

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062315\
 Data File : BE089924.D
 Acq On : 23 Jun 2015 21:24
 Operator : TP/IZ
 Sample : SSTDICC005
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC005

Quant Time: Jun 24 09:16:09 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-SIM-BE062315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 24 09:11:03 2015
 Response via : Initial Calibration

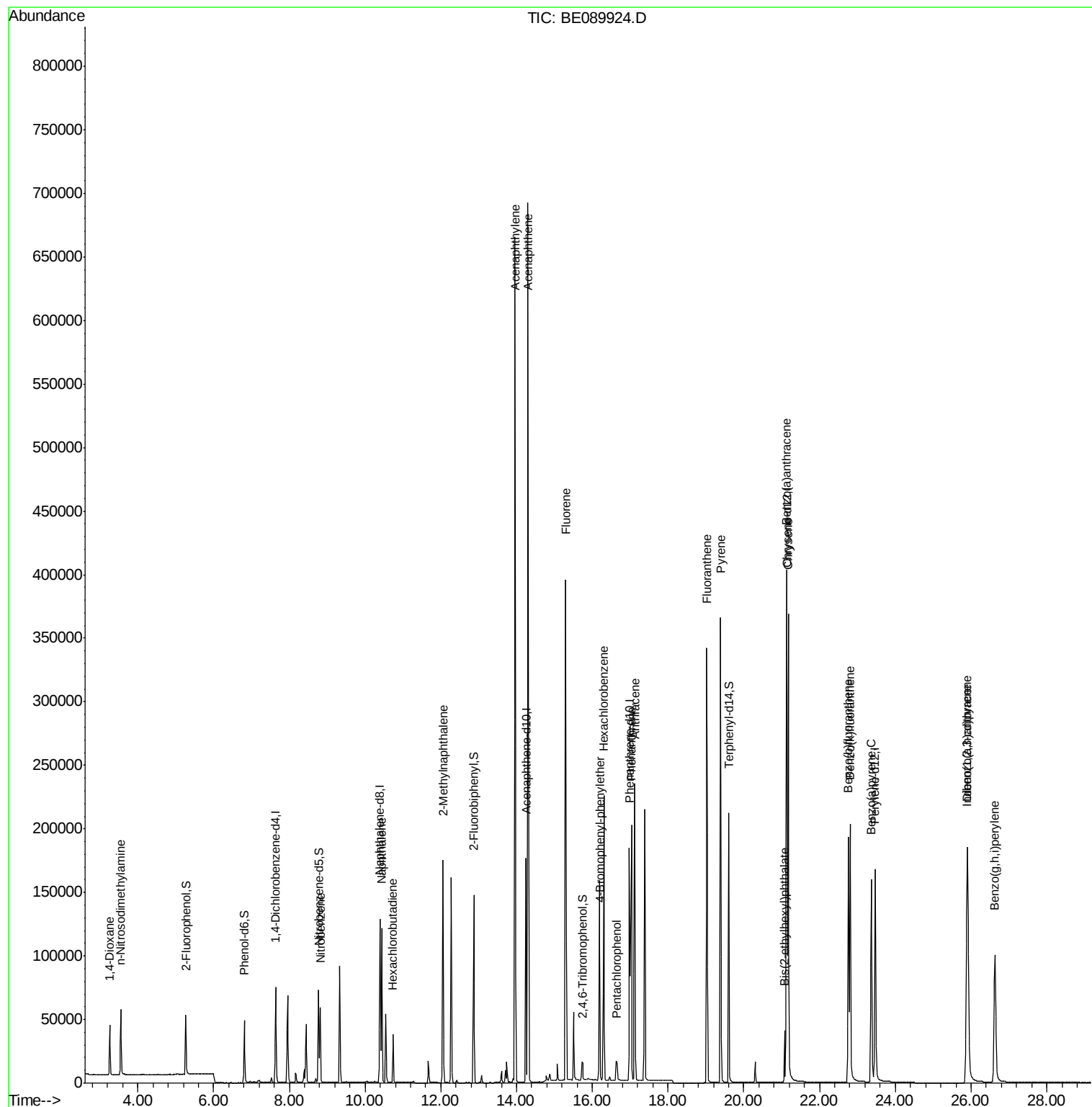
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	34894	5.00	ng	0.00
6) Naphthalene-d8	10.39	136	161788	5.00	ng	0.00
12) Acenaphthene-d10	14.25	164	99715	5.00	ng	0.00
18) Phenanthrene-d10	16.98	188	234207	5.00	ng	0.00
25) Chrysene-d12	21.14	240	263274	5.00	ng	0.00
32) Perylene-d12	23.47	264	229585	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.27	112	33133	4.21	ng	0.00
5) Phenol-d6	6.81	99	50317	4.87	ng	0.00
7) Nitrobenzene-d5	8.78	82	60048	4.83	ng	0.00
13) 2,4,6-Tribromophenol	15.74	330	7761	2.74	ng	0.00
14) 2-Fluorobiphenyl	12.87	172	134915	3.92	ng	0.00
27) Terphenyl-d14	19.60	244	218340	5.56	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.26	88	20513	5.18	ng	99
3) n-Nitrosodimethylamine	3.54	42	30564	5.03	ng	# 99
8) Nitrobenzene	8.82	77	64165	4.81	ng	97
9) Naphthalene	10.44	128	162916	4.20	ng	100
10) Hexachlorobutadiene	10.74	225	25339	3.89	ng	99
11) 2-Methylnaphthalene	12.05	142	115172	4.63	ng	99
15) Acenaphthylene	13.96	152	829940	13.40	ng	100
16) Acenaphthene	14.30	154	119354	4.11	ng	97
17) Fluorene	15.29	166	156846	6.03	ng	97
19) 4-Bromophenyl-phenylether	16.20	248	44506	4.66	ng	97
20) Hexachlorobenzene	16.30	284	189800	17.07	ng	99
21) Pentachlorophenol	16.65	266	9868	3.63	ng	99
22) Phenanthrene	17.03	178	264282	3.42	ng	100
23) Anthracene	17.12	178	261715	7.30	ng	99
24) Fluoranthene	19.02	202	305736	5.89	ng	99
26) Pyrene	19.38	202	318194	3.59	ng	99
28) Benzo(a)anthracene	21.13	228	300690	3.91	ng	97
29) Chrysene	21.17	228	319129	3.95	ng	99
30) Bis(2-ethylhexyl)phthalate	21.08	149	33465	0.83	ng	100
31) Indeno(1,2,3-cd)pyrene	25.89	276	277701	3.63	ng	# 100
33) Benzo(b)fluoranthene	22.76	252	250505	3.48	ng	99
34) Benzo(k)fluoranthene	22.81	252	285761	4.33	ng	99
35) Benzo(a)pyrene	23.37	252	233719	3.84	ng	100
36) Dibenzo(a,h)anthracene	25.91	278	224849	3.75	ng	100
37) Benzo(g,h,i)perylene	26.63	276	230007	3.64	ng	99

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

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Instrument :
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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.64 min Scan# 857

Delta R.T. 0.00 min

Lab File: BE089924.D

Acq: 23 Jun 2015 21:24

Instrument :

BNA_E

ClientSampleId :

SSTDIC005

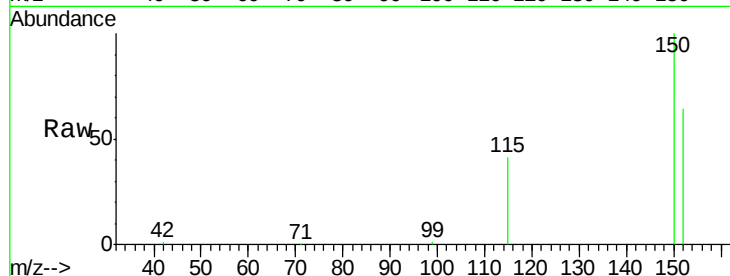
Tgt Ion:152 Resp: 34894

Ion Ratio Lower Upper

152 100

150 156.6 124.6 186.8

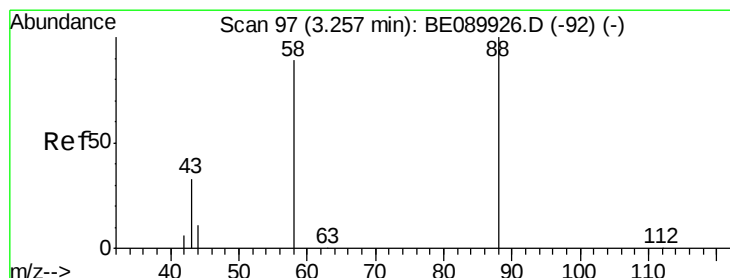
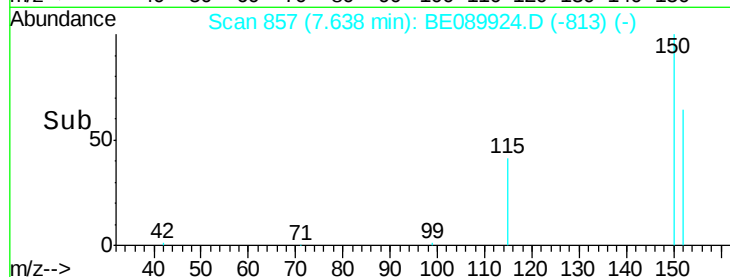
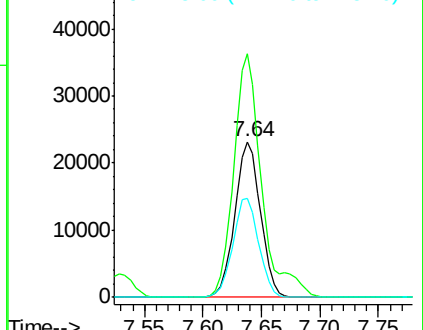
115 63.8 51.6 77.4



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: 5.18 ng

RT: 3.26 min Scan# 97

Delta R.T. 0.00 min

Lab File: BE089924.D

Acq: 23 Jun 2015 21:24

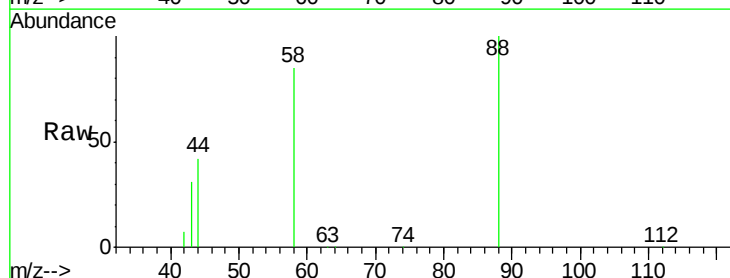
Tgt Ion: 88 Resp: 20513

Ion Ratio Lower Upper

88 100

58 89.7 70.8 106.2

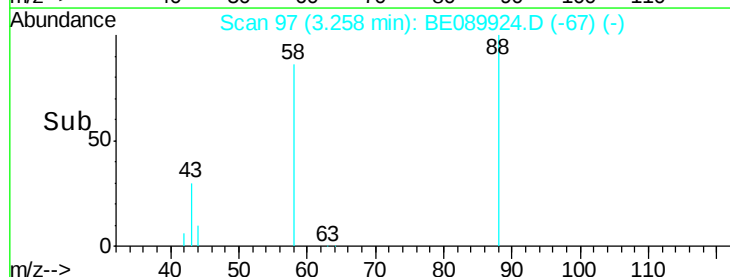
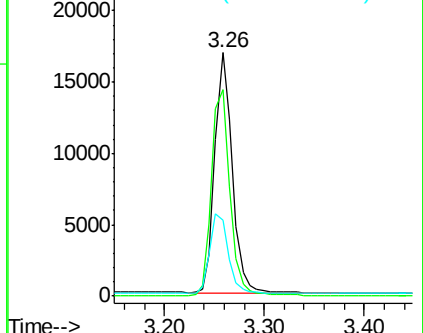
43 34.6 26.8 40.2

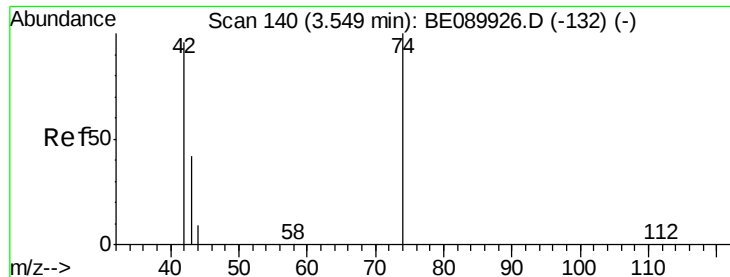


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



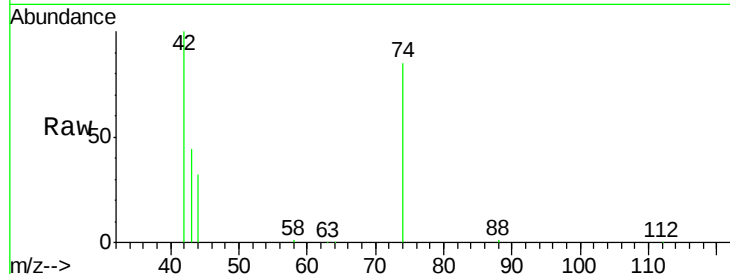


#3

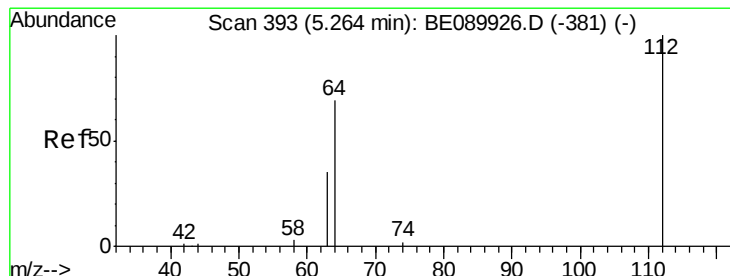
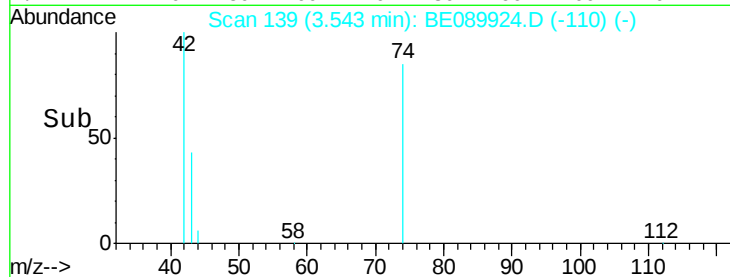
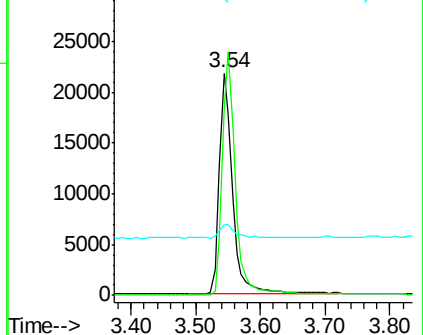
n-Nitrosodimethylamine
 Concen: 5.03 ng
 RT: 3.54 min Scan# 139
 Delta R.T. -0.01 min
 Lab File: BE089924.D
 Acq: 23 Jun 2015 21:24

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC005

Tgt Ion: 42 Resp: 30564
 Ion Ratio Lower Upper
 42 100
 74 106.4 85.4 128.2
 44 7.2 8.4 12.6#



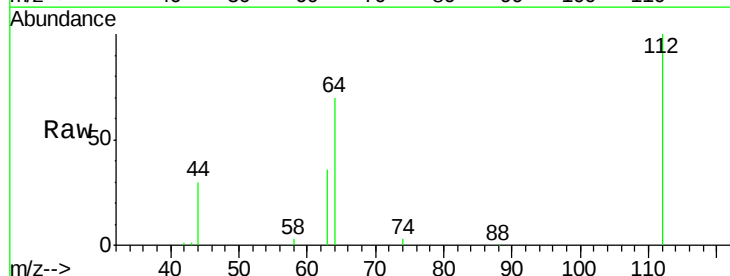
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



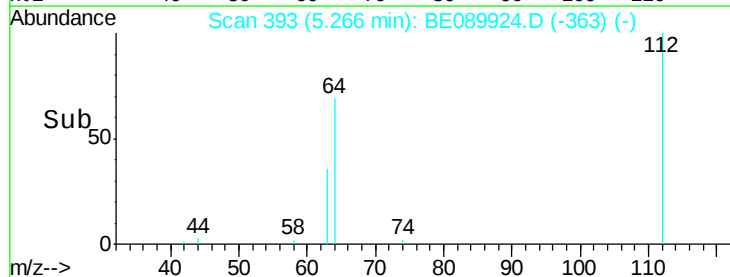
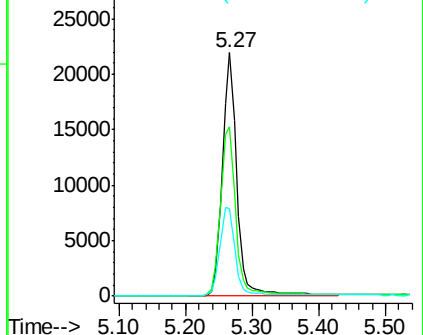
#4

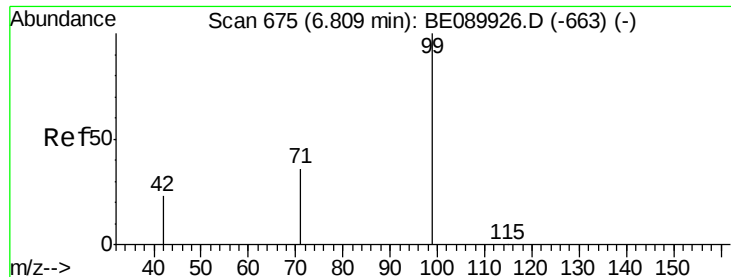
2-Fluorophenol
 Concen: 4.21 ng
 RT: 5.27 min Scan# 393
 Delta R.T. 0.00 min
 Lab File: BE089924.D
 Acq: 23 Jun 2015 21:24

Tgt Ion: 112 Resp: 33133
 Ion Ratio Lower Upper
 112 100
 64 72.6 57.4 86.2
 63 38.7 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: 4.87 ng

RT: 6.81 min Scan# 675

Delta R.T. 0.00 min

Lab File: BE089924.D

Acq: 23 Jun 2015 21:24

Instrument :

BNA_E

ClientSampleId :

SSTDIC005

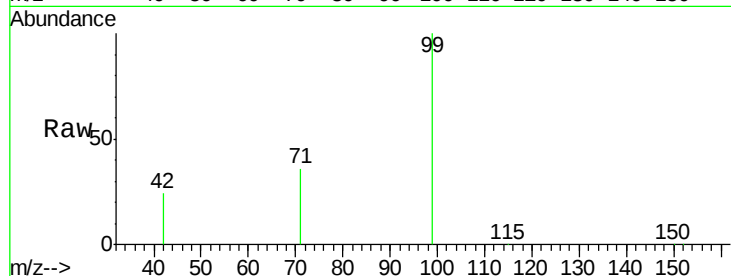
Tgt Ion: 99 Resp: 50317

Ion Ratio Lower Upper

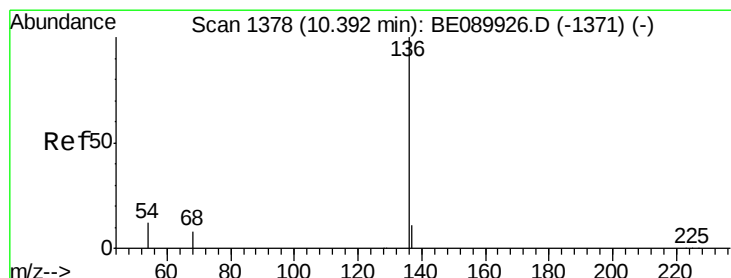
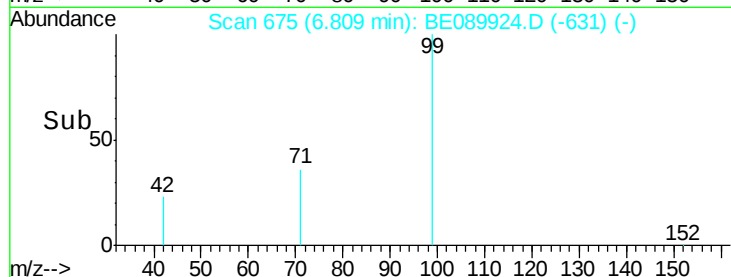
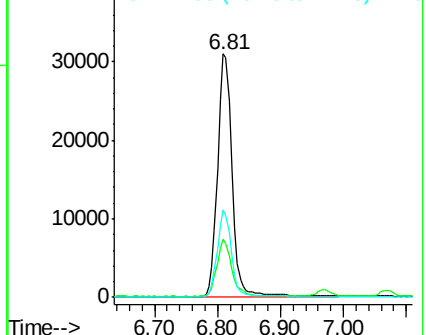
99 100

42 24.2 19.5 29.3

71 34.5 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: BE089924.D

Acq: 23 Jun 2015 21:24

Tgt Ion: 136 Resp: 161788

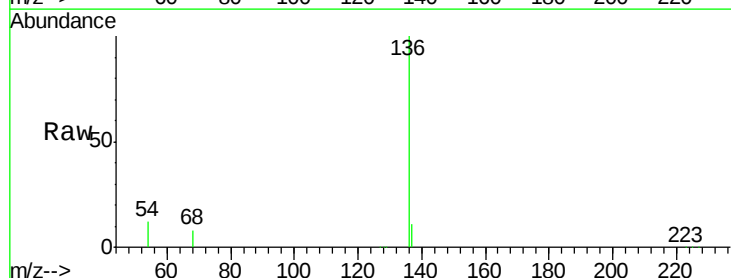
Ion Ratio Lower Upper

136 100

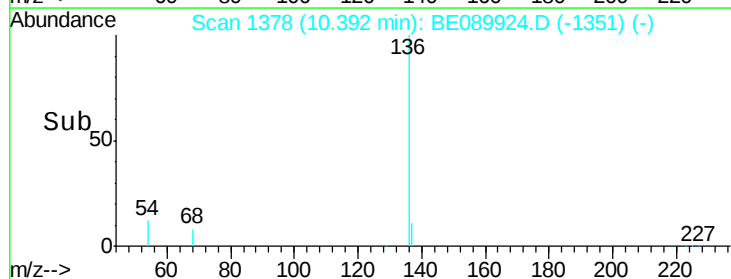
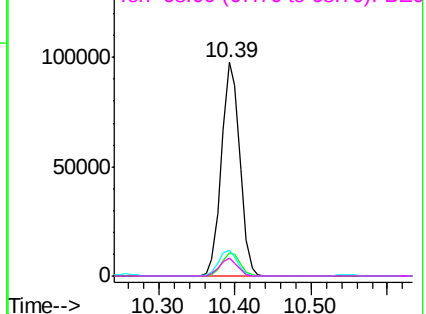
137 10.9 8.7 13.1

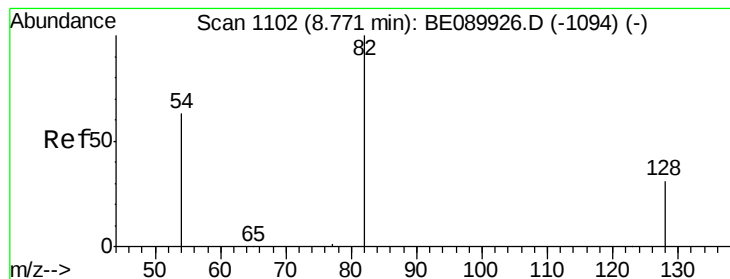
54 12.2 9.7 14.5

68 8.4 6.5 9.7



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





#7

Nitrobenzene-d5

Concen: 4.83 ng

RT: 8.78 min Scan# 1103

Delta R.T. 0.00 min

Lab File: BE089924.D

Acq: 23 Jun 2015 21:24

Instrument :

BNA_E

ClientSampleId :

SSTDIC005

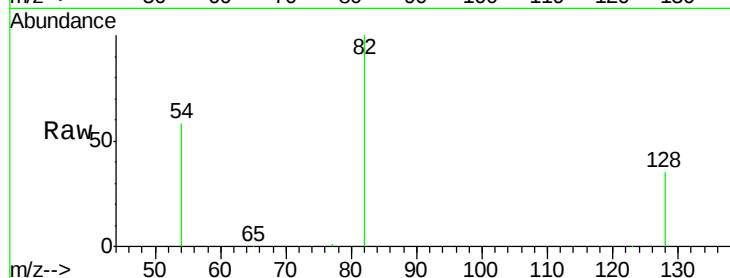
Tgt Ion: 82 Resp: 60048

Ion Ratio Lower Upper

82 100

128 35.1 25.6 38.4

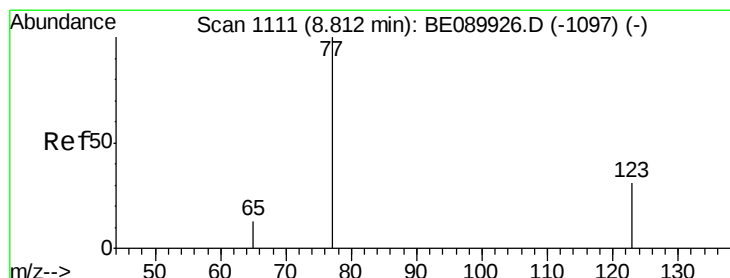
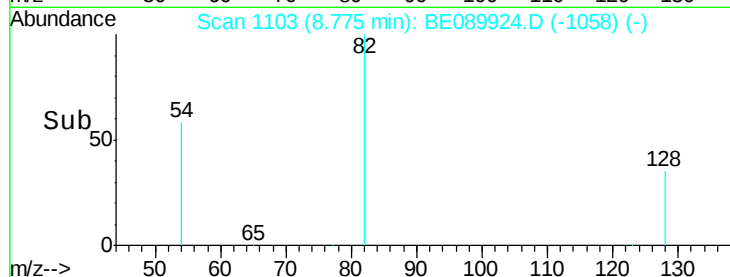
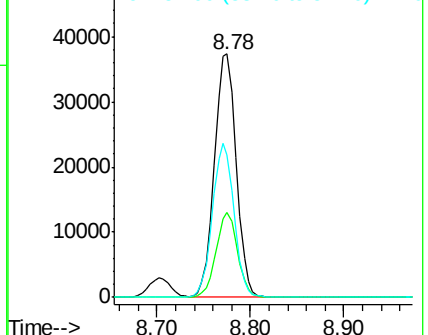
54 58.5 51.2 76.8



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: 4.81 ng

RT: 8.82 min Scan# 1112

Delta R.T. 0.00 min

Lab File: BE089924.D

Acq: 23 Jun 2015 21:24

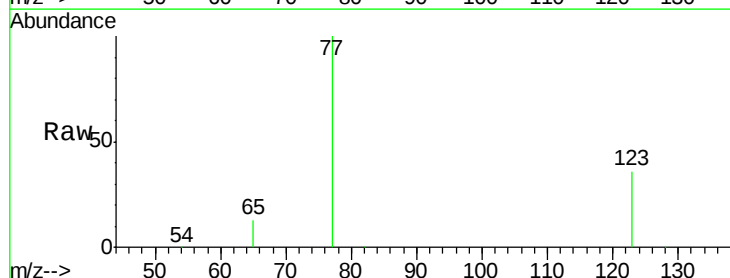
Tgt Ion: 77 Resp: 64165

Ion Ratio Lower Upper

77 100

123 34.9 26.6 39.8

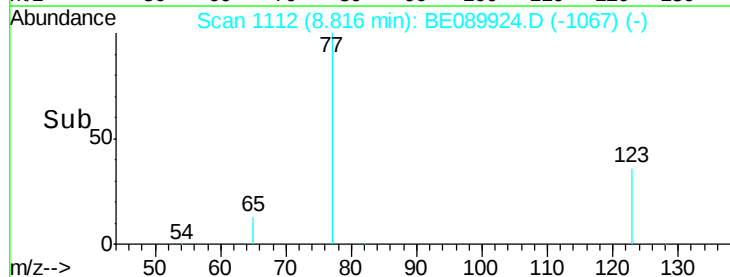
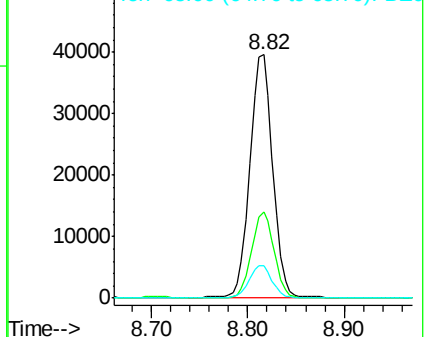
65 13.3 10.2 15.4



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: 4.20 ng

RT: 10.44 min Scan# 1385

Delta R.T. -0.00 min

Lab File: BE089924.D

Acq: 23 Jun 2015 21:24

Instrument :

BNA_E

ClientSampleId :

SSTDIC005

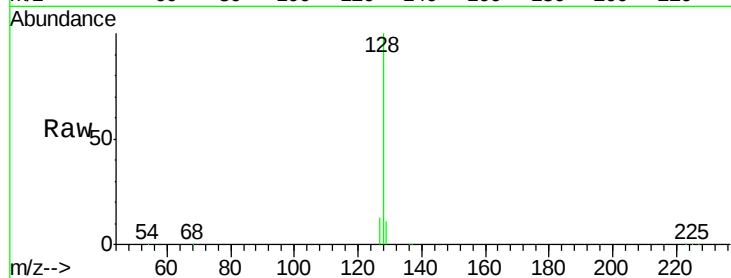
Tgt Ion:128 Resp: 162916

Ion Ratio Lower Upper

128 100

129 11.3 8.9 13.3

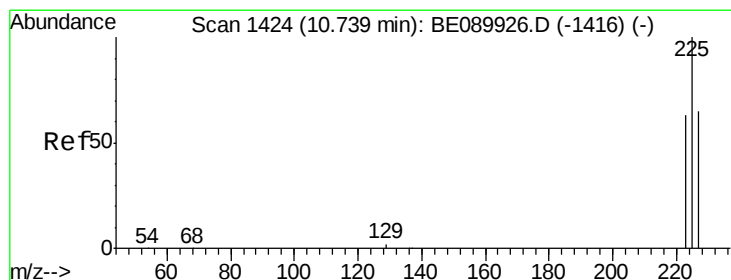
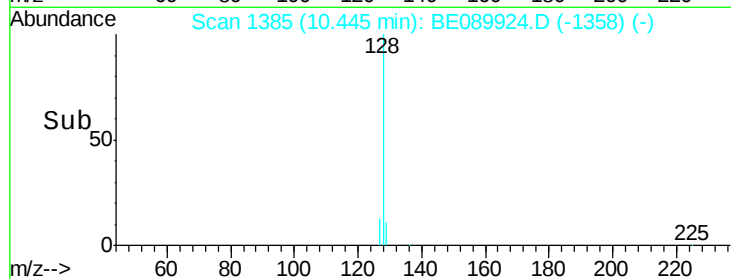
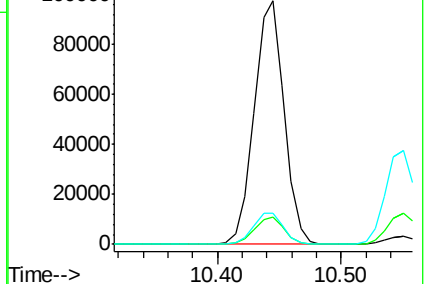
127 12.9 10.2 15.4



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: 3.89 ng

RT: 10.74 min Scan# 1424

Delta R.T. -0.00 min

Lab File: BE089924.D

Acq: 23 Jun 2015 21:24

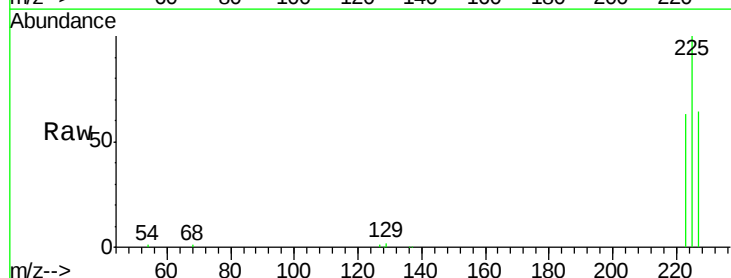
Tgt Ion:225 Resp: 25339

Ion Ratio Lower Upper

225 100

223 62.8 50.0 75.0

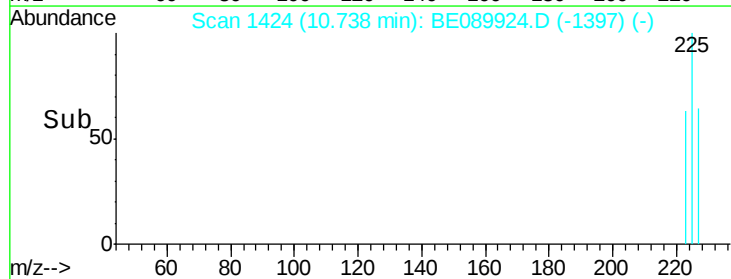
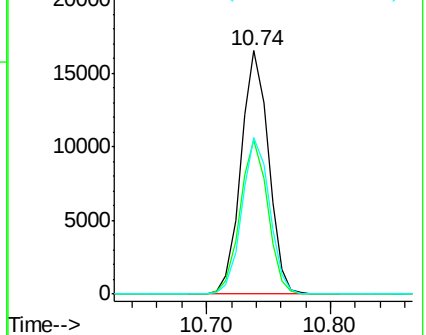
227 64.1 50.7 76.1



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

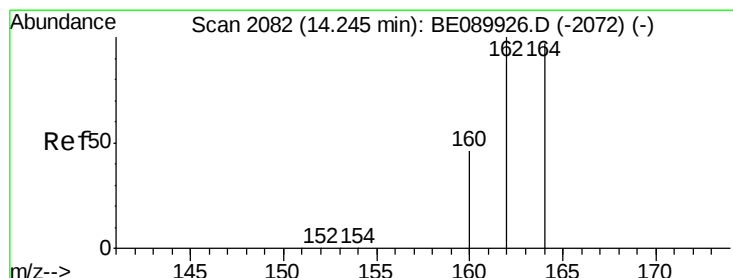
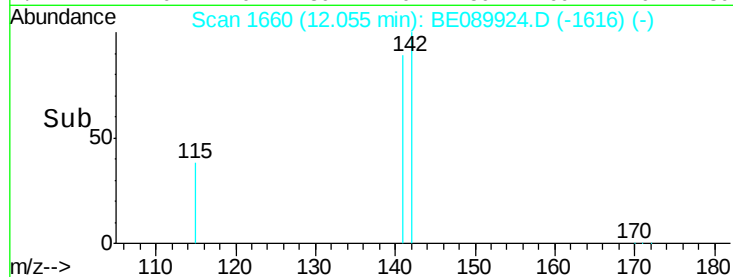
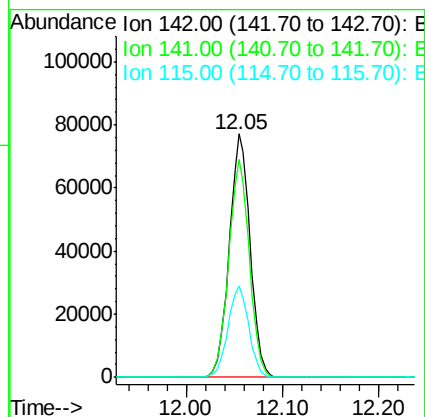
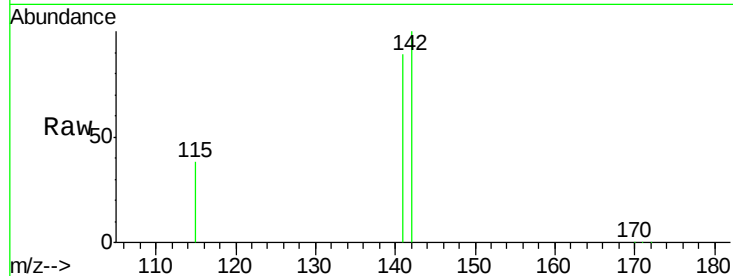




#11
2-Methylnaphthalene
Concen: 4.63 ng
RT: 12.05 min Scan# 1660
Delta R.T. -0.00 min
Lab File: BE089924.D
Acq: 23 Jun 2015 21:24

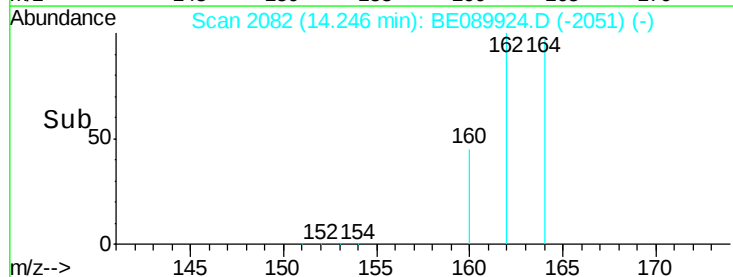
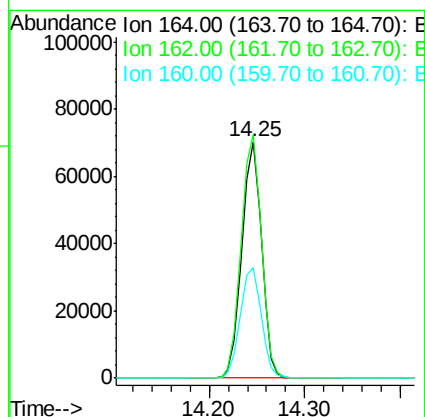
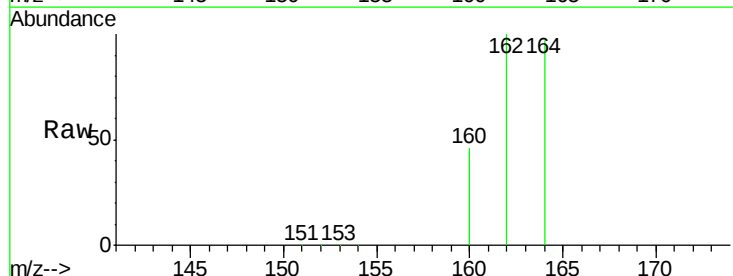
Instrument :
BNA_E
ClientSampleId :
SSTDIC005

Tgt Ion:142 Resp: 115172
Ion Ratio Lower Upper
142 100
141 89.3 71.1 106.7
115 37.6 29.1 43.7



#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.25 min Scan# 2082
Delta R.T. 0.00 min
Lab File: BE089924.D
Acq: 23 Jun 2015 21:24

Tgt Ion:164 Resp: 99715
Ion Ratio Lower Upper
164 100
162 103.0 82.7 124.1
160 46.9 38.3 57.5

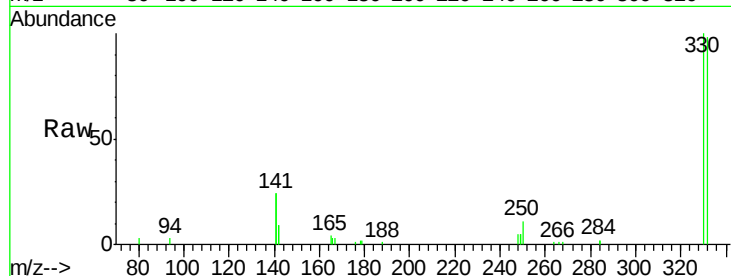




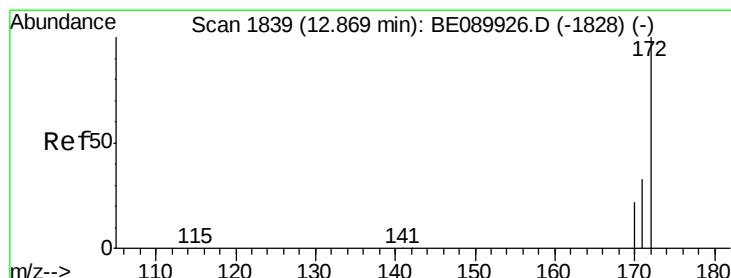
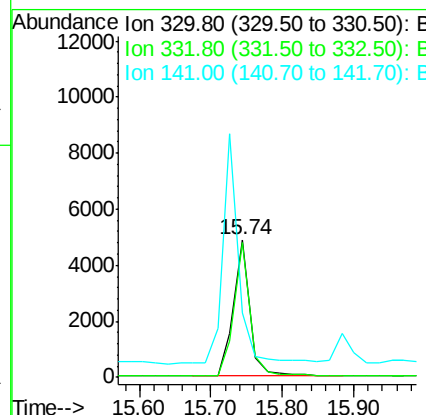
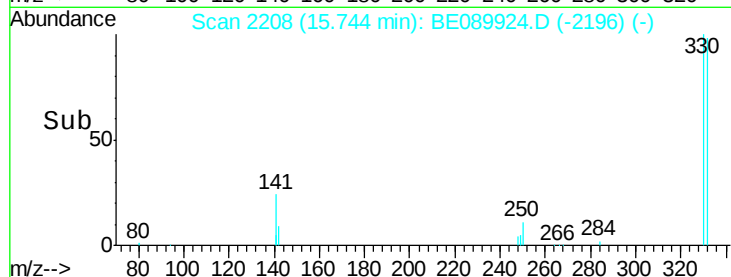
#13
 2,4,6-Tribromophenol
 Concen: 2.74 ng
 RT: 15.74 min Scan# 2208
 Delta R.T. 0.00 min
 Lab File: BE089924.D
 Acq: 23 Jun 2015 21:24

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC005

Tgt Ion:330 Resp: 7761
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.9 116.9
 141 166.8 142.8 214.2

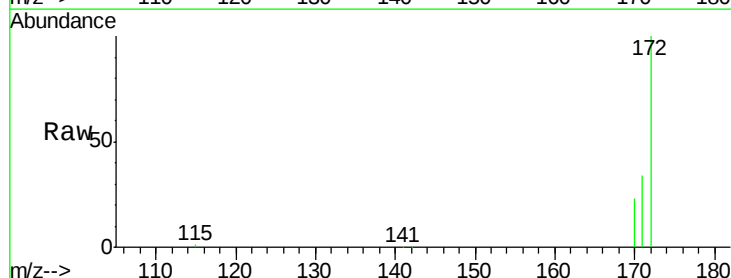


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

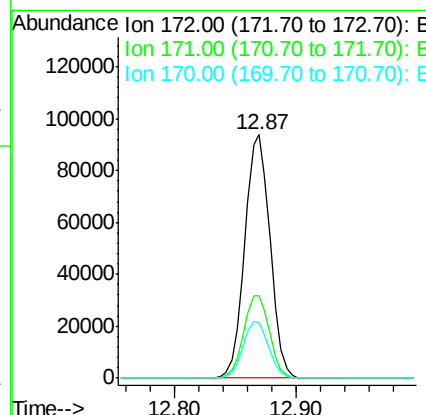
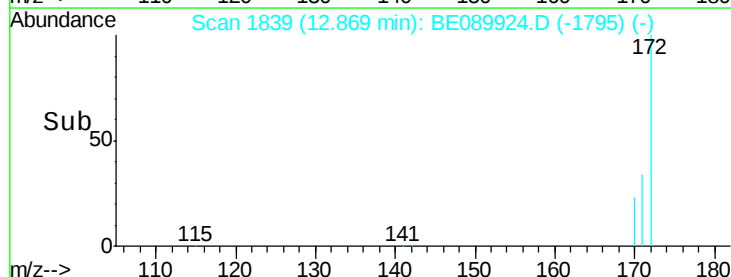


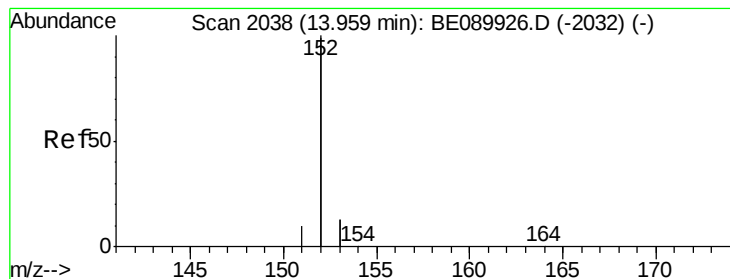
#14
 2-Fluorobiphenyl
 Concen: 3.92 ng
 RT: 12.87 min Scan# 1839
 Delta R.T. -0.00 min
 Lab File: BE089924.D
 Acq: 23 Jun 2015 21:24

Tgt Ion:172 Resp: 134915
 Ion Ratio Lower Upper
 172 100
 171 34.0 26.7 40.1
 170 22.8 17.5 26.3



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





#15

Acenaphthylene

Concen: 13.40 ng

RT: 13.96 min Scan# 2038

Delta R.T. 0.00 min

Lab File: BE089924.D

Acq: 23 Jun 2015 21:24

Instrument :

BNA_E

ClientSampleId :

SSTDIC005

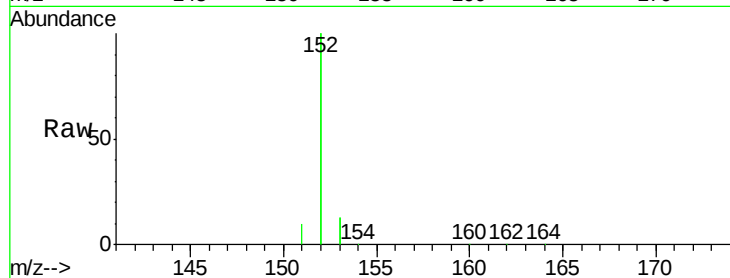
Tgt Ion:152 Resp: 829940

Ion Ratio Lower Upper

152 100

151 4.9 3.9 5.9

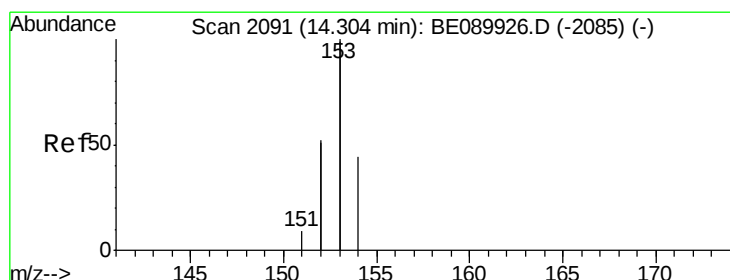
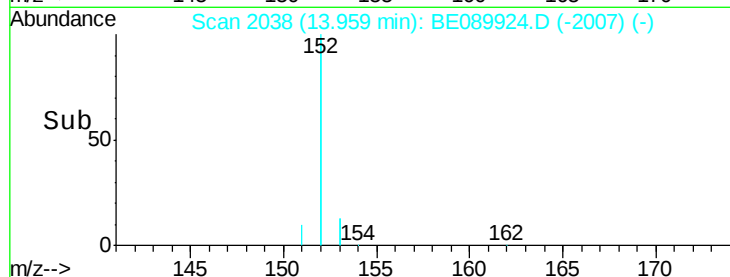
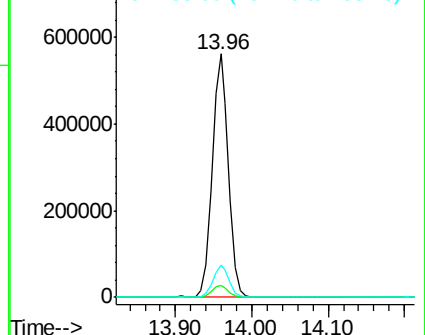
153 13.2 10.4 15.6



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: 4.11 ng

RT: 14.30 min Scan# 2091

Delta R.T. 0.00 min

Lab File: BE089924.D

Acq: 23 Jun 2015 21:24

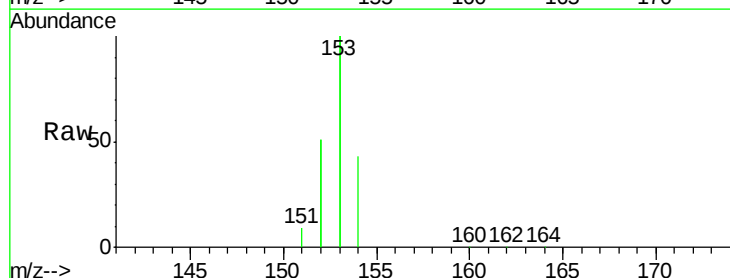
Tgt Ion:154 Resp: 119354

Ion Ratio Lower Upper

154 100

153 451.3 362.8 544.2

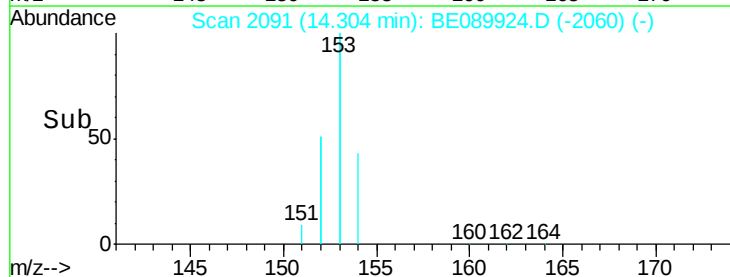
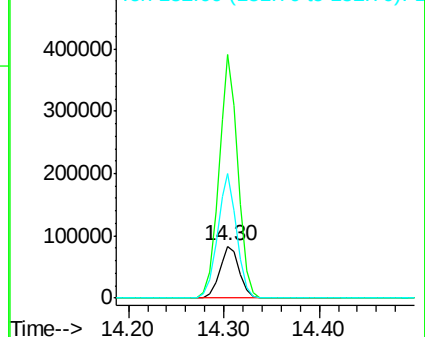
152 232.5 194.6 291.8



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

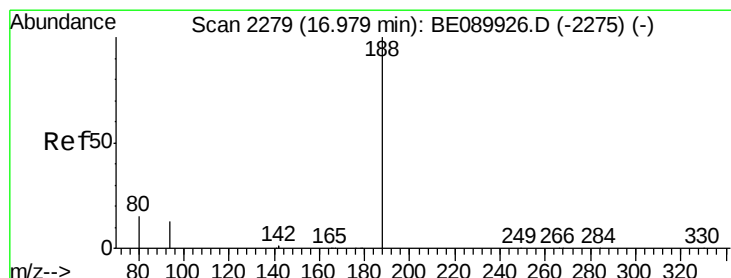
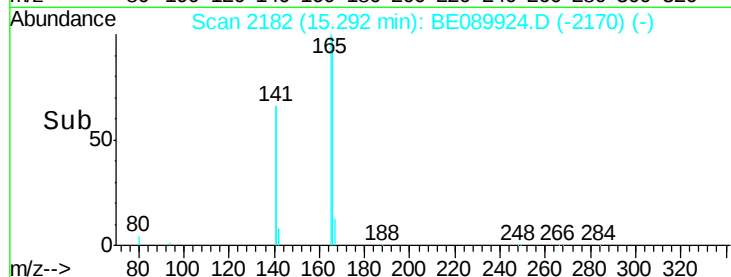
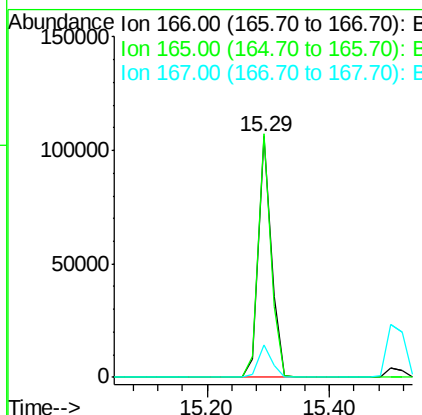
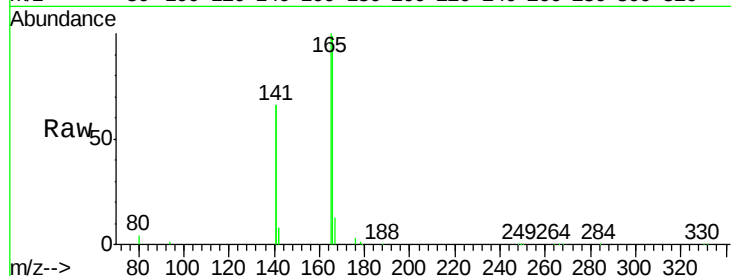




#17
Fluorene
 Concen: 6.03 ng
 RT: 15.29 min Scan# 2182
 Delta R.T. 0.00 min
 Lab File: BE089924.D
 Acq: 23 Jun 2015 21:24

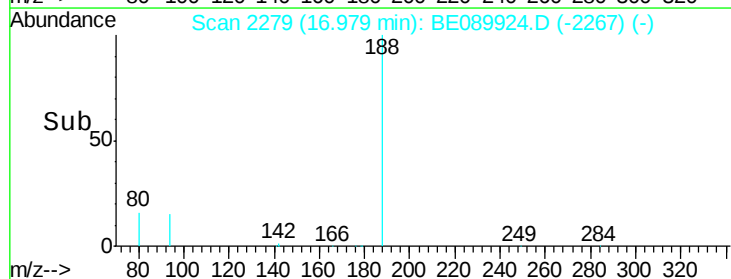
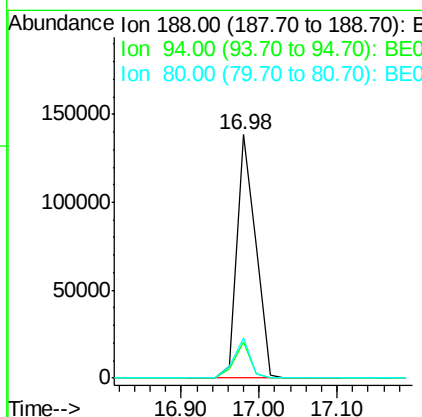
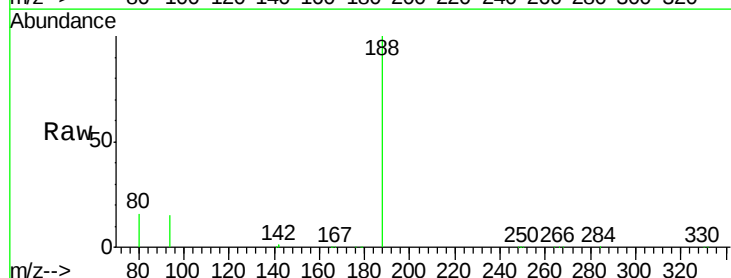
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC005

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.9	81.1	121.7
167	13.7	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: BE089924.D
 Acq: 23 Jun 2015 21:24

Tgt Ion	Ratio	Lower	Upper
188	100		
94	14.6	10.6	16.0
80	16.3	11.8	17.6





#19

4-Bromophenyl-phenylether

Concen: 4.66 ng

RT: 16.20 min Scan# 2234

Delta R.T. 0.00 min

Lab File: BE089924.D

Acq: 23 Jun 2015 21:24

Instrument :

BNA_E

ClientSampleId :

SSTDIC005

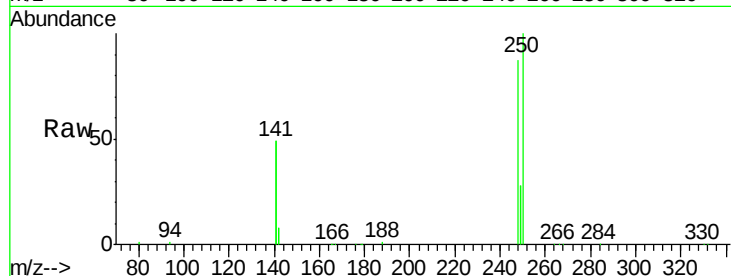
Tgt Ion:248 Resp: 44506

Ion Ratio Lower Upper

248 100

250 98.1 79.3 118.9

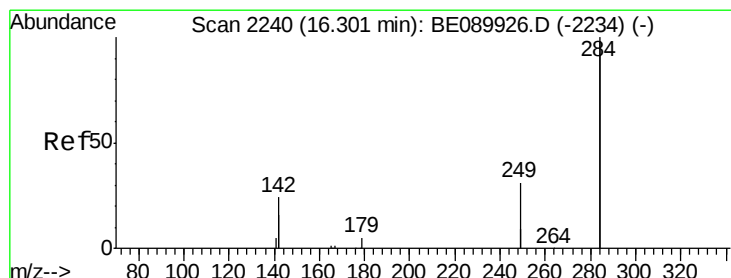
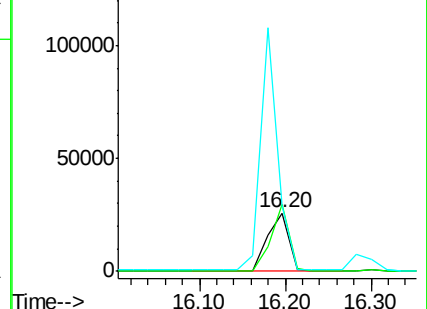
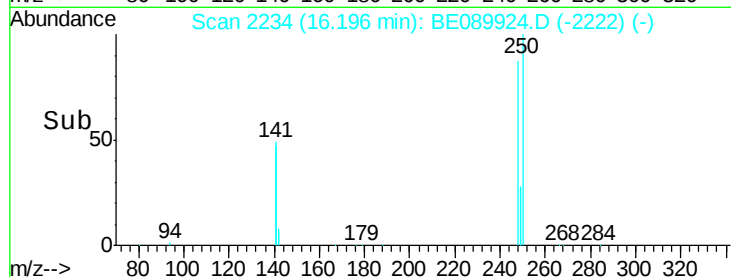
141 334.8 274.1 411.1



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: 17.07 ng

RT: 16.30 min Scan# 2240

Delta R.T. 0.00 min

Lab File: BE089924.D

Acq: 23 Jun 2015 21:24

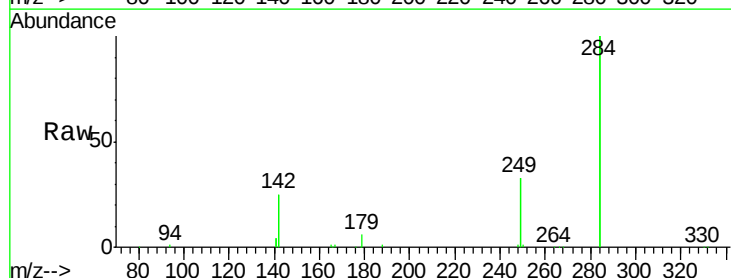
Tgt Ion:284 Resp: 189800

Ion Ratio Lower Upper

284 100

142 39.3 32.0 48.0

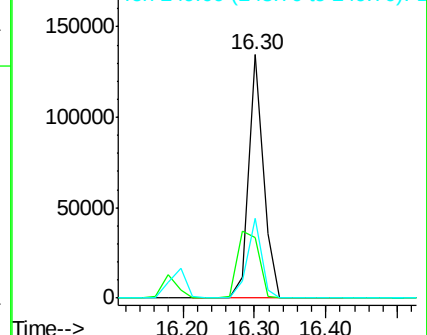
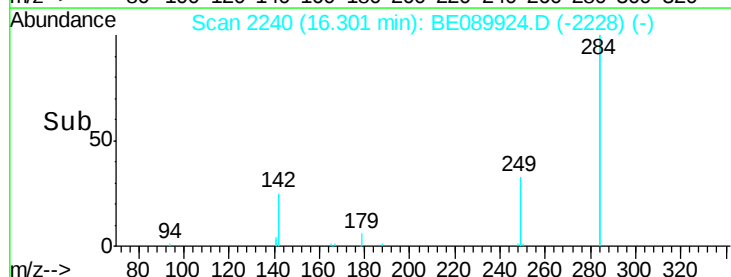
249 31.9 25.0 37.6

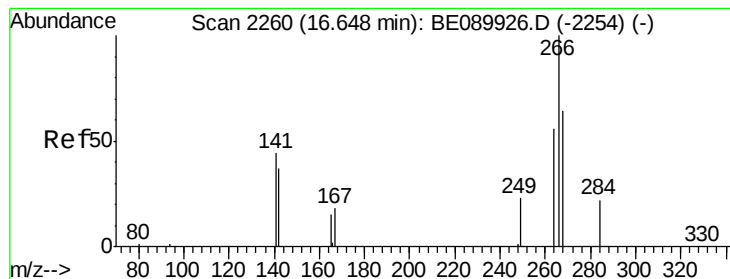


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#21

Pentachlorophenol

Concen: 3.63 ng

RT: 16.65 min Scan# 2260

Delta R.T. 0.00 min

Lab File: BE089924.D

Acq: 23 Jun 2015 21:24

Instrument :

BNA_E

ClientSampleId :

SSTDIC005

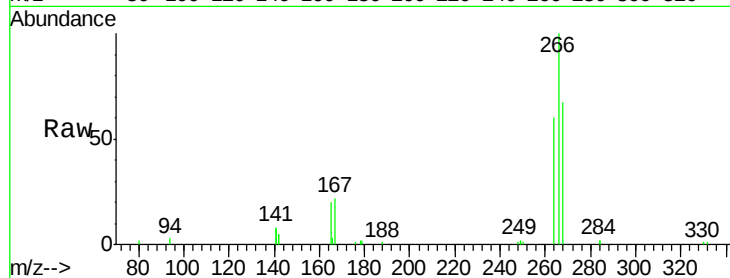
Tgt Ion:266 Resp: 9868

Ion Ratio Lower Upper

266 100

268 67.5 54.4 81.6

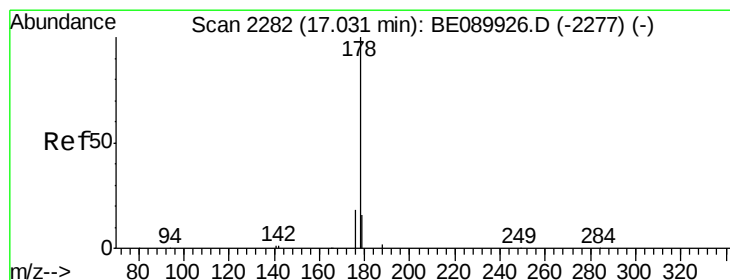
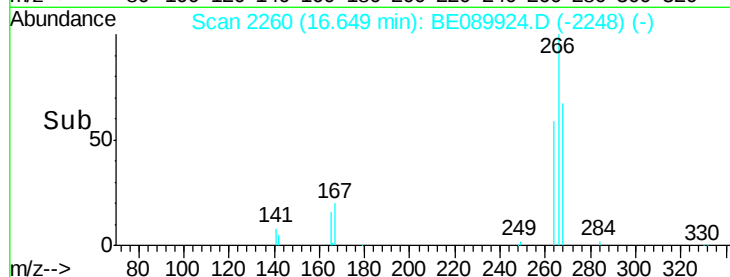
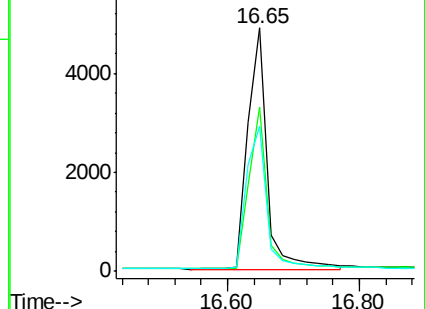
264 59.8 48.2 72.2



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: 3.42 ng

RT: 17.03 min Scan# 2282

Delta R.T. 0.00 min

Lab File: BE089924.D

Acq: 23 Jun 2015 21:24

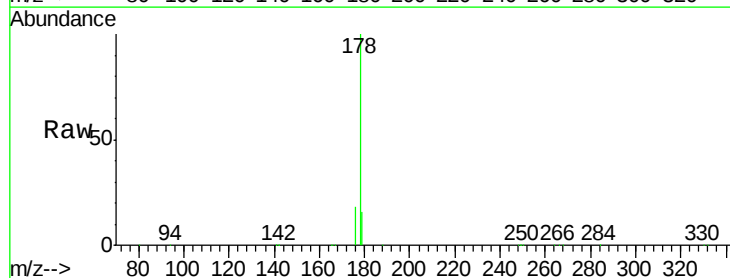
Tgt Ion:178 Resp: 264282

Ion Ratio Lower Upper

178 100

176 19.2 15.4 23.2

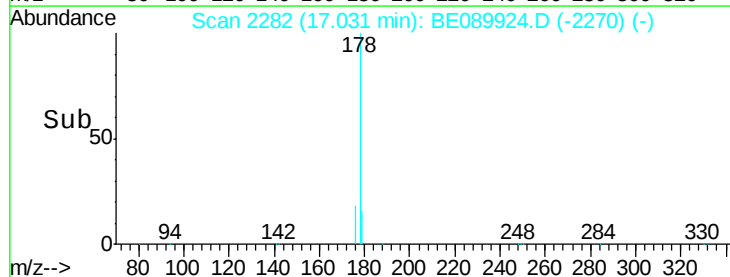
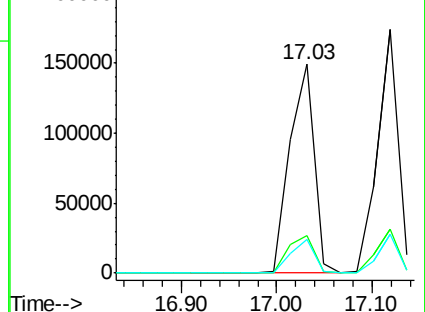
179 15.5 12.6 19.0

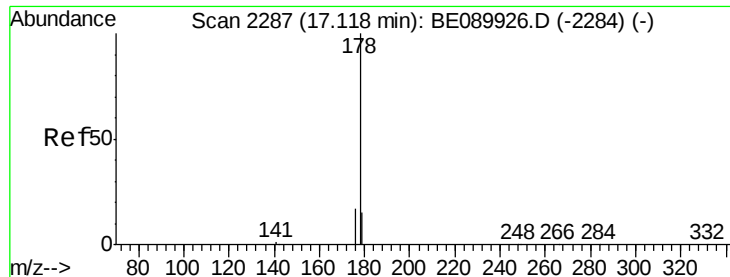


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#23

Anthracene

Concen: 7.30 ng

RT: 17.12 min Scan# 2287

Delta R.T. 0.00 min

Lab File: BE089924.D

Acq: 23 Jun 2015 21:24

Instrument :

BNA_E

ClientSampleId :

SSTDIC005

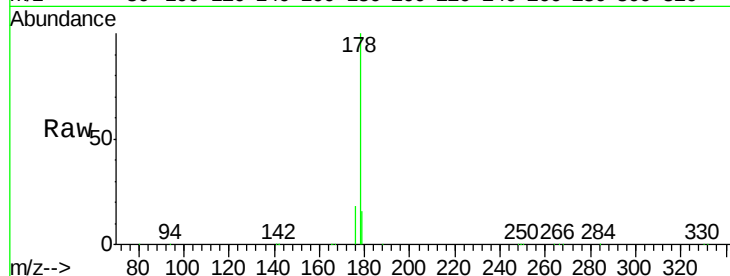
Tgt Ion:178 Resp: 261715

Ion Ratio Lower Upper

178 100

176 18.6 14.6 21.8

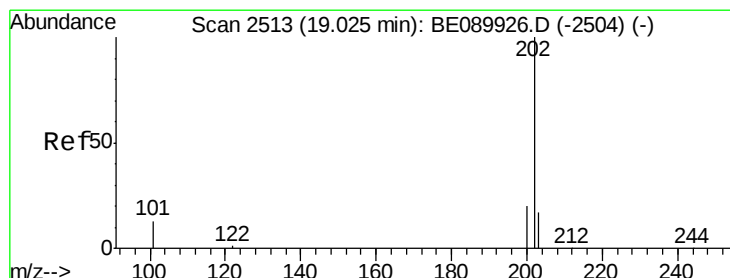
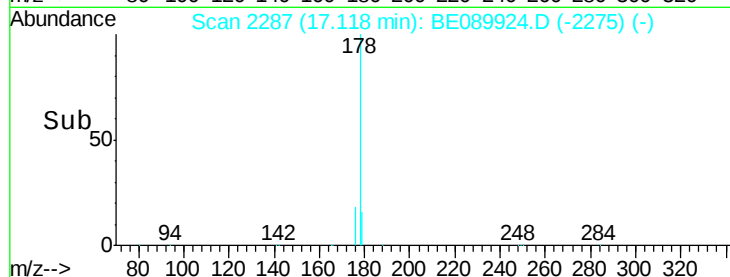
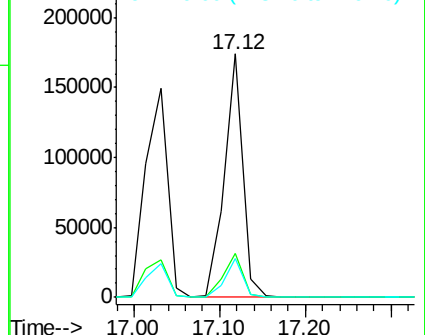
179 15.7 12.3 18.5



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: 5.89 ng

RT: 19.02 min Scan# 2513

Delta R.T. -0.00 min

Lab File: BE089924.D

Acq: 23 Jun 2015 21:24

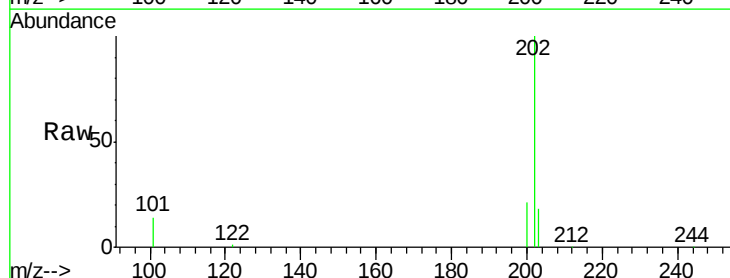
Tgt Ion:202 Resp: 305736

Ion Ratio Lower Upper

202 100

101 13.6 10.6 16.0

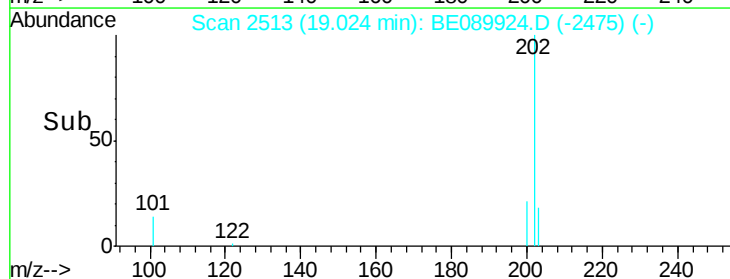
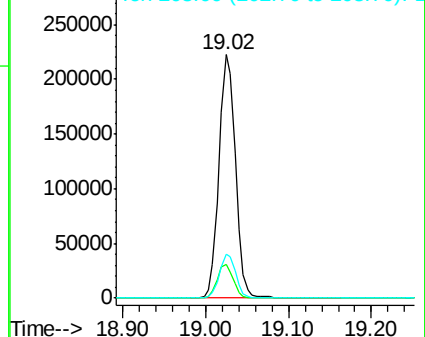
203 17.6 13.8 20.8



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: 21.14 min Scan# 2870

Delta R.T. -0.00 min

Lab File: BE089924.D

Acq: 23 Jun 2015 21:24

Instrument :

BNA_E

ClientSampleId :

SSTDIC005

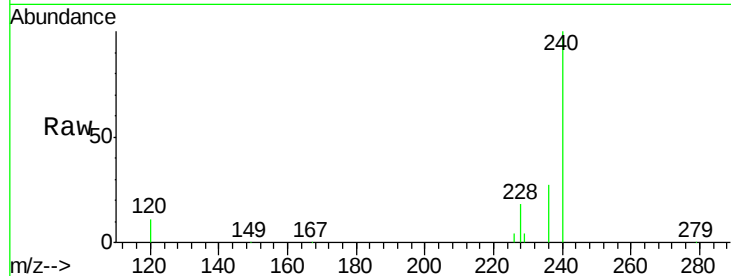
Tgt Ion:240 Resp: 263274

Ion Ratio Lower Upper

240 100

120 10.9 7.9 11.9

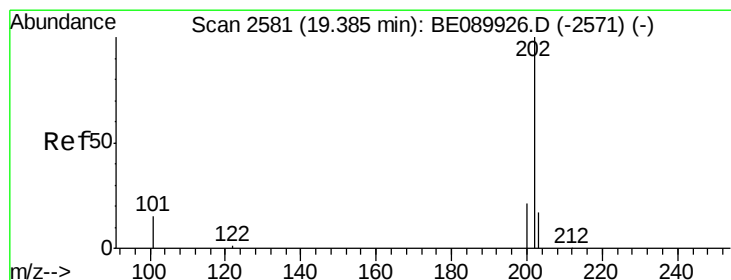
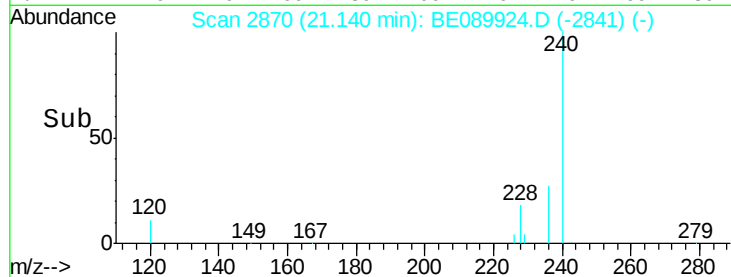
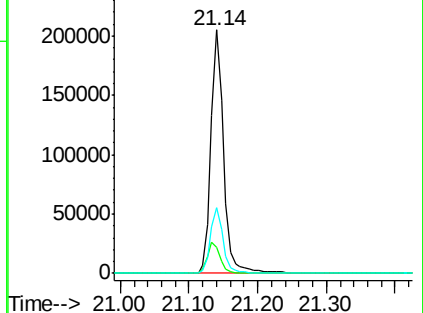
236 27.0 21.2 31.8



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#26

Pyrene

Concen: 3.59 ng

RT: 19.38 min Scan# 2581

Delta R.T. -0.00 min

Lab File: BE089924.D

Acq: 23 Jun 2015 21:24

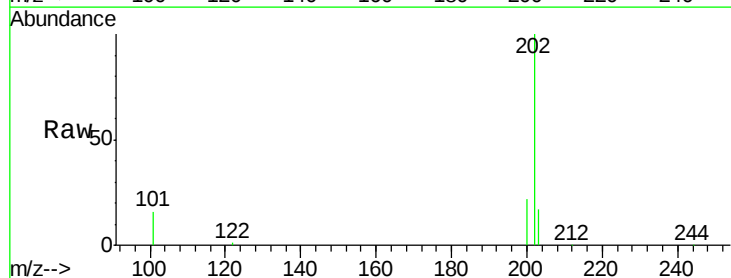
Tgt Ion:202 Resp: 318194

Ion Ratio Lower Upper

202 100

200 21.3 16.6 25.0

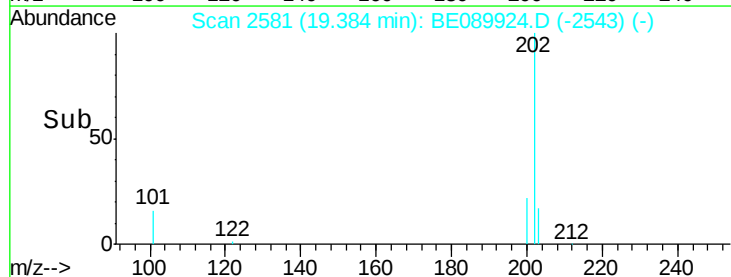
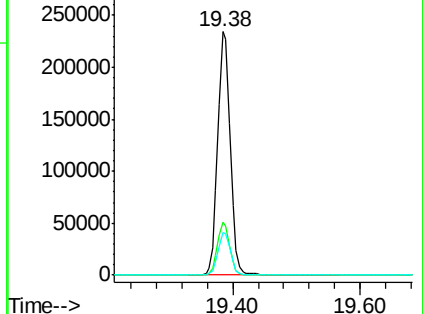
203 17.6 13.9 20.9



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

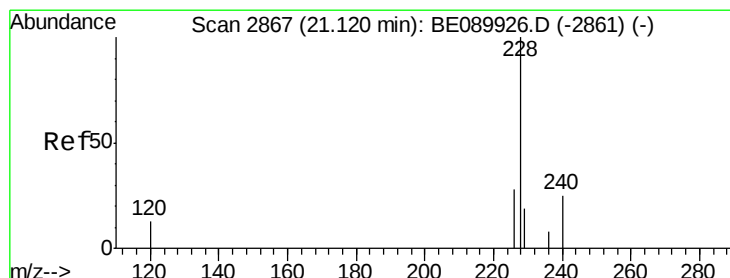
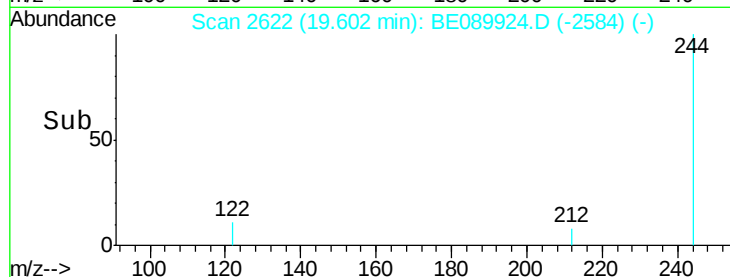
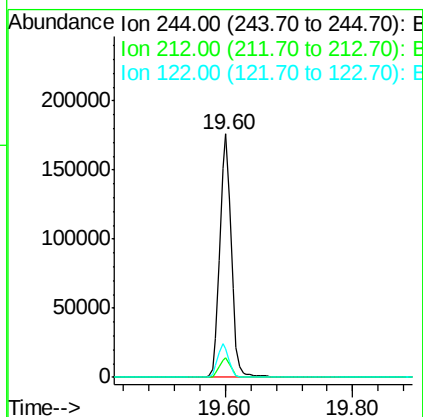
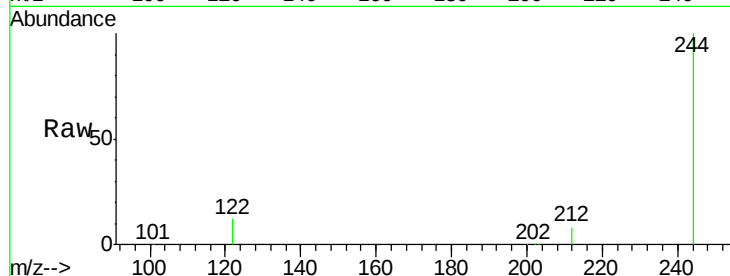




#27
 Terphenyl-d14
 Concen: 5.56 ng
 RT: 19.60 min Scan# 2622
 Delta R.T. -0.00 min
 Lab File: BE089924.D
 Acq: 23 Jun 2015 21:24

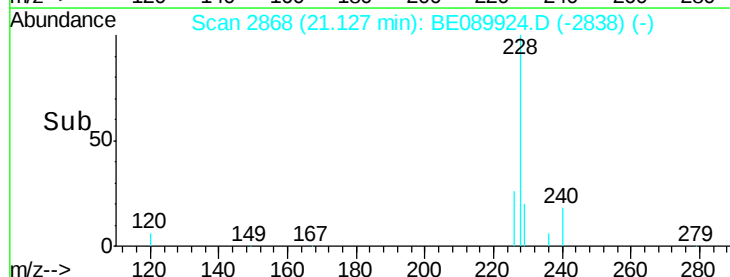
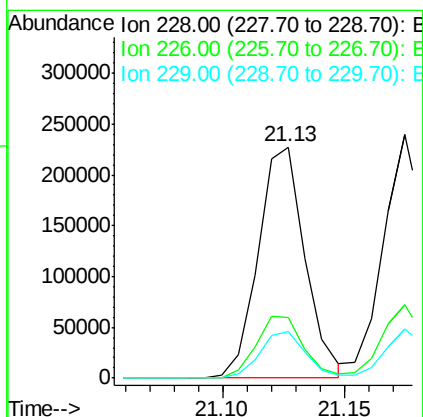
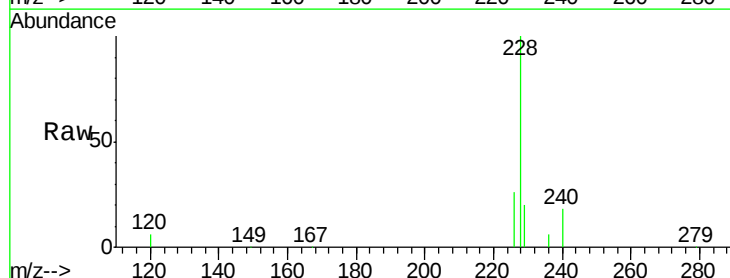
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC005

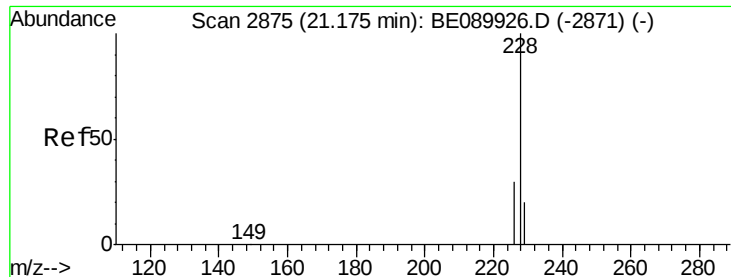
Tgt Ion:244 Resp: 218340
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.1 9.1
 122 11.7 8.7 13.1



#28
 Benzo(a)anthracene
 Concen: 3.91 ng
 RT: 21.13 min Scan# 2868
 Delta R.T. 0.01 min
 Lab File: BE089924.D
 Acq: 23 Jun 2015 21:24

Tgt Ion:228 Resp: 300690
 Ion Ratio Lower Upper
 228 100
 226 26.2 22.2 33.4
 229 20.2 15.3 22.9





#29

Chrysene

Concen: 3.95 ng

RT: 21.17 min Scan# 2875

Delta R.T. -0.00 min

Lab File: BE089924.D

Acq: 23 Jun 2015 21:24

Instrument :

BNA_E

ClientSampleId :

SSTDIC005

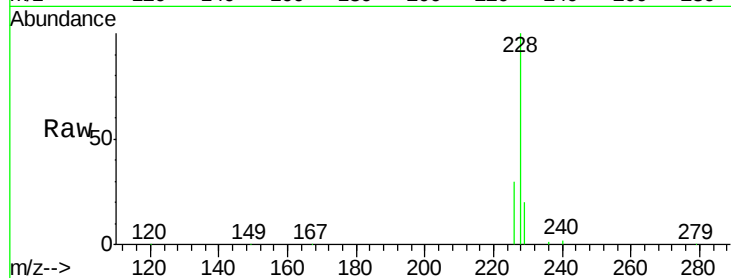
Tgt Ion:228 Resp: 319129

Ion Ratio Lower Upper

228 100

226 30.0 23.7 35.5

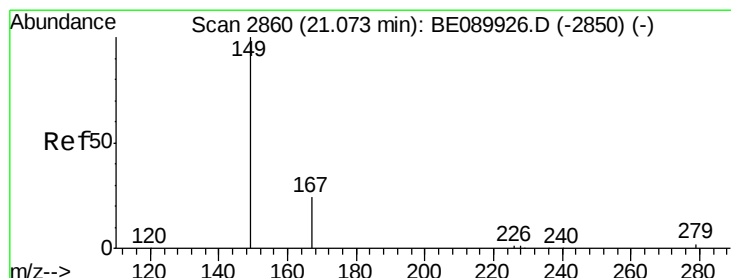
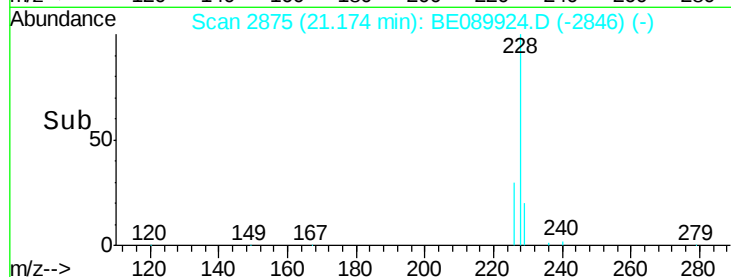
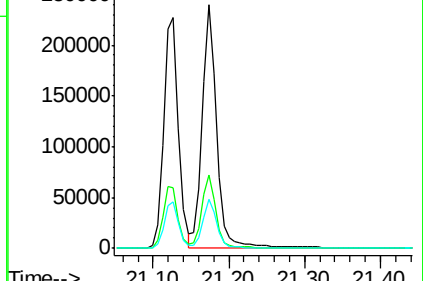
229 20.1 15.8 23.8



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: 0.83 ng

RT: 21.08 min Scan# 2861

Delta R.T. 0.01 min

Lab File: BE089924.D

Acq: 23 Jun 2015 21:24

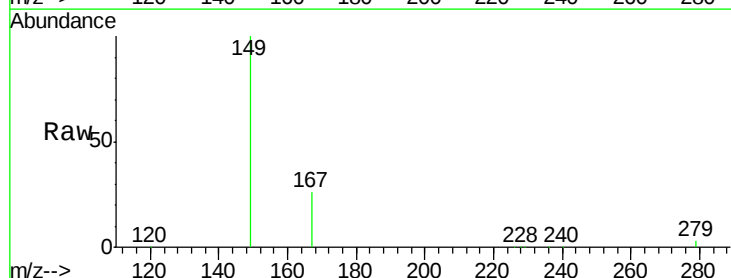
Tgt Ion:149 Resp: 33465

Ion Ratio Lower Upper

149 100

167 25.6 20.3 30.5

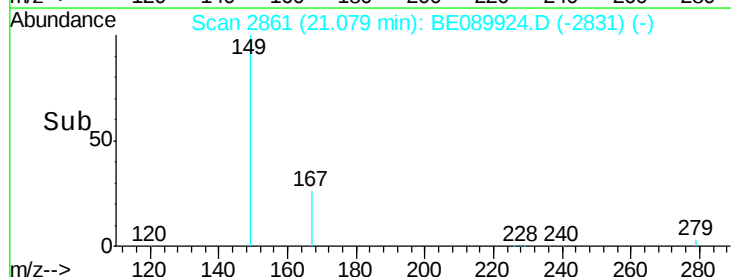
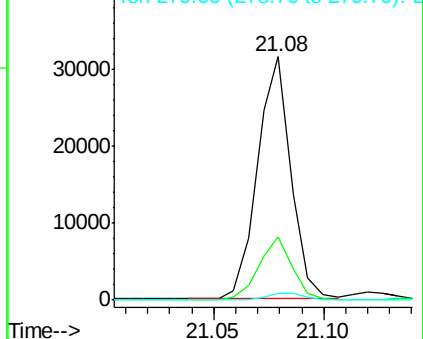
279 3.0 2.7 4.1

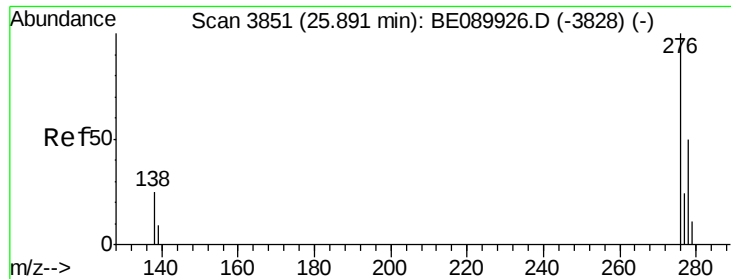


Abundance Ion 149.00 (148.70 to 149.70): E

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: 3.63 ng

RT: 25.89 min Scan# 3851

Delta R.T. -0.00 min

Lab File: BE089924.D

Acq: 23 Jun 2015 21:24

Instrument :

BNA_E

ClientSampleId :

SSTDICC005

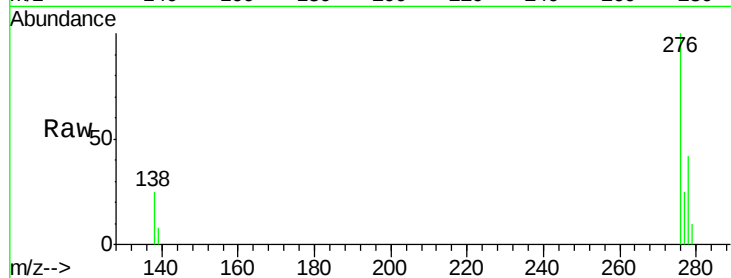
Tgt Ion: 276 Resp: 277701

Ion Ratio Lower Upper

276 100

138 27.5 0.0 0.0#

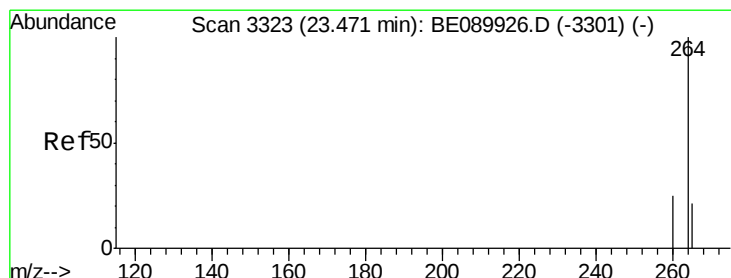
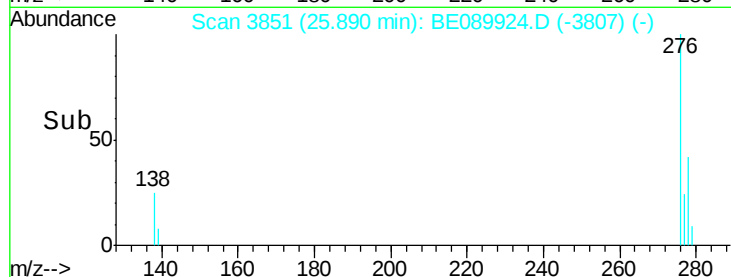
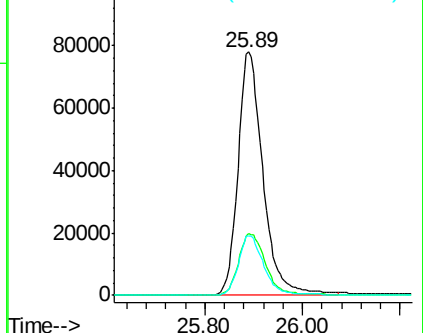
277 25.0 0.0 0.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#32

Perylene-d12

Concen: 5.00 ng

RT: 23.47 min Scan# 3323

Delta R.T. -0.00 min

Lab File: BE089924.D

Acq: 23 Jun 2015 21:24

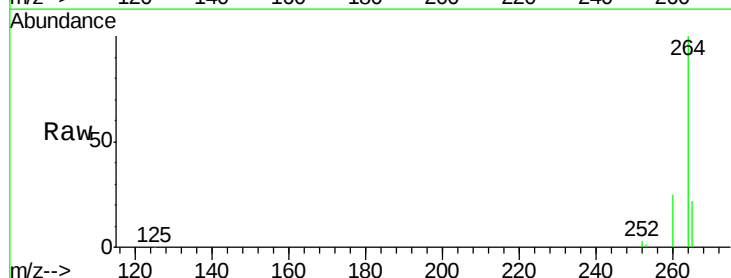
Tgt Ion: 264 Resp: 229585

Ion Ratio Lower Upper

264 100

260 25.0 19.8 29.6

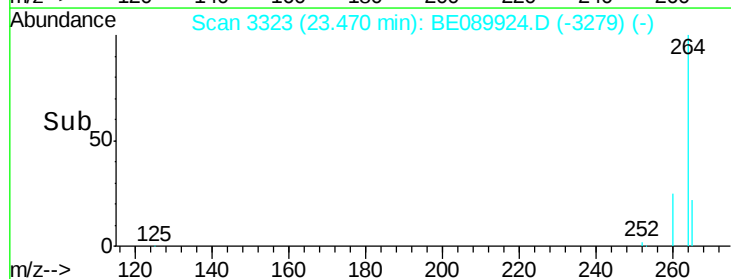
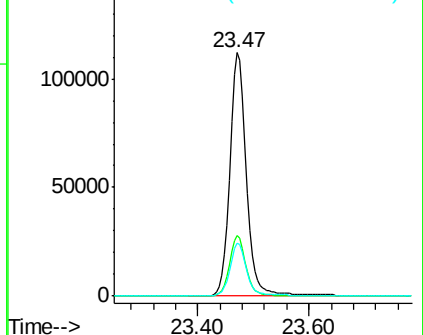
265 21.7 17.3 25.9

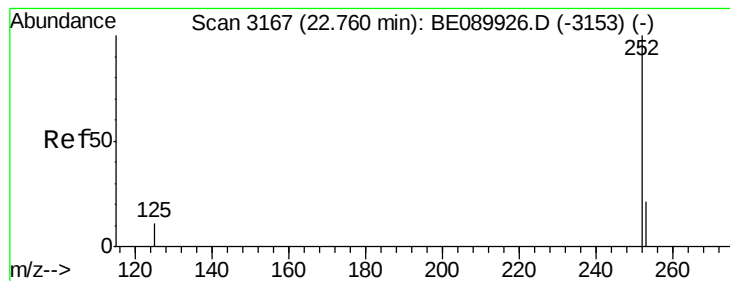


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#33

Benzo(b)fluoranthene

Concen: 3.48 ng

RT: 22.76 min Scan# 3167

Delta R.T. -0.00 min

Lab File: BE089924.D

Acq: 23 Jun 2015 21:24

Instrument :

BNA_E

ClientSampleId :

SSTDIC005

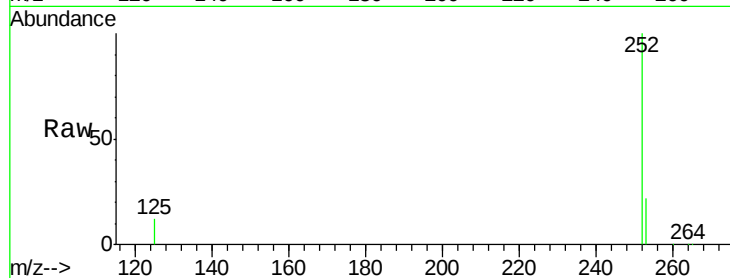
Tgt Ion:252 Resp: 250505

Ion Ratio Lower Upper

252 100

253 22.0 17.3 25.9

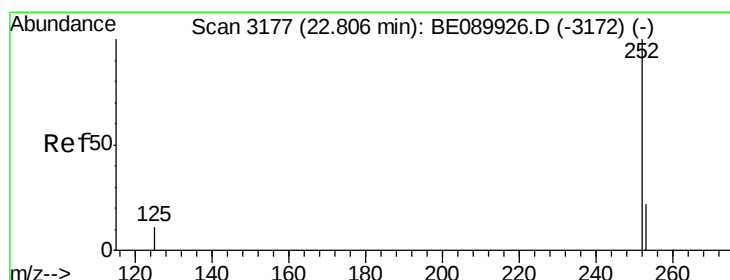
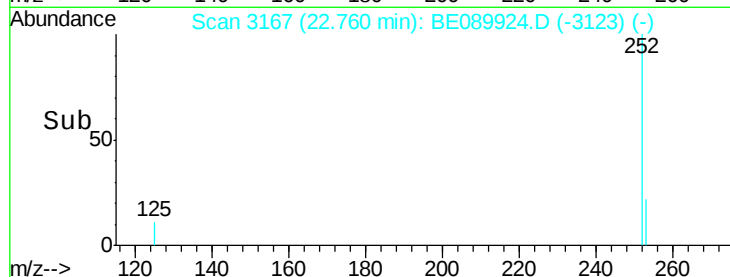
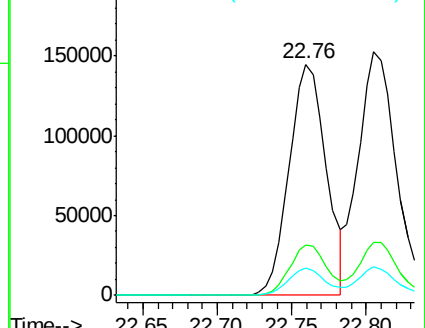
125 11.6 9.3 13.9



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: 4.33 ng

RT: 22.81 min Scan# 3177

Delta R.T. -0.00 min

Lab File: BE089924.D

Acq: 23 Jun 2015 21:24

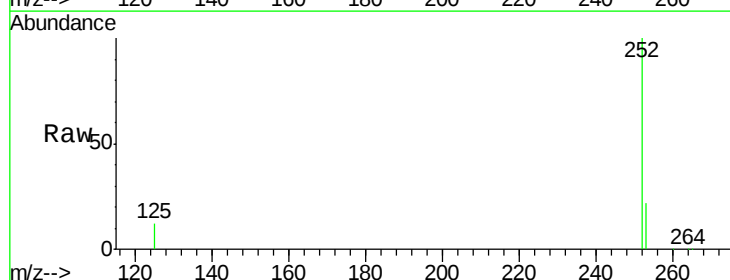
Tgt Ion:252 Resp: 285761

Ion Ratio Lower Upper

252 100

253 21.6 17.9 26.9

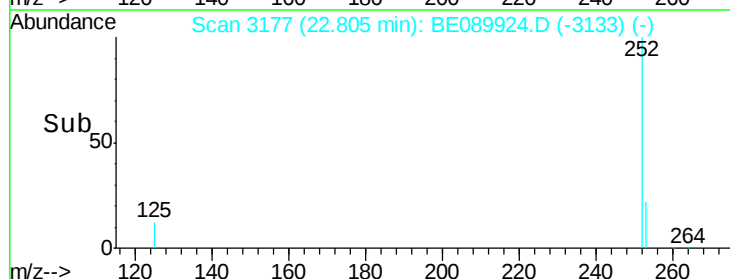
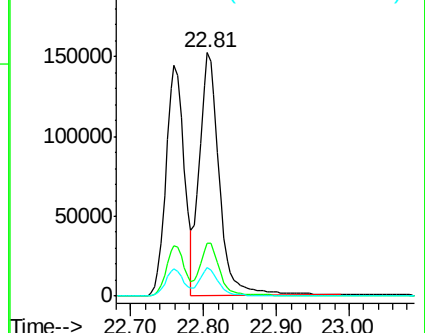
125 11.7 9.2 13.8



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: 3.84 ng

RT: 23.37 min Scan# 3300

Delta R.T. 0.00 min

Lab File: BE089924.D

Acq: 23 Jun 2015 21:24

Instrument :

BNA_E

ClientSampleId :

SSTDIC005

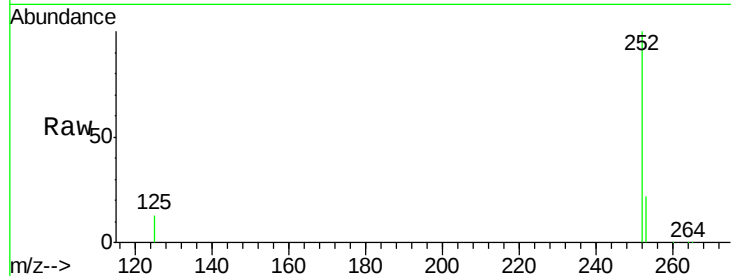
Tgt Ion: 252 Resp: 233719

Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.6

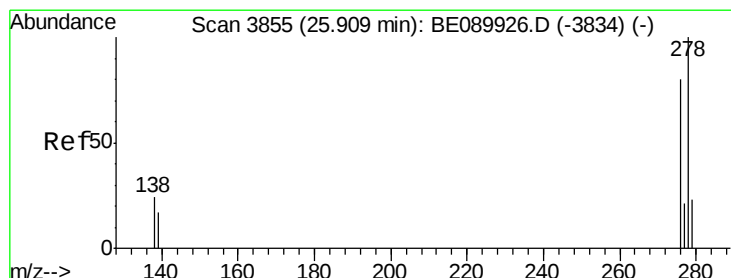
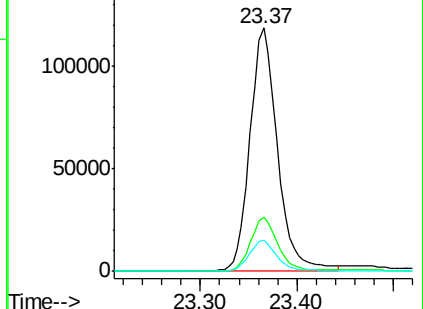
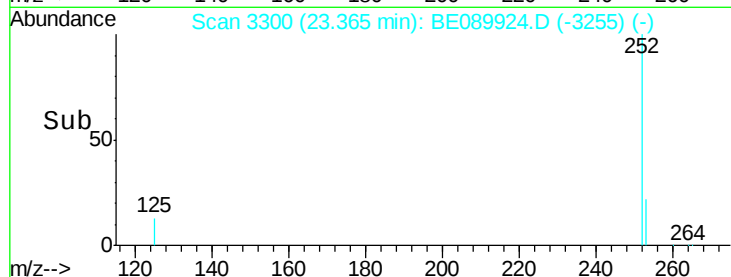
125 12.8 10.3 15.5



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#36

Dibenzo(a,h)anthracene

Concen: 3.75 ng

RT: 25.91 min Scan# 3856

Delta R.T. 0.00 min

Lab File: BE089924.D

Acq: 23 Jun 2015 21:24

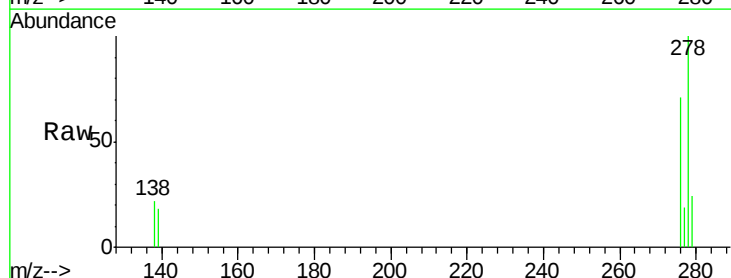
Tgt Ion: 278 Resp: 224849

Ion Ratio Lower Upper

278 100

139 17.7 14.1 21.1

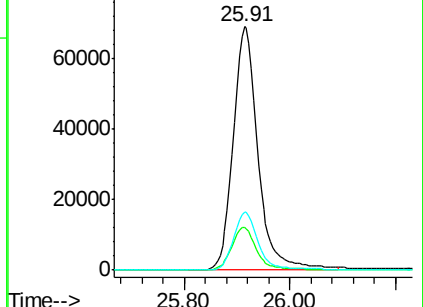
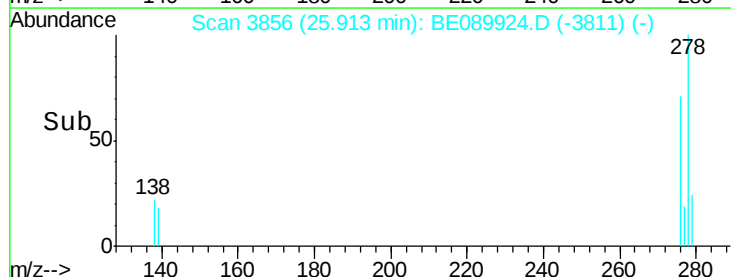
279 23.7 19.0 28.6



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: 3.64 ng

RT: 26.63 min Scan# 4013

Delta R.T. 0.00 min

Lab File: BE089924.D

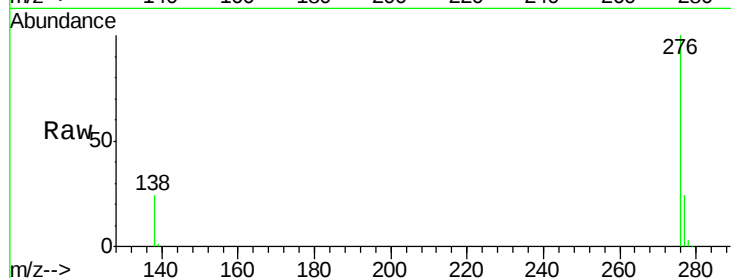
Acq: 23 Jun 2015 21:24

Instrument :

BNA_E

ClientSampleId :

SSTDIC005



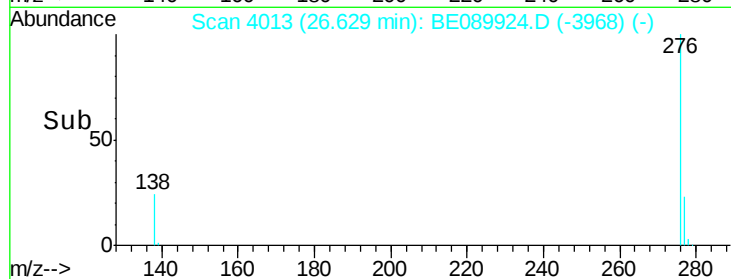
Tgt Ion: 276 Resp: 230007

Ion Ratio Lower Upper

276 100

277 23.5 19.0 28.4

138 23.8 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

