

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE051017\
 Data File : BE092970.D
 Acq On : 9 May 2017 19:12
 Operator : SJ/MA
 Sample : SSTDICC0.8
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.8

Quant Time: May 10 02:14:27 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE051017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 10 02:13:43 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	720	0.40	ng	0.00
7) Naphthalene-d8	10.53	136	3048	0.40	ng	0.00
13) Acenaphthene-d10	14.39	164	1578	0.40	ng	0.00
19) Phenanthrene-d10	17.13	188	3959	0.40	ng	0.00
26) Chrysene-d12	21.28	240	4055	0.40	ng	0.00
33) Perylene-d12	23.70	264	3284	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	1649	0.98	ng	0.00
5) Phenol-d6	6.94	99	2102	0.91	ng	0.00
8) Nitrobenzene-d5	8.90	82	1911	0.90	ng	0.00
11) 2-Methylnaphthalene-d10	12.13	152	3544	0.79	ng	0.00
14) 2,4,6-Tribromophenol	15.88	330	322	1.20	ng	0.00
15) 2-Fluorobiphenyl	13.01	172	4931	0.70	ng	0.00
24) Fluoranthene-d10	19.15	212	7951	0.86	ng	0.00
28) Terphenyl-d14	19.74	244	5147	0.74	ng	0.00

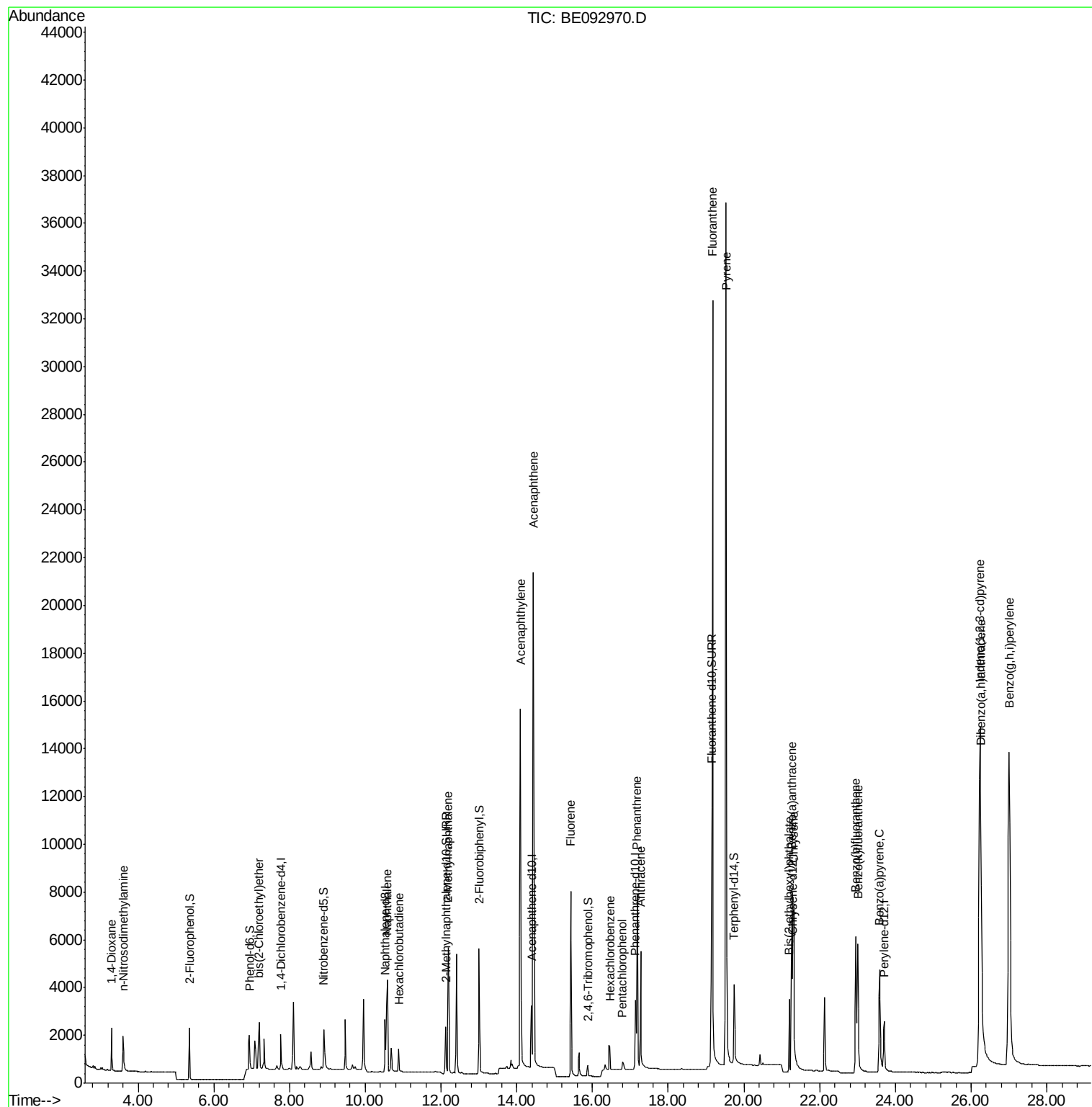
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.31	88	1180	0.85	ng	99
3) n-Nitrosodimethylamine	3.61	42	1046	0.95	ng	99
6) bis(2-Chloroethyl)ether	7.20	93	2021	0.77	ng	# 99
9) Naphthalene	10.58	128	6569	0.80	ng	97
10) Hexachlorobutadiene	10.89	225	944	0.84	ng	99
12) 2-Methylnaphthalene	12.19	142	3875	0.79	ng	100
16) Acenaphthylene	14.10	152	21715	0.86	ng	100
17) Acenaphthene	14.44	154	4082	0.82	ng	99
18) Fluorene	15.42	166	5073	0.83	ng	99
20) Hexachlorobenzene	16.47	284	1403	0.82	ng	# 100
21) Pentachlorophenol	16.79	266	364	1.02	ng	# 79
22) Phenanthrene	17.18	178	9194	0.83	ng	99
23) Anthracene	17.27	178	7213	0.85	ng	99
25) Fluoranthene	19.17	202	43174	0.89	ng	# 100
27) Pyrene	19.53	202	45650	0.87	ng	# 97
29) Benzo(a)anthracene	21.27	228	8007	0.84	ng	98
30) Chrysene	21.32	228	10608	0.87	ng	98
31) Bis(2-ethylhexyl)phthalate	21.20	149	2933	1.04	ng	99
32) Indeno(1,2,3-cd)pyrene	26.24	276	34890	0.79	ng	98
34) Benzo(b)fluoranthene	22.95	252	8112	0.76	ng	96
35) Benzo(k)fluoranthene	23.01	252	9047	0.83	ng	97
36) Benzo(a)pyrene	23.59	252	7798	0.87	ng	96
37) Dibenzo(a,h)anthracene	26.25	278	7319	0.74	ng	94
38) Benzo(g,h,i)perylene	27.00	276	32010	0.76	ng	97

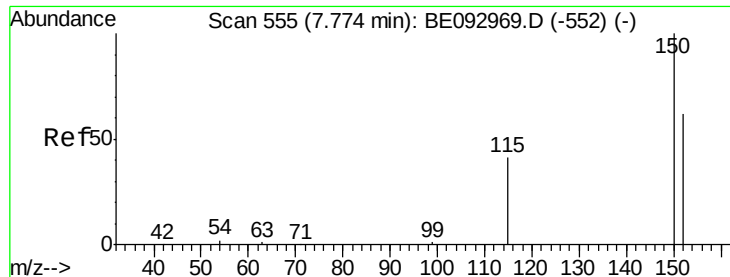
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.40 ng

RT: 7.77 min Scan# 555

Delta R.T. -0.00 min

Lab File: BE092970.D

Acq: 9 May 2017 19:12

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

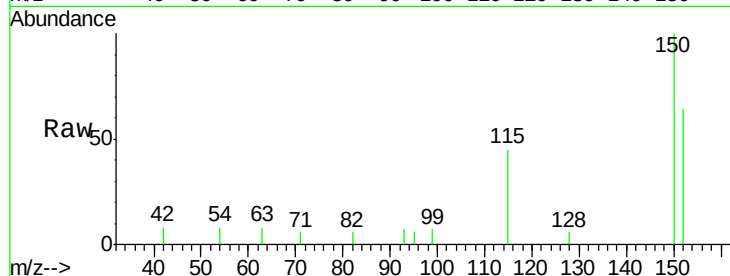
Tgt Ion:152 Resp: 720

Ion Ratio Lower Upper

152 100

150 157.4 125.1 187.7

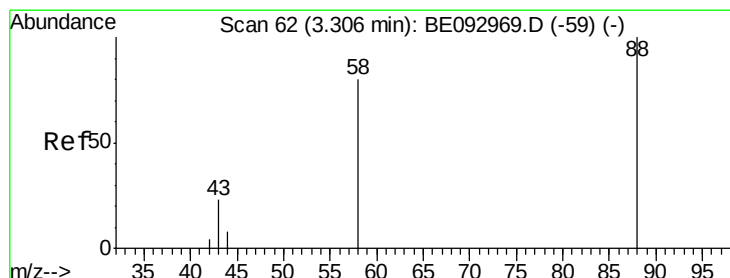
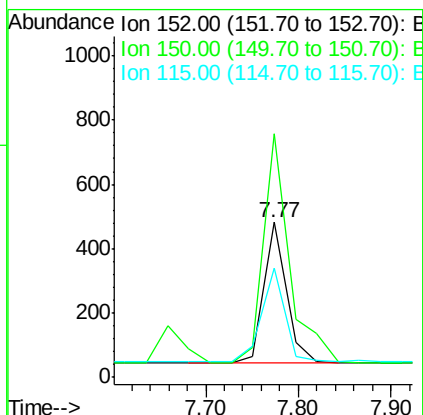
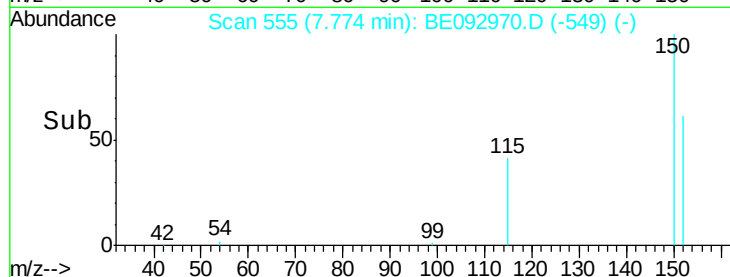
115 70.3 55.7 83.5



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: 0.85 ng

RT: 3.31 min Scan# 62

Delta R.T. 0.00 min

Lab File: BE092970.D

Acq: 9 May 2017 19:12

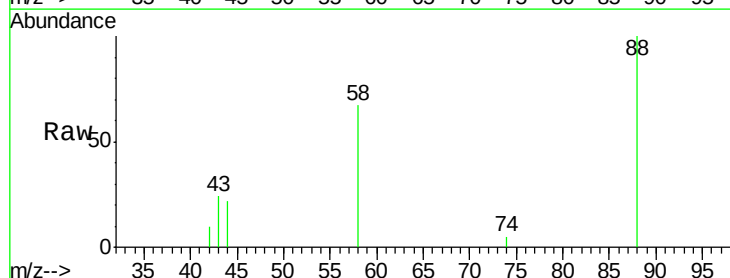
Tgt Ion: 88 Resp: 1180

Ion Ratio Lower Upper

88 100

58 77.4 62.2 93.4

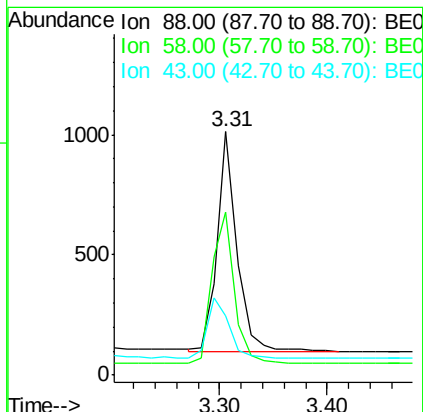
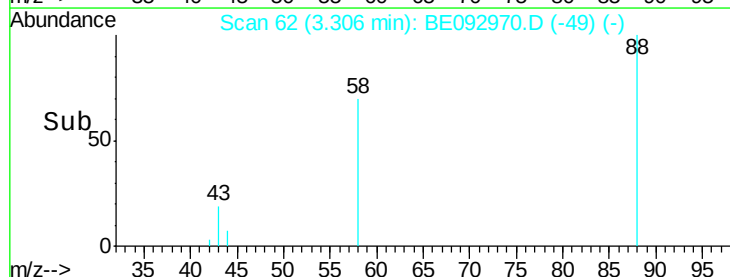
43 29.5 23.2 34.8

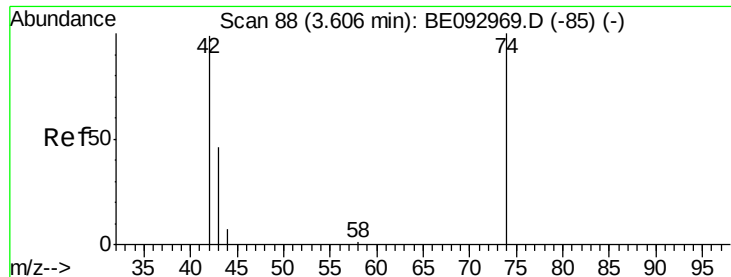


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.95 ng

RT: 3.61 min Scan# 88

Delta R.T. 0.00 min

Lab File: BE092970.D

Acq: 9 May 2017 19:12

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

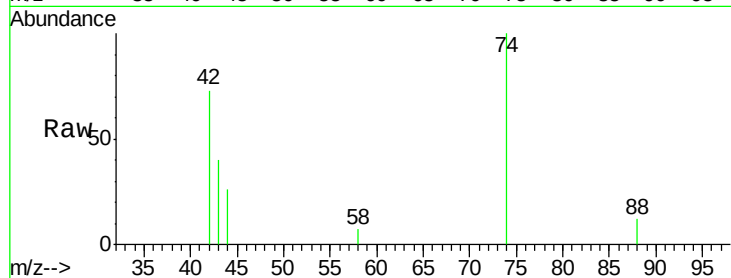
Tgt Ion: 42 Resp: 1046

Ion Ratio Lower Upper

42 100

74 122.9 99.1 148.7

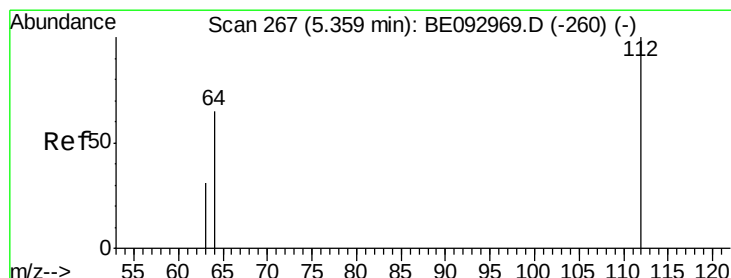
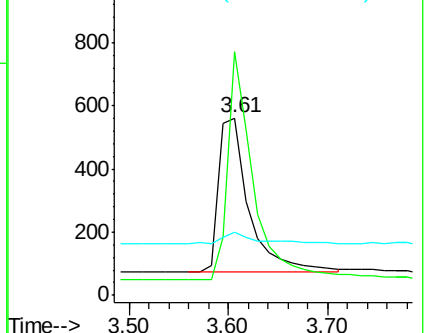
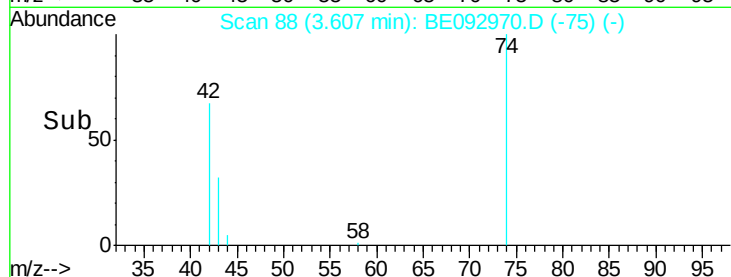
44 8.6 7.4 11.2



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: 0.98 ng

RT: 5.36 min Scan# 267

Delta R.T. -0.00 min

Lab File: BE092970.D

Acq: 9 May 2017 19:12

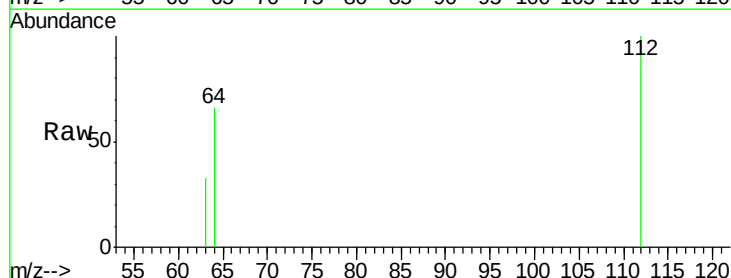
Tgt Ion: 112 Resp: 1649

Ion Ratio Lower Upper

112 100

64 70.7 56.4 84.6

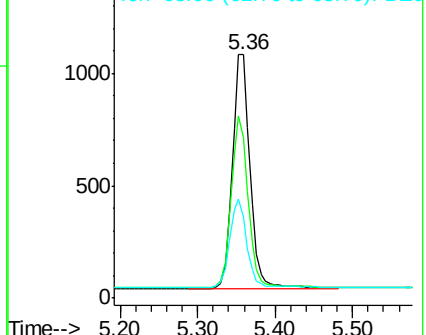
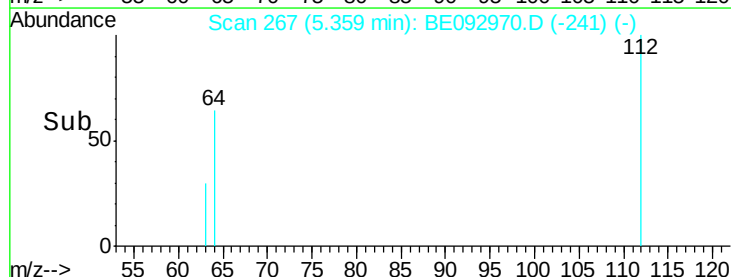
63 36.3 29.3 43.9

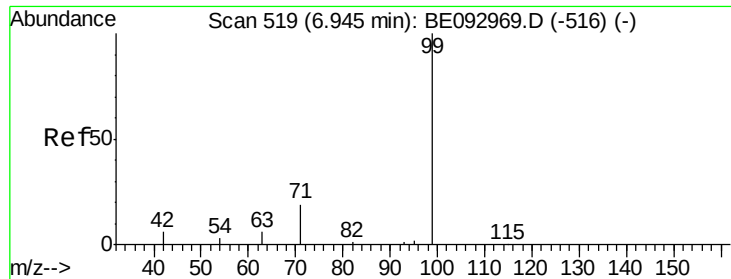


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.91 ng

RT: 6.94 min Scan# 519

Delta R.T. -0.00 min

Lab File: BE092970.D

Acq: 9 May 2017 19:12

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

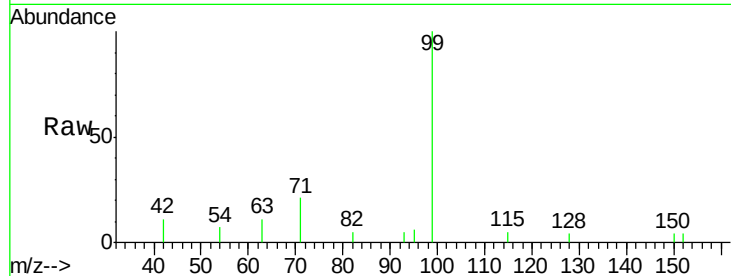
Tgt Ion: 99 Resp: 2102

Ion Ratio Lower Upper

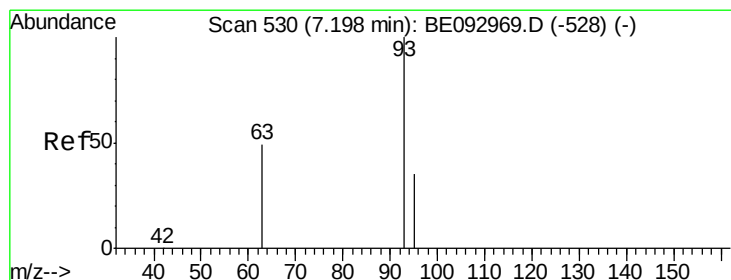
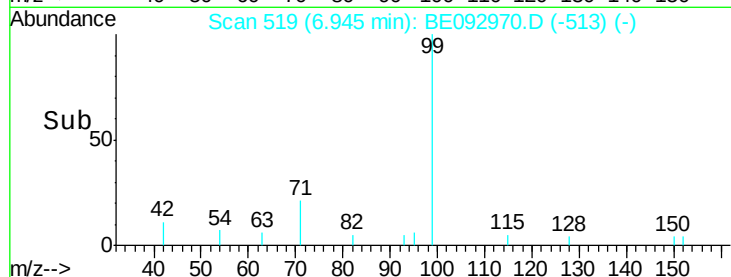
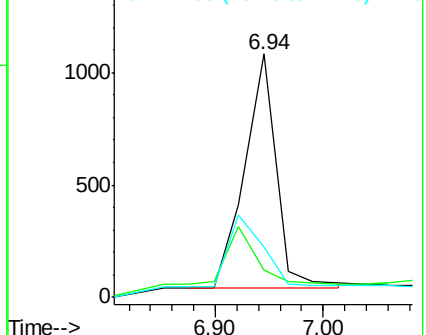
99 100

42 0.0 0.0 0.0

71 0.0 0.0 0.0



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

bis(2-Chloroethyl)ether

Concen: 0.77 ng

RT: 7.20 min Scan# 530

Delta R.T. -0.00 min

Lab File: BE092970.D

Acq: 9 May 2017 19:12

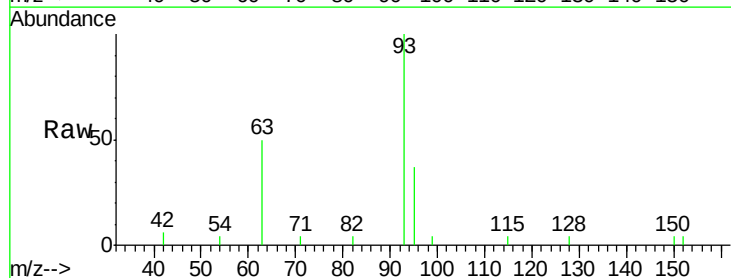
Tgt Ion: 93 Resp: 2021

Ion Ratio Lower Upper

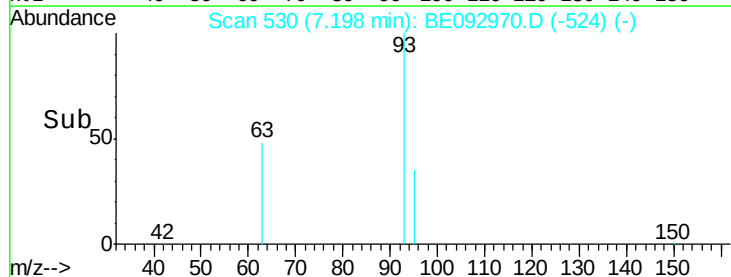
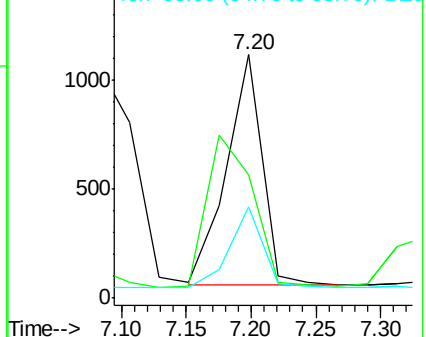
93 100

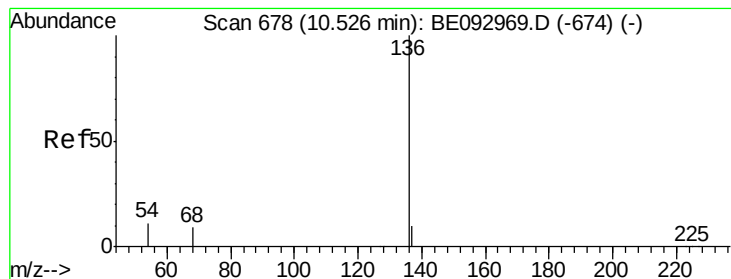
63 0.0 0.0 0.0

95 32.2 25.4 38.0



Abundance Ion 93.00 (92.70 to 93.70): BE0
Ion 63.00 (62.70 to 63.70): BE0
Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.40 ng

RT: 10.53 min Scan# 678

Delta R.T. -0.00 min

Lab File: BE092970.D

Acq: 9 May 2017 19:12

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

Tgt Ion:136 Resp: 3048

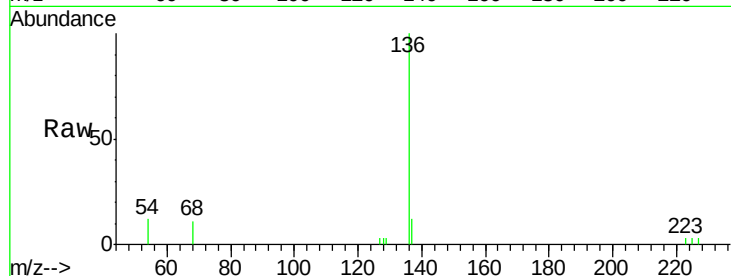
Ion Ratio Lower Upper

136 100

137 12.4 9.8 14.8

54 12.5 10.3 15.5

68 10.8 9.0 13.4

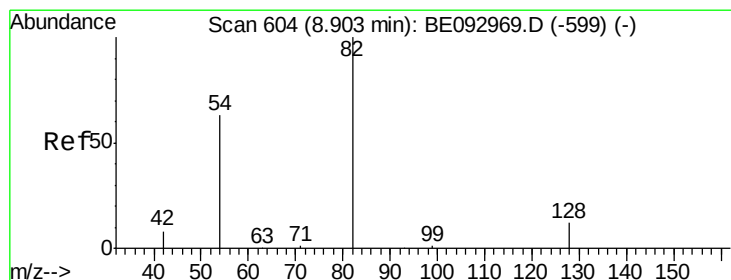
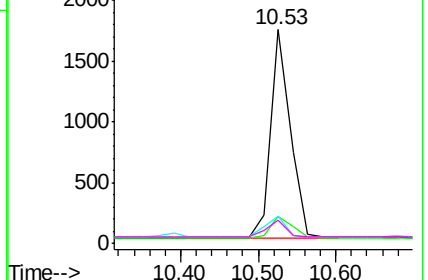
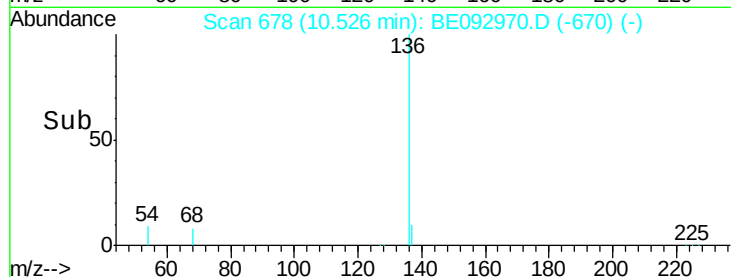


Abundance Ion 136.00 (135.70 to 136.70): E

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



#8

Nitrobenzene-d5

Concen: 0.90 ng

RT: 8.90 min Scan# 604

Delta R.T. -0.00 min

Lab File: BE092970.D

Acq: 9 May 2017 19:12

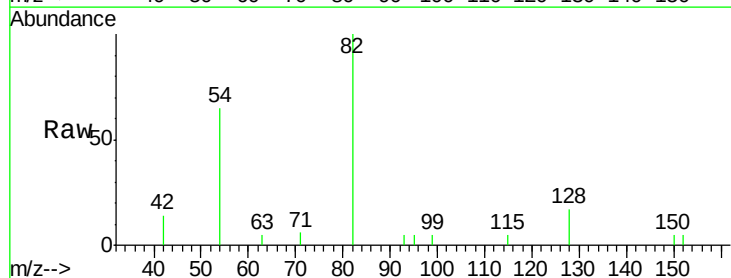
Tgt Ion: 82 Resp: 1911

Ion Ratio Lower Upper

82 100

128 16.9 17.0 25.4#

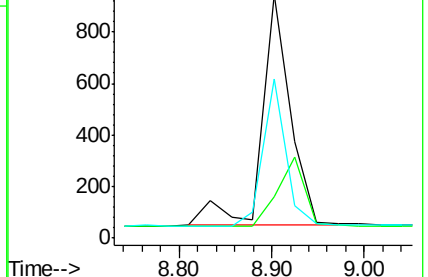
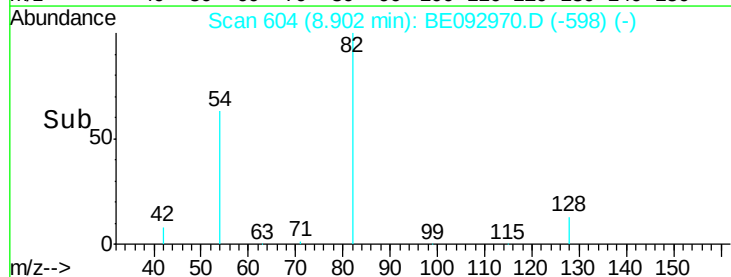
54 65.1 53.8 80.6

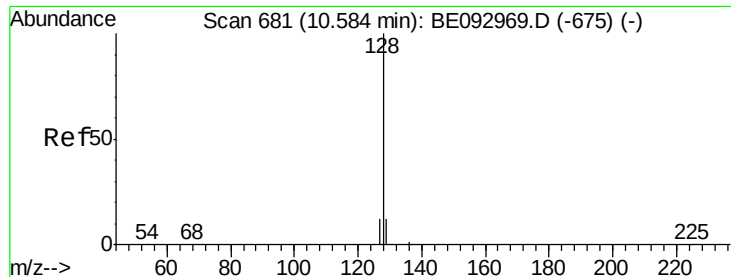


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.80 ng

RT: 10.58 min Scan# 681

Delta R.T. -0.00 min

Lab File: BE092970.D

Acq: 9 May 2017 19:12

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

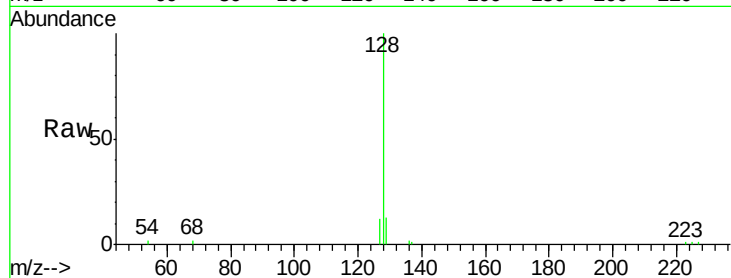
Tgt Ion:128 Resp: 6569

Ion Ratio Lower Upper

128 100

129 13.3 11.4 17.0

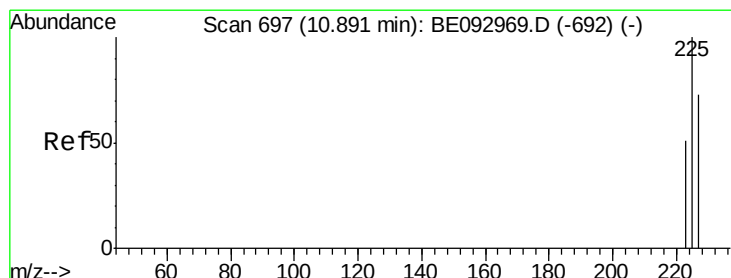
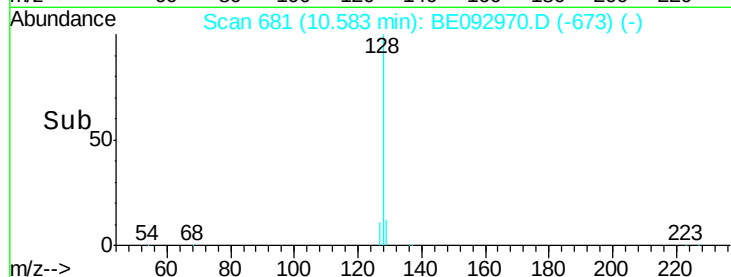
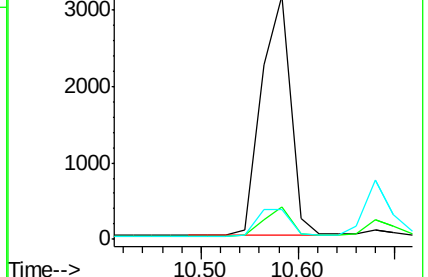
127 12.4 11.2 16.8



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: 0.84 ng

RT: 10.89 min Scan# 697

Delta R.T. -0.00 min

Lab File: BE092970.D

Acq: 9 May 2017 19:12

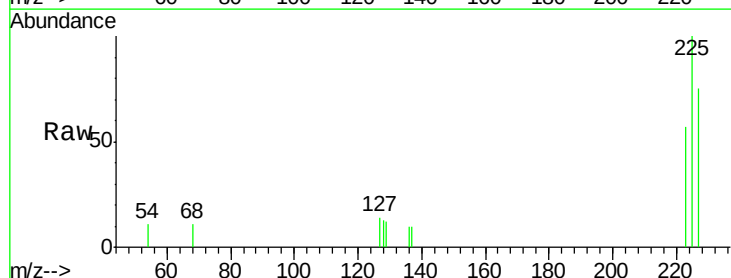
Tgt Ion:225 Resp: 944

Ion Ratio Lower Upper

225 100

223 62.9 49.7 74.5

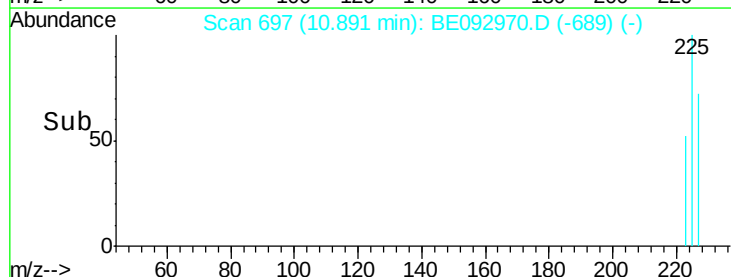
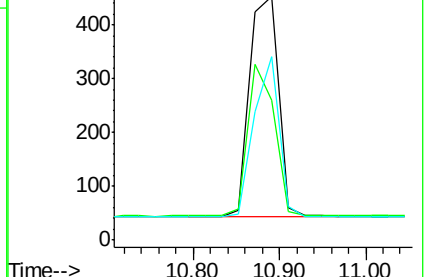
227 62.4 50.3 75.5

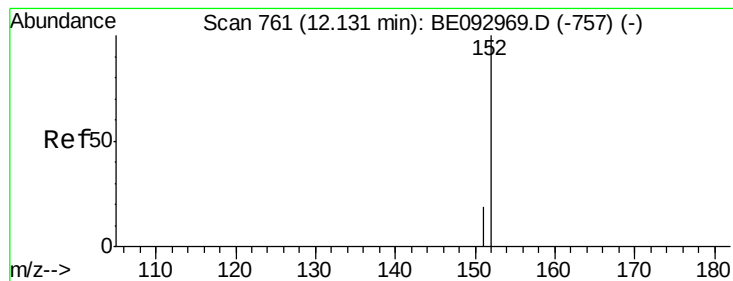


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.79 ng

RT: 12.13 min Scan# 761

Delta R.T. -0.00 min

Lab File: BE092970.D

Acq: 9 May 2017 19:12

Instrument :

BNA_E

ClientSampleId :

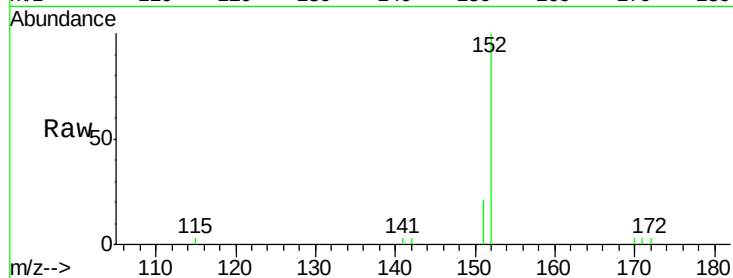
SSTDIC0.8

Tgt Ion:152 Resp: 3544

Ion Ratio Lower Upper

152 100

151 18.9 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.13

1500

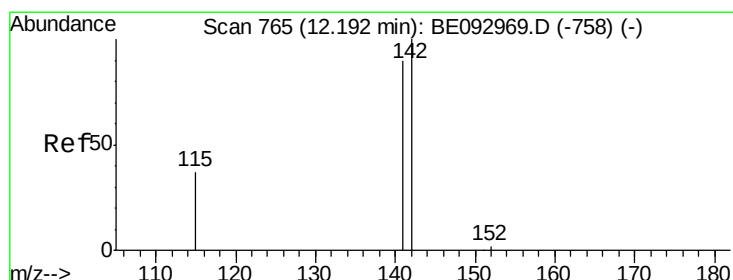
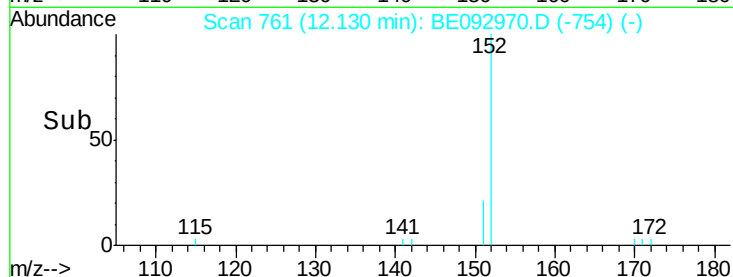
1000

500

0

Time-->

12.00 12.10 12.20



#12

2-Methylnaphthalene

Concen: 0.79 ng

RT: 12.19 min Scan# 765

Delta R.T. -0.00 min

Lab File: BE092970.D

Acq: 9 May 2017 19:12

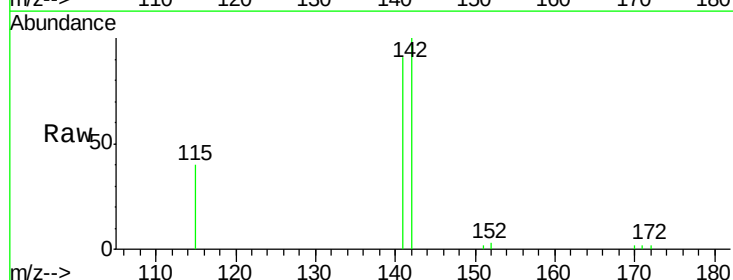
Tgt Ion:142 Resp: 3875

Ion Ratio Lower Upper

142 100

141 90.7 72.6 108.8

115 39.7 32.2 48.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

12.19

3000

2500

2000

1500

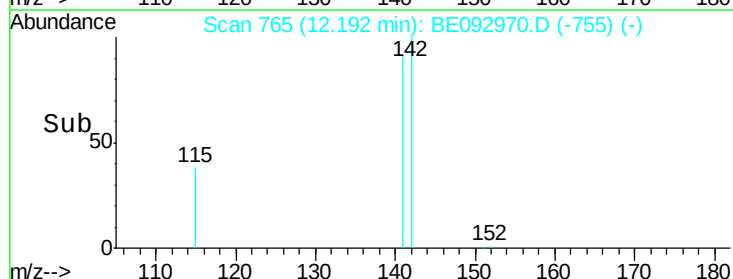
1000

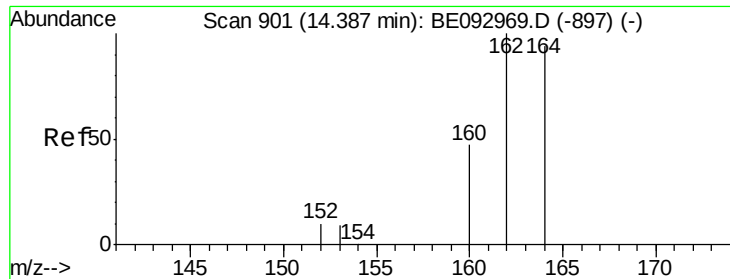
500

0

Time-->

12.10 12.20 12.30





#13

Acenaphthene-d10

Concen: 0.40 ng

RT: 14.39 min Scan# 901

Delta R.T. 0.00 min

Lab File: BE092970.D

Acq: 9 May 2017 19:12

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

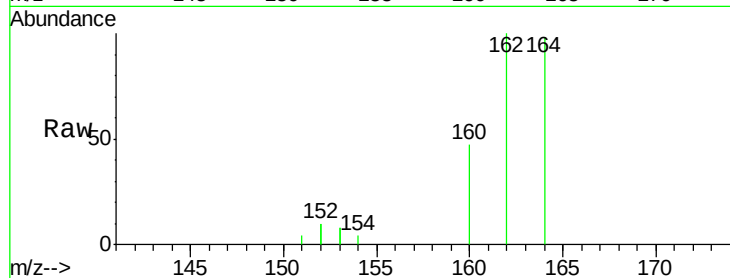
Tgt Ion:164 Resp: 1578

Ion Ratio Lower Upper

164 100

162 102.0 84.6 127.0

160 47.7 41.8 62.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

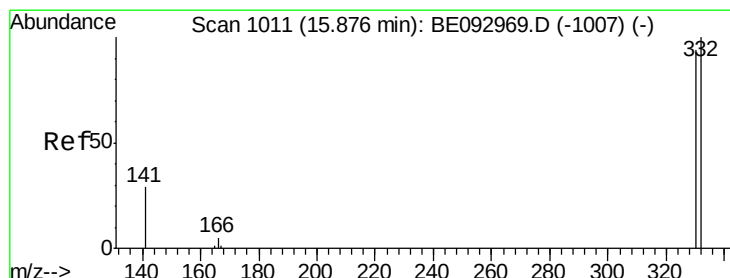
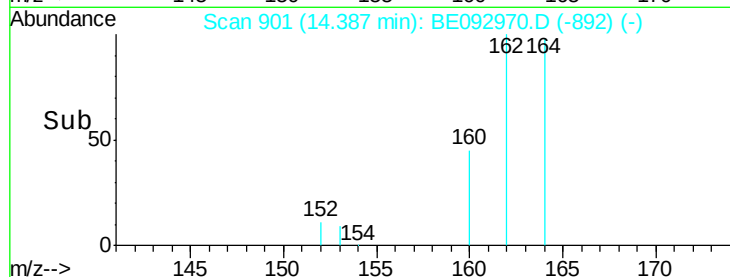
14.39

1000

500

0

Time-->



#14

2,4,6-Tribromophenol

Concen: 1.20 ng

RT: 15.88 min Scan# 1010

Delta R.T. -0.00 min

Lab File: BE092970.D

Acq: 9 May 2017 19:12

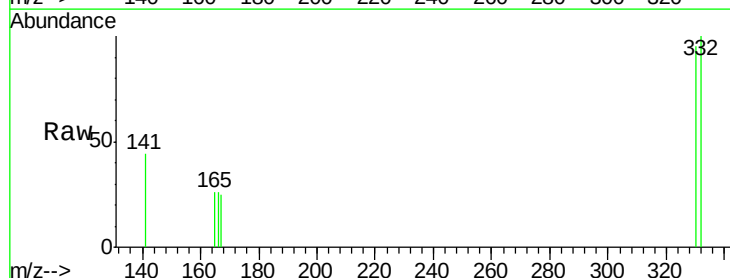
Tgt Ion:330 Resp: 322

Ion Ratio Lower Upper

330 100

332 97.2 77.7 116.5

141 55.0 56.2 84.4#



Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

15.88

300

250

200

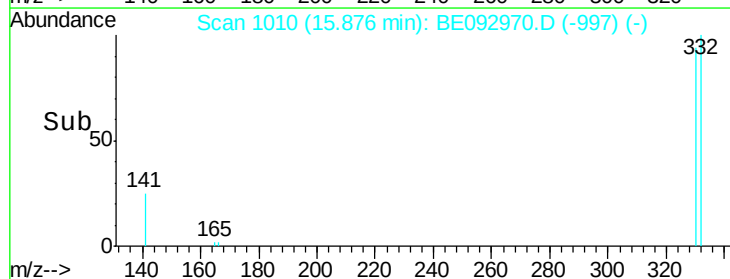
150

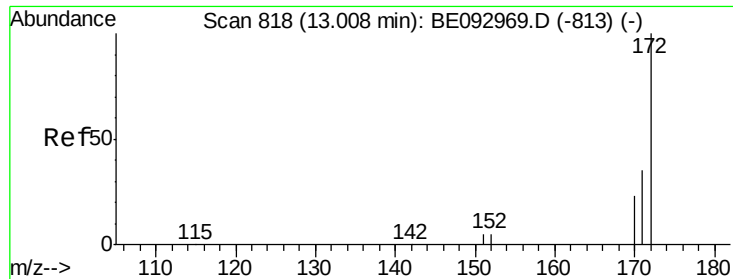
100

50

0

Time-->

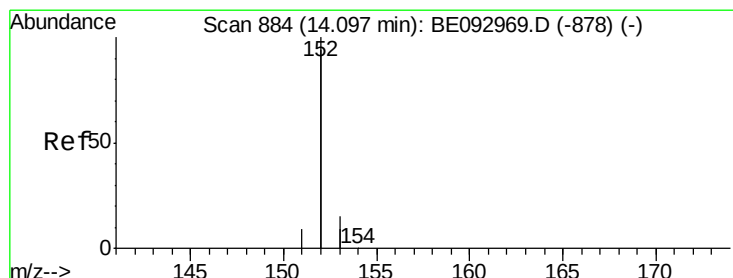
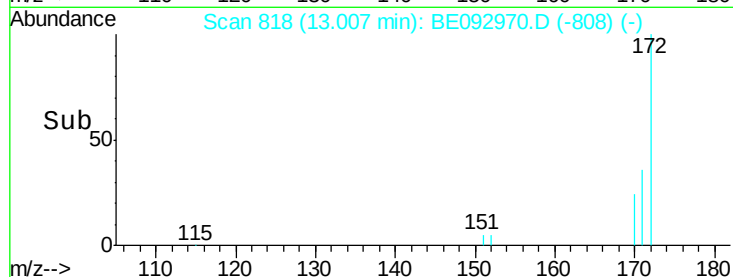
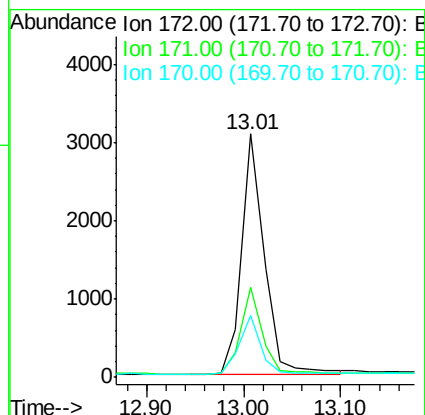
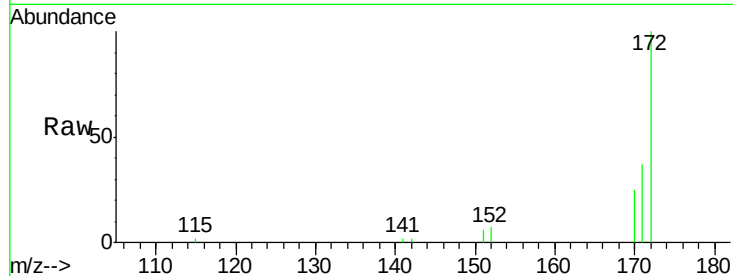




#15
2-Fluorobiphenyl
Concen: 0.70 ng
RT: 13.01 min Scan# 818
Delta R.T. -0.00 min
Lab File: BE092970.D
Acq: 9 May 2017 19:12

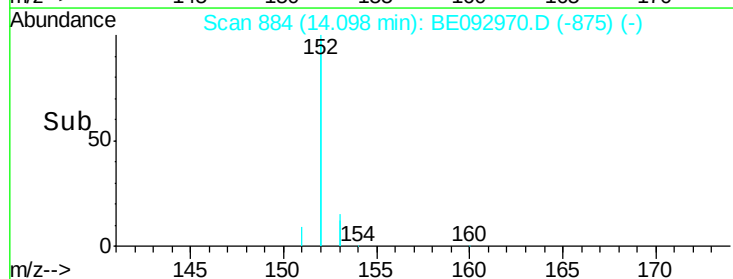
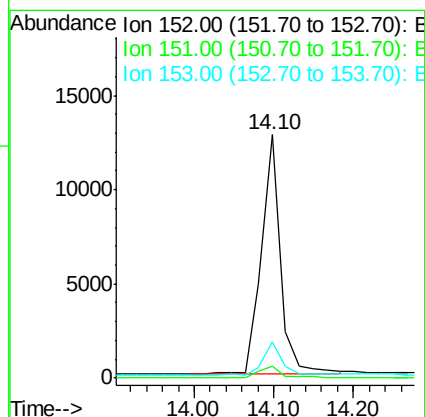
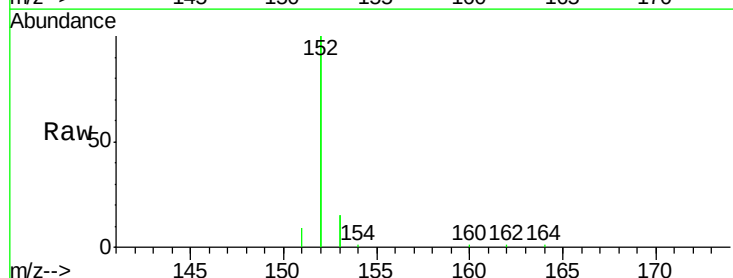
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.8

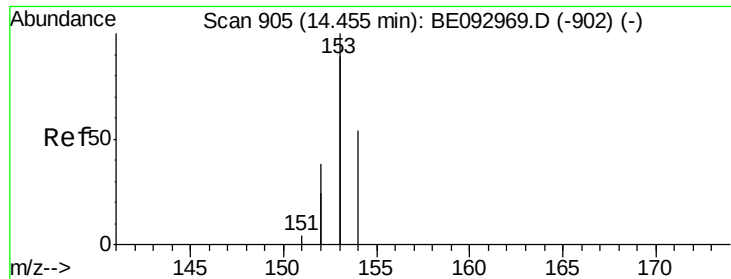
Tgt Ion:172 Resp: 4931
Ion Ratio Lower Upper
172 100
171 37.2 29.8 44.6
170 25.2 20.7 31.1



#16
Acenaphthylene
Concen: 0.86 ng
RT: 14.10 min Scan# 884
Delta R.T. 0.00 min
Lab File: BE092970.D
Acq: 9 May 2017 19:12

Tgt Ion:152 Resp: 21715
Ion Ratio Lower Upper
152 100
151 4.9 4.0 6.0
153 13.0 10.3 15.5

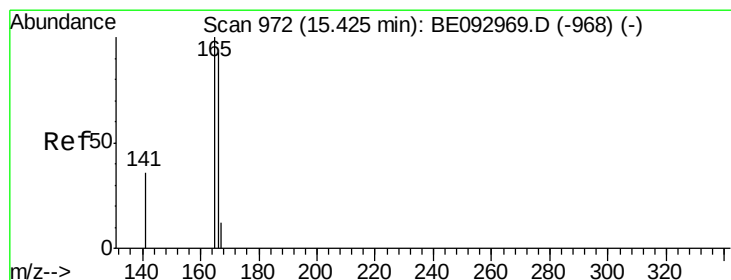
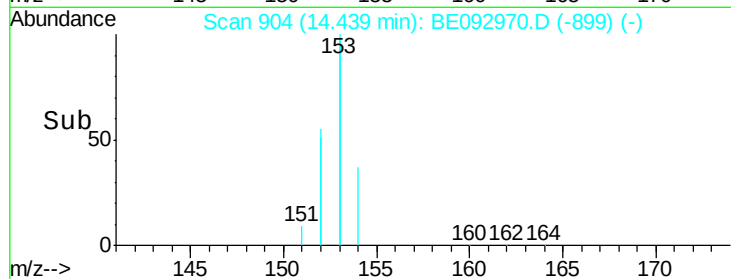
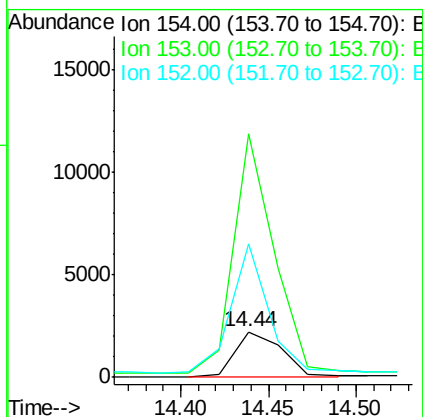
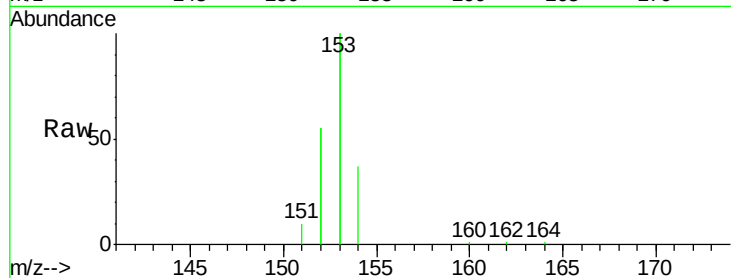




#17
Acenaphthene
Concen: 0.82 ng
RT: 14.44 min Scan# 904
Delta R.T. -0.02 min
Lab File: BE092970.D
Acq: 9 May 2017 19:12

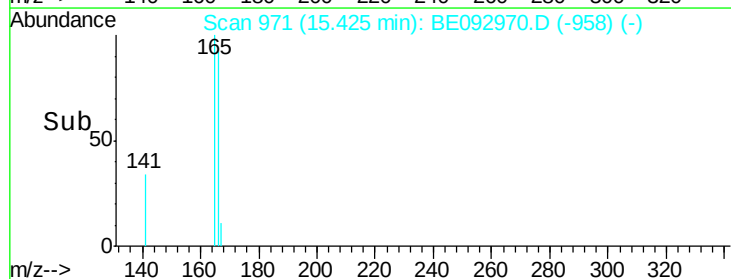
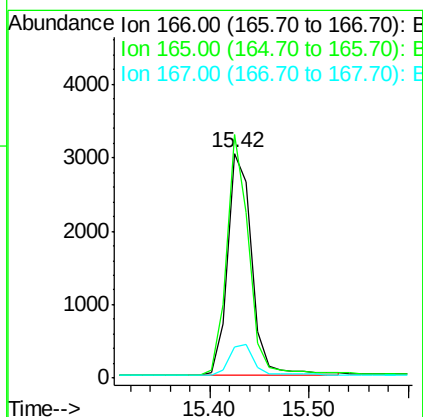
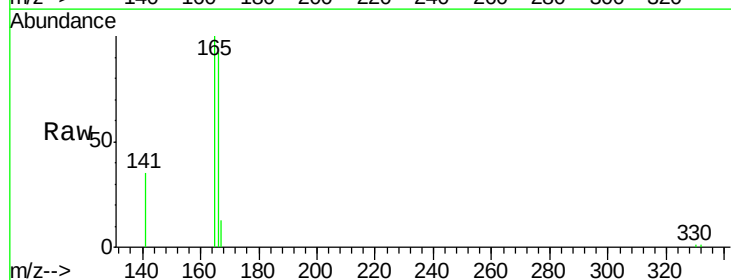
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.8

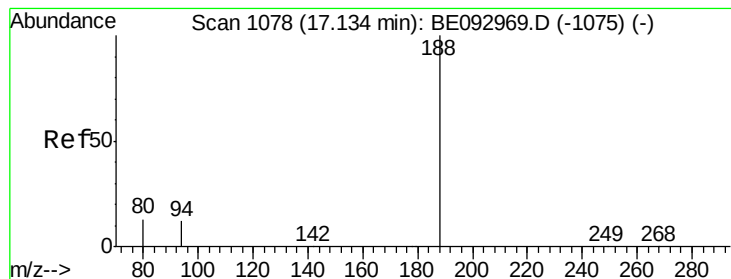
Tgt Ion:154 Resp: 4082
Ion Ratio Lower Upper
154 100
153 461.0 367.8 551.6
152 231.4 188.2 282.2



#18
Fluorene
Concen: 0.83 ng
RT: 15.42 min Scan# 971
Delta R.T. -0.00 min
Lab File: BE092970.D
Acq: 9 May 2017 19:12

Tgt Ion:166 Resp: 5073
Ion Ratio Lower Upper
166 100
165 99.0 78.6 117.8
167 14.0 11.1 16.7





#19

Phenanthrene-d10

Concen: 0.40 ng

RT: 17.13 min Scan# 1077

Delta R.T. -0.00 min

Lab File: BE092970.D

Acq: 9 May 2017 19:12

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

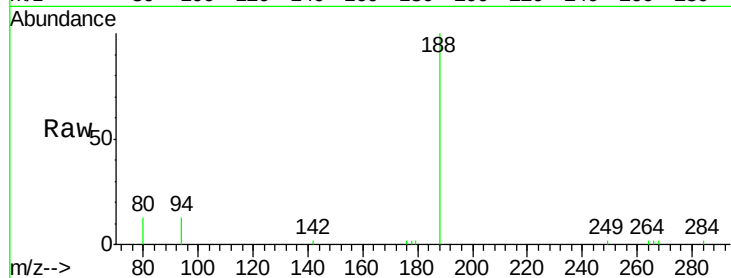
Tgt Ion:188 Resp: 3959

Ion Ratio Lower Upper

188 100

94 13.0 11.3 16.9

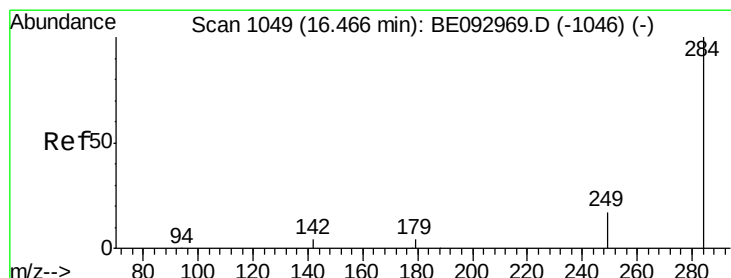
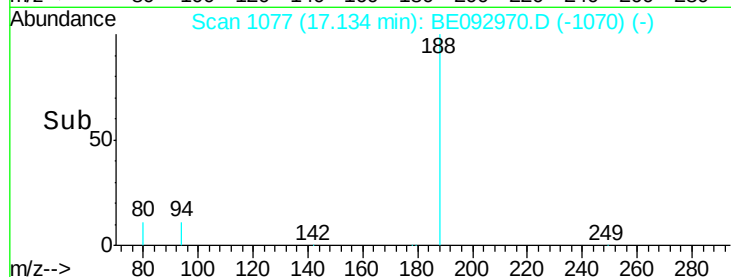
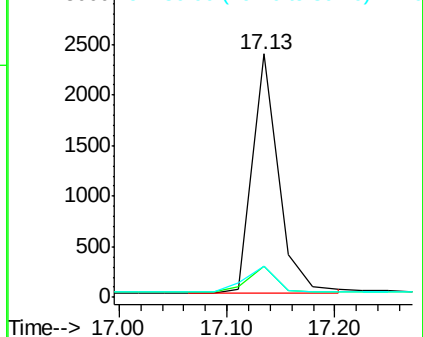
80 12.9 11.7 17.5



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



#20

Hexachlorobenzene

Concen: 0.82 ng

RT: 16.47 min Scan# 1048

Delta R.T. -0.00 min

Lab File: BE092970.D

Acq: 9 May 2017 19:12

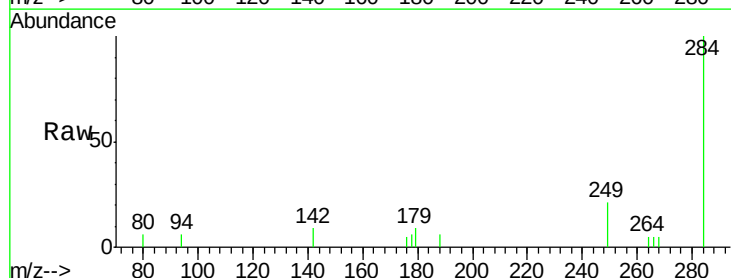
Tgt Ion:284 Resp: 1403

Ion Ratio Lower Upper

284 100

142 0.0 0.0 0.0

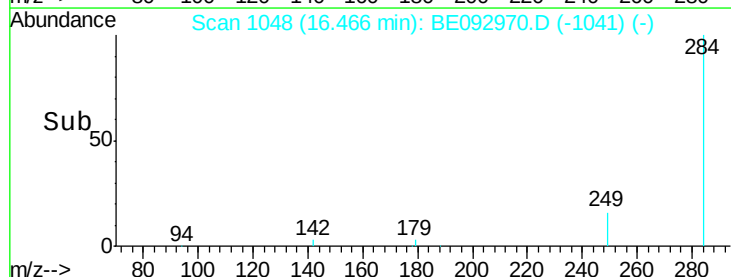
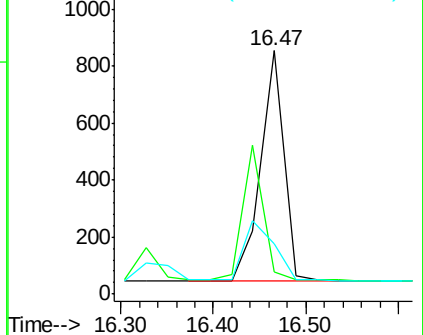
249 0.0 0.0 0.0

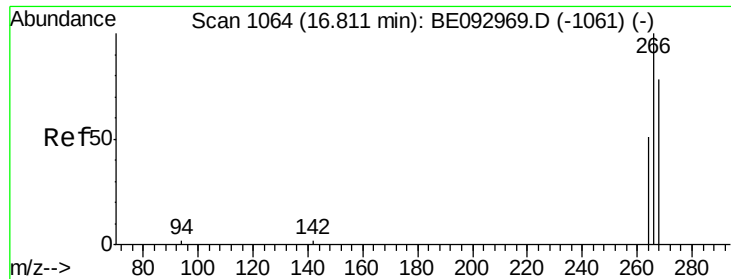


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

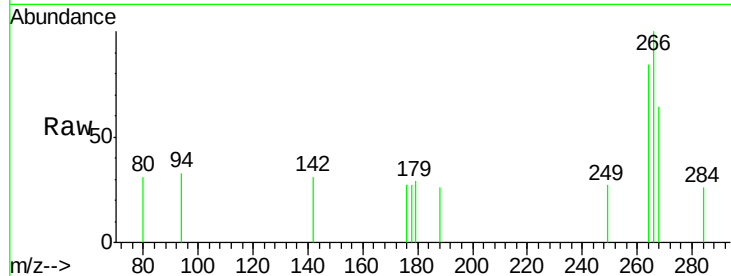




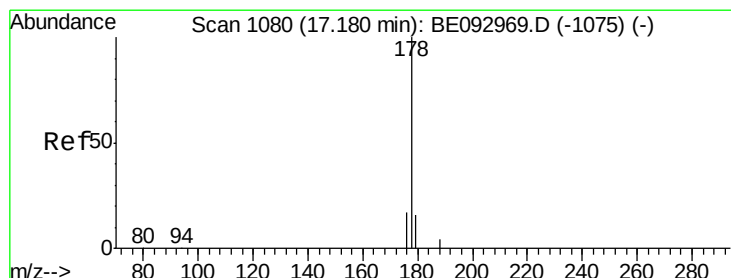
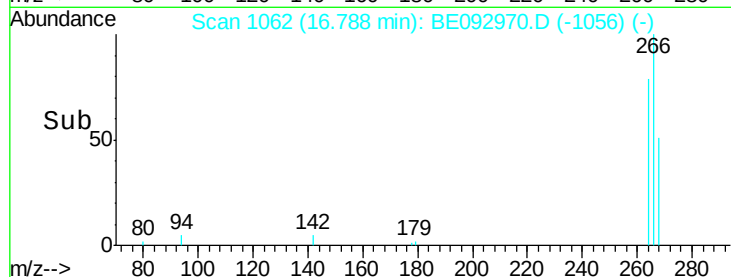
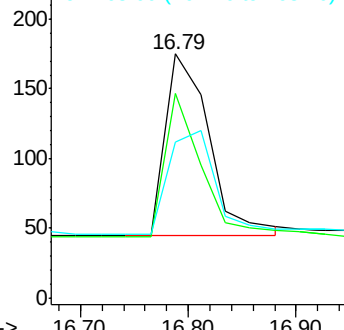
#21
 Pentachlorophenol
 Concen: 1.02 ng
 RT: 16.79 min Scan# 1062
 Delta R.T. -0.02 min
 Lab File: BE092970.D
 Acq: 9 May 2017 19:12

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.8

Tgt Ion: 266 Resp: 364
 Ion Ratio Lower Upper
 266 100
 264 84.0 58.2 87.2
 268 64.0 71.9 107.9#

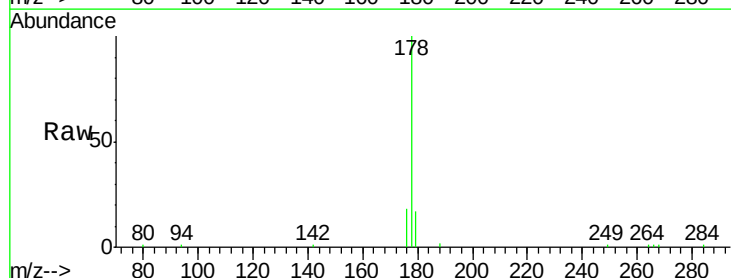


Abundance Ion 266.00 (265.70 to 266.70): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

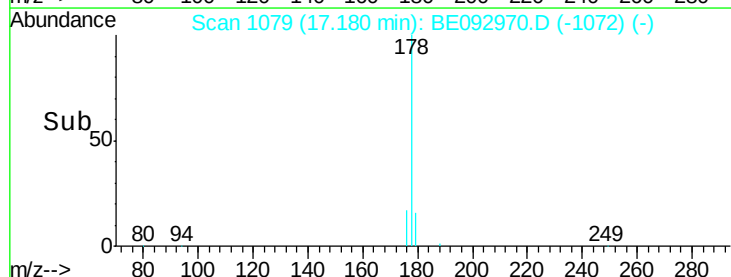
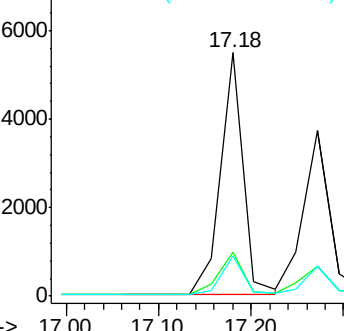


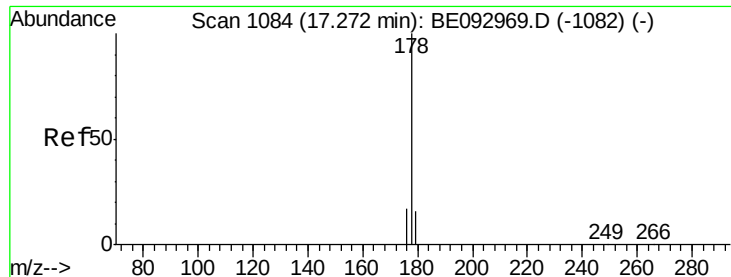
#22
 Phenanthrene
 Concen: 0.83 ng
 RT: 17.18 min Scan# 1079
 Delta R.T. -0.00 min
 Lab File: BE092970.D
 Acq: 9 May 2017 19:12

Tgt Ion: 178 Resp: 9194
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.0 22.4
 179 15.4 12.7 19.1



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





#23

Anthracene

Concen: 0.85 ng

RT: 17.27 min Scan# 1083

Delta R.T. -0.00 min

Lab File: BE092970.D

Acq: 9 May 2017 19:12

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

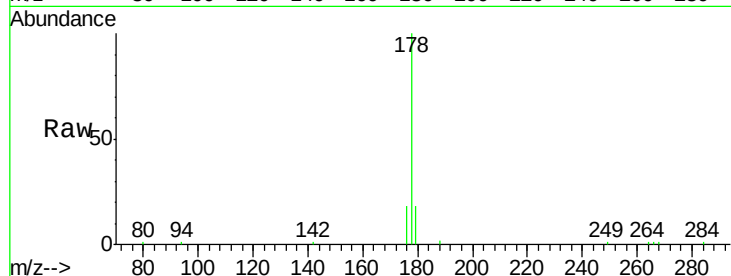
Tgt Ion:178 Resp: 7213

Ion Ratio Lower Upper

178 100

176 18.4 14.6 22.0

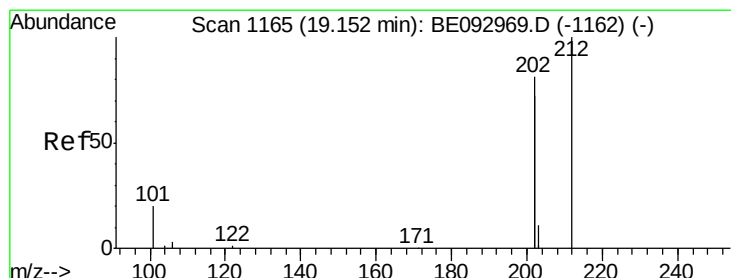
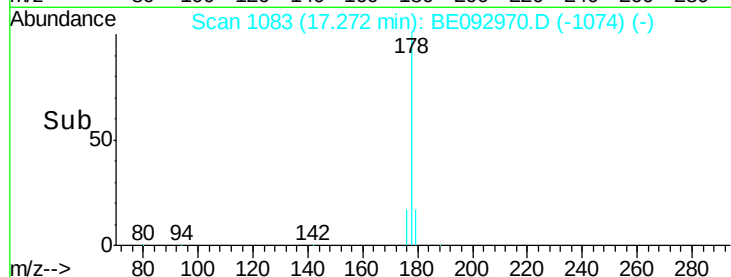
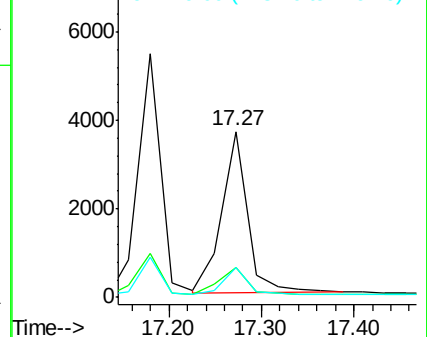
179 15.6 12.0 18.0



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



#24

Fluoranthene-d10

Concen: 0.86 ng

RT: 19.15 min Scan# 1164

Delta R.T. -0.00 min

Lab File: BE092970.D

Acq: 9 May 2017 19:12

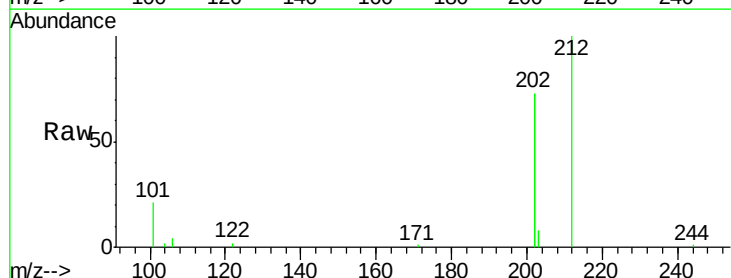
Tgt Ion:212 Resp: 7951

Ion Ratio Lower Upper

212 100

106 0.0 0.0 0.0

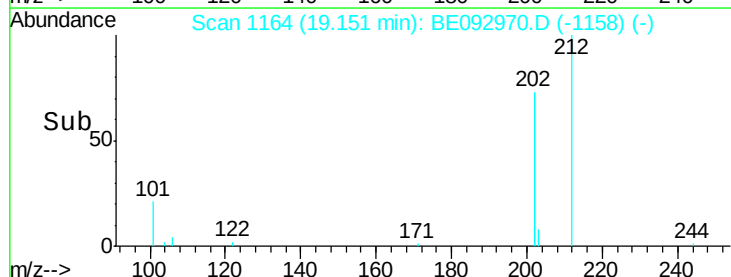
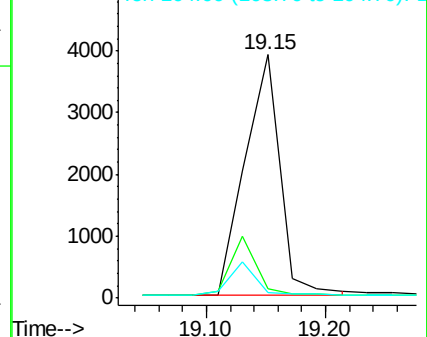
104 0.0 0.0 0.0

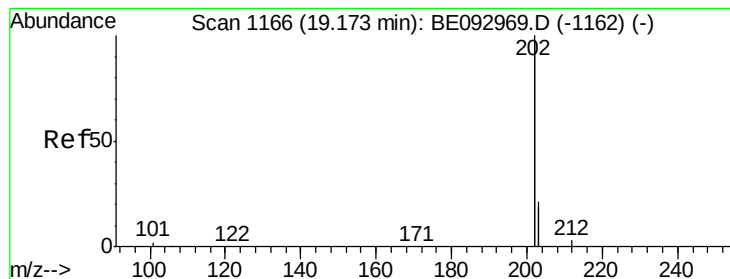


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E





#25

Fluoranthene

Concen: 0.89 ng

RT: 19.17 min Scan# 1165

Delta R.T. -0.00 min

Lab File: BE092970.D

Acq: 9 May 2017 19:12

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

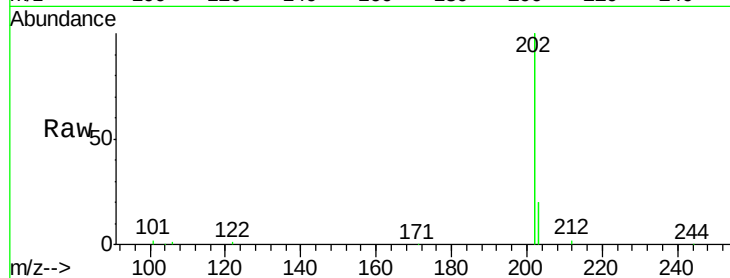
Tgt Ion:202 Resp: 43174

Ion Ratio Lower Upper

202 100

101 0.0 0.0 0.0

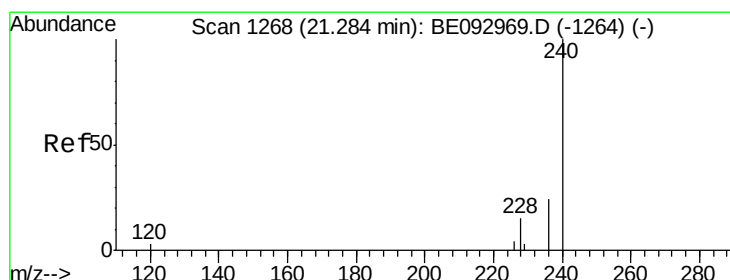
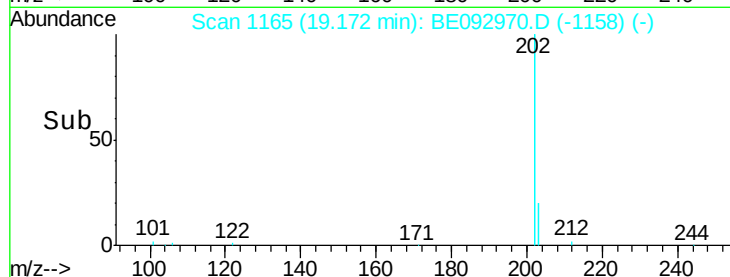
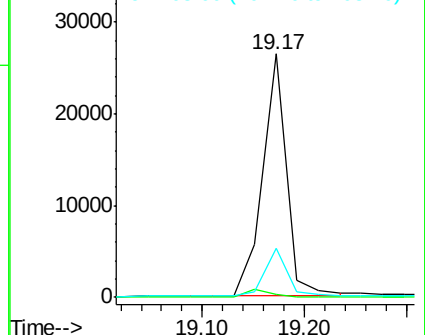
203 18.1 14.4 21.6



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



#26

Chrysene-d12

Concen: 0.40 ng

RT: 21.28 min Scan# 1267

Delta R.T. 0.00 min

Lab File: BE092970.D

Acq: 9 May 2017 19:12

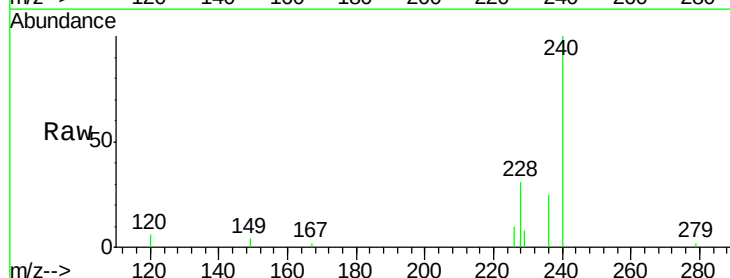
Tgt Ion:240 Resp: 4055

Ion Ratio Lower Upper

240 100

120 5.5 4.6 7.0

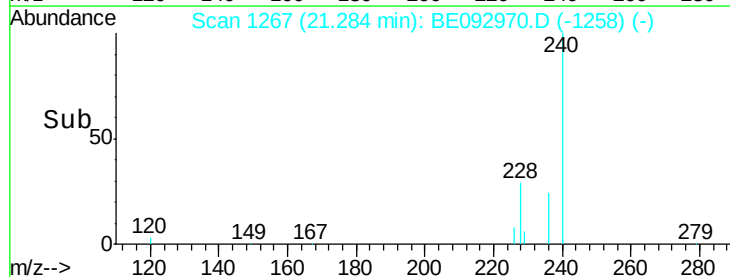
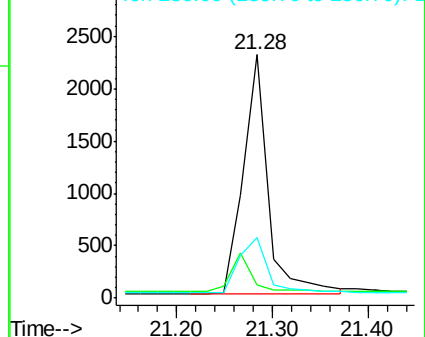
236 25.1 20.8 31.2

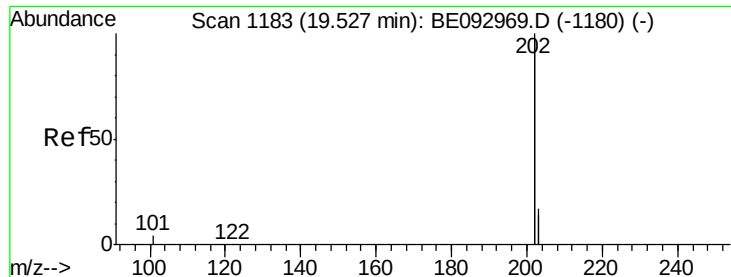


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#27

Pyrene

Concen: 0.87 ng

RT: 19.53 min Scan# 1182

Delta R.T. -0.00 min

Lab File: BE092970.D

Acq: 9 May 2017 19:12

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

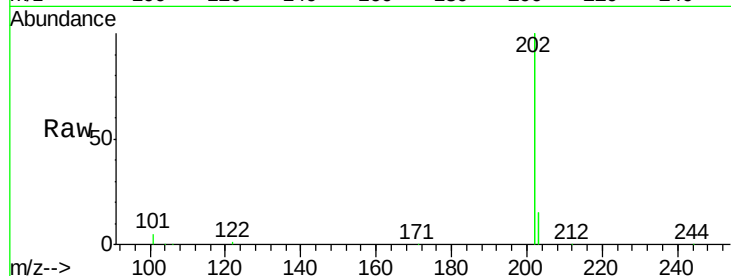
Tgt Ion:202 Resp: 45650

Ion Ratio Lower Upper

202 100

200 0.0 0.0 0.0

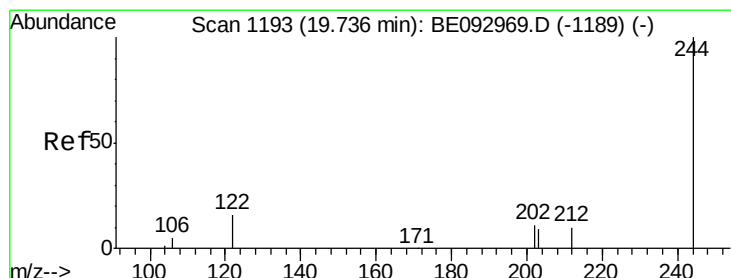
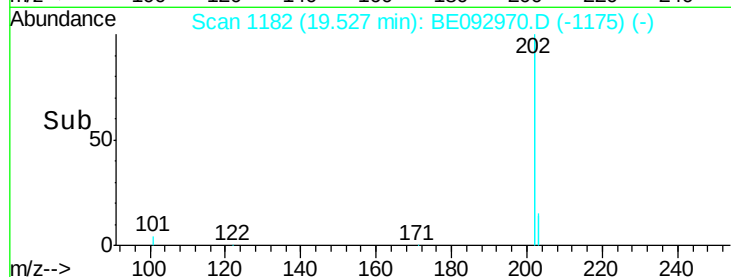
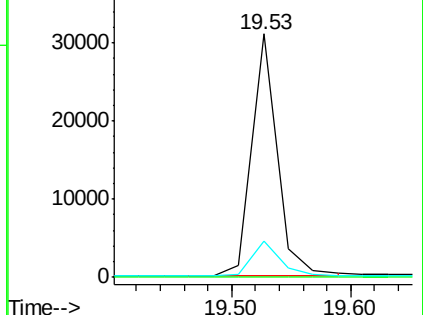
203 16.0 13.7 20.5



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



#28

Terphenyl-d14

Concen: 0.74 ng

RT: 19.74 min Scan# 1192

Delta R.T. -0.00 min

Lab File: BE092970.D

Acq: 9 May 2017 19:12

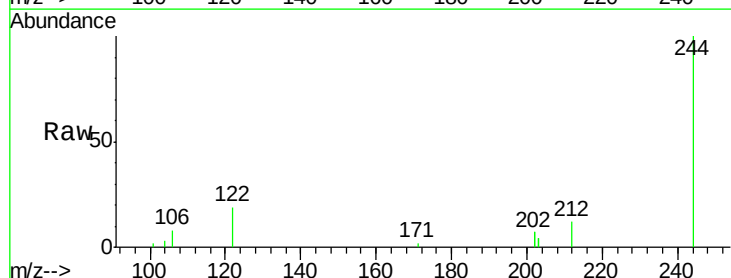
Tgt Ion:244 Resp: 5147

Ion Ratio Lower Upper

244 100

212 11.9 10.6 16.0

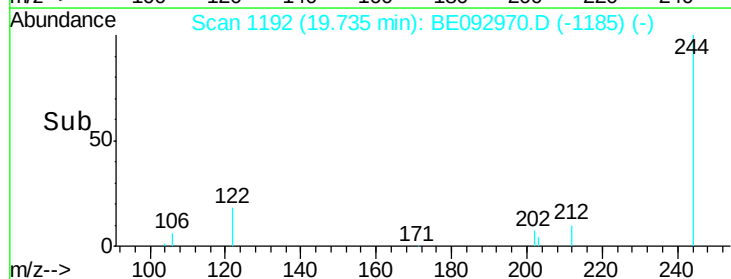
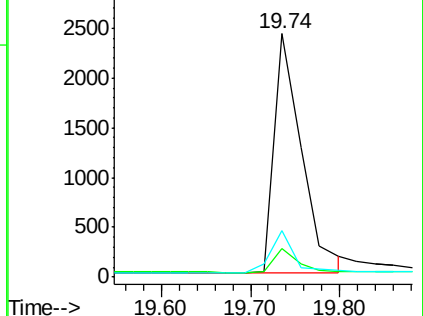
122 19.3 15.4 23.0

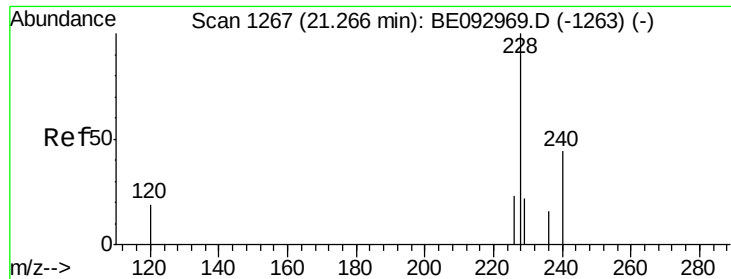


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#29

Benzo(a)anthracene

Concen: 0.84 ng

RT: 21.27 min Scan# 1266

Delta R.T. 0.00 min

Lab File: BE092970.D

Acq: 9 May 2017 19:12

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

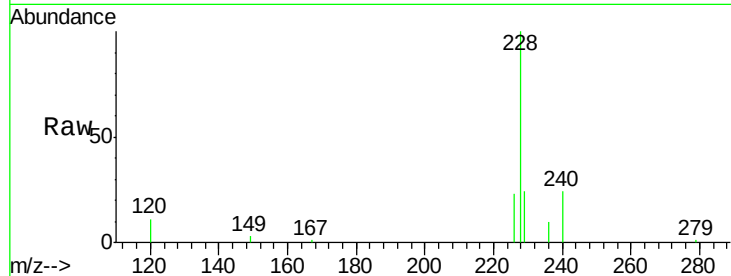
Tgt Ion:228 Resp: 8007

Ion Ratio Lower Upper

228 100

226 22.5 19.7 29.5

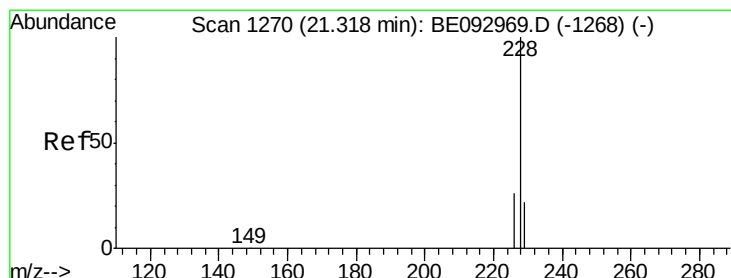
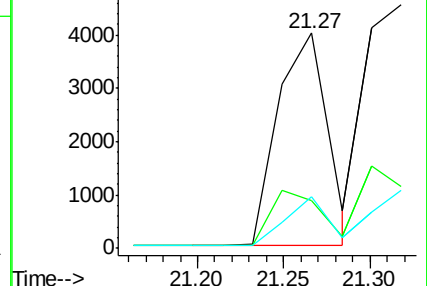
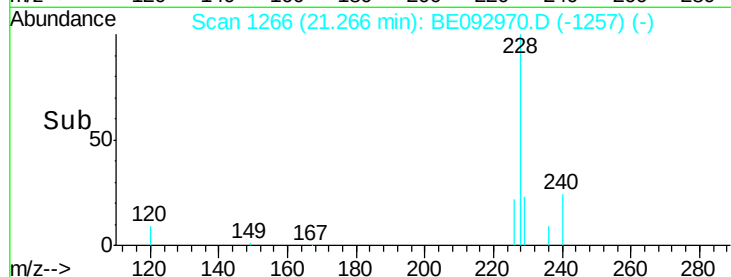
229 24.0 19.2 28.8



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

Chrysene

Concen: 0.87 ng

RT: 21.32 min Scan# 1269

Delta R.T. 0.00 min

Lab File: BE092970.D

Acq: 9 May 2017 19:12

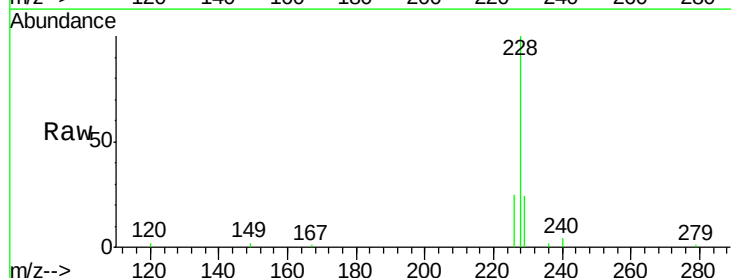
Tgt Ion:228 Resp: 10608

Ion Ratio Lower Upper

228 100

226 25.4 21.5 32.3

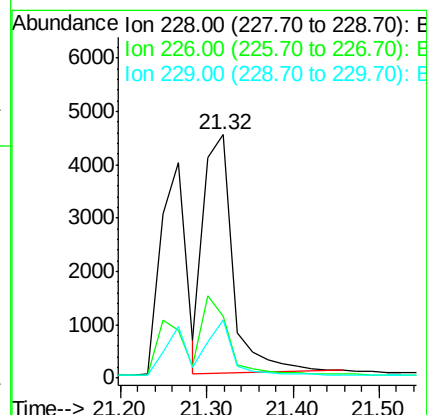
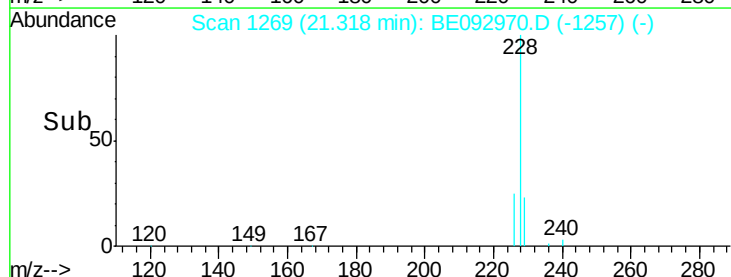
229 23.6 18.6 28.0

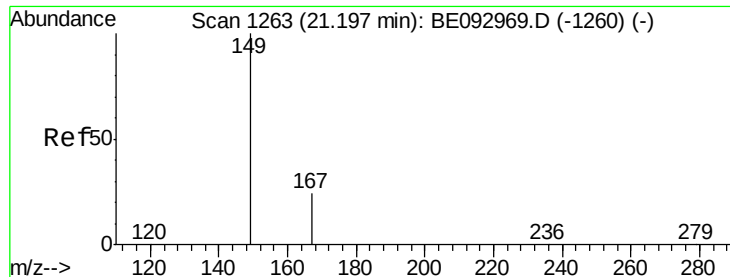


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Bis(2-ethylhexyl)phthalate

Concen: 1.04 ng

RT: 21.20 min Scan# 1262

Delta R.T. 0.00 min

Lab File: BE092970.D

Acq: 9 May 2017 19:12

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

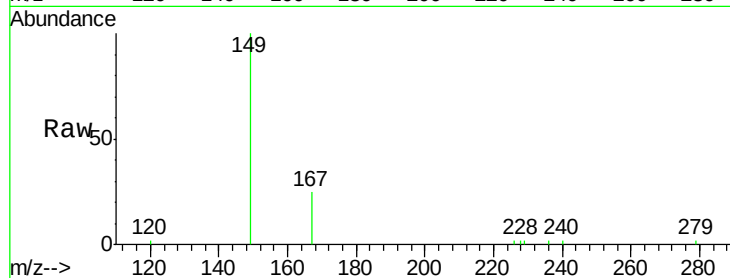
Tgt Ion:149 Resp: 2933

Ion Ratio Lower Upper

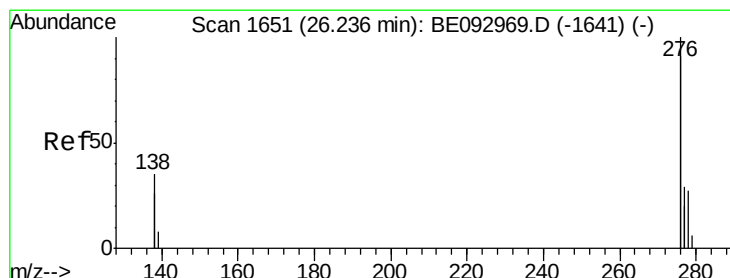
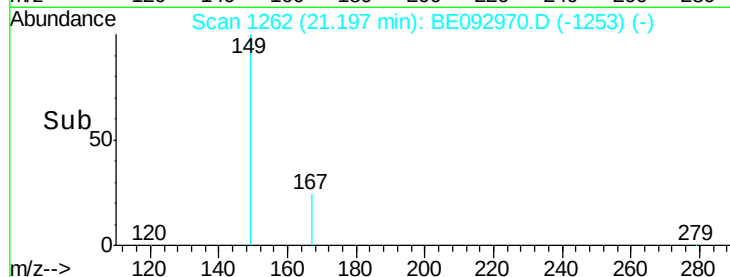
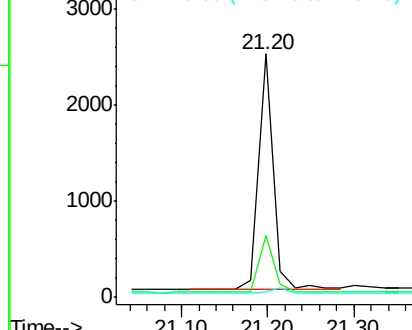
149 100

167 24.8 20.1 30.1

279 2.5 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



#32

Indeno(1,2,3-cd)pyrene

Concen: 0.79 ng

RT: 26.24 min Scan# 1650

Delta R.T. -0.00 min

Lab File: BE092970.D

Acq: 9 May 2017 19:12

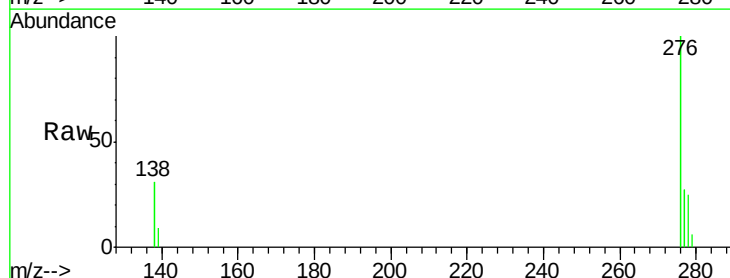
Tgt Ion:276 Resp: 34890

Ion Ratio Lower Upper

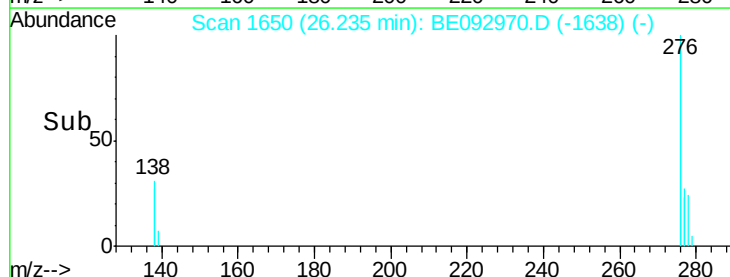
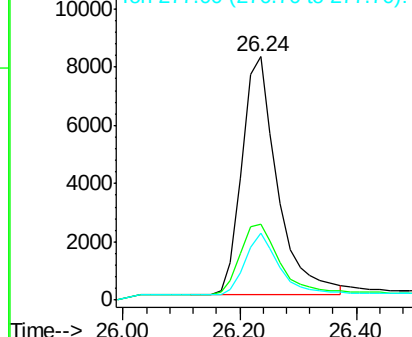
276 100

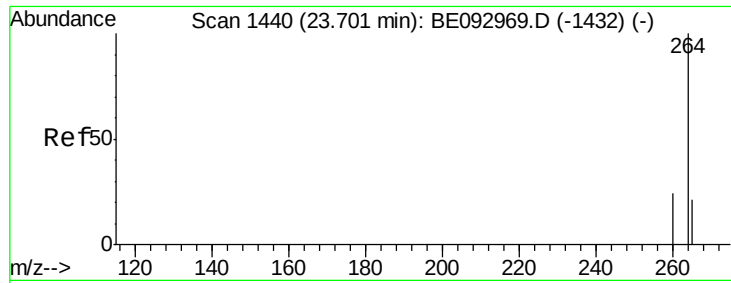
138 32.5 27.4 41.2

277 24.9 20.1 30.1



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

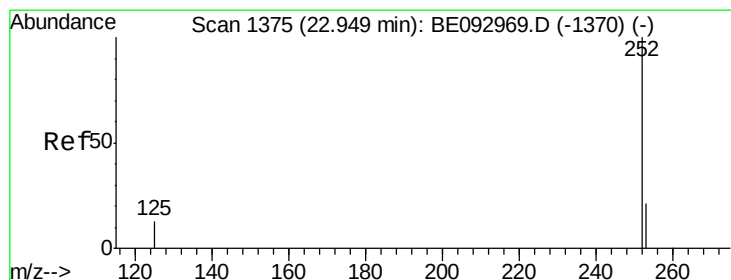
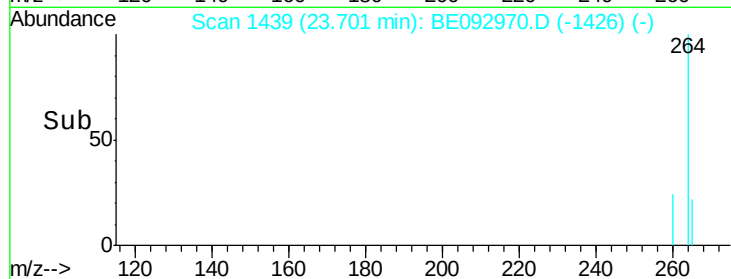
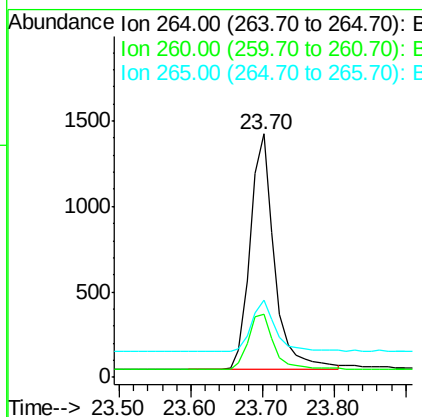
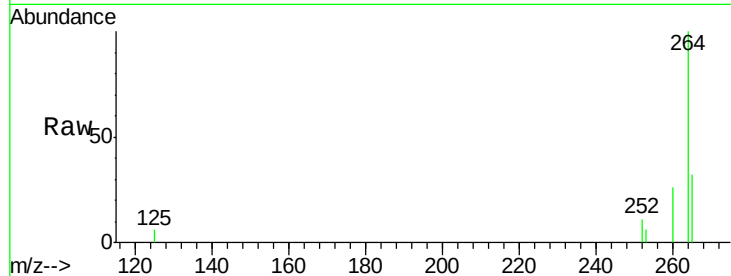




#33
Perylene-d12
 Concen: 0.40 ng
 RT: 23.70 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: BE092970.D
 Acq: 9 May 2017 19:12

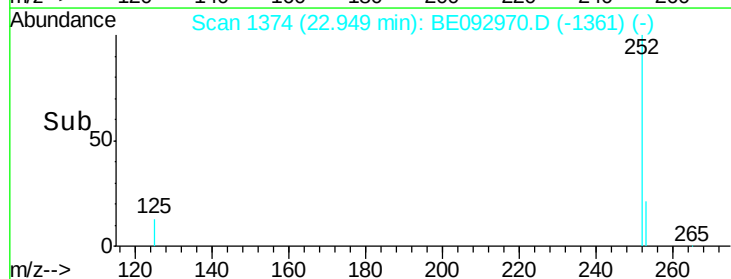
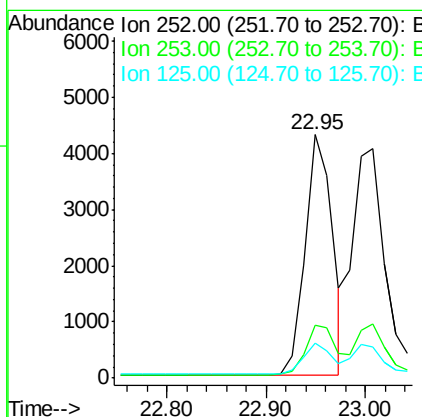
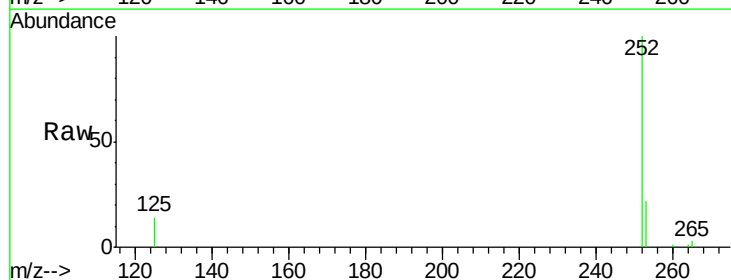
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.8

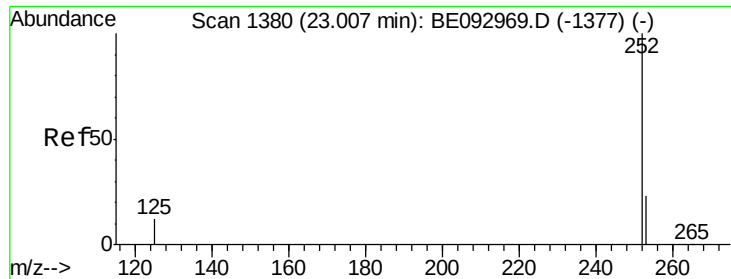
Tgt Ion: 264 Resp: 3284
 Ion Ratio Lower Upper
 264 100
 260 26.0 21.0 31.4
 265 31.9 24.6 36.8



#34
Benzo(b)fluoranthene
 Concen: 0.76 ng
 RT: 22.95 min Scan# 1374
 Delta R.T. 0.00 min
 Lab File: BE092970.D
 Acq: 9 May 2017 19:12

Tgt Ion: 252 Resp: 8112
 Ion Ratio Lower Upper
 252 100
 253 21.8 18.5 27.7
 125 14.4 13.4 20.0





#35

Benzo(k)fluoranthene

Concen: 0.83 ng

RT: 23.01 min Scan# 1379

Delta R.T. 0.00 min

Lab File: BE092970.D

Acq: 9 May 2017 19:12

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

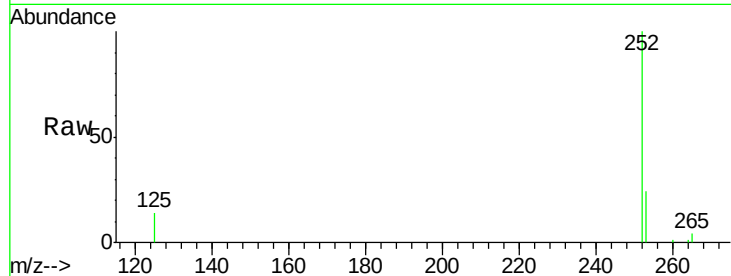
Tgt Ion:252 Resp: 9047

Ion Ratio Lower Upper

252 100

253 23.9 20.3 30.5

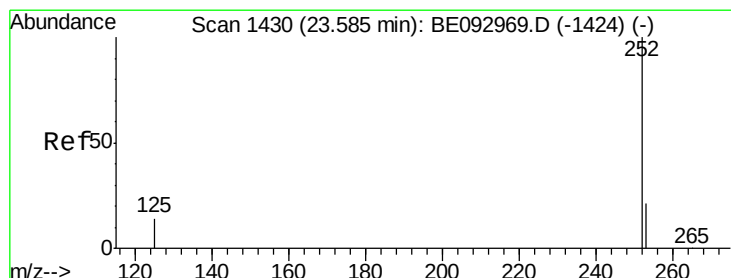
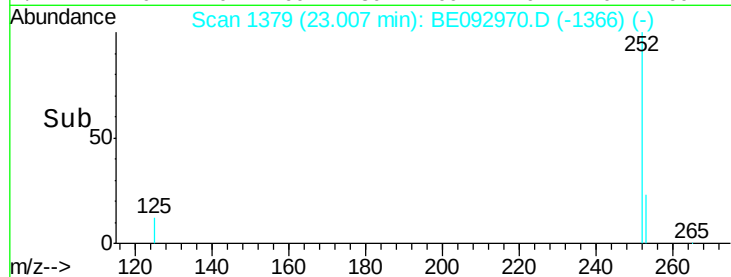
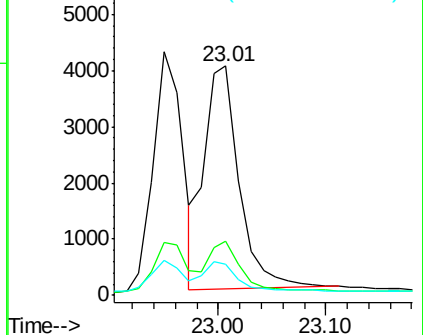
125 13.5 12.2 18.4



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



#36

Benzo(a)pyrene

Concen: 0.87 ng

RT: 23.59 min Scan# 1429

Delta R.T. 0.00 min

Lab File: BE092970.D

Acq: 9 May 2017 19:12

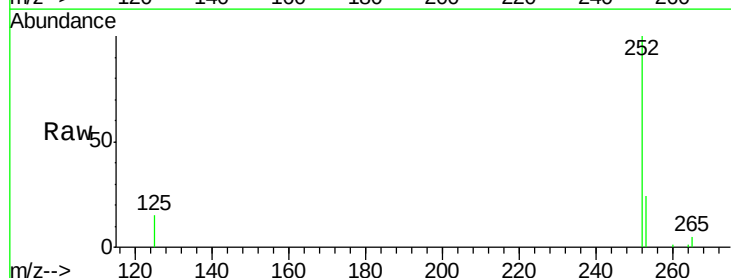
Tgt Ion:252 Resp: 7798

Ion Ratio Lower Upper

252 100

253 23.6 19.9 29.9

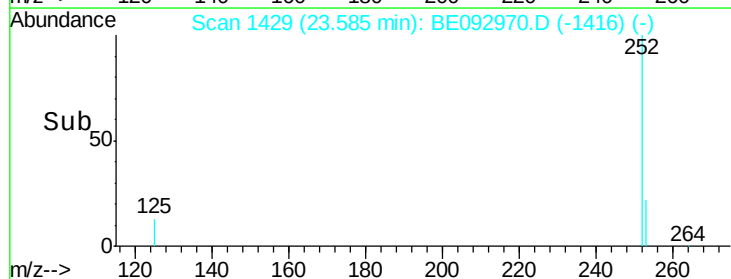
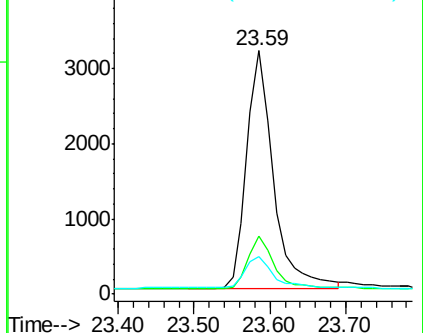
125 15.5 14.6 21.8

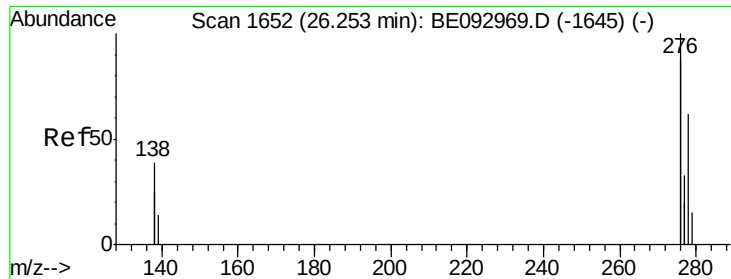


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



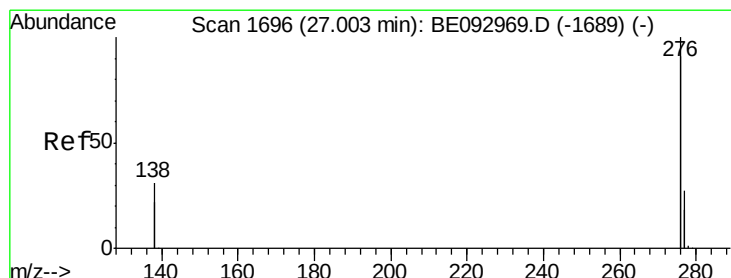
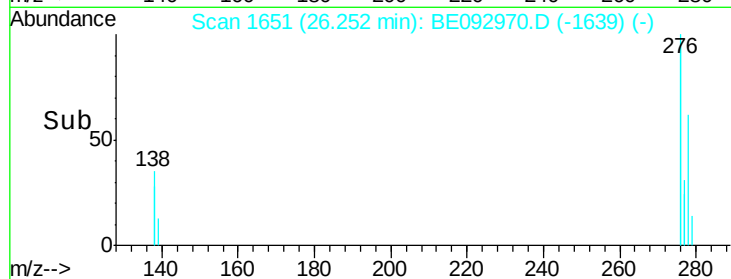
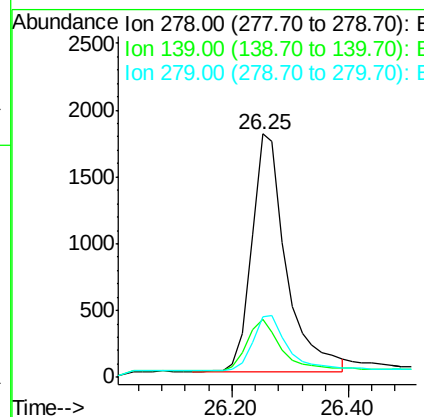
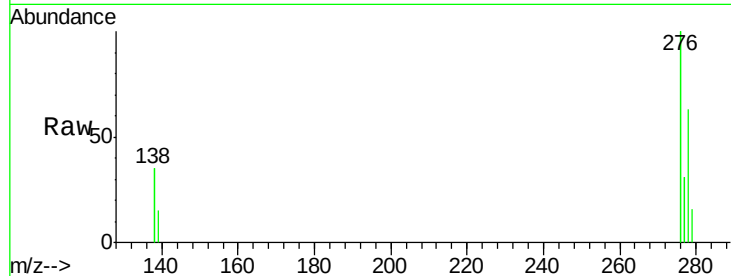


#37
Dibenzo(a,h)anthracene
Concen: 0.74 ng
RT: 26.25 min Scan# 1651
Delta R.T. -0.00 min
Lab File: BE092970.D
Acq: 9 May 2017 19:12

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.8

Tgt Ion: 278 Resp: 7319

Ion	Ratio	Lower	Upper
278	100		
139	23.9	21.4	32.0
279	24.7	22.2	33.2



#38
Benzo(g,h,i)perylene
Concen: 0.76 ng
RT: 27.00 min Scan# 1695
Delta R.T. -0.00 min
Lab File: BE092970.D
Acq: 9 May 2017 19:12

Tgt Ion: 276 Resp: 32010

Ion	Ratio	Lower	Upper
276	100		
277	25.0	21.2	31.8
138	28.9	24.5	36.7

