene	21.16	228	23576	0.47	ng	97
30) Bis(2-ethylhexyl)phthalate	21.07	149	5423	0.96	ng	100
31) Indeno(1,2,3-cd)pyrene	25.87	276	21821	0.57	ng	100
33) Benzo(b)fluoranthene	22.75	252	18635	0.47	ng	99
34) Benzo(k)fluoranthene	22.79	252	21667	0.48	ng	99
35) Benzo(a)pyrene	23.35	252	17204	0.48	ng	98
36) Dibenzo(a,h)anthracene	25.89	278	17883	0.53	ng	97
37) Benzo(g,h,i)perylene	26.60	276	18309	0.51	ng	99

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

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Instrument :
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Quant Time: Jun 30 06:06:59 2015
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 30 06:02:58 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.62 min Scan# 854

Delta R.T. 0.00 min

Lab File: BE089987.D

Acq: 29 Jun 2015 17:21

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.5

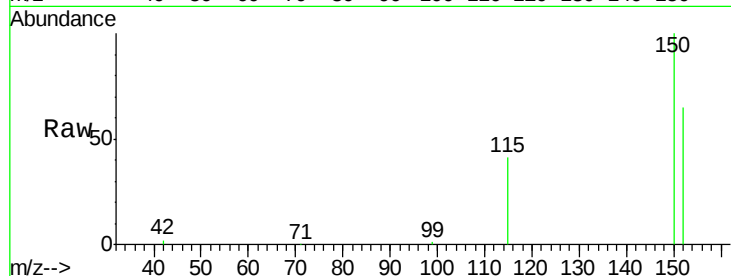
Tgt Ion:152 Resp: 24782

Ion Ratio Lower Upper

152 100

150 154.6 123.9 185.9

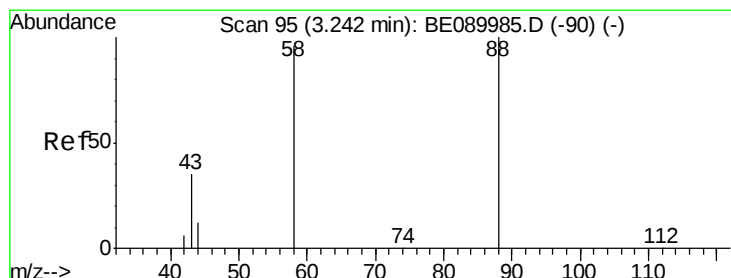
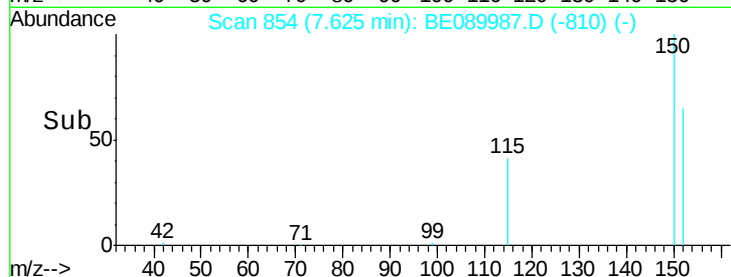
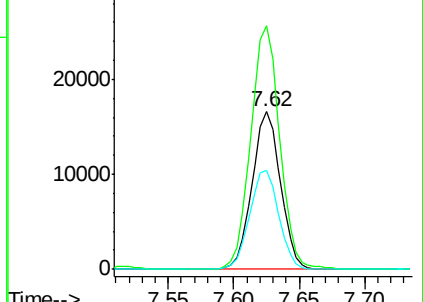
115 63.1 50.6 76.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.50 ng

RT: 3.25 min Scan# 96

Delta R.T. 0.01 min

Lab File: BE089987.D

Acq: 29 Jun 2015 17:21

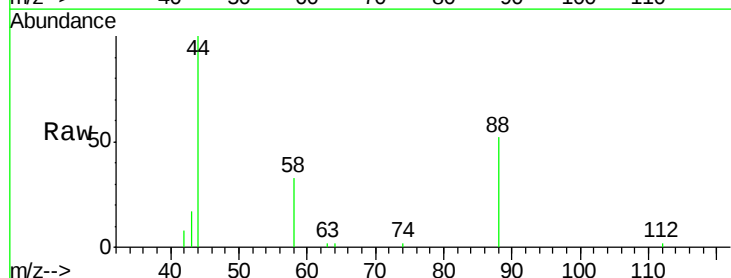
Tgt Ion: 88 Resp: 1704

Ion Ratio Lower Upper

88 100

58 83.5 70.9 106.3

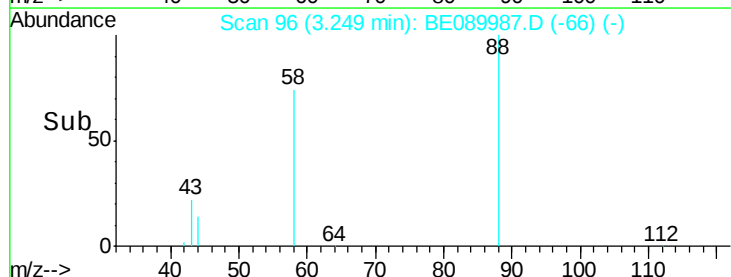
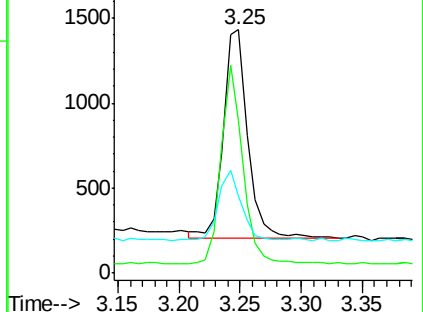
43 32.2 27.6 41.4

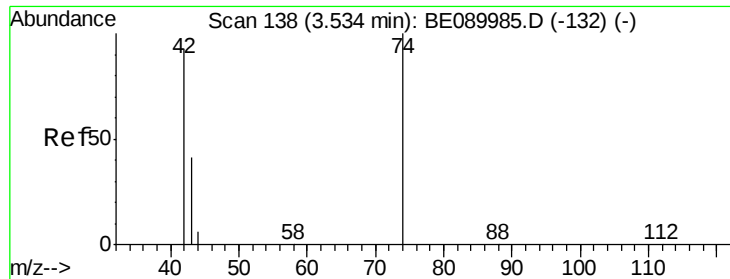


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



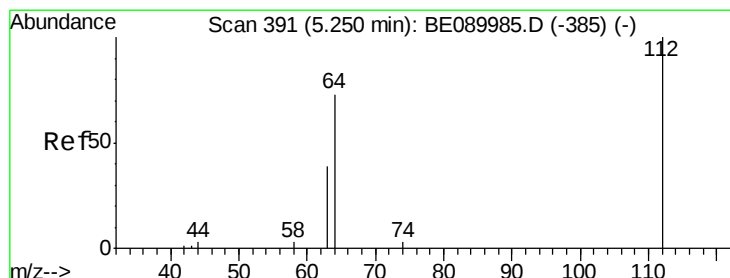
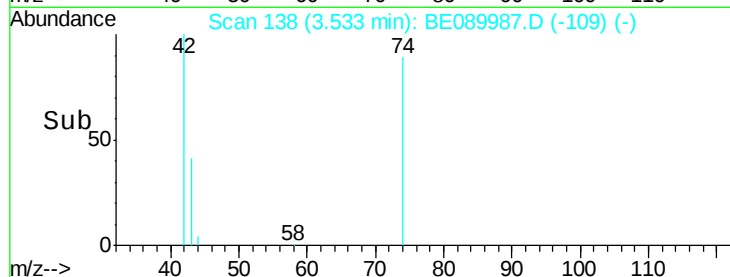
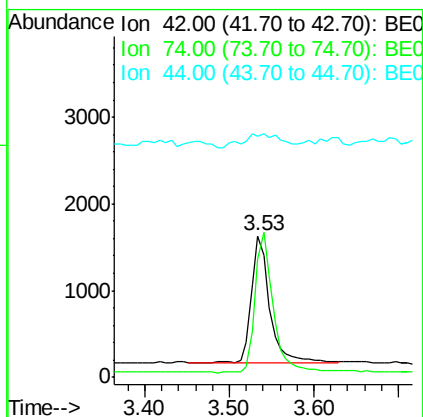
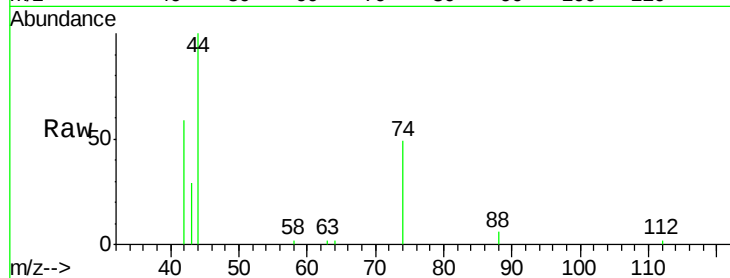


#3

n-Nitrosodimethylamine
 Concen: 0.50 ng
 RT: 3.53 min Scan# 138
 Delta R.T. -0.00 min
 Lab File: BE089987.D
 Acq: 29 Jun 2015 17:21

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.5

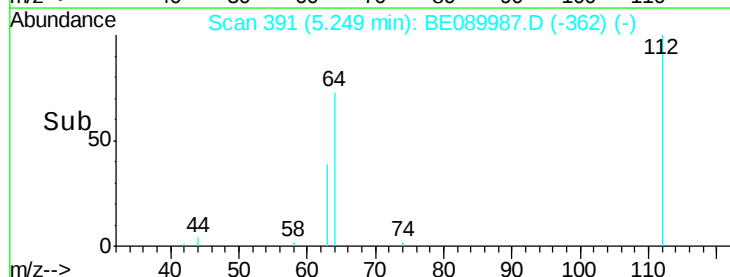
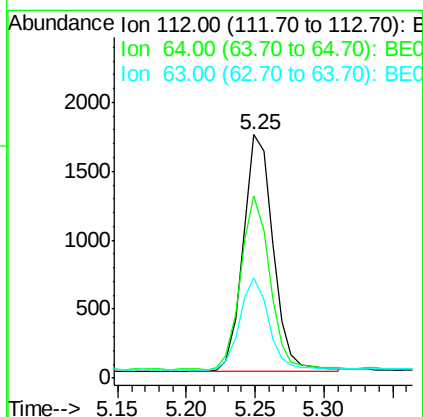
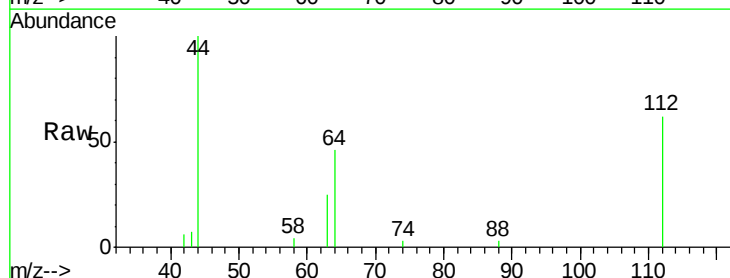
Tgt Ion: 42 Resp: 2256
 Ion Ratio Lower Upper
 42 100
 74 107.9 89.4 134.2
 44 21.5 6.9 10.3#

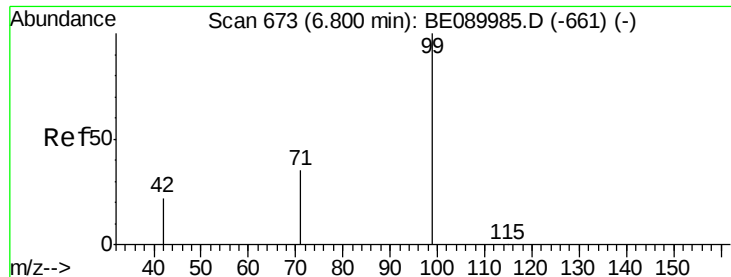


#4

2-Fluorophenol
 Concen: 0.56 ng
 RT: 5.25 min Scan# 391
 Delta R.T. -0.00 min
 Lab File: BE089987.D
 Acq: 29 Jun 2015 17:21

Tgt Ion: 112 Resp: 2609
 Ion Ratio Lower Upper
 112 100
 64 72.1 56.3 84.5
 63 37.2 29.8 44.6





#5

Phenol-d6

Concen: 0.51 ng

RT: 6.80 min Scan# 673

Delta R.T. 0.00 min

Lab File: BE089987.D

Acq: 29 Jun 2015 17:21

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.5

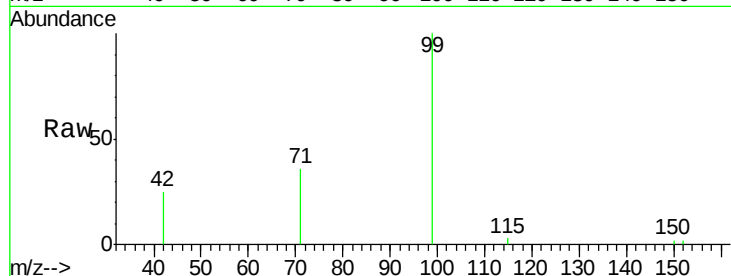
Tgt Ion: 99 Resp: 3623

Ion Ratio Lower Upper

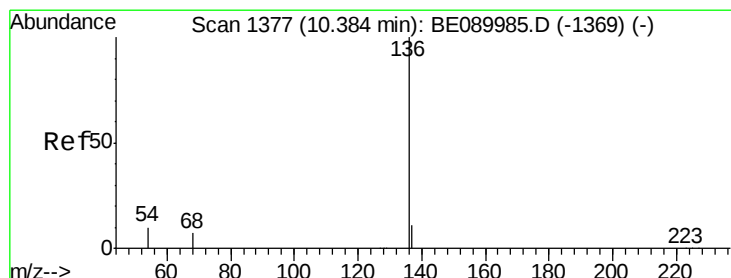
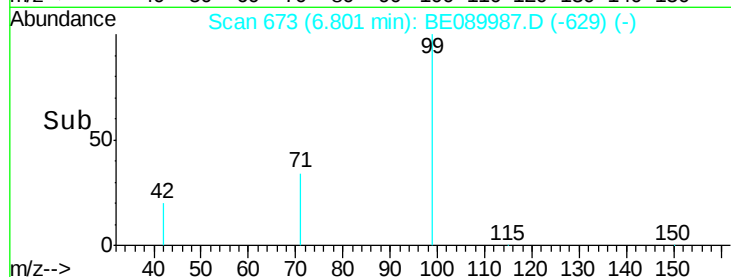
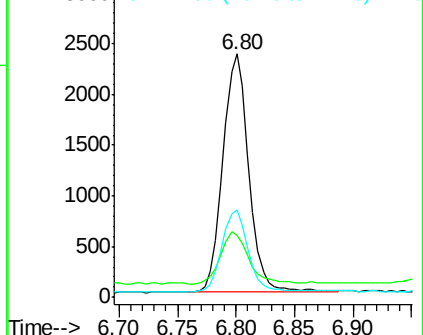
99 100

42 24.0 18.7 28.1

71 34.5 27.5 41.3



Abundance Ion 99.00 (98.70 to 99.70): BE0
Ion 42.00 (41.70 to 42.70): BE0
Ion 71.00 (70.70 to 71.70): BE0



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.38 min Scan# 1376

Delta R.T. -0.01 min

Lab File: BE089987.D

Acq: 29 Jun 2015 17:21

Tgt Ion: 136 Resp: 104415

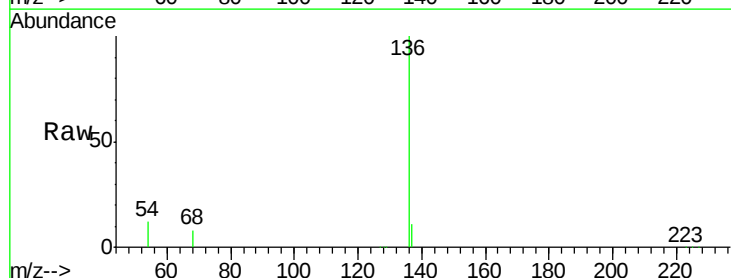
Ion Ratio Lower Upper

136 100

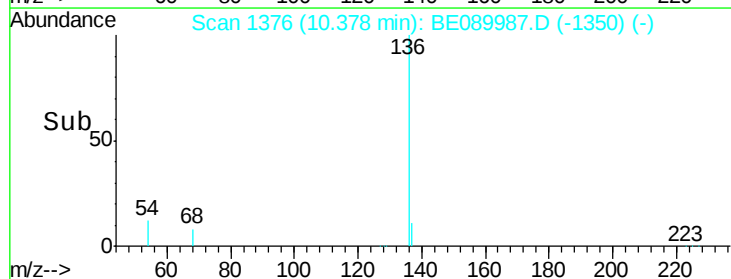
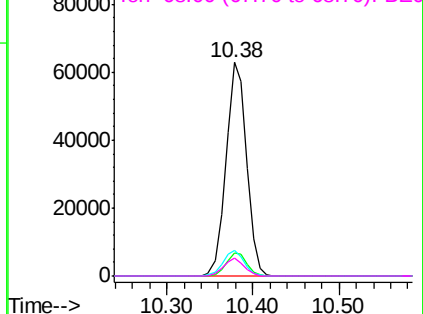
137 11.1 8.9 13.3

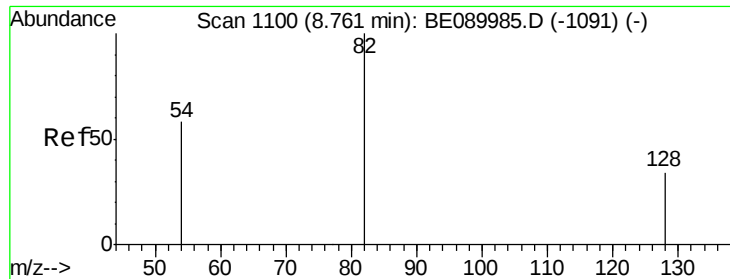
54 12.3 8.2 12.4

68 8.5 5.8 8.8



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





#7

Nitrobenzene-d5

Concen: 0.48 ng

RT: 8.76 min Scan# 1100

Delta R.T. -0.00 min

Lab File: BE089987.D

Acq: 29 Jun 2015 17:21

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.5

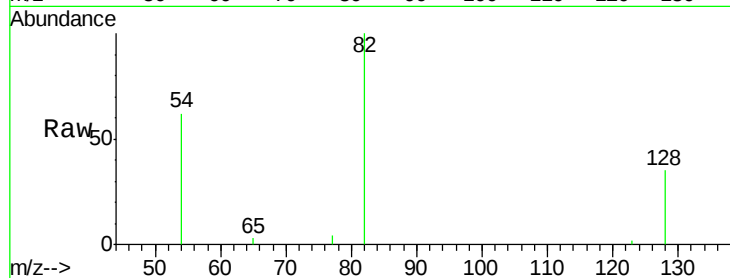
Tgt Ion: 82 Resp: 3805

Ion Ratio Lower Upper

82 100

128 34.9 28.0 42.0

54 62.0 47.6 71.4



Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0

8.76

2500

2000

1500

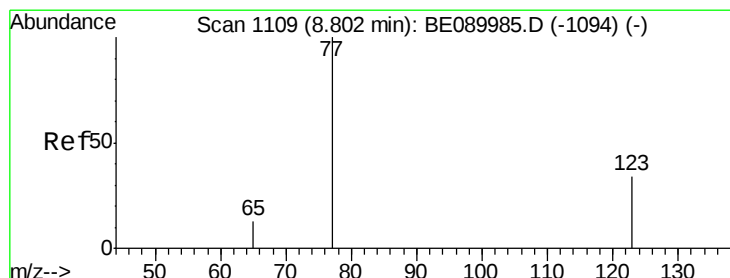
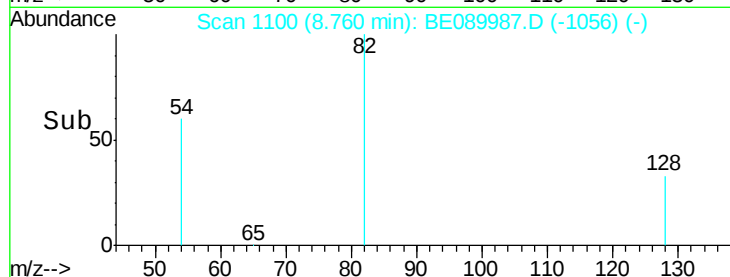
1000

500

0

8.70 8.75 8.80

Time-->



#8

Nitrobenzene

Concen: 0.48 ng

RT: 8.80 min Scan# 1109

Delta R.T. -0.00 min

Lab File: BE089987.D

Acq: 29 Jun 2015 17:21

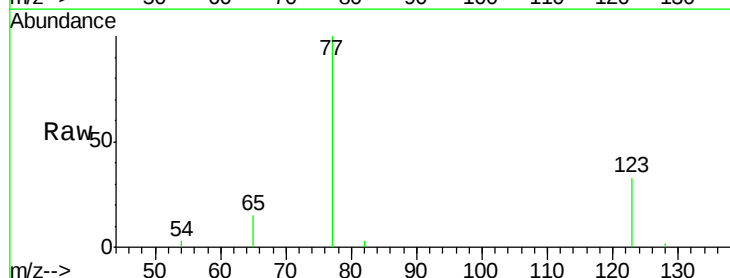
Tgt Ion: 77 Resp: 4046

Ion Ratio Lower Upper

77 100

123 33.9 27.4 41.0

65 12.8 10.6 15.8



Abundance Ion 77.00 (76.70 to 77.70): BE0

Ion 123.00 (122.70 to 123.70): BE0

Ion 65.00 (64.70 to 65.70): BE0

8.80

3000

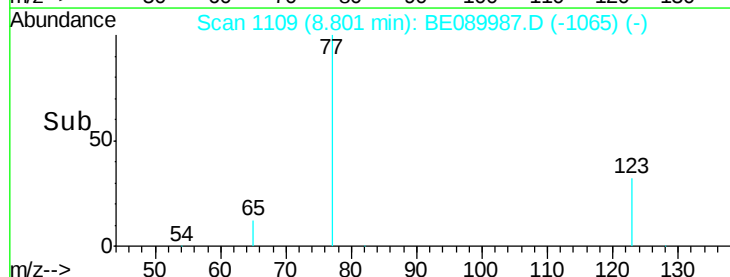
2000

1000

0

8.70 8.75 8.80 8.85

Time-->





#9

Naphthalene

Concen: 0.48 ng

RT: 10.43 min Scan# 1383

Delta R.T. 0.00 min

Lab File: BE089987.D

Acq: 29 Jun 2015 17:21

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.5

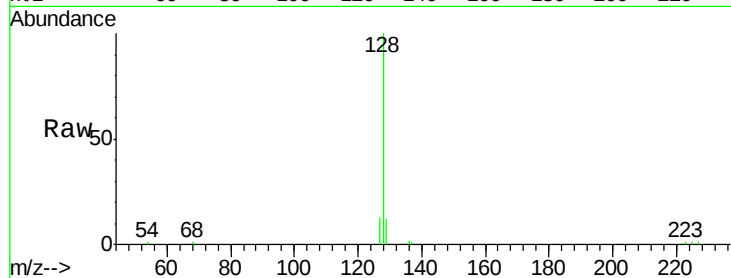
Tgt Ion:128 Resp: 11273

Ion Ratio Lower Upper

128 100

129 11.9 9.3 13.9

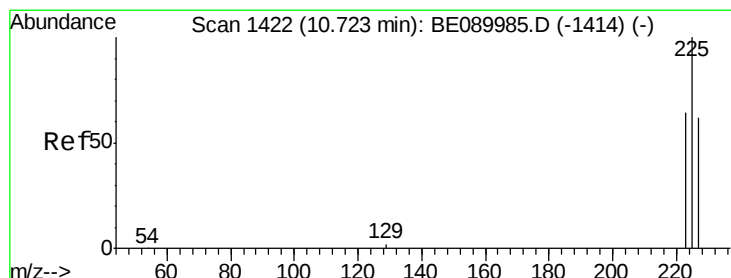
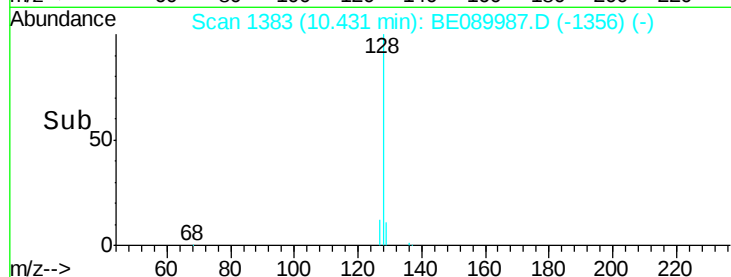
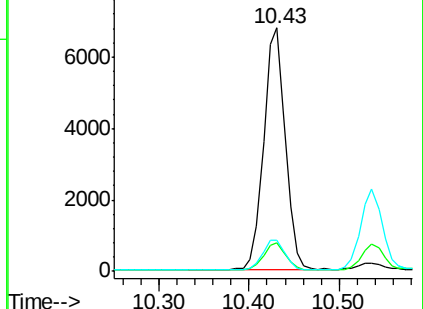
127 13.0 10.2 15.4



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: 0.48 ng

RT: 10.72 min Scan# 1422

Delta R.T. 0.00 min

Lab File: BE089987.D

Acq: 29 Jun 2015 17:21

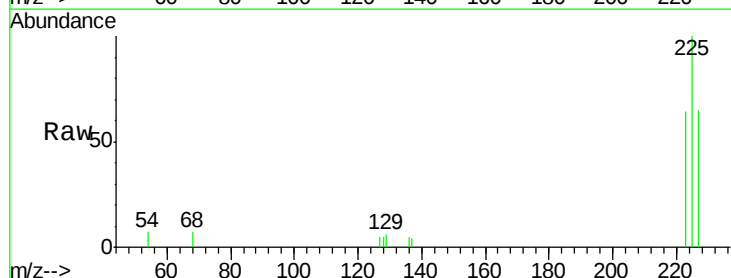
Tgt Ion:225 Resp: 1780

Ion Ratio Lower Upper

225 100

223 63.0 50.1 75.1

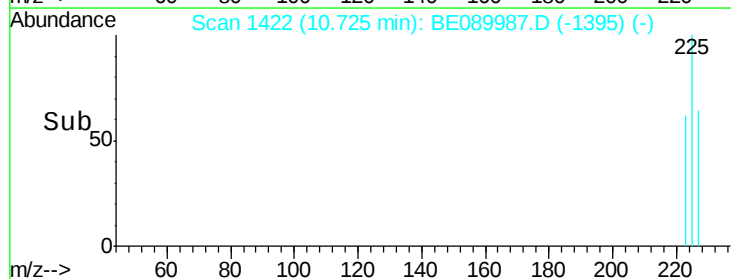
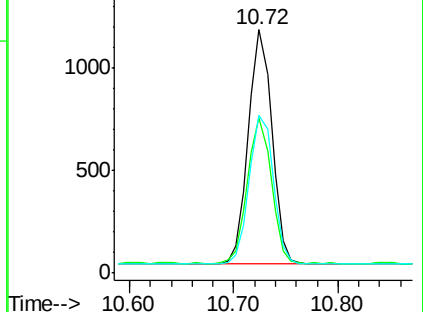
227 64.8 50.9 76.3

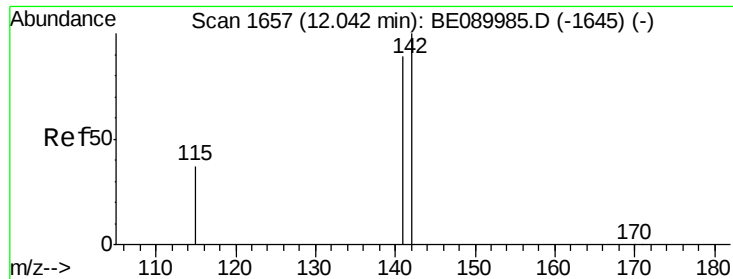


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

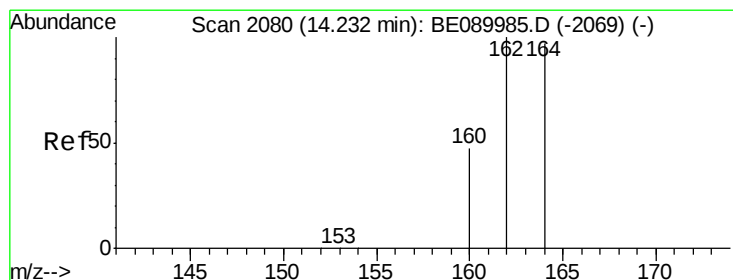
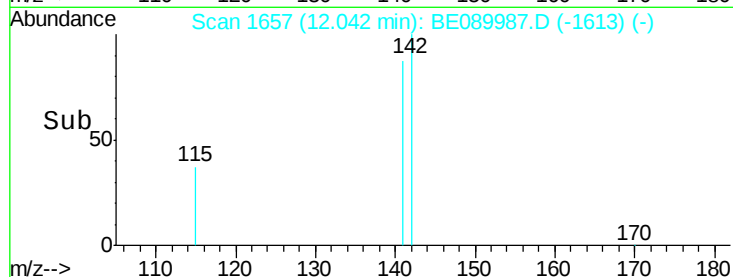
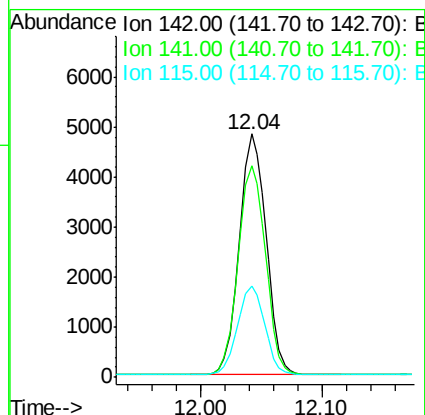
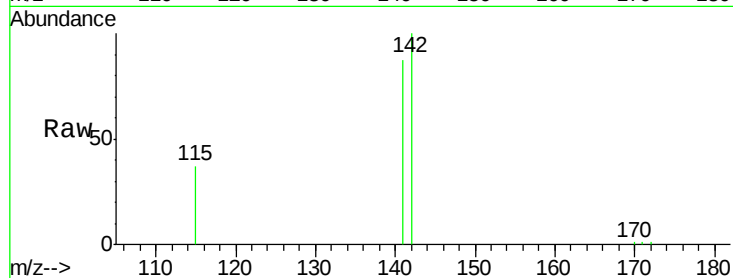




#11
2-Methylnaphthalene
Concen: 0.46 ng
RT: 12.04 min Scan# 1657
Delta R.T. -0.00 min
Lab File: BE089987.D
Acq: 29 Jun 2015 17:21

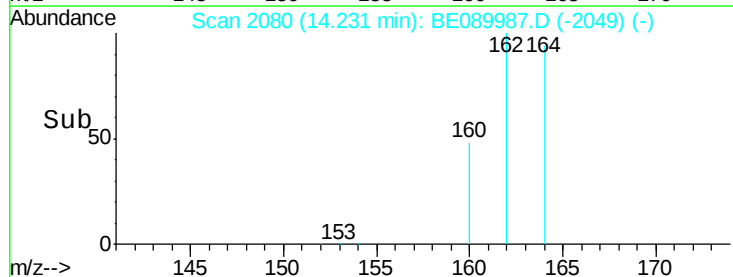
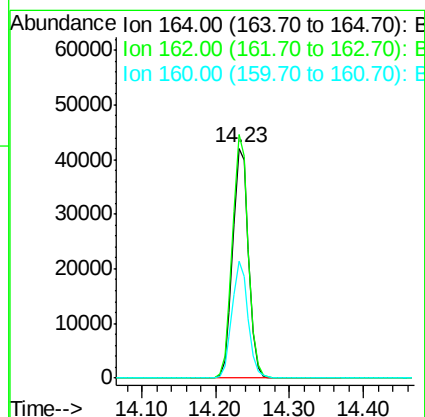
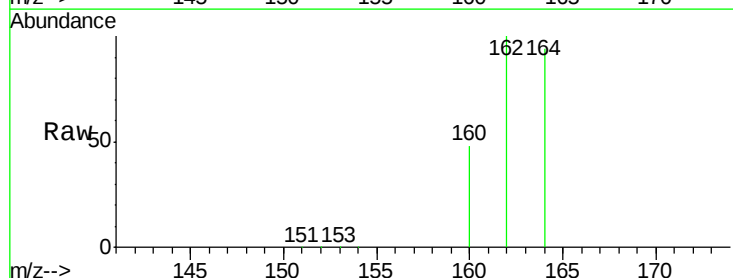
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.5

Tgt Ion:142 Resp: 7432
Ion Ratio Lower Upper
142 100
141 86.8 71.3 106.9
115 37.4 30.4 45.6



#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.23 min Scan# 2080
Delta R.T. -0.00 min
Lab File: BE089987.D
Acq: 29 Jun 2015 17:21

Tgt Ion:164 Resp: 62646
Ion Ratio Lower Upper
164 100
162 106.0 82.2 123.4
160 50.9 39.0 58.6

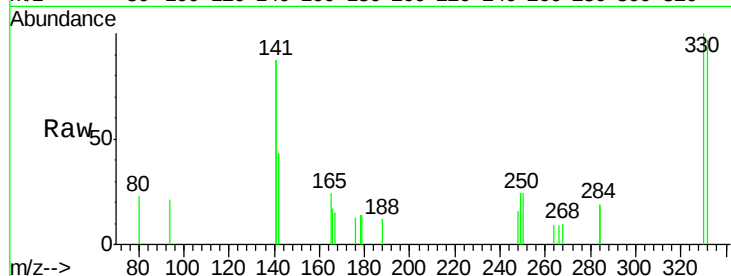




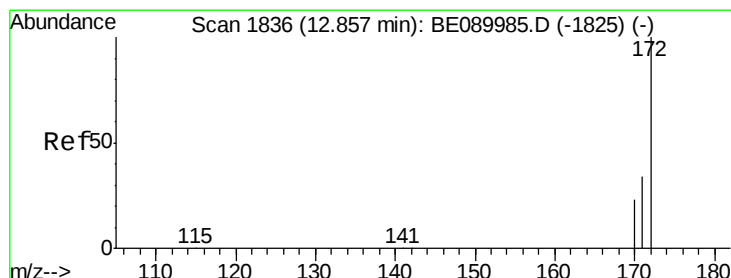
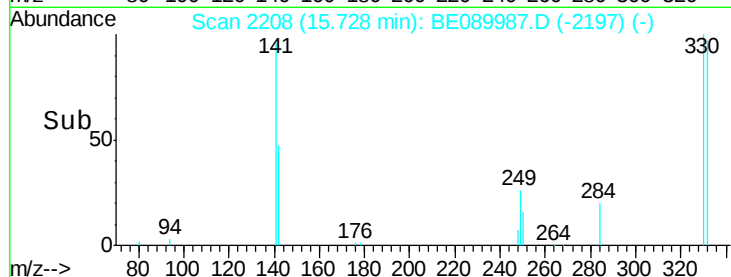
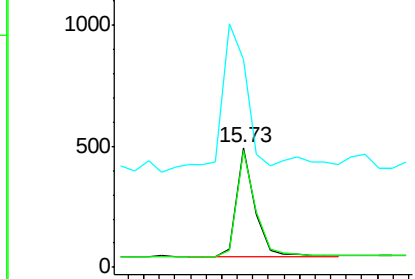
#13
 2,4,6-Tribromophenol
 Concen: 0.80 ng
 RT: 15.73 min Scan# 2208
 Delta R.T. 0.00 min
 Lab File: BE089987.D
 Acq: 29 Jun 2015 17:21

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.5

Tgt Ion:330 Resp: 761
 Ion Ratio Lower Upper
 330 100
 332 99.6 76.4 114.6
 141 180.6 130.3 195.5

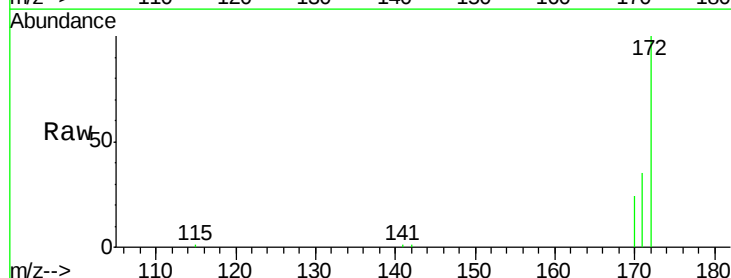


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

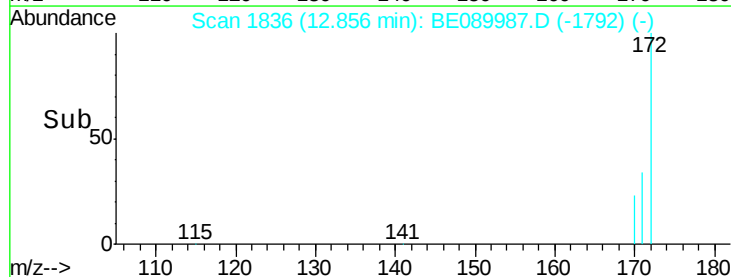
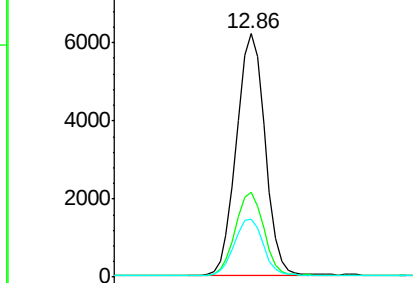


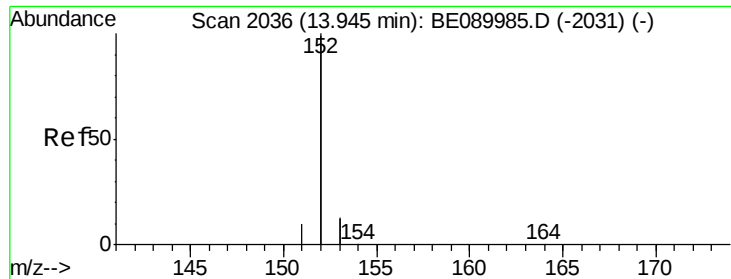
#14
 2-Fluorobiphenyl
 Concen: 0.48 ng
 RT: 12.86 min Scan# 1836
 Delta R.T. -0.00 min
 Lab File: BE089987.D
 Acq: 29 Jun 2015 17:21

Tgt Ion:172 Resp: 8934
 Ion Ratio Lower Upper
 172 100
 171 34.6 27.8 41.6
 170 23.8 18.3 27.5



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#15

Acenaphthylene

Concen: 0.47 ng

RT: 13.95 min Scan# 2037

Delta R.T. 0.01 min

Lab File: BE089987.D

Acq: 29 Jun 2015 17:21

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.5

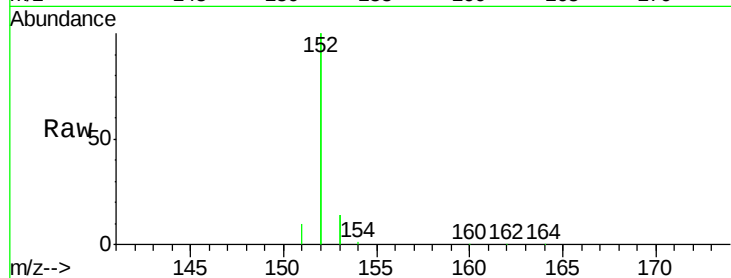
Tgt Ion:152 Resp: 52473

Ion Ratio Lower Upper

152 100

151 4.9 3.9 5.9

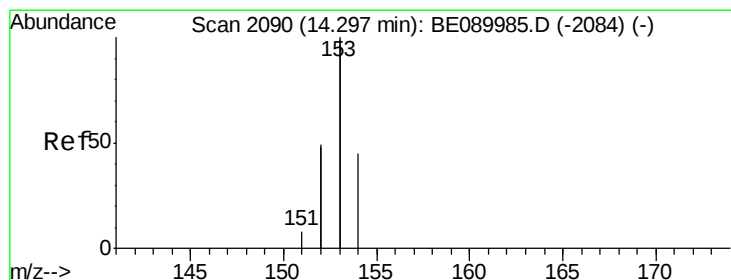
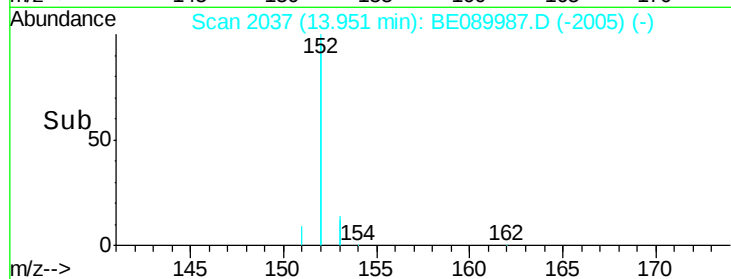
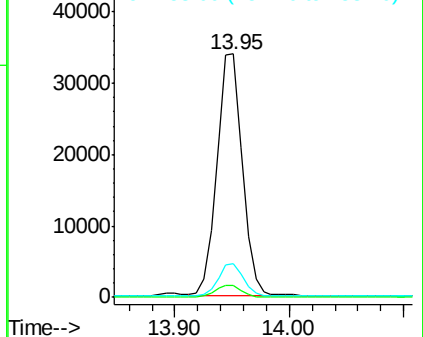
153 13.0 10.4 15.6



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: 0.48 ng

RT: 14.30 min Scan# 2090

Delta R.T. -0.00 min

Lab File: BE089987.D

Acq: 29 Jun 2015 17:21

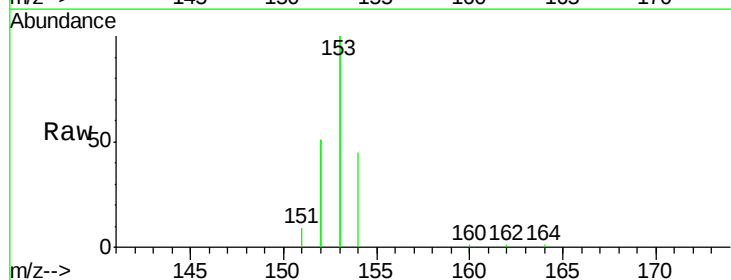
Tgt Ion:154 Resp: 7851

Ion Ratio Lower Upper

154 100

153 445.2 358.6 538.0

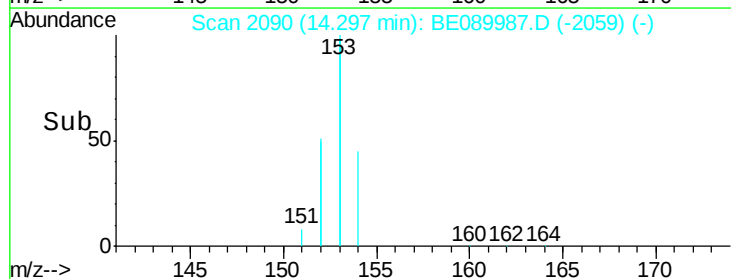
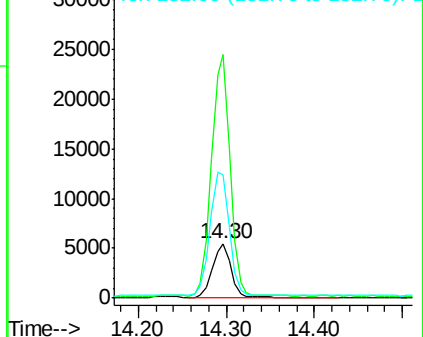
152 239.3 189.6 284.4

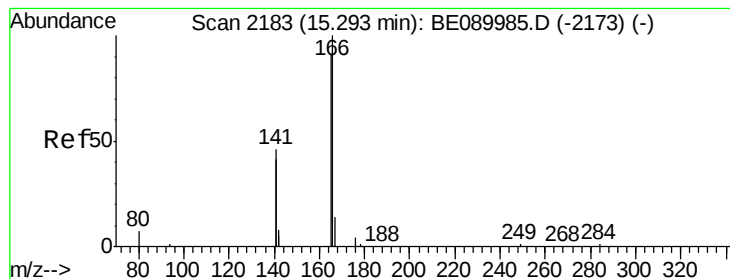


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#17

Fluorene

Concen: 0.48 ng

RT: 15.29 min Scan# 2183

Delta R.T. 0.00 min

Lab File: BE089987.D

Acq: 29 Jun 2015 17:21

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.5

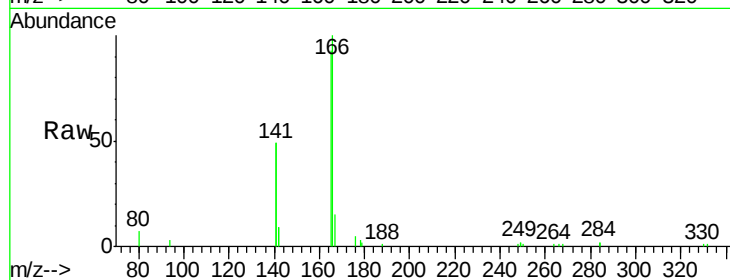
Tgt Ion:166 Resp: 10597

Ion Ratio Lower Upper

166 100

165 99.1 79.0 118.6

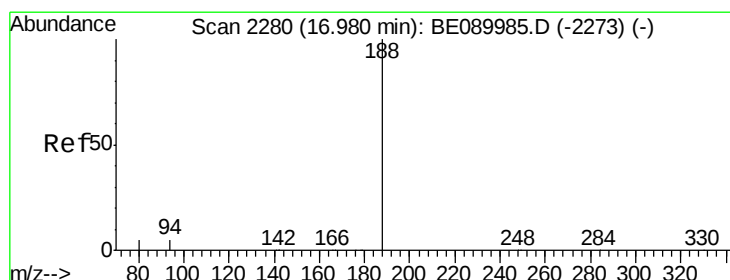
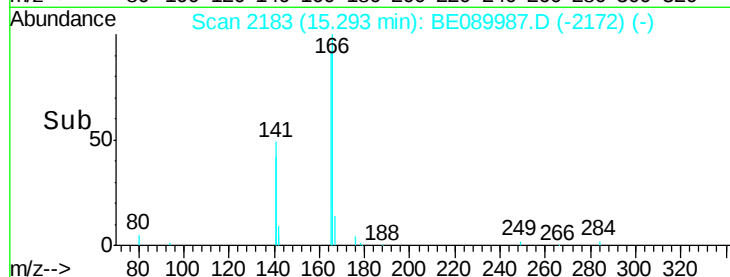
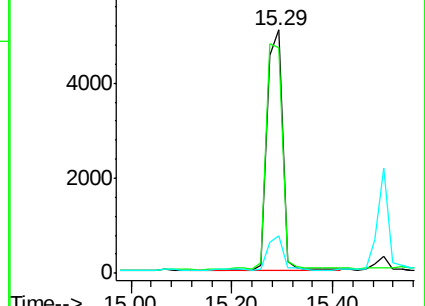
167 14.3 11.8 17.8



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# 2280

Delta R.T. 0.00 min

Lab File: BE089987.D

Acq: 29 Jun 2015 17:21

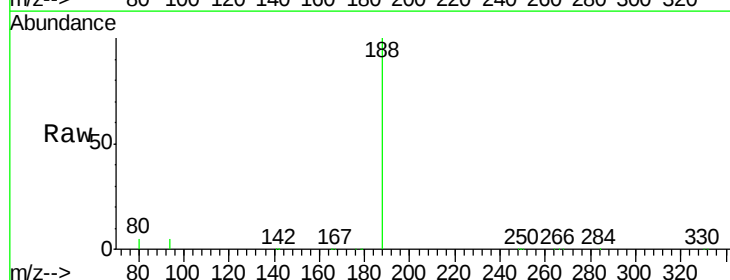
Tgt Ion:188 Resp: 153525

Ion Ratio Lower Upper

188 100

94 5.1 4.1 6.1

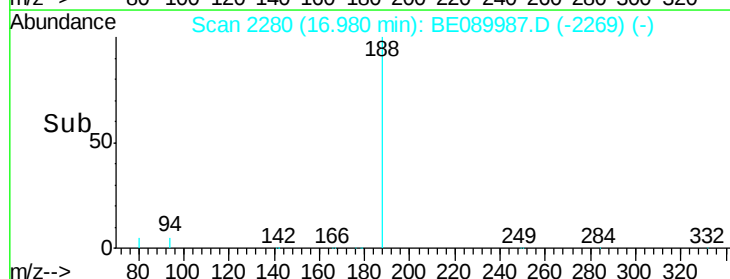
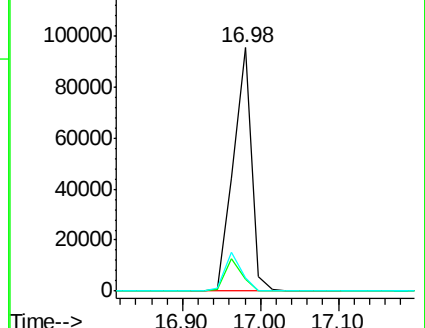
80 5.2 4.2 6.2



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: 0.50 ng

RT: 16.18 min Scan# 2234

Delta R.T. 0.00 min

Lab File: BE089987.D

Acq: 29 Jun 2015 17:21

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.5

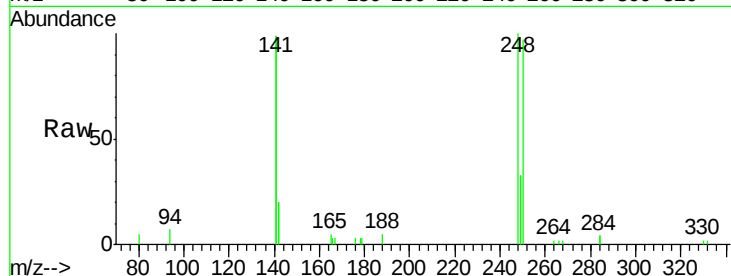
Tgt Ion:248 Resp: 3177

Ion Ratio Lower Upper

248 100

250 97.7 78.3 117.5

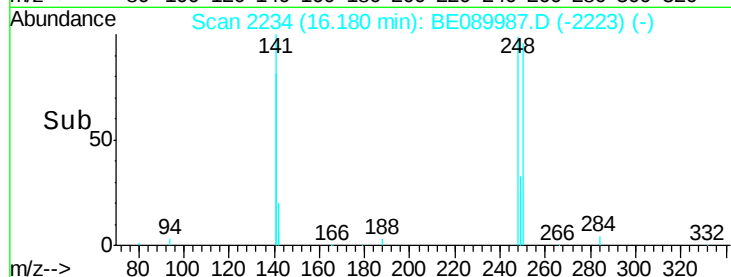
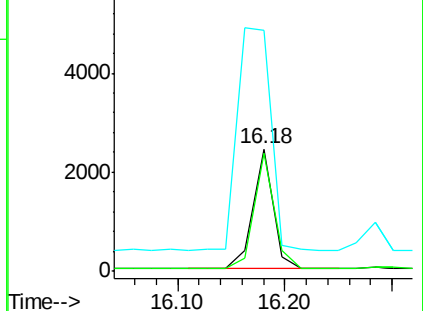
141 302.5 248.1 372.1



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#20

Hexachlorobenzene

Concen: 0.48 ng

RT: 16.30 min Scan# 2241

Delta R.T. 0.00 min

Lab File: BE089987.D

Acq: 29 Jun 2015 17:21

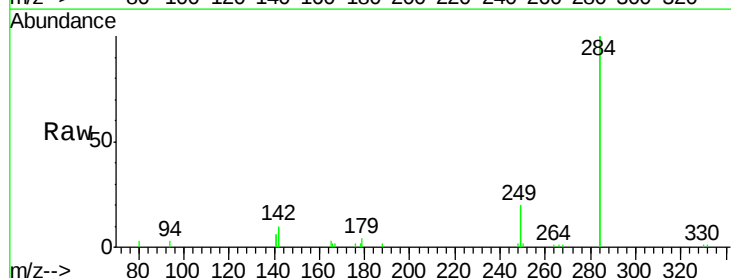
Tgt Ion:284 Resp: 13206

Ion Ratio Lower Upper

284 100

142 40.6 32.6 49.0

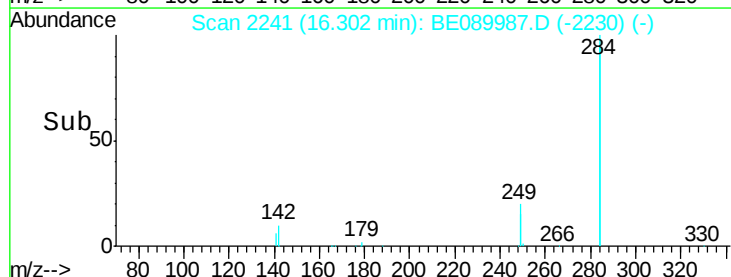
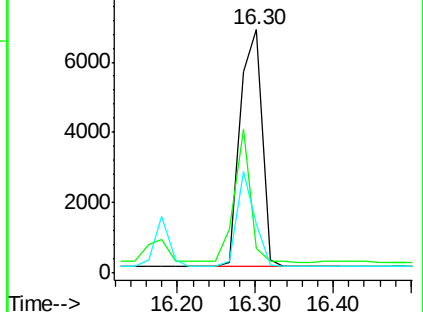
249 32.3 25.5 38.3



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

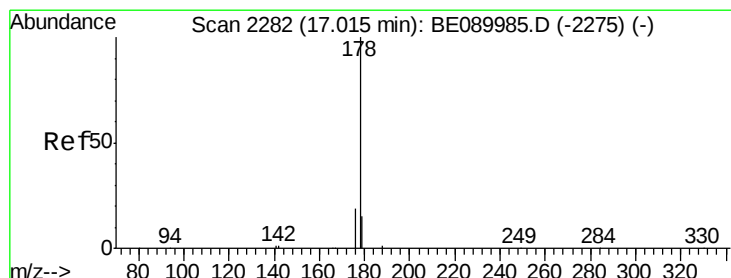
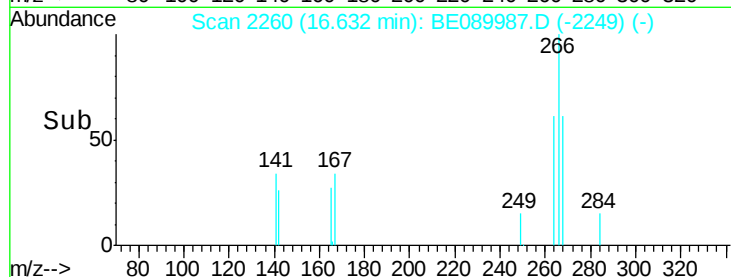
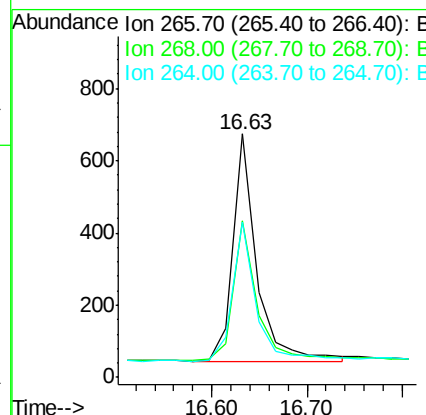
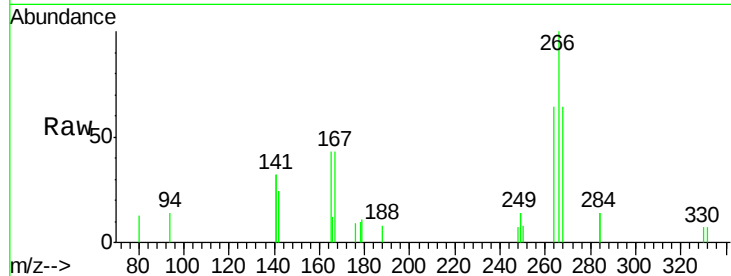




#21
 Pentachlorophenol
 Concen: 0.86 ng
 RT: 16.63 min Scan# 2260
 Delta R.T. 0.00 min
 Lab File: BE089987.D
 Acq: 29 Jun 2015 17:21

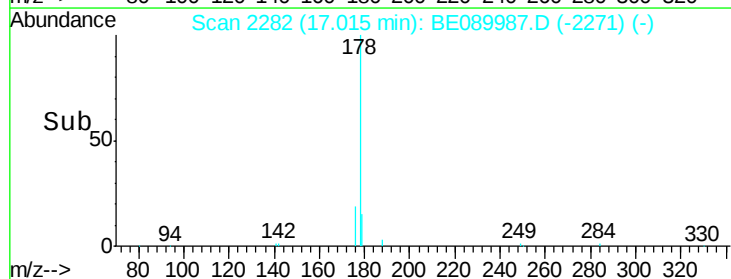
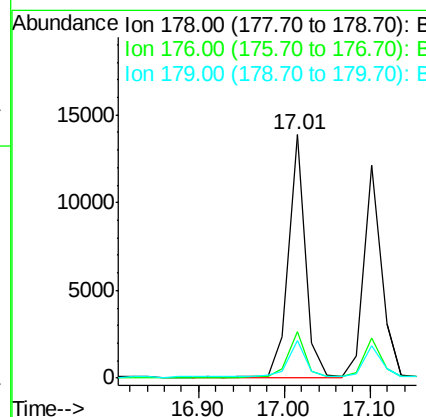
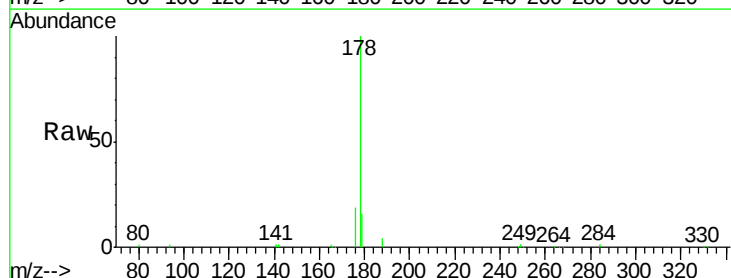
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.5

Tgt Ion: 266 Resp: 1088
 Ion Ratio Lower Upper
 266 100
 268 64.4 51.8 77.8
 264 63.8 50.2 75.2



#22
 Phenanthrene
 Concen: 0.49 ng
 RT: 17.01 min Scan# 2282
 Delta R.T. 0.00 min
 Lab File: BE089987.D
 Acq: 29 Jun 2015 17:21

Tgt Ion: 178 Resp: 19072
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.3 22.9
 179 15.8 12.4 18.6





#23

Anthracene

Concen: 0.47 ng

RT: 17.10 min Scan# 2287

Delta R.T. 0.00 min

Lab File: BE089987.D

Acq: 29 Jun 2015 17:21

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.5

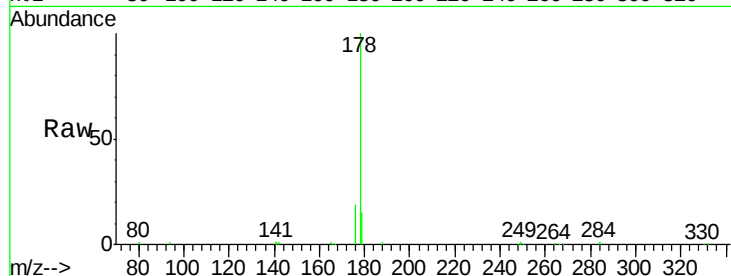
Tgt Ion:178 Resp: 17113

Ion Ratio Lower Upper

178 100

176 18.4 14.7 22.1

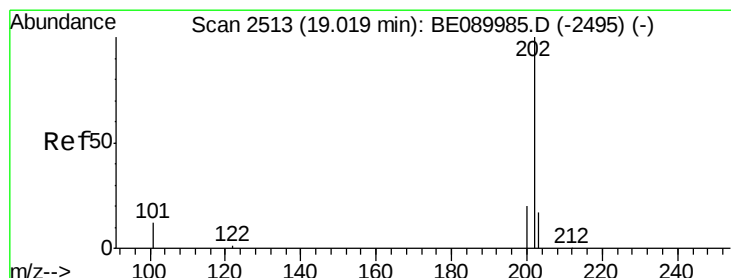
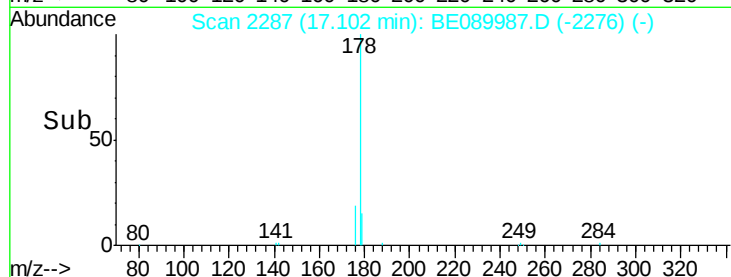
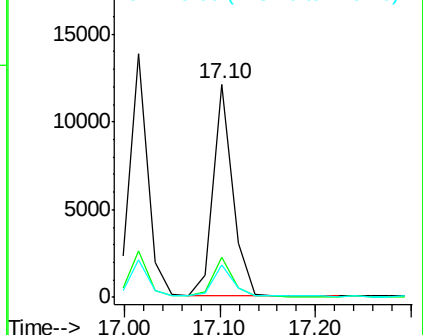
179 15.4 12.1 18.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Fluoranthene

Concen: 0.49 ng

RT: 19.02 min Scan# 2513

Delta R.T. -0.00 min

Lab File: BE089987.D

Acq: 29 Jun 2015 17:21

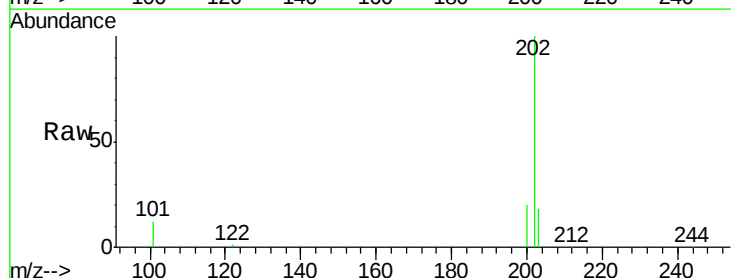
Tgt Ion:202 Resp: 20784

Ion Ratio Lower Upper

202 100

101 13.1 10.6 15.8

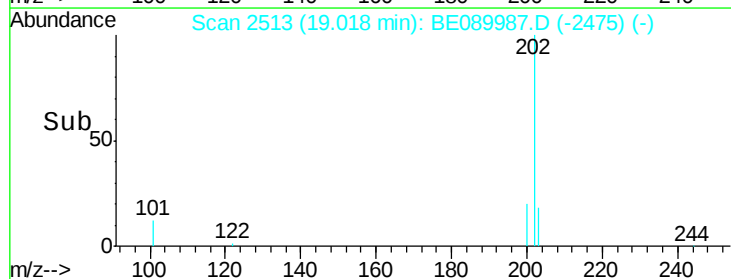
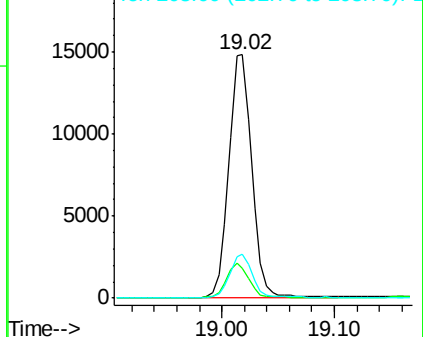
203 17.1 13.8 20.6

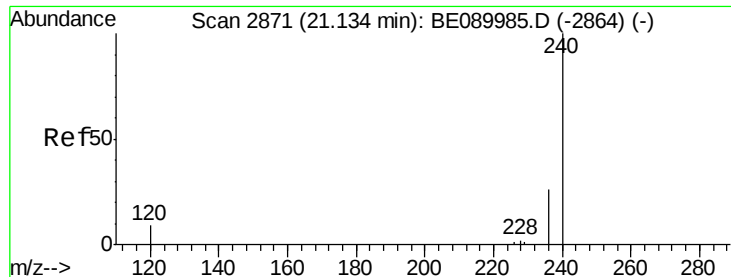


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.13 min Scan# 2871

Delta R.T. 0.00 min

Lab File: BE089987.D

Acq: 29 Jun 2015 17:21

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.5

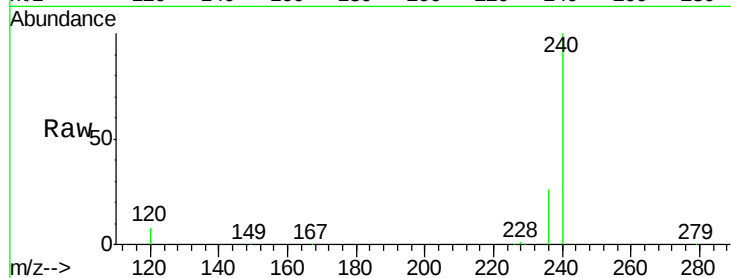
Tgt Ion:240 Resp: 189974

Ion Ratio Lower Upper

240 100

120 7.6 6.9 10.3

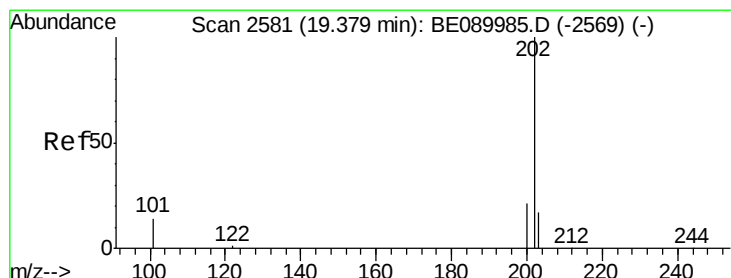
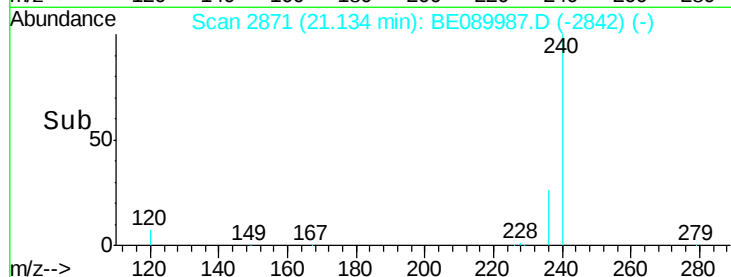
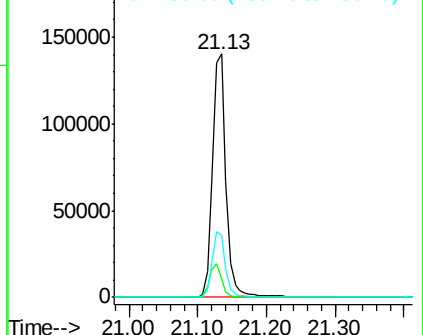
236 25.6 20.8 31.2



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#26

Pyrene

Concen: 0.45 ng

RT: 19.38 min Scan# 2581

Delta R.T. -0.00 min

Lab File: BE089987.D

Acq: 29 Jun 2015 17:21

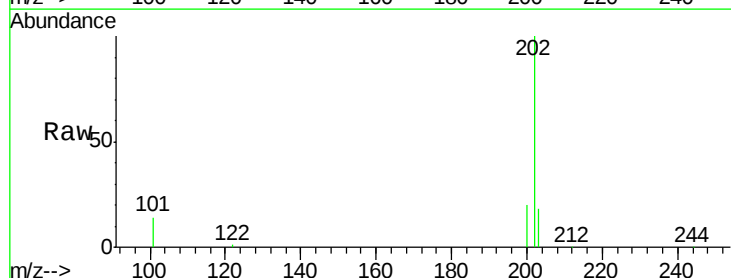
Tgt Ion:202 Resp: 21450

Ion Ratio Lower Upper

202 100

200 20.6 16.8 25.2

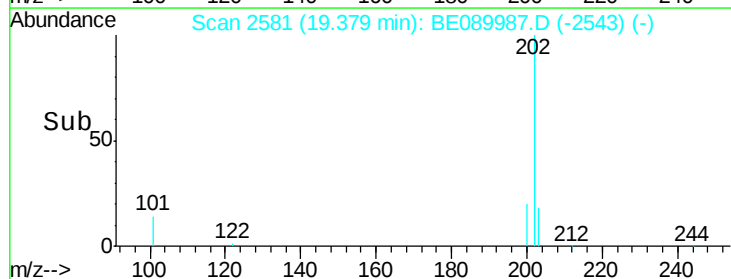
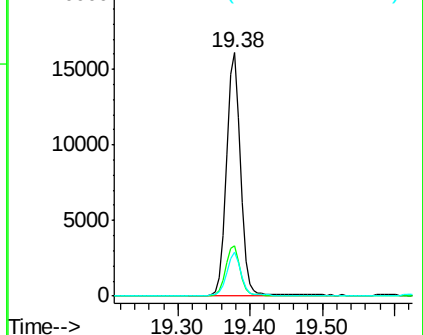
203 17.5 13.9 20.9

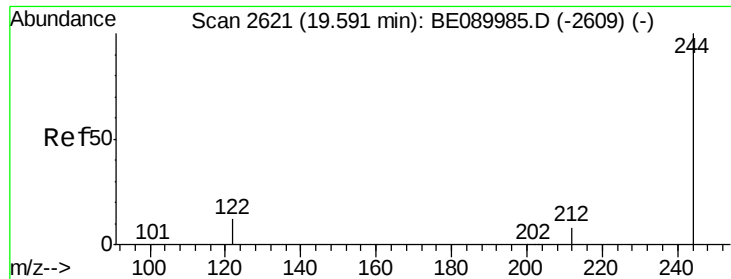


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

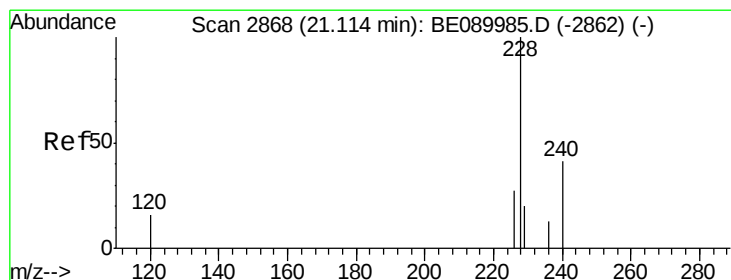
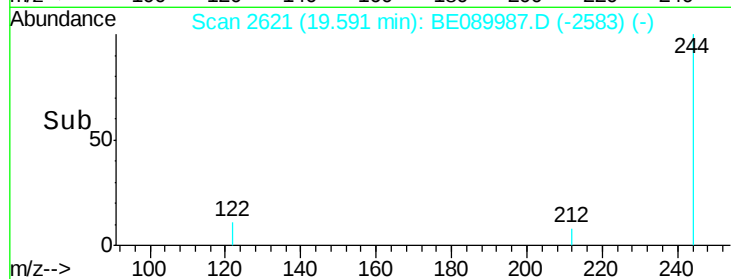
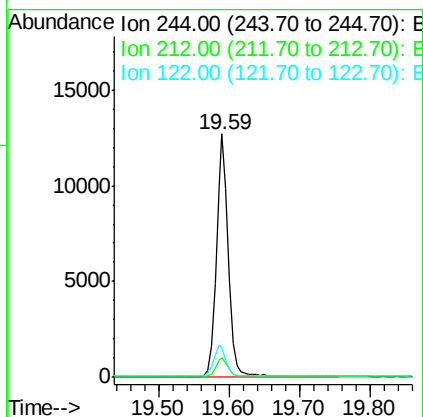
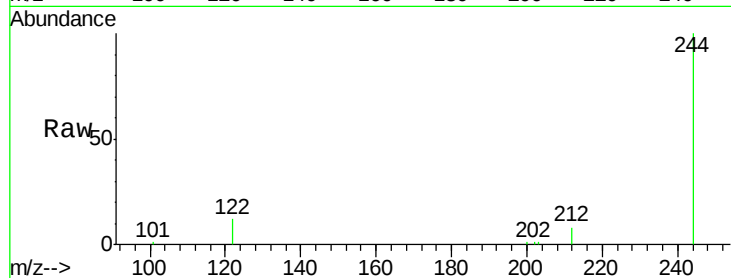




#27
 Terphenyl-d14
 Concen: 0.46 ng
 RT: 19.59 min Scan# 2621
 Delta R.T. -0.00 min
 Lab File: BE089987.D
 Acq: 29 Jun 2015 17:21

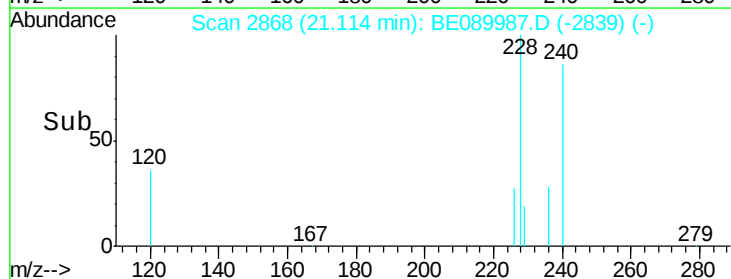
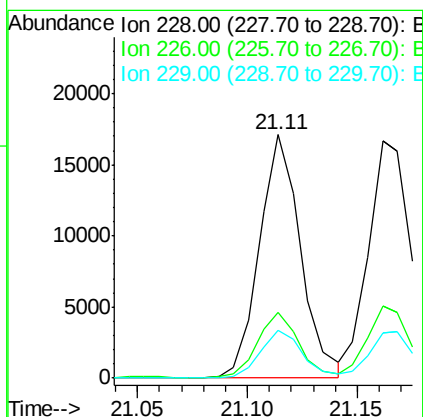
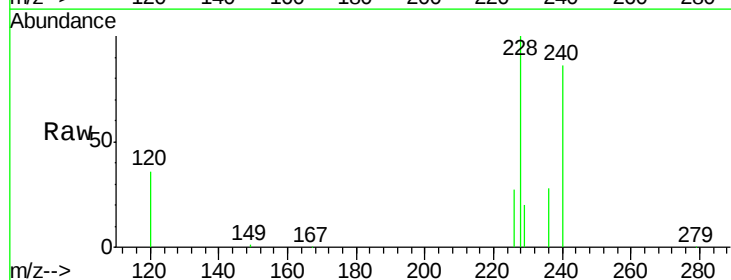
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.5

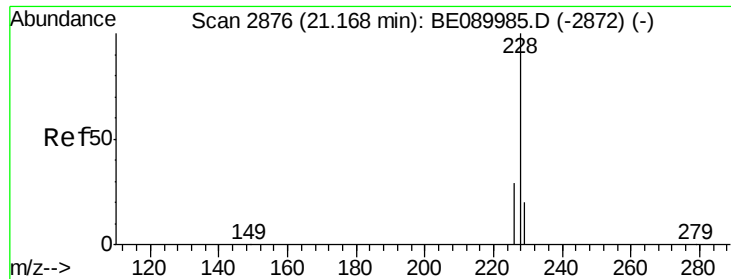
Tgt Ion:244 Resp: 15222
 Ion Ratio Lower Upper
 244 100
 212 8.3 6.6 9.8
 122 12.2 9.8 14.8



#28
 Benzo(a)anthracene
 Concen: 0.48 ng
 RT: 21.11 min Scan# 2868
 Delta R.T. 0.00 min
 Lab File: BE089987.D
 Acq: 29 Jun 2015 17:21

Tgt Ion:228 Resp: 22284
 Ion Ratio Lower Upper
 228 100
 226 27.0 21.8 32.6
 229 19.7 15.8 23.6





#29

Chrysene

Concen: 0.47 ng

RT: 21.16 min Scan# 2875

Delta R.T. -0.01 min

Lab File: BE089987.D

Acq: 29 Jun 2015 17:21

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.5

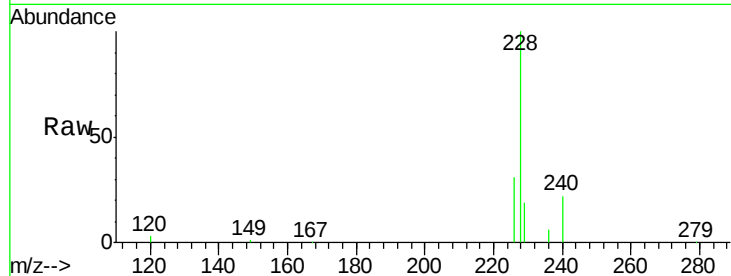
Tgt Ion:228 Resp: 23576

Ion Ratio Lower Upper

228 100

226 30.6 23.4 35.0

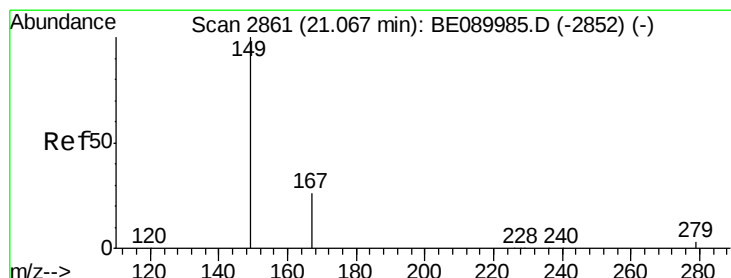
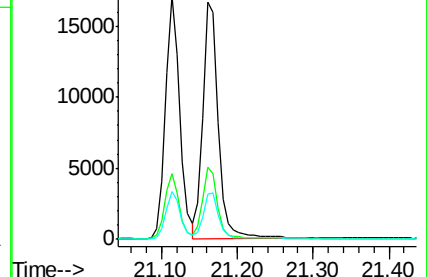
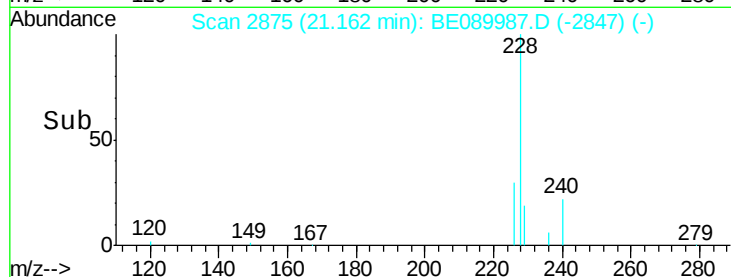
229 19.0 16.2 24.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#30

Bis(2-ethylhexyl)phthalate

Concen: 0.96 ng

RT: 21.07 min Scan# 2861

Delta R.T. 0.00 min

Lab File: BE089987.D

Acq: 29 Jun 2015 17:21

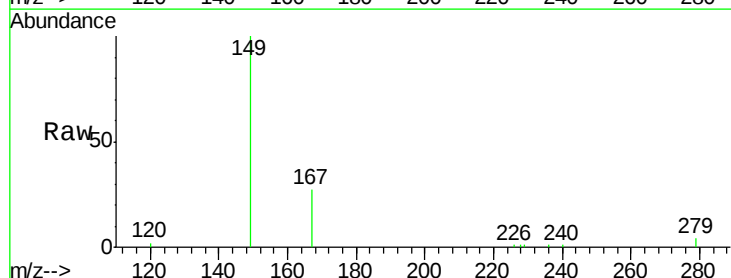
Tgt Ion:149 Resp: 5423

Ion Ratio Lower Upper

149 100

167 25.5 20.3 30.5

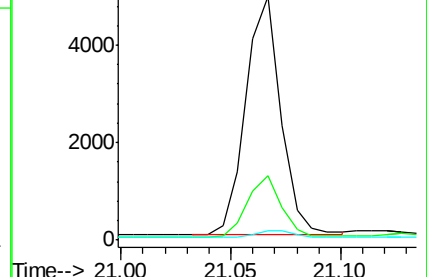
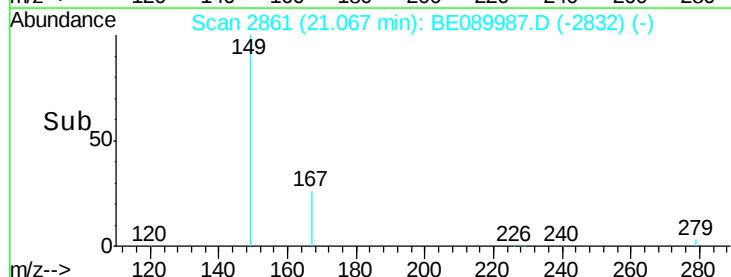
279 3.2 2.6 3.8

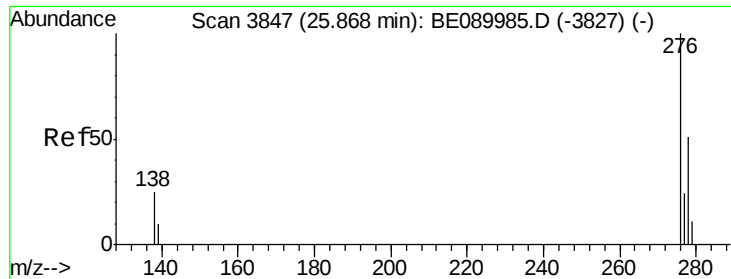


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#31

Indeno(1,2,3-cd)pyrene

Concen: 0.57 ng

RT: 25.87 min Scan# 3847

Delta R.T. 0.00 min

Lab File: BE089987.D

Acq: 29 Jun 2015 17:21

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.5

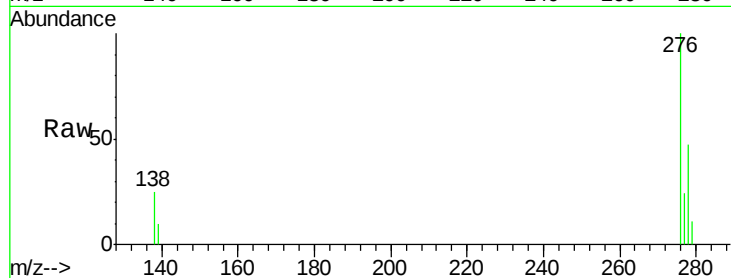
Tgt Ion:276 Resp: 21821

Ion Ratio Lower Upper

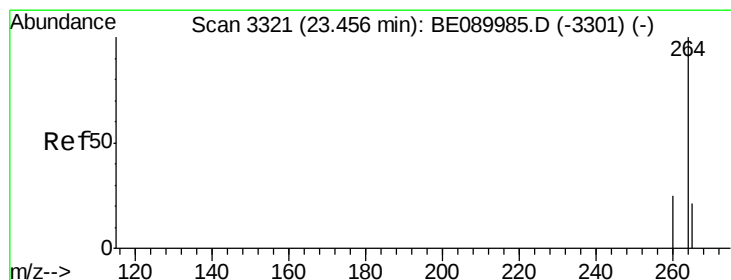
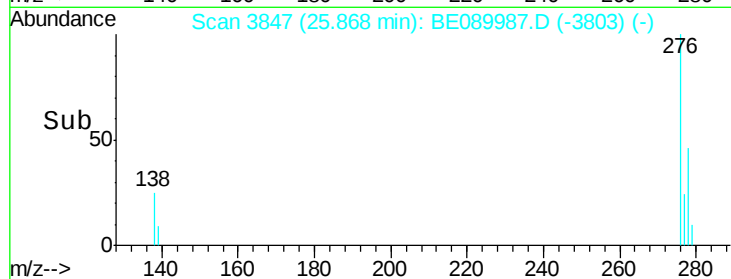
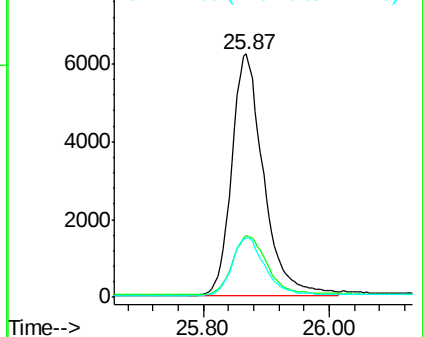
276 100

138 26.7 21.3 31.9

277 25.0 19.7 29.5



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



#32

Perylene-d12

Concen: 5.00 ng

RT: 23.46 min Scan# 3321

Delta R.T. 0.00 min

Lab File: BE089987.D

Acq: 29 Jun 2015 17:21

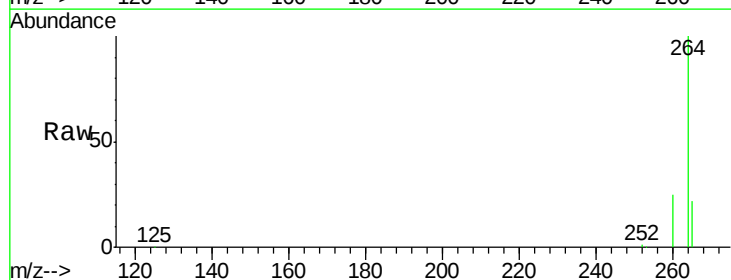
Tgt Ion:264 Resp: 185618

Ion Ratio Lower Upper

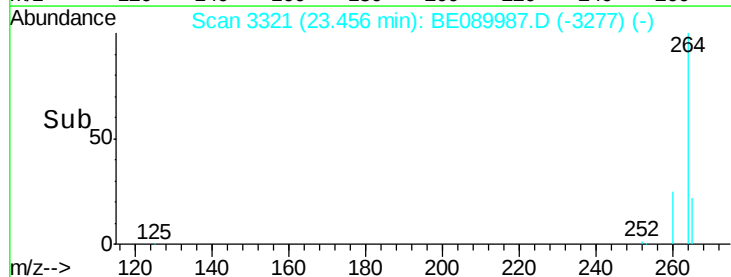
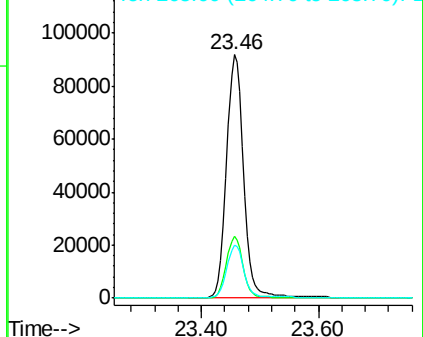
264 100

260 25.2 20.2 30.2

265 21.8 17.1 25.7



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#33

Benzo(b)fluoranthene

Concen: 0.47 ng

RT: 22.75 min Scan# 3165

Delta R.T. 0.00 min

Lab File: BE089987.D

Acq: 29 Jun 2015 17:21

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.5

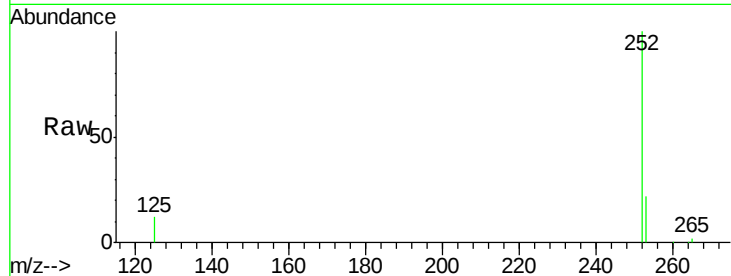
Tgt Ion:252 Resp: 18635

Ion Ratio Lower Upper

252 100

253 21.8 17.8 26.8

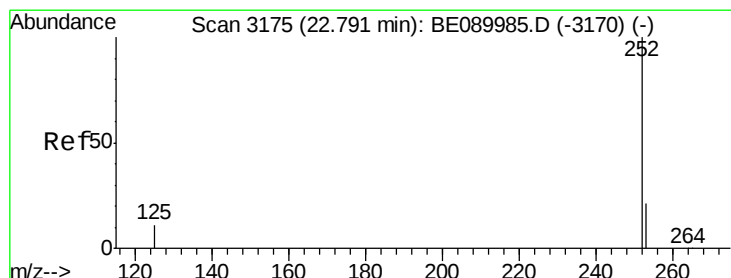
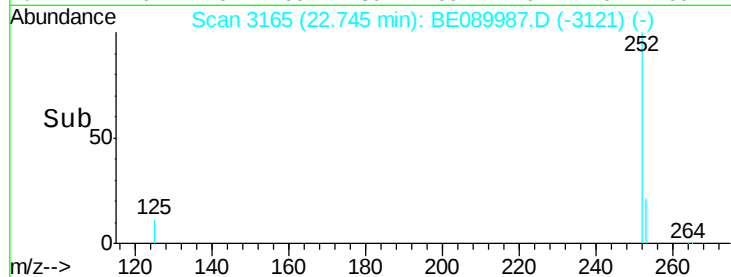
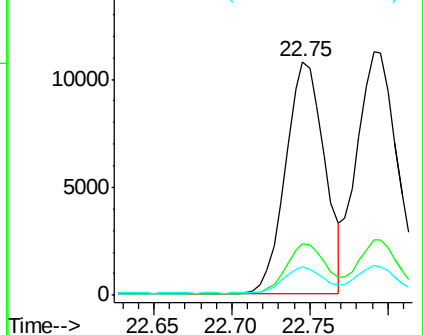
125 12.2 9.0 13.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#34

Benzo(k)fluoranthene

Concen: 0.48 ng

RT: 22.79 min Scan# 3175

Delta R.T. 0.00 min

Lab File: BE089987.D

Acq: 29 Jun 2015 17:21

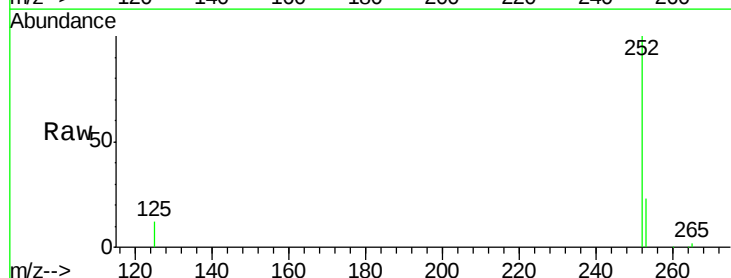
Tgt Ion:252 Resp: 21667

Ion Ratio Lower Upper

252 100

253 22.5 17.5 26.3

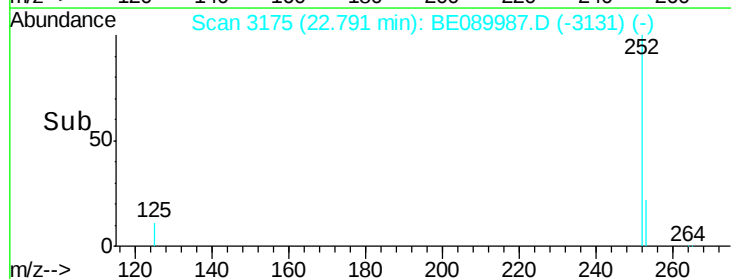
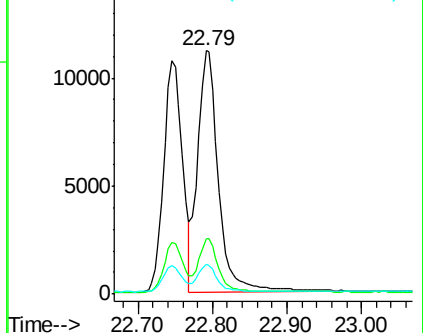
125 12.3 9.5 14.3



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#35

Benzo(a)pyrene

Concen: 0.48 ng

RT: 23.35 min Scan# 3298

Delta R.T. 0.00 min

Lab File: BE089987.D

Acq: 29 Jun 2015 17:21

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.5

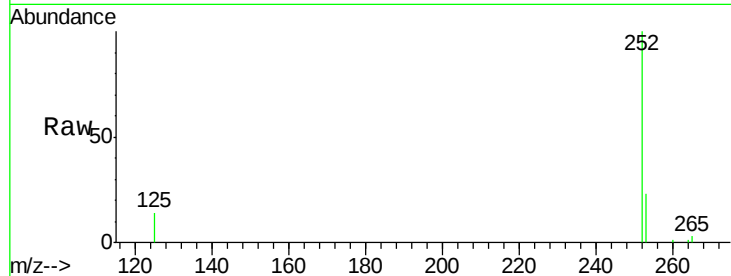
Tgt Ion:252 Resp: 17204

Ion Ratio Lower Upper

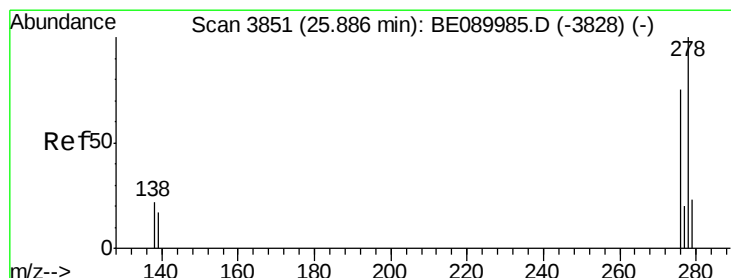
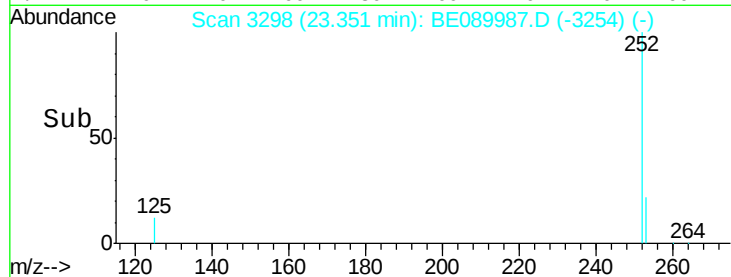
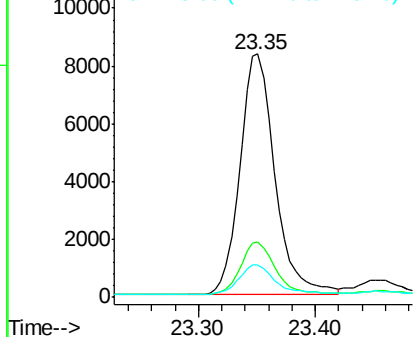
252 100

253 22.7 17.4 26.2

125 13.5 10.5 15.7



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#36

Dibenzo(a,h)anthracene

Concen: 0.53 ng

RT: 25.89 min Scan# 3852

Delta R.T. 0.00 min

Lab File: BE089987.D

Acq: 29 Jun 2015 17:21

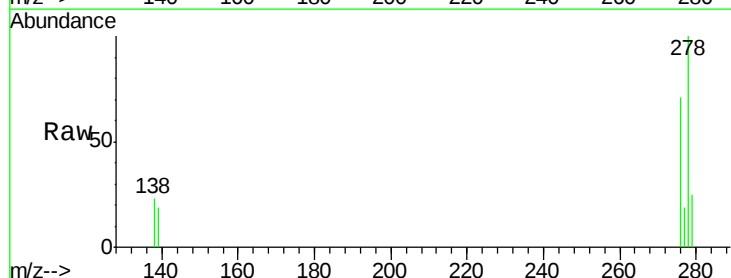
Tgt Ion:278 Resp: 17883

Ion Ratio Lower Upper

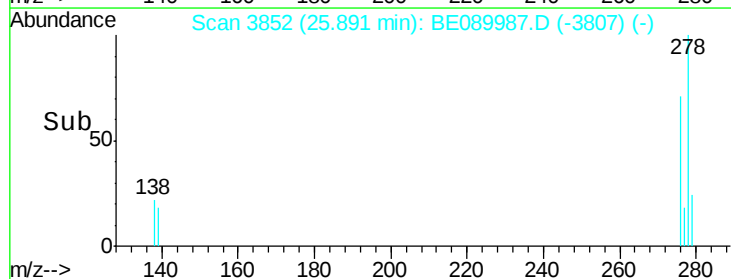
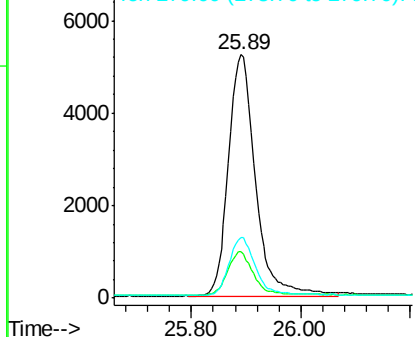
278 100

139 19.2 14.4 21.6

279 25.1 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: 0.51 ng

RT: 26.60 min Scan# 4008

Delta R.T. -0.00 min

Lab File: BE089987.D

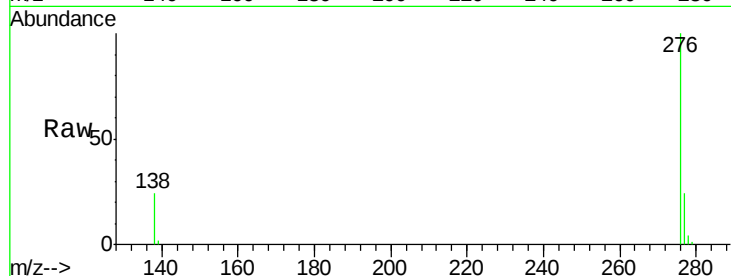
Acq: 29 Jun 2015 17:21

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.5



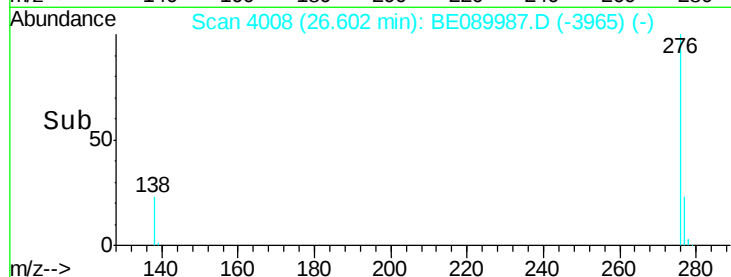
Tgt Ion: 276 Resp: 18309

Ion Ratio Lower Upper

276 100

277 23.6 18.8 28.2

138 24.0 18.6 27.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

