

Data Path : Z:\HPCHEM1\BNA E\DATA\BE022017\
 Data File : BE092746.D
 Acq On : 20 Feb 2017 14:07
 Operator : SJ/MA
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Feb 20 18:20:38 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE021517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 15 17:05:20 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	8630	5.00	ng	0.00
7) Naphthalene-d8	10.89	136	41089	5.00	ng	0.00
12) Acenaphthene-d10	14.76	164	25756	5.00	ng	0.00
18) Phenanthrene-d10	17.51	188	54000	5.00	ng	0.00
24) Chrysene-d12	21.70	240	58047	5.00	ng	0.00
31) Perylene-d12	24.03	264	61055	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.65	112	537	0.32	ng	0.01
5) Phenol-d6	7.31	99	716	0.35	ng	0.00
8) Nitrobenzene-d5	9.32	82	858	0.38	ng	0.00
13) 2,4,6-Tribromophenol	16.30	330	192	0.35	ng	0.01
14) 2-Fluorobiphenyl	13.40	172	2565	0.41	ng	0.00
26) Terphenyl-d14	20.14	244	2964	0.40	ng	0.00

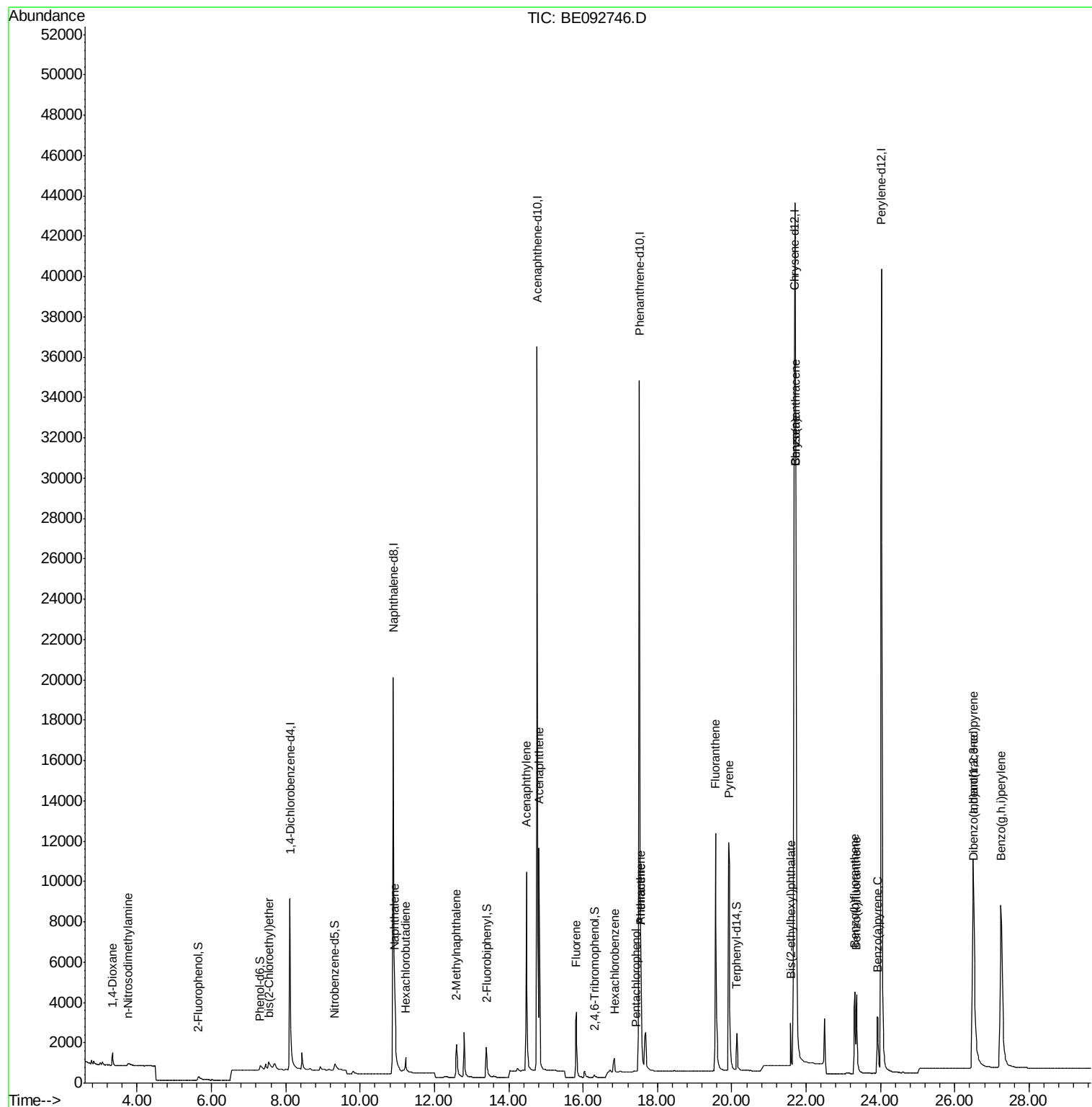
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.34	88	577	0.49	ng	90
3) n-Nitrosodimethylamine	3.76	42	331	0.41	ng	93
6) bis(2-Chloroethyl)ether	7.54	93	818	0.36	ng	# 80
9) Naphthalene	10.93	128	3702	0.42	ng	98
10) Hexachlorobutadiene	11.22	225	543	0.42	ng	99
11) 2-Methylnaphthalene	12.59	142	2182	0.39	ng	99
15) Acenaphthylene	14.47	152	15461	0.40	ng	100
16) Acenaphthene	14.82	154	2287	0.40	ng	87
17) Fluorene	15.82	166	2863	0.39	ng	99
19) Hexachlorobenzene	16.84	284	893	0.43	ng	# 39
20) Pentachlorophenol	17.42	266	70	0.37	ng	# 79
21) Phenanthrene	17.56	178	5199	0.41	ng	95
22) Anthracene	17.56	178	5199	0.44	ng	98
23) Fluoranthene	19.56	202	21367	0.39	ng	98
25) Pyrene	19.92	202	22341	0.40	ng	99
27) Benzo(a)anthracene	21.72	228	50814	0.90	ng	97
28) Chrysene	21.72	228	51016	0.76	ng	# 77
29) Bis(2-ethylhexyl)phthalate	21.59	149	2529	0.38	ng	# 75
30) Indeno(1,2,3-cd)pyrene	26.50	276	26474	0.41	ng	97
32) Benzo(b)fluoranthene	23.31	252	6203	0.42	ng	97
33) Benzo(k)fluoranthene	23.36	252	6209	0.37	ng	99
34) Benzo(a)pyrene	23.91	252	5466	0.35	ng	99
35) Dibenzo(a,h)anthracene	26.51	278	5463	0.36	ng	# 96
36) Benzo(g,h,i)perylene	27.25	276	23915	0.38	ng	98

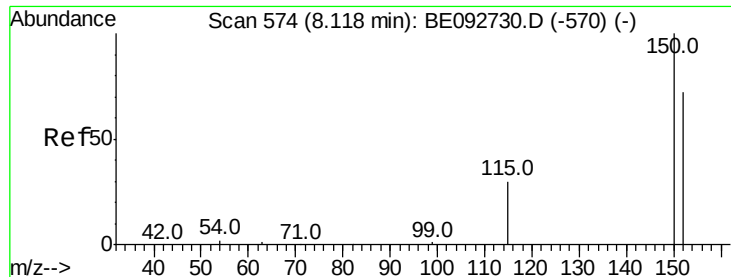
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA E\DATA\BE022017\
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Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampled :
SSTDCCC0.4

Quant Time: Feb 20 18:20:38 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE021517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 15 17:05:20 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.12 min Scan# 574

Delta R.T. 0.00 min

Lab File: BE092746.D

Acq: 20 Feb 2017 14:07

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

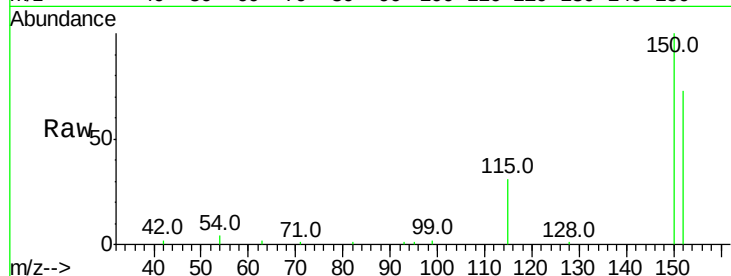
Tot Ion:152 Resp: 8630

Ion Ratio Lower Upper

152 100

150 136.7 106.0 159.0

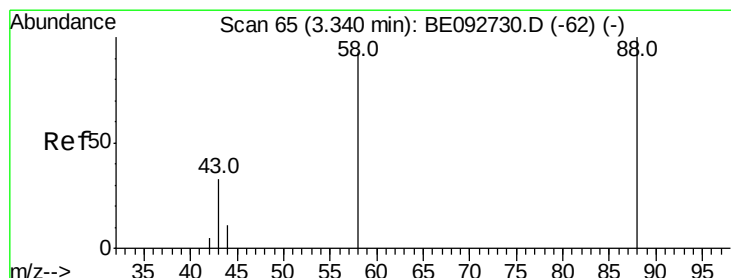
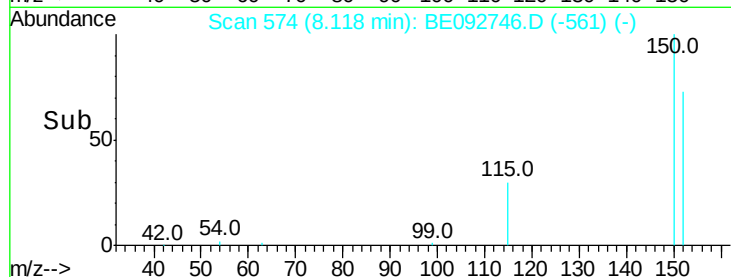
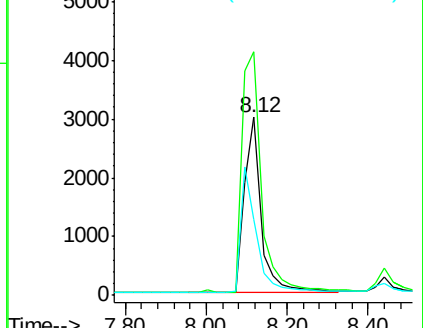
115 42.7 31.2 46.8



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: 0.49 ng

RT: 3.34 min Scan# 65

Delta R.T. 0.00 min

Lab File: BE092746.D

Acq: 20 Feb 2017 14:07

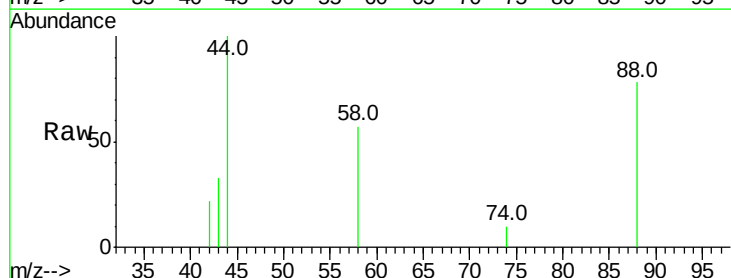
Tgt Ion: 88 Resp: 577

Ion Ratio Lower Upper

88 100

58 69.7 63.6 95.4

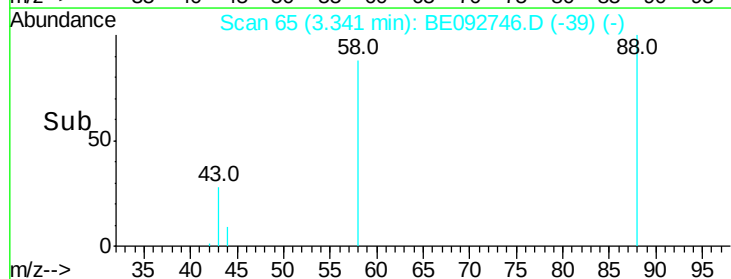
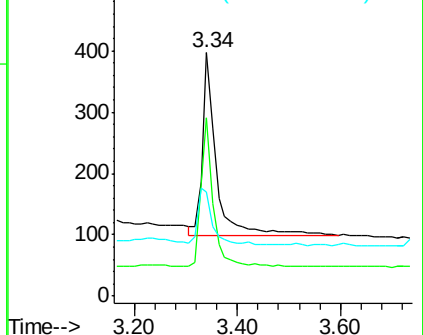
43 31.0 28.0 42.0

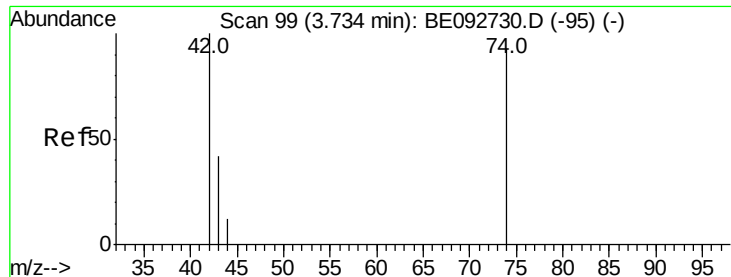


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



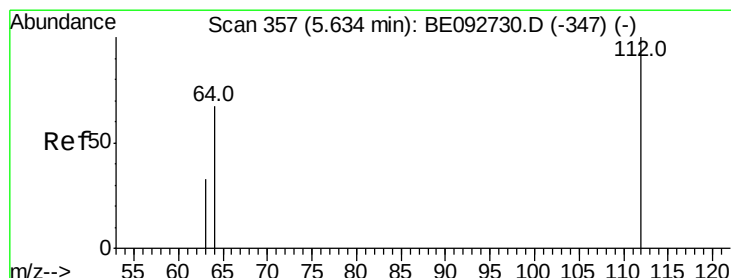
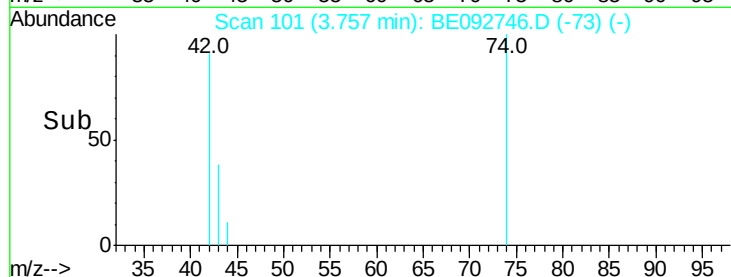
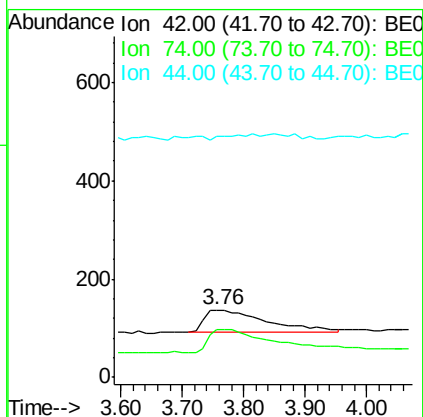
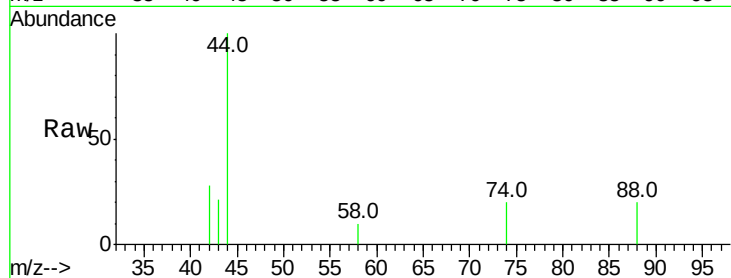


#3

n-Nitrosodimethylamine
 Concen: 0.41 ng
 RT: 3.76 min Scan# 101
 Delta R.T. 0.02 min
 Lab File: BE092746.D
 Acq: 20 Feb 2017 14:07

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

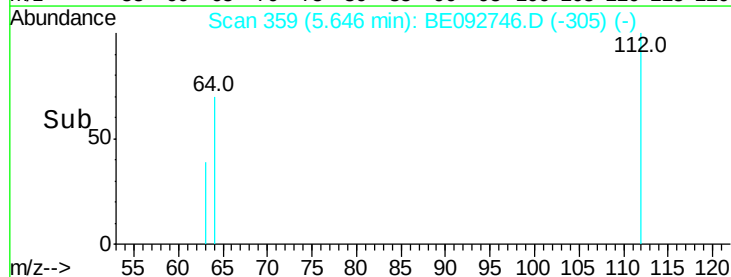
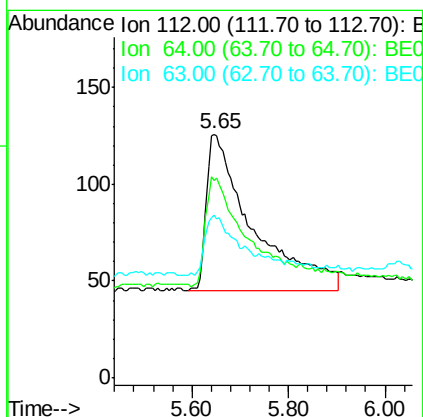
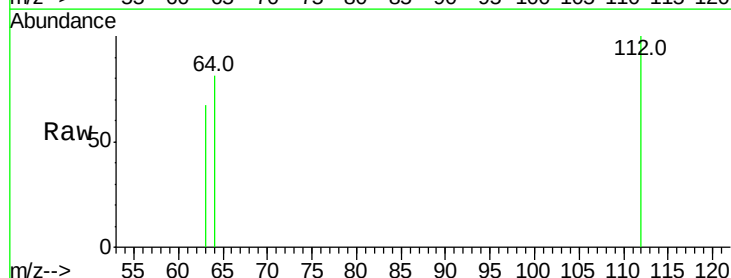
Tot Ion: 42 Resp: 331
 Ion Ratio Lower Upper
 42 100
 74 114.8 86.0 129.0
 44 5.7 5.1 7.7

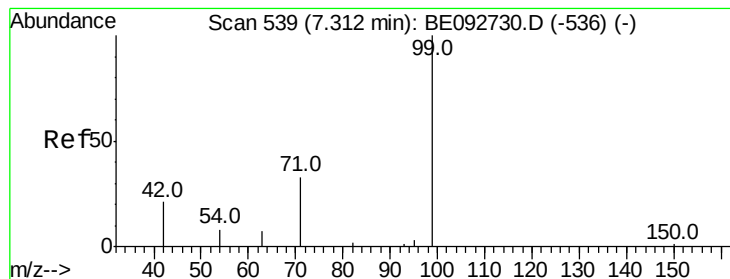


#4

2-Fluorophenol
 Concen: 0.32 ng
 RT: 5.65 min Scan# 359
 Delta R.T. 0.01 min
 Lab File: BE092746.D
 Acq: 20 Feb 2017 14:07

Tgt Ion: 112 Resp: 537
 Ion Ratio Lower Upper
 112 100
 64 62.2 53.5 80.3
 63 26.3 27.9 41.9#





#5

Phenol-d6

Concen: 0.35 ng

RT: 7.31 min Scan# 539

Delta R.T. 0.00 min

Lab File: BE092746.D

Acq: 20 Feb 2017 14:07

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

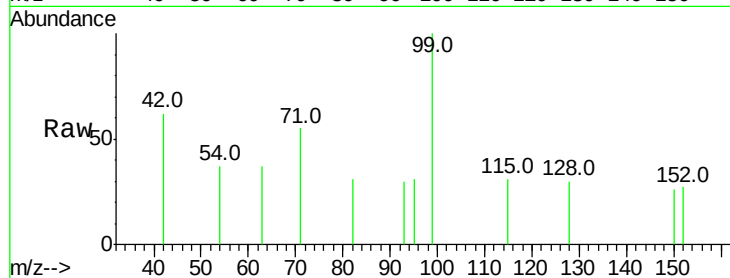
Tot Ion: 99 Resp: 716

Ion Ratio Lower Upper

99 100

42 27.2 16.0 24.0#

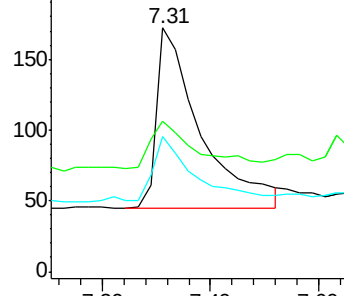
71 35.9 30.6 45.8



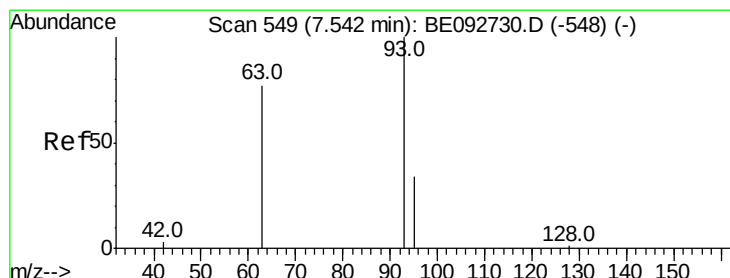
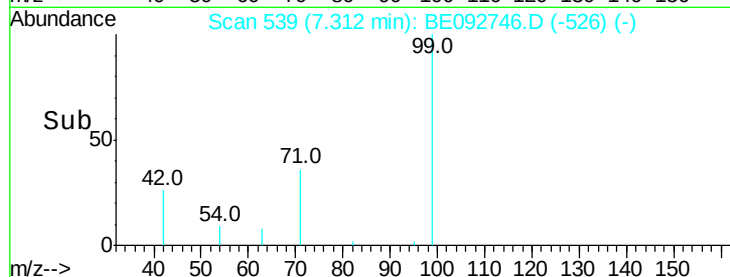
Abundance Ion 99.00 (98.70 to 99.70): BE0

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: 0.36 ng

RT: 7.54 min Scan# 549

Delta R.T. 0.00 min

Lab File: BE092746.D

Acq: 20 Feb 2017 14:07

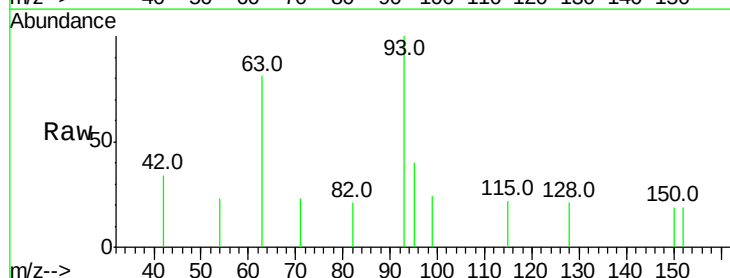
Tgt Ion: 93 Resp: 818

Ion Ratio Lower Upper

93 100

63 65.3 71.6 107.4#

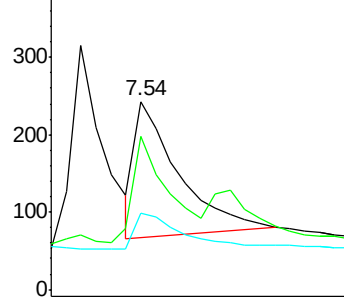
95 29.3 24.0 36.0



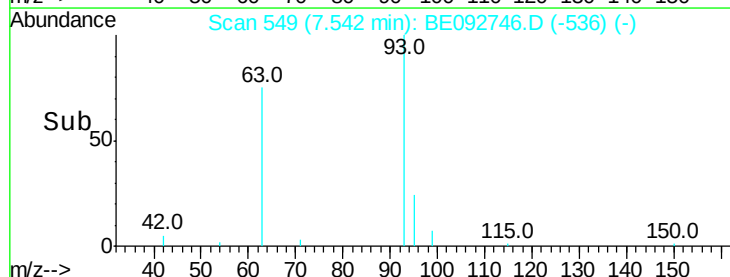
Abundance Ion 93.00 (92.70 to 93.70): BE0

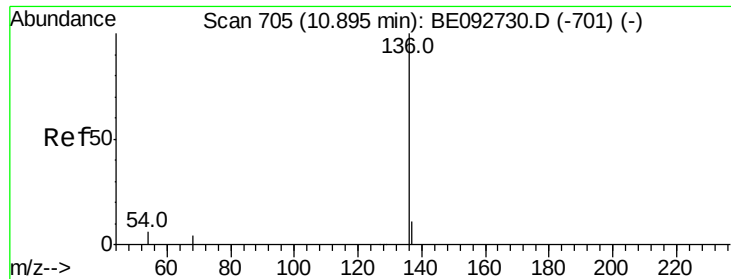
Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0



Time-->





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.89 min Scan# 705

Delta R.T. -0.00 min

Lab File: BE092746.D

Acq: 20 Feb 2017 14:07

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tot Ion:136 Resp: 41089

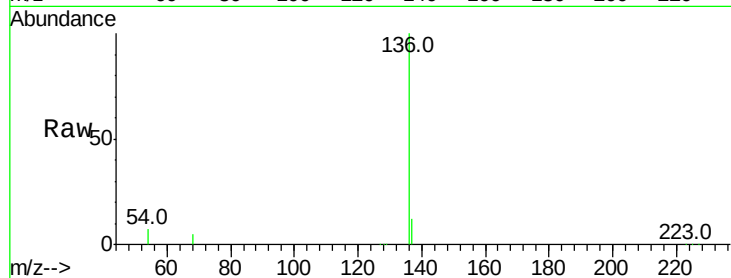
Ion Ratio Lower Upper

136 100

137 11.7 8.2 12.4

54 6.5 9.6 14.4#

68 4.9 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

25000

20000

15000

10000

5000

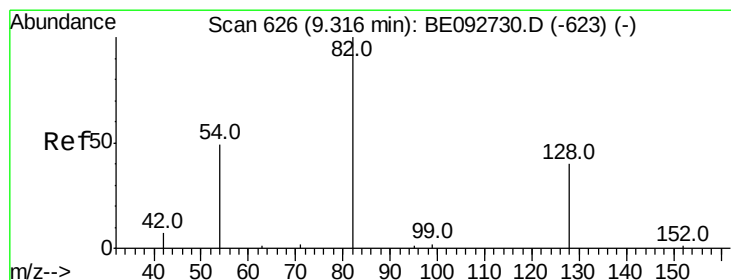
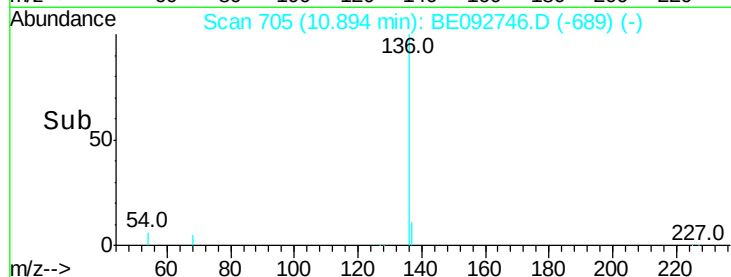
0

Time-->

10.80

11.00

11.20



#8

Nitrobenzene-d5

Concen: 0.38 ng

RT: 9.32 min Scan# 626

Delta R.T. 0.00 min

Lab File: BE092746.D

Acq: 20 Feb 2017 14:07

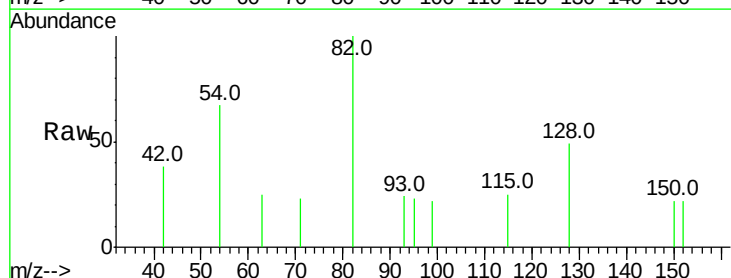
Tgt Ion: 82 Resp: 858

Ion Ratio Lower Upper

82 100

128 48.6 39.0 58.4

54 66.7 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

300

250

200

150

100

50

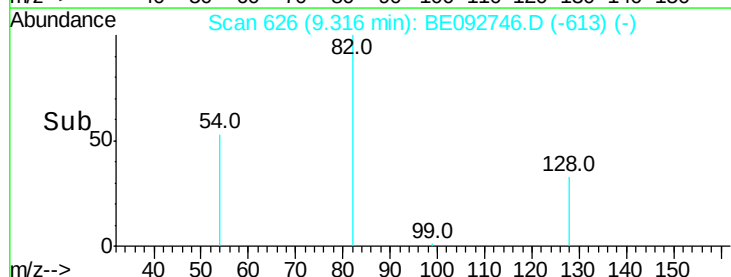
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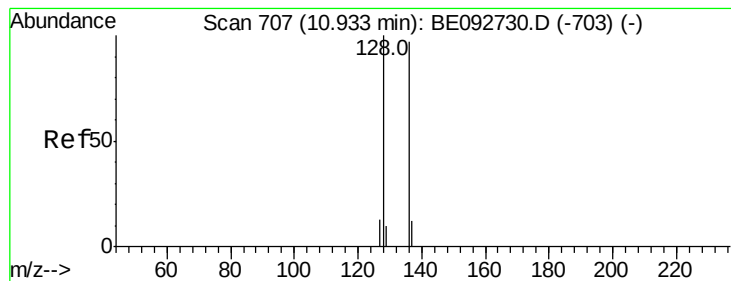
Time-->

9.20

9.40

9.60





#9

Naphthalene

Concen: 0.42 ng

RT: 10.93 min Scan# 707

Delta R.T. -0.00 min

Lab File: BE092746.D

Acq: 20 Feb 2017 14:07

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

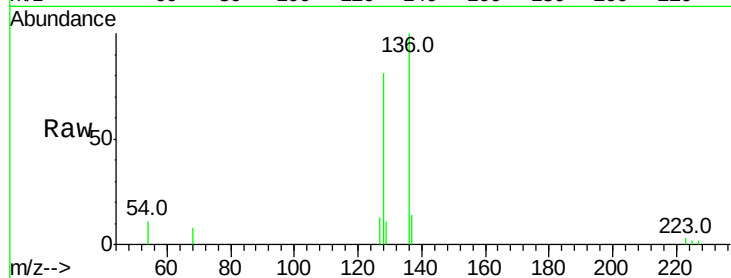
Tot Ion:128 Resp: 3702

Ion Ratio Lower Upper

128 100

129 13.6 11.2 16.8

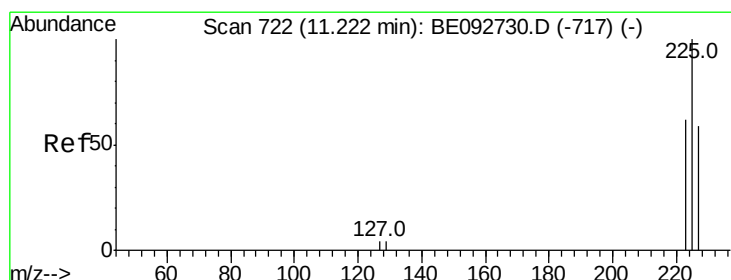
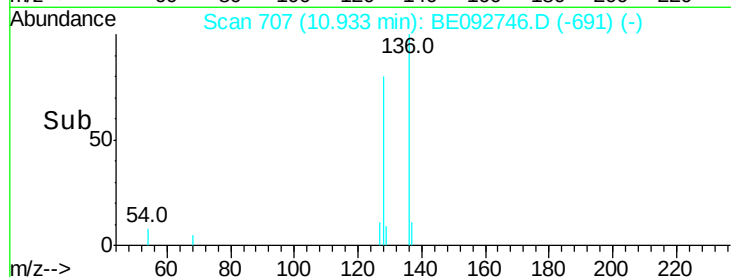
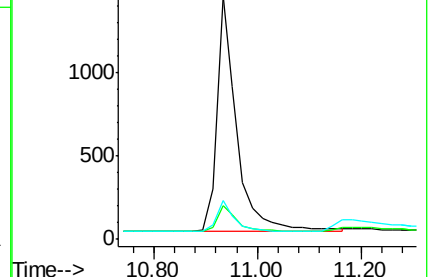
127 16.0 11.6 17.4



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: 0.42 ng

RT: 11.22 min Scan# 722

Delta R.T. -0.00 min

Lab File: BE092746.D

Acq: 20 Feb 2017 14:07

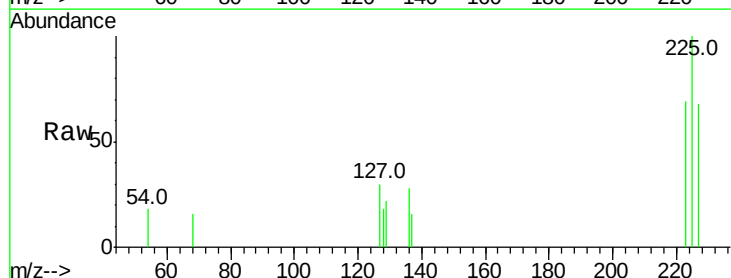
Tgt Ion:225 Resp: 543

Ion Ratio Lower Upper

225 100

223 62.6 50.6 76.0

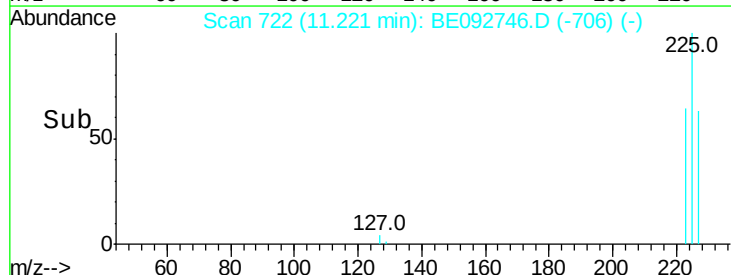
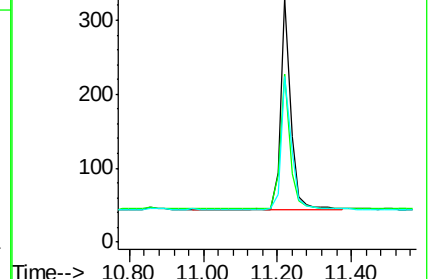
227 65.0 51.4 77.0

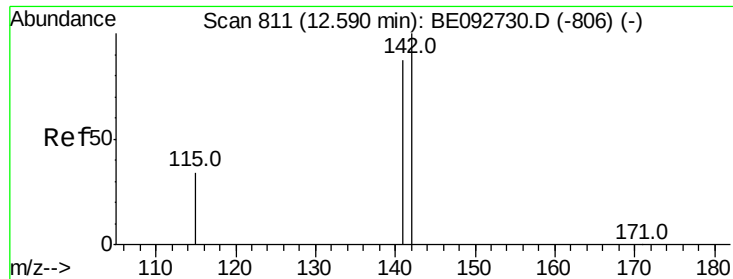


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

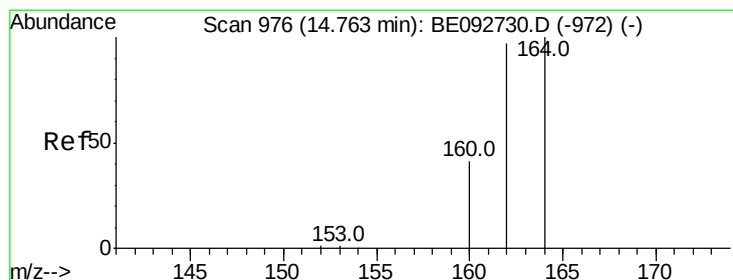
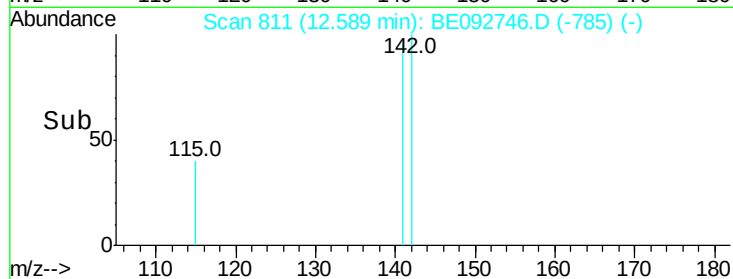
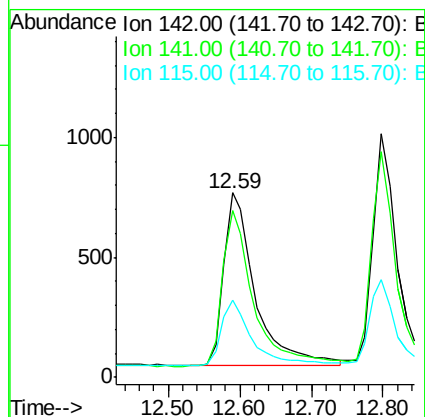
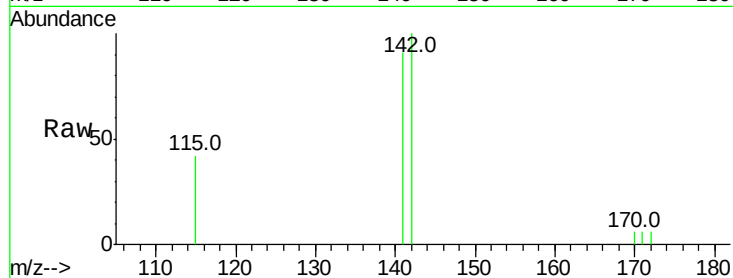




#11
2-Methylnaphthalene
Concen: 0.39 ng
RT: 12.59 min Scan# 811
Delta R.T. -0.00 min
Lab File: BE092746.D
Acq: 20 Feb 2017 14:07

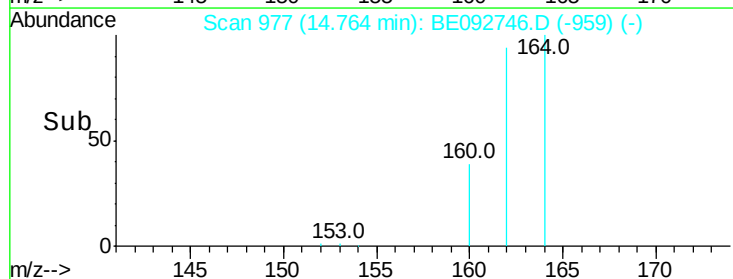
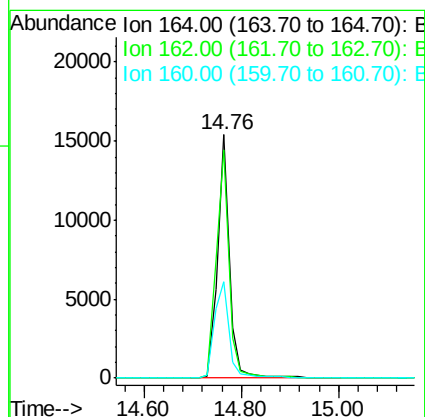
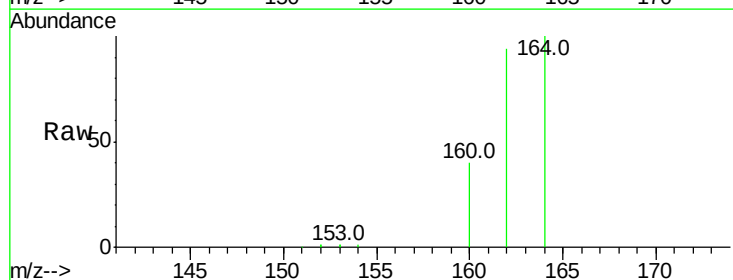
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

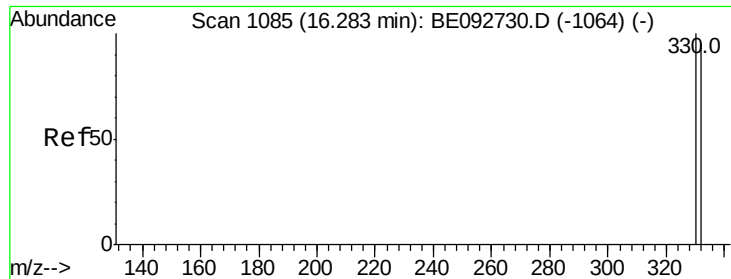
Tot Ion:142 Resp: 2182
Ion Ratio Lower Upper
142 100
141 90.6 73.7 110.5
115 42.1 34.0 51.0



#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.76 min Scan# 977
Delta R.T. 0.00 min
Lab File: BE092746.D
Acq: 20 Feb 2017 14:07

Tgt Ion:164 Resp: 25756
Ion Ratio Lower Upper
164 100
162 93.9 71.4 107.0
160 39.5 27.4 41.2

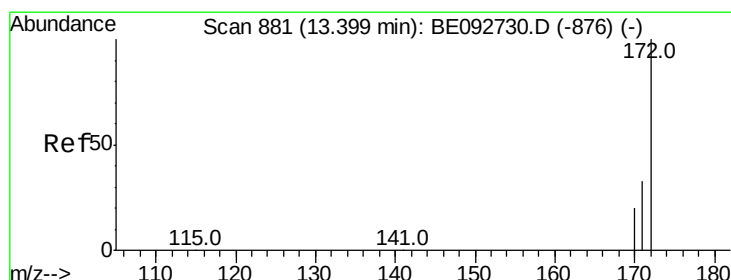
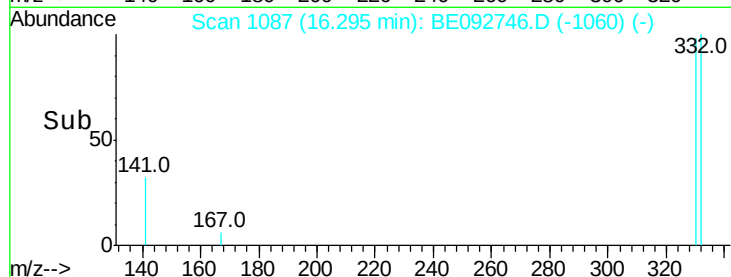
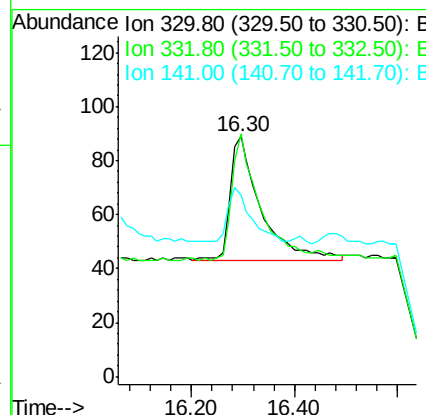
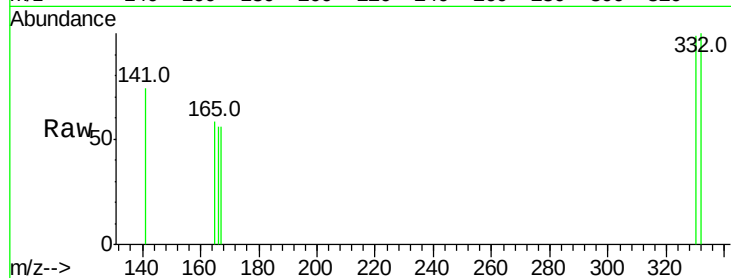




#13
2,4,6-Tribromophenol
Concen: 0.35 ng
RT: 16.30 min Scan# 1087
Delta R.T. 0.01 min
Lab File: BE092746.D
Acq: 20 Feb 2017 14:07

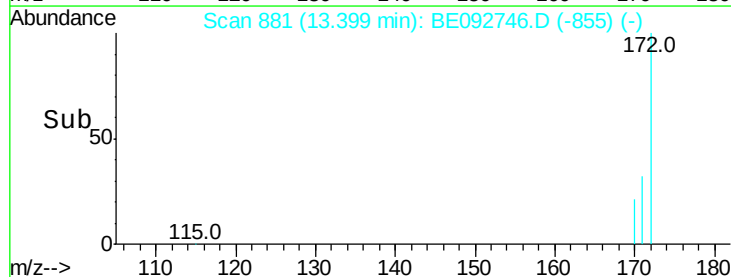
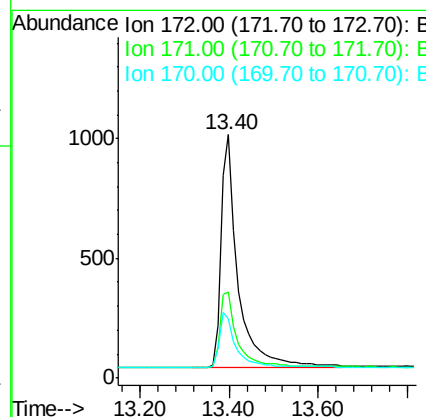
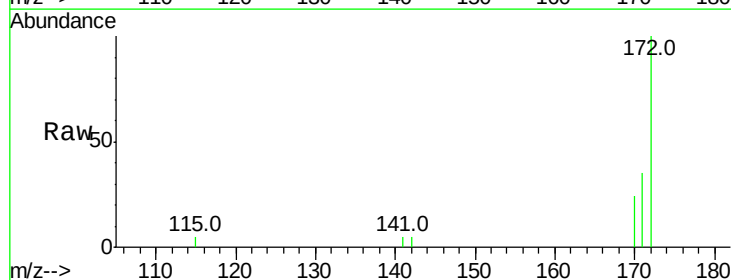
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

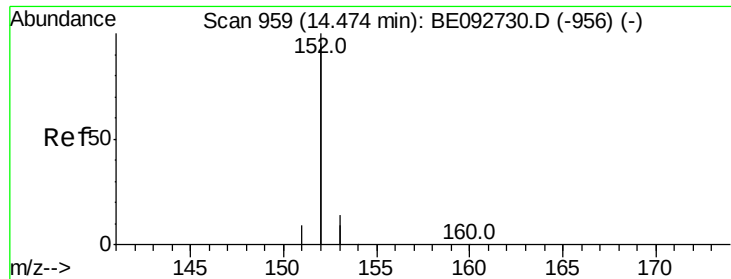
Tot Ion:330 Resp: 192
Ion Ratio Lower Upper
330 100
332 91.1 75.4 113.0
141 31.3 31.0 46.6



#14
2-Fluorobiphenyl
Concen: 0.41 ng
RT: 13.40 min Scan# 881
Delta R.T. -0.00 min
Lab File: BE092746.D
Acq: 20 Feb 2017 14:07

Tgt Ion:172 Resp: 2565
Ion Ratio Lower Upper
172 100
171 35.3 30.1 45.1
170 24.2 21.8 32.6





#15

Acenaphthylene

Concen: 0.40 ng

RT: 14.47 min Scan# 960

Delta R.T. 0.00 min

Lab File: BE092746.D

Acq: 20 Feb 2017 14:07

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

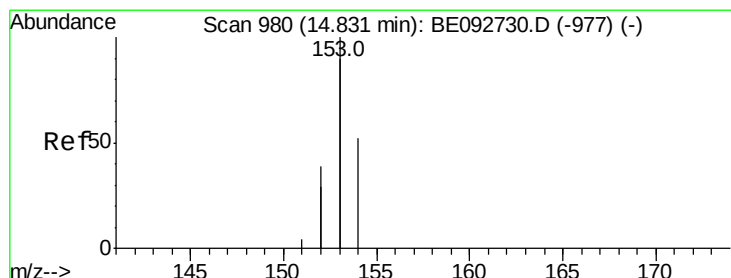
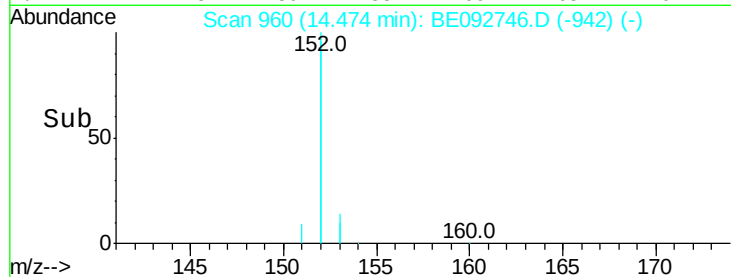
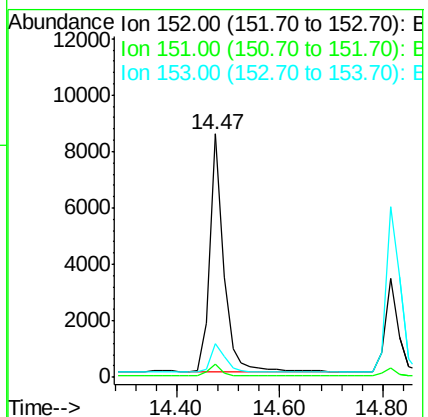
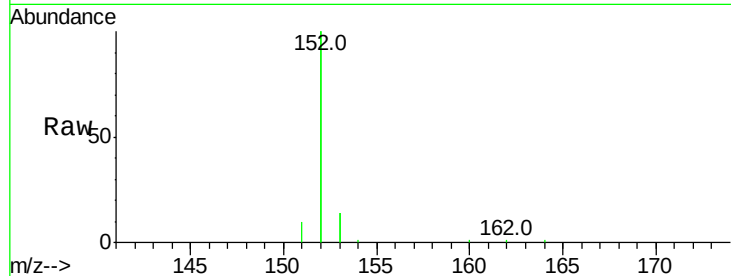
Tot Ion:152 Resp: 15461

Ion Ratio Lower Upper

152 100

151 4.8 3.9 5.9

153 12.9 10.4 15.6



#16

Acenaphthene

Concen: 0.40 ng

RT: 14.82 min Scan# 980

Delta R.T. -0.02 min

Lab File: BE092746.D

Acq: 20 Feb 2017 14:07

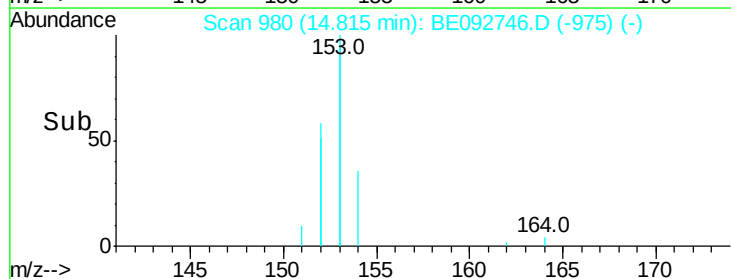
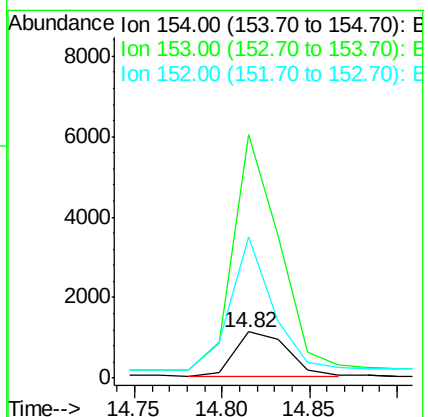
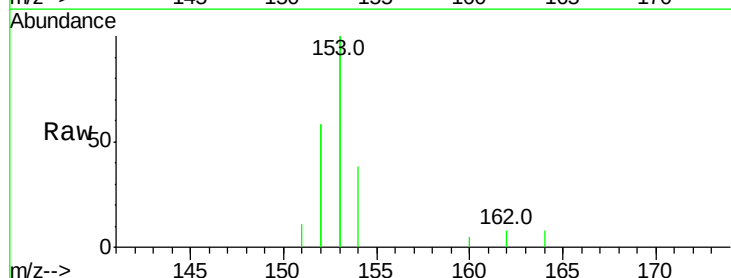
Tgt Ion:154 Resp: 2287

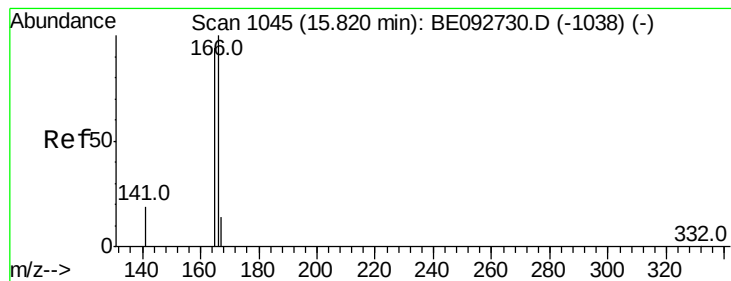
Ion Ratio Lower Upper

154 100

153 467.2 350.8 526.2

152 242.0 171.1 256.7





#17

Fluorene

Concen: 0.39 ng

RT: 15.82 min Scan# 1046

Delta R.T. 0.00 min

Lab File: BE092746.D

Acq: 20 Feb 2017 14:07

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

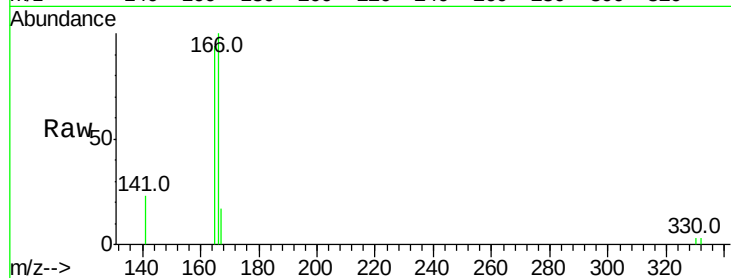
Tot Ion:166 Resp: 2863

Ion Ratio Lower Upper

166 100

165 99.4 78.2 117.4

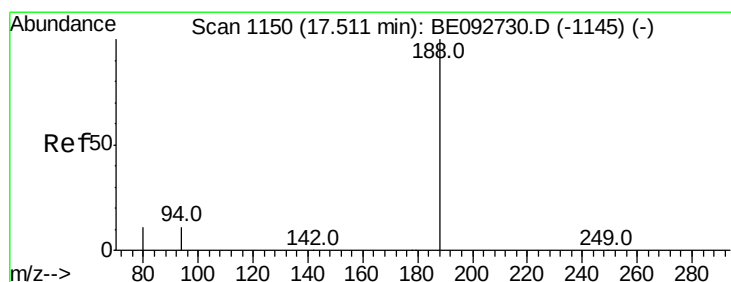
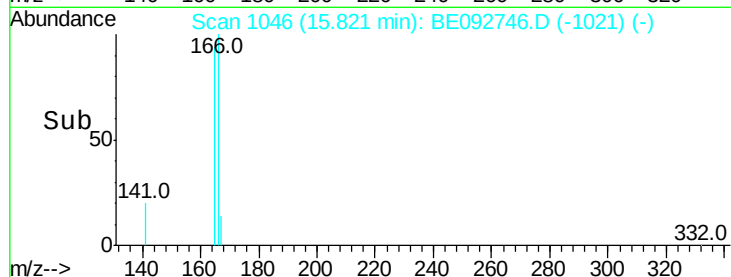
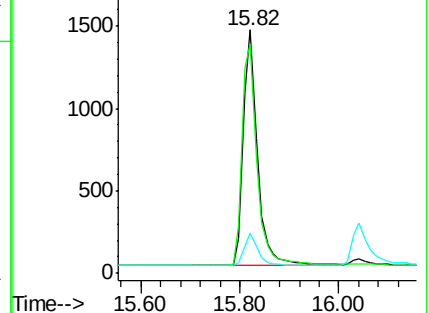
167 13.4 11.0 16.4



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.51 min Scan# 1151

Delta R.T. 0.00 min

Lab File: BE092746.D

Acq: 20 Feb 2017 14:07

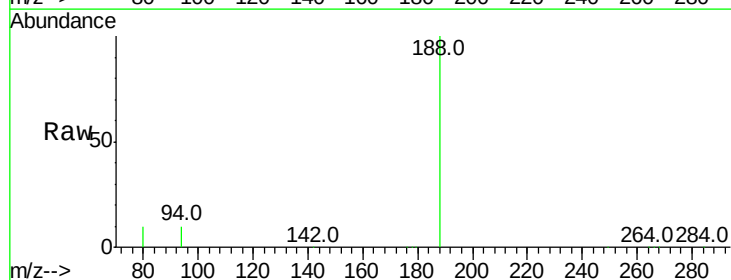
Tgt Ion:188 Resp: 54000

Ion Ratio Lower Upper

188 100

94 10.5 3.2 4.8#

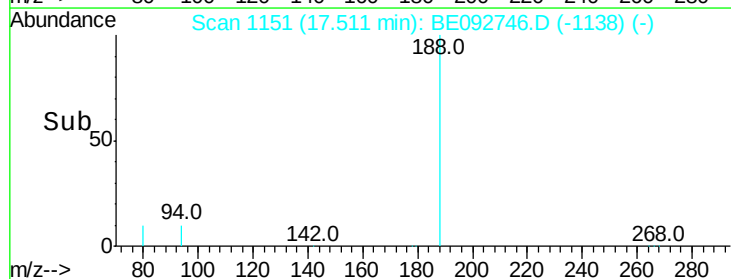
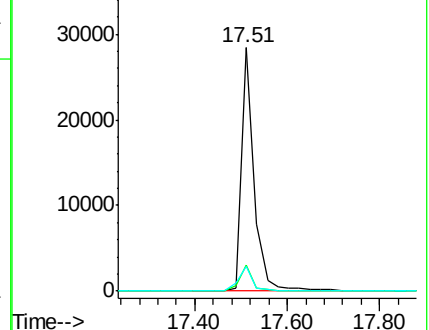
80 10.2 2.6 3.8#

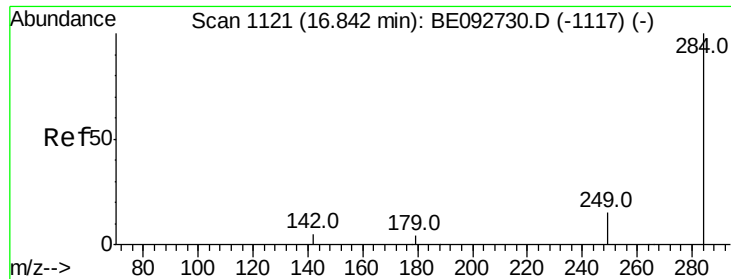


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0

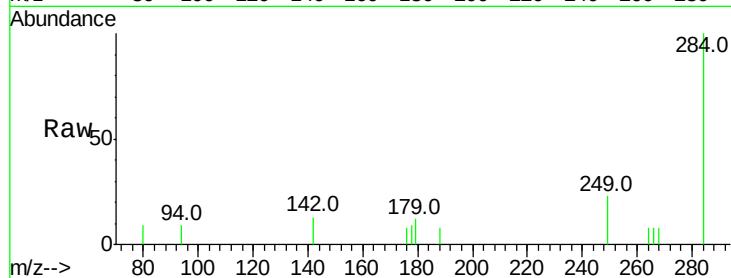




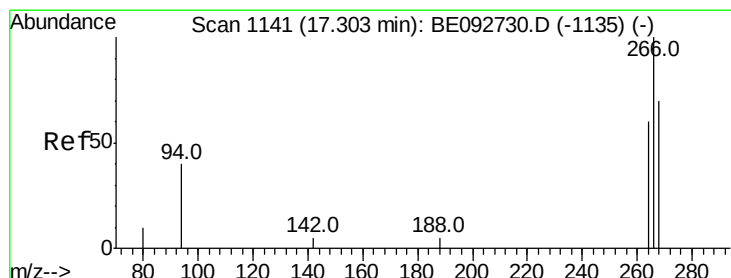
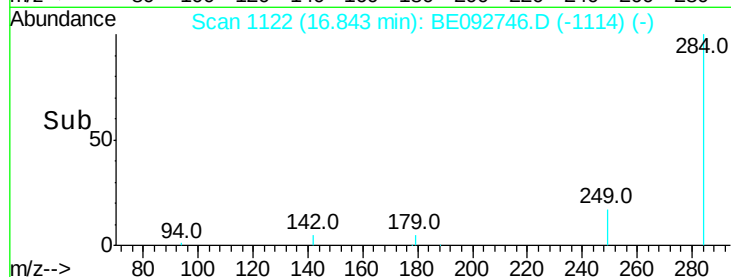
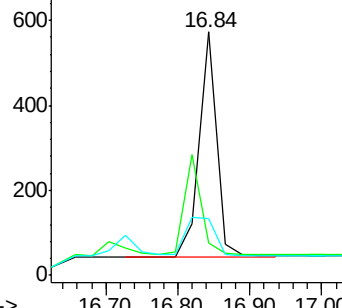
#19
Hexachlorobenzene
Concen: 0.43 ng
RT: 16.84 min Scan# 1122
Delta R.T. 0.00 min
Lab File: BE092746.D
Acq: 20 Feb 2017 14:07

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion:284 Resp: 893
Ion Ratio Lower Upper
284 100
142 0.0 29.1 43.7#
249 0.0 27.9 41.9#

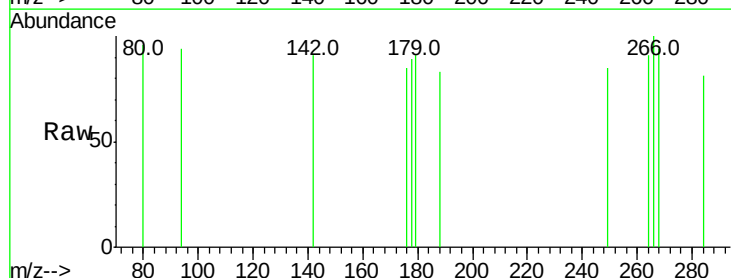


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

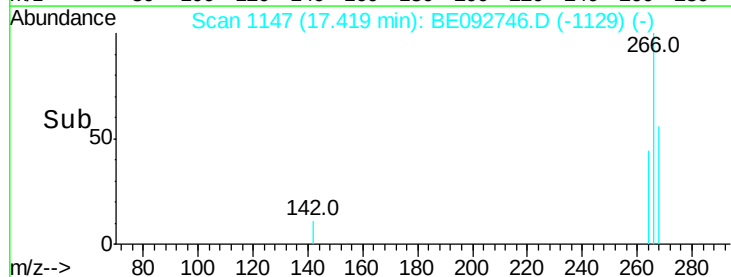
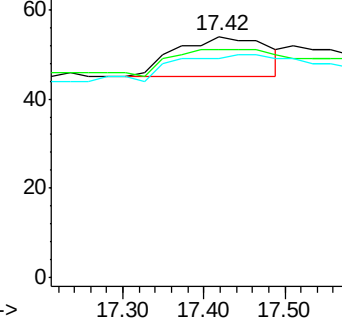


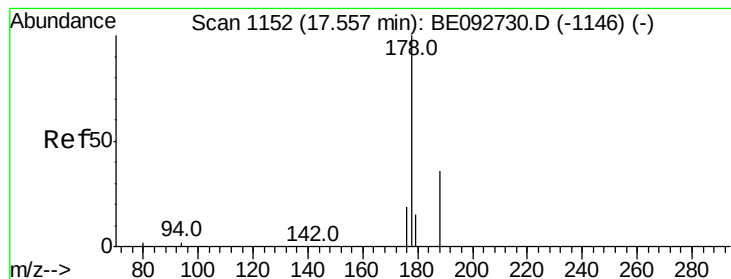
#20
Pentachlorophenol
Concen: 0.37 ng
RT: 17.42 min Scan# 1147
Delta R.T. 0.12 min
Lab File: BE092746.D
Acq: 20 Feb 2017 14:07

Tgt Ion:266 Resp: 70
Ion Ratio Lower Upper
266 100
268 94.4 62.5 93.7#
264 90.7 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: 0.41 ng

RT: 17.56 min Scan# 1153

Delta R.T. 0.00 min

Lab File: BE092746.D

Acq: 20 Feb 2017 14:07

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

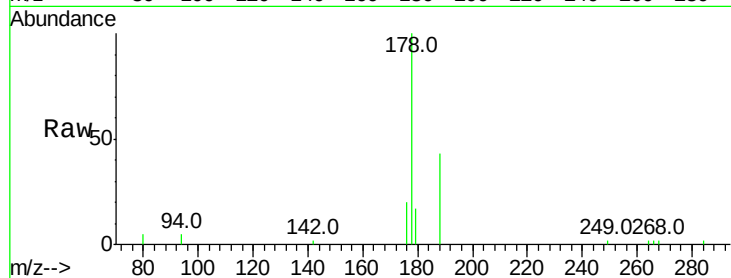
Tot Ion:178 Resp: 5199

Ion Ratio Lower Upper

178 100

176 19.3 15.8 23.8

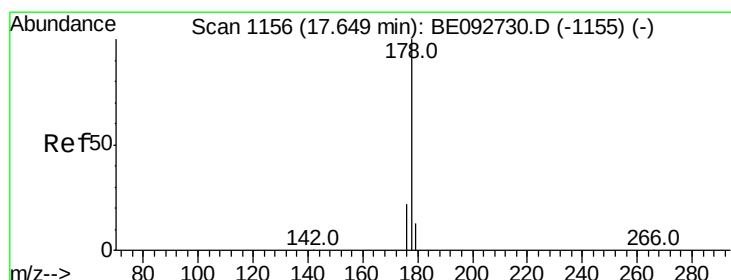
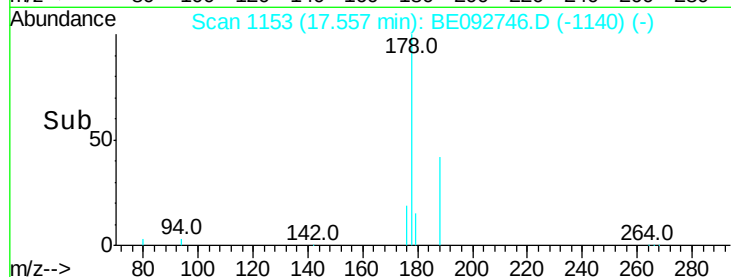
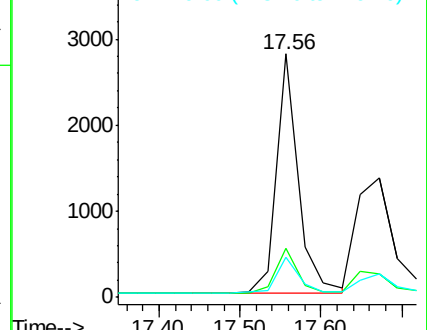
179 16.0 16.0 24.0



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



#22

Anthracene

Concen: 0.44 ng

RT: 17.56 min Scan# 1153

Delta R.T. -0.09 min

Lab File: BE092746.D

Acq: 20 Feb 2017 14:07

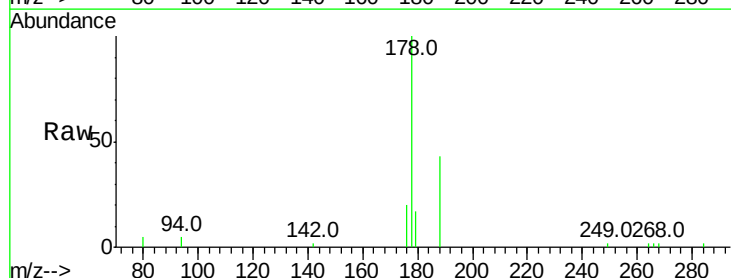
Tgt Ion:178 Resp: 5199

Ion Ratio Lower Upper

178 100

176 19.3 15.0 22.4

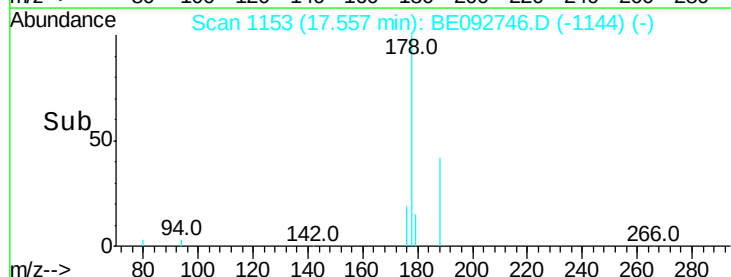
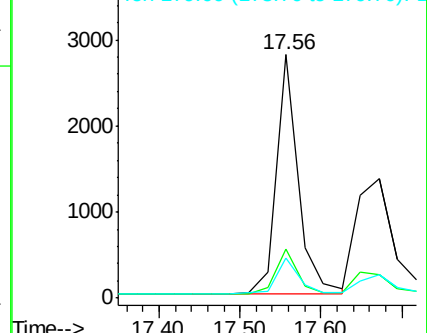
179 16.0 12.2 18.2

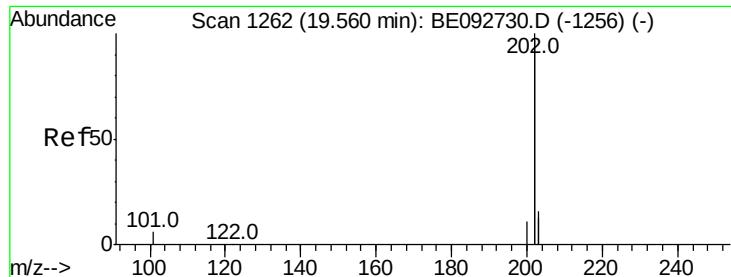


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#23

Fluoranthene

Concen: 0.39 ng

RT: 19.56 min Scan# 1263

Delta R.T. -0.00 min

Lab File: BE092746.D

Acq: 20 Feb 2017 14:07

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

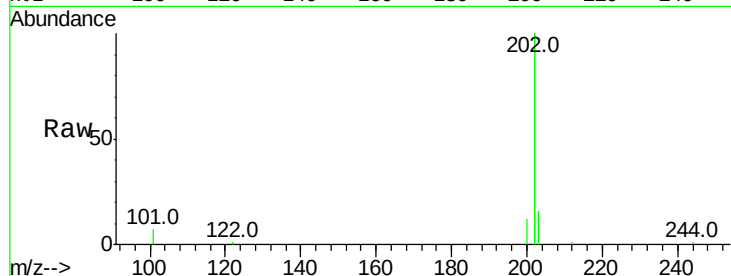
Tot Ion:202 Resp: 21367

Ion Ratio Lower Upper

202 100

101 2.8 2.2 3.4

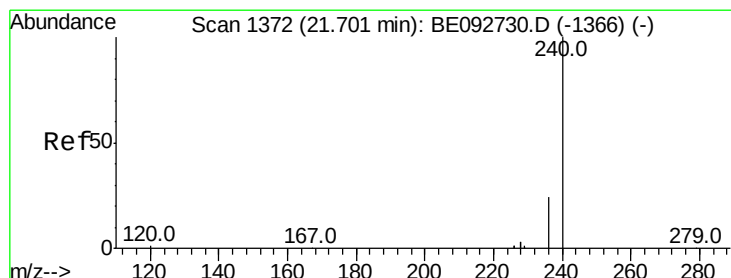
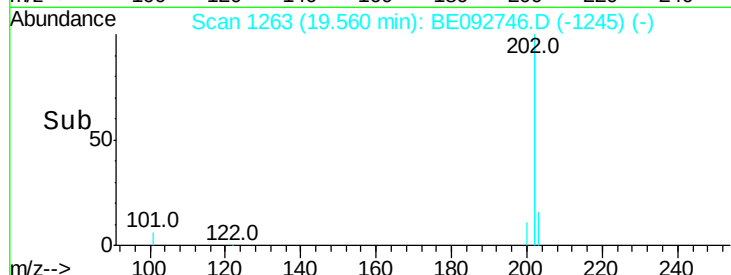
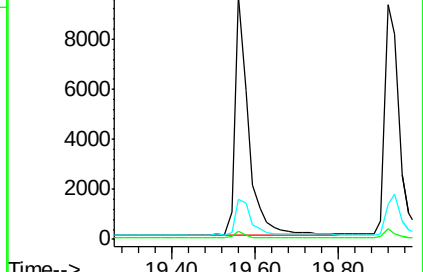
203 17.9 13.7 20.5



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: 21.70 min Scan# 1373

Delta R.T. -0.00 min

Lab File: BE092746.D

Acq: 20 Feb 2017 14:07

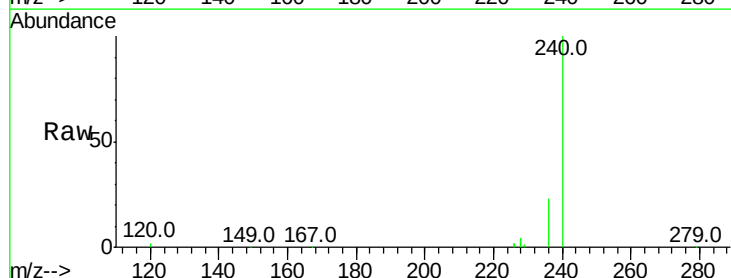
Tgt Ion:240 Resp: 58047

Ion Ratio Lower Upper

240 100

120 1.7 2.6 4.0#

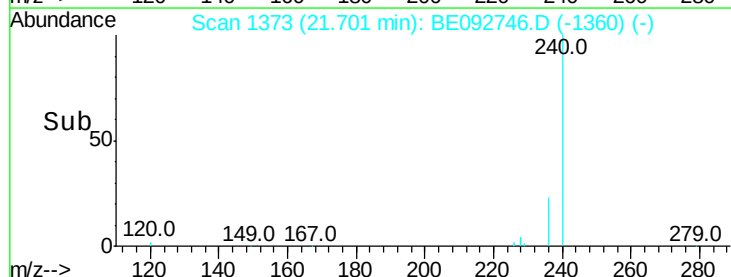
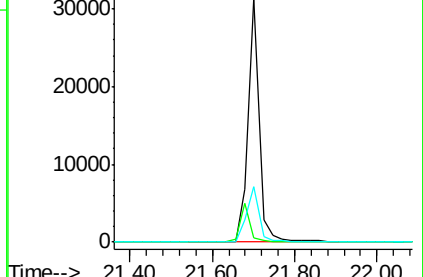
236 22.9 24.6 37.0#

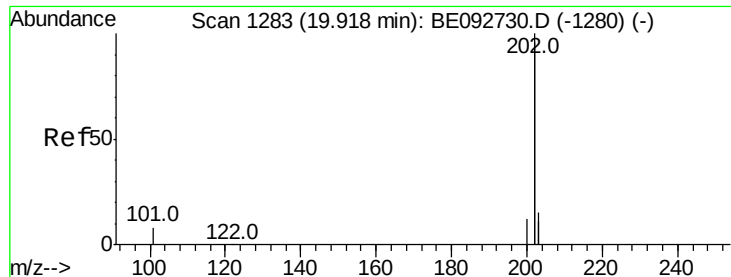


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

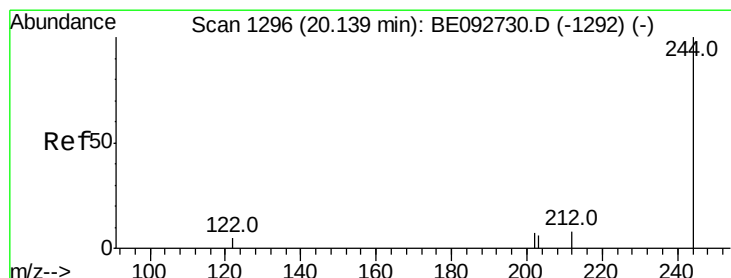
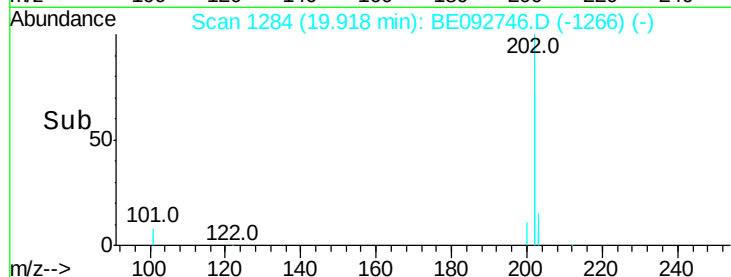
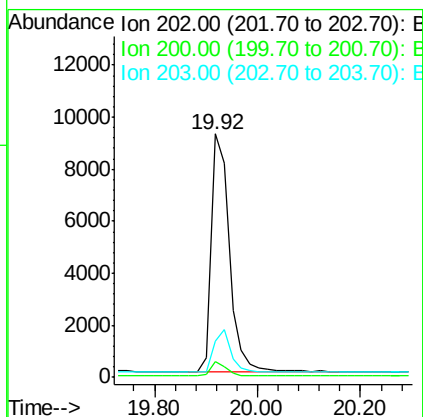
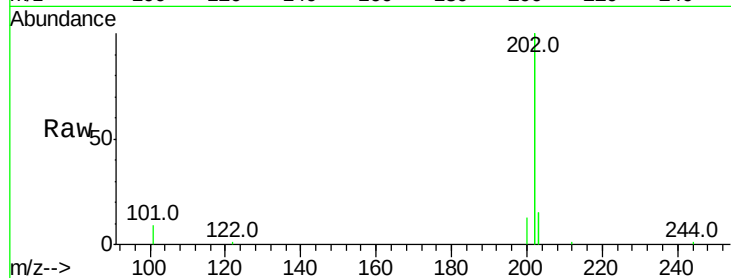




#25
Pvrene
Concen: 0.40 ng
RT: 19.92 min Scan# 1284
Delta R.T. -0.00 min
Lab File: BE092746.D
Acq: 20 Feb 2017 14:07

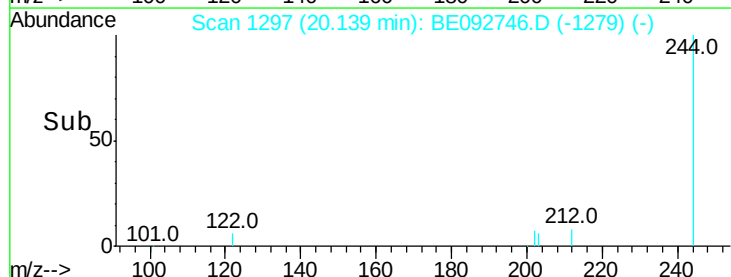
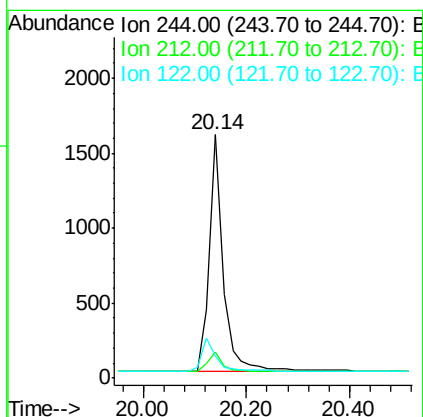
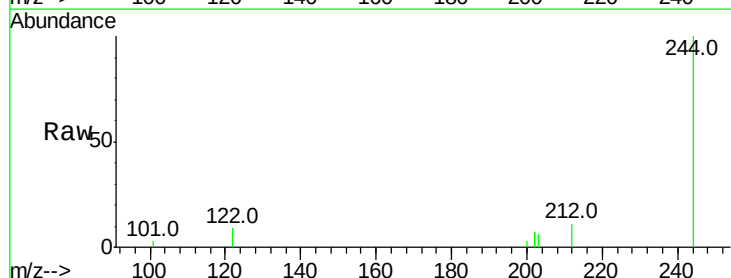
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

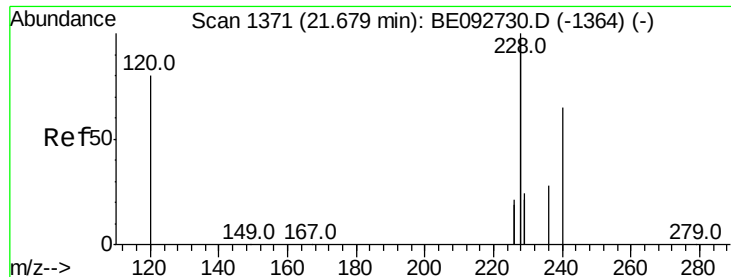
Tot Ion:202 Resp: 22341
Ion Ratio Lower Upper
202 100
200 5.3 4.2 6.4
203 17.1 13.9 20.9



#26
Terphenyl-d14
Concen: 0.40 ng
RT: 20.14 min Scan# 1297
Delta R.T. -0.00 min
Lab File: BE092746.D
Acq: 20 Feb 2017 14:07

Tgt Ion:244 Resp: 2964
Ion Ratio Lower Upper
244 100
212 10.7 6.7 10.1#
122 8.9 3.6 5.4#





#27

Benzo(a)anthracene

Concen: 0.90 ng

RT: 21.72 min Scan# 1374

Delta R.T. 0.05 min

Lab File: BE092746.D

Acq: 20 Feb 2017 14:07

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

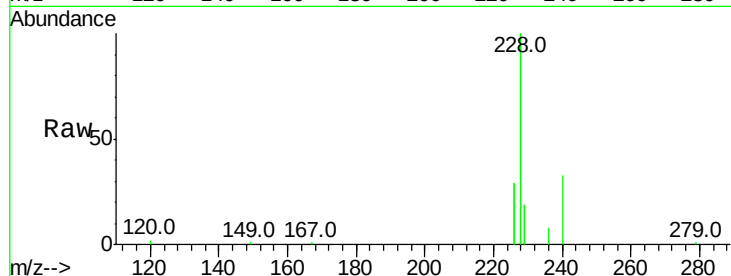
Tot Ion:228 Resp: 50814

Ion Ratio Lower Upper

228 100

226 28.9 23.6 35.4

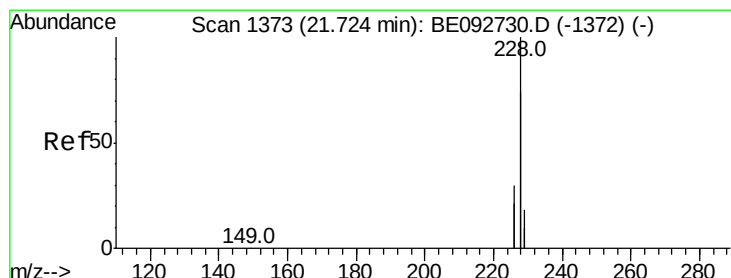
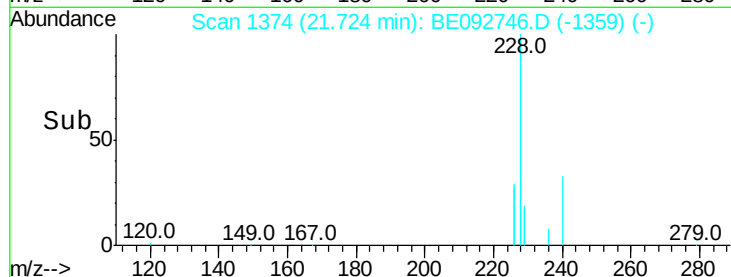
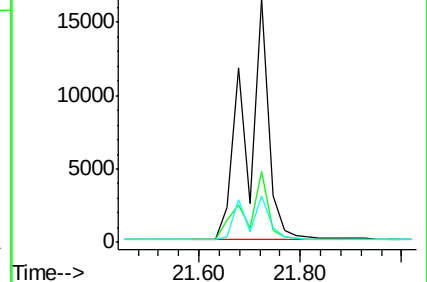
229 19.0 13.3 19.9



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: 0.76 ng

RT: 21.72 min Scan# 1374

Delta R.T. -0.00 min

Lab File: BE092746.D

Acq: 20 Feb 2017 14:07

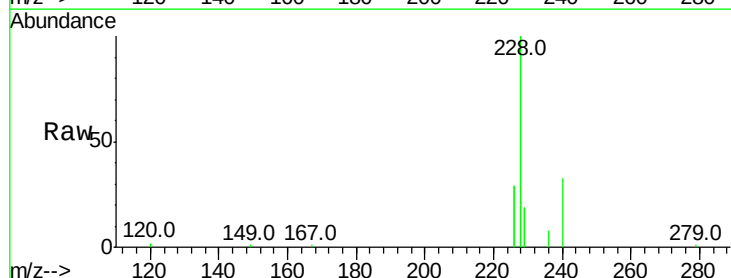
Tgt Ion:228 Resp: 51016

Ion Ratio Lower Upper

228 100

226 28.9 36.3 54.5#

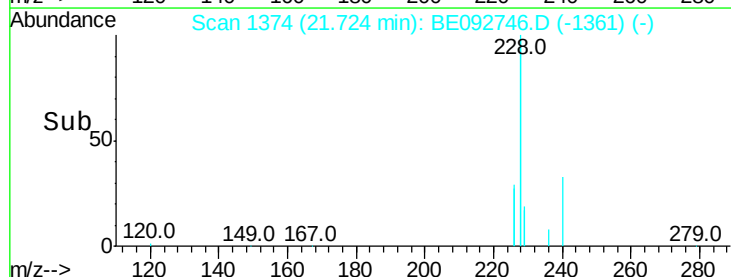
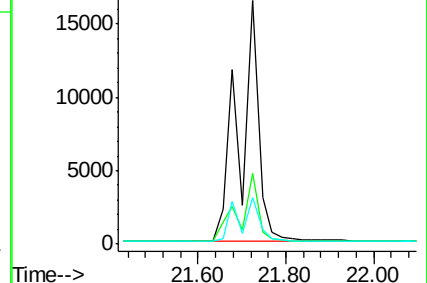
229 19.0 10.6 16.0#

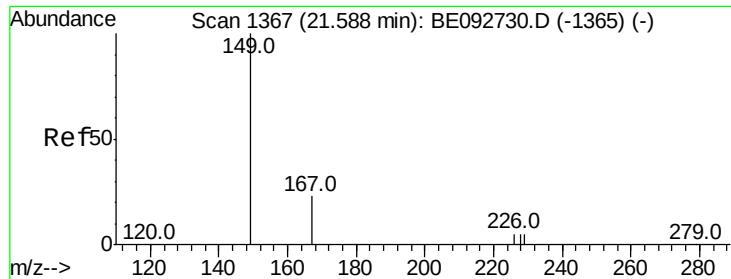


Abundance Ion 228.00 (227.70 to 228.70): E

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: 21.59 min Scan# 1368

Delta R.T. 0.00 min

Lab File: BE092746.D

Acq: 20 Feb 2017 14:07

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

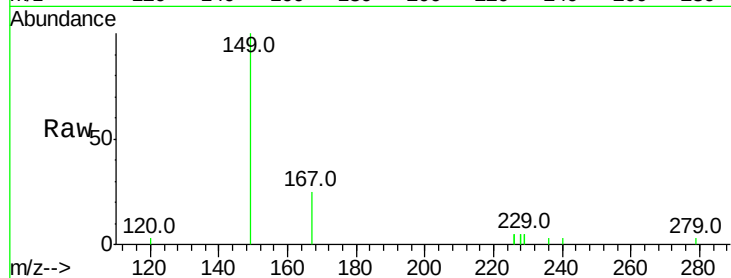
Tot Ion:149 Resp: 2529

Ion Ratio Lower Upper

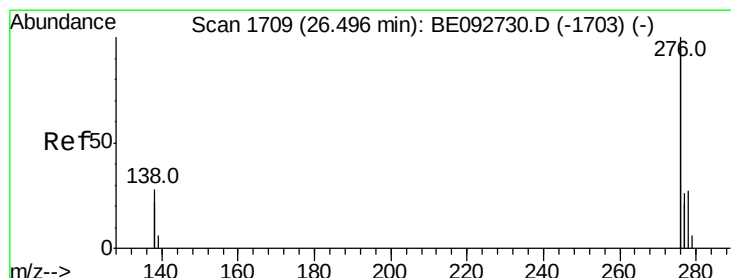
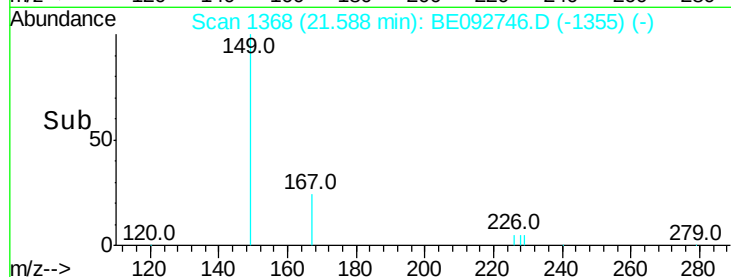
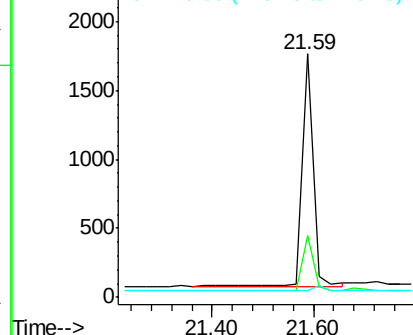
149 100

167 22.8 16.0 24.0

279 0.0 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



#30

Indeno(1,2,3-cd)pyrene

Concen: 0.41 ng

RT: 26.50 min Scan# 1710

Delta R.T. 0.00 min

Lab File: BE092746.D

Acq: 20 Feb 2017 14:07

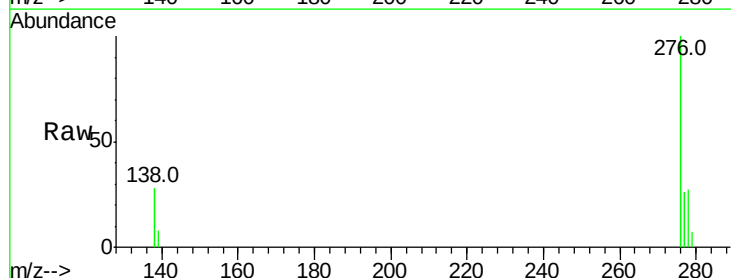
Tgt Ion:276 Resp: 26474

Ion Ratio Lower Upper

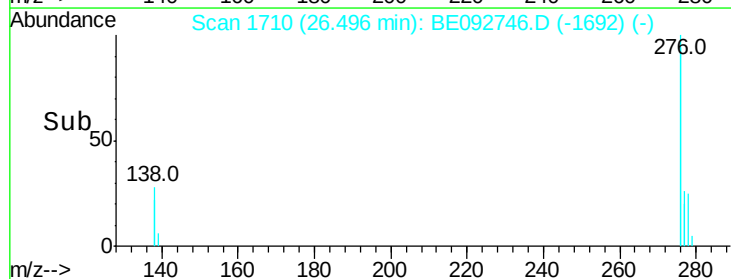
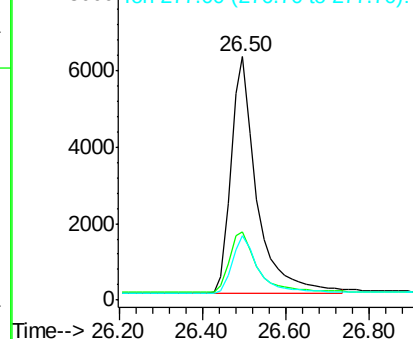
276 100

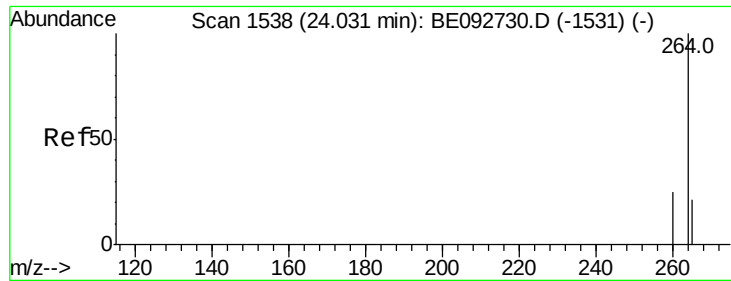
138 28.1 20.3 30.5

277 24.6 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

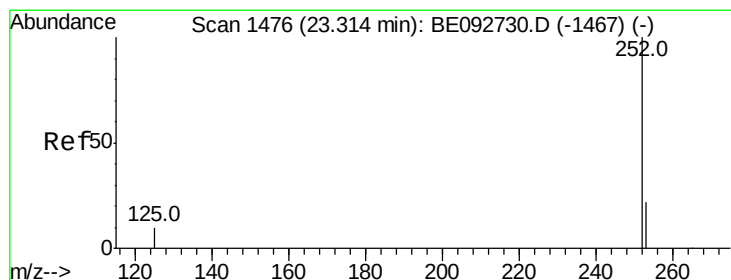
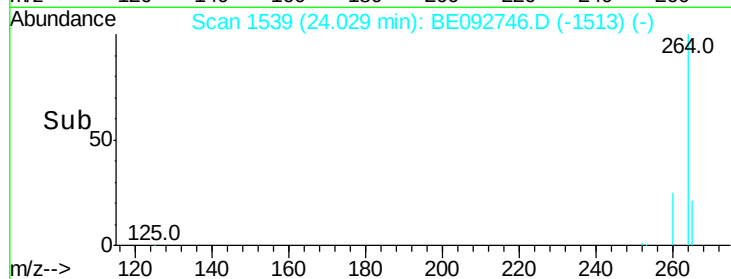
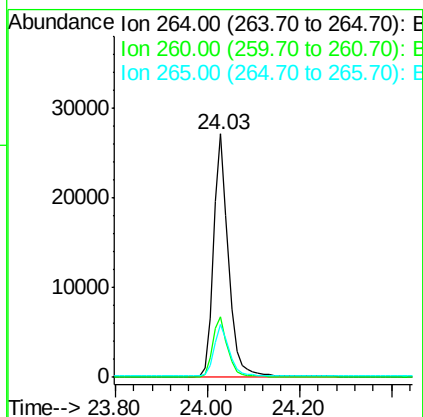
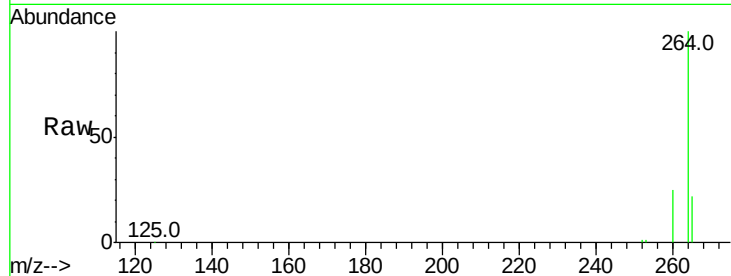




#31
Pervlene-d12
Concen: 5.00 ng
RT: 24.03 min Scan# 1539
Delta R.T. -0.00 min
Lab File: BE092746.D
Acq: 20 Feb 2017 14:07

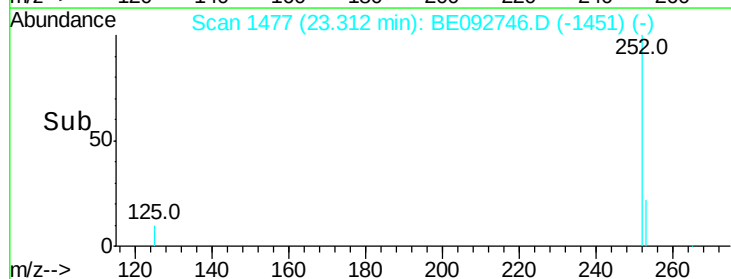
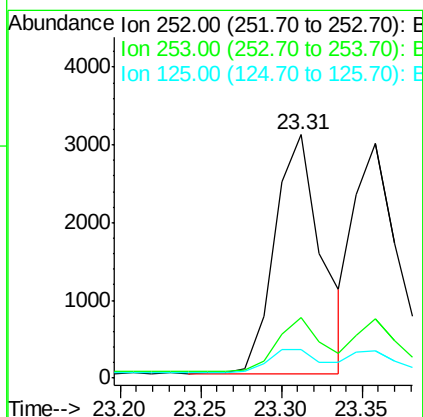
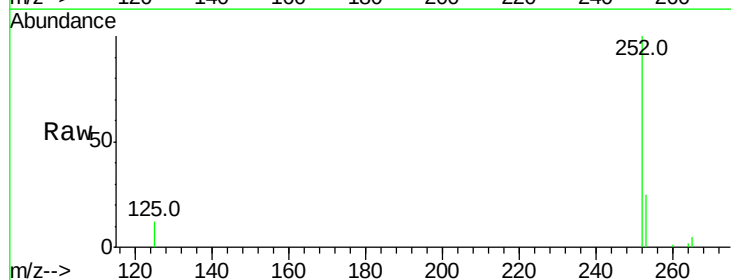
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

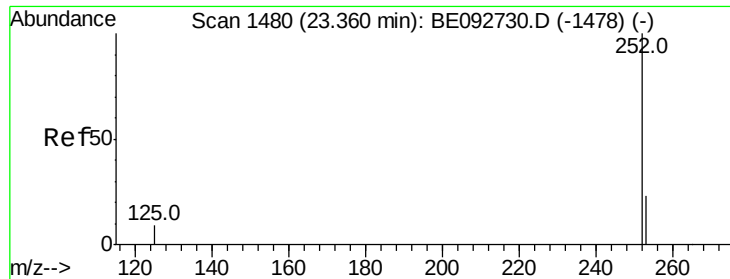
Tot Ion:264 Resp: 61055
Ion Ratio Lower Upper
264 100
260 25.0 20.1 30.1
265 21.9 17.9 26.9



#32
Benzo(b)fluoranthene
Concen: 0.42 ng
RT: 23.31 min Scan# 1477
Delta R.T. -0.00 min
Lab File: BE092746.D
Acq: 20 Feb 2017 14:07

Tgt Ion:252 Resp: 6203
Ion Ratio Lower Upper
252 100
253 24.9 18.7 28.1
125 11.6 10.5 15.7





#33

Benzo(k)fluoranthene

Concen: 0.37 ng

RT: 23.36 min Scan# 1481

Delta R.T. -0.00 min

Lab File: BE092746.D

Acq: 20 Feb 2017 14:07

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

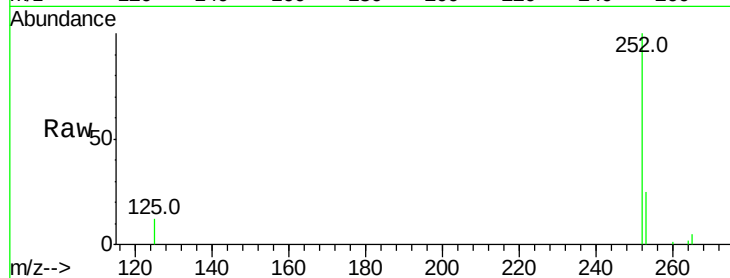
Tot Ion:252 Resp: 6209

Ion Ratio Lower Upper

252 100

253 25.1 20.3 30.5

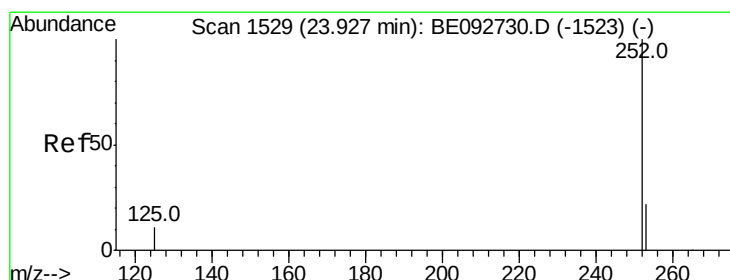
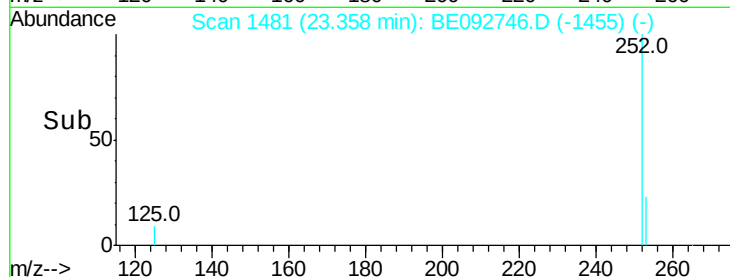
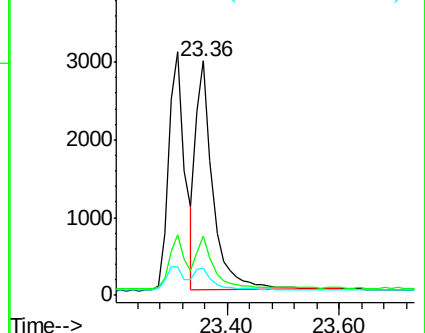
125 11.9 9.6 14.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#34

Benzo(a)pyrene

Concen: 0.35 ng

RT: 23.91 min Scan# 1529

Delta R.T. -0.01 min

Lab File: BE092746.D

Acq: 20 Feb 2017 14:07

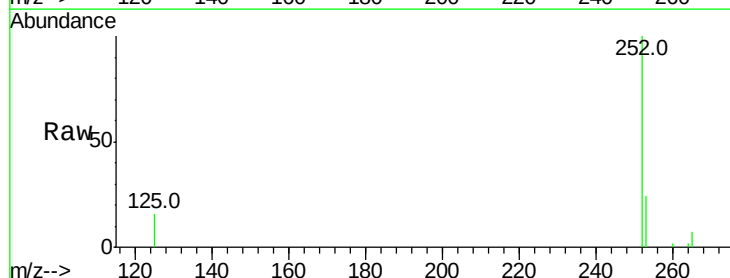
Tgt Ion:252 Resp: 5466

Ion Ratio Lower Upper

252 100

253 23.8 19.0 28.6

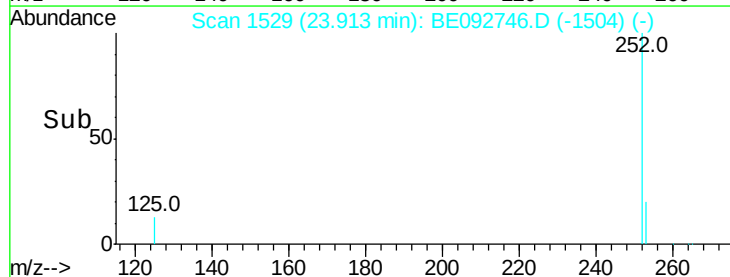
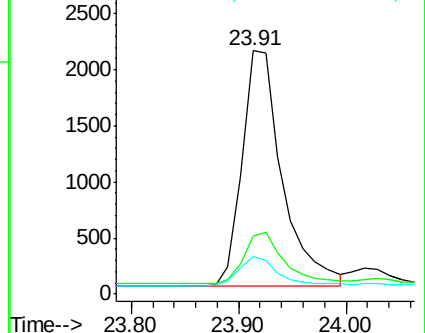
125 15.6 11.8 17.8

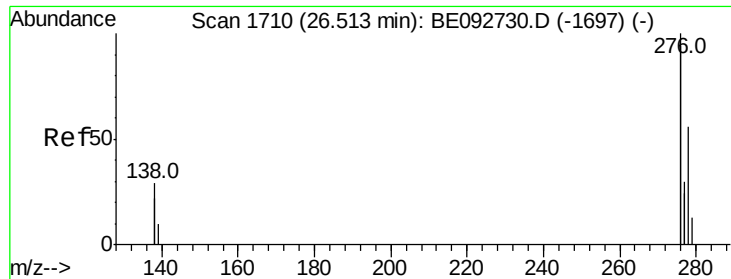


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#35

Dibenzo(a,h)anthracene

Concen: 0.36 ng

RT: 26.51 min Scan# 1711

Delta R.T. -0.00 min

Lab File: BE092746.D

Acq: 20 Feb 2017 14:07

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

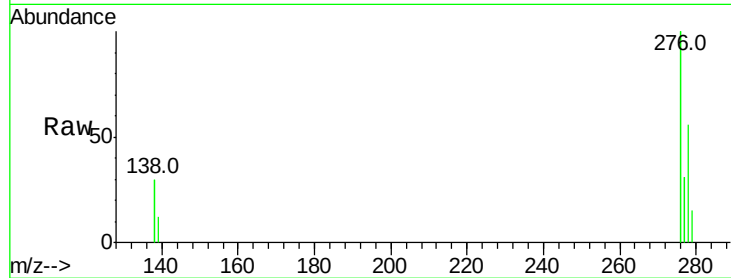
Tot Ion:278 Resp: 5463

Ion Ratio Lower Upper

278 100

139 21.1 13.8 20.8#

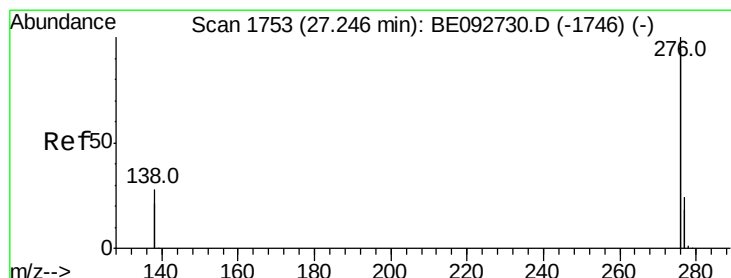
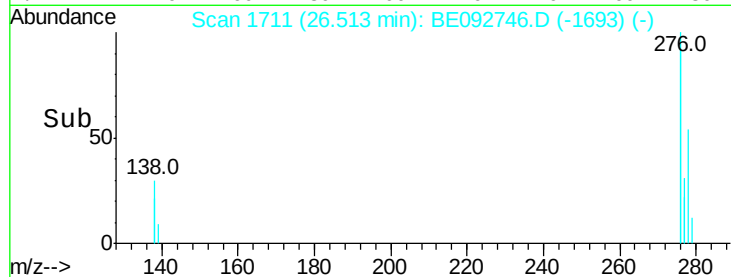
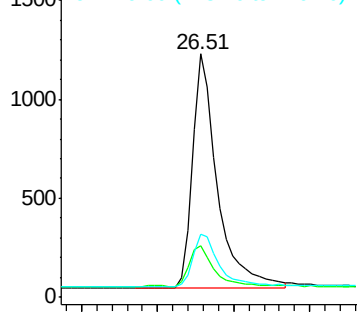
279 26.0 21.4 32.2



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: 0.38 ng

RT: 27.25 min Scan# 1754

Delta R.T. 0.00 min

Lab File: BE092746.D

Acq: 20 Feb 2017 14:07

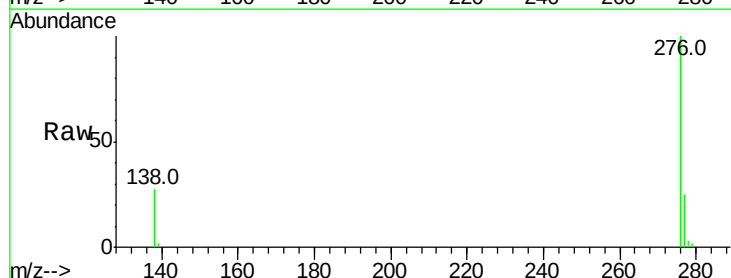
Tgt Ion:276 Resp: 23915

Ion Ratio Lower Upper

276 100

277 25.2 19.8 29.8

138 26.8 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

