

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE071715\
 Data File : BE090155.D
 Acq On : 17 Jul 2015 21:01
 Operator : TP/IZ
 Sample : SSTDICC0.8
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.8

Quant Time: Jul 18 00:03:12 2015
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE071715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 17 23:58:28 2015
 Response via : Initial Calibration

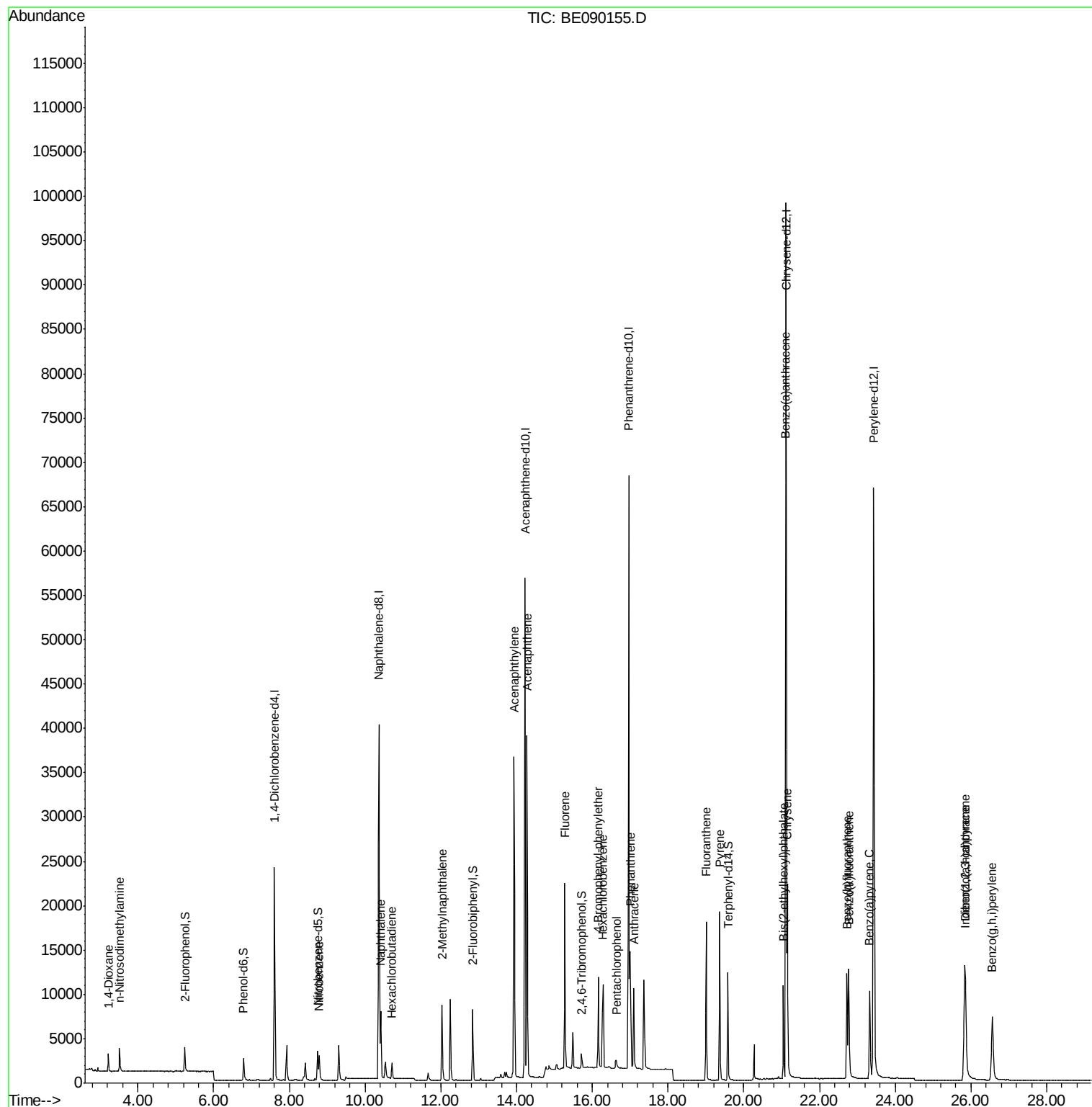
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	11999	5.00	ng	0.00
6) Naphthalene-d8	10.36	136	56835	5.00	ng	0.00
12) Acenaphthene-d10	14.22	164	32059	5.00	ng	0.00
18) Phenanthrene-d10	16.96	188	81808	5.00	ng	0.00
25) Chrysene-d12	21.11	240	91233	5.00	ng	0.00
32) Perylene-d12	23.43	264	94327	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.24	112	2359	0.90	ng	0.00
5) Phenol-d6	6.79	99	3099	0.85	ng	0.00
7) Nitrobenzene-d5	8.75	82	3205	0.77	ng	0.00
13) 2,4,6-Tribromophenol	15.73	330	635	1.08	ng	0.00
14) 2-Fluorobiphenyl	12.84	172	7883	0.80	ng	0.00
27) Terphenyl-d14	19.58	244	12957	0.85	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.22	88	1235	0.78	ng	99
3) n-Nitrosodimethylamine	3.51	42	1779	0.92	ng	98
8) Nitrobenzene	8.79	77	3155	0.72	ng	99
9) Naphthalene	10.41	128	10198	0.80	ng	100
10) Hexachlorobutadiene	10.71	225	1269	0.61	ng	100
11) 2-Methylnaphthalene	12.03	142	6815	0.83	ng	100
15) Acenaphthylene	13.93	152	47951	0.84	ng	100
16) Acenaphthene	14.28	154	6735	0.82	ng	99
17) Fluorene	15.27	166	9050	0.84	ng	100
19) 4-Bromophenyl-phenylether	16.16	248	2459	0.71	ng	98
20) Hexachlorobenzene	16.28	284	8799	0.60	ng	100
21) Pentachlorophenol	16.63	266	724	1.05	ng	98
22) Phenanthrene	17.00	178	14925	0.73	ng	100
23) Anthracene	17.10	178	14260	0.79	ng	100
24) Fluoranthene	19.00	202	16863	0.83	ng	100
26) Pyrene	19.36	202	17418	0.72	ng	99
28) Benzo(a)anthracene	21.10	228	17392	1.07	ng	99
29) Chrysene	21.15	228	17655	0.66	ng	98
30) Bis(2-ethylhexyl)phthalate	21.05	149	8757	1.98	ng	100
31) Indeno(1,2,3-cd)pyrene	25.82	276	20841	2.61	ng	100
33) Benzo(b)fluoranthene	22.72	252	16059	1.80	ng	100
34) Benzo(k)fluoranthene	22.77	252	18825	0.94	ng	99
35) Benzo(a)pyrene	23.32	252	15785	1.40	ng	100
36) Dibenzo(a,h)anthracene	25.85	278	16765	2.35	ng	99
37) Benzo(g,h,i)perylene	26.57	276	17294	1.45	ng	98

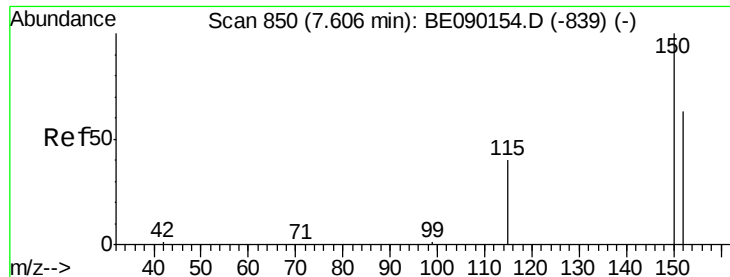
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE071715\
Data File : BE090155.D
Acq On : 17 Jul 2015 21:01
Operator : TP/IZ
Sample : SSTDICC0.8
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Quant Time: Jul 18 00:03:12 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE071715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 17 23:58:28 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.61 min Scan# 850

Delta R.T. 0.00 min

Lab File: BE090155.D

Acq: 17 Jul 2015 21:01

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

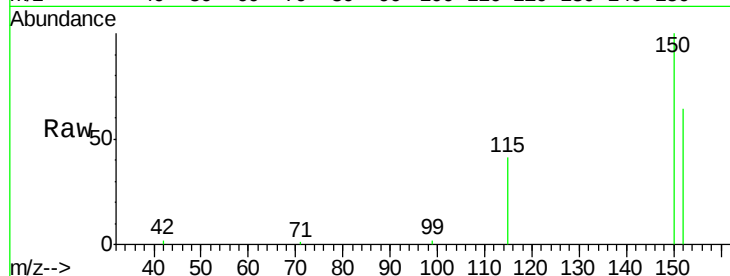
Tgt Ion:152 Resp: 11999

Ion Ratio Lower Upper

152 100

150 156.5 127.2 190.8

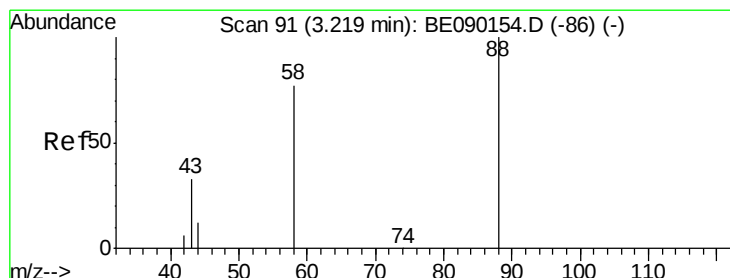
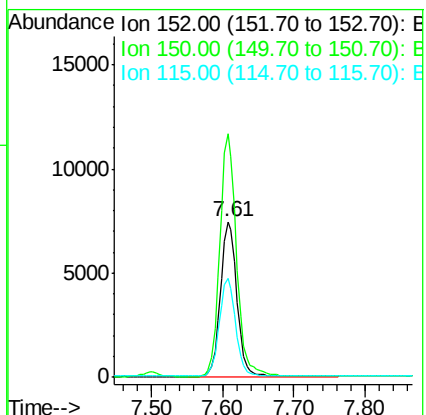
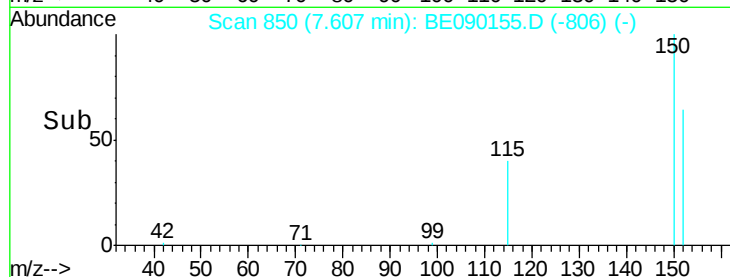
115 63.8 51.6 77.4



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: 0.78 ng

RT: 3.22 min Scan# 92

Delta R.T. 0.00 min

Lab File: BE090155.D

Acq: 17 Jul 2015 21:01

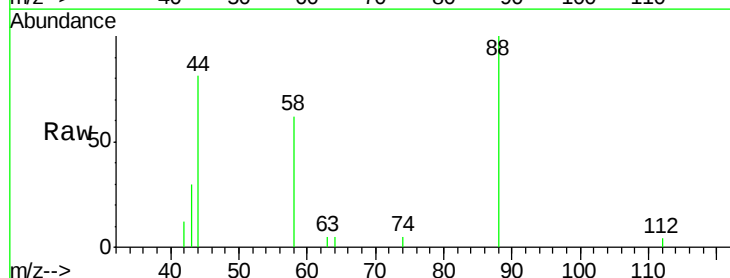
Tgt Ion: 88 Resp: 1235

Ion Ratio Lower Upper

88 100

58 73.2 58.2 87.2

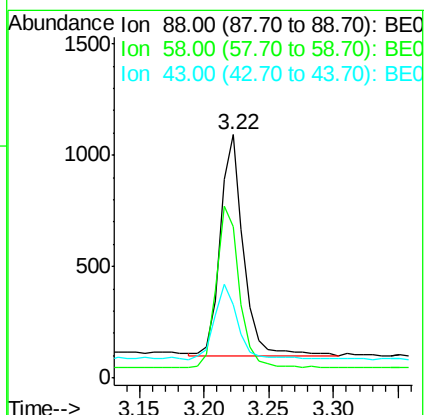
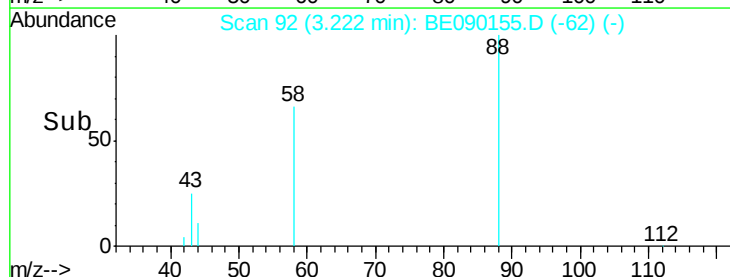
43 33.4 27.7 41.5

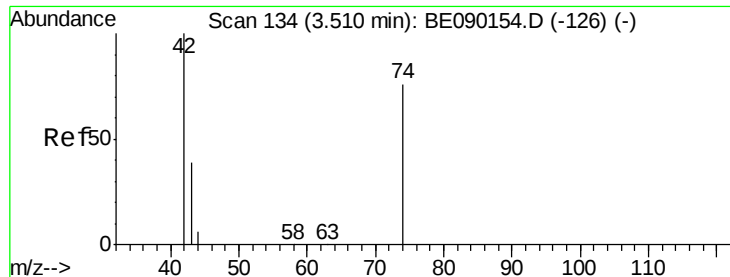


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



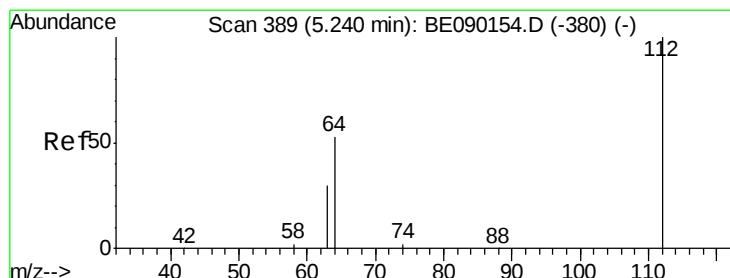
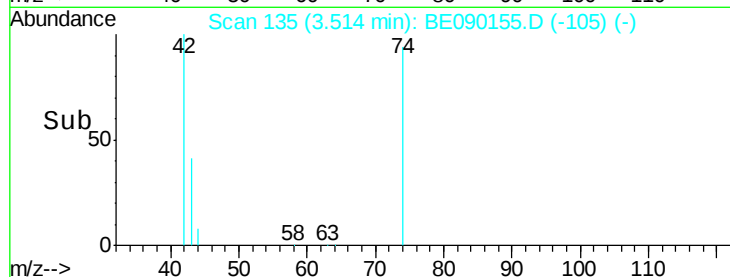
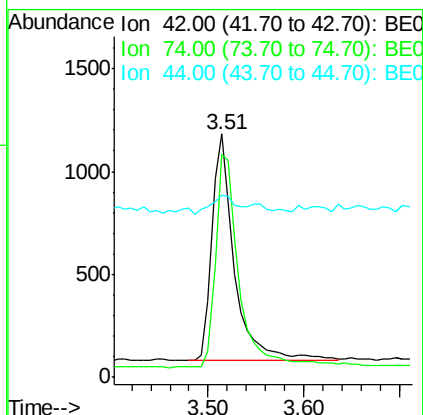
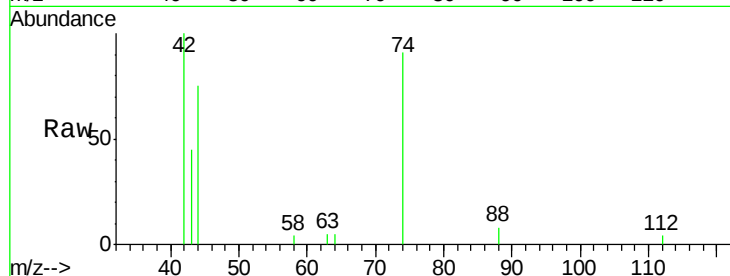


#3

n-Nitrosodimethylamine
 Concen: 0.92 ng
 RT: 3.51 min Scan# 135
 Delta R.T. 0.00 min
 Lab File: BE090155.D
 Acq: 17 Jul 2015 21:01

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.8

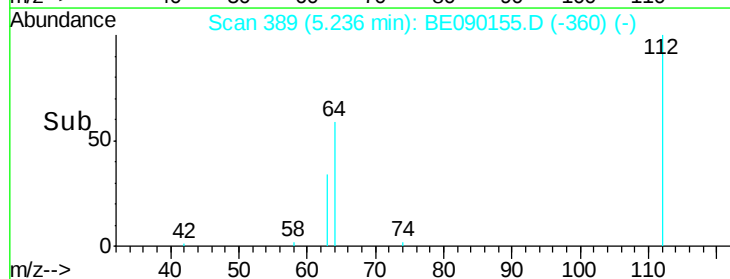
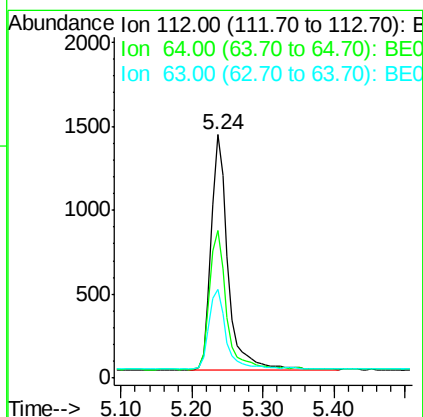
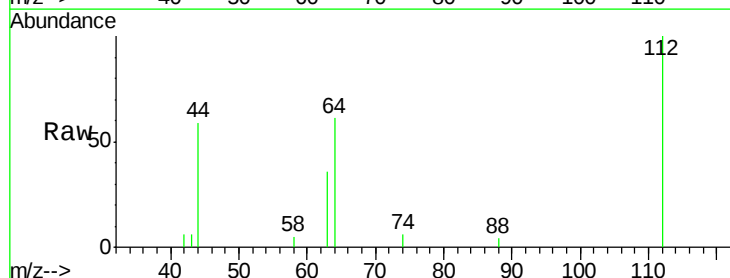
Tgt Ion: 42 Resp: 1779
 Ion Ratio Lower Upper
 42 100
 74 100.5 82.2 123.4
 44 8.8 7.5 11.3

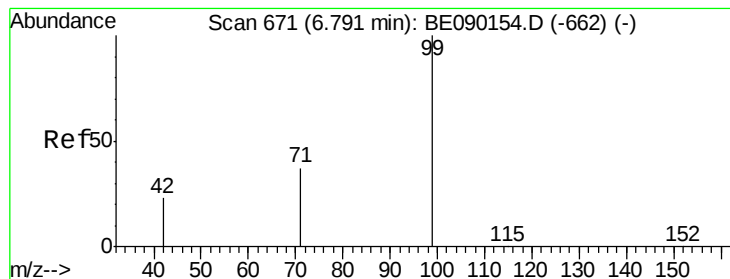


#4

2-Fluorophenol
 Concen: 0.90 ng
 RT: 5.24 min Scan# 389
 Delta R.T. -0.00 min
 Lab File: BE090155.D
 Acq: 17 Jul 2015 21:01

Tgt Ion: 112 Resp: 2359
 Ion Ratio Lower Upper
 112 100
 64 58.4 46.7 70.1
 63 34.2 27.3 40.9





#5

Phenol-d6

Concen: 0.85 ng

RT: 6.79 min Scan# 671

Delta R.T. 0.00 min

Lab File: BE090155.D

Acq: 17 Jul 2015 21:01

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

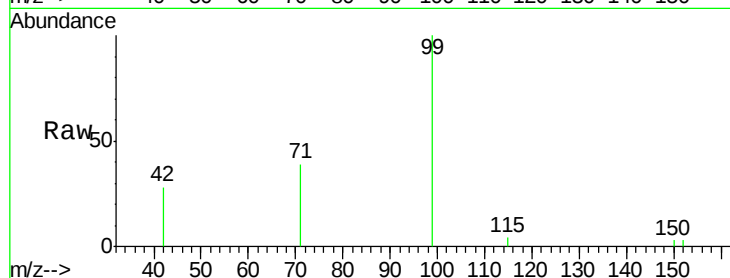
Tgt Ion: 99 Resp: 3099

Ion Ratio Lower Upper

99 100

42 24.7 19.1 28.7

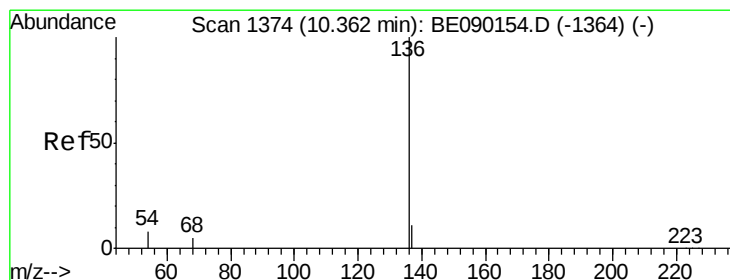
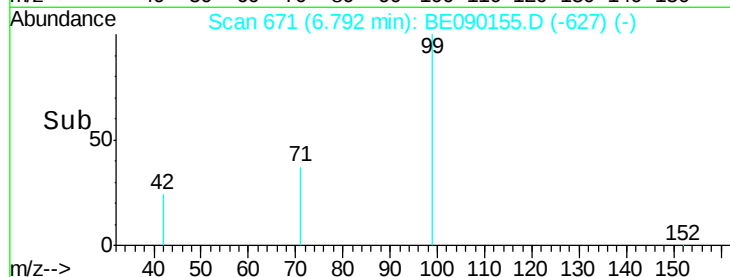
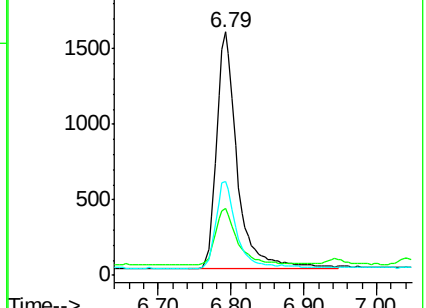
71 36.9 29.4 44.2



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: 10.36 min Scan# 1374

Delta R.T. -0.00 min

Lab File: BE090155.D

Acq: 17 Jul 2015 21:01

Tgt Ion: 136 Resp: 56835

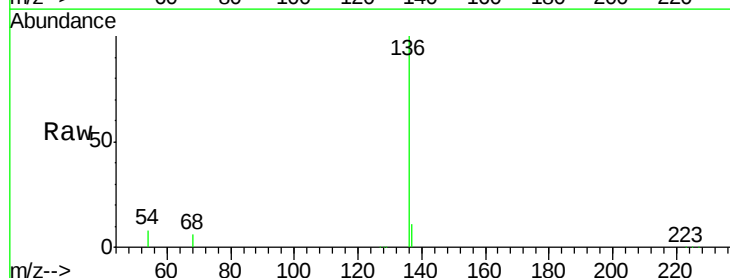
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 8.2 6.3 9.5

68 5.6 4.3 6.5

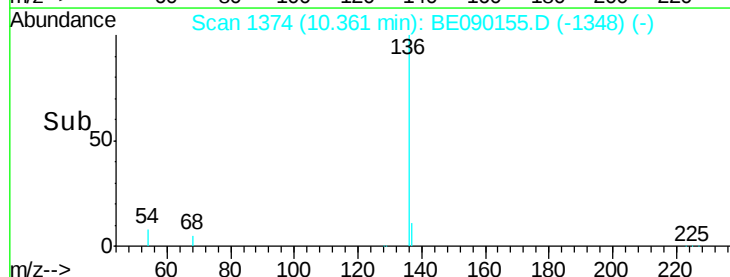
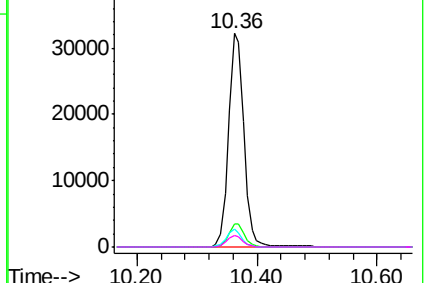


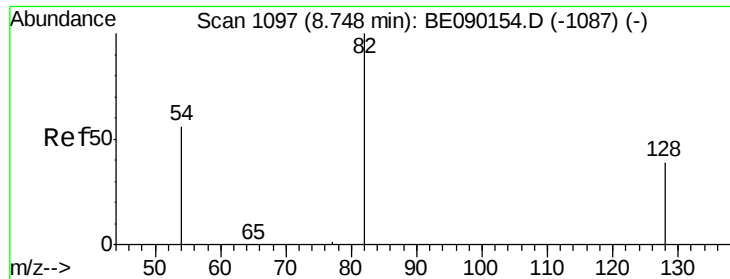
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.77 ng

RT: 8.75 min Scan# 1097

Delta R.T. -0.00 min

Lab File: BE090155.D

Acq: 17 Jul 2015 21:01

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

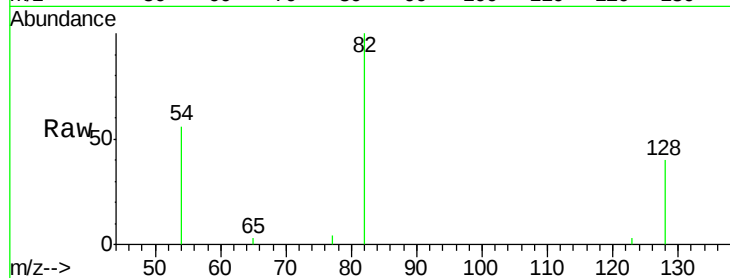
Tgt Ion: 82 Resp: 3205

Ion Ratio Lower Upper

82 100

128 39.6 32.7 49.1

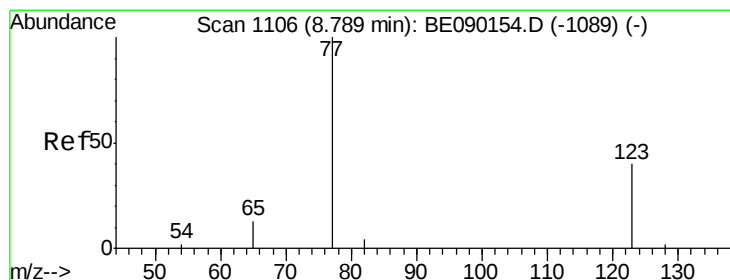
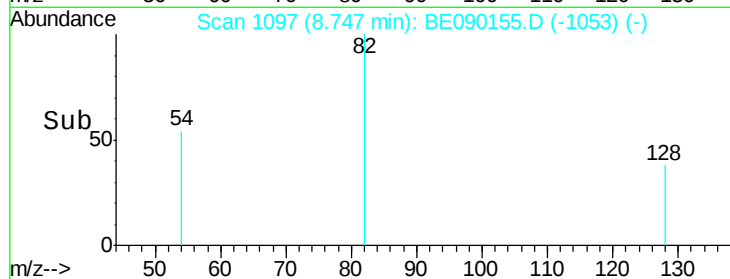
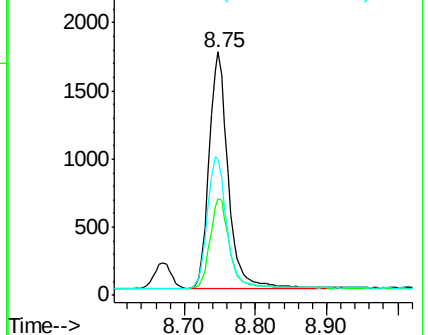
54 55.7 45.9 68.9



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: 0.72 ng

RT: 8.79 min Scan# 1106

Delta R.T. -0.00 min

Lab File: BE090155.D

Acq: 17 Jul 2015 21:01

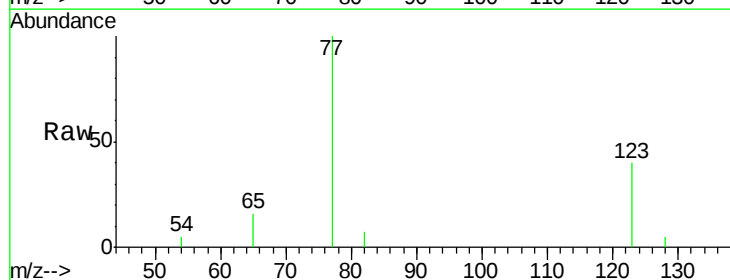
Tgt Ion: 77 Resp: 3155

Ion Ratio Lower Upper

77 100

123 41.3 32.3 48.5

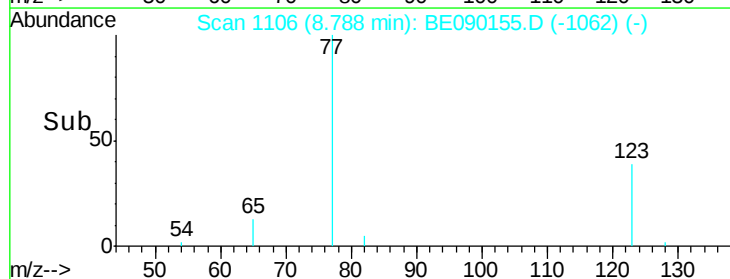
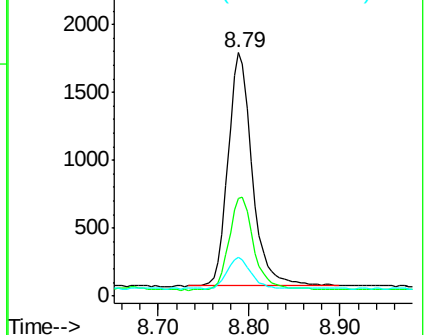
65 13.5 10.4 15.6

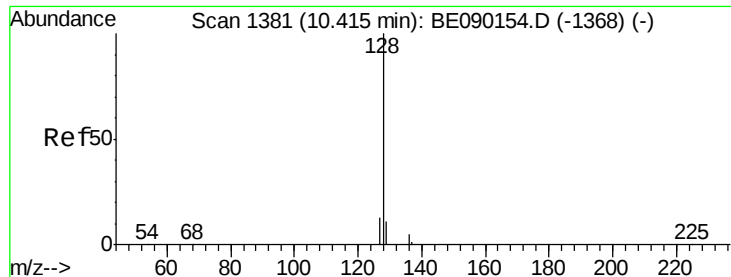


Abundance Ion 77.00 (76.70 to 77.70): BE0

Ion 123.00 (122.70 to 123.70): BE0

Ion 65.00 (64.70 to 65.70): BE0





#9

Naphthalene

Concen: 0.80 ng

RT: 10.41 min Scan# 1381

Delta R.T. -0.00 min

Lab File: BE090155.D

Acq: 17 Jul 2015 21:01

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

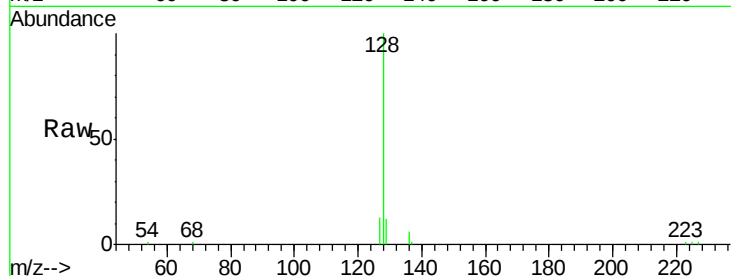
Tgt Ion:128 Resp: 10198

Ion Ratio Lower Upper

128 100

129 11.9 9.8 14.6

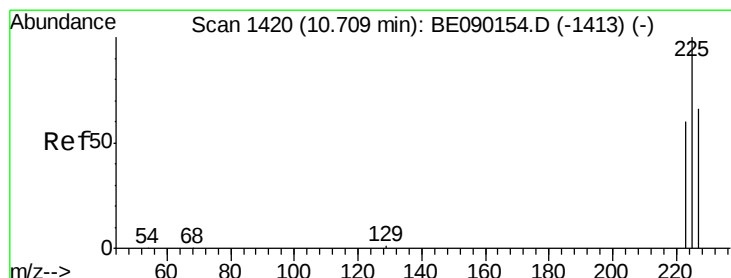
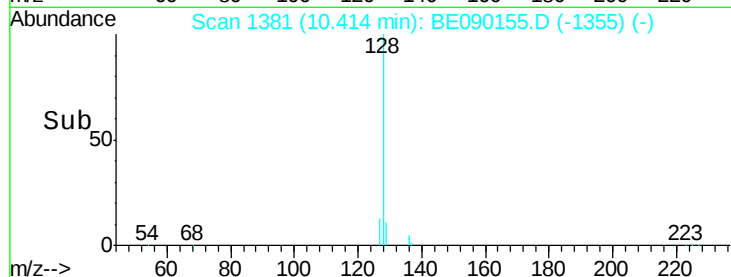
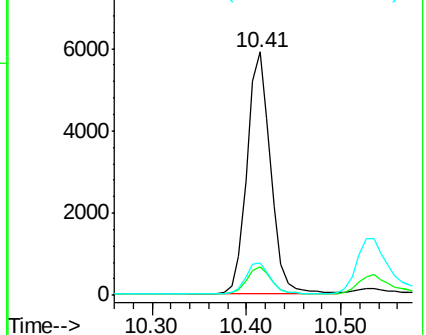
127 13.5 10.7 16.1



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: 0.61 ng

RT: 10.71 min Scan# 1420

Delta R.T. -0.00 min

Lab File: BE090155.D

Acq: 17 Jul 2015 21:01

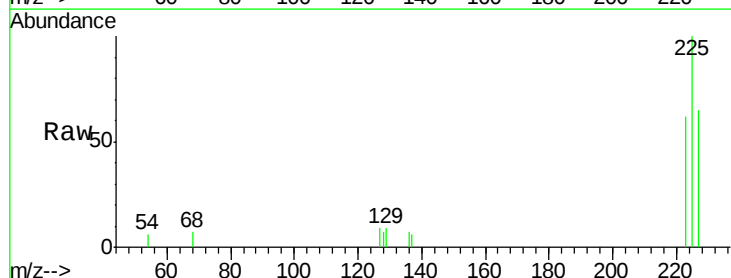
Tgt Ion:225 Resp: 1269

Ion Ratio Lower Upper

225 100

223 62.9 50.3 75.5

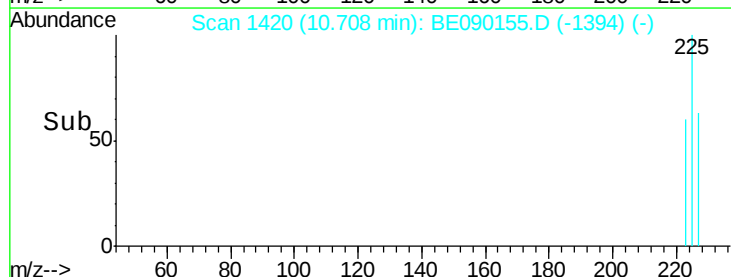
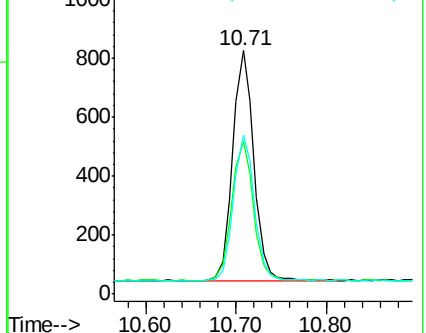
227 63.4 51.3 76.9

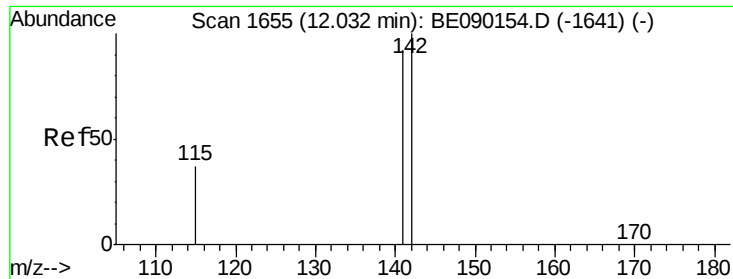


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

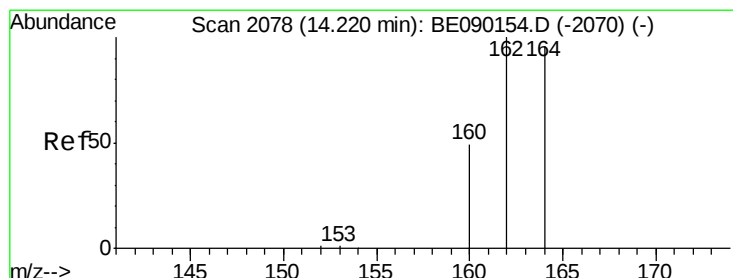
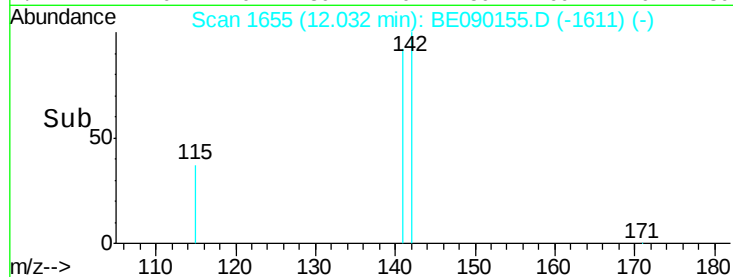
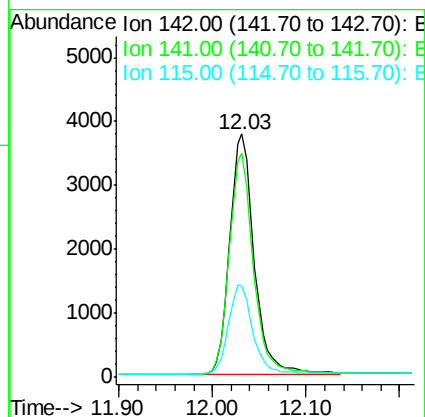
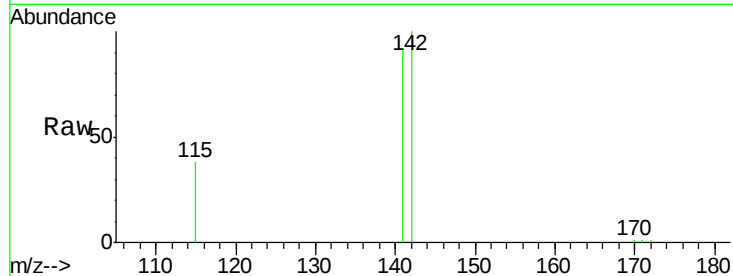




#11
2-Methylnaphthalene
Concen: 0.83 ng
RT: 12.03 min Scan# 1655
Delta R.T. -0.00 min
Lab File: BE090155.D
Acq: 17 Jul 2015 21:01

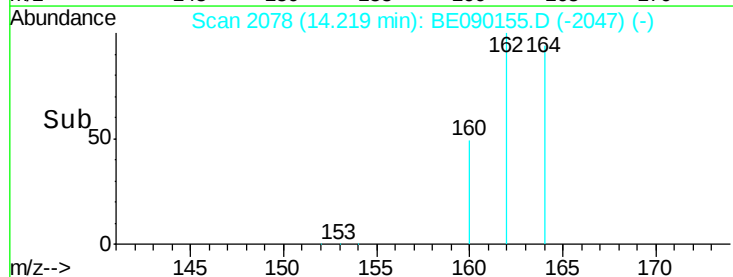
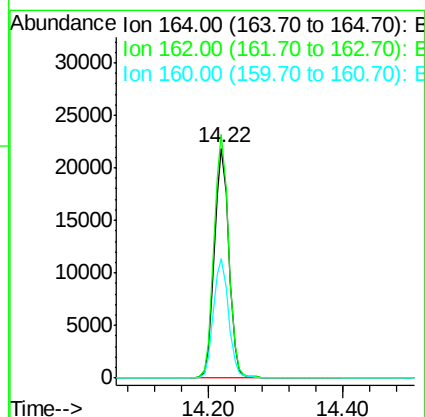
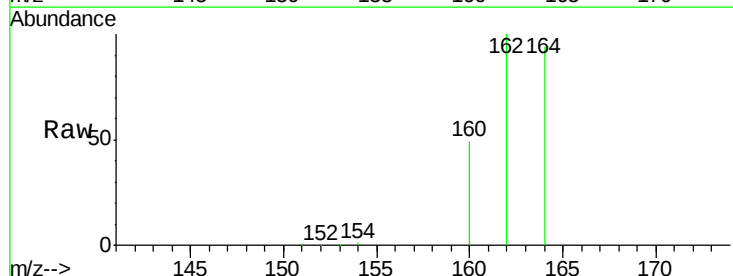
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.8

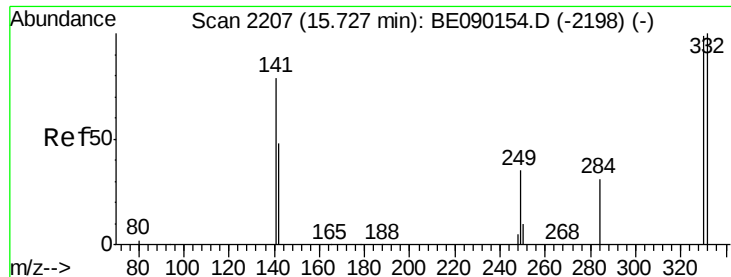
Tgt Ion:142 Resp: 6815
Ion Ratio Lower Upper
142 100
141 92.3 73.9 110.9
115 37.5 30.0 45.0



#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.22 min Scan# 2078
Delta R.T. -0.00 min
Lab File: BE090155.D
Acq: 17 Jul 2015 21:01

Tgt Ion:164 Resp: 32059
Ion Ratio Lower Upper
164 100
162 105.9 83.3 124.9
160 51.8 40.9 61.3

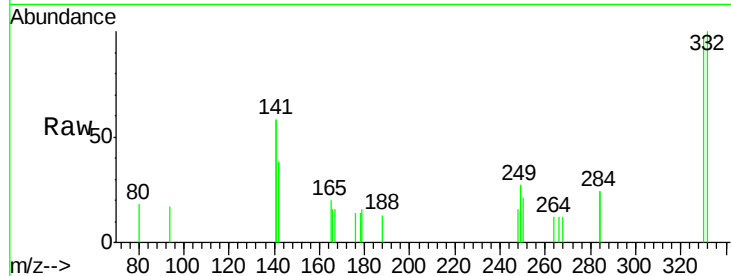




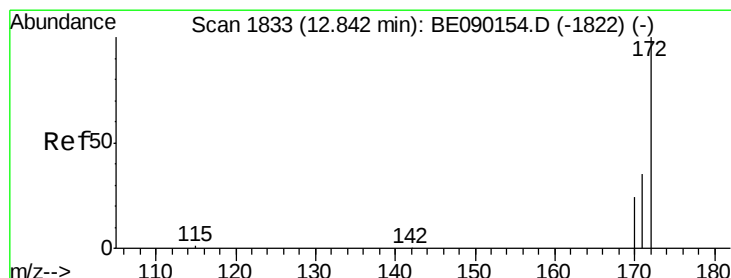
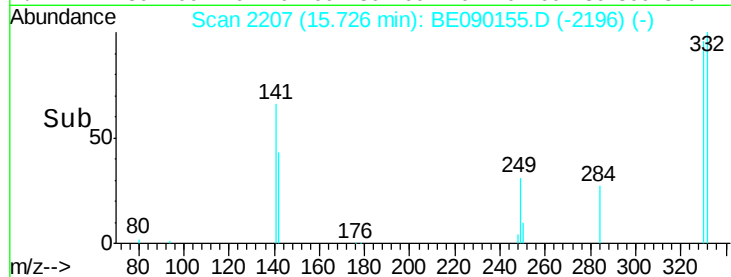
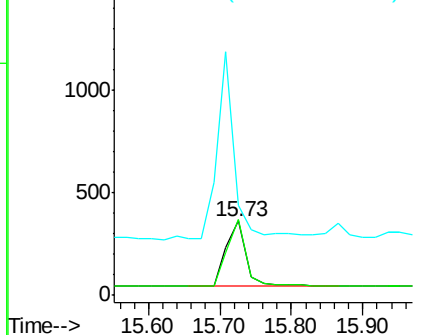
#13
 2,4,6-Tribromophenol
 Concen: 1.08 ng
 RT: 15.73 min Scan# 2207
 Delta R.T. -0.00 min
 Lab File: BE090155.D
 Acq: 17 Jul 2015 21:01

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.8

Tgt Ion: 330 Resp: 635
 Ion Ratio Lower Upper
 330 100
 332 95.4 78.2 117.2
 141 256.4 215.8 323.6

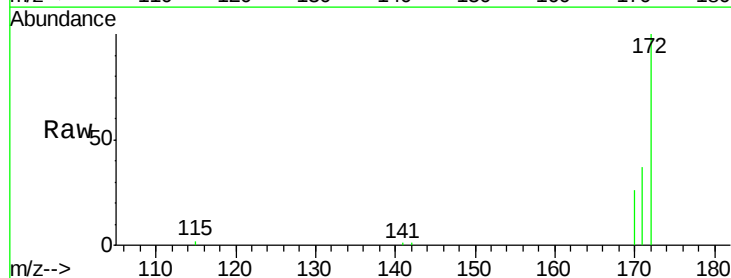


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

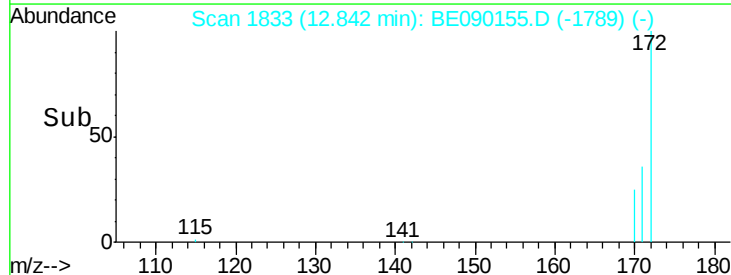
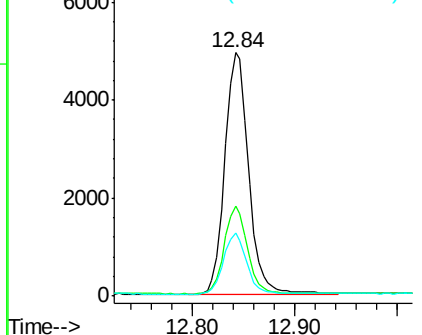


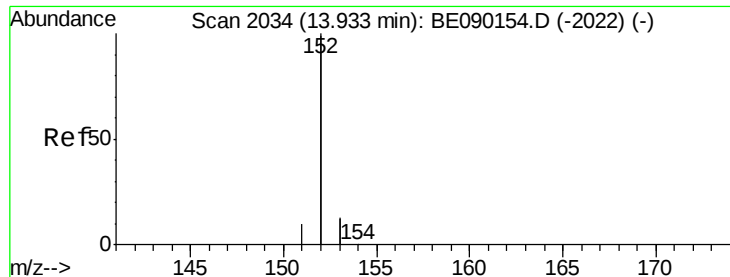
#14
 2-Fluorobiphenyl
 Concen: 0.80 ng
 RT: 12.84 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: BE090155.D
 Acq: 17 Jul 2015 21:01

Tgt Ion: 172 Resp: 7883
 Ion Ratio Lower Upper
 172 100
 171 36.8 28.5 42.7
 170 25.9 19.7 29.5



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: 0.84 ng

RT: 13.93 min Scan# 2034

Delta R.T. -0.00 min

Lab File: BE090155.D

Acq: 17 Jul 2015 21:01

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

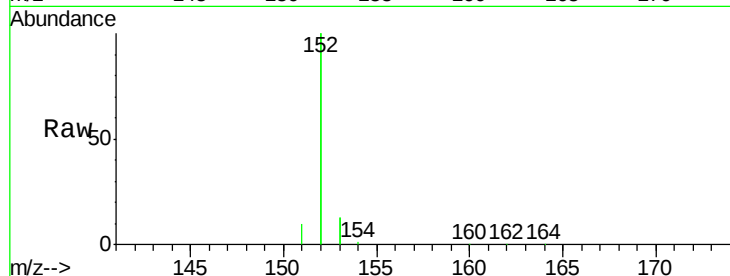
Tgt Ion:152 Resp: 47951

Ion Ratio Lower Upper

152 100

151 5.0 4.0 6.0

153 13.1 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

40000

30000

20000

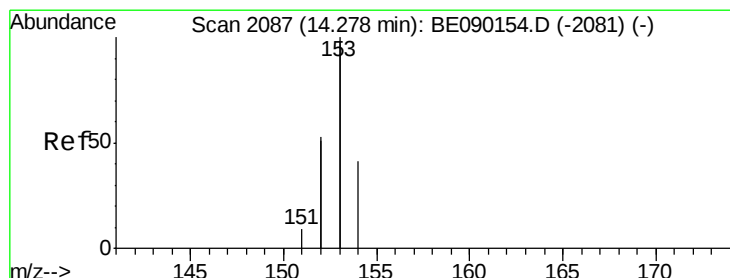
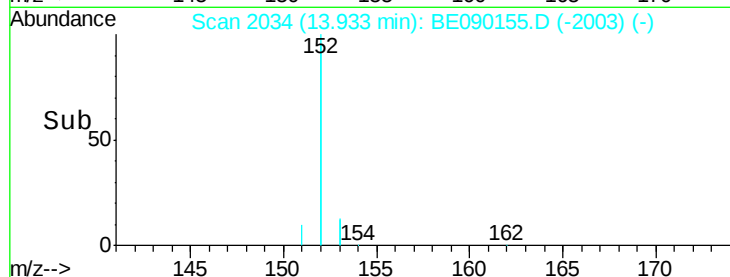
10000

0

13.80

14.00

Time-->



#16

Acenaphthene

Concen: 0.82 ng

RT: 14.28 min Scan# 2087

Delta R.T. -0.00 min

Lab File: BE090155.D

Acq: 17 Jul 2015 21:01

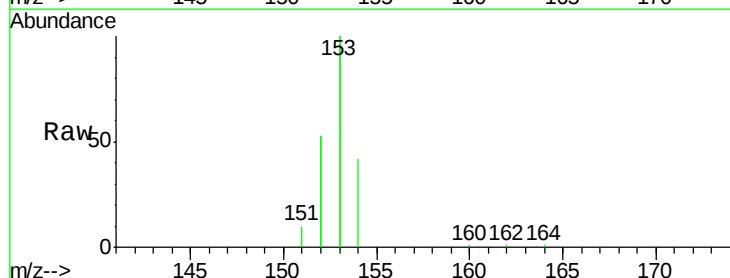
Tgt Ion:154 Resp: 6735

Ion Ratio Lower Upper

154 100

153 472.3 376.9 565.3

152 250.2 199.0 298.6



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

30000

25000

20000

15000

10000

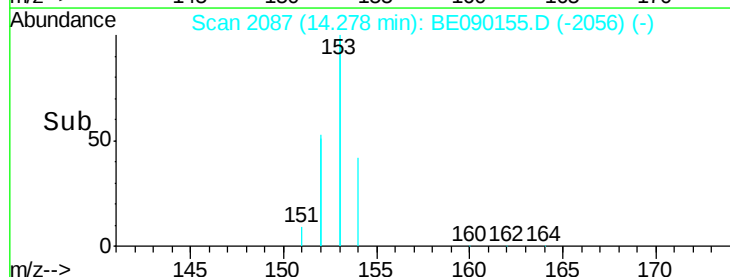
5000

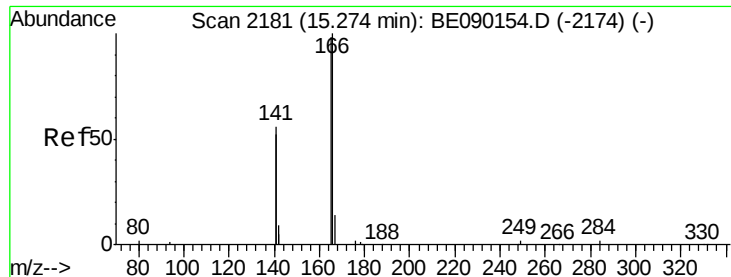
0

14.25

14.30

Time-->

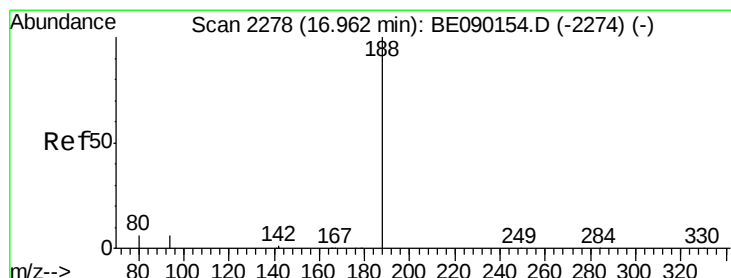
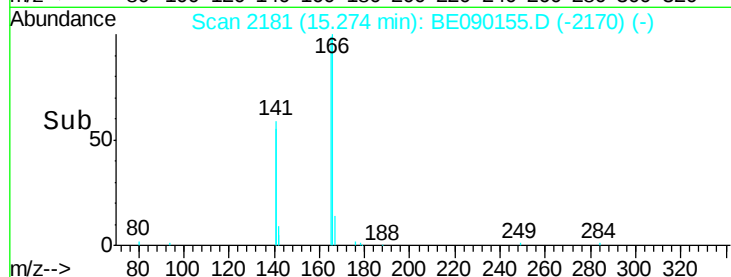
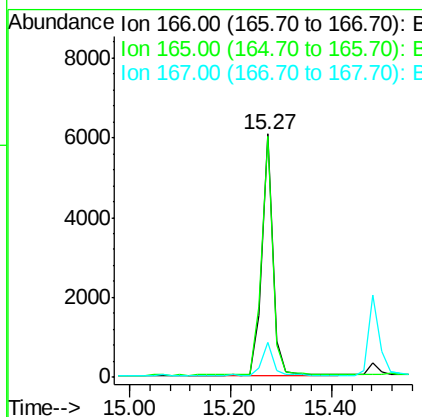
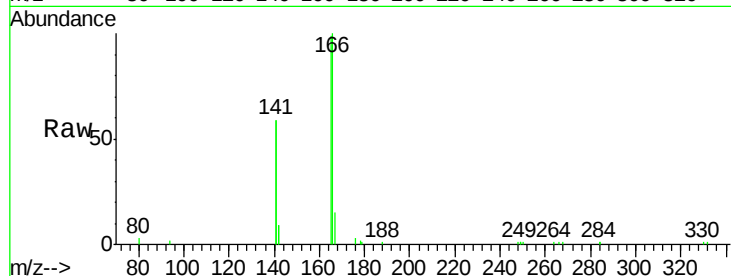




#17
Fluorene
 Concen: 0.84 ng
 RT: 15.27 min Scan# 2181
 Delta R.T. -0.00 min
 Lab File: BE090155.D
 Acq: 17 Jul 2015 21:01

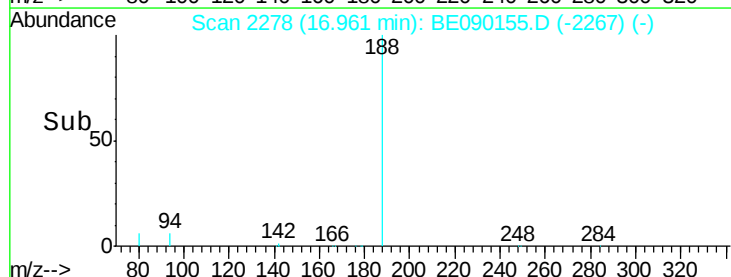
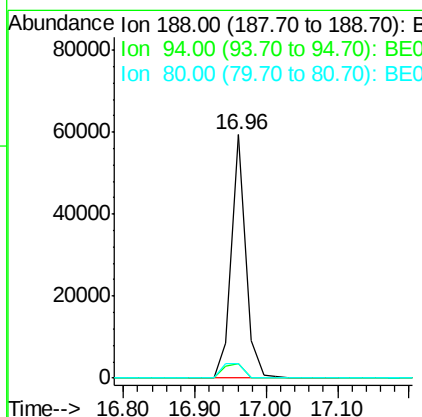
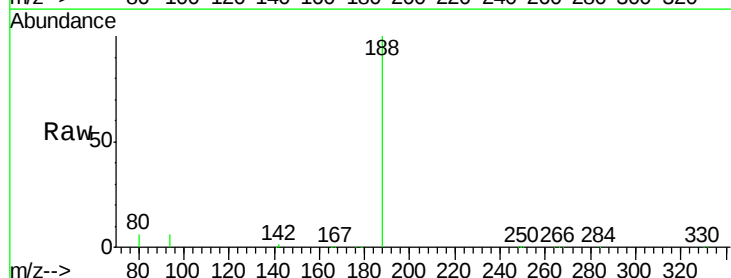
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.8

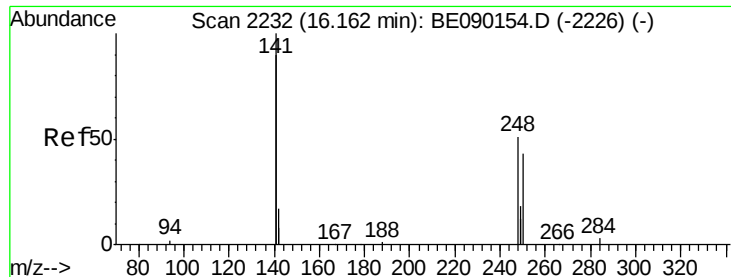
Tgt Ion:166 Resp: 9050
 Ion Ratio Lower Upper
 166 100
 165 101.6 81.5 122.3
 167 14.4 11.9 17.9



#18
Phenanthrene-d10
 Concen: 5.00 ng
 RT: 16.96 min Scan# 2278
 Delta R.T. -0.00 min
 Lab File: BE090155.D
 Acq: 17 Jul 2015 21:01

Tgt Ion:188 Resp: 81808
 Ion Ratio Lower Upper
 188 100
 94 5.9 4.6 7.0
 80 6.0 4.6 6.8

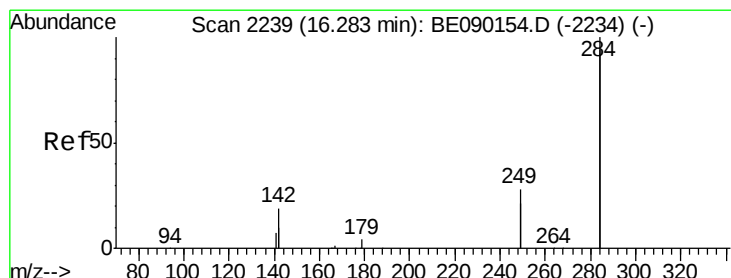
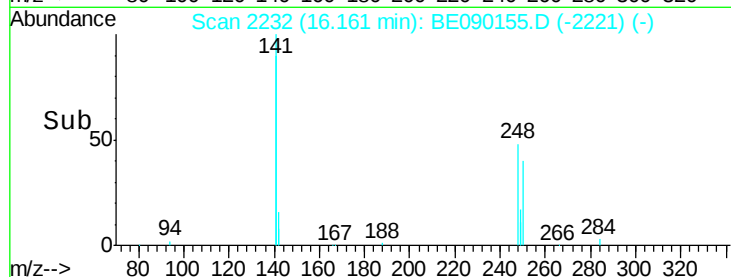
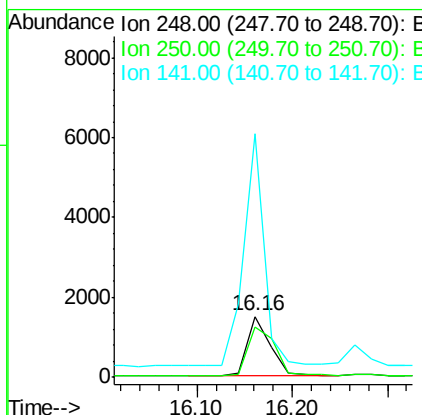
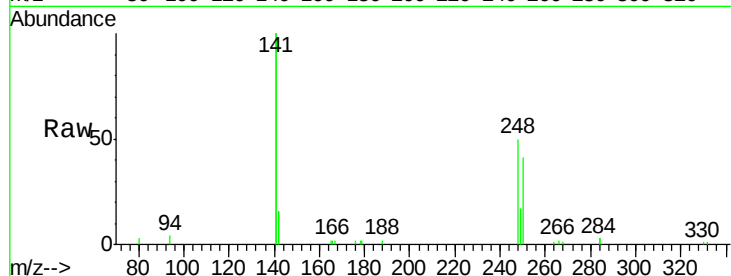




#19
4-Bromophenyl-phenylether
Concen: 0.71 ng
RT: 16.16 min Scan# 2232
Delta R.T. -0.00 min
Lab File: BE090155.D
Acq: 17 Jul 2015 21:01

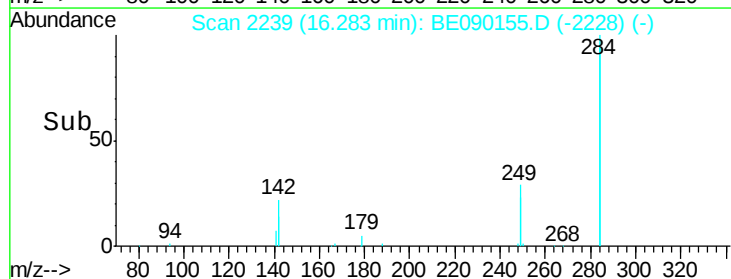
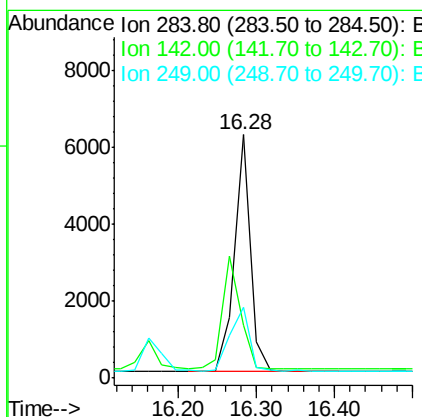
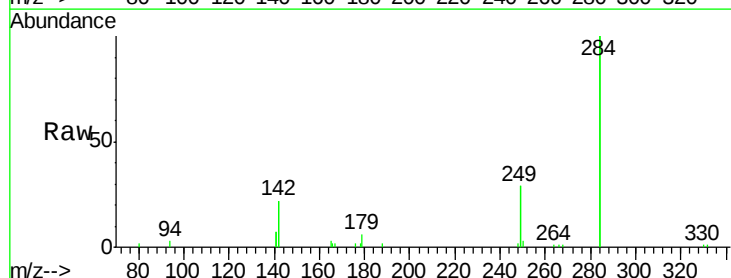
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.8

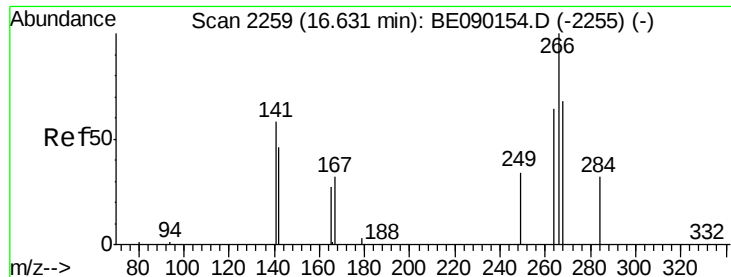
Tgt Ion:248 Resp: 2459
Ion Ratio Lower Upper
248 100
250 96.1 77.4 116.0
141 357.3 281.3 421.9



#20
Hexachlorobenzene
Concen: 0.60 ng
RT: 16.28 min Scan# 2239
Delta R.T. -0.00 min
Lab File: BE090155.D
Acq: 17 Jul 2015 21:01

Tgt Ion:284 Resp: 8799
Ion Ratio Lower Upper
284 100
142 52.5 42.2 63.2
249 32.2 25.5 38.3

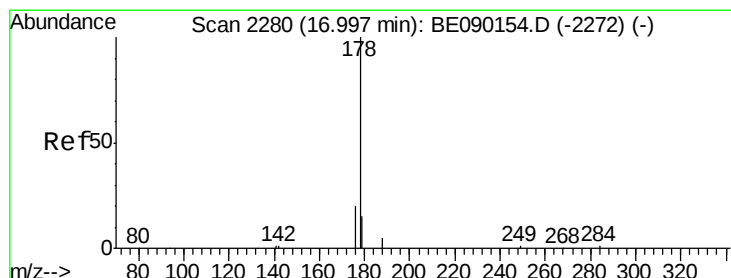
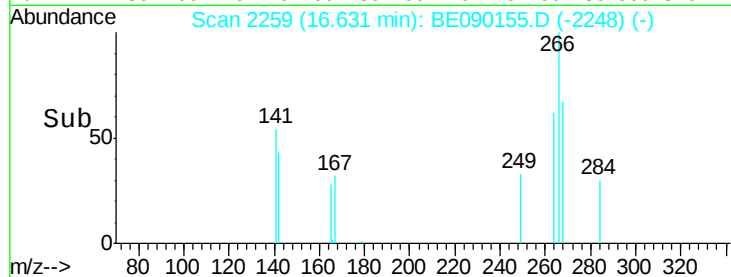
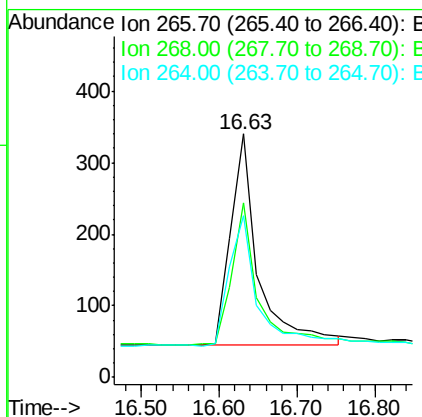
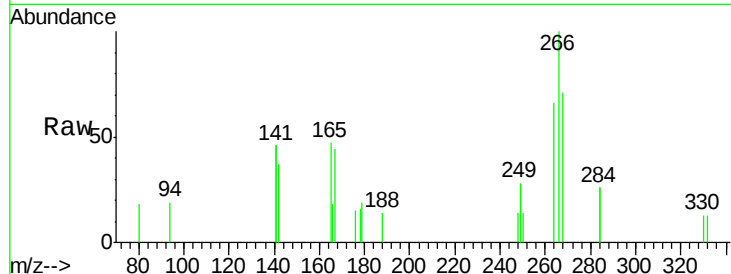




#21
 Pentachlorophenol
 Concen: 1.05 ng
 RT: 16.63 min Scan# 2259
 Delta R.T. -0.00 min
 Lab File: BE090155.D
 Acq: 17 Jul 2015 21:01

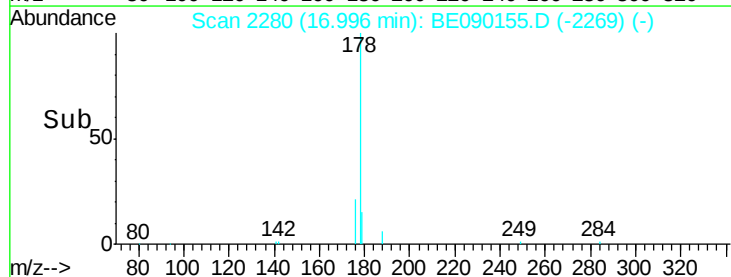
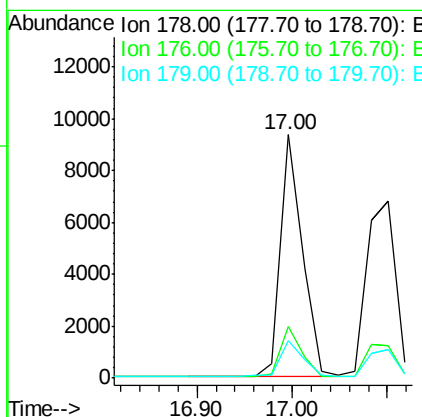
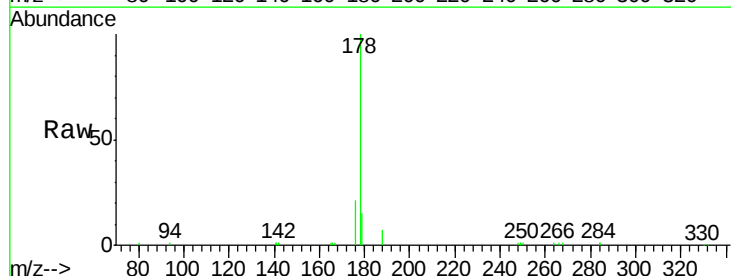
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.8

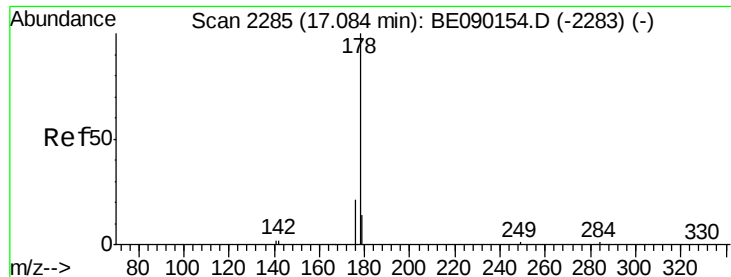
Tgt Ion: 266 Resp: 724
 Ion Ratio Lower Upper
 266 100
 268 71.5 58.2 87.4
 264 66.5 55.0 82.4



#22
 Phenanthrene
 Concen: 0.73 ng
 RT: 17.00 min Scan# 2280
 Delta R.T. -0.00 min
 Lab File: BE090155.D
 Acq: 17 Jul 2015 21:01

Tgt Ion: 178 Resp: 14925
 Ion Ratio Lower Upper
 178 100
 176 20.1 15.9 23.9
 179 15.5 12.5 18.7





#23

Anthracene

Concen: 0.79 ng

RT: 17.10 min Scan# 2286

Delta R.T. 0.02 min

Lab File: BE090155.D

Acq: 17 Jul 2015 21:01

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

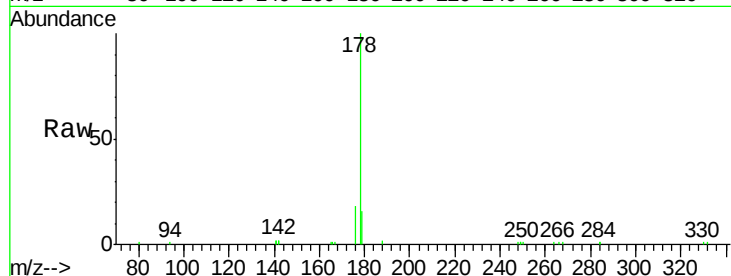
Tgt Ion:178 Resp: 14260

Ion Ratio Lower Upper

178 100

176 19.2 15.4 23.2

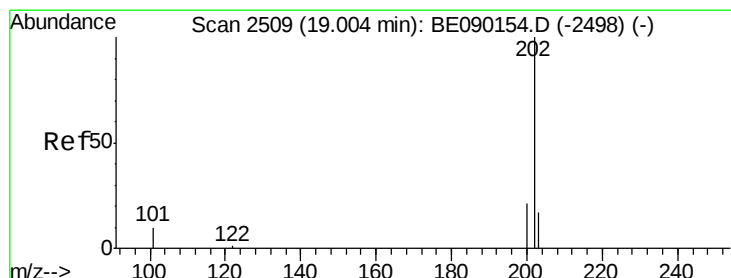
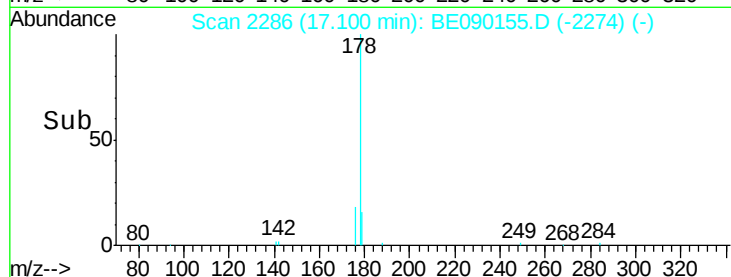
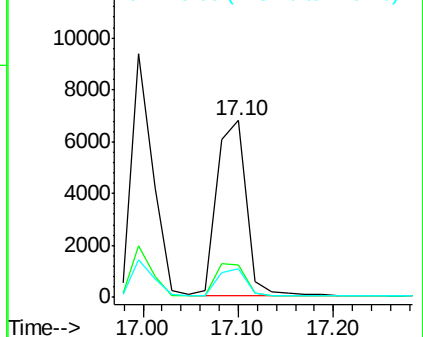
179 15.2 12.2 18.2



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: 0.83 ng

RT: 19.00 min Scan# 2509

Delta R.T. -0.00 min

Lab File: BE090155.D

Acq: 17 Jul 2015 21:01

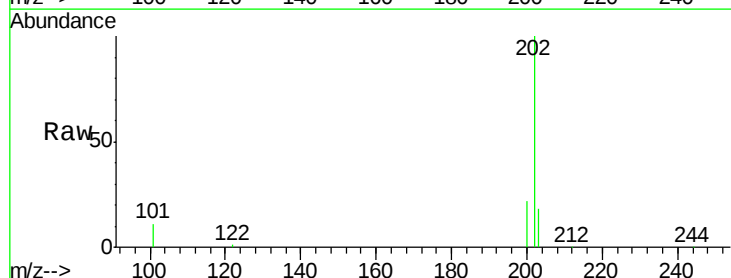
Tgt Ion:202 Resp: 16863

Ion Ratio Lower Upper

202 100

101 10.4 8.5 12.7

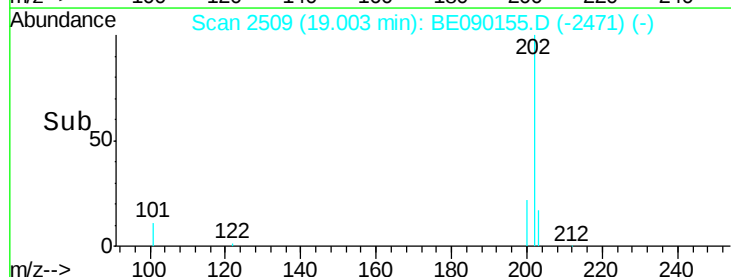
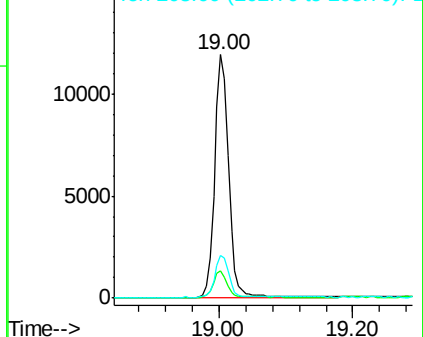
203 17.2 13.9 20.9

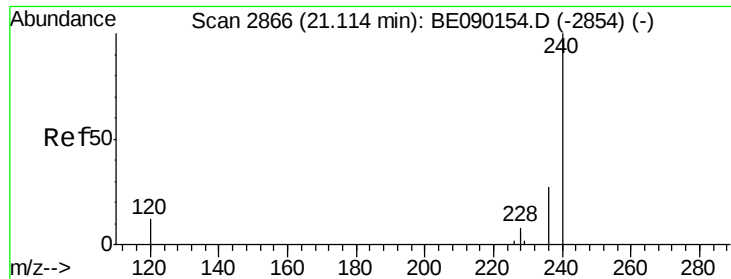


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.11 min Scan# 2867

Delta R.T. 0.00 min

Lab File: BE090155.D

Acq: 17 Jul 2015 21:01

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

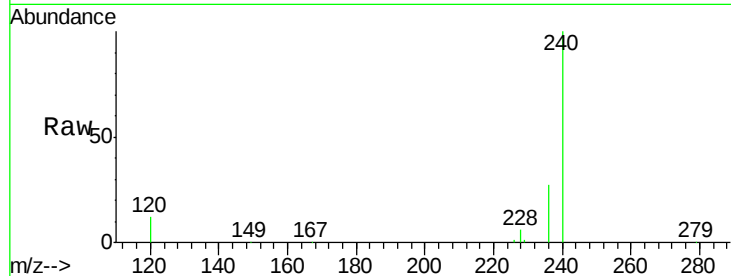
Tgt Ion:240 Resp: 91233

Ion Ratio Lower Upper

240 100

120 11.6 9.4 14.0

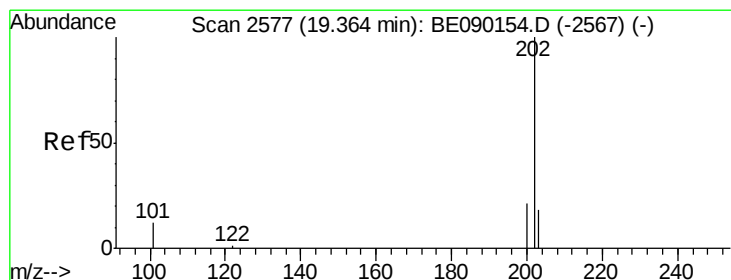
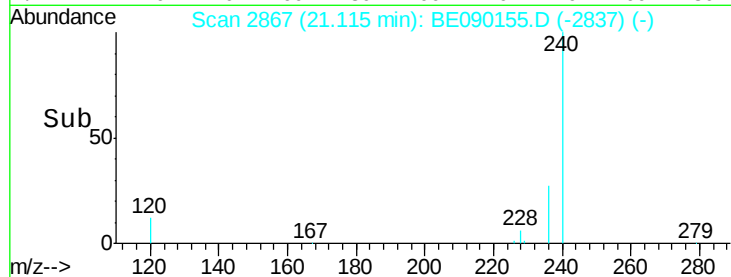
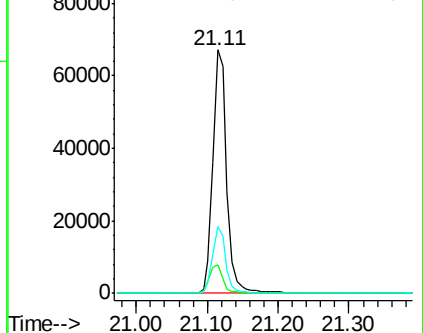
236 27.3 21.8 32.8



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#26

Pyrene

Concen: 0.72 ng

RT: 19.36 min Scan# 2577

Delta R.T. -0.00 min

Lab File: BE090155.D

Acq: 17 Jul 2015 21:01

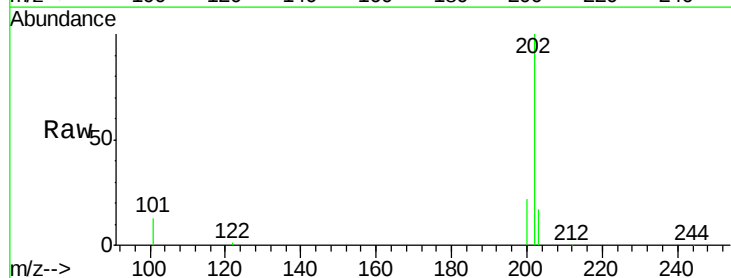
Tgt Ion:202 Resp: 17418

Ion Ratio Lower Upper

202 100

200 21.5 17.0 25.6

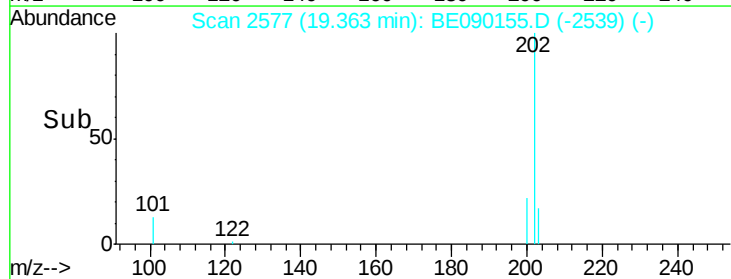
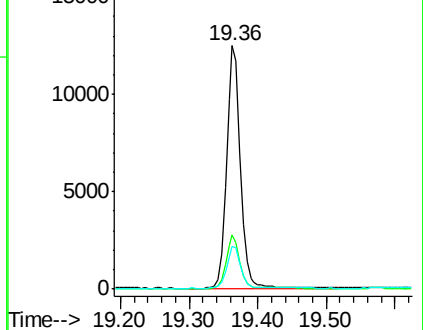
203 17.3 14.1 21.1

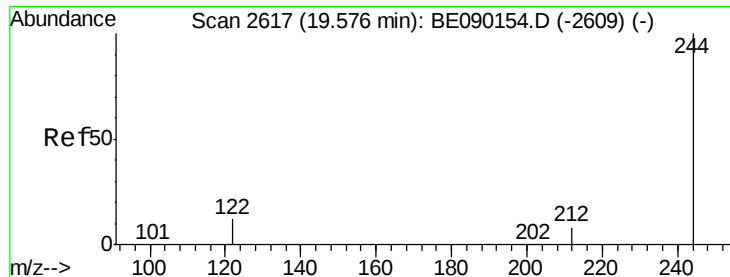


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Terphenyl-d14

Concen: 0.85 ng

RT: 19.58 min Scan# 2617

Delta R.T. -0.00 min

Lab File: BE090155.D

Acq: 17 Jul 2015 21:01

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

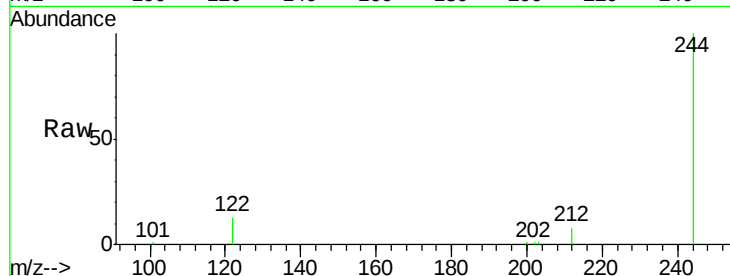
Tgt Ion:244 Resp: 12957

Ion Ratio Lower Upper

244 100

212 7.9 6.5 9.7

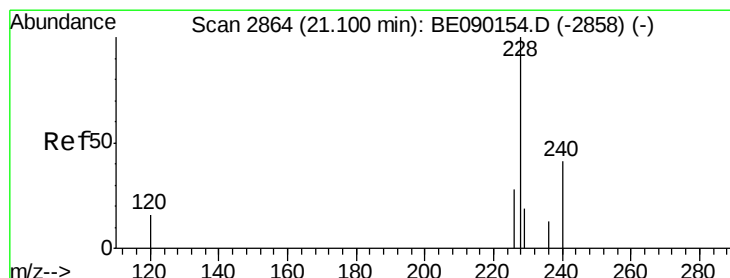
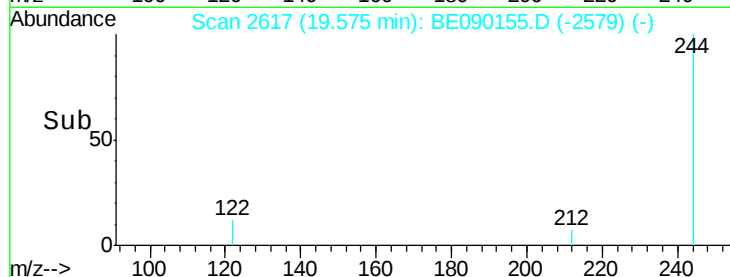
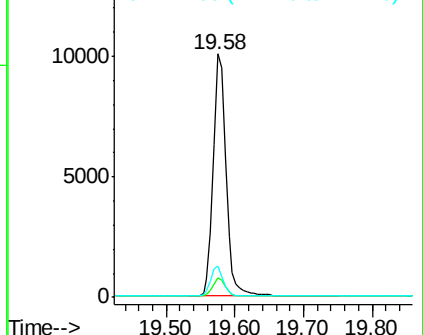
122 12.7 9.8 14.6



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: 1.07 ng

RT: 21.10 min Scan# 2865

Delta R.T. 0.00 min

Lab File: BE090155.D

Acq: 17 Jul 2015 21:01

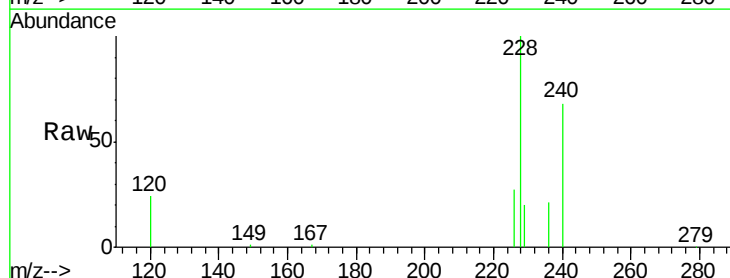
Tgt Ion:228 Resp: 17392

Ion Ratio Lower Upper

228 100

226 27.3 22.2 33.4

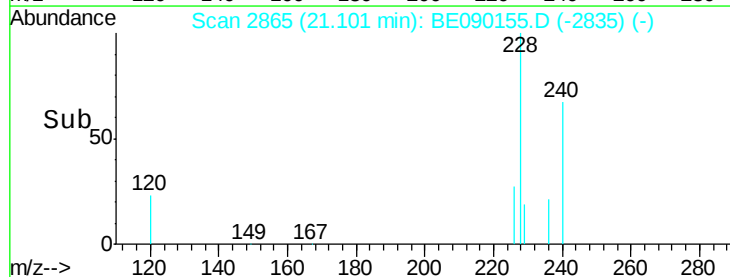
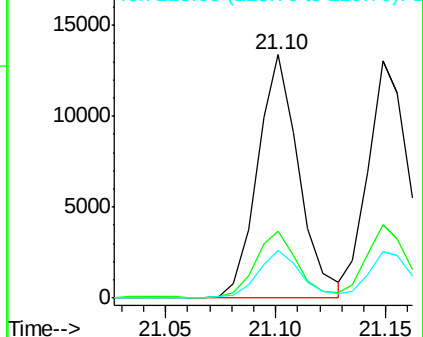
229 19.7 15.7 23.5

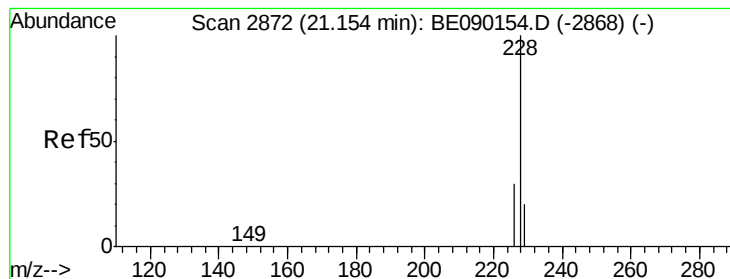


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#29

Chrysene

Concen: 0.66 ng

RT: 21.15 min Scan# 2872

Delta R.T. -0.01 min

Lab File: BE090155.D

Acq: 17 Jul 2015 21:01

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

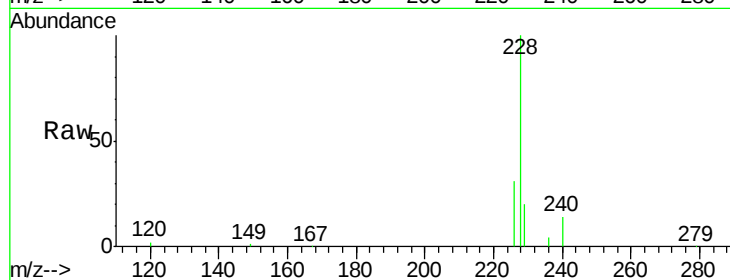
Tgt Ion:228 Resp: 17655

Ion Ratio Lower Upper

228 100

226 31.1 23.8 35.8

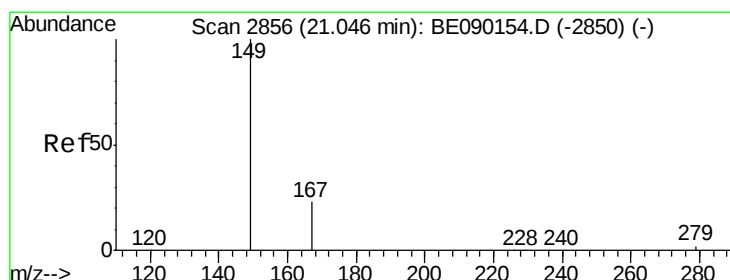
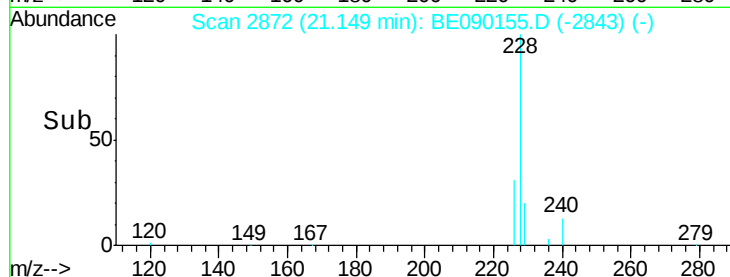
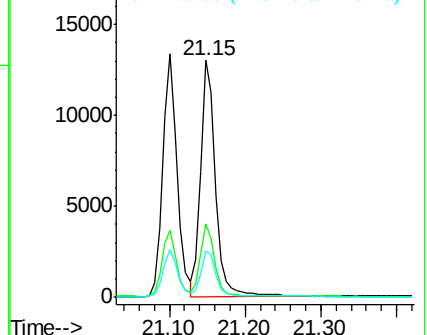
229 19.9 16.5 24.7



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: 1.98 ng

RT: 21.05 min Scan# 2857

Delta R.T. 0.00 min

Lab File: BE090155.D

Acq: 17 Jul 2015 21:01

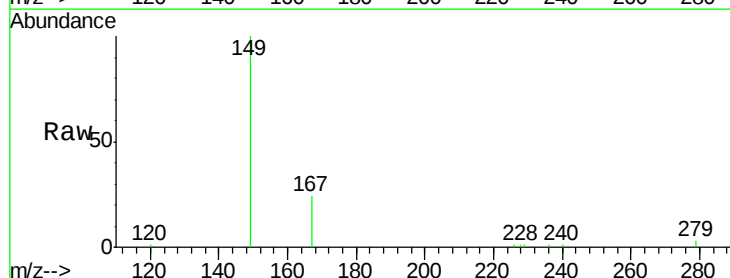
Tgt Ion:149 Resp: 8757

Ion Ratio Lower Upper

149 100

167 23.4 18.6 28.0

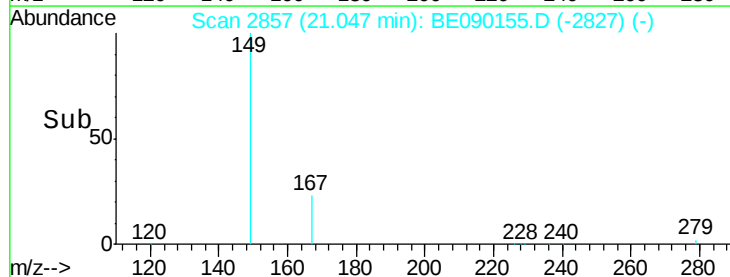
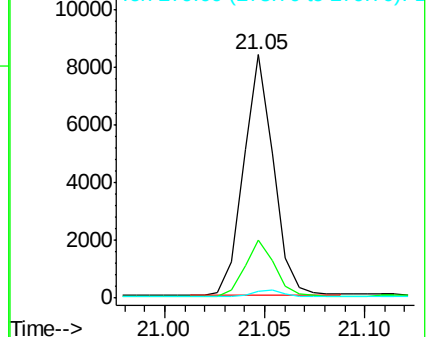
279 2.9 2.2 3.4

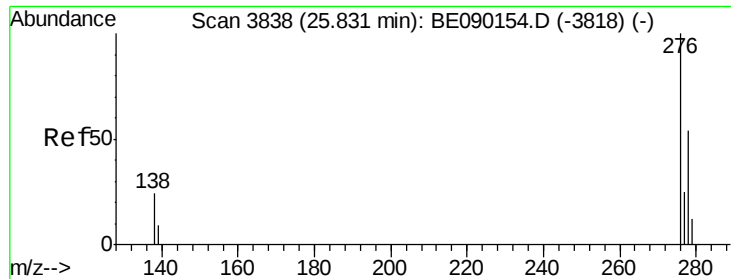


Abundance Ion 149.00 (148.70 to 149.70): E

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: 2.61 ng

RT: 25.82 min Scan# 3836

Delta R.T. -0.01 min

Lab File: BE090155.D

Acq: 17 Jul 2015 21:01

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

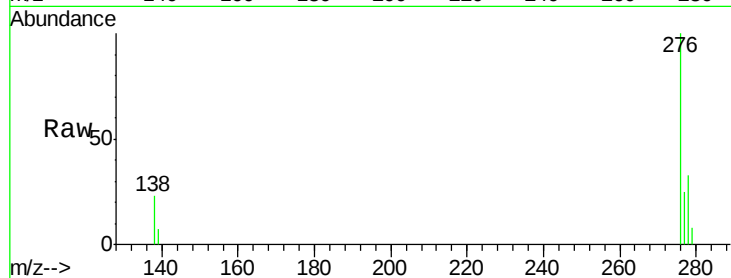
Tgt Ion:276 Resp: 20841

Ion Ratio Lower Upper

276 100

138 24.2 19.5 29.3

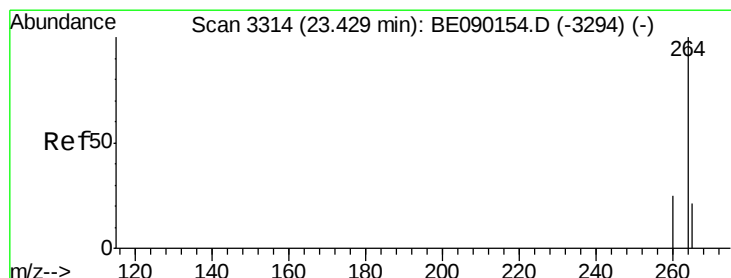
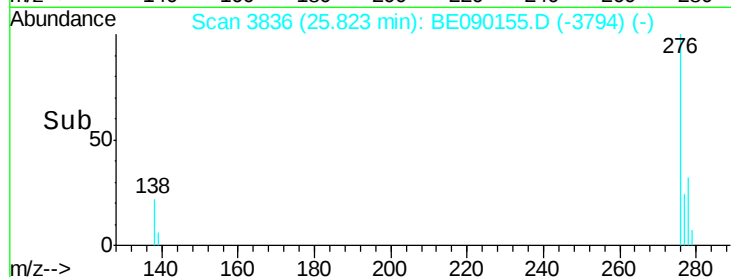
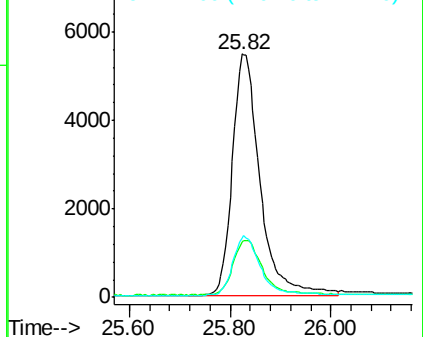
277 24.6 19.8 29.6



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: 23.43 min Scan# 3315

Delta R.T. 0.00 min

Lab File: BE090155.D

Acq: 17 Jul 2015 21:01

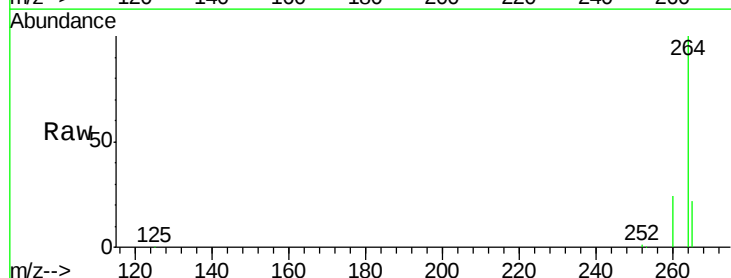
Tgt Ion:264 Resp: 94327

Ion Ratio Lower Upper

264 100

260 24.0 19.8 29.8

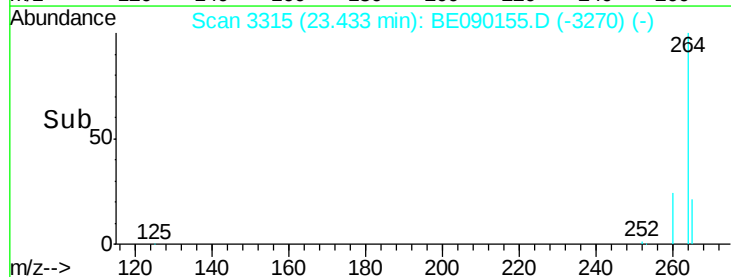
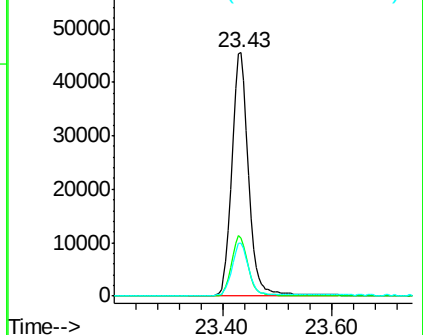
265 21.8 17.4 26.2

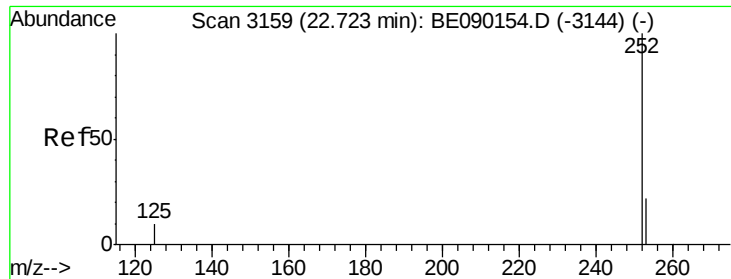


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#33

Benzo(b)fluoranthene

Concen: 1.80 ng

RT: 22.72 min Scan# 3159

Delta R.T. -0.00 min

Lab File: BE090155.D

Acq: 17 Jul 2015 21:01

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

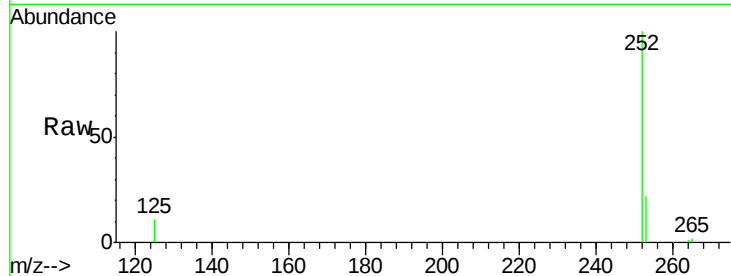
Tgt Ion:252 Resp: 16059

Ion Ratio Lower Upper

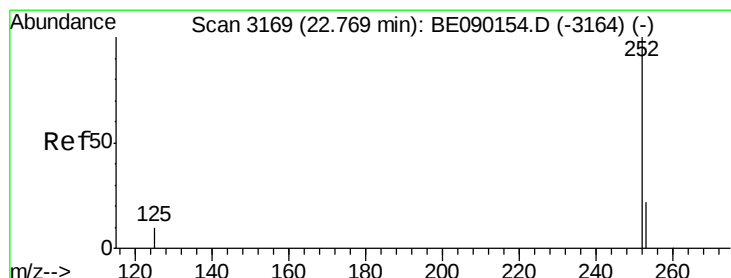
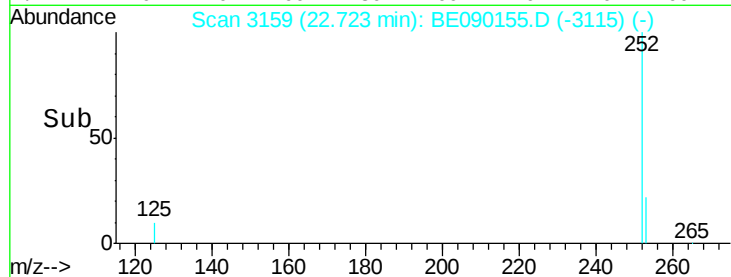
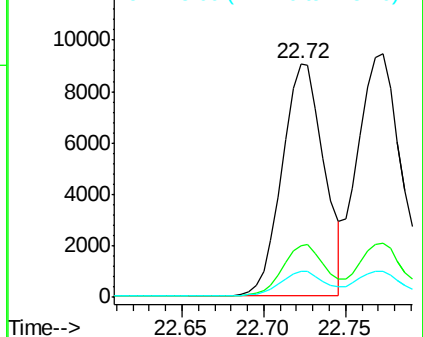
252 100

253 22.4 17.9 26.9

125 11.1 8.7 13.1



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: 0.94 ng

RT: 22.77 min Scan# 3170

Delta R.T. 0.00 min

Lab File: BE090155.D

Acq: 17 Jul 2015 21:01

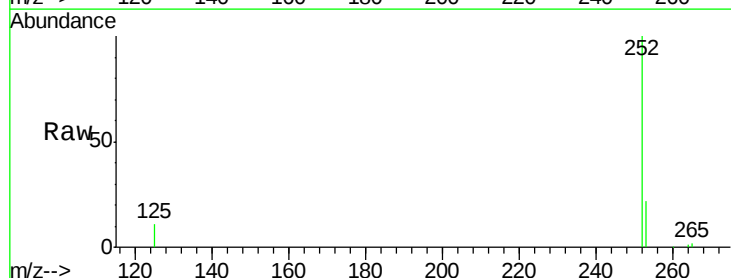
Tgt Ion:252 Resp: 18825

Ion Ratio Lower Upper

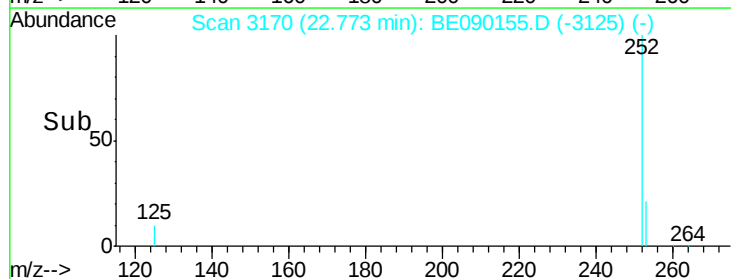
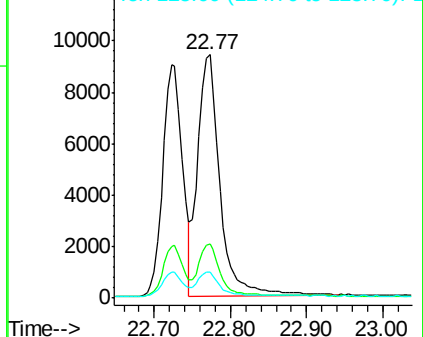
252 100

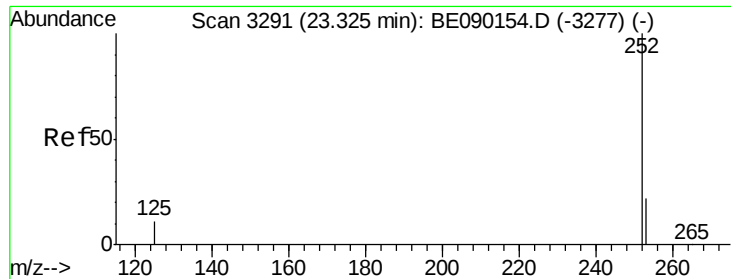
253 22.1 18.1 27.1

125 10.8 8.7 13.1



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: 1.40 ng

RT: 23.32 min Scan# 3291

Delta R.T. -0.00 min

Lab File: BE090155.D

Acq: 17 Jul 2015 21:01

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

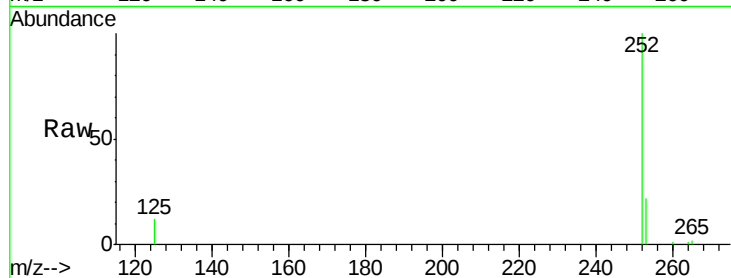
Tgt Ion:252 Resp: 15785

Ion Ratio Lower Upper

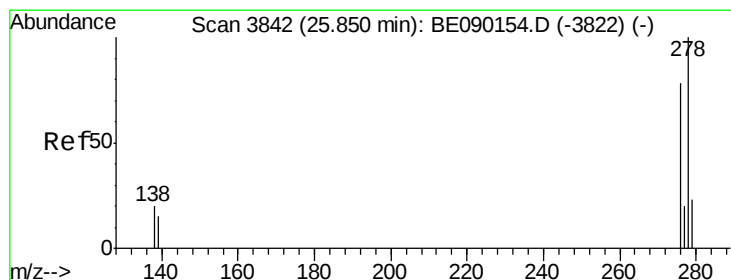
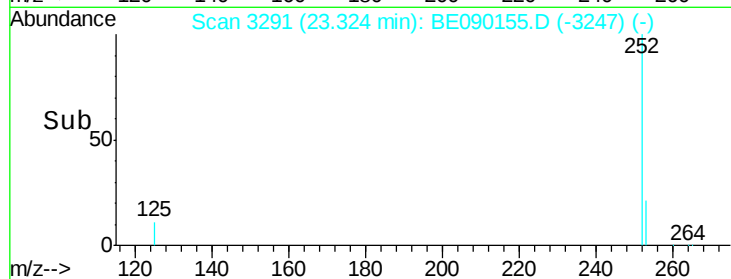
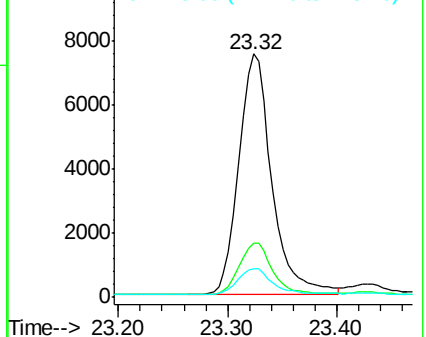
252 100

253 22.2 18.0 27.0

125 11.8 9.4 14.0



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: 2.35 ng

RT: 25.85 min Scan# 3841

Delta R.T. -0.00 min

Lab File: BE090155.D

Acq: 17 Jul 2015 21:01

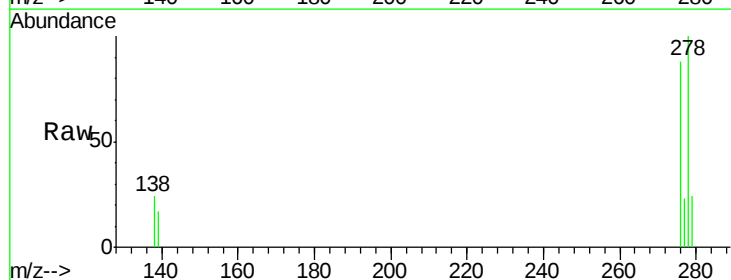
Tgt Ion:278 Resp: 16765

Ion Ratio Lower Upper

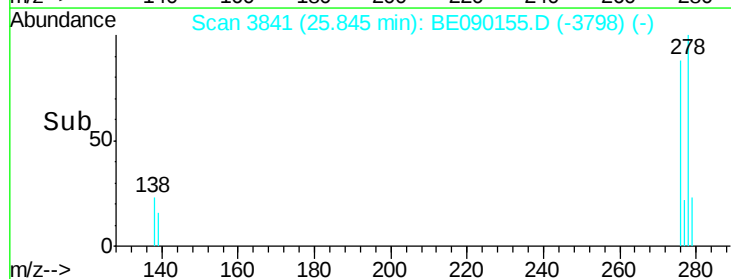
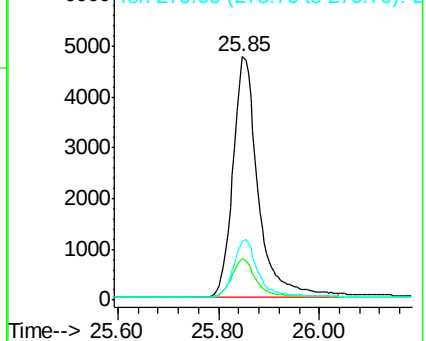
278 100

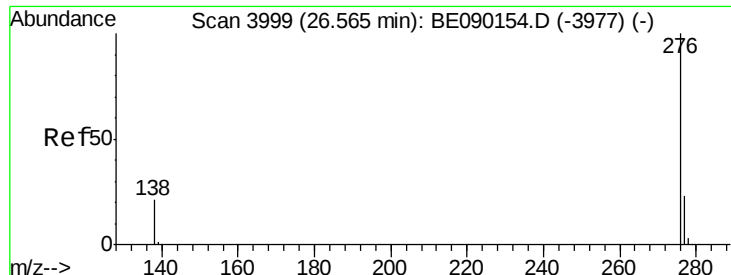
139 17.0 12.9 19.3

279 23.9 19.3 28.9



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: 1.45 ng

RT: 26.57 min Scan# 3999

Delta R.T. 0.00 min

Lab File: BE090155.D

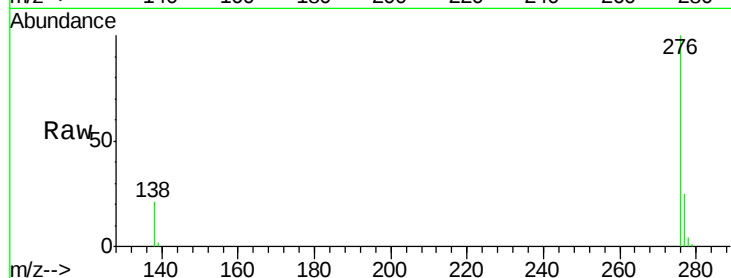
Acq: 17 Jul 2015 21:01

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8



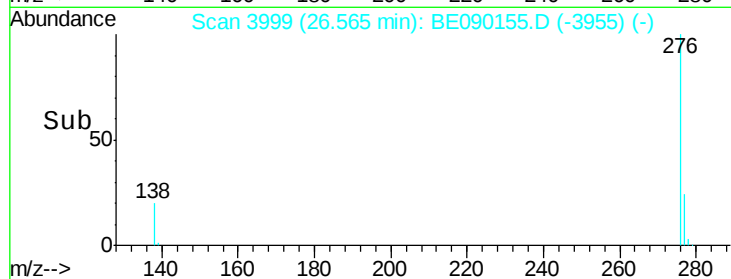
Tgt Ion: 276 Resp: 17294

Ion Ratio Lower Upper

276 100

277 24.7 19.0 28.6

138 20.9 17.2 25.8



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

