

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE111616\
 Data File : BE092532.D
 Acq On : 16 Nov 2016 12:53
 Operator : UM/SJ
 Sample : SSTDICC1.6
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC1.6

Quant Time: Nov 16 13:35:10 2016
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE111616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 16 13:29:35 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	7365	5.00	ng	0.00
7) Naphthalene-d8	10.93	136	36973	5.00	ng	0.00
12) Acenaphthene-d10	14.80	164	24930	5.00	ng	0.00
18) Phenanthrene-d10	17.56	188	56383	5.00	ng	0.00
24) Chrysene-d12	21.72	240	81147	5.00	ng	0.00
31) Perylene-d12	24.09	264	69009	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.66	112	2184	1.34	ng	-0.02
5) Phenol-d6	7.34	99	2875	1.33	ng	-0.02
8) Nitrobenzene-d5	9.32	82	3588	1.48	ng	-0.05
13) 2,4,6-Tribromophenol	16.30	330	968	1.37	ng	-0.01
14) 2-Fluorobiphenyl	13.42	172	9835	1.60	ng	-0.01
26) Terphenyl-d14	20.16	244	14369	1.46	ng	-0.02

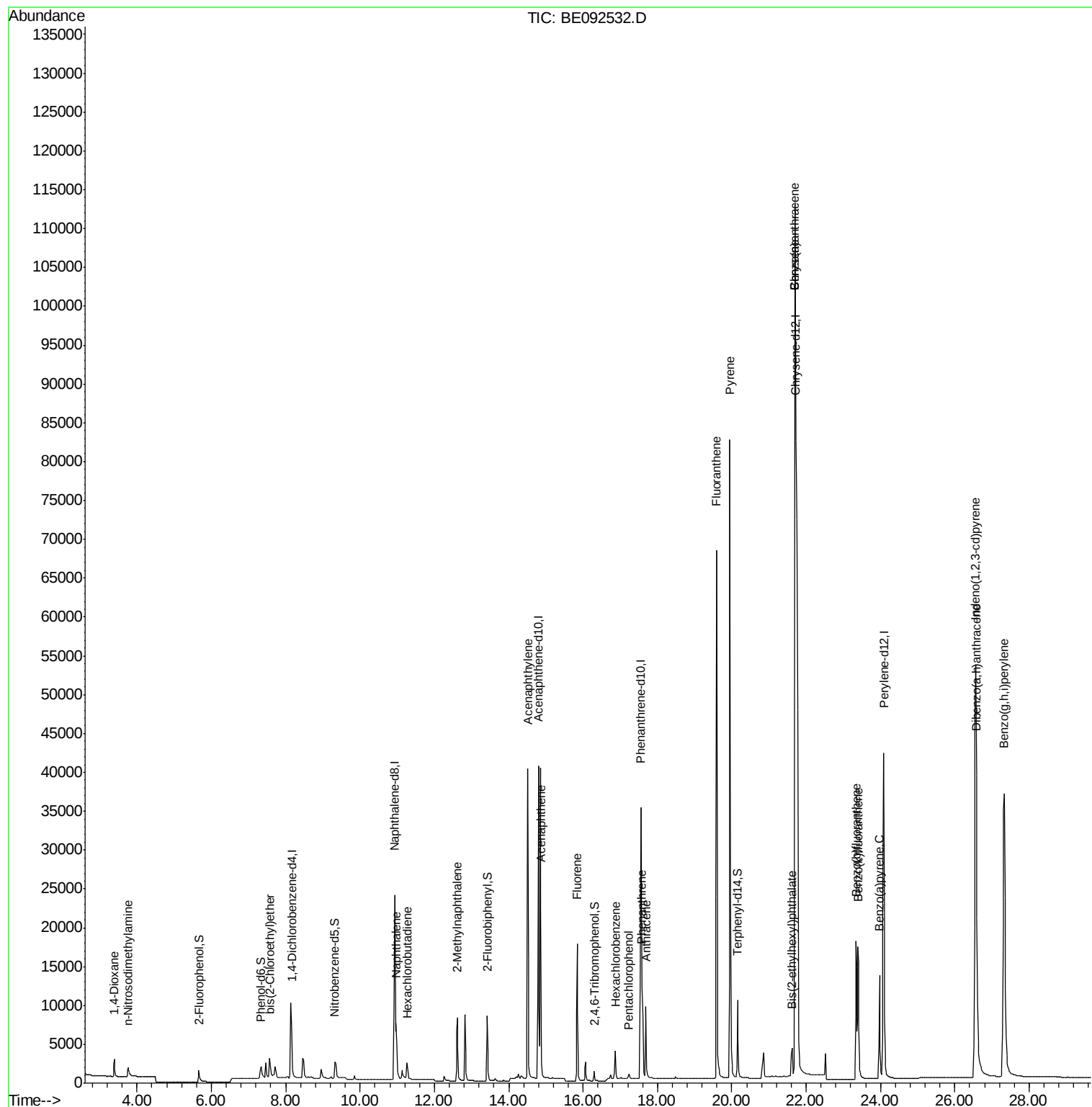
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.39	88	1474	1.29	ng	92
3) n-Nitrosodimethylamine	3.75	42	1693	1.27	ng	# 96
6) bis(2-Chloroethyl)ether	7.57	93	3411	1.44	ng	88
9) Naphthalene	10.97	128	11637	1.45	ng	# 96
10) Hexachlorobutadiene	11.26	225	1769	1.46	ng	99
11) 2-Methylnaphthalene	12.61	142	7691	1.48	ng	92
15) Acenaphthylene	14.51	152	55983	1.57	ng	100
16) Acenaphthene	14.87	154	8633	1.49	ng	92
17) Fluorene	15.84	166	11348	1.56	ng	98
19) Hexachlorobenzene	16.87	284	3545	1.67	ng	# 68
20) Pentachlorophenol	17.23	266	744	1.21	ng	93
21) Phenanthrene	17.58	178	19048	1.56	ng	# 78
22) Anthracene	17.69	178	17918	1.52	ng	# 77
23) Fluoranthene	19.59	202	92562	1.51	ng	99
25) Pyrene	19.95	202	101767	1.53	ng	99
27) Benzo(a)anthracene	21.70	228	221065	2.69	ng	97
28) Chrysene	21.70	228	221954	2.52	ng	# 76
29) Bis(2-ethylhexyl)phthalate	21.61	149	6818	0.79	ng	# 56
30) Indeno(1,2,3-cd)pyrene	26.56	276	116717	1.30	ng	98
32) Benzo(b)fluoranthene	23.35	252	25035	0.96	ng	96
33) Benzo(k)fluoranthene	23.39	252	28051	1.03	ng	94
34) Benzo(a)pyrene	23.97	252	23819	1.34	ng	# 96
35) Dibenzo(a,h)anthracene	26.58	278	24103	1.44	ng	97
36) Benzo(g,h,i)perylene	27.33	276	100792	1.46	ng	96

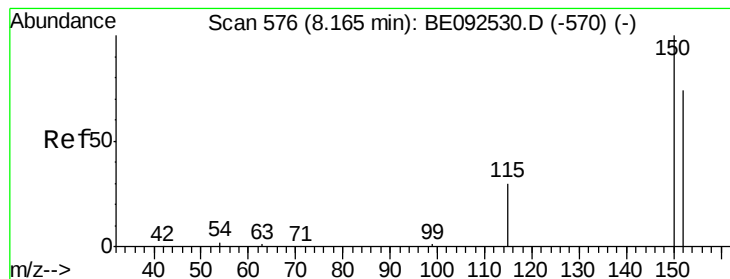
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleID :
SSTDIC1.6

Quant Time: Nov 16 13:35:10 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE111616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 16 13:29:35 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.16 min Scan# 576

Delta R.T. -0.00 min

Lab File: BE092532.D

Acq: 16 Nov 2016 12:53

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

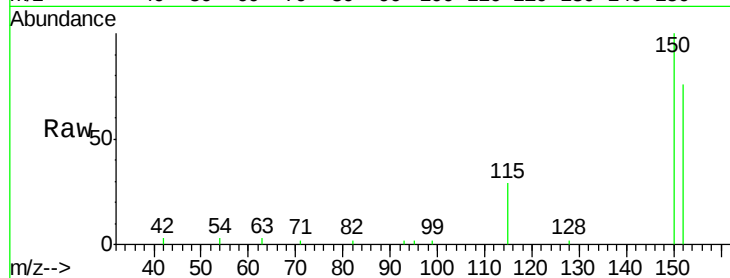
Tgt Ion:152 Resp: 7365

Ion Ratio Lower Upper

152 100

150 131.3 106.0 159.0

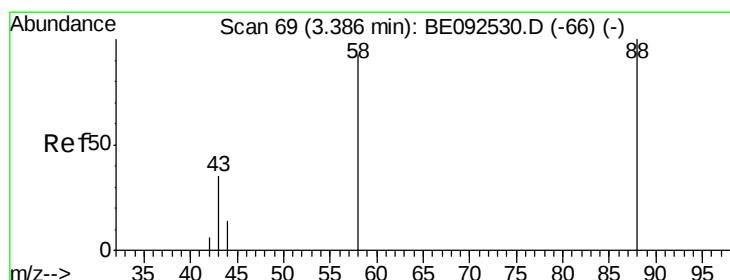
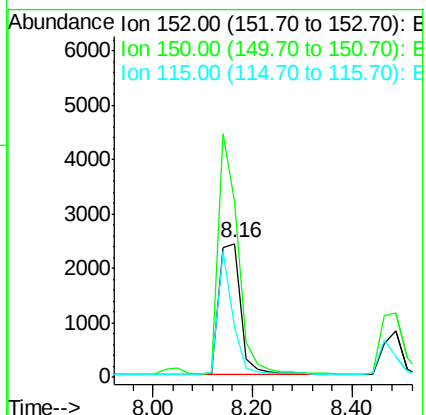
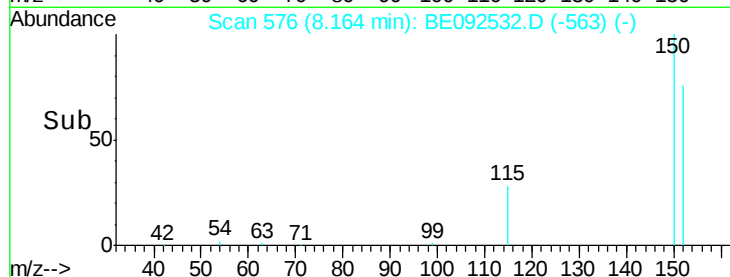
115 38.0 31.2 46.8



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: 1.29 ng

RT: 3.39 min Scan# 69

Delta R.T. 0.00 min

Lab File: BE092532.D

Acq: 16 Nov 2016 12:53

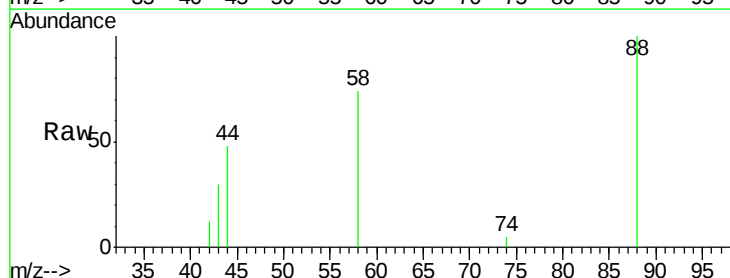
Tgt Ion: 88 Resp: 1474

Ion Ratio Lower Upper

88 100

58 87.1 63.6 95.4

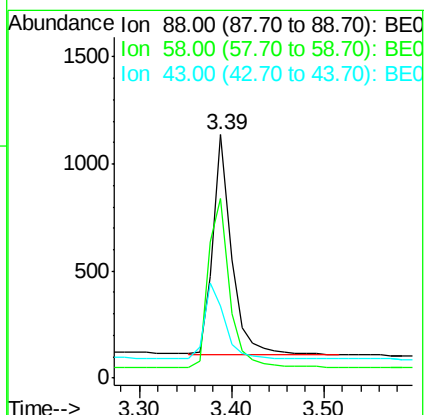
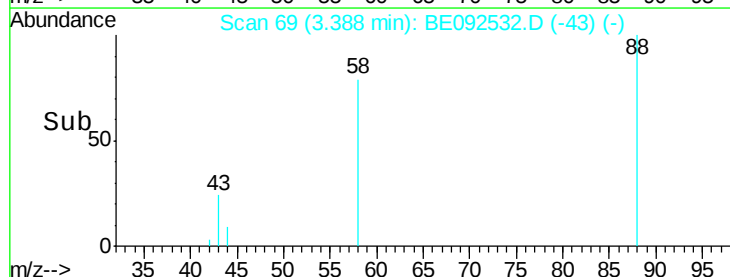
43 37.9 28.0 42.0

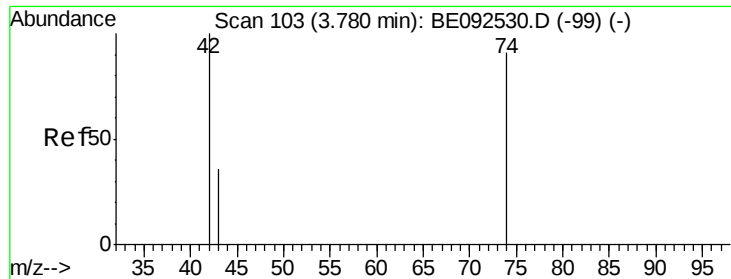


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



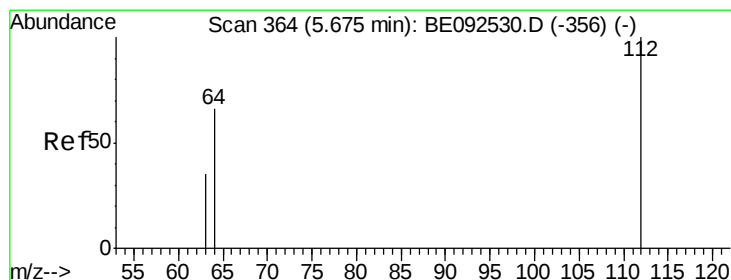
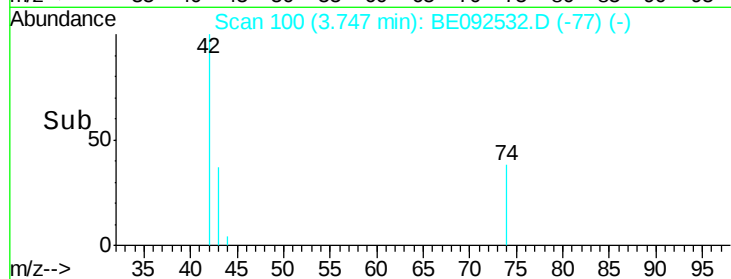
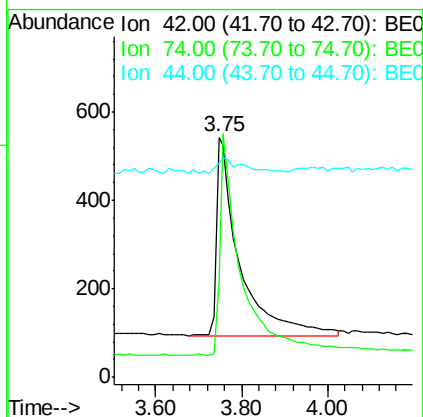
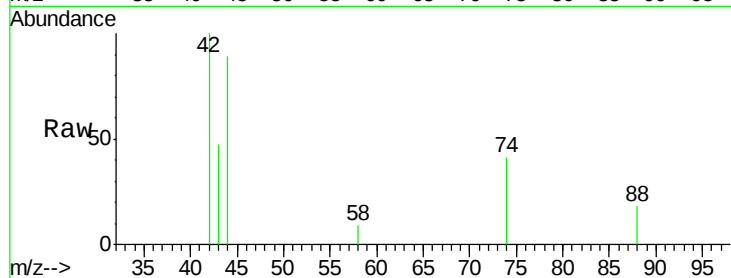


#3

n-Nitrosodimethylamine
 Concen: 1.27 ng
 RT: 3.75 min Scan# 100
 Delta R.T. -0.03 min
 Lab File: BE092532.D
 Acq: 16 Nov 2016 12:53

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC1.6

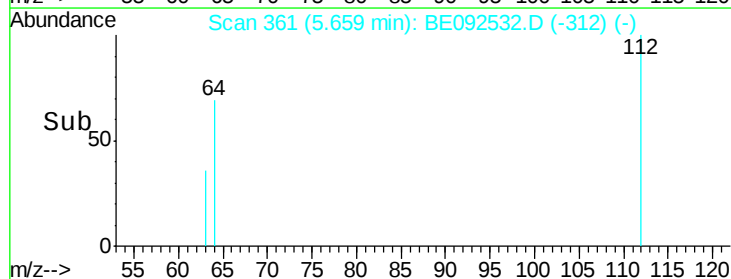
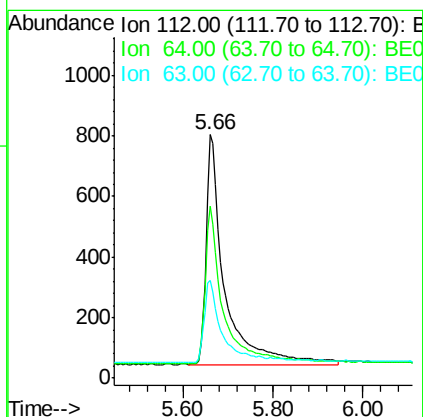
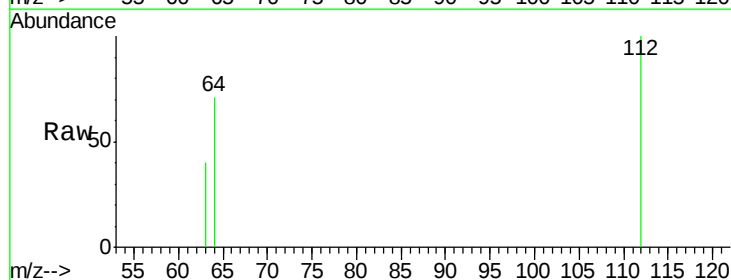
Tgt Ion: 42 Resp: 1693
 Ion Ratio Lower Upper
 42 100
 74 103.2 86.0 129.0
 44 8.0 5.1 7.7#

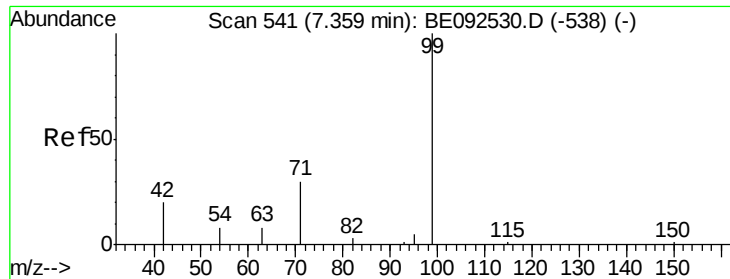


#4

2-Fluorophenol
 Concen: 1.34 ng
 RT: 5.66 min Scan# 361
 Delta R.T. -0.02 min
 Lab File: BE092532.D
 Acq: 16 Nov 2016 12:53

Tgt Ion: 112 Resp: 2184
 Ion Ratio Lower Upper
 112 100
 64 67.6 53.5 80.3
 63 34.9 27.9 41.9





#5

Phenol-d6

Concen: 1.33 ng

RT: 7.34 min Scan# 540

Delta R.T. -0.02 min

Lab File: BE092532.D

Acq: 16 Nov 2016 12:53

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

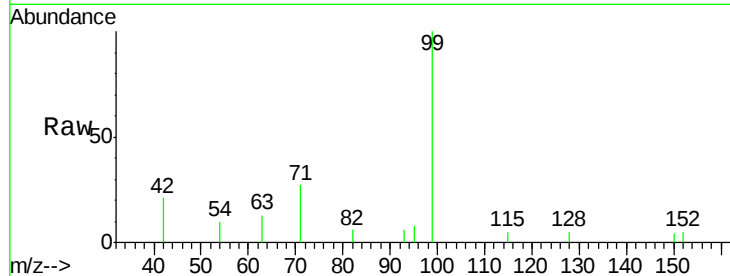
Tgt Ion: 99 Resp: 2875

Ion Ratio Lower Upper

99 100

42 0.0 16.0 24.0#

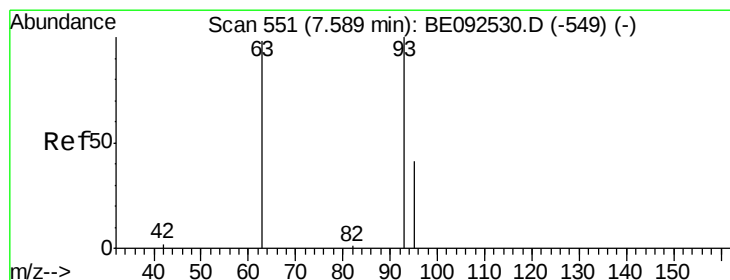
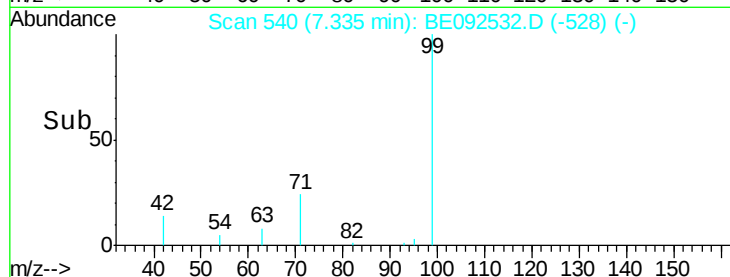
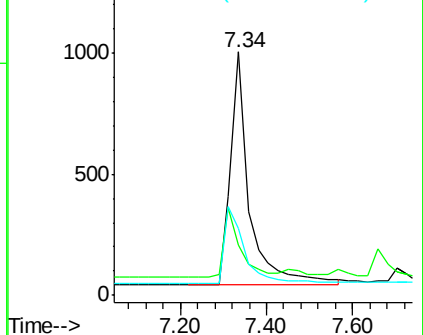
71 0.0 30.6 45.8#



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



#6

bis(2-Chloroethyl)ether

Concen: 1.44 ng

RT: 7.57 min Scan# 550

Delta R.T. -0.02 min

Lab File: BE092532.D

Acq: 16 Nov 2016 12:53

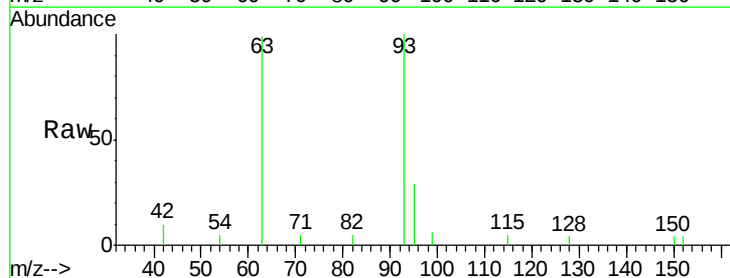
Tgt Ion: 93 Resp: 3411

Ion Ratio Lower Upper

93 100

63 75.4 71.6 107.4

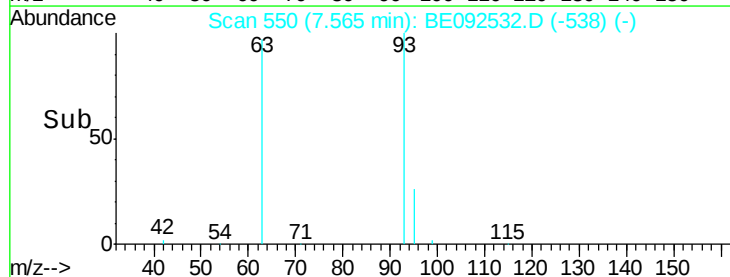
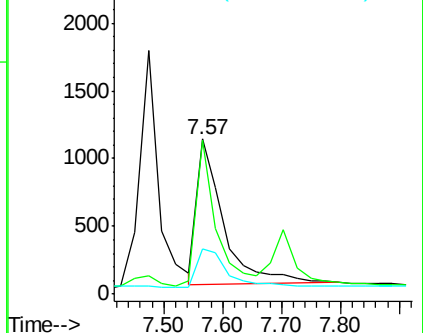
95 30.7 24.0 36.0

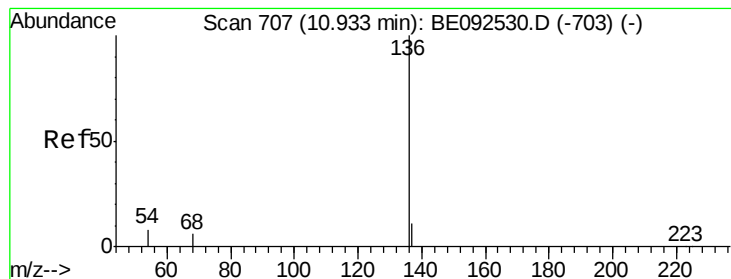


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.93 min Scan# 707

Delta R.T. -0.00 min

Lab File: BE092532.D

Acq: 16 Nov 2016 12:53

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

Tgt Ion:136 Resp: 36973

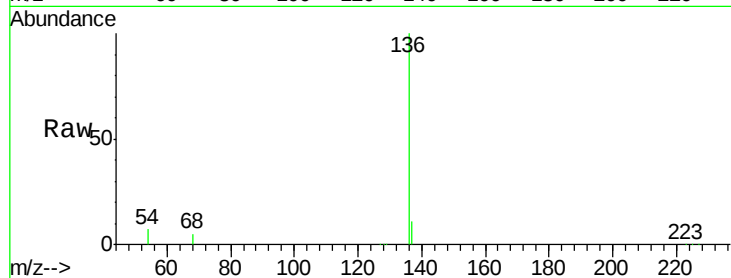
Ion Ratio Lower Upper

136 100

137 11.3 8.2 12.4

54 6.6 9.6 14.4#

68 5.0 6.7 10.1#

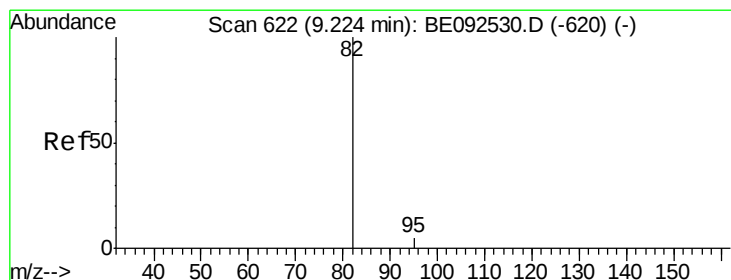
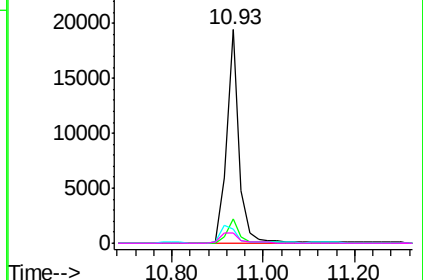
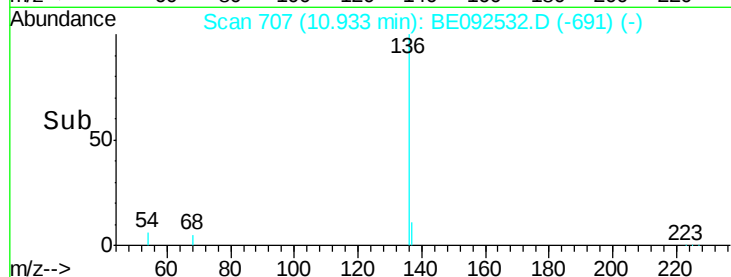


Abundance Ion 136.00 (135.70 to 136.70): E

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



#8

Nitrobenzene-d5

Concen: 1.48 ng

RT: 9.32 min Scan# 626

Delta R.T. -0.05 min

Lab File: BE092532.D

Acq: 16 Nov 2016 12:53

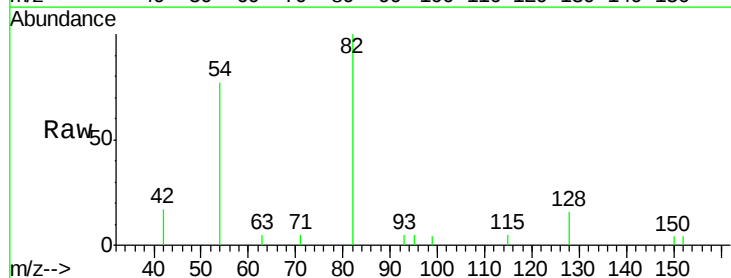
Tgt Ion: 82 Resp: 3588

Ion Ratio Lower Upper

82 100

128 16.0 39.0 58.4#

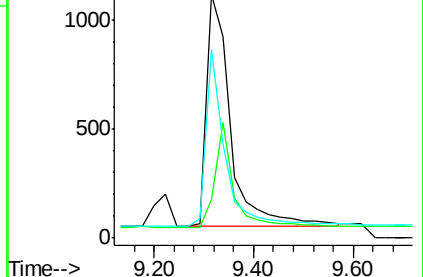
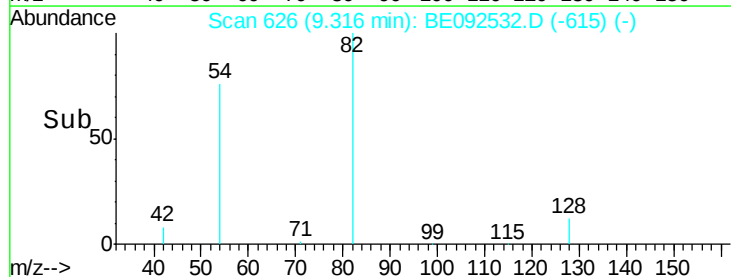
54 77.4 44.8 67.2#

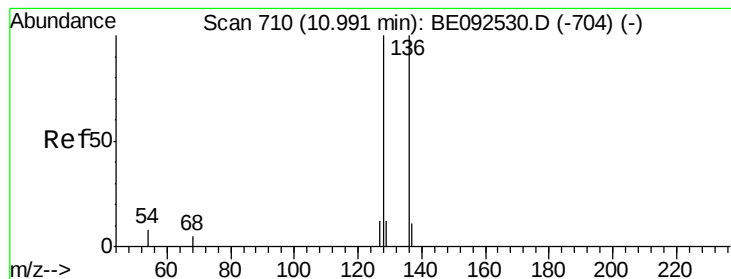


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 1.45 ng

RT: 10.97 min Scan# 709

Delta R.T. -0.02 min

Lab File: BE092532.D

Acq: 16 Nov 2016 12:53

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

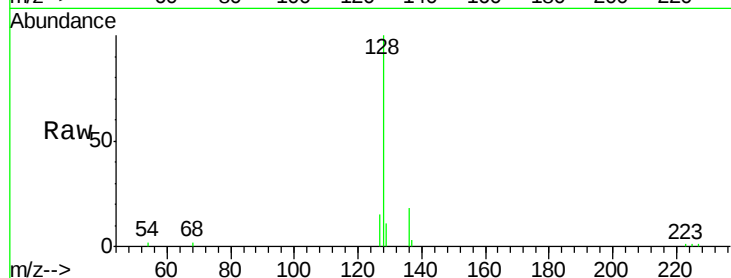
Tgt Ion:128 Resp: 11637

Ion Ratio Lower Upper

128 100

129 10.9 11.2 16.8#

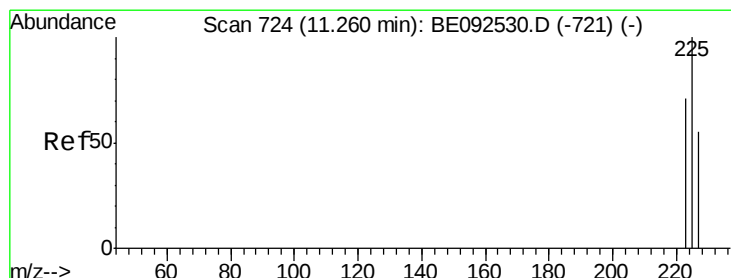
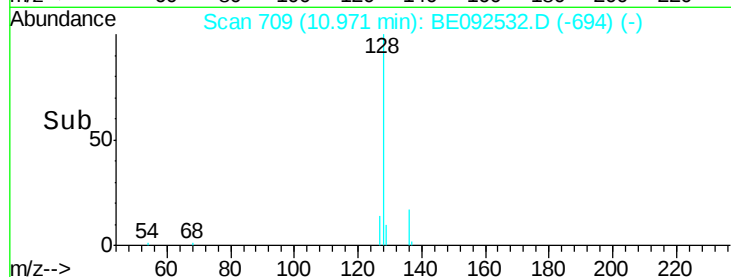
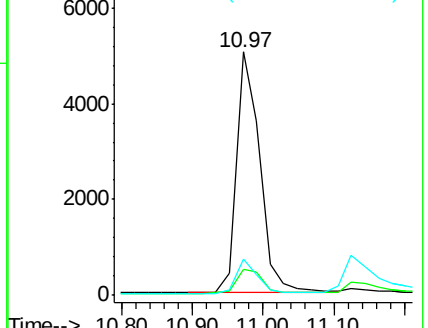
127 14.8 11.6 17.4



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: 1.46 ng

RT: 11.26 min Scan# 724

Delta R.T. -0.00 min

Lab File: BE092532.D

Acq: 16 Nov 2016 12:53

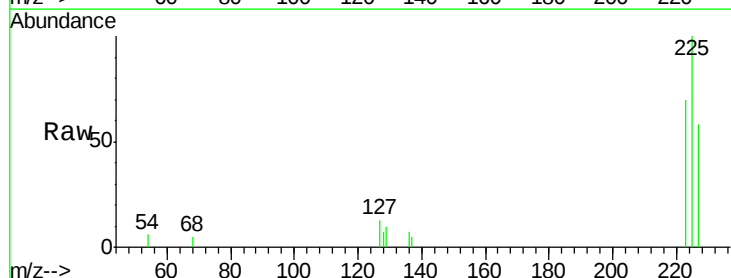
Tgt Ion:225 Resp: 1769

Ion Ratio Lower Upper

225 100

223 62.6 50.6 76.0

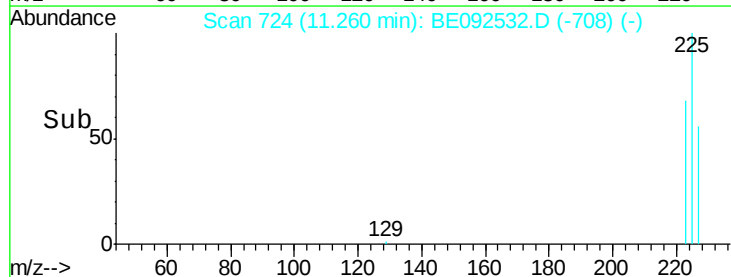
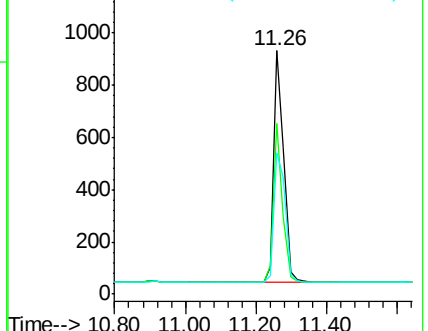
227 63.7 51.4 77.0

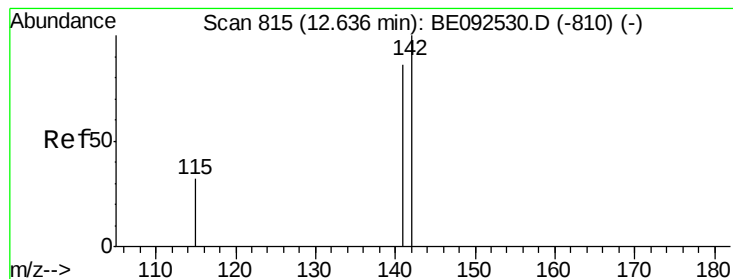


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene

Concen: 1.48 ng

RT: 12.61 min Scan# 813

Delta R.T. -0.02 min

Lab File: BE092532.D

Acq: 16 Nov 2016 12:53

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

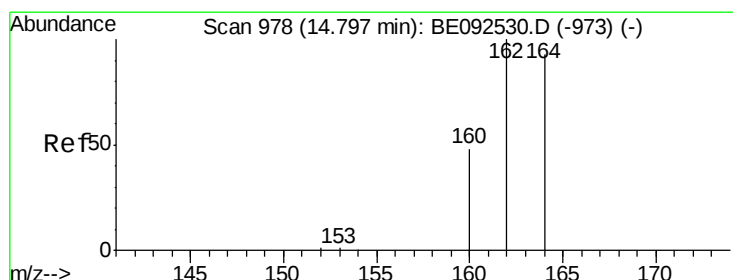
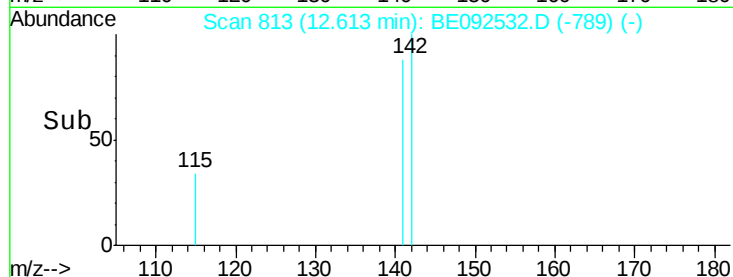
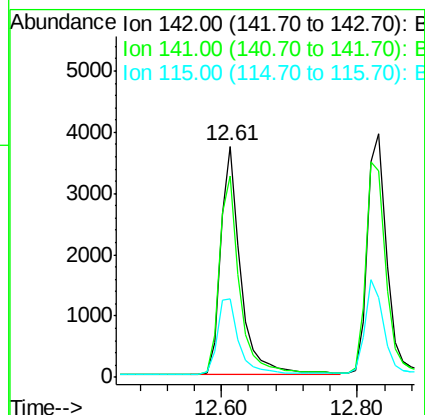
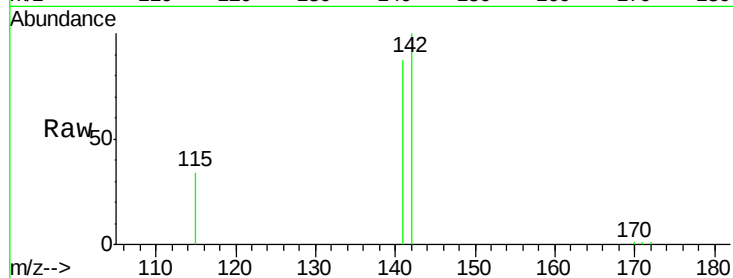
Tgt Ion:142 Resp: 7691

Ion Ratio Lower Upper

142 100

141 87.2 73.7 110.5

115 34.0 34.0 51.0



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.80 min Scan# 979

Delta R.T. 0.00 min

Lab File: BE092532.D

Acq: 16 Nov 2016 12:53

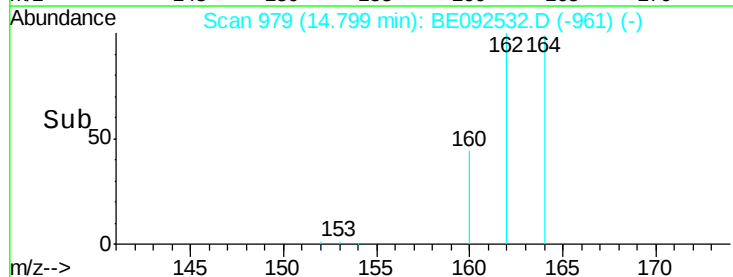
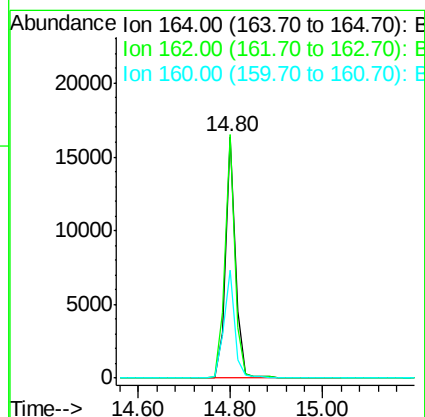
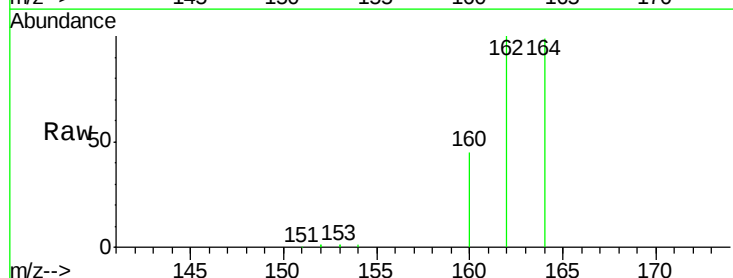
Tgt Ion:164 Resp: 24930

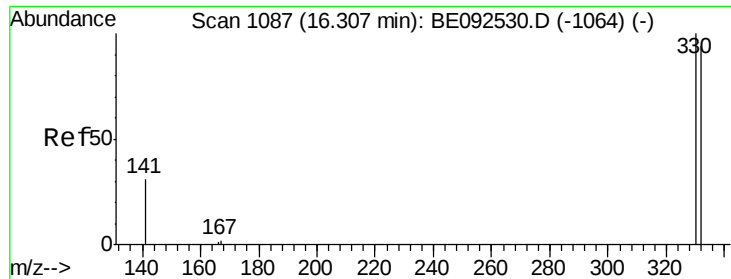
Ion Ratio Lower Upper

164 100

162 100.9 71.4 107.0

160 45.0 27.4 41.2#

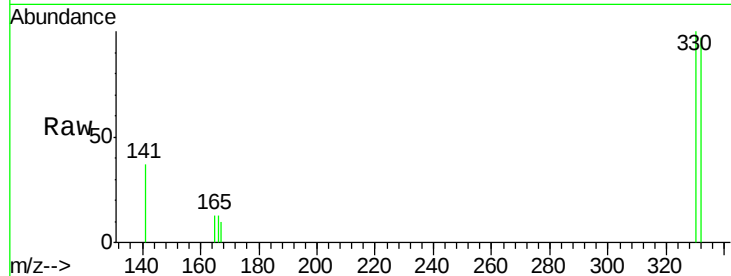




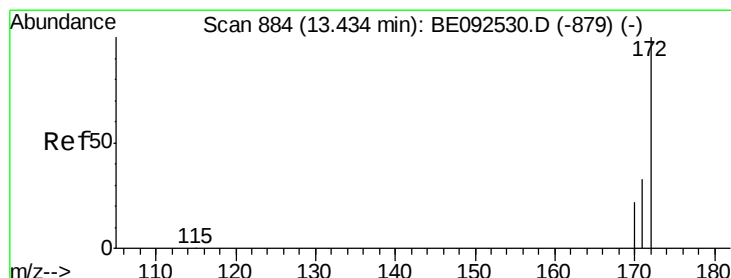
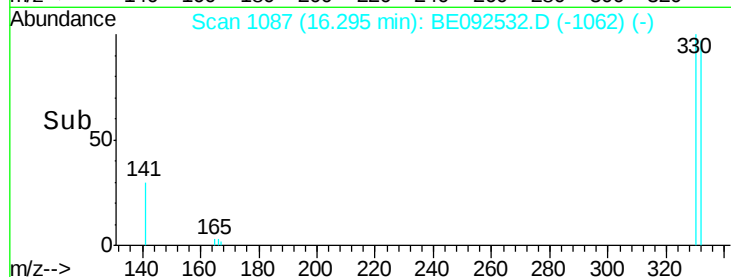
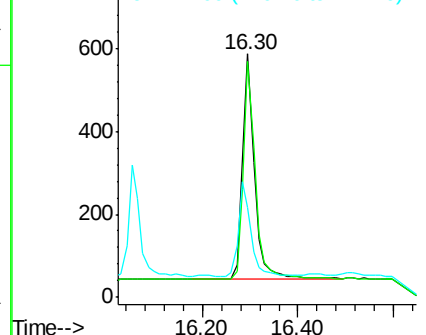
#13
 2,4,6-Tribromophenol
 Concen: 1.37 ng
 RT: 16.30 min Scan# 1087
 Delta R.T. -0.01 min
 Lab File: BE092532.D
 Acq: 16 Nov 2016 12:53

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC1.6

Tgt Ion: 330 Resp: 968
 Ion Ratio Lower Upper
 330 100
 332 95.8 75.4 113.0
 141 41.9 31.0 46.6

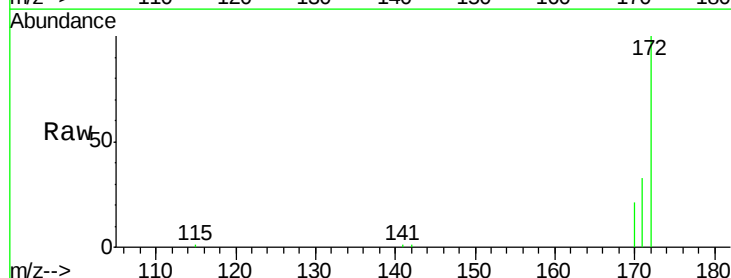


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

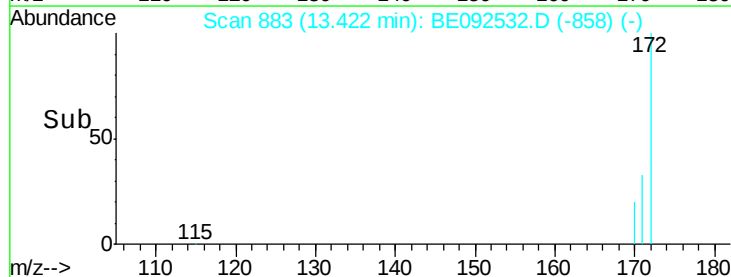
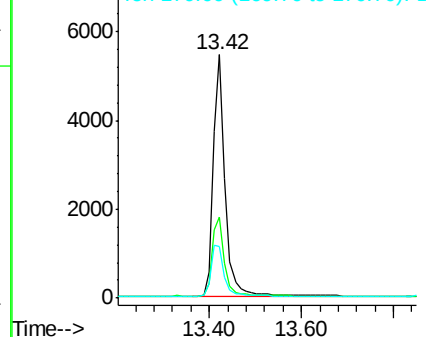


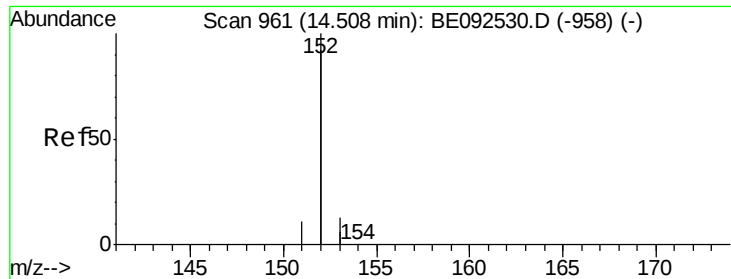
#14
 2-Fluorobiphenyl
 Concen: 1.60 ng
 RT: 13.42 min Scan# 883
 Delta R.T. -0.01 min
 Lab File: BE092532.D
 Acq: 16 Nov 2016 12:53

Tgt Ion: 172 Resp: 9835
 Ion Ratio Lower Upper
 172 100
 171 33.3 30.1 45.1
 170 21.0 21.8 32.6#



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





#15

Acenaphthylene

Concen: 1.57 ng

RT: 14.51 min Scan# 962

Delta R.T. 0.00 min

Lab File: BE092532.D

Acq: 16 Nov 2016 12:53

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

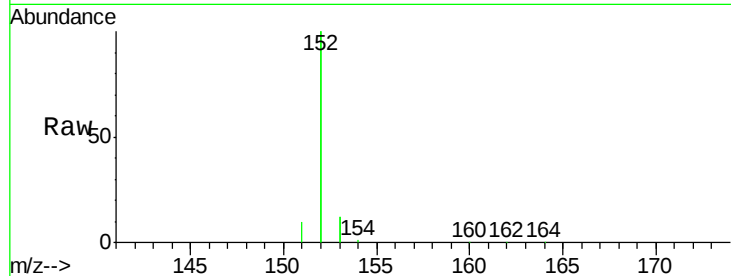
Tgt Ion:152 Resp: 55983

Ion Ratio Lower Upper

152 100

151 4.9 3.9 5.9

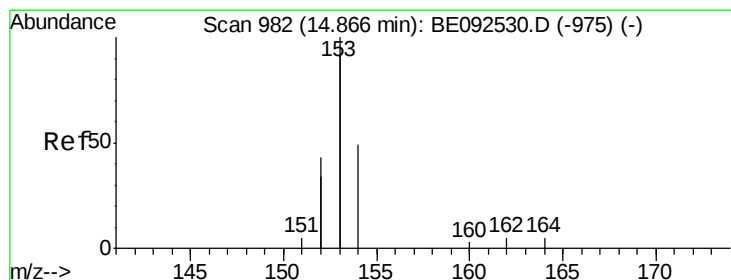
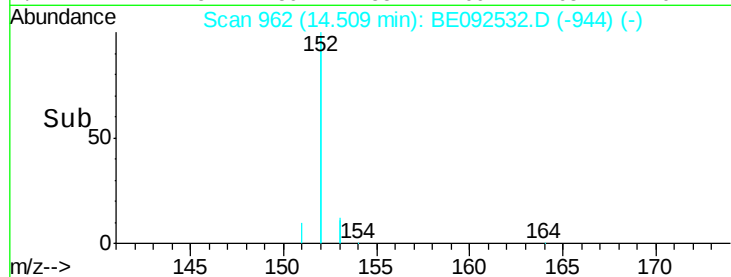
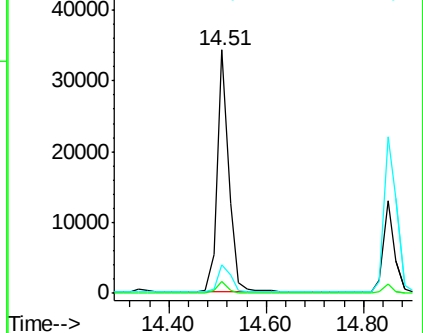
153 12.9 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#16

Acenaphthene

Concen: 1.49 ng

RT: 14.87 min Scan# 983

Delta R.T. 0.00 min

Lab File: BE092532.D

Acq: 16 Nov 2016 12:53

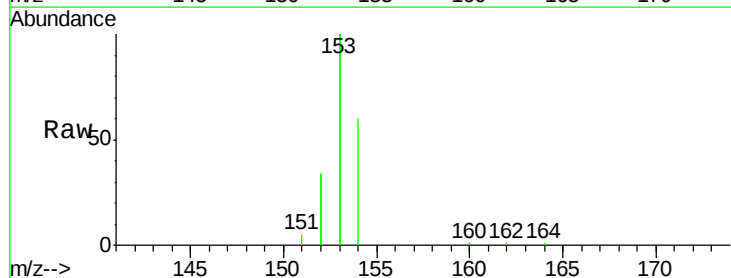
Tgt Ion:154 Resp: 8633

Ion Ratio Lower Upper

154 100

153 451.9 350.8 526.2

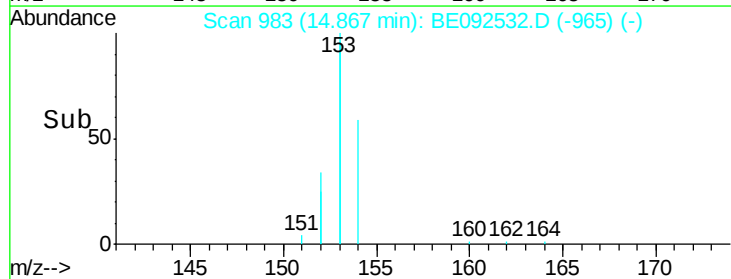
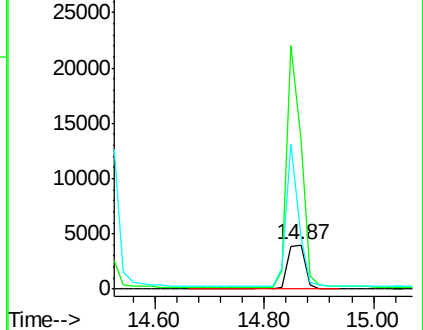
152 234.2 171.1 256.7

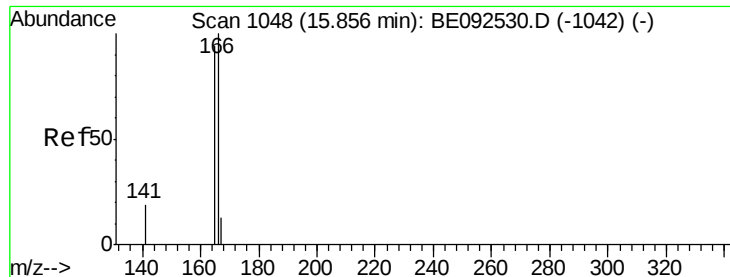


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

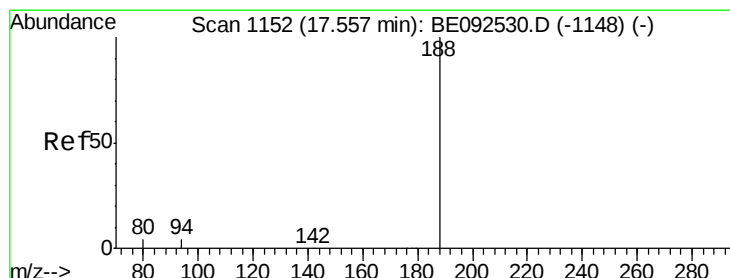
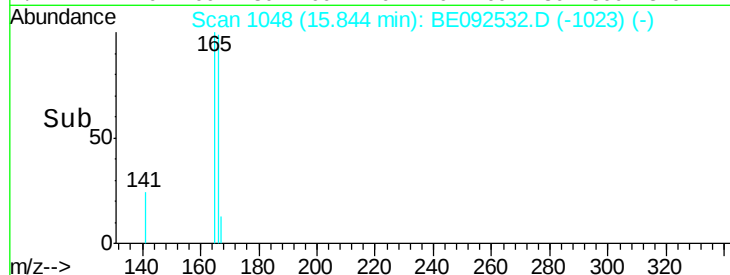
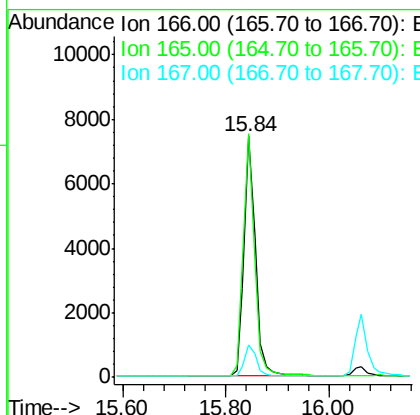
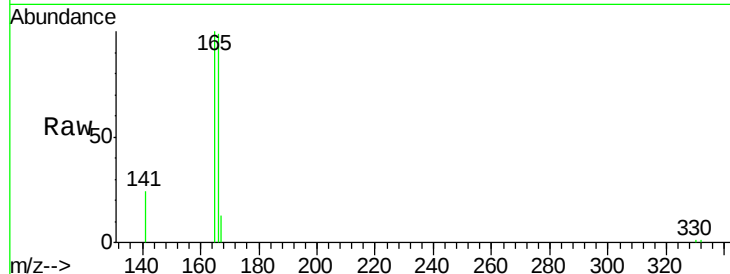




#17
Fluorene
 Concen: 1.56 ng
 RT: 15.84 min Scan# 1048
 Delta R.T. -0.01 min
 Lab File: BE092532.D
 Acq: 16 Nov 2016 12:53

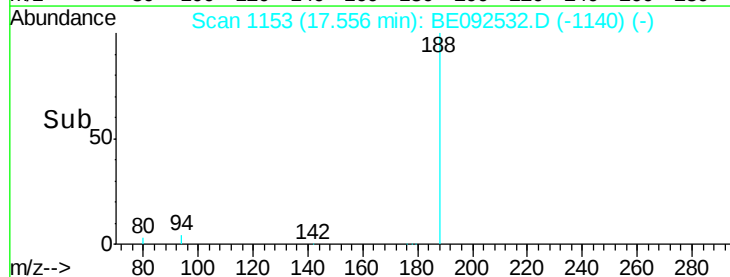
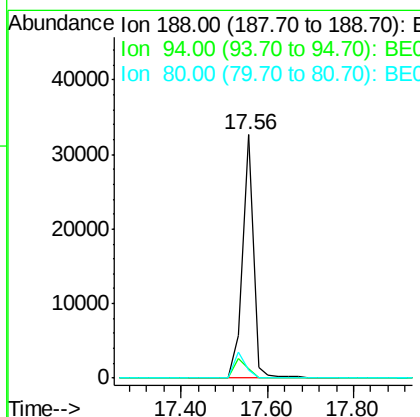
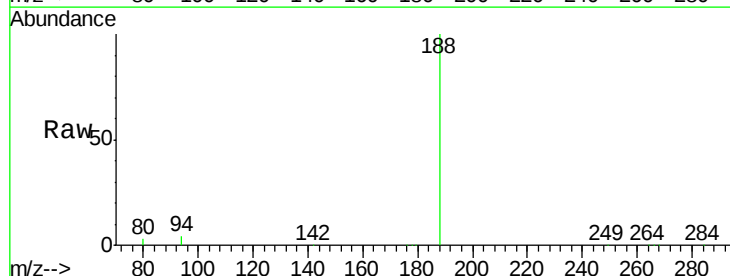
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC1.6

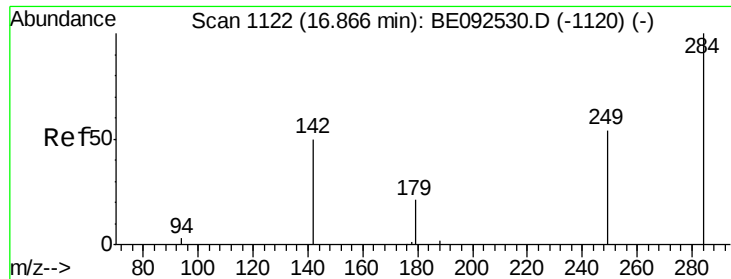
Tgt Ion:166 Resp: 11348
 Ion Ratio Lower Upper
 166 100
 165 99.6 78.2 117.4
 167 13.5 11.0 16.4



#18
Phenanthrene-d10
 Concen: 5.00 ng
 RT: 17.56 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: BE092532.D
 Acq: 16 Nov 2016 12:53

Tgt Ion:188 Resp: 56383
 Ion Ratio Lower Upper
 188 100
 94 3.8 3.2 4.8
 80 3.1 2.6 3.8

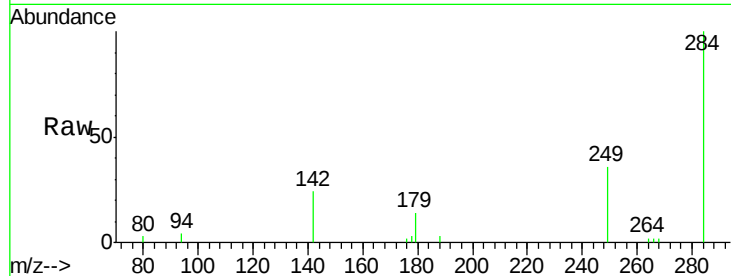




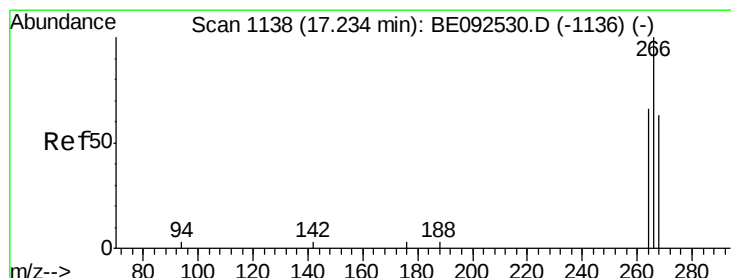
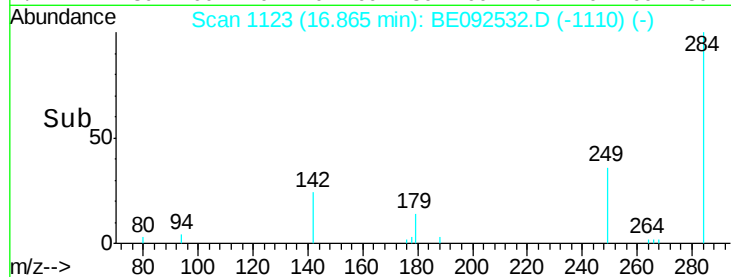
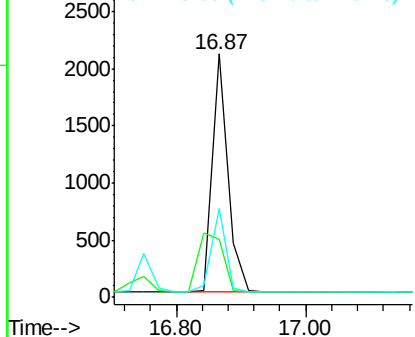
#19
Hexachlorobenzene
Concen: 1.67 ng
RT: 16.87 min Scan# 1123
Delta R.T. -0.00 min
Lab File: BE092532.D
Acq: 16 Nov 2016 12:53

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion: 284 Resp: 3545
Ion Ratio Lower Upper
284 100
142 0.0 29.1 43.7#
249 35.7 27.9 41.9

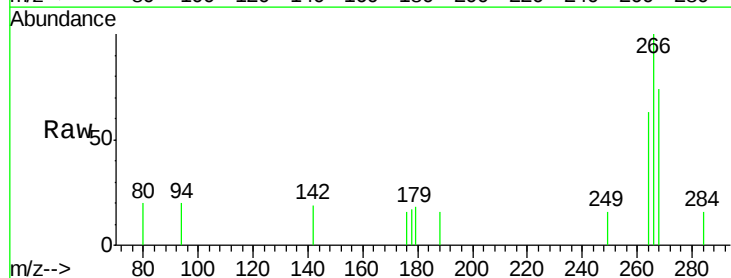


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

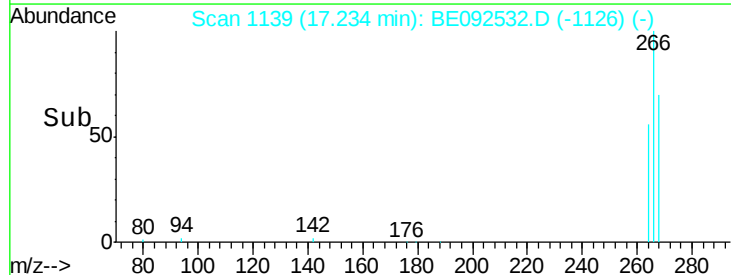
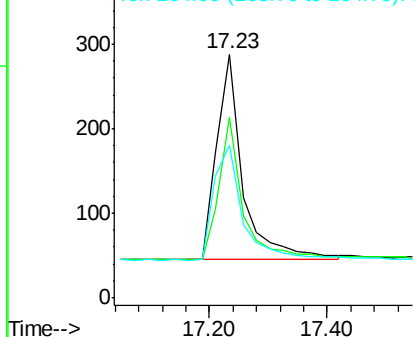


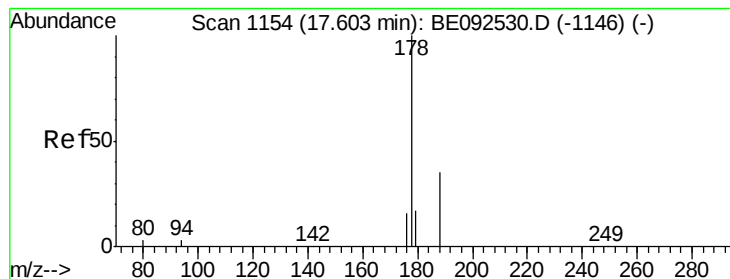
#20
Pentachlorophenol
Concen: 1.21 ng
RT: 17.23 min Scan# 1139
Delta R.T. -0.00 min
Lab File: BE092532.D
Acq: 16 Nov 2016 12:53

Tgt Ion: 266 Resp: 744
Ion Ratio Lower Upper
266 100
268 74.3 62.5 93.7
264 62.5 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: 1.56 ng

RT: 17.58 min Scan# 1154

Delta R.T. -0.02 min

Lab File: BE092532.D

Acq: 16 Nov 2016 12:53

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

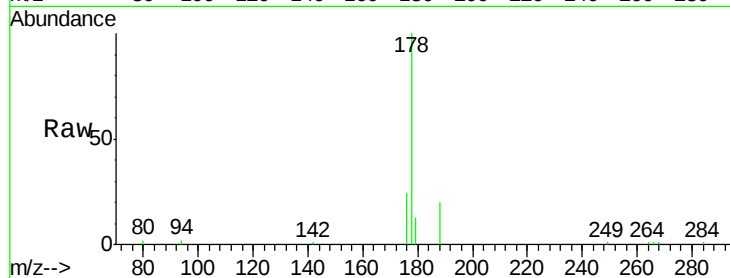
Tgt Ion:178 Resp: 19048

Ion Ratio Lower Upper

178 100

176 19.8 15.8 23.8

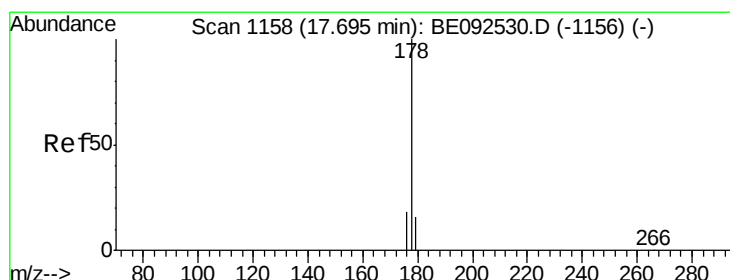
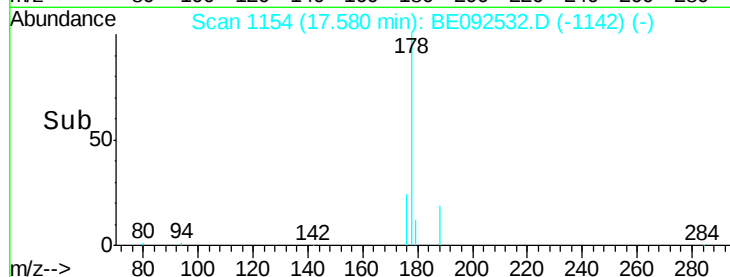
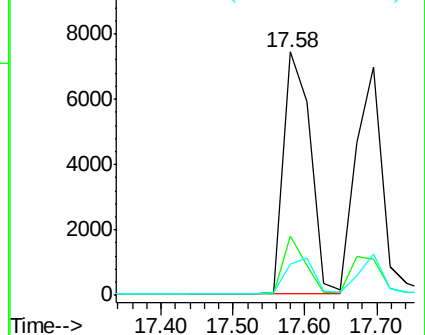
179 0.0 16.0 24.0#



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: 1.52 ng

RT: 17.69 min Scan# 1159

Delta R.T. -0.00 min

Lab File: BE092532.D

Acq: 16 Nov 2016 12:53

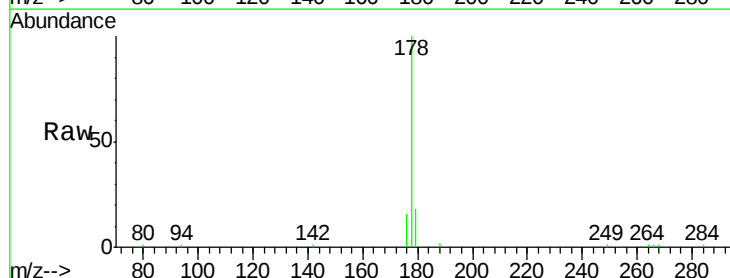
Tgt Ion:178 Resp: 17918

Ion Ratio Lower Upper

178 100

176 0.0 15.0 22.4#

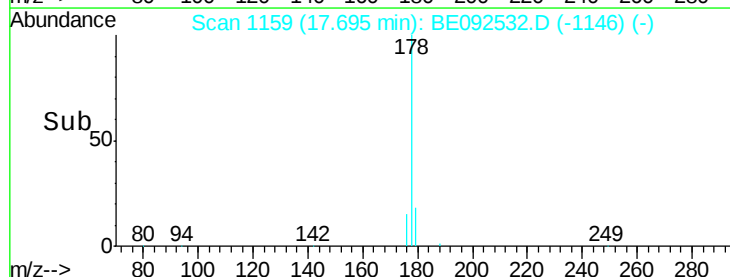
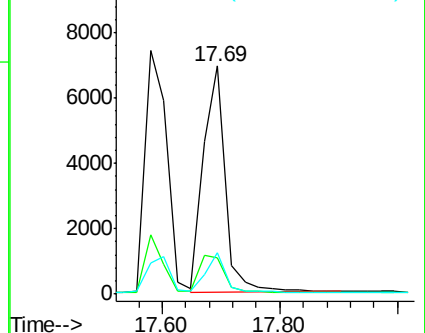
179 15.6 12.2 18.2

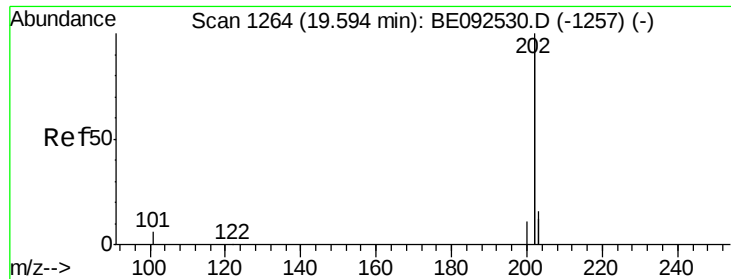


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#23

Fluoranthene

Concen: 1.51 ng

RT: 19.59 min Scan# 1265

Delta R.T. -0.00 min

Lab File: BE092532.D

Acq: 16 Nov 2016 12:53

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

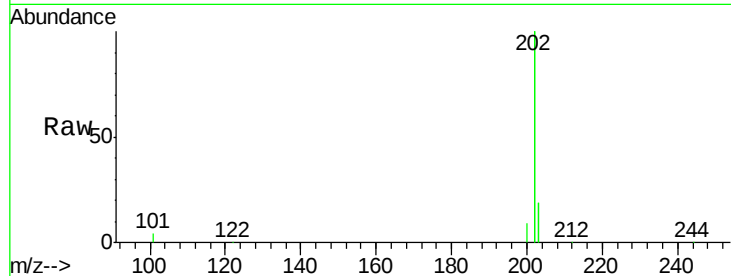
Tgt Ion:202 Resp: 92562

Ion Ratio Lower Upper

202 100

101 2.8 2.2 3.4

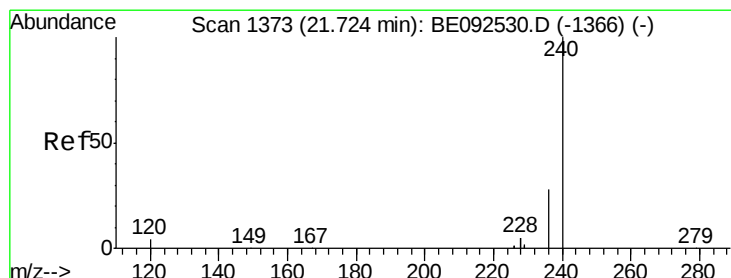
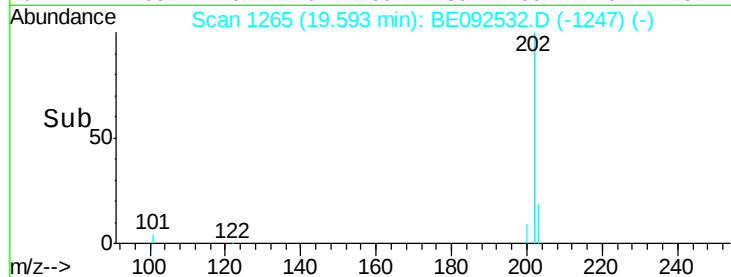
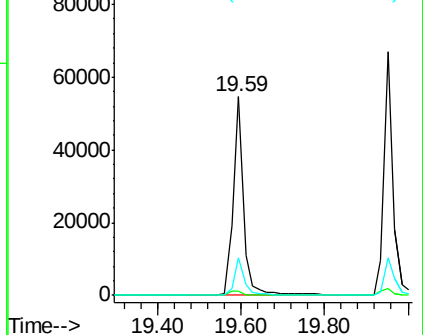
203 17.5 13.7 20.5



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: 21.72 min Scan# 1374

Delta R.T. -0.00 min

Lab File: BE092532.D

Acq: 16 Nov 2016 12:53

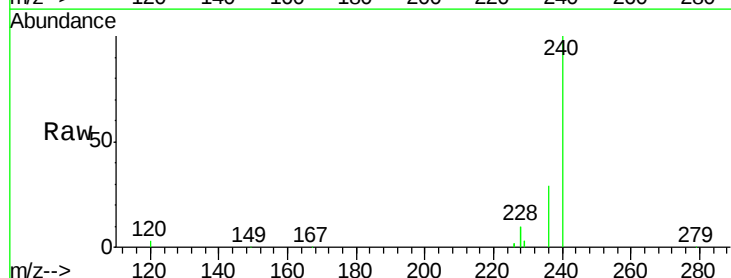
Tgt Ion:240 Resp: 81147

Ion Ratio Lower Upper

240 100

120 2.9 2.6 4.0

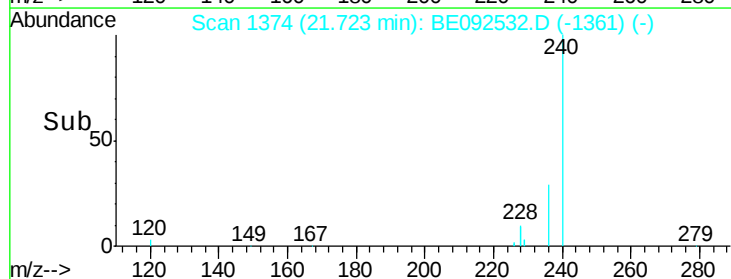
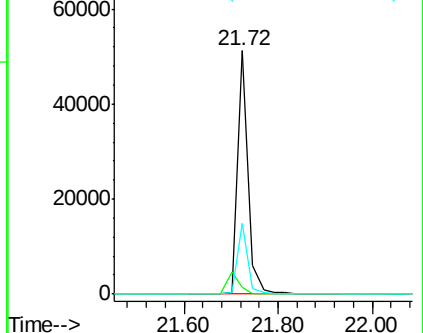
236 28.8 24.6 37.0

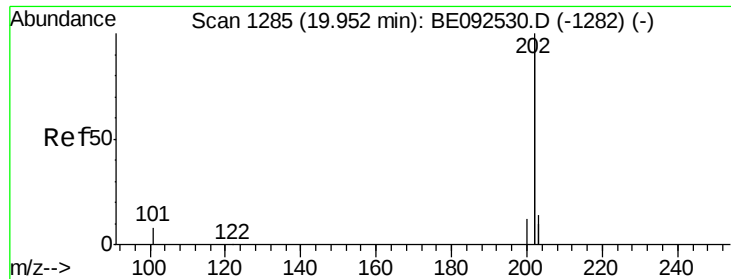


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

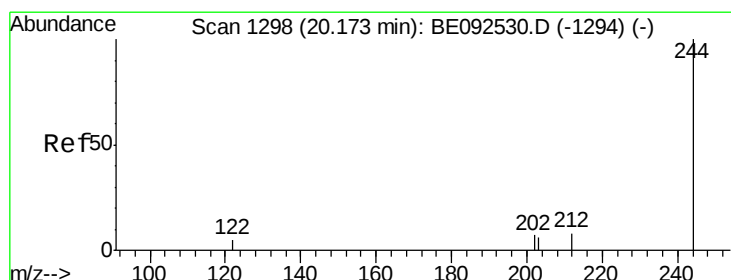
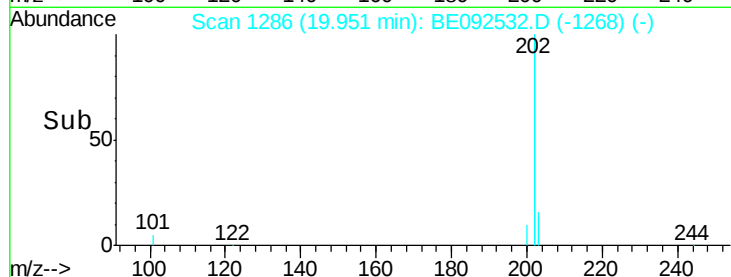
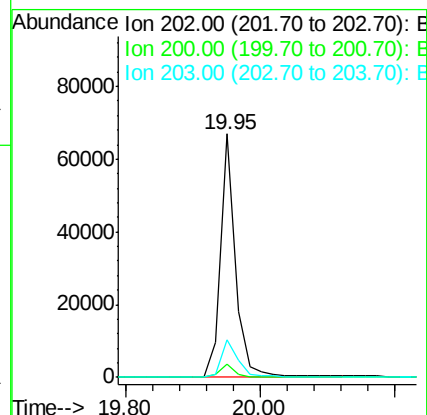
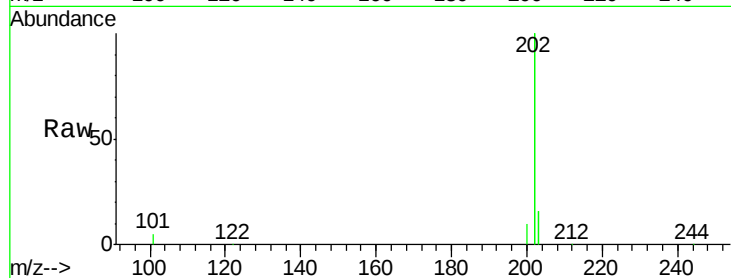




#25
Pyrene
Concen: 1.53 ng
RT: 19.95 min Scan# 1286
Delta R.T. -0.00 min
Lab File: BE092532.D
Acq: 16 Nov 2016 12:53

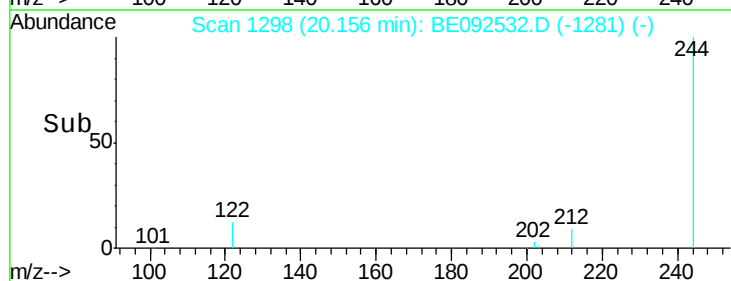
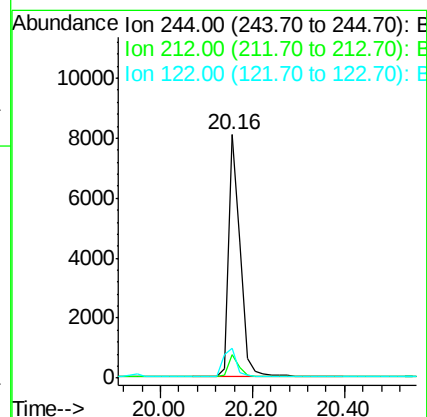
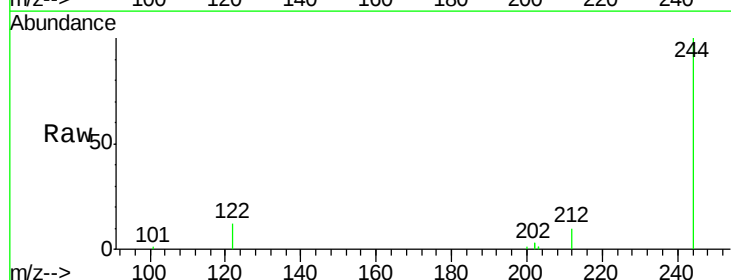
Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

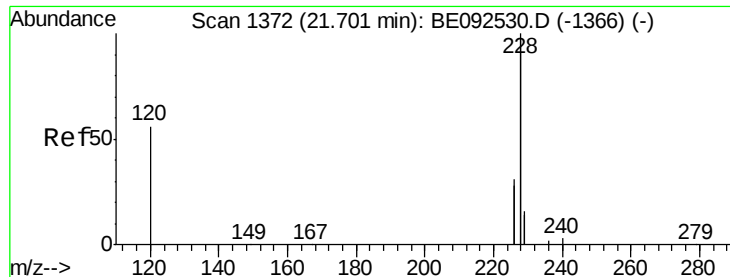
Tgt Ion: 202 Resp: 101767
Ion Ratio Lower Upper
202 100
200 5.2 4.2 6.4
203 16.9 13.9 20.9



#26
Terphenyl-d14
Concen: 1.46 ng
RT: 20.16 min Scan# 1298
Delta R.T. -0.02 min
Lab File: BE092532.D
Acq: 16 Nov 2016 12:53

Tgt Ion: 244 Resp: 14369
Ion Ratio Lower Upper
244 100
212 9.7 6.7 10.1
122 12.2 3.6 5.4#





#27

Benzo(a)anthracene

Concen: 2.69 ng

RT: 21.70 min Scan# 1373

Delta R.T. -0.00 min

Lab File: BE092532.D

Acq: 16 Nov 2016 12:53

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

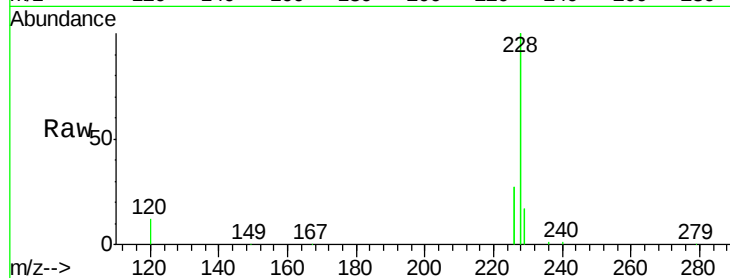
Tgt Ion:228 Resp: 221065

Ion Ratio Lower Upper

228 100

226 26.8 23.6 35.4

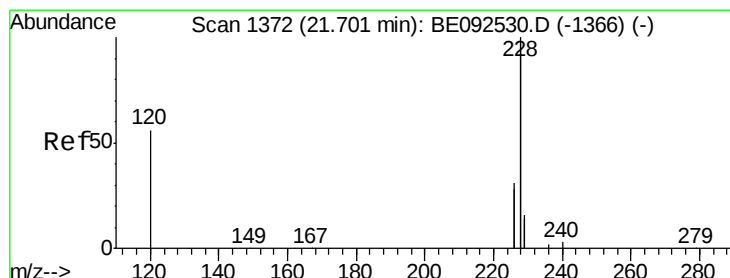
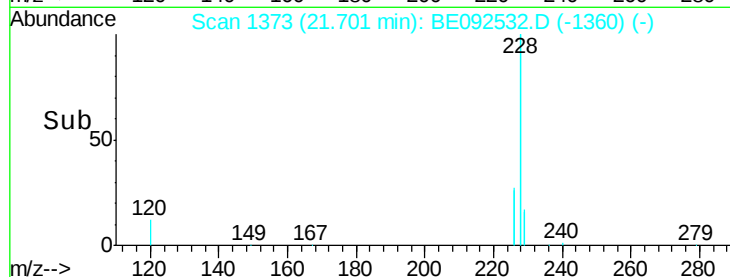
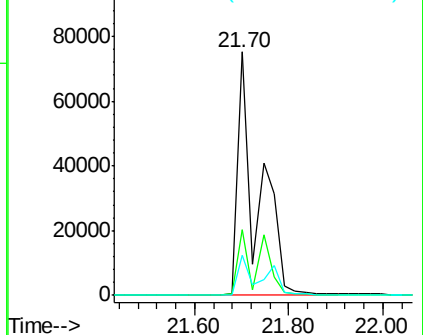
229 16.5 13.3 19.9



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: 2.52 ng

RT: 21.70 min Scan# 1373

Delta R.T. -0.07 min

Lab File: BE092532.D

Acq: 16 Nov 2016 12:53

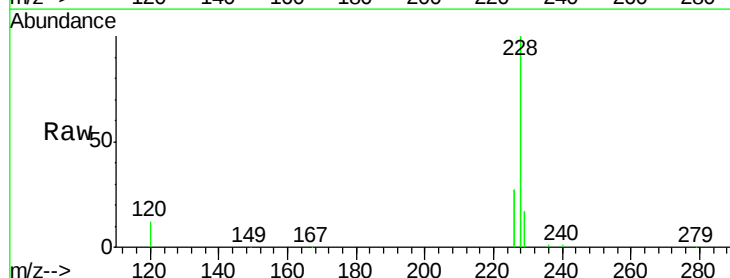
Tgt Ion:228 Resp: 221954

Ion Ratio Lower Upper

228 100

226 26.8 36.3 54.5#

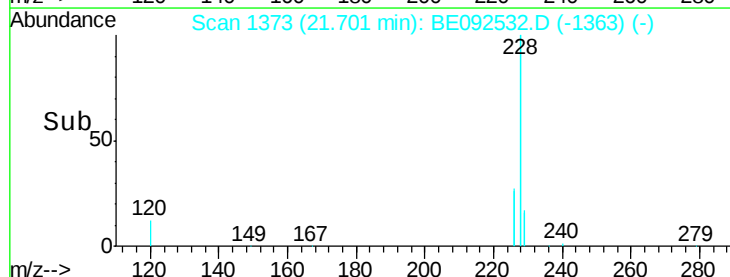
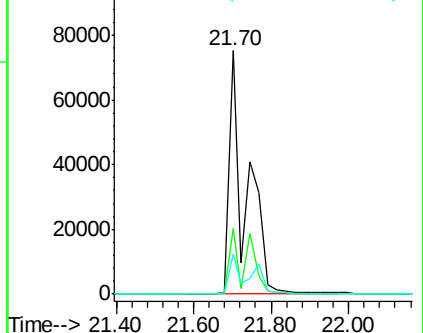
229 16.5 10.6 16.0#

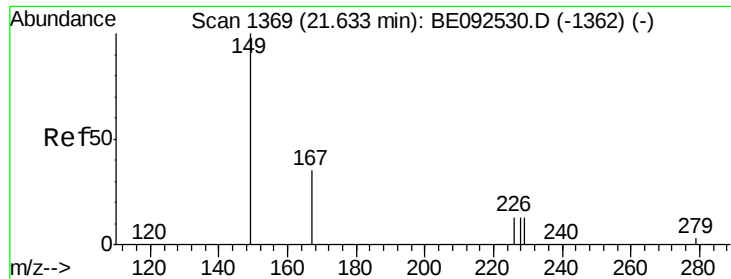


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#29

Bis(2-ethylhexyl)phthalate

Concen: 0.79 ng

RT: 21.61 min Scan# 1369

Delta R.T. -0.02 min

Lab File: BE092532.D

Acq: 16 Nov 2016 12:53

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

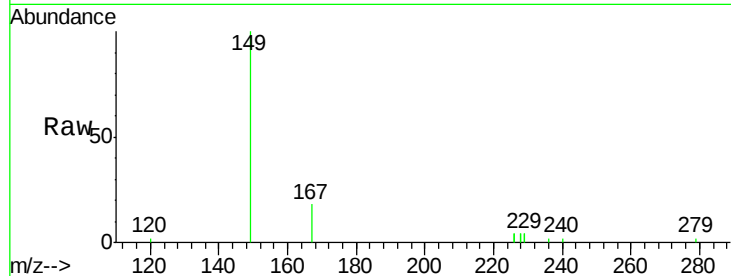
Tgt Ion:149 Resp: 6818

Ion Ratio Lower Upper

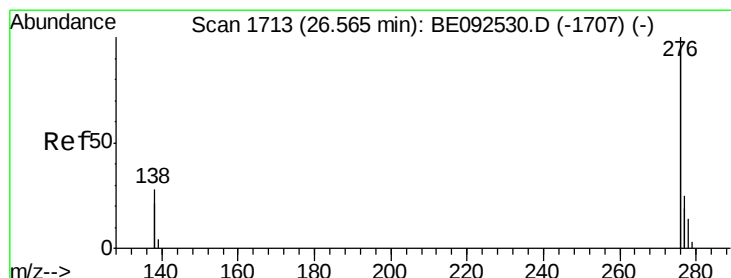
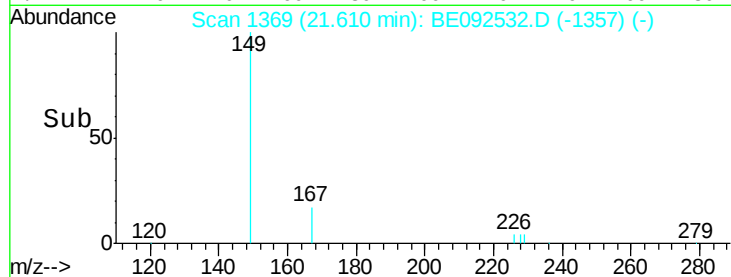
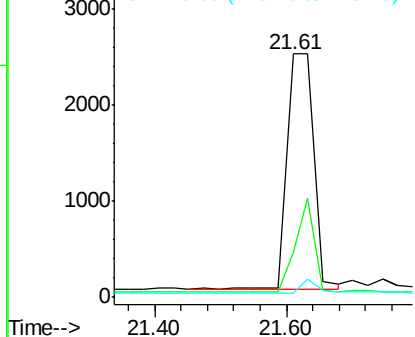
149 100

167 0.0 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: 1.30 ng

RT: 26.56 min Scan# 1714

Delta R.T. -0.00 min

Lab File: BE092532.D

Acq: 16 Nov 2016 12:53

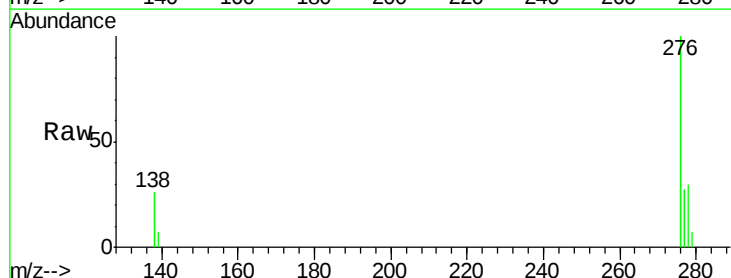
Tgt Ion:276 Resp: 116717

Ion Ratio Lower Upper

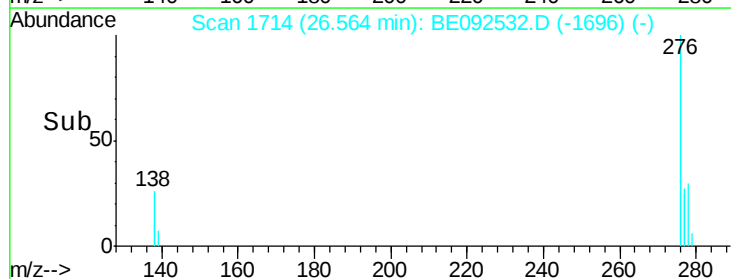
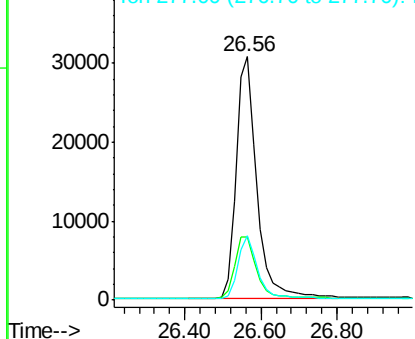
276 100

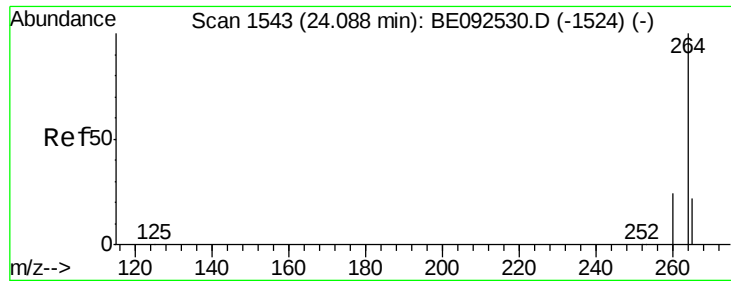
138 27.5 20.3 30.5

277 25.0 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

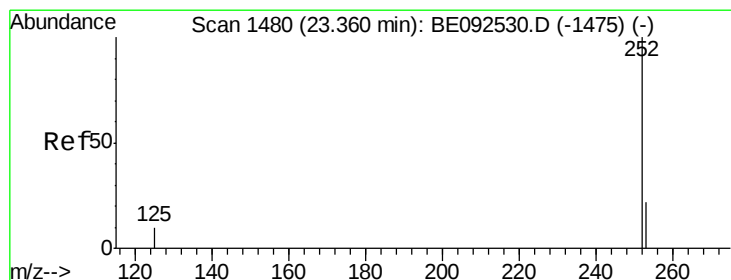
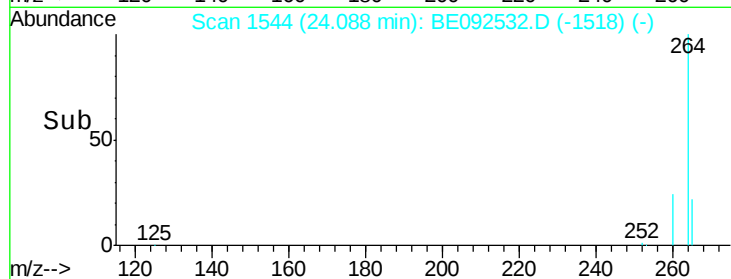
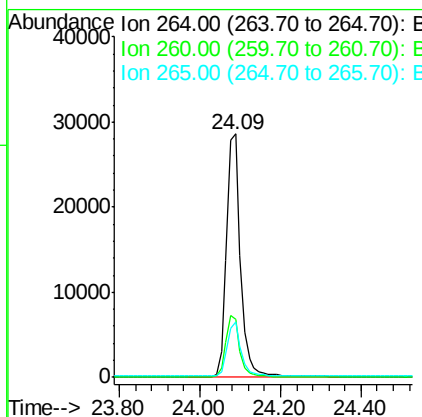
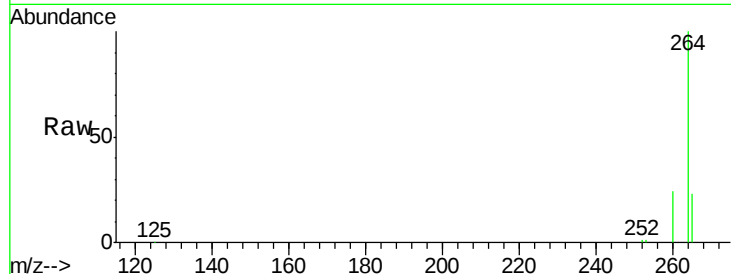




#31
Perylene-d12
 Concen: 5.00 ng
 RT: 24.09 min Scan# 1544
 Delta R.T. -0.00 min
 Lab File: BE092532.D
 Acq: 16 Nov 2016 12:53

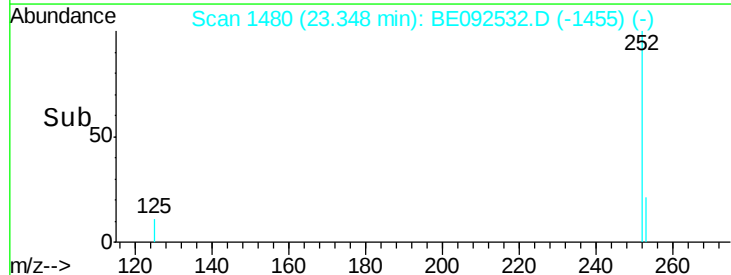
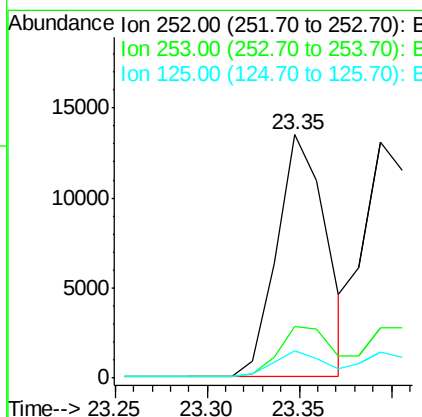
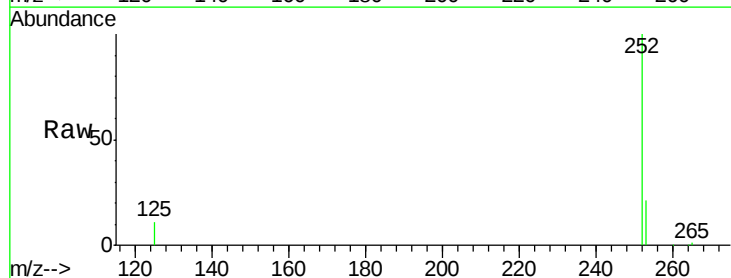
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC1.6

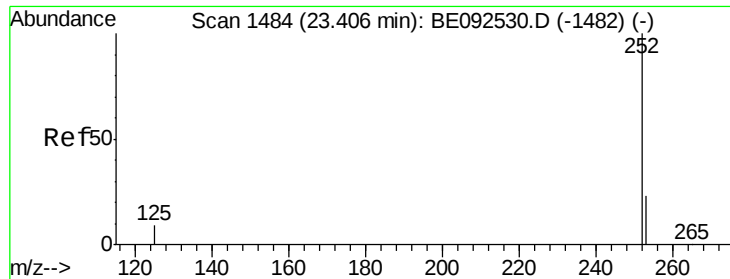
Tgt Ion: 264 Resp: 69009
 Ion Ratio Lower Upper
 264 100
 260 23.6 20.1 30.1
 265 23.0 17.9 26.9



#32
Benzo(b)fluoranthene
 Concen: 0.96 ng
 RT: 23.35 min Scan# 1480
 Delta R.T. -0.01 min
 Lab File: BE092532.D
 Acq: 16 Nov 2016 12:53

Tgt Ion: 252 Resp: 25035
 Ion Ratio Lower Upper
 252 100
 253 21.4 18.7 28.1
 125 11.3 10.5 15.7





#33

Benzo(k)fluoranthene

Concen: 1.03 ng

RT: 23.39 min Scan# 1484

Delta R.T. -0.01 min

Lab File: BE092532.D

Acq: 16 Nov 2016 12:53

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

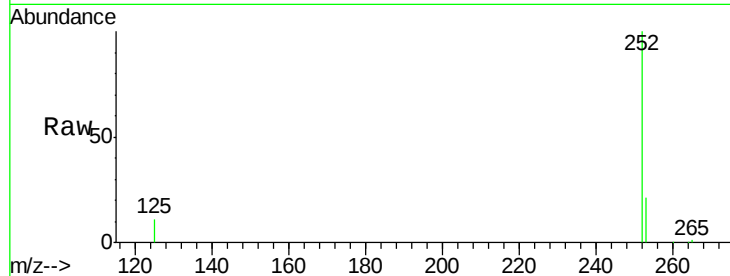
Tgt Ion:252 Resp: 28051

Ion Ratio Lower Upper

252 100

253 21.1 20.3 30.5

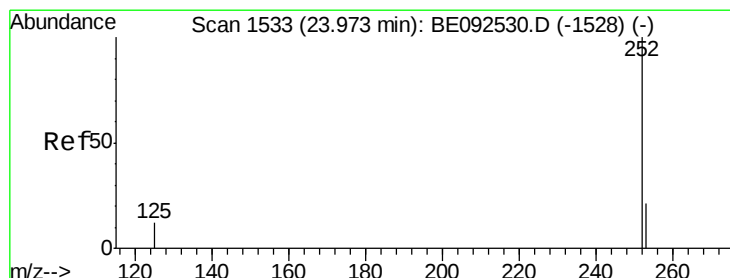
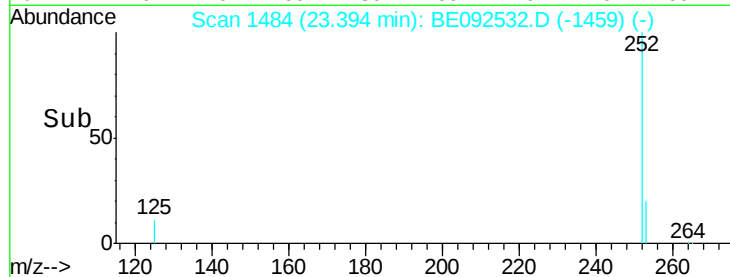
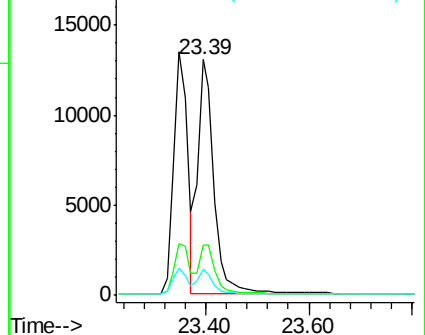
125 11.2 9.6 14.4



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: 1.34 ng

RT: 23.97 min Scan# 1534

Delta R.T. -0.00 min

Lab File: BE092532.D

Acq: 16 Nov 2016 12:53

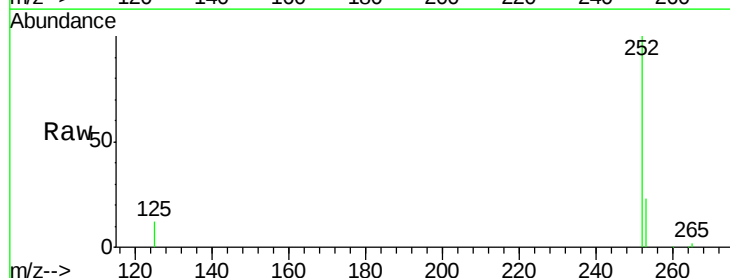
Tgt Ion:252 Resp: 23819

Ion Ratio Lower Upper

252 100

253 23.0 19.0 28.6

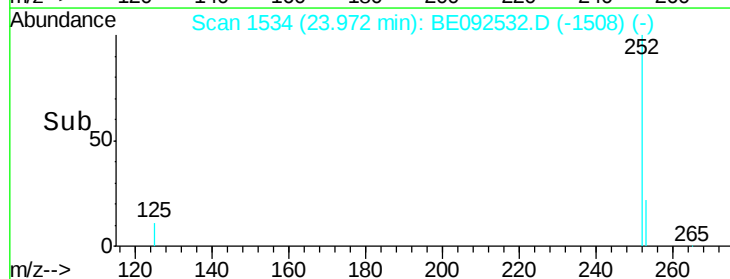
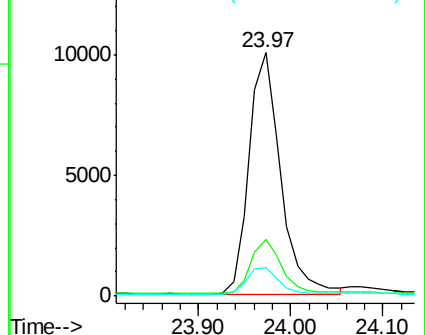
125 11.7 11.8 17.8#

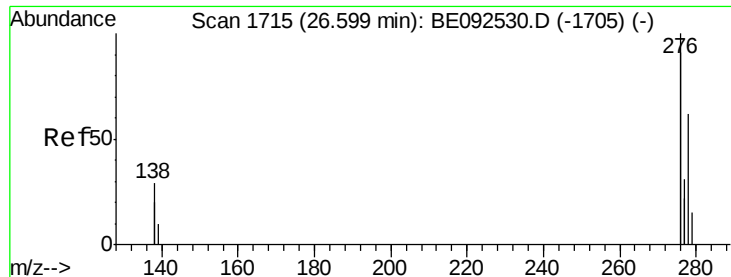


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#35

Dibenzo(a,h)anthracene

Concen: 1.44 ng

RT: 26.58 min Scan# 1715

Delta R.T. -0.02 min

Lab File: BE092532.D

Acq: 16 Nov 2016 12:53

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

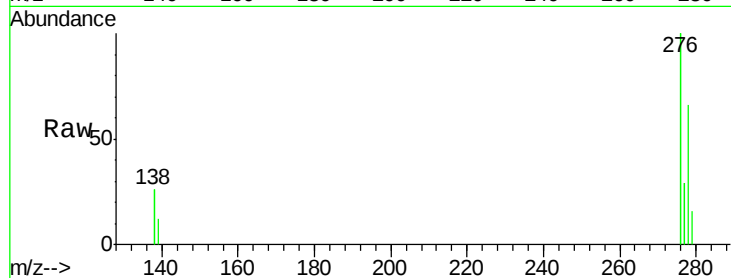
Tgt Ion: 278 Resp: 24103

Ion Ratio Lower Upper

278 100

139 17.4 13.8 20.8

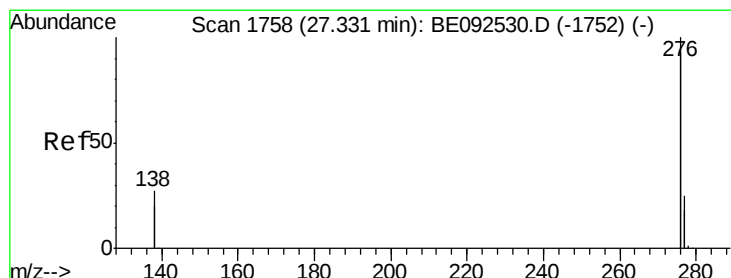
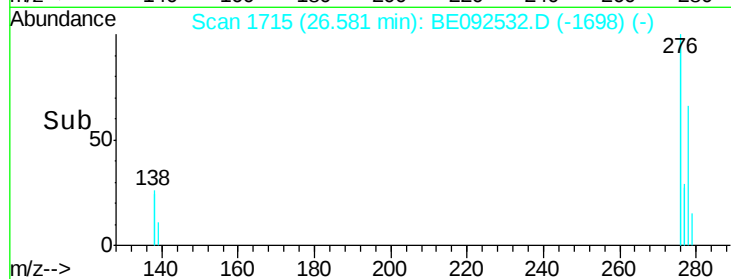
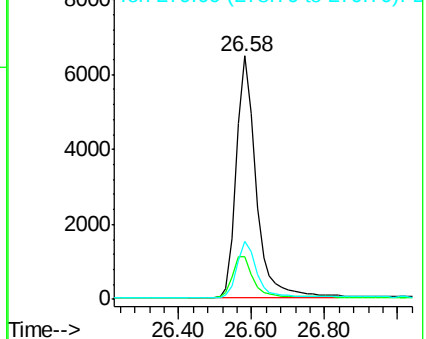
279 24.0 21.4 32.2



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: 1.46 ng

RT: 27.33 min Scan# 1759

Delta R.T. -0.00 min

Lab File: BE092532.D

Acq: 16 Nov 2016 12:53

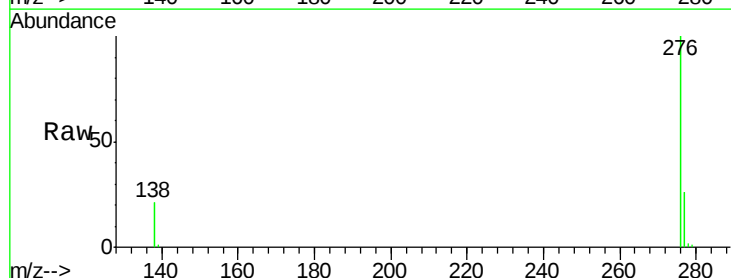
Tgt Ion: 276 Resp: 100792

Ion Ratio Lower Upper

276 100

277 25.6 19.8 29.8

138 21.5 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

