

Data Path : Z:\HPCHEM1\BNA E\DATA\BE040417\
 Data File : BE092889.D
 Acq On : 4 Apr 2017 17:49
 Operator : SJ/MA
 Sample : SSTDCCC0.4EC
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Apr 04 19:14:22 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE040417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 04 16:35:54 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	8605	5.00	ng	-0.02
7) Naphthalene-d8	10.53	136	37476	5.00	ng	-0.02
12) Acenaphthene-d10	14.38	164	18321	5.00	ng	-0.02
18) Phenanthrene-d10	17.13	188	45967	5.00	ng	-0.02
24) Chrysene-d12	21.28	240	49258	5.00	ng	-0.02
31) Perylene-d12	23.70	264	42033	5.00	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	678	0.39	ng	0.00
5) Phenol-d6	6.94	99	966	0.39	ng	0.00
8) Nitrobenzene-d5	8.90	82	818	0.38	ng	-0.02
13) 2,4,6-Tribromophenol	15.87	330	87	0.37	ng	-0.01
14) 2-Fluorobiphenyl	13.02	172	2460	0.40	ng	-0.01
26) Terphenyl-d14	19.74	244	2965	0.39	ng	-0.02

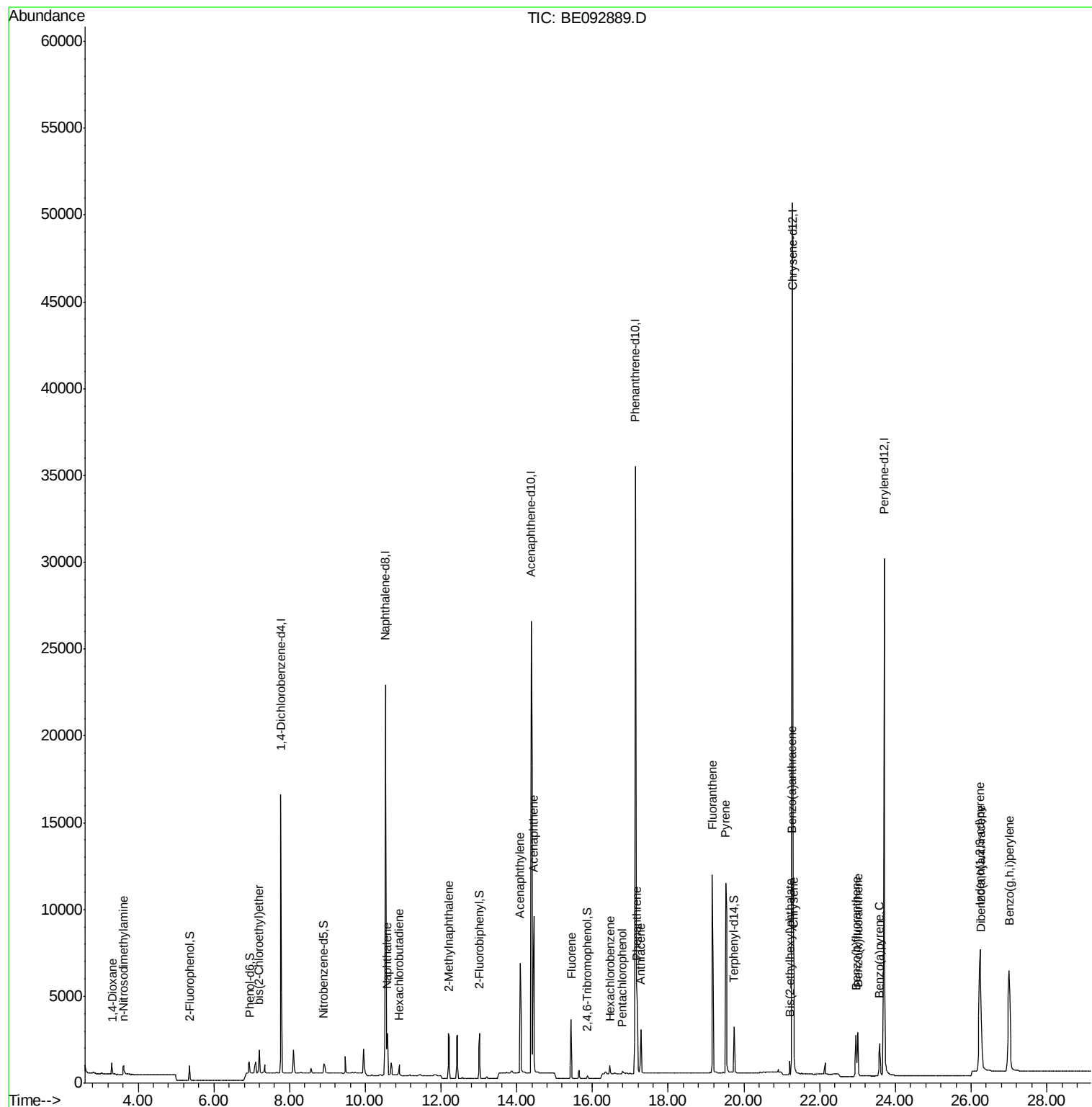
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.32	88	459	0.40	ng	92
3) n-Nitrosodimethylamine	3.61	42	452	0.39	ng	# 88
6) bis(2-Chloroethyl)ether	7.20	93	1115	0.40	ng	# 50
9) Naphthalene	10.58	128	3278	0.40	ng	99
10) Hexachlorobutadiene	10.89	225	443	0.40	ng	99
11) 2-Methylnaphthalene	12.21	142	1991	0.39	ng	# 86
15) Acenaphthylene	14.09	152	9537	0.37	ng	100
16) Acenaphthene	14.45	154	2110	0.40	ng	99
17) Fluorene	15.44	166	2271	0.39	ng	98
19) Hexachlorobenzene	16.47	284	603	0.35	ng	# 39
20) Pentachlorophenol	16.79	266	117	0.41	ng	91
21) Phenanthrene	17.18	178	4477	0.36	ng	94
22) Anthracene	17.27	178	3309	0.33	ng	98
23) Fluoranthene	19.16	202	15952	0.36	ng	100
25) Pyrene	19.52	202	17419	0.40	ng	100
27) Benzo(a)anthracene	21.26	228	3851	0.36	ng	# 94
28) Chrysene	21.31	228	5003	0.41	ng	# 76
29) Bis(2-ethylhexyl)phthalate	21.21	149	781	0.38	ng	# 73
30) Indeno(1,2,3-cd)pyrene	26.24	276	15239	0.37	ng	# 93
32) Benzo(b)fluoranthene	22.96	252	3904	0.38	ng	97
33) Benzo(k)fluoranthene	23.01	252	3407m	0.36	ng	
34) Benzo(a)pyrene	23.58	252	3083	0.38	ng	97
35) Dibenzo(a,h)anthracene	26.25	278	3360	0.36	ng	# 94
36) Benzo(g,h,i)perylene	27.00	276	13563	0.36	ng	94

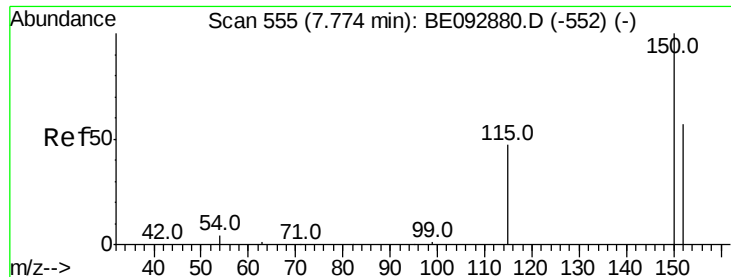
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.77 min Scan# 555

Delta R.T. -0.02 min

Lab File: BE092889.D

Acq: 4 Apr 2017 17:49

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

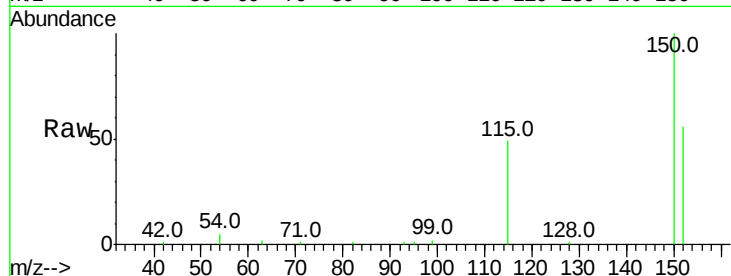
Tot Ion:152 Resp: 8605

Ion Ratio Lower Upper

152 100

150 178.5 106.0 159.0#

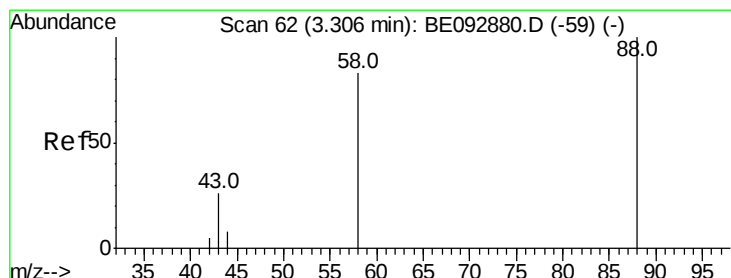
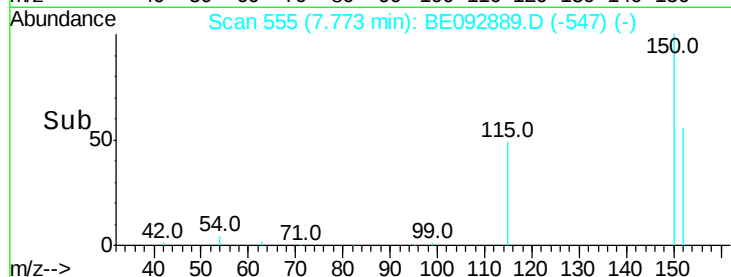
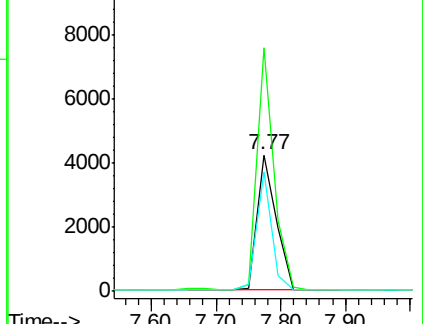
115 87.2 31.2 46.8#



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: 0.40 ng

RT: 3.32 min Scan# 63

Delta R.T. -0.00 min

Lab File: BE092889.D

Acq: 4 Apr 2017 17:49

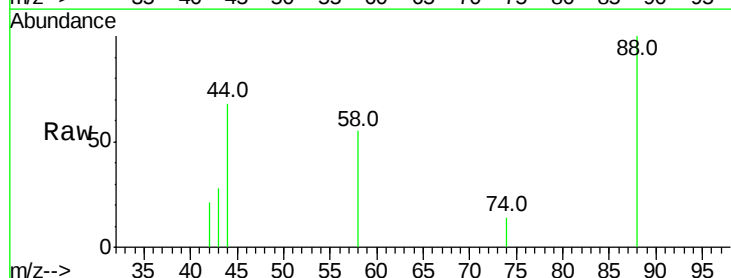
Tgt Ion: 88 Resp: 459

Ion Ratio Lower Upper

88 100

58 74.1 63.6 95.4

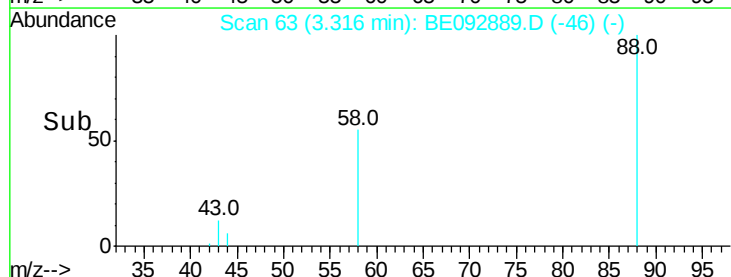
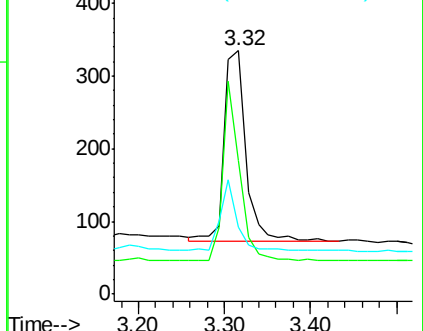
43 28.8 28.0 42.0

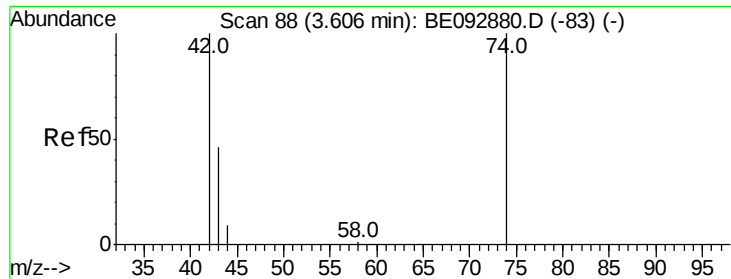


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



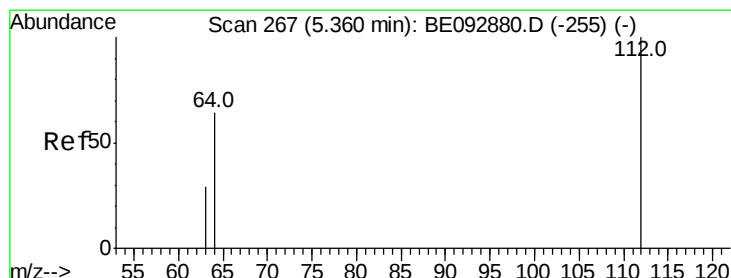
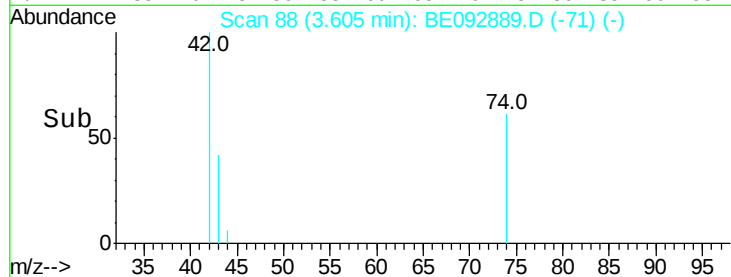
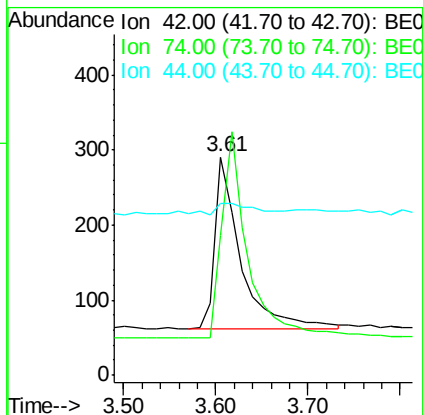
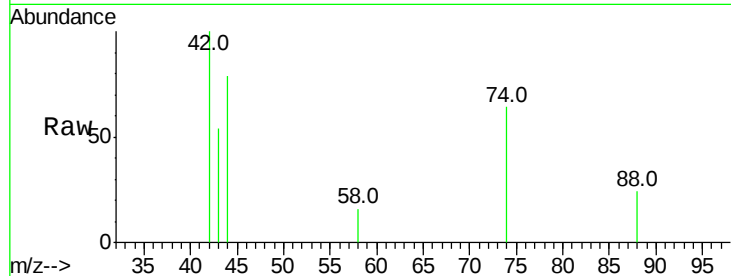


#3

n-Nitrosodimethylamine
Concen: 0.39 ng
RT: 3.61 min Scan# 88
Delta R.T. -0.00 min
Lab File: BE092889.D
Acq: 4 Apr 2017 17:49

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

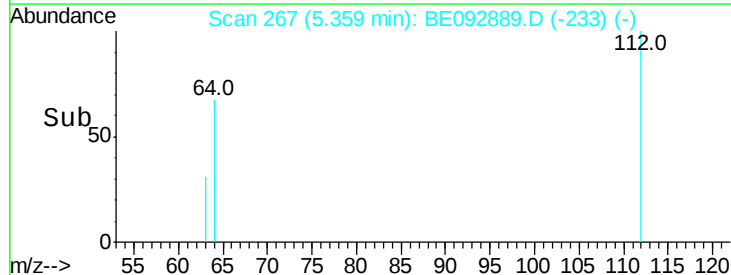
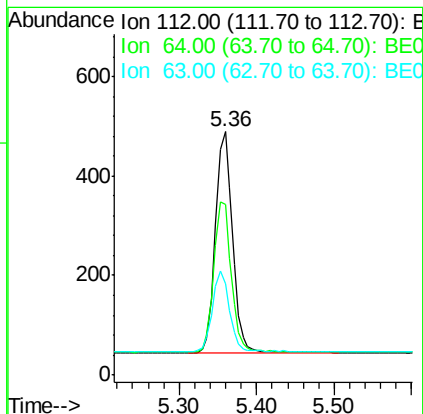
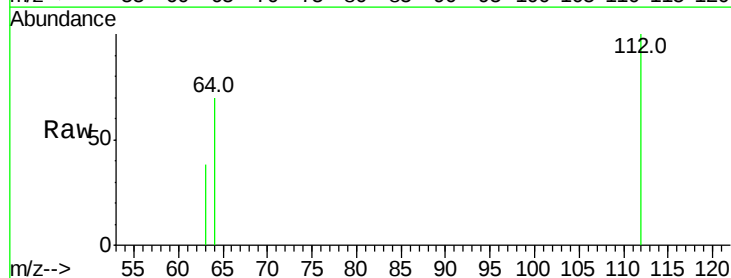
Tot Ion: 42 Resp: 452
Ion Ratio Lower Upper
42 100
74 120.6 86.0 129.0
44 8.2 5.1 7.7#

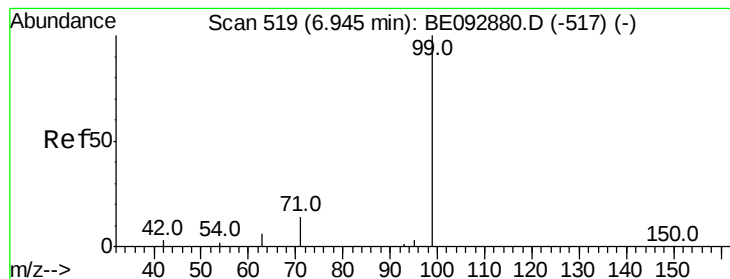


#4

2-Fluorophenol
Concen: 0.39 ng
RT: 5.36 min Scan# 267
Delta R.T. -0.00 min
Lab File: BE092889.D
Acq: 4 Apr 2017 17:49

Tgt Ion: 112 Resp: 678
Ion Ratio Lower Upper
112 100
64 68.9 53.5 80.3
63 34.8 27.9 41.9





#5

Phenol-d6

Concen: 0.39 ng

RT: 6.94 min Scan# 519

Delta R.T. -0.00 min

Lab File: BE092889.D

Acq: 4 Apr 2017 17:49

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

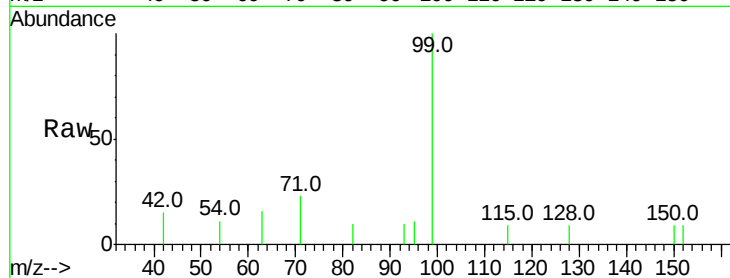
Tot Ion: 99 Resp: 966

Ion Ratio Lower Upper

99 100

42 0.0 16.0 24.0#

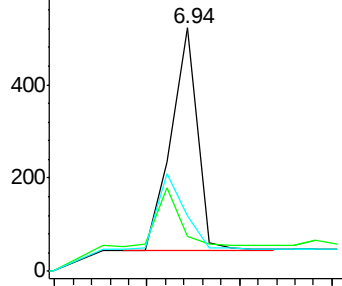
71 0.0 30.6 45.8#



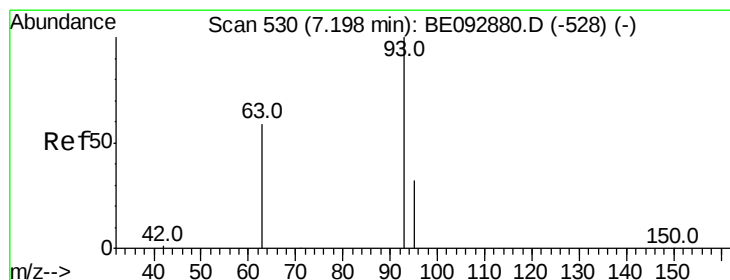
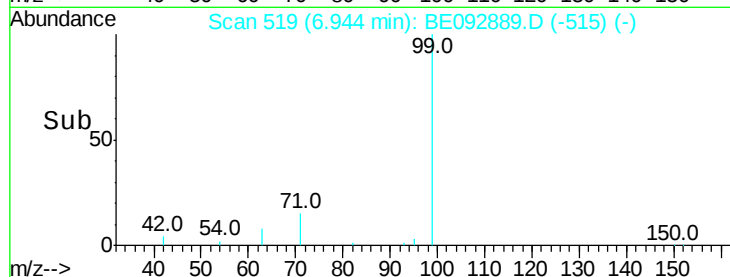
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.40 ng

RT: 7.20 min Scan# 530

Delta R.T. -0.00 min

Lab File: BE092889.D

Acq: 4 Apr 2017 17:49

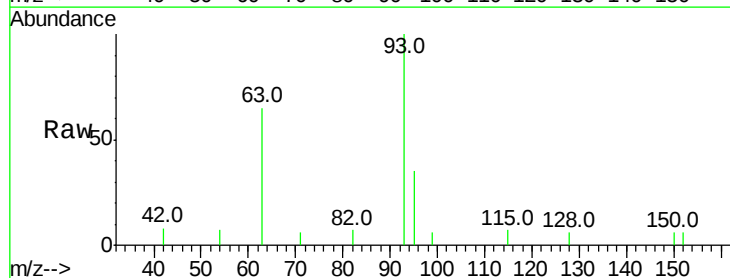
Tgt Ion: 93 Resp: 1115

Ion Ratio Lower Upper

93 100

63 74.9 16.0 24.0#

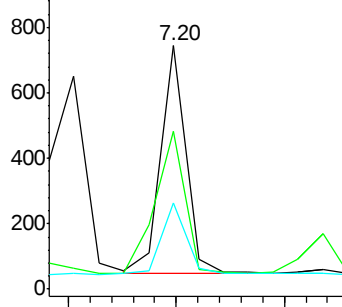
95 31.8 24.0 36.0



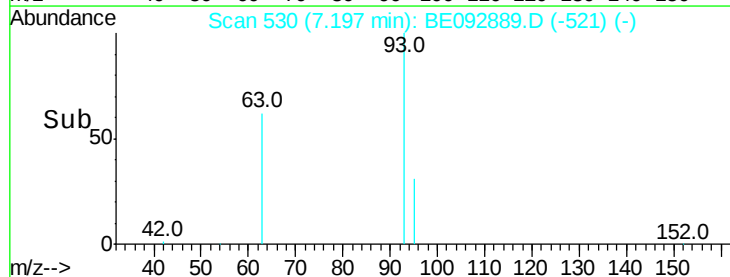
Abundance Ion 93.00 (92.70 to 93.70): BE0

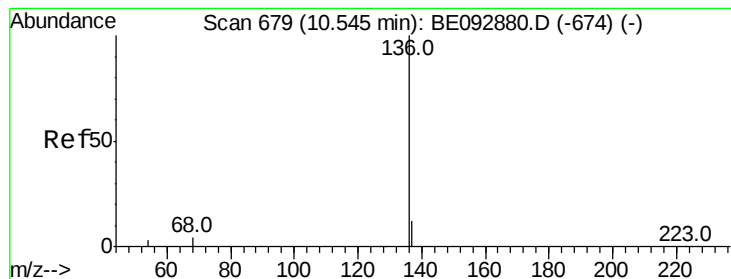
Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0



Time-->





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.53 min Scan# 678

Delta R.T. -0.02 min

Lab File: BE092889.D

Acq: 4 Apr 2017 17:49

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:136 Resp: 37476

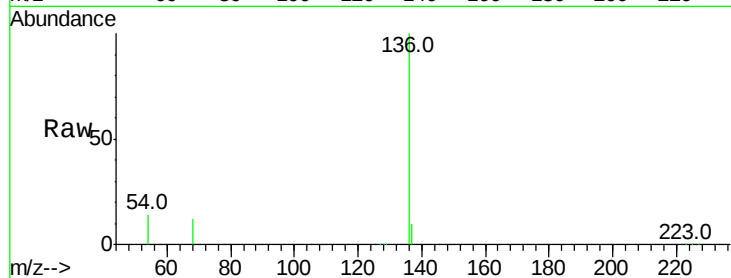
Ion Ratio Lower Upper

136 100

137 9.8 8.2 12.4

54 14.3 9.6 14.4

68 11.6 6.7 10.1#

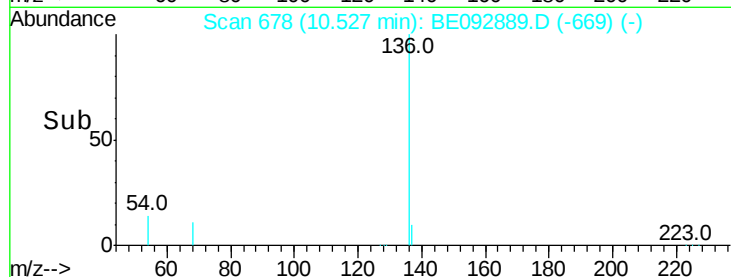


Abundance Ion 136.00 (135.70 to 136.70): E

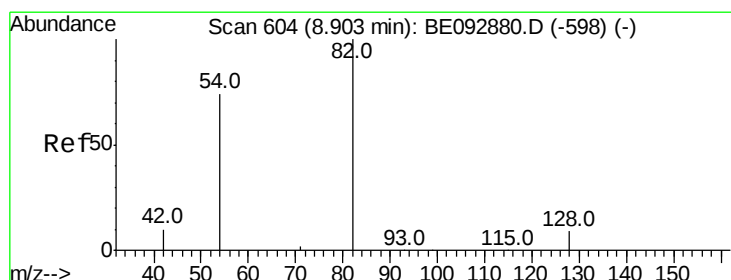
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



Time-->



#8

Nitrobenzene-d5

Concen: 0.38 ng

RT: 8.90 min Scan# 604

Delta R.T. -0.02 min

Lab File: BE092889.D

Acq: 4 Apr 2017 17:49

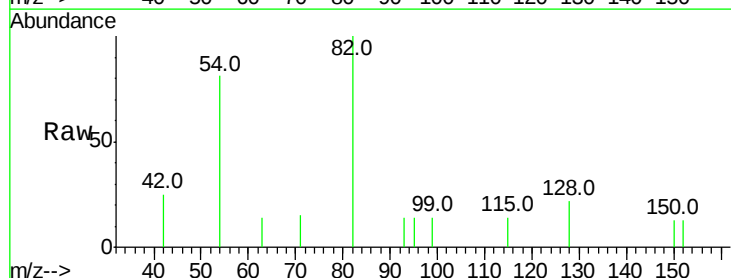
Tgt Ion: 82 Resp: 818

Ion Ratio Lower Upper

82 100

128 21.7 39.0 58.4#

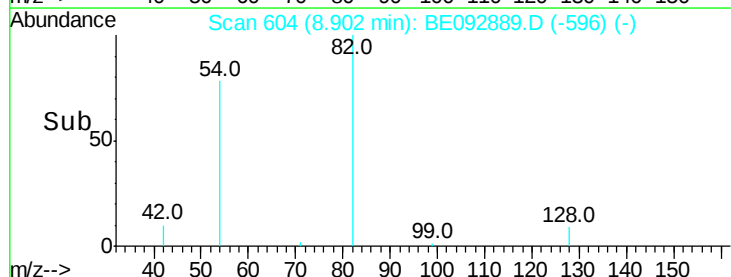
54 81.3 44.8 67.2#



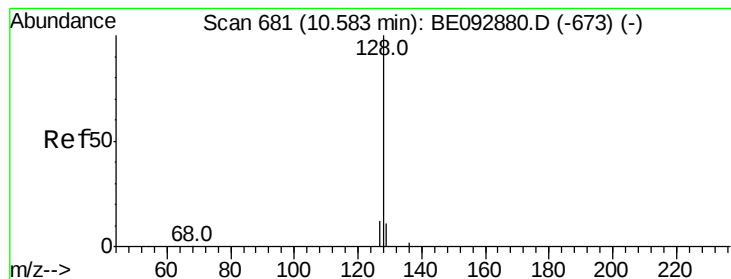
Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0



Time-->



#9

Naphthalene

Concen: 0.40 ng

RT: 10.58 min Scan# 681

Delta R.T. 0.00 min

Lab File: BE092889.D

Acq: 4 Apr 2017 17:49

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

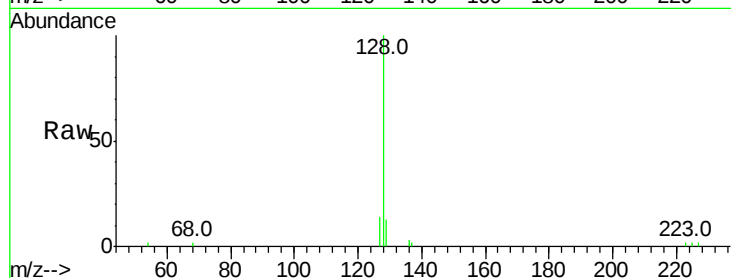
Tot Ion:128 Resp: 3278

Ion Ratio Lower Upper

128 100

129 13.3 11.2 16.8

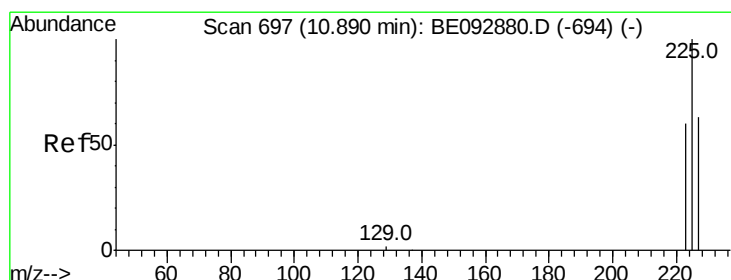
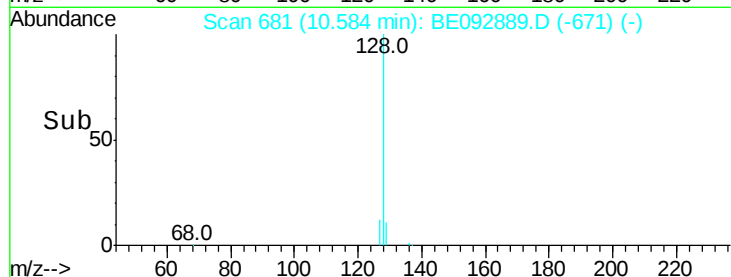
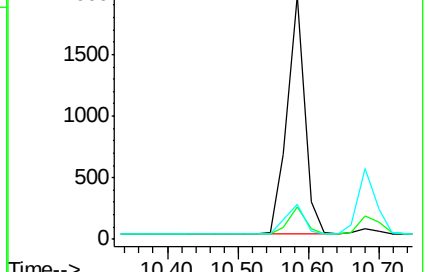
127 14.3 11.6 17.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.40 ng

RT: 10.89 min Scan# 697

Delta R.T. 0.00 min

Lab File: BE092889.D

Acq: 4 Apr 2017 17:49

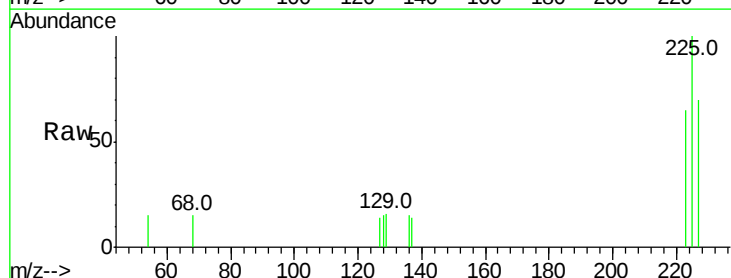
Tgt Ion:225 Resp: 443

Ion Ratio Lower Upper

225 100

223 63.4 50.6 76.0

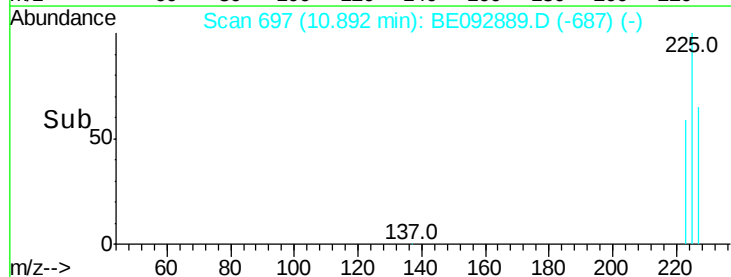
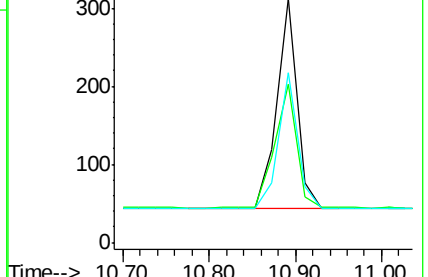
227 62.8 51.4 77.0

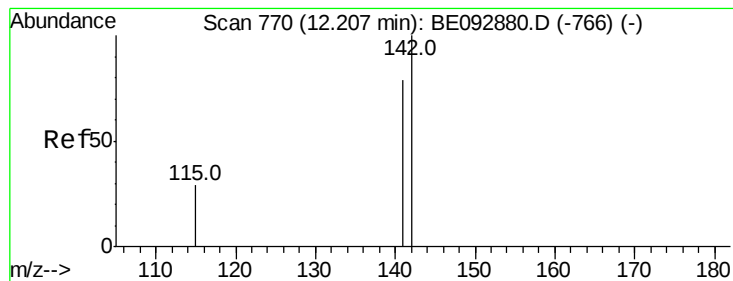


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene

Concen: 0.39 ng

RT: 12.21 min Scan# 770

Delta R.T. -0.00 min

Lab File: BE092889.D

Acq: 4 Apr 2017 17:49

Instrument :

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SSTDCCC0.4EC

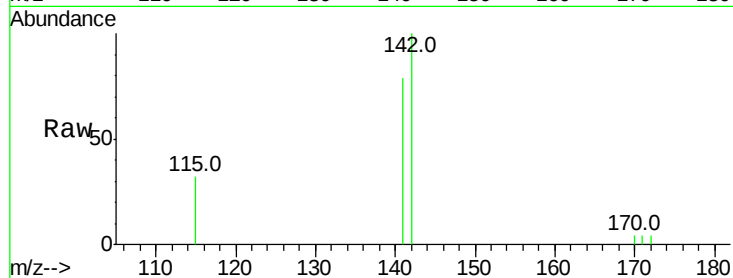
Tot Ion:142 Resp: 1991

Ion Ratio Lower Upper

142 100

141 79.4 73.7 110.5

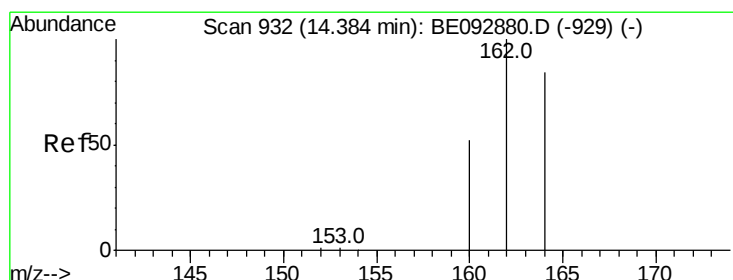
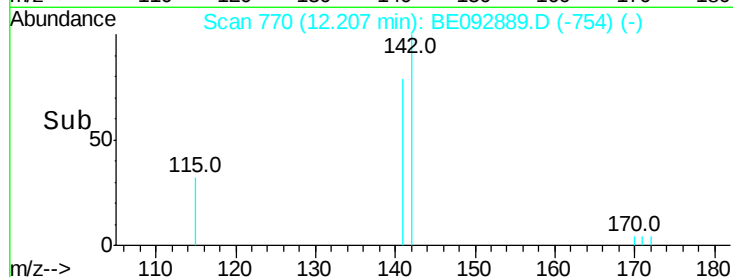
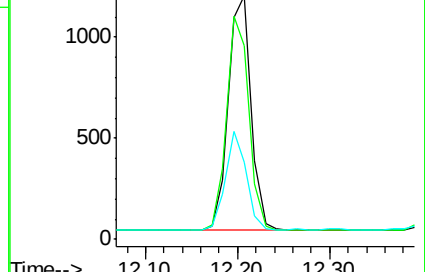
115 32.0 34.0 51.0#



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

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.38 min Scan# 932

Delta R.T. -0.02 min

Lab File: BE092889.D

Acq: 4 Apr 2017 17:49

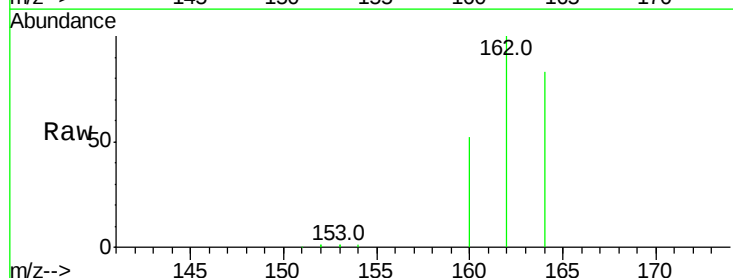
Tgt Ion:164 Resp: 18321

Ion Ratio Lower Upper

164 100

162 120.5 71.4 107.0#

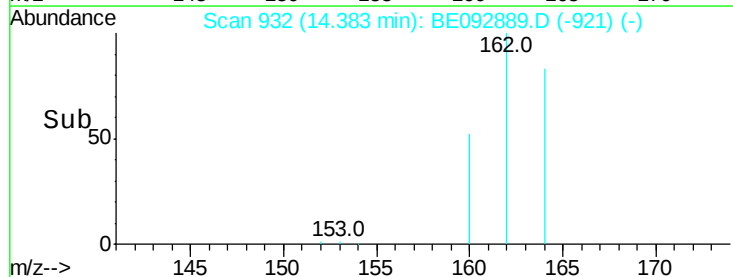
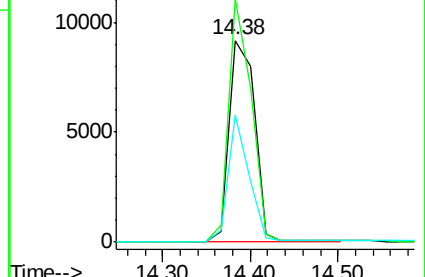
160 63.1 27.4 41.2#

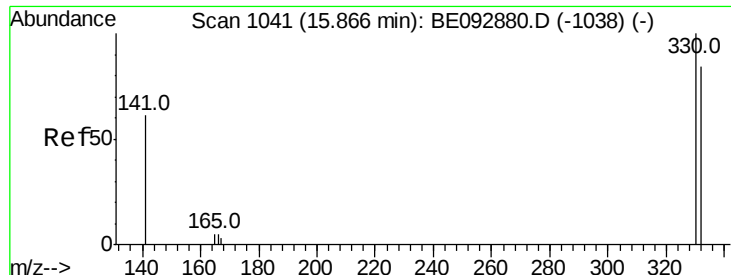


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

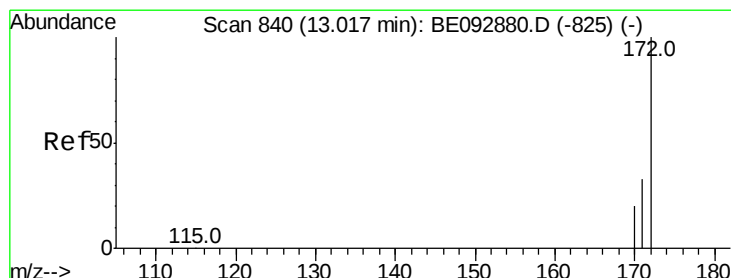
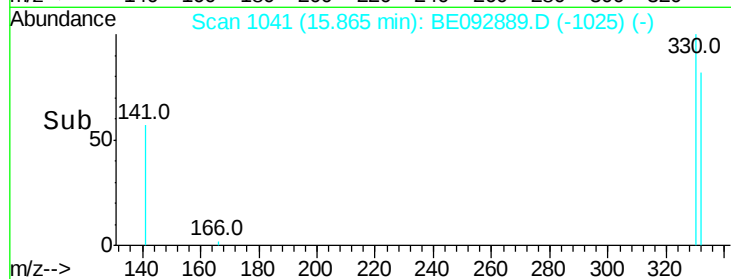
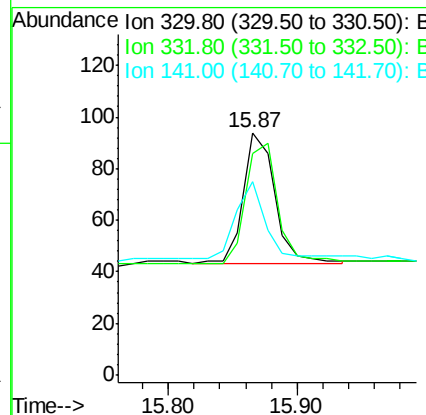
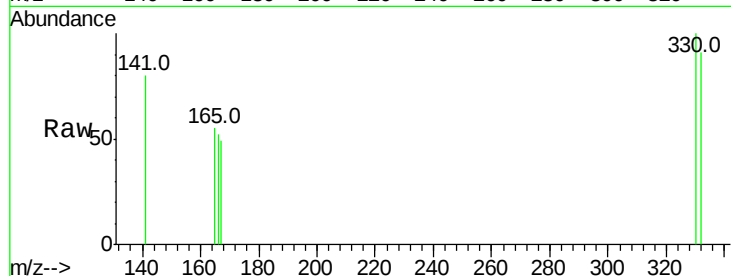




#13
 2,4,6-Tribromophenol
 Concen: 0.37 ng
 RT: 15.87 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BE092889.D
 Acq: 4 Apr 2017 17:49

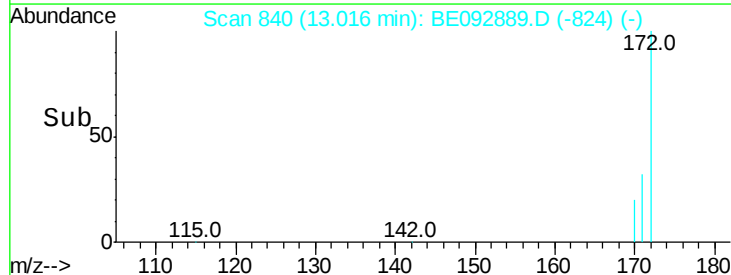
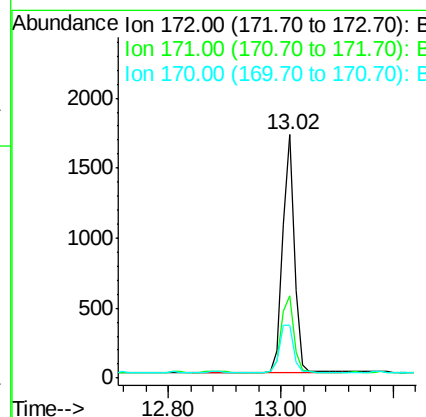
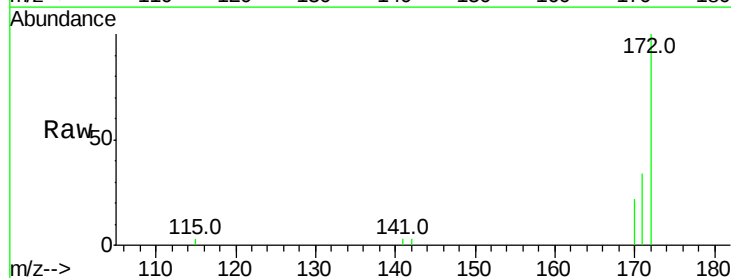
Instrument :
 BNA_E
 ClientSampleId :
 SSTDC00.4EC

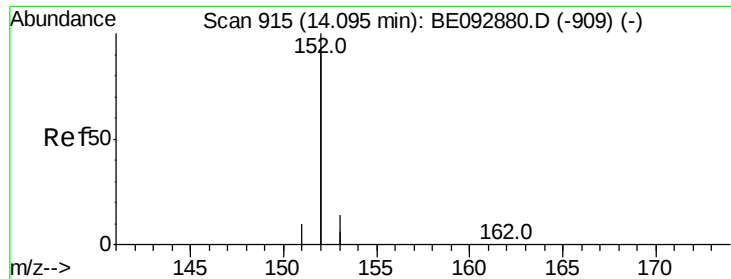
Tot Ion:330 Resp: 87
 Ion Ratio Lower Upper
 330 100
 332 95.4 75.4 113.0
 141 56.3 31.0 46.6#



#14
 2-Fluorobiphenyl
 Concen: 0.40 ng
 RT: 13.02 min Scan# 840
 Delta R.T. -0.01 min
 Lab File: BE092889.D
 Acq: 4 Apr 2017 17:49

Tgt Ion:172 Resp: 2460
 Ion Ratio Lower Upper
 172 100
 171 33.6 30.1 45.1
 170 21.6 21.8 32.6#

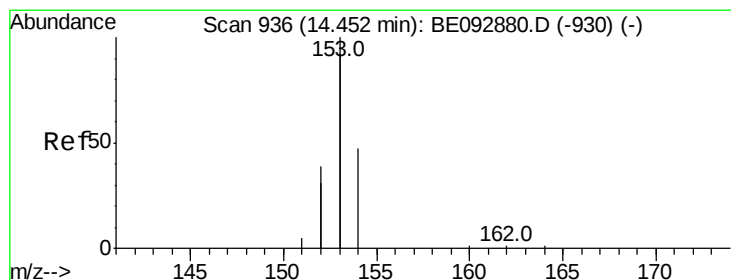
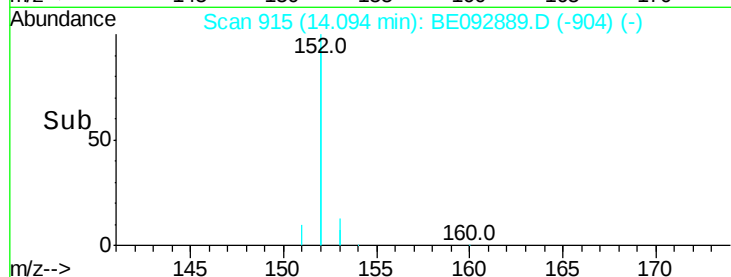
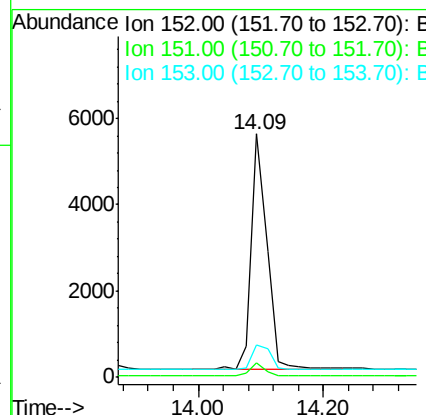
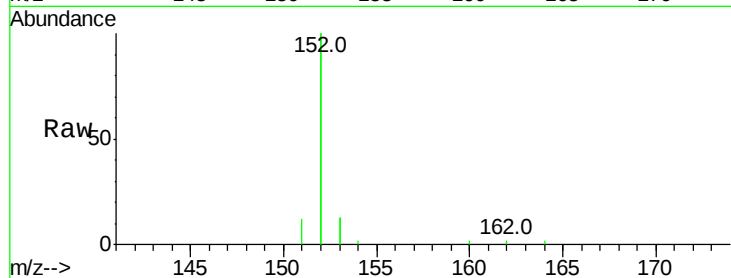




#15
Acenaphthylene
Concen: 0.37 ng
RT: 14.09 min Scan# 915
Delta R.T. -0.02 min
Lab File: BE092889.D
Acq: 4 Apr 2017 17:49

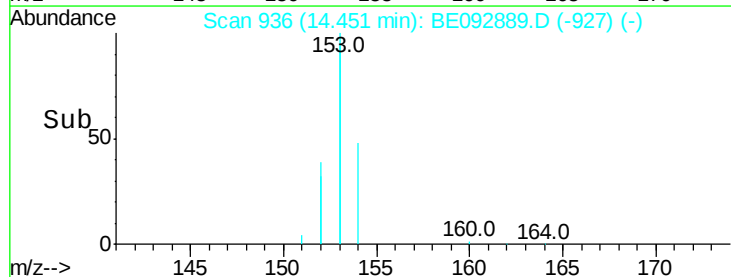
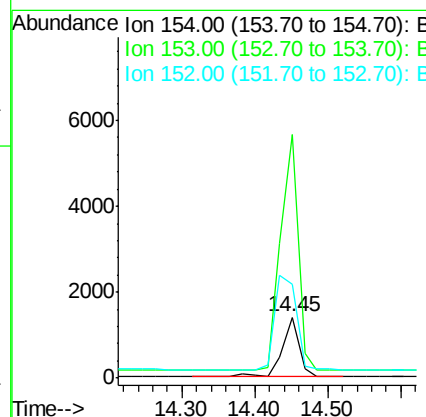
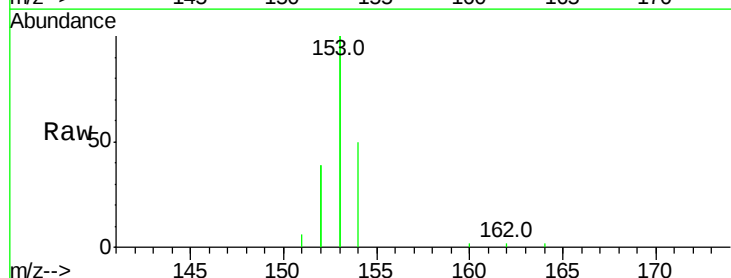
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

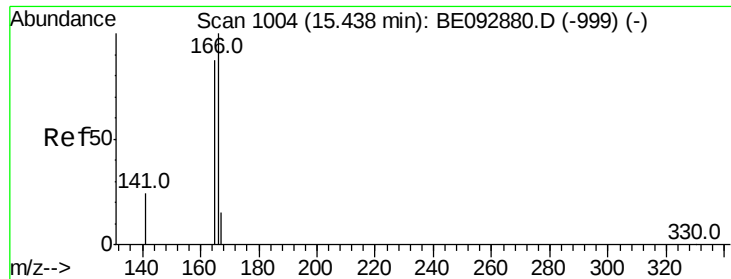
Tot Ion:152 Resp: 9537
Ion Ratio Lower Upper
152 100
151 5.0 3.9 5.9
153 13.1 10.4 15.6



#16
Acenaphthene
Concen: 0.40 ng
RT: 14.45 min Scan# 936
Delta R.T. 0.00 min
Lab File: BE092889.D
Acq: 4 Apr 2017 17:49

Tgt Ion:154 Resp: 2110
Ion Ratio Lower Upper
154 100
153 434.5 350.8 526.2
152 213.4 171.1 256.7



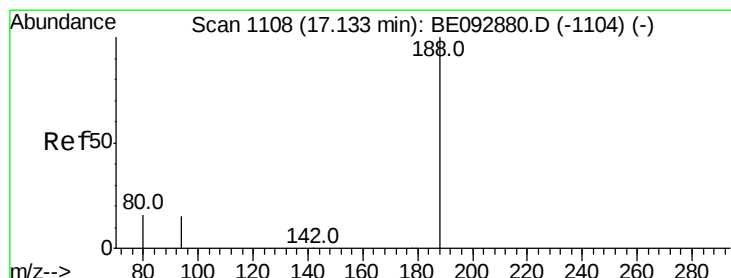
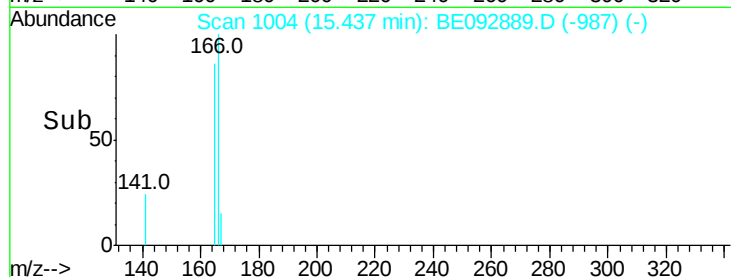
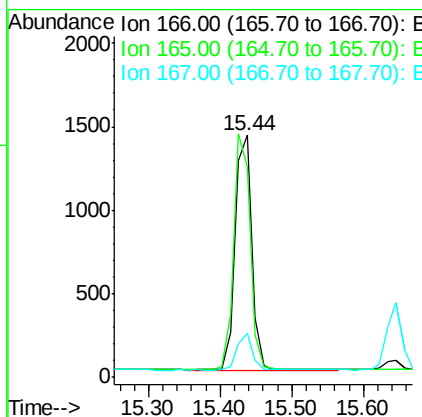
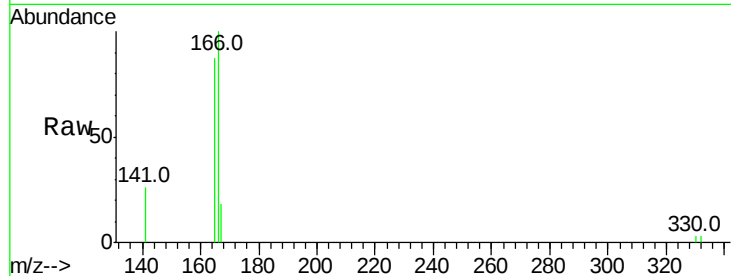


#17
Fluorene
 Concen: 0.39 ng
 RT: 15.44 min Scan# 1004
 Delta R.T. -0.00 min
 Lab File: BE092889.D
 Acq: 4 Apr 2017 17:49

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Tot Ion:166 Resp: 2271

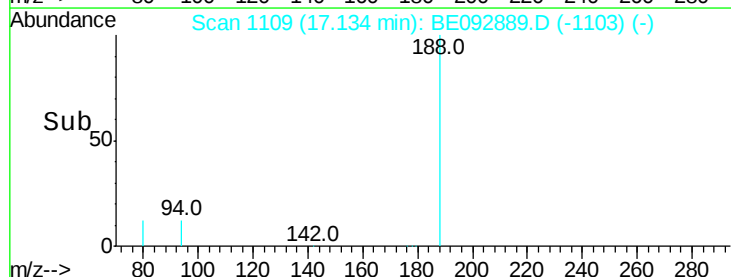
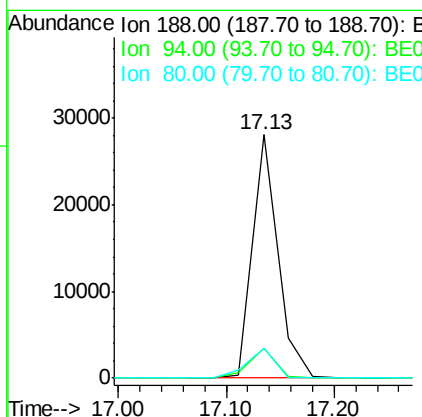
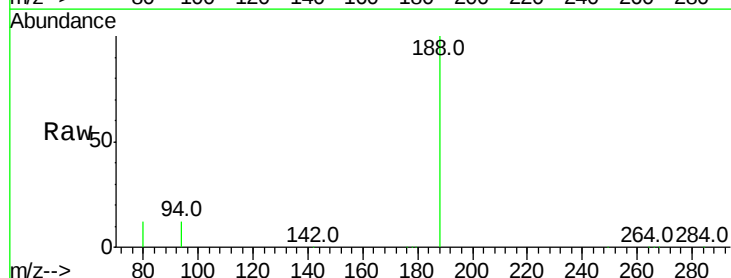
Ion	Ratio	Lower	Upper
166	100		
165	99.3	78.2	117.4
167	14.3	11.0	16.4

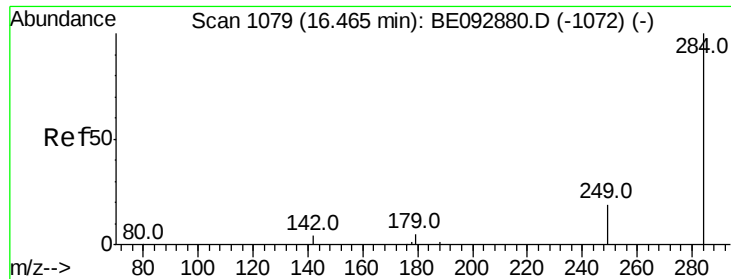


#18
Phenanthrene-d10
 Concen: 5.00 ng
 RT: 17.13 min Scan# 1109
 Delta R.T. -0.02 min
 Lab File: BE092889.D
 Acq: 4 Apr 2017 17:49

Tgt Ion:188 Resp: 45967

Ion	Ratio	Lower	Upper
188	100		
94	12.2	3.2	4.8#
80	12.4	2.6	3.8#





#19

Hexachlorobenzene

Concen: 0.35 ng

RT: 16.47 min Scan# 1080

Delta R.T. 0.00 min

Lab File: BE092889.D

Acq: 4 Apr 2017 17:49

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

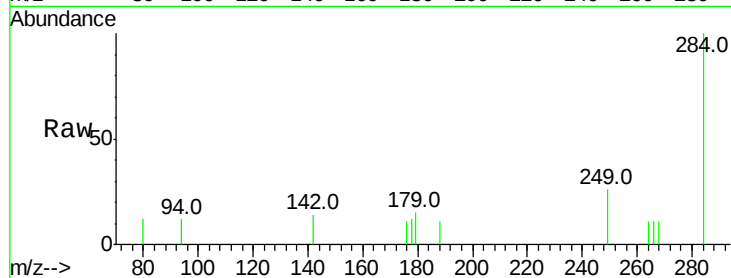
Tot Ion:284 Resp: 603

Ion Ratio Lower Upper

284 100

142 0.0 29.1 43.7#

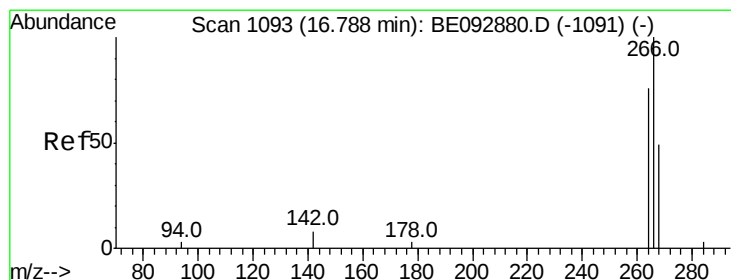
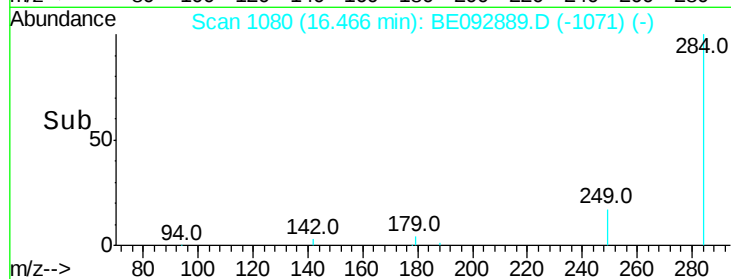
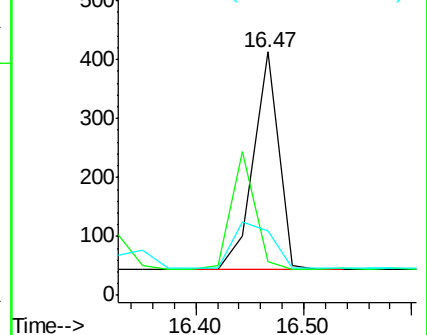
249 0.0 27.9 41.9#



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



#20

Pentachlorophenol

Concen: 0.41 ng

RT: 16.79 min Scan# 1094

Delta R.T. -0.02 min

Lab File: BE092889.D

Acq: 4 Apr 2017 17:49

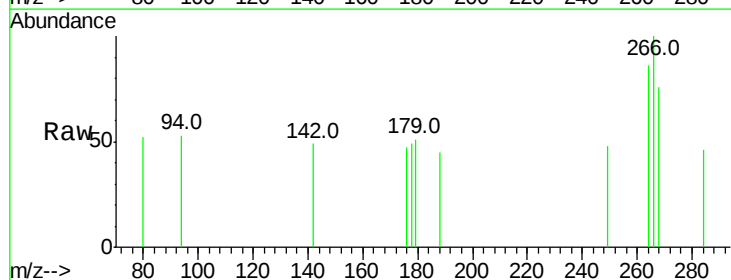
Tgt Ion:266 Resp: 117

Ion Ratio Lower Upper

266 100

268 76.3 62.5 93.7

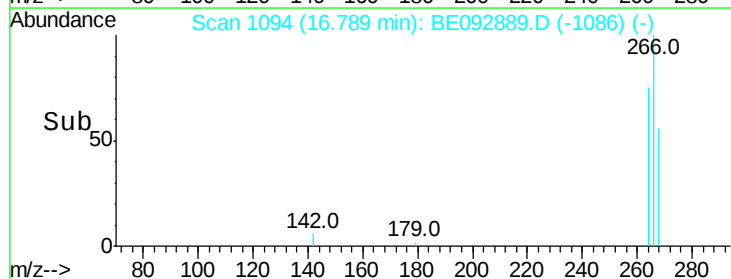
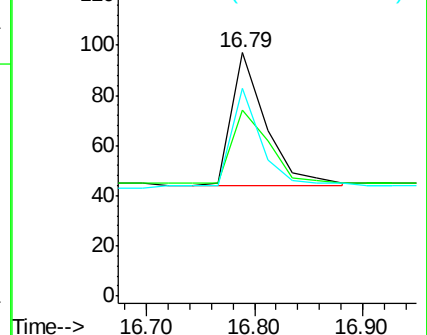
264 85.6 57.2 85.8

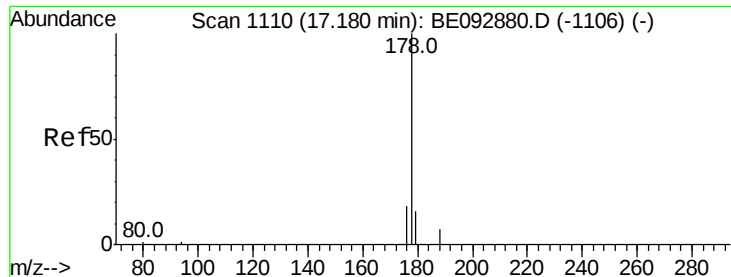


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

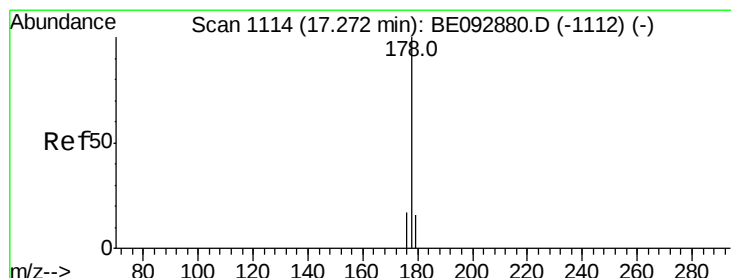
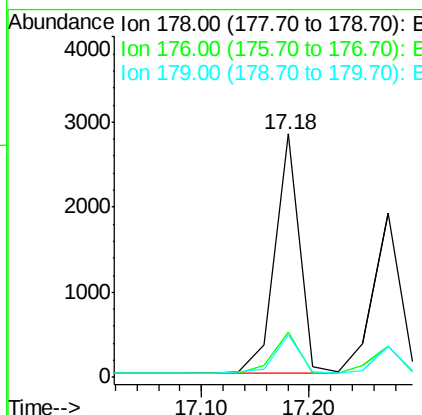
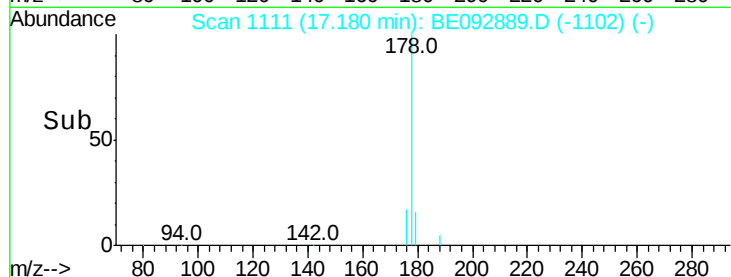
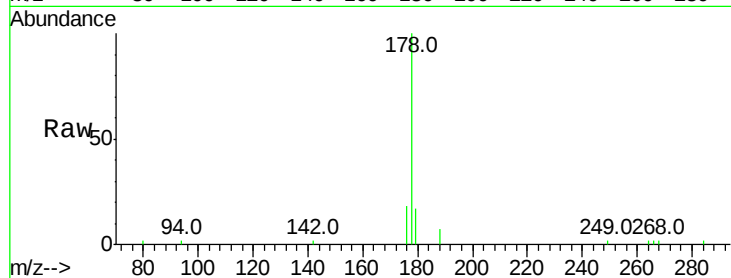




#21
Phenanthrene
Concen: 0.36 ng
RT: 17.18 min Scan# 1111
Delta R.T. 0.00 min
Lab File: BE092889.D
Acq: 4 Apr 2017 17:49

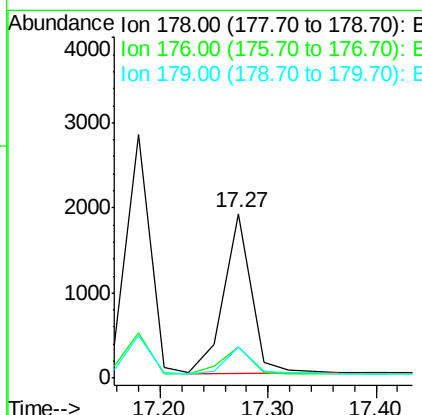
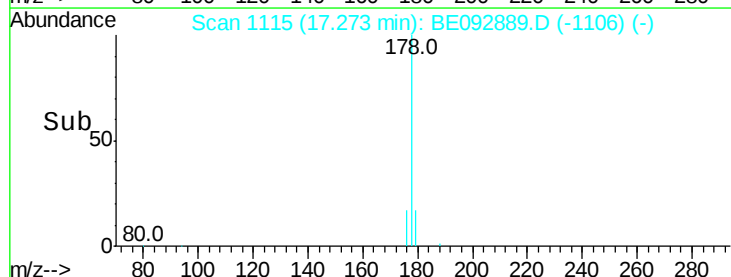
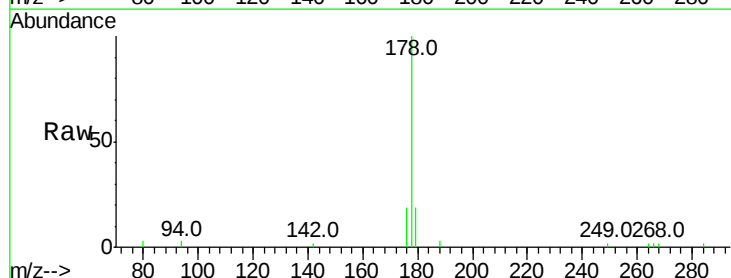
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

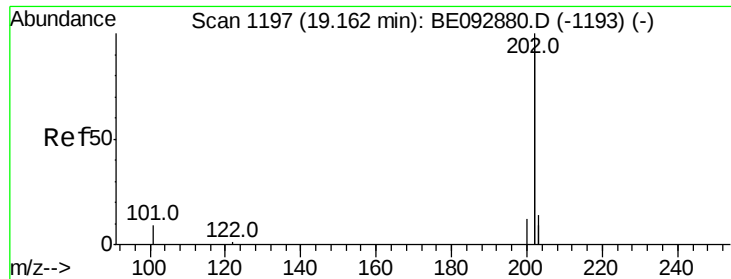
Tot Ion:178 Resp: 4477
Ion Ratio Lower Upper
178 100
176 18.4 15.8 23.8
179 16.2 16.0 24.0



#22
Anthracene
Concen: 0.33 ng
RT: 17.27 min Scan# 1115
Delta R.T. 0.00 min
Lab File: BE092889.D
Acq: 4 Apr 2017 17:49

Tgt Ion:178 Resp: 3309
Ion Ratio Lower Upper
178 100
176 17.9 15.0 22.4
179 16.1 12.2 18.2





#23

Fluoranthene

Concen: 0.36 ng

RT: 19.16 min Scan# 1198

Delta R.T. -0.02 min

Lab File: BE092889.D

Acq: 4 Apr 2017 17:49

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

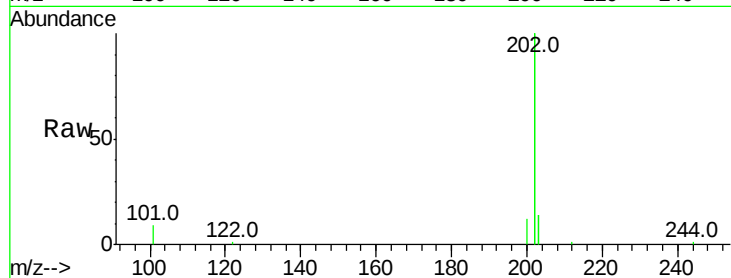
Tot Ion:202 Resp: 15952

Ion Ratio Lower Upper

202 100

101 3.2 2.2 3.4

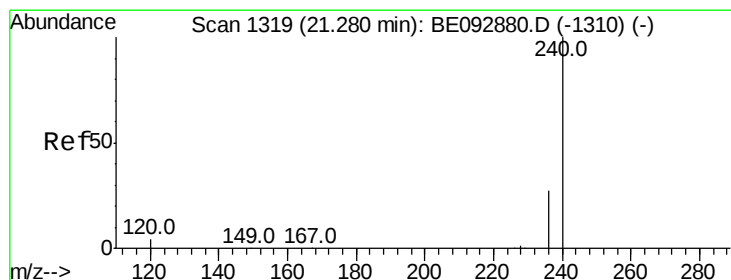
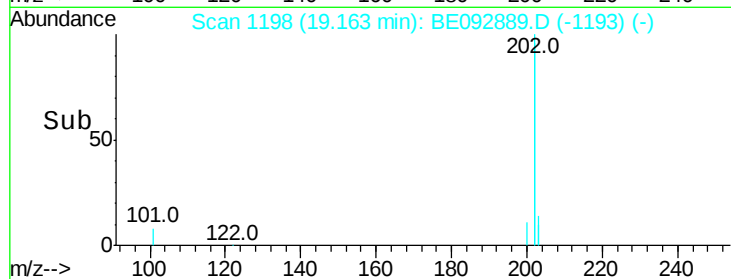
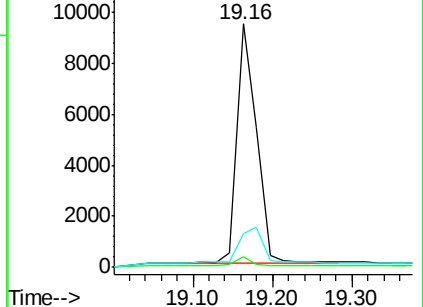
203 17.1 13.7 20.5



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



#24

Chrysene-d12

Concen: 5.00 ng

RT: 21.28 min Scan# 1320

Delta R.T. -0.02 min

Lab File: BE092889.D

Acq: 4 Apr 2017 17:49

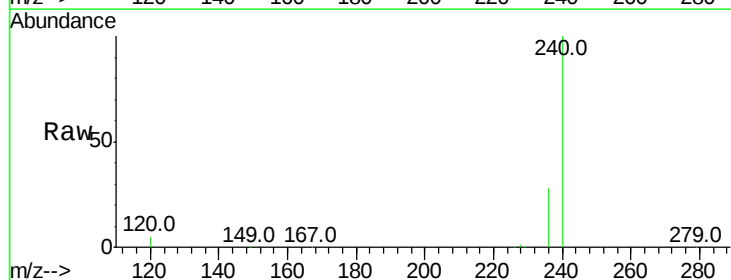
Tgt Ion:240 Resp: 49258

Ion Ratio Lower Upper

240 100

120 5.5 2.6 4.0#

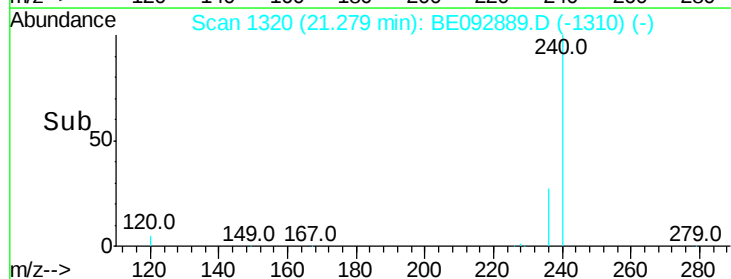
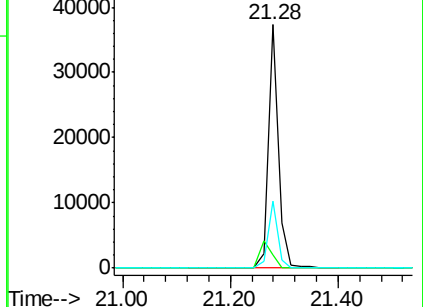
236 27.6 24.6 37.0

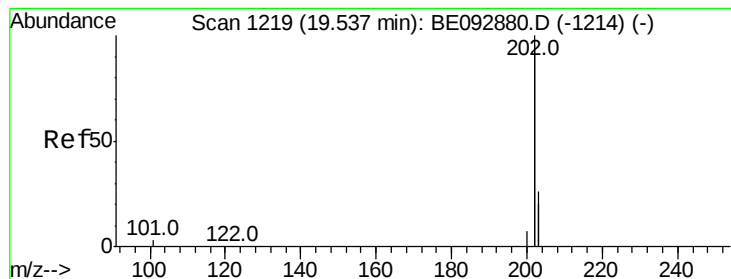


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#25

Pvrene

Concen: 0.40 ng

RT: 19.52 min Scan# 1219

Delta R.T. -0.02 min

Lab File: BE092889.D

Acq: 4 Apr 2017 17:49

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

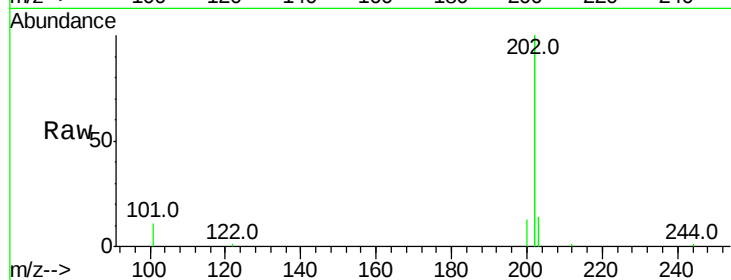
Tot Ion:202 Resp: 17419

Ion Ratio Lower Upper

202 100

200 5.0 4.2 6.4

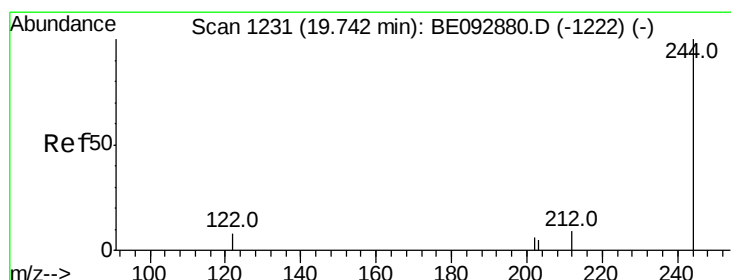
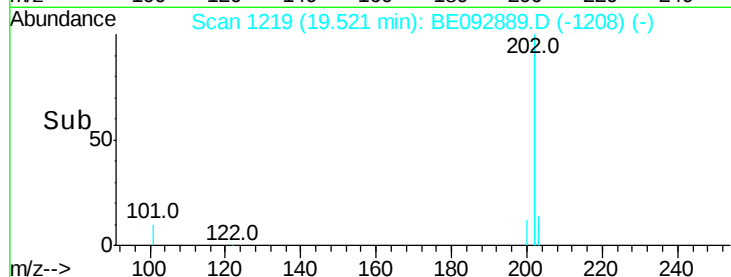
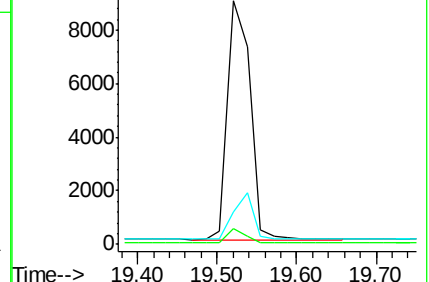
203 17.5 13.9 20.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#26

Terphenyl-d14

Concen: 0.39 ng

RT: 19.74 min Scan# 1232

Delta R.T. -0.02 min

Lab File: BE092889.D

Acq: 4 Apr 2017 17:49

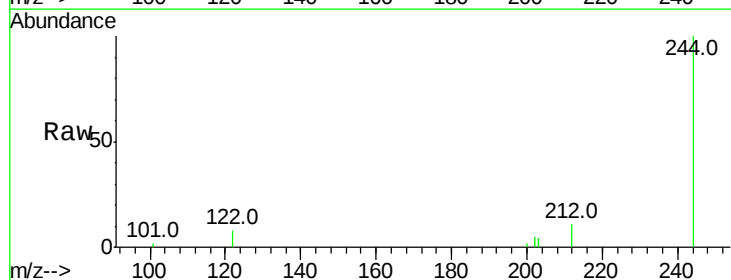
Tgt Ion:244 Resp: 2965

Ion Ratio Lower Upper

244 100

212 10.8 6.7 10.1#

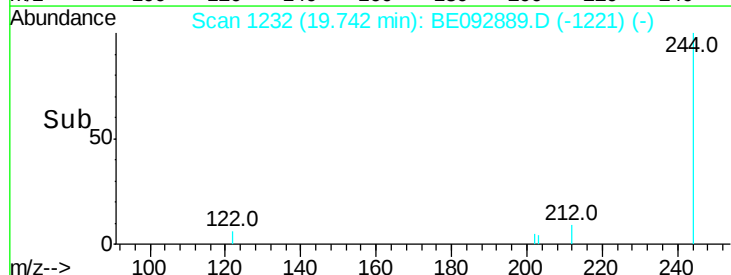
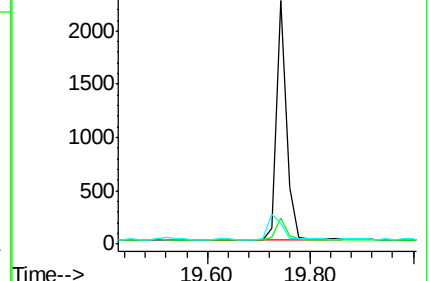
122 8.3 3.6 5.4#

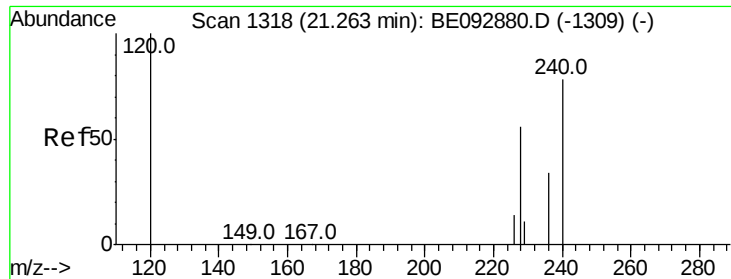


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#27

Benzo(a)anthracene

Concen: 0.36 ng

RT: 21.26 min Scan# 1319

Delta R.T. -0.00 min

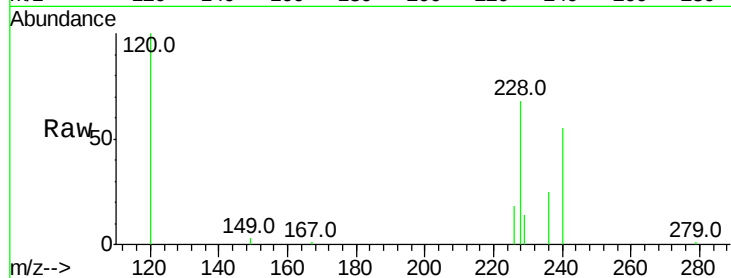
Lab File: BE092889.D

Acq: 4 Apr 2017 17:49

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:228 Resp: 3851

Ion	Ratio	Lower	Upper
228	100		
226	27.0	23.6	35.4
229	20.5	13.3	19.9

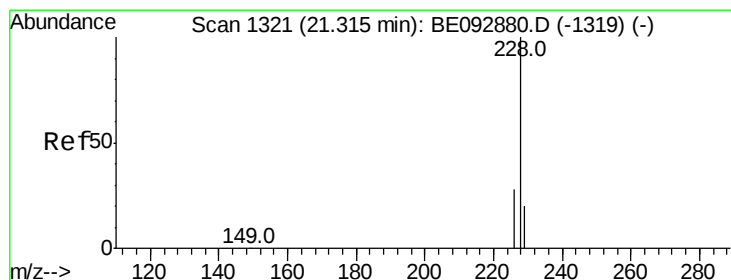
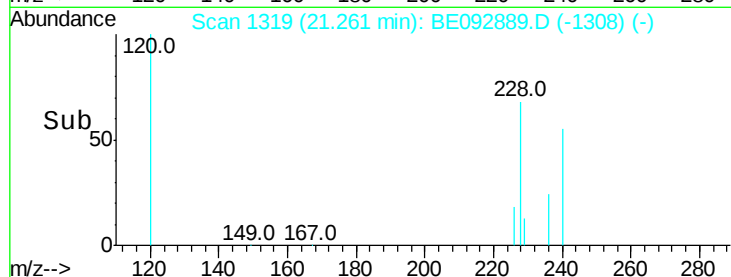
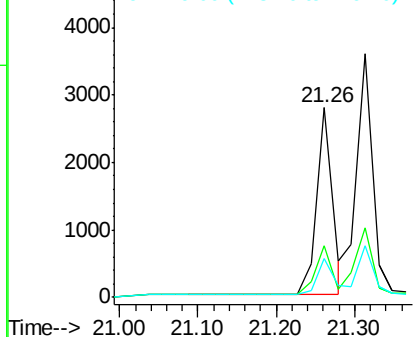


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#28

Chrysene

Concen: 0.41 ng

RT: 21.31 min Scan# 1322

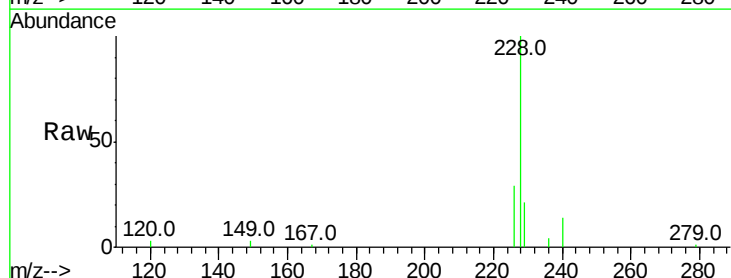
Delta R.T. -0.00 min

Lab File: BE092889.D

Acq: 4 Apr 2017 17:49

Tgt Ion:228 Resp: 5003

Ion	Ratio	Lower	Upper
228	100		
226	28.7	36.3	54.5
229	21.2	10.6	16.0

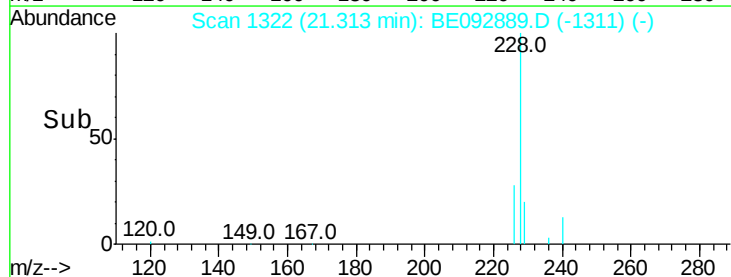
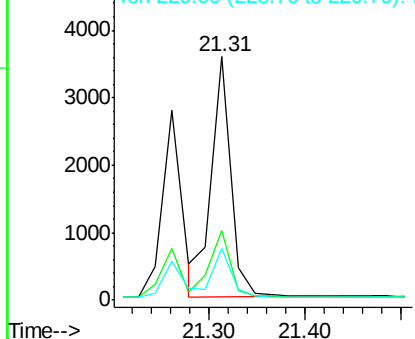


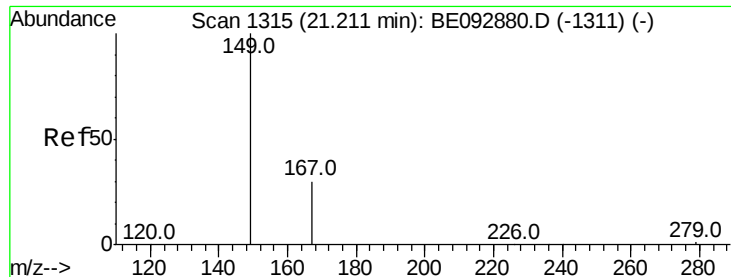
Abundance

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





#29

Bis(2-ethylhexyl)phthalate

Concen: 0.38 ng

RT: 21.21 min Scan# 1316

Delta R.T. -0.02 min

Lab File: BE092889.D

Acq: 4 Apr 2017 17:49

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

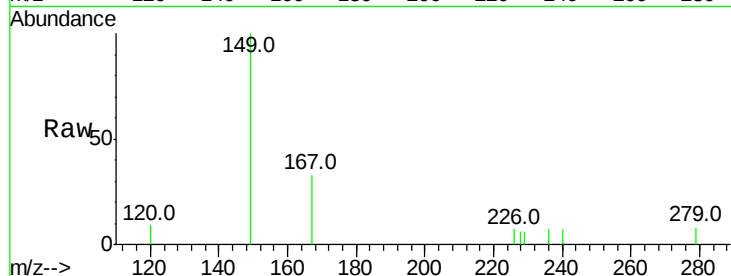
Tot Ion:149 Resp: 781

Ion Ratio Lower Upper

149 100

167 27.3 16.0 24.0#

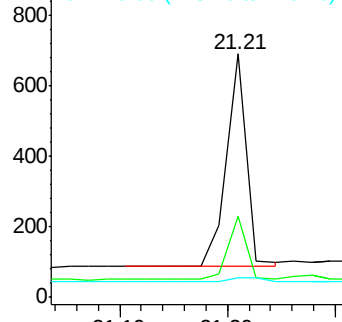
279 2.8 16.0 24.0#



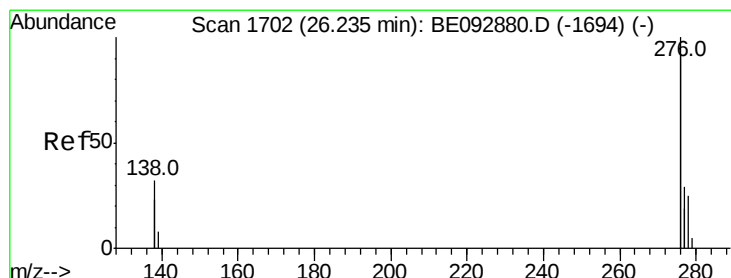
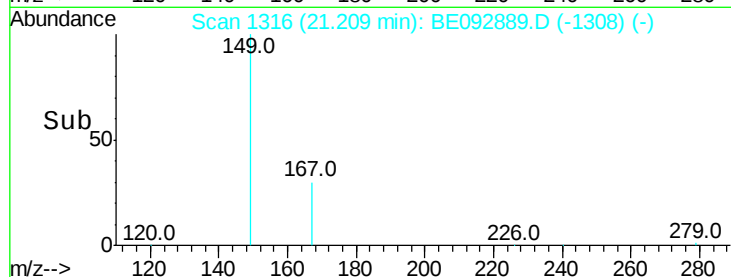
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->



#30

Indeno(1,2,3-cd)pyrene

Concen: 0.37 ng

RT: 26.24 min Scan# 1703

Delta R.T. -0.02 min

Lab File: BE092889.D

Acq: 4 Apr 2017 17:49

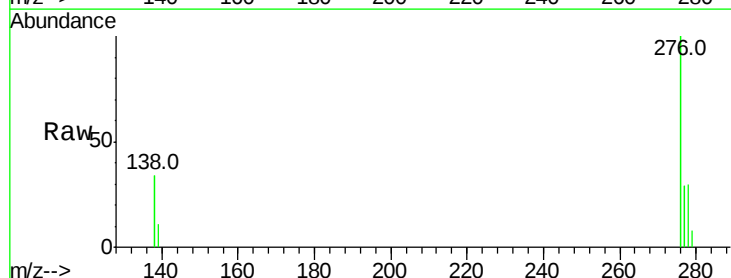
Tgt Ion:276 Resp: 15239

Ion Ratio Lower Upper

276 100

138 32.4 20.3 30.5#

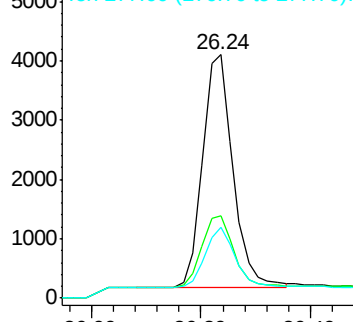
277 25.1 19.7 29.5



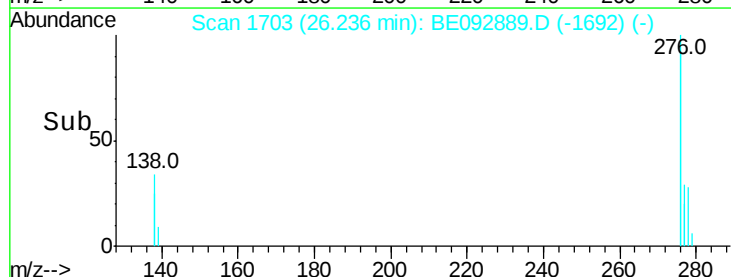
Abundance Ion 276.00 (275.70 to 276.70): E

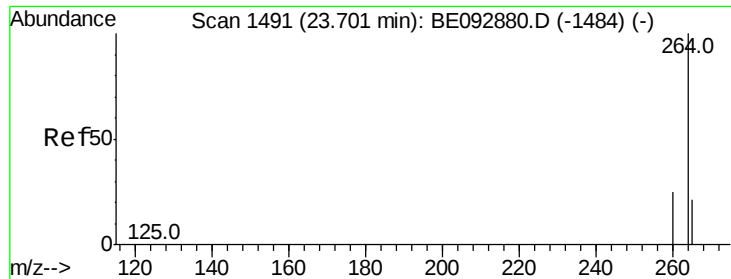
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



Time-->

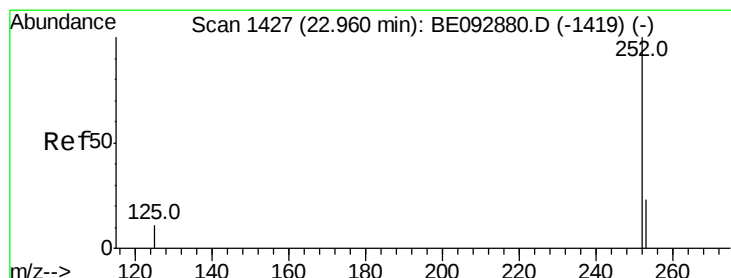
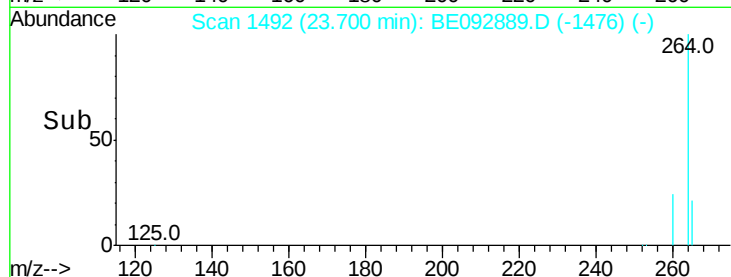
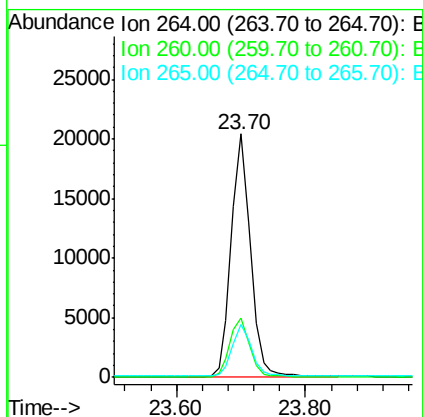
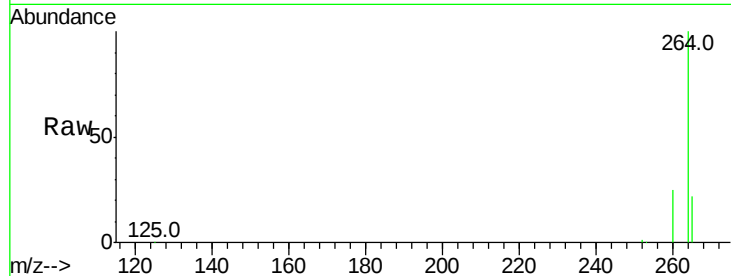




#31
Pervlene-d12
Concen: 5.00 ng
RT: 23.70 min Scan# 1492
Delta R.T. -0.01 min
Lab File: BE092889.D
Acq: 4 Apr 2017 17:49

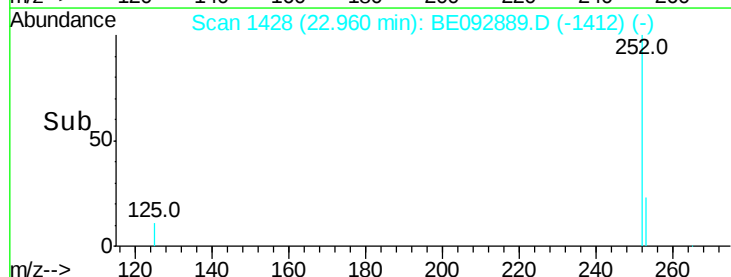
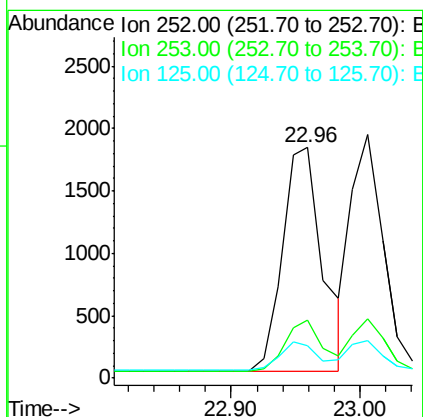
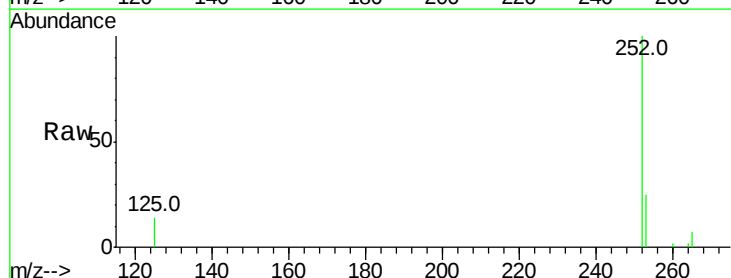
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

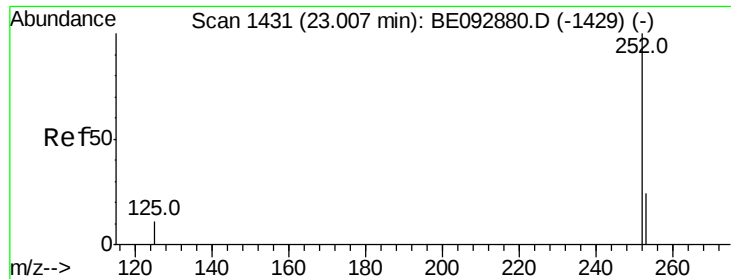
Tot Ion:264 Resp: 42033
Ion Ratio Lower Upper
264 100
260 24.5 20.1 30.1
265 21.8 17.9 26.9



#32
Benzo(b)fluoranthene
Concen: 0.38 ng
RT: 22.96 min Scan# 1428
Delta R.T. -0.01 min
Lab File: BE092889.D
Acq: 4 Apr 2017 17:49

Tgt Ion:252 Resp: 3904
Ion Ratio Lower Upper
252 100
253 25.2 18.7 28.1
125 13.9 10.5 15.7





#33

Benzo(k)fluoranthene

Concen: 0.36 ng/mL

RT: 23.01 min Scan# 1432

Delta R.T. -0.01 min

Lab File: BE092889.D

Acq: 4 Apr 2017 17:49

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

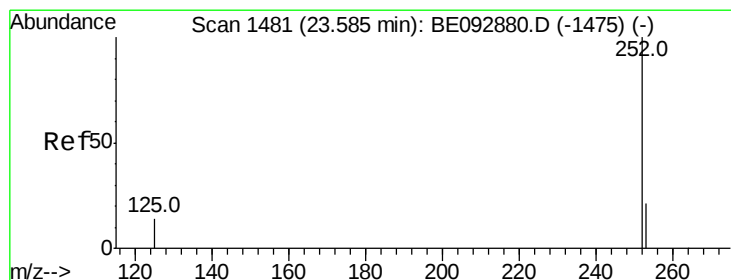
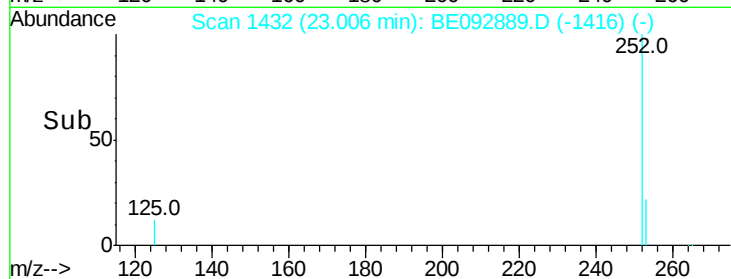
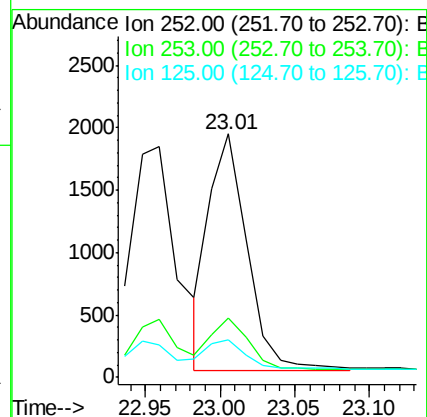
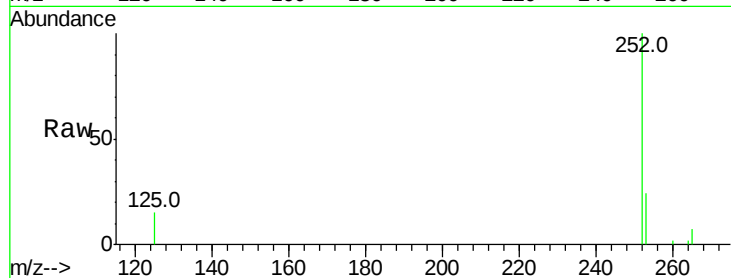
Tot Ion:252 Resp: 3407

Ion Ratio Lower Upper

252 100

253 24.3 20.3 30.5

125 15.2 9.6 14.4#



#34

Benzo(a)pyrene

Concen: 0.38 ng/mL

RT: 23.58 min Scan# 1482

Delta R.T. -0.01 min

Lab File: BE092889.D

Acq: 4 Apr 2017 17:49

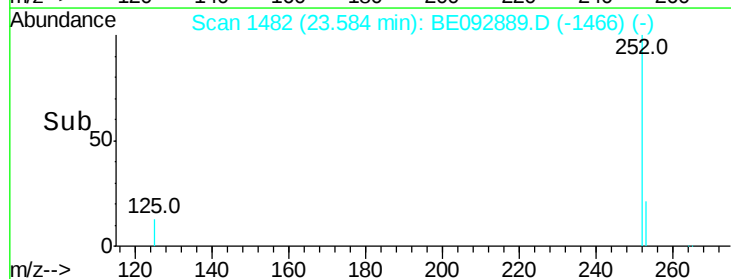
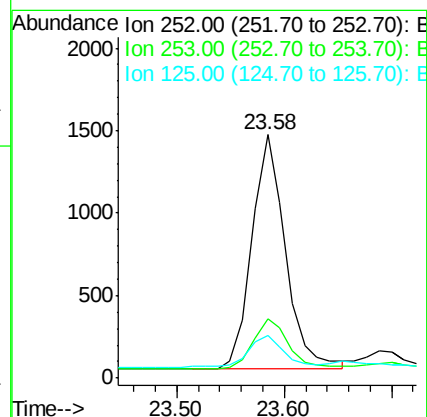
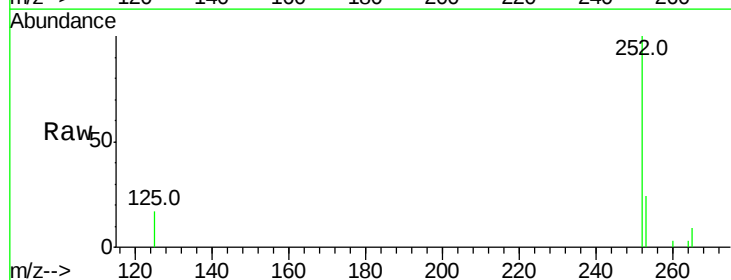
Tgt Ion:252 Resp: 3083

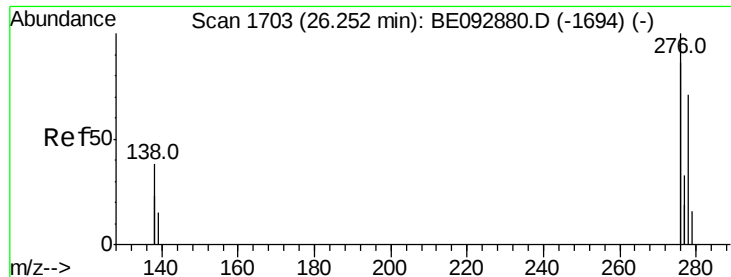
Ion Ratio Lower Upper

252 100

253 24.2 19.0 28.6

125 17.3 11.8 17.8





#35

Dibenzo(a,h)anthracene

Concen: 0.36 ng

RT: 26.25 min Scan# 1704

Delta R.T. -0.03 min

Lab File: BE092889.D

Acq: 4 Apr 2017 17:49

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

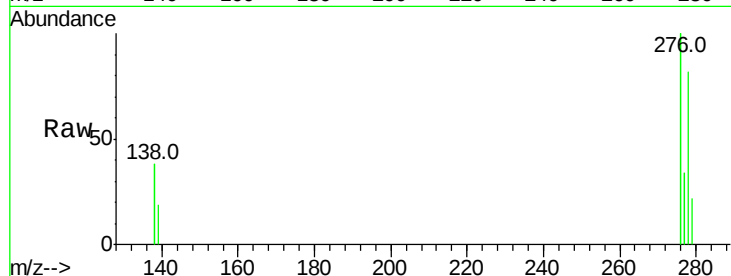
Tot Ion:278 Resp: 3360

Ion Ratio Lower Upper

278 100

139 23.5 13.8 20.8#

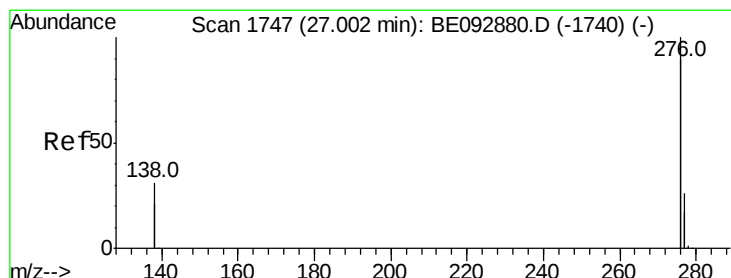
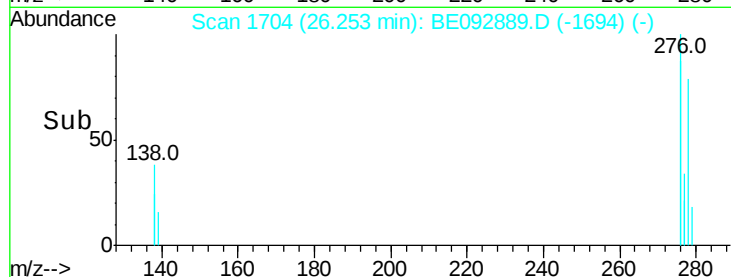
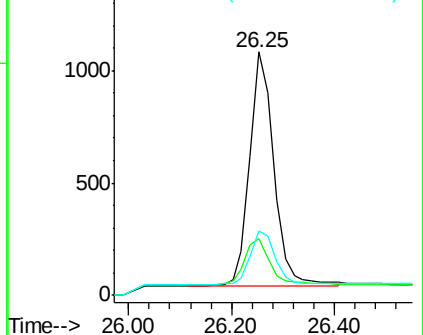
279 26.6 21.4 32.2



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



#36

Benzo(g,h,i)perylene

Concen: 0.36 ng

RT: 27.00 min Scan# 1748

Delta R.T. -0.02 min

Lab File: BE092889.D

Acq: 4 Apr 2017 17:49

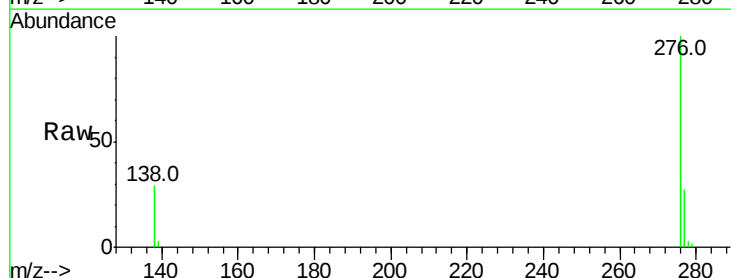
Tgt Ion:276 Resp: 13563

Ion Ratio Lower Upper

276 100

277 26.9 19.8 29.8

138 28.7 19.8 29.6



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

