

Data Path : Z:\HPCHEM1\BNA E\Data\BE030117\
 Data File : BE092776.D
 Acq On : 1 Mar 2017 10:08
 Operator : SJ/MA
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Mar 01 12:42:17 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	8.10	152	8993	5.00	ng	-0.02
7) Naphthalene-d8	10.87	136	41412	5.00	ng	-0.02
12) Acenaphthene-d10	14.75	164	28391	5.00	ng	-0.02
18) Phenanthrene-d10	17.51	188	68142	5.00	ng	0.00
24) Chrysene-d12	21.68	240	85624	5.00	ng	-0.02
31) Perylene-d12	24.02	264	80482	5.00	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.62	112	677	0.39	ng	-0.02
5) Phenol-d6	7.31	99	775	0.36	ng	0.00
8) Nitrobenzene-d5	9.16	82	119	0.12	ng	-0.16
13) 2,4,6-Tribromophenol	16.26	330	251	0.42	ng	-0.02
14) 2-Fluorobiphenyl	13.39	172	2587	0.37	ng	-0.01
26) Terphenyl-d14	20.12	244	4209	0.39	ng	-0.02

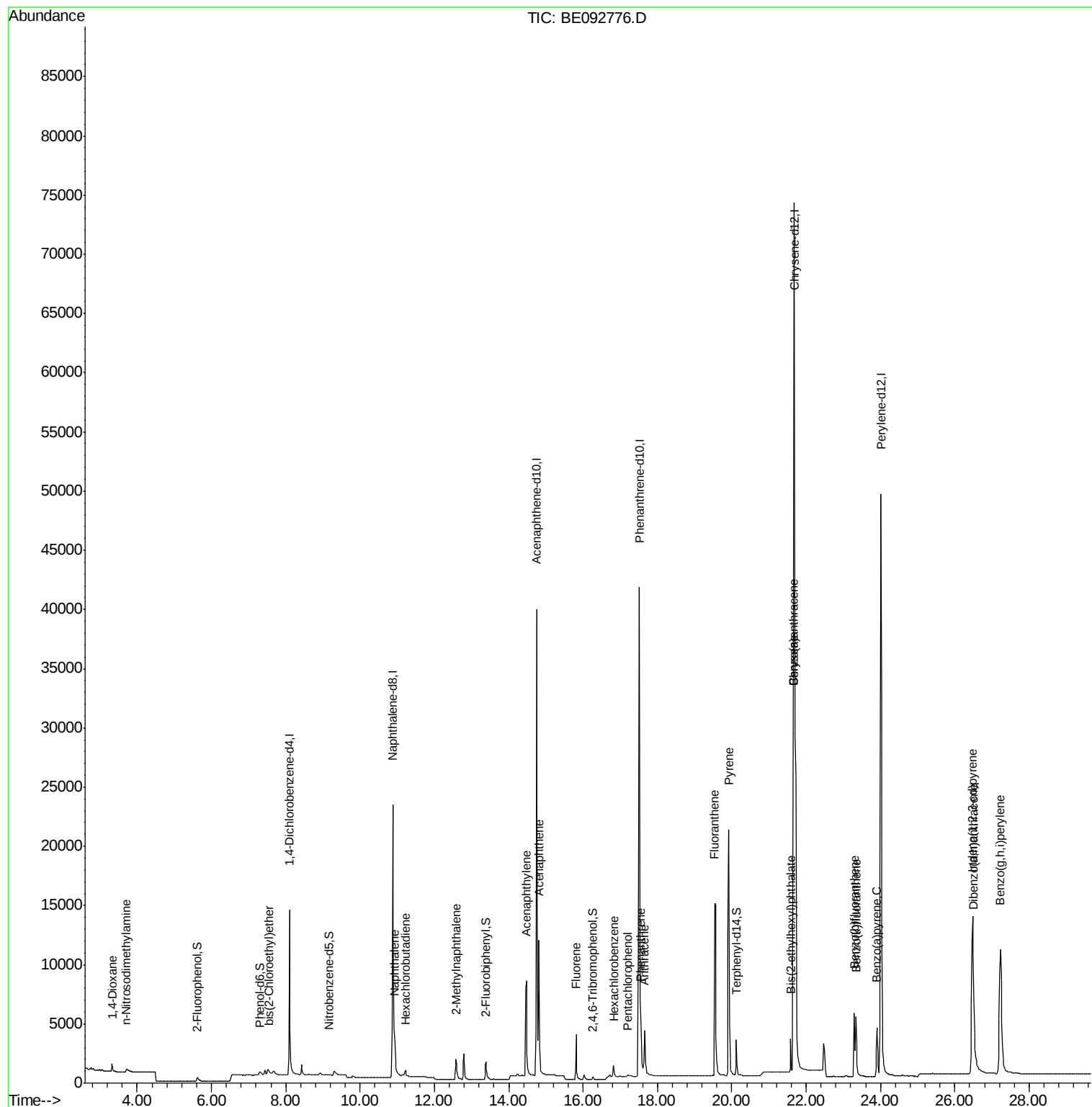
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.33	88	557	0.45	ng	92
3) n-Nitrosodimethylamine	3.71	42	481	0.49	ng	# 96
6) bis(2-Chloroethyl)ether	7.54	93	873	0.37	ng	# 28
9) Naphthalene	10.93	128	3600	0.40	ng	99
10) Hexachlorobutadiene	11.22	225	513	0.39	ng	100
11) 2-Methylnaphthalene	12.58	142	2218	0.39	ng	98
15) Acenaphthylene	14.47	152	16681	0.39	ng	99
16) Acenaphthene	14.81	154	2416	0.39	ng	84
17) Fluorene	15.81	166	3332	0.42	ng	99
19) Hexachlorobenzene	16.82	284	963	0.37	ng	94
20) Pentachlorophenol	17.21	266	217	0.53	ng	92
21) Phenanthrene	17.56	178	5914	0.37	ng	# 75
22) Anthracene	17.65	178	5926	0.40	ng	99
23) Fluoranthene	19.54	202	29678	0.43	ng	99
25) Pyrene	19.92	202	31981	0.39	ng	99
27) Benzo(a)anthracene	21.66	228	67729	0.82	ng	93
28) Chrysene	21.66	228	67995	0.69	ng	# 86
29) Bis(2-ethylhexyl)phthalate	21.59	149	3296	0.34	ng	# 66
30) Indeno(1,2,3-cd)pyrene	26.48	276	33815	0.36	ng	97
32) Benzo(b)fluoranthene	23.30	252	8653	0.44	ng	96
33) Benzo(k)fluoranthene	23.35	252	7964	0.36	ng	100
34) Benzo(a)pyrene	23.90	252	7523	0.36	ng	100
35) Dibenzo(a,h)anthracene	26.50	278	7050	0.35	ng	97
36) Benzo(g,h,i)perylene	27.23	276	30360	0.36	ng	99

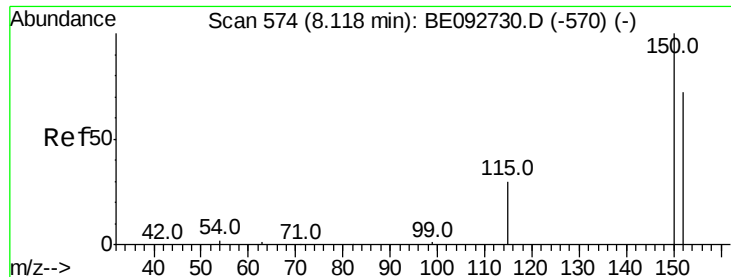
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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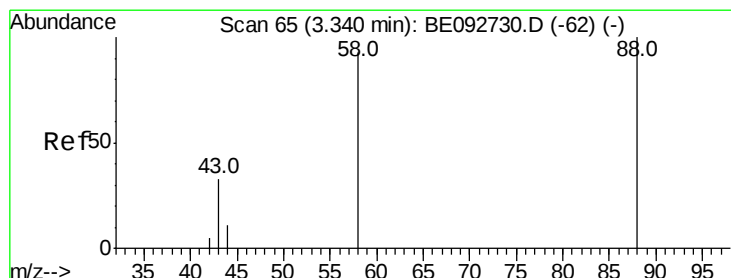
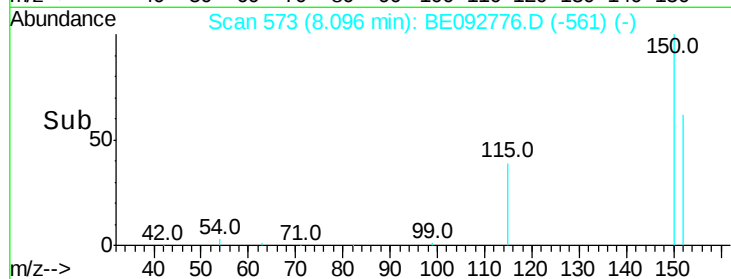
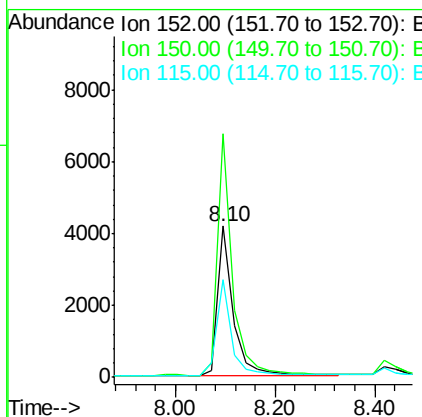
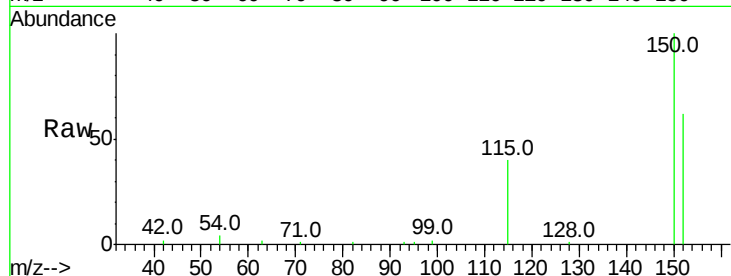




#1
 1,4-Dichlorobenzene-d4
 Concen: 5.00 ng
 RT: 8.10 min Scan# 573
 Delta R.T. -0.02 min
 Lab File: BE092776.D
 Acq: 1 Mar 2017 10:08

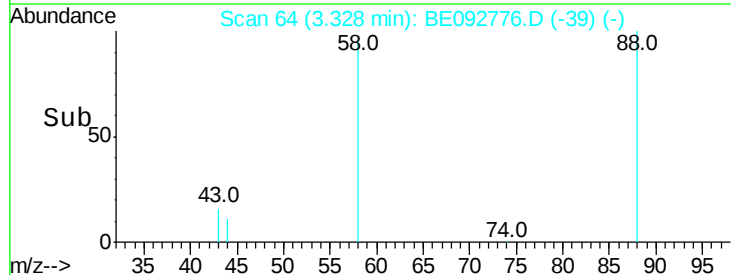
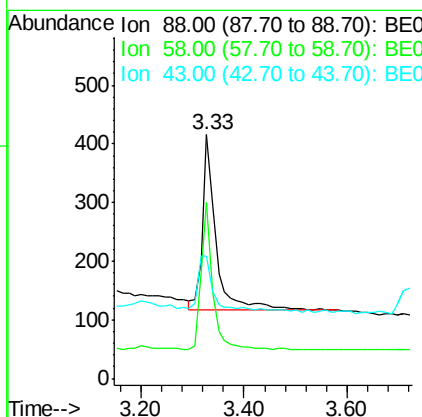
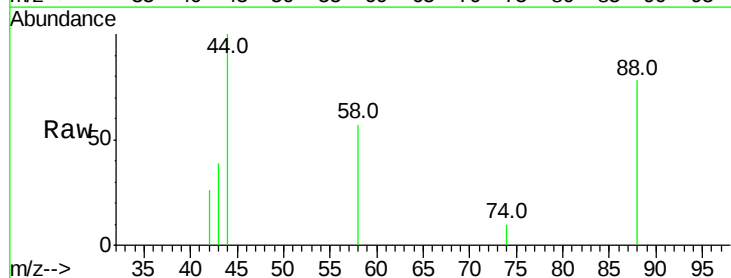
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

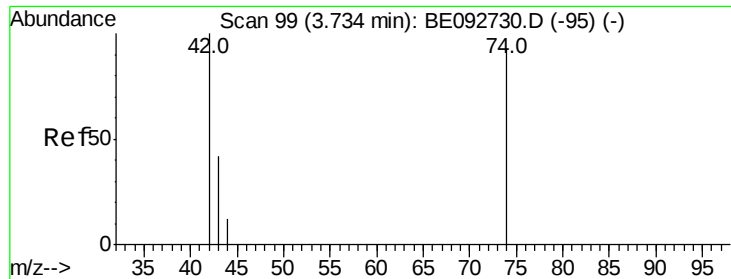
Tot Ion:152 Resp: 8993
 Ion Ratio Lower Upper
 152 100
 150 161.4 106.0 159.0#
 115 64.6 31.2 46.8#



#2
 1,4-Dioxane
 Concen: 0.45 ng
 RT: 3.33 min Scan# 64
 Delta R.T. -0.01 min
 Lab File: BE092776.D
 Acq: 1 Mar 2017 10:08

Tgt Ion: 88 Resp: 557
 Ion Ratio Lower Upper
 88 100
 58 70.6 63.6 95.4
 43 37.2 28.0 42.0



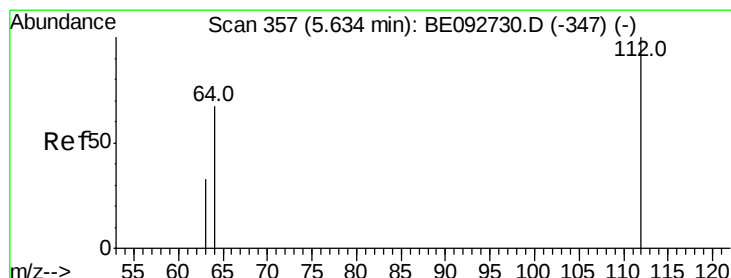
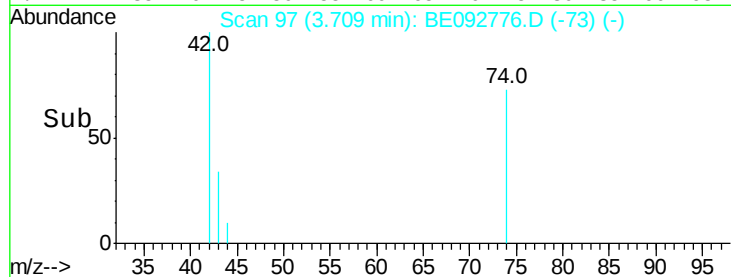
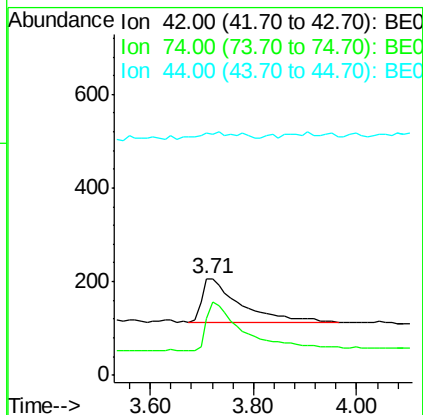
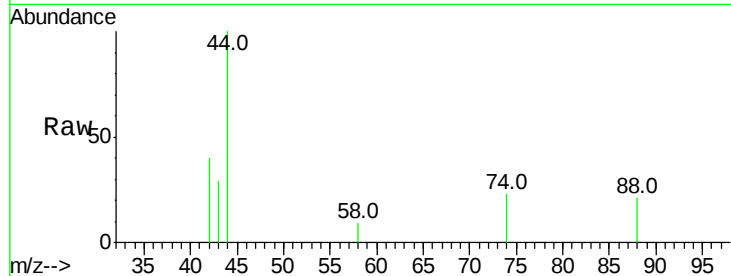


#3

n-Nitrosodimethylamine
Concen: 0.49 ng
RT: 3.71 min Scan# 97
Delta R.T. -0.02 min
Lab File: BE092776.D
Acq: 1 Mar 2017 10:08

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

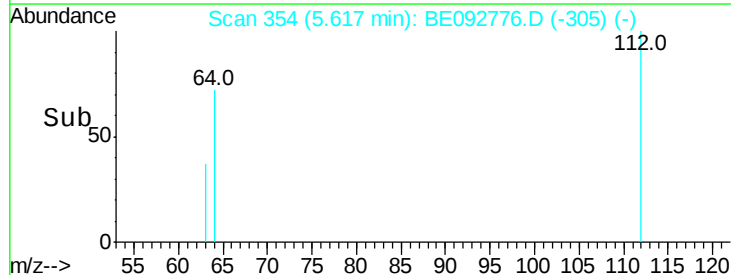
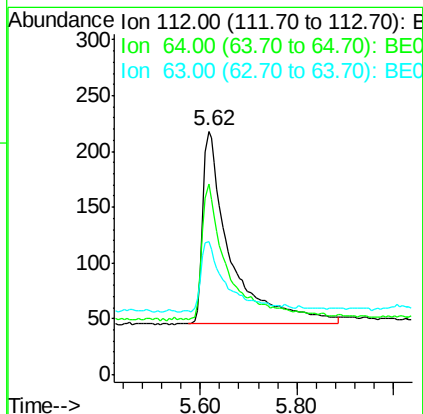
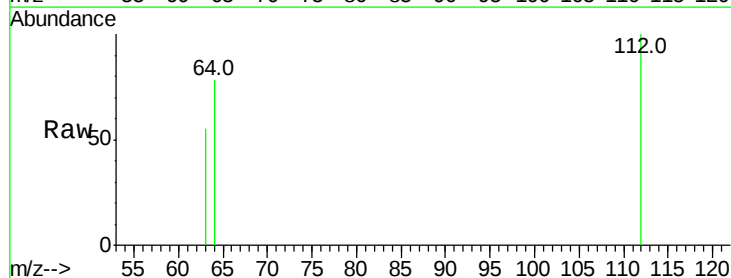
Tot Ion: 42 Resp: 481
Ion Ratio Lower Upper
42 100
74 110.4 86.0 129.0
44 0.0 5.1 7.7#

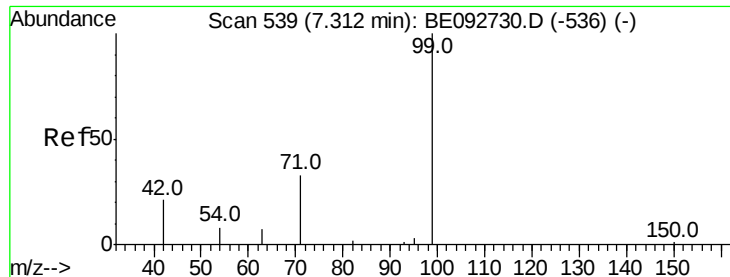


#4

2-Fluorophenol
Concen: 0.39 ng
RT: 5.62 min Scan# 354
Delta R.T. -0.02 min
Lab File: BE092776.D
Acq: 1 Mar 2017 10:08

Tgt Ion: 112 Resp: 677
Ion Ratio Lower Upper
112 100
64 67.8 53.5 80.3
63 34.7 27.9 41.9





#5

Phenol-d6

Concen: 0.36 ng

RT: 7.31 min Scan# 539

Delta R.T. 0.00 min

Lab File: BE092776.D

Acq: 1 Mar 2017 10:08

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

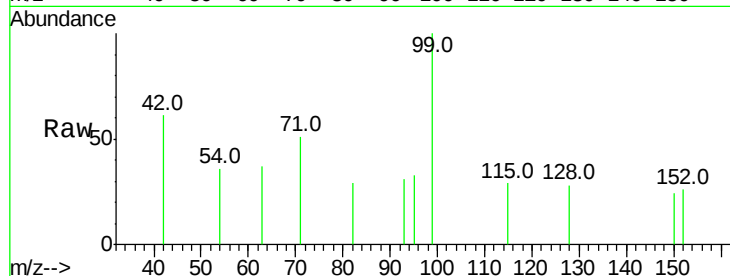
Tot Ion: 99 Resp: 775

Ion Ratio Lower Upper

99 100

42 0.0 16.0 24.0#

71 0.0 30.6 45.8#

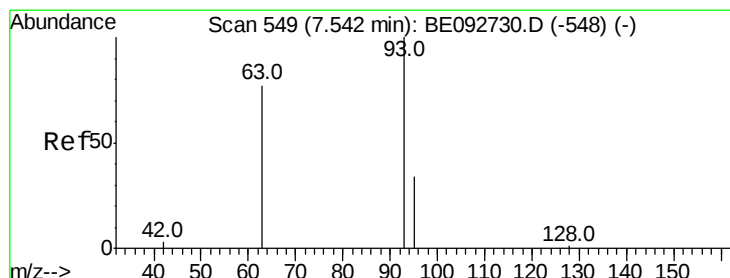
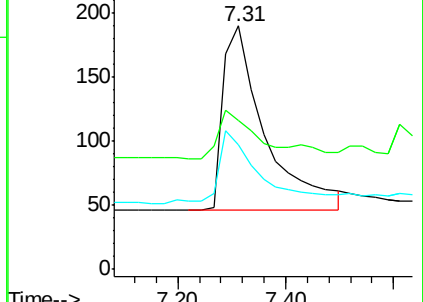
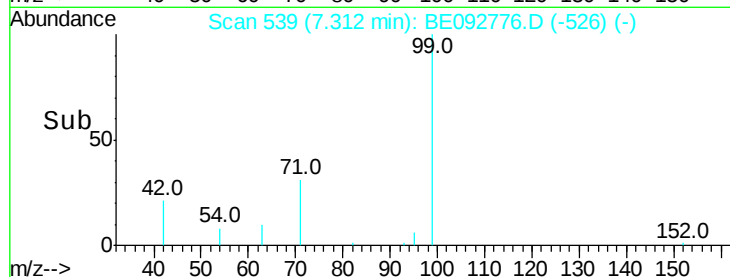


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: 0.37 ng

RT: 7.54 min Scan# 549

Delta R.T. 0.00 min

Lab File: BE092776.D

Acq: 1 Mar 2017 10:08

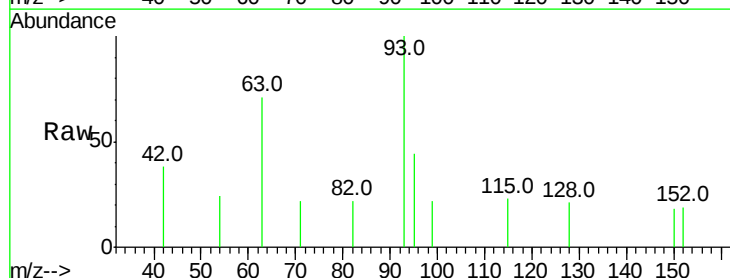
Tgt Ion: 93 Resp: 873

Ion Ratio Lower Upper

93 100

63 0.0 71.6 107.4#

95 30.9 24.0 36.0

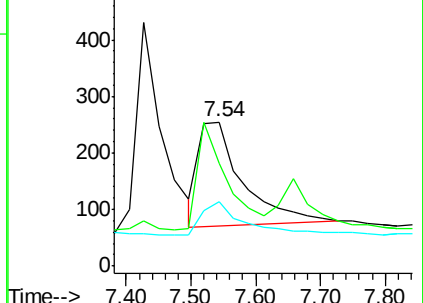
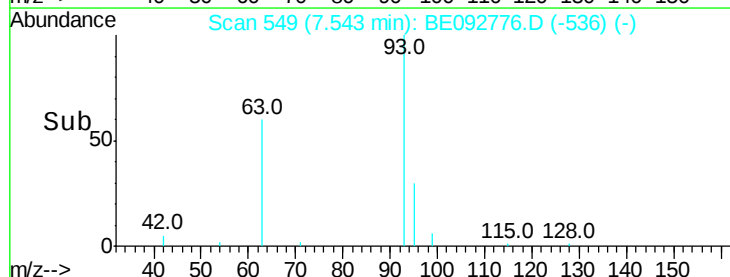


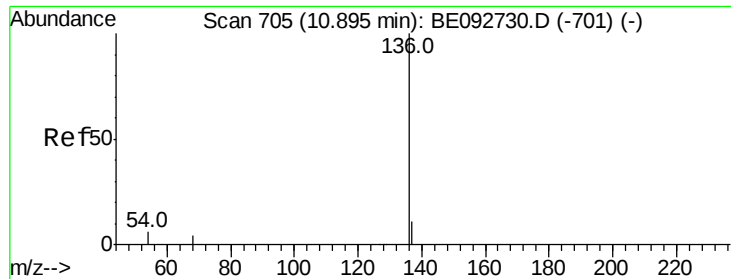
Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.87 min Scan# 704

Delta R.T. -0.02 min

Lab File: BE092776.D

Acq: 1 Mar 2017 10:08

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tot Ion:136 Resp: 41412

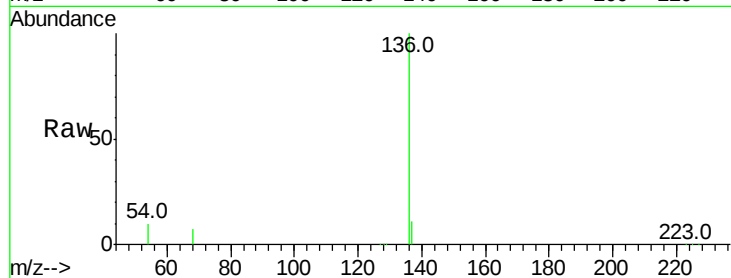
Ion Ratio Lower Upper

136 100

137 10.7 8.2 12.4

54 9.8 9.6 14.4

68 7.1 6.7 10.1

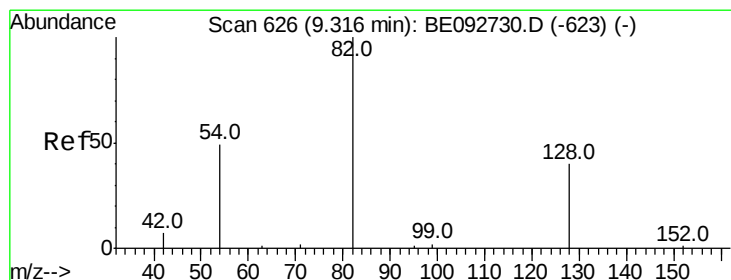
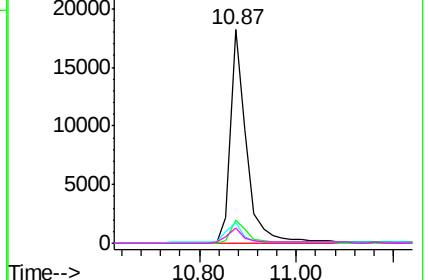
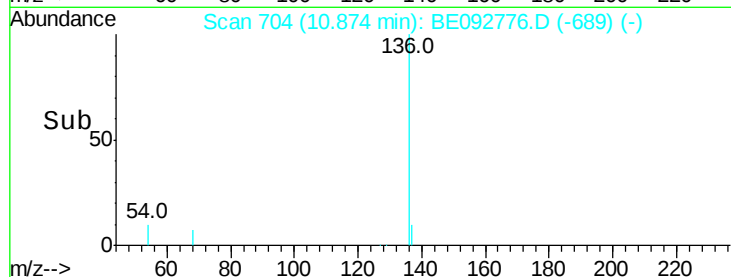


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.12 ng

RT: 9.16 min Scan# 619

Delta R.T. -0.16 min

Lab File: BE092776.D

Acq: 1 Mar 2017 10:08

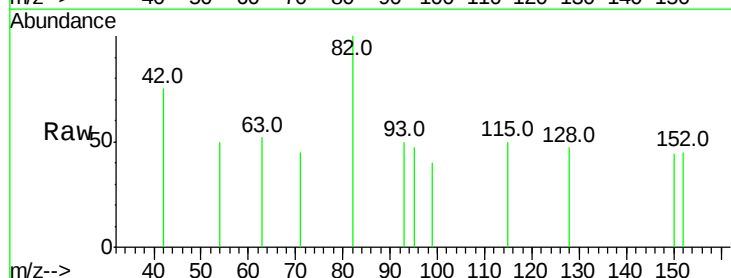
Tgt Ion: 82 Resp: 119

Ion Ratio Lower Upper

82 100

128 47.4 39.0 58.4

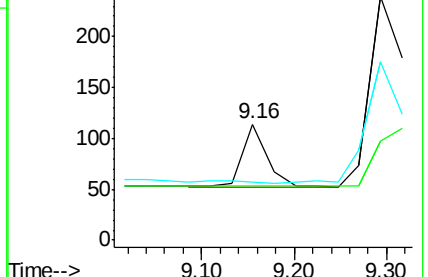
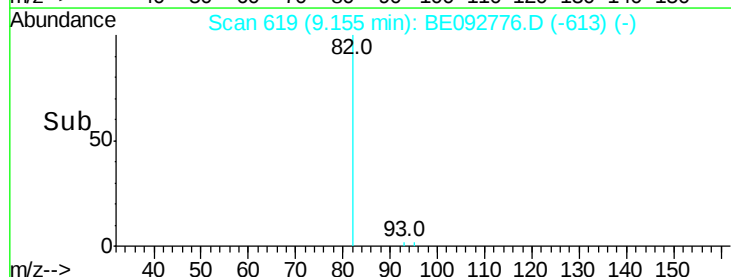
54 50.0 44.8 67.2

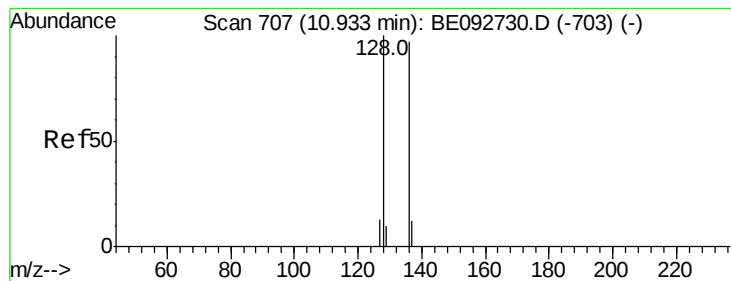


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.40 ng

RT: 10.93 min Scan# 707

Delta R.T. -0.00 min

Lab File: BE092776.D

Acq: 1 Mar 2017 10:08

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

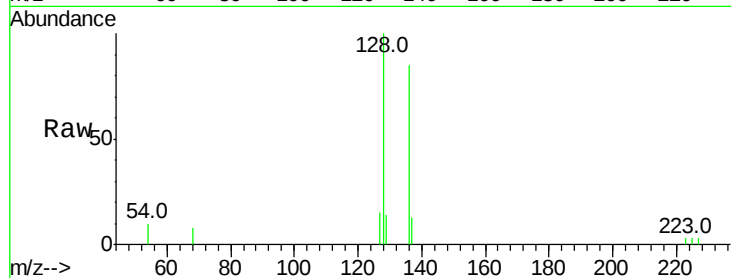
Tot Ion:128 Resp: 3600

Ion Ratio Lower Upper

128 100

129 14.3 11.2 16.8

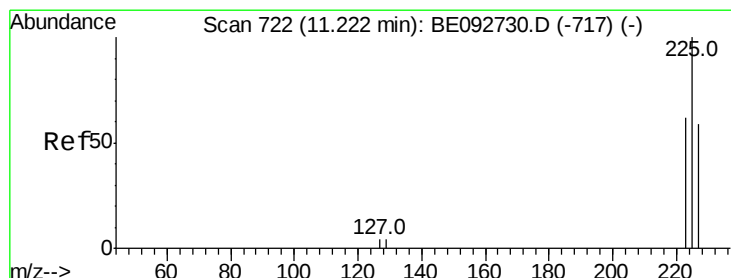
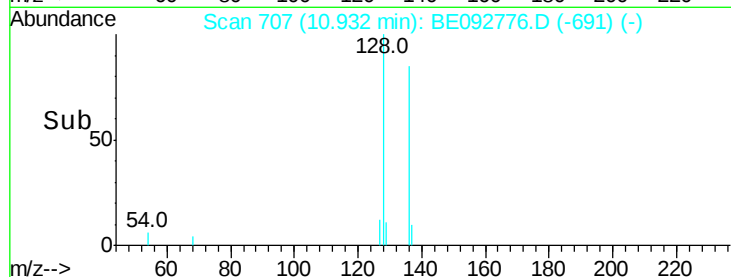
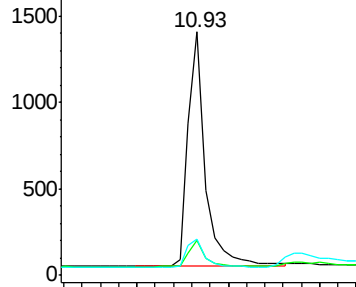
127 15.0 11.6 17.4



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: 0.39 ng

RT: 11.22 min Scan# 722

Delta R.T. -0.00 min

Lab File: BE092776.D

Acq: 1 Mar 2017 10:08

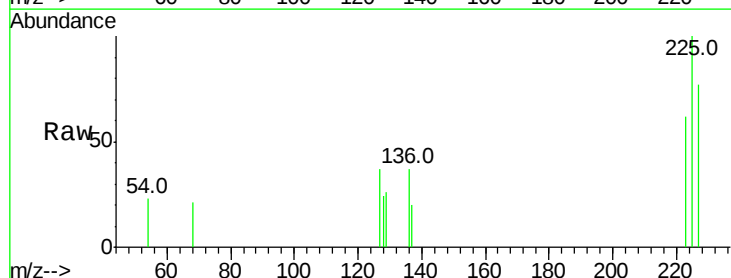
Tgt Ion:225 Resp: 513

Ion Ratio Lower Upper

225 100

223 63.4 50.6 76.0

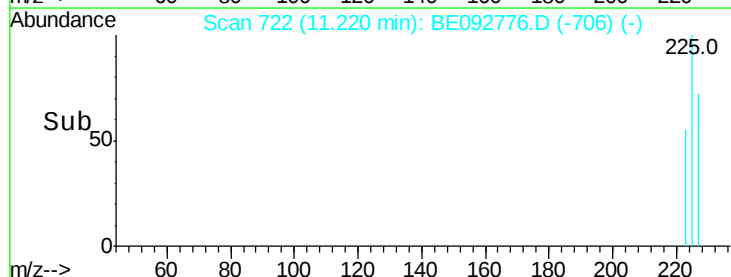
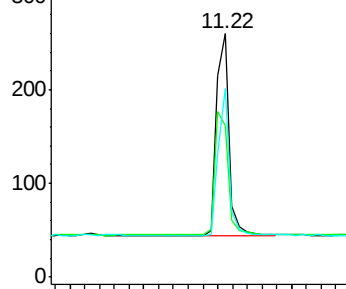
227 64.5 51.4 77.0

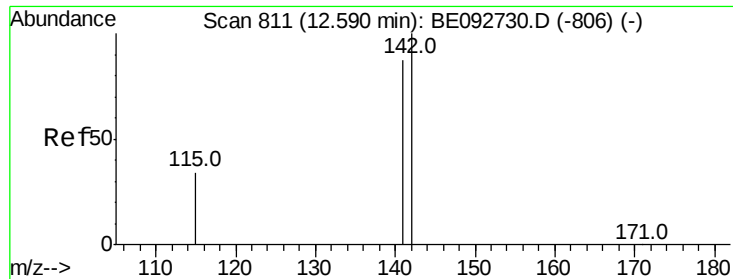


Abundance Ion 225.00 (224.70 to 225.70): E

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: 12.58 min Scan# 810

Delta R.T. -0.01 min

Lab File: BE092776.D

Acq: 1 Mar 2017 10:08

Instrument :

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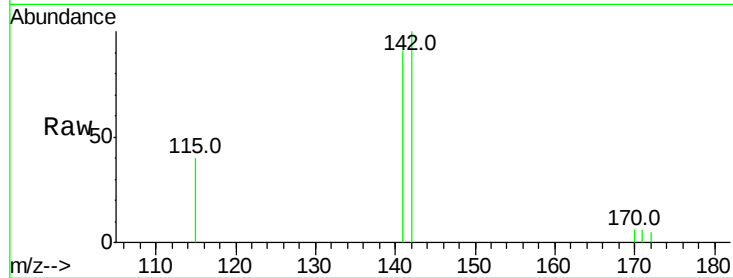
Tot Ion:142 Resp: 2218

Ion Ratio Lower Upper

142 100

141 90.8 73.7 110.5

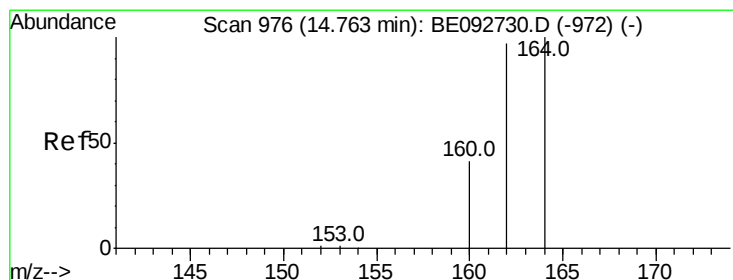
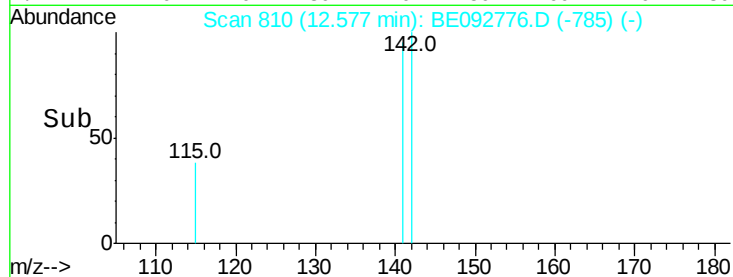
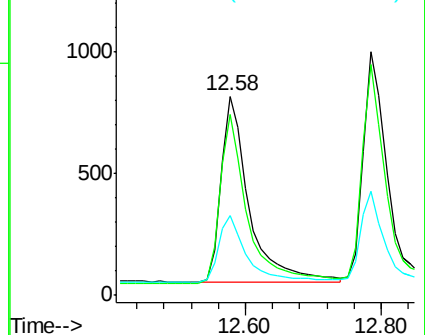
115 40.1 34.0 51.0



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: 14.75 min Scan# 976

Delta R.T. -0.02 min

Lab File: BE092776.D

Acq: 1 Mar 2017 10:08

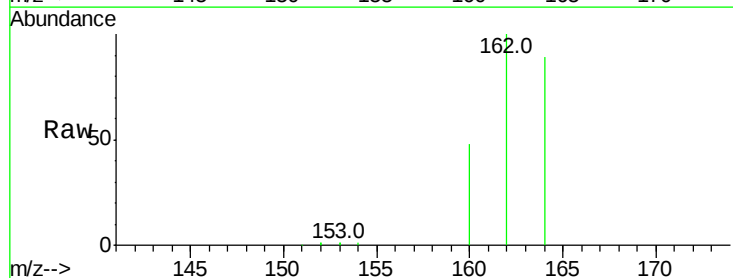
Tgt Ion:164 Resp: 28391

Ion Ratio Lower Upper

164 100

162 112.3 71.4 107.0#

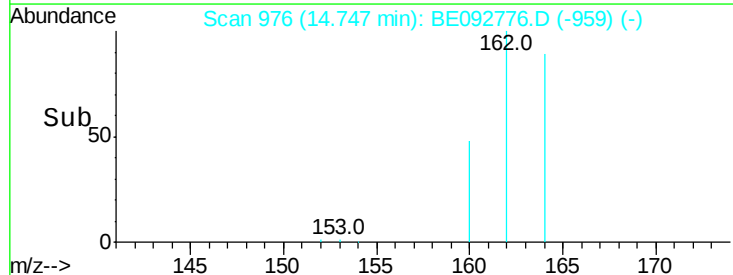
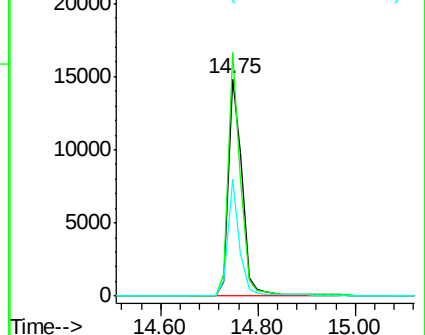
160 54.2 27.4 41.2#

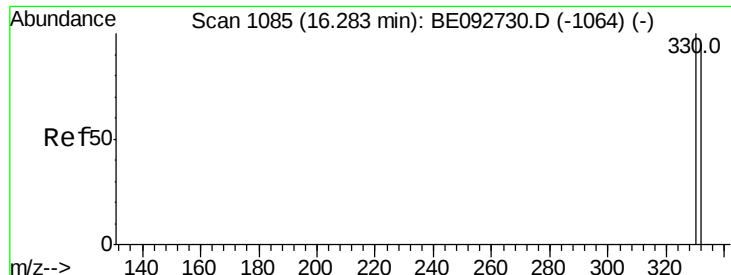


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

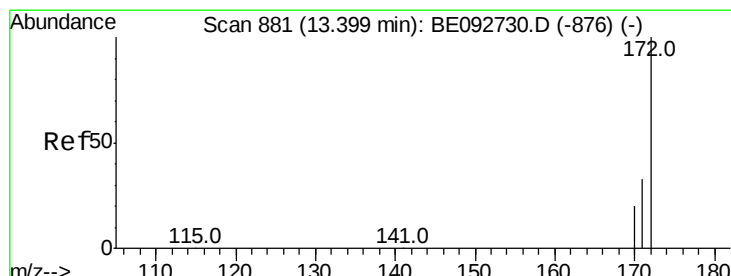
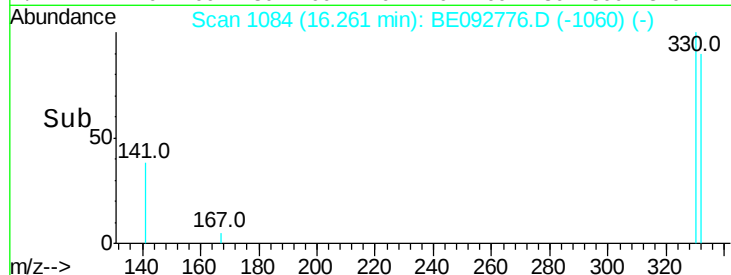
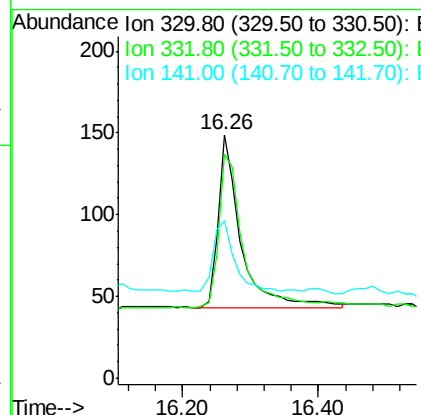
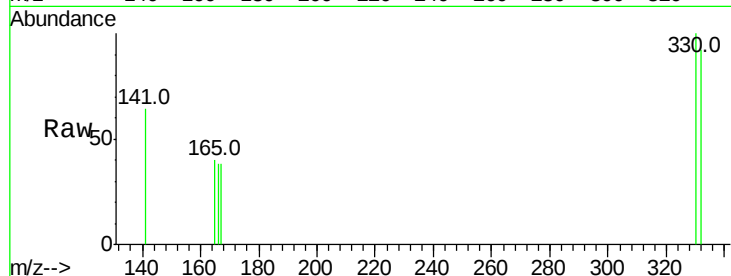




#13
 2,4,6-Tribromophenol
 Concen: 0.42 ng
 RT: 16.26 min Scan# 1084
 Delta R.T. -0.02 min
 Lab File: BE092776.D
 Acq: 1 Mar 2017 10:08

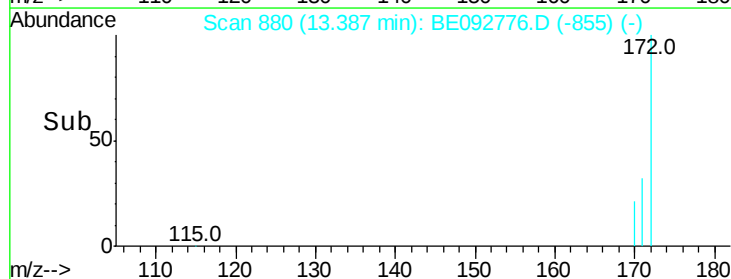
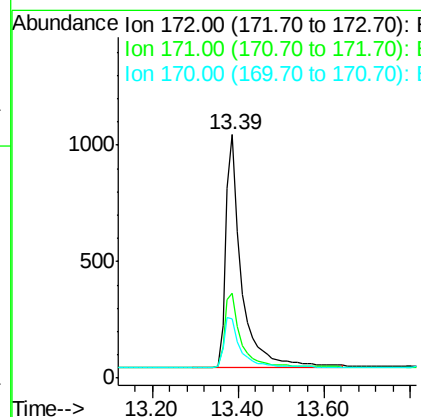
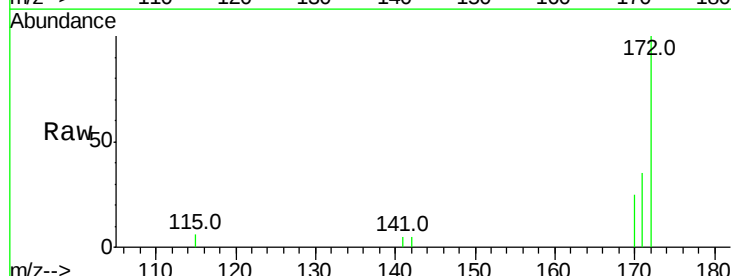
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

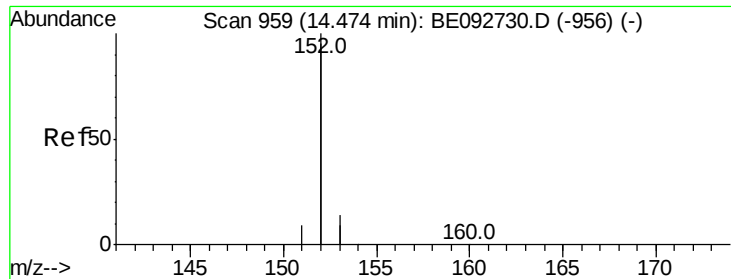
Tot Ion:330 Resp: 251
 Ion Ratio Lower Upper
 330 100
 332 95.6 75.4 113.0
 141 39.4 31.0 46.6



#14
 2-Fluorobiphenyl
 Concen: 0.37 ng
 RT: 13.39 min Scan# 880
 Delta R.T. -0.01 min
 Lab File: BE092776.D
 Acq: 1 Mar 2017 10:08

Tgt Ion:172 Resp: 2587
 Ion Ratio Lower Upper
 172 100
 171 35.1 30.1 45.1
 170 24.6 21.8 32.6





#15

Acenaphthylene

Concen: 0.39 ng

RT: 14.47 min Scan# 960

Delta R.T. 0.00 min

Lab File: BE092776.D

Acq: 1 Mar 2017 10:08

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

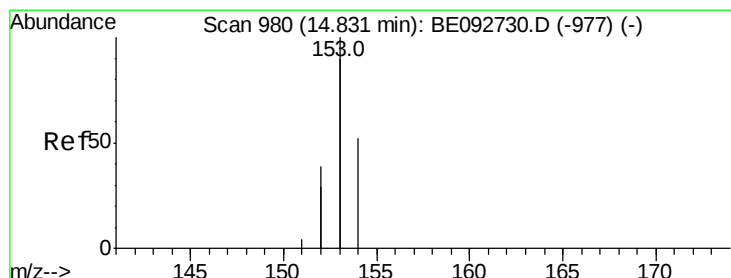
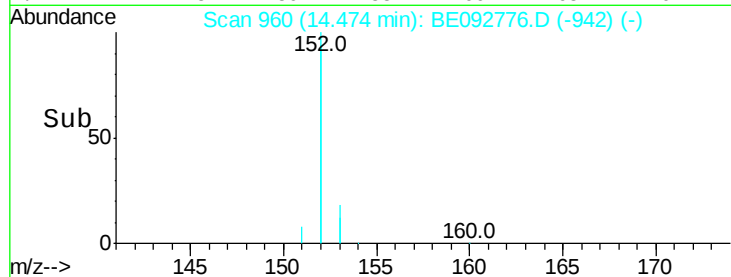
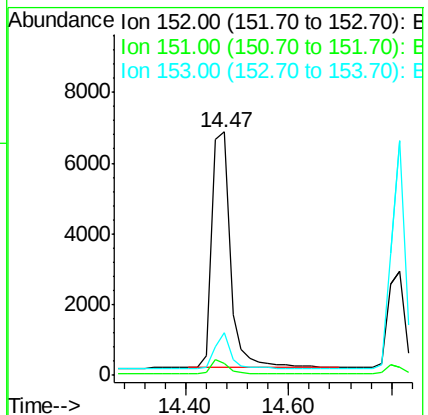
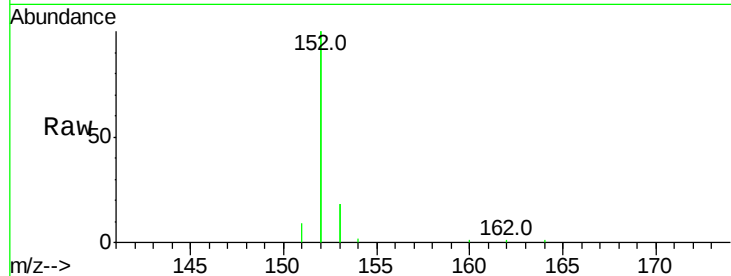
Tot Ion:152 Resp: 16681

Ion Ratio Lower Upper

152 100

151 5.0 3.9 5.9

153 12.7 10.4 15.6



#16

Acenaphthene

Concen: 0.39 ng

RT: 14.81 min Scan# 980

Delta R.T. -0.02 min

Lab File: BE092776.D

Acq: 1 Mar 2017 10:08

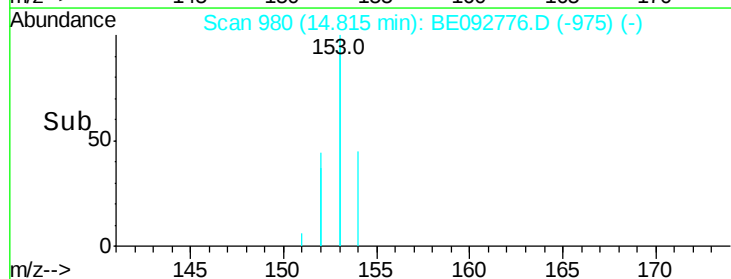
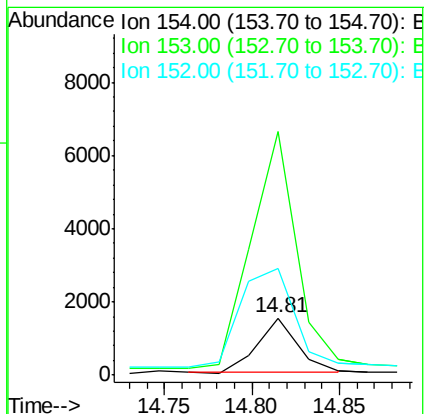
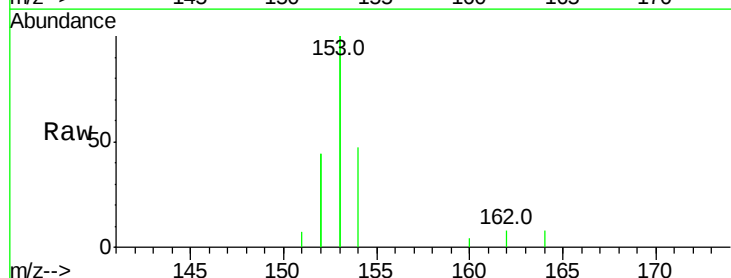
Tgt Ion:154 Resp: 2416

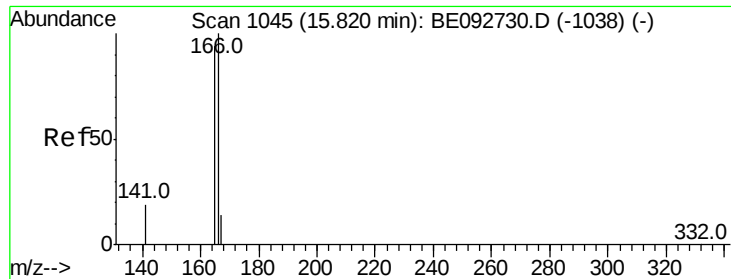
Ion Ratio Lower Upper

154 100

153 476.8 350.8 526.2

152 239.7 171.1 256.7

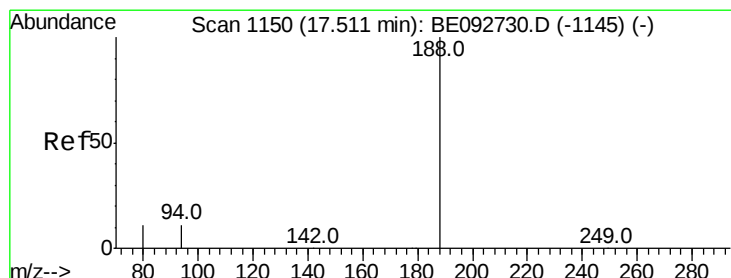
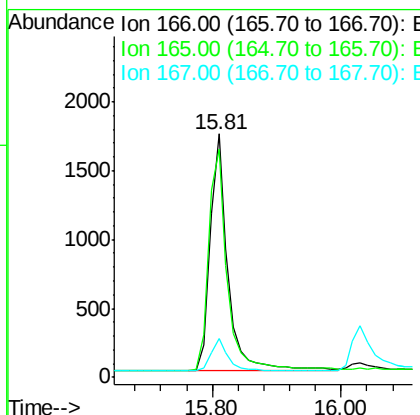
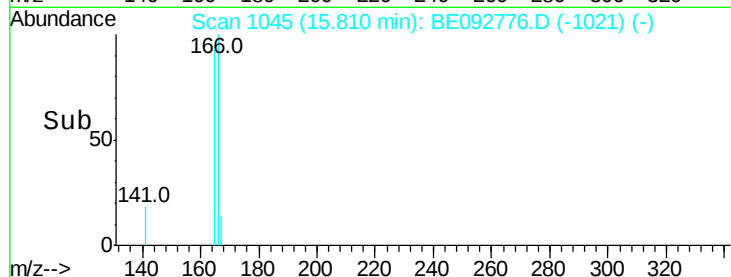
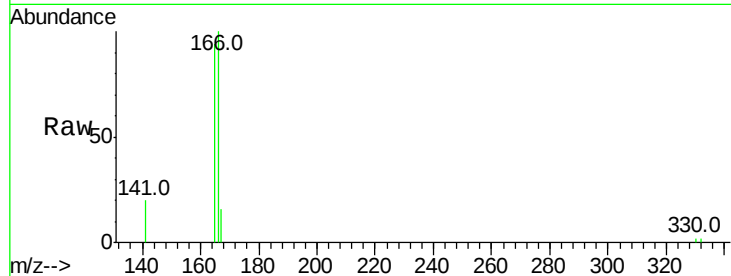




#17
Fluorene
 Concen: 0.42 ng
 RT: 15.81 min Scan# 1045
 Delta R.T. -0.01 min
 Lab File: BE092776.D
 Acq: 1 Mar 2017 10:08

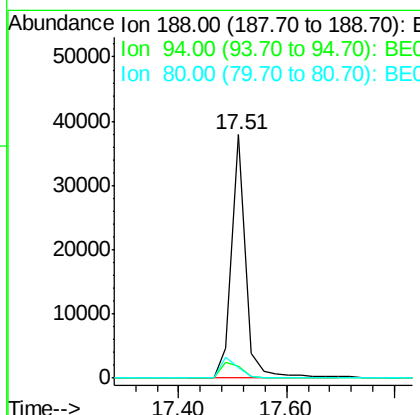
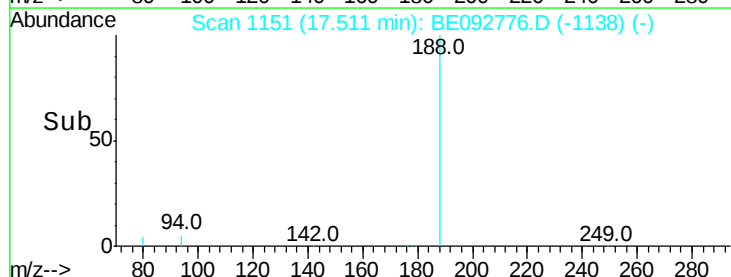
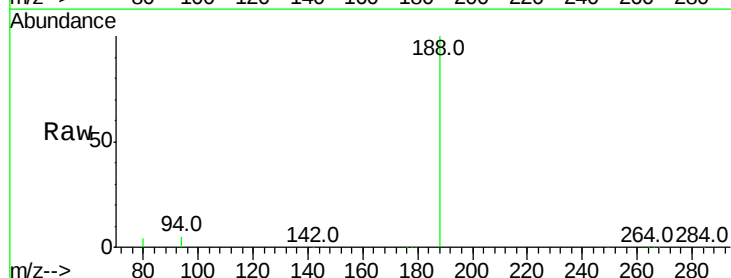
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

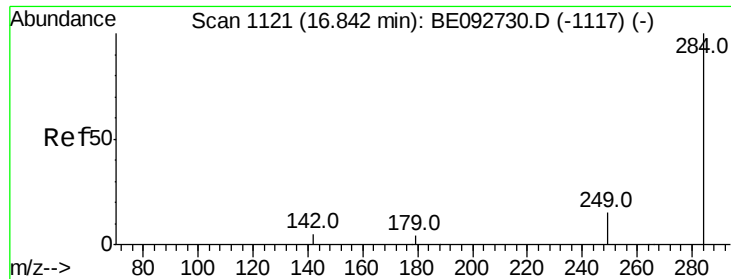
Tot Ion:166 Resp: 3332
 Ion Ratio Lower Upper
 166 100
 165 98.4 78.2 117.4
 167 13.1 11.0 16.4



#18
Phenanthrene-d10
 Concen: 5.00 ng
 RT: 17.51 min Scan# 1151
 Delta R.T. 0.00 min
 Lab File: BE092776.D
 Acq: 1 Mar 2017 10:08

Tgt Ion:188 Resp: 68142
 Ion Ratio Lower Upper
 188 100
 94 4.8 3.2 4.8
 80 4.2 2.6 3.8#

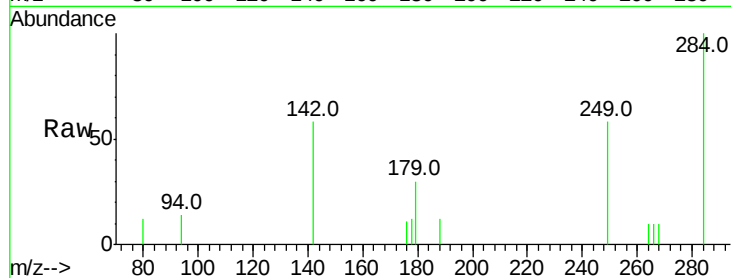




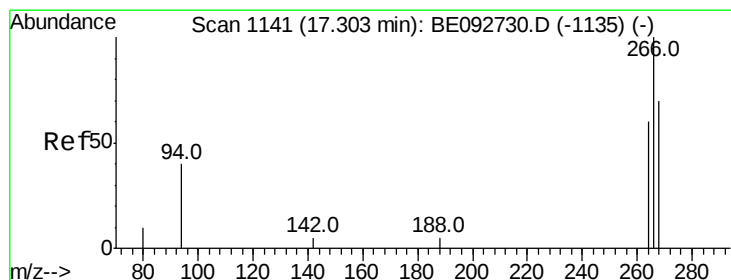
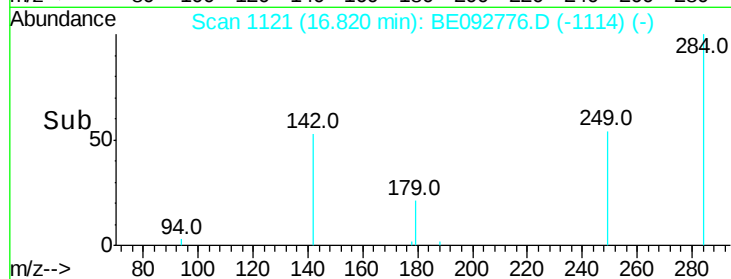
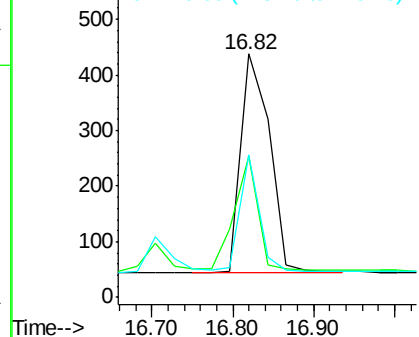
#19
Hexachlorobenzene
Concen: 0.37 ng
RT: 16.82 min Scan# 1121
Delta R.T. -0.02 min
Lab File: BE092776.D
Acq: 1 Mar 2017 10:08

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion:284 Resp: 963
Ion Ratio Lower Upper
284 100
142 42.1 29.1 43.7
249 36.0 27.9 41.9

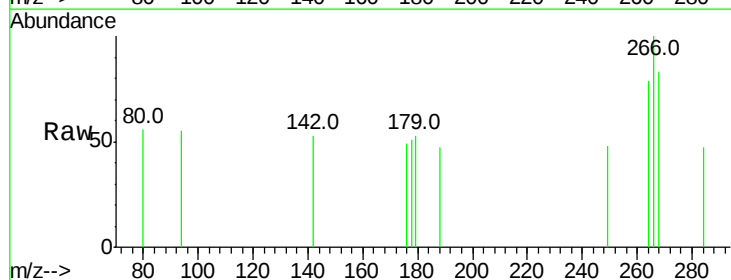


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

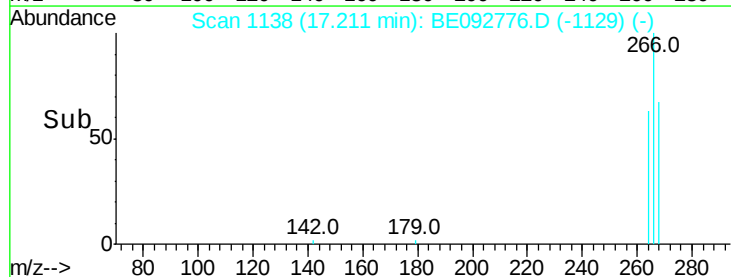
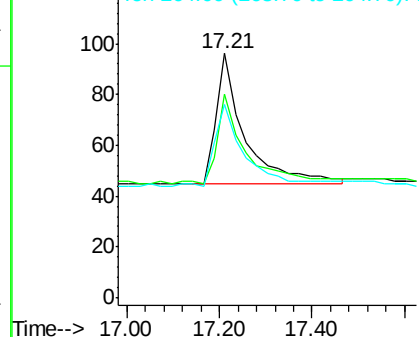


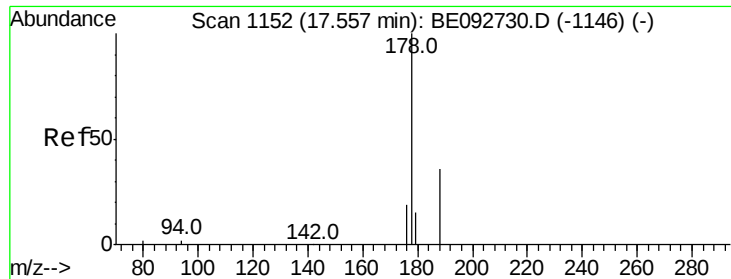
#20
Pentachlorophenol
Concen: 0.53 ng
RT: 17.21 min Scan# 1138
Delta R.T. -0.09 min
Lab File: BE092776.D
Acq: 1 Mar 2017 10:08

Tgt Ion:266 Resp: 217
Ion Ratio Lower Upper
266 100
268 83.3 62.5 93.7
264 79.2 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: 0.37 ng

RT: 17.56 min Scan# 1153

Delta R.T. 0.00 min

Lab File: BE092776.D

Acq: 1 Mar 2017 10:08

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

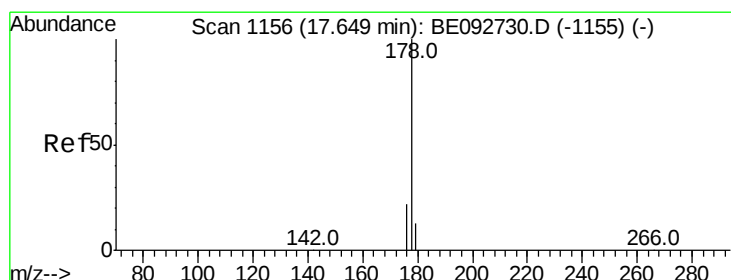
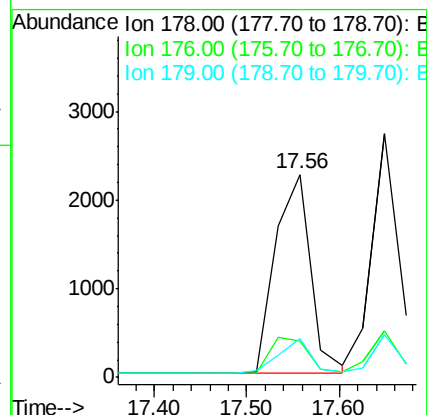
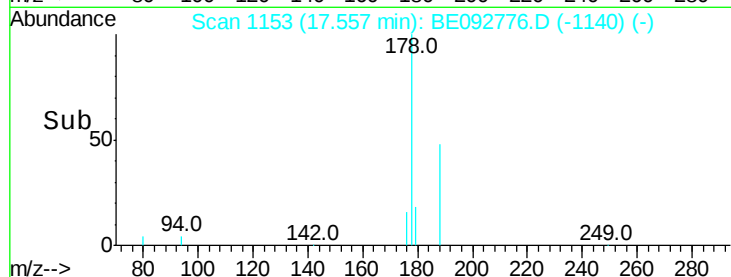
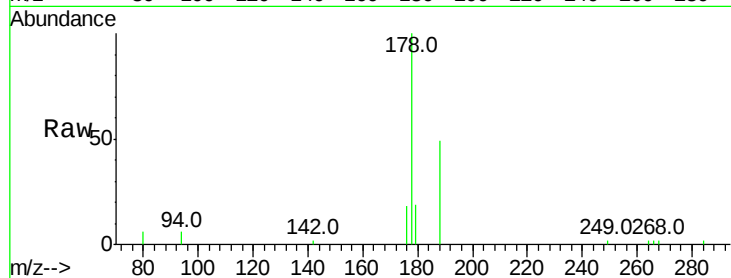
Tot Ion:178 Resp: 5914

Ion Ratio Lower Upper

178 100

176 0.0 15.8 23.8#

179 16.4 16.0 24.0



#22

Anthracene

Concen: 0.40 ng

RT: 17.65 min Scan# 1157

Delta R.T. 0.00 min

Lab File: BE092776.D

Acq: 1 Mar 2017 10:08

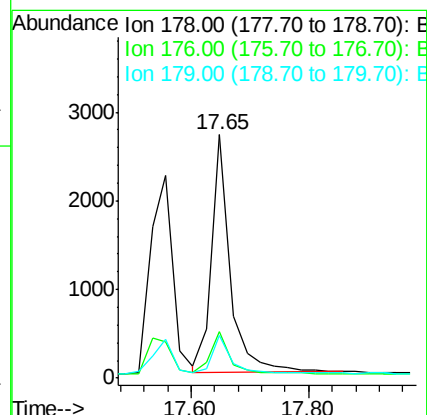
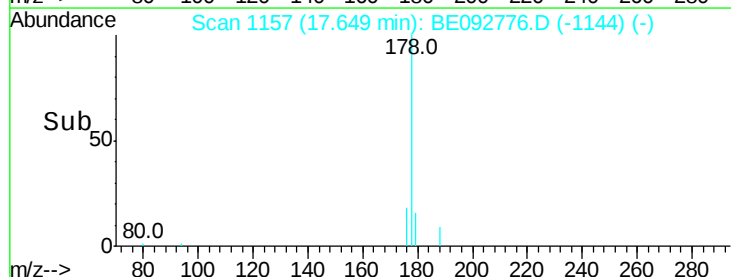
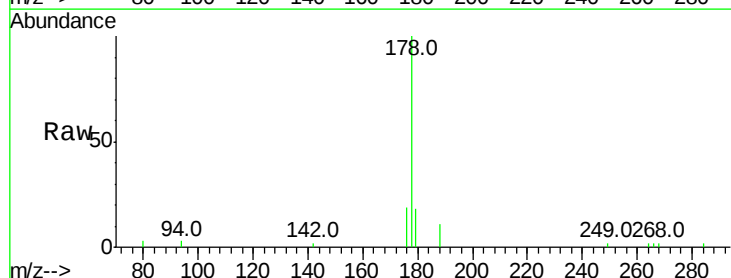
Tgt Ion:178 Resp: 5926

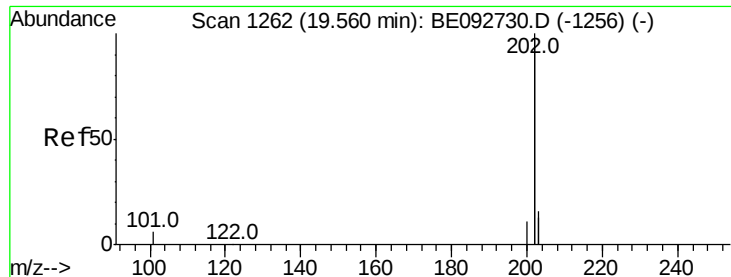
Ion Ratio Lower Upper

178 100

176 18.8 15.0 22.4

179 15.7 12.2 18.2





#23

Fluoranthene

Concen: 0.43 ng

RT: 19.54 min Scan# 1262

Delta R.T. -0.02 min

Lab File: BE092776.D

Acq: 1 Mar 2017 10:08

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

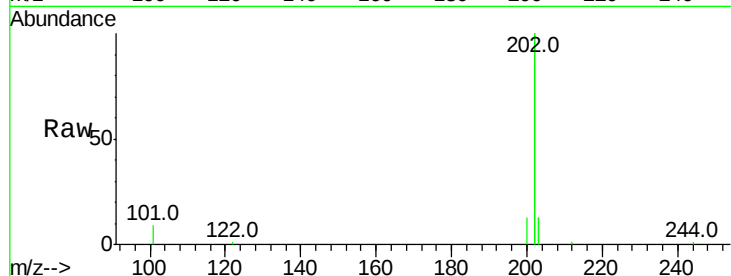
Tot Ion:202 Resp: 29678

Ion Ratio Lower Upper

202 100

101 3.0 2.2 3.4

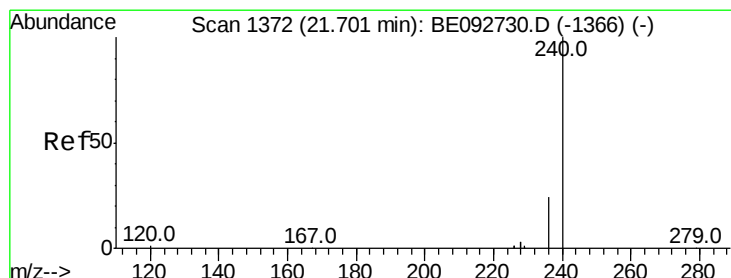
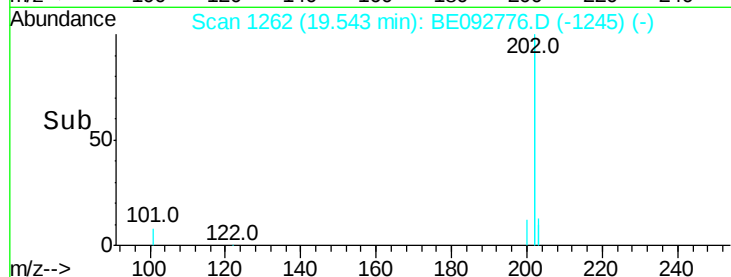
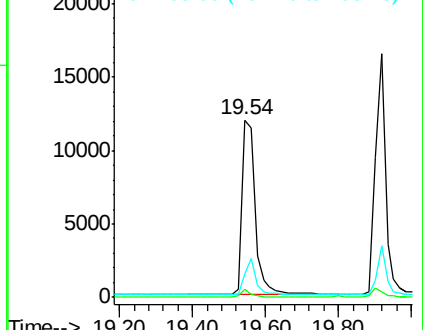
203 17.6 13.7 20.5



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: 21.68 min Scan# 1372

Delta R.T. -0.02 min

Lab File: BE092776.D

Acq: 1 Mar 2017 10:08

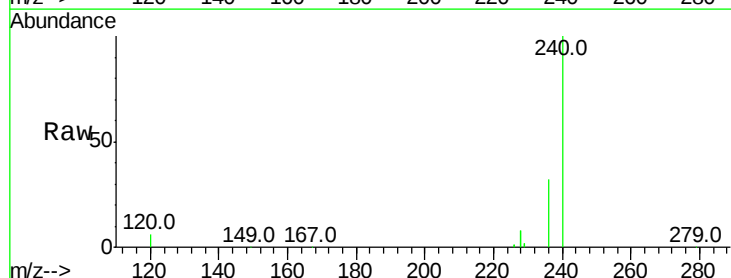
Tgt Ion:240 Resp: 85624

Ion Ratio Lower Upper

240 100

120 6.4 2.6 4.0#

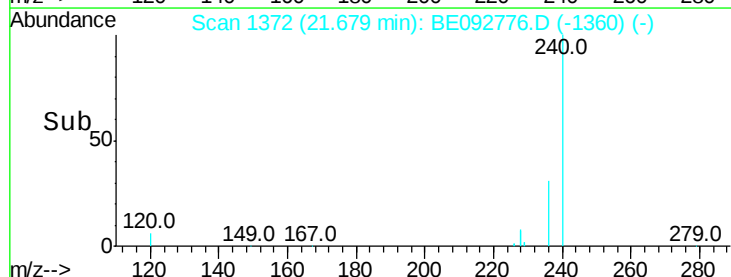
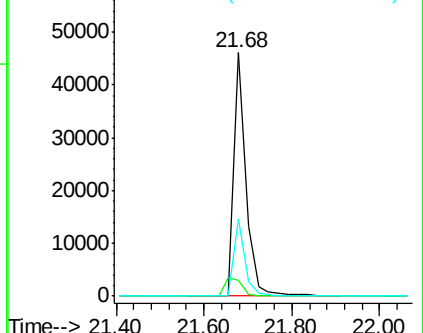
236 31.5 24.6 37.0

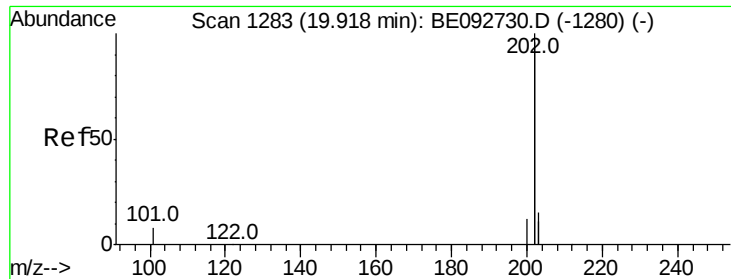


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#25

Pvrene

Concen: 0.39 ng

RT: 19.92 min Scan# 1284

Delta R.T. 0.00 min

Lab File: BE092776.D

Acq: 1 Mar 2017 10:08

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

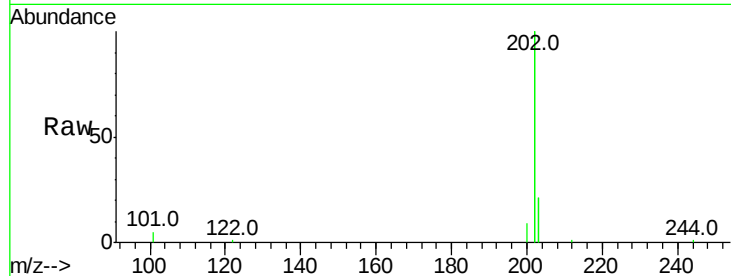
Tot Ion:202 Resp: 31981

Ion Ratio Lower Upper

202 100

200 5.3 4.2 6.4

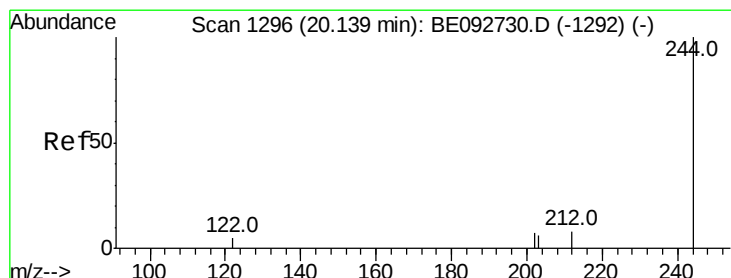
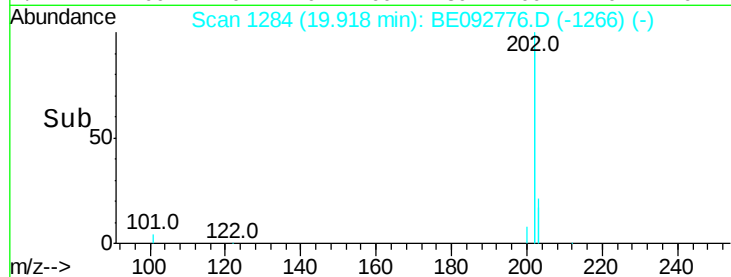
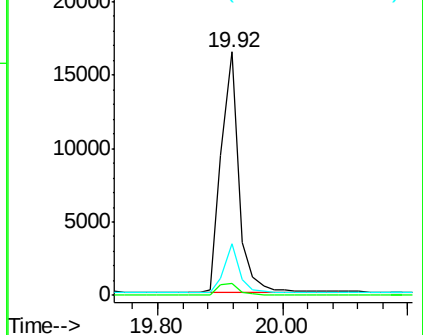
203 18.0 13.9 20.9



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: 20.12 min Scan# 1296

Delta R.T. -0.02 min

Lab File: BE092776.D

Acq: 1 Mar 2017 10:08

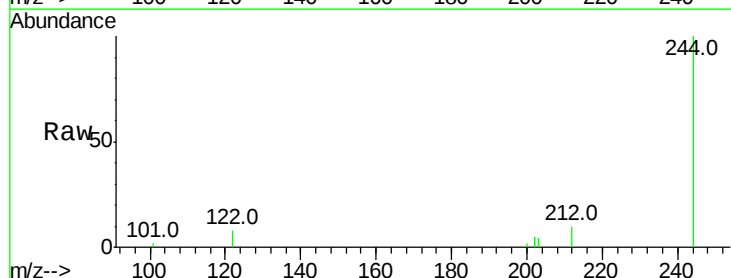
Tgt Ion:244 Resp: 4209

Ion Ratio Lower Upper

244 100

212 10.1 6.7 10.1

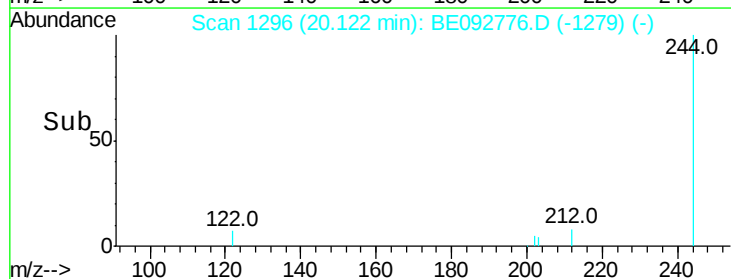
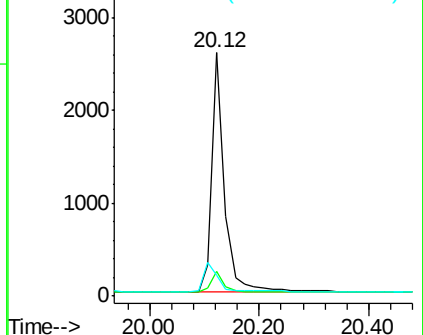
122 8.4 3.6 5.4#

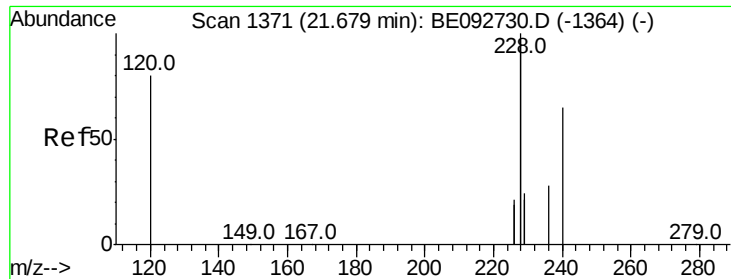


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

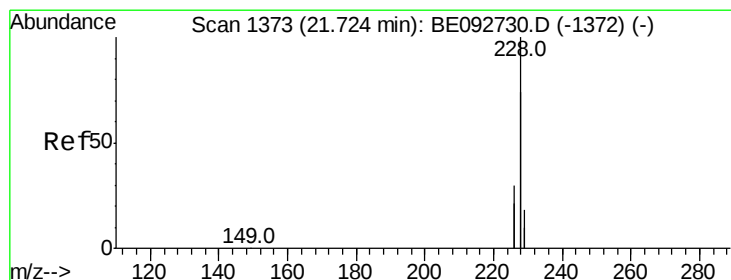
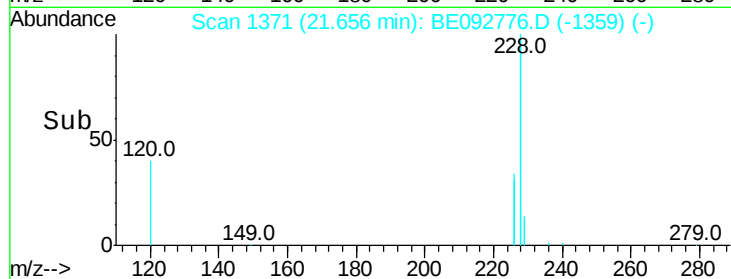
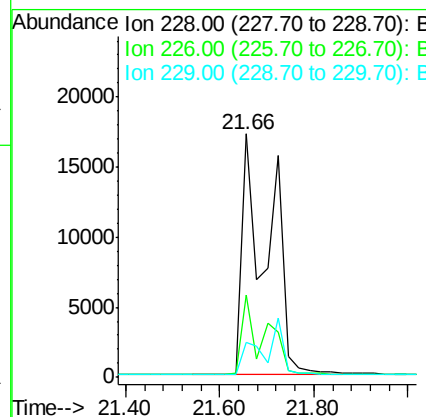
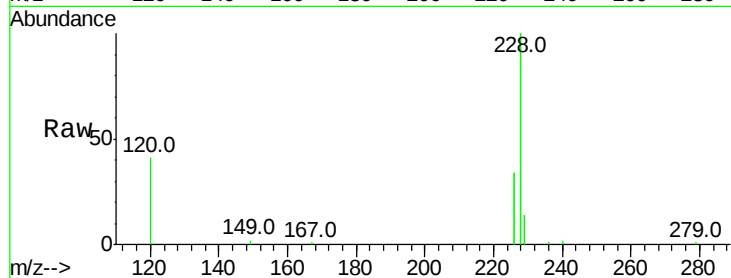




#27
Benzo(a)anthracene
Concen: 0.82 ng
RT: 21.66 min Scan# 1371
Delta R.T. -0.02 min
Lab File: BE092776.D
Acq: 1 Mar 2017 10:08

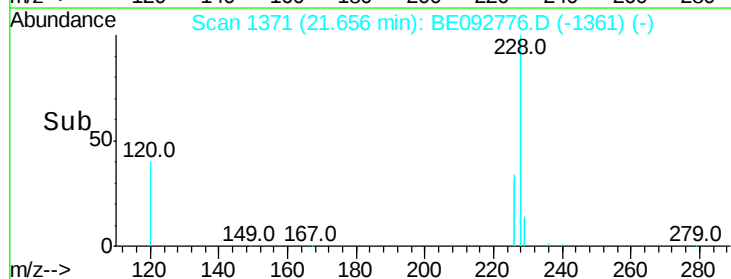
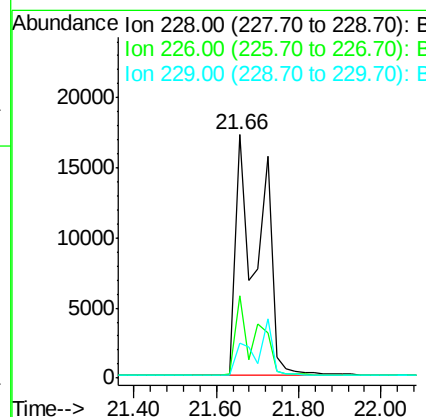
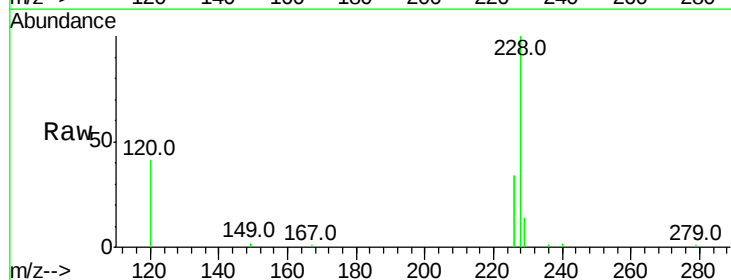
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

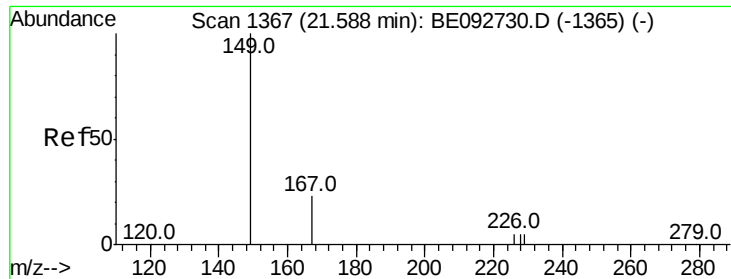
Tot Ion:228 Resp: 67729
Ion Ratio Lower Upper
228 100
226 33.6 23.6 35.4
229 14.3 13.3 19.9



#28
Chrysene
Concen: 0.69 ng
RT: 21.66 min Scan# 1371
Delta R.T. -0.07 min
Lab File: BE092776.D
Acq: 1 Mar 2017 10:08

Tgt Ion:228 Resp: 67995
Ion Ratio Lower Upper
228 100
226 33.6 36.3 54.5#
229 14.3 10.6 16.0





#29

Bis(2-ethylhexyl)phthalate

Concen: 0.34 ng

RT: 21.59 min Scan# 1368

Delta R.T. 0.00 min

Lab File: BE092776.D

Acq: 1 Mar 2017 10:08

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

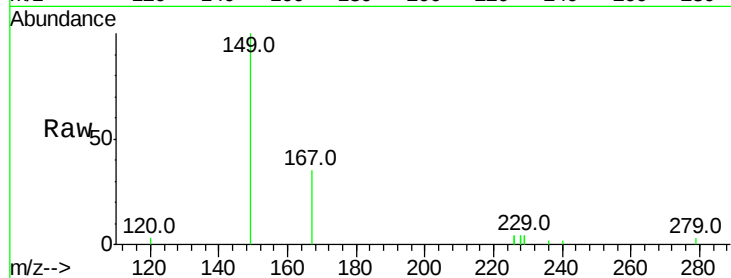
Tot Ion:149 Resp: 3296

Ion Ratio Lower Upper

149 100

167 31.3 16.0 24.0#

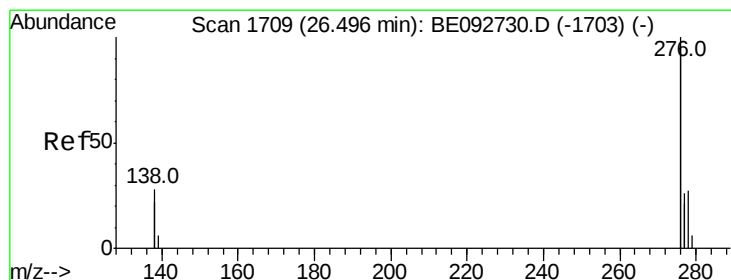
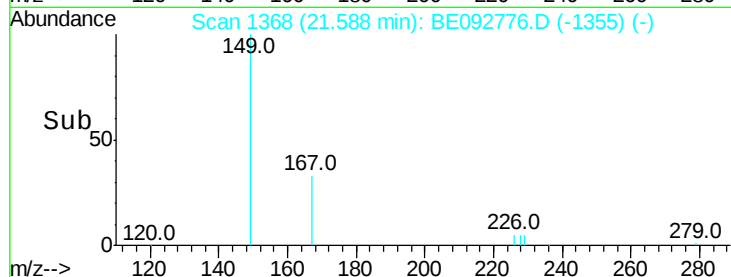
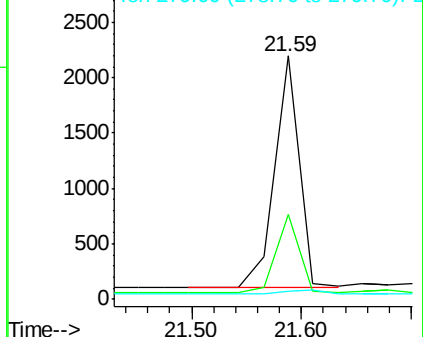
279 0.0 16.0 24.0#



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: 0.36 ng

RT: 26.48 min Scan# 1709

Delta R.T. -0.02 min

Lab File: BE092776.D

Acq: 1 Mar 2017 10:08

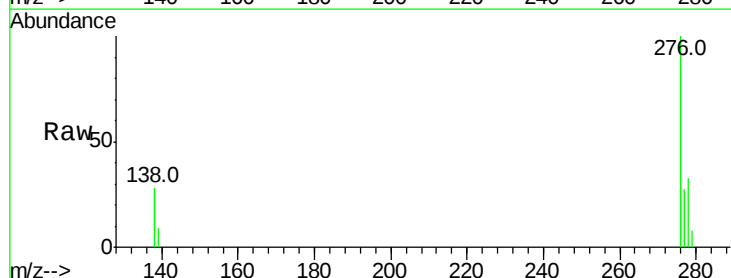
Tgt Ion:276 Resp: 33815

Ion Ratio Lower Upper

276 100

138 28.0 20.3 30.5

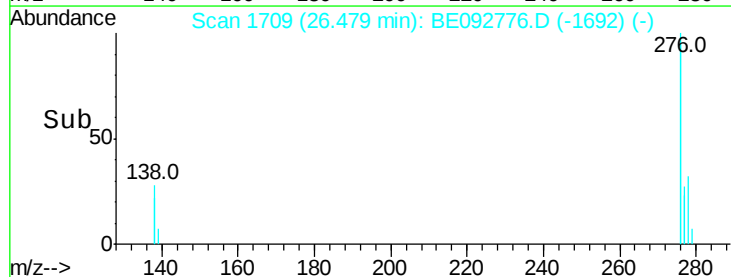
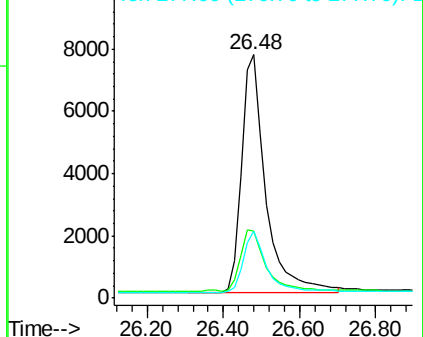
277 24.7 19.7 29.5

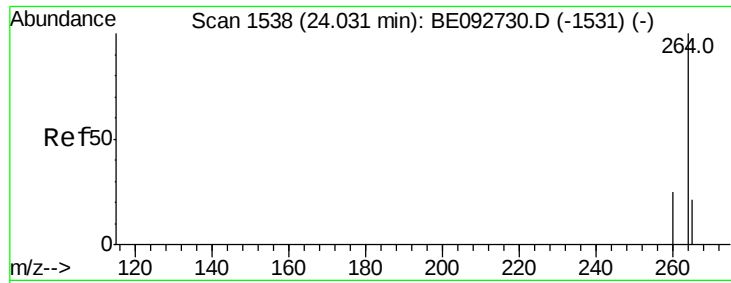


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

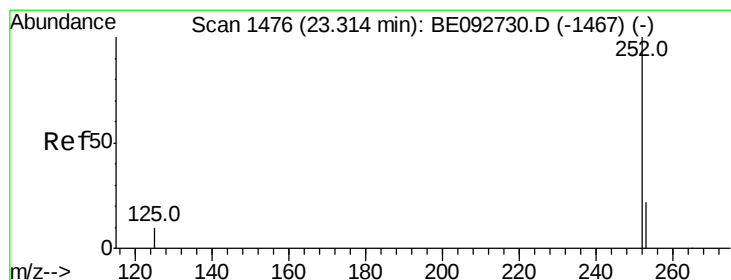
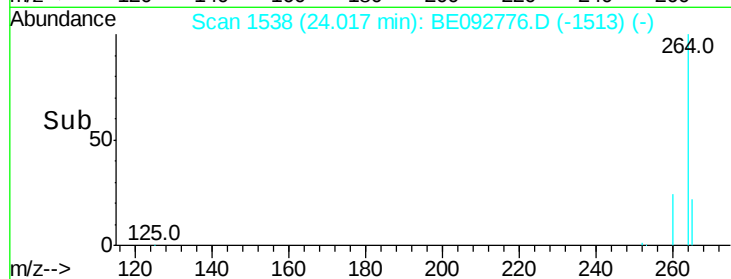
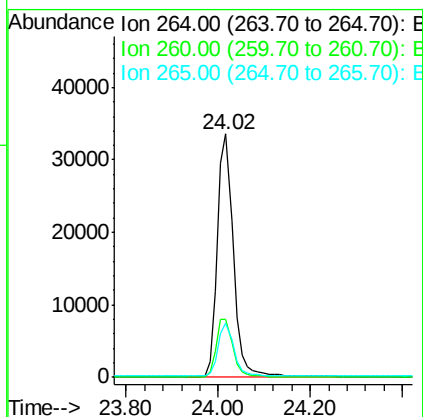
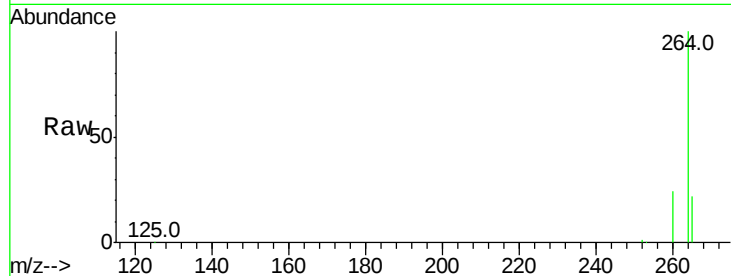




#31
Pervlene-d12
Concen: 5.00 ng
RT: 24.02 min Scan# 1538
Delta R.T. -0.01 min
Lab File: BE092776.D
Acq: 1 Mar 2017 10:08

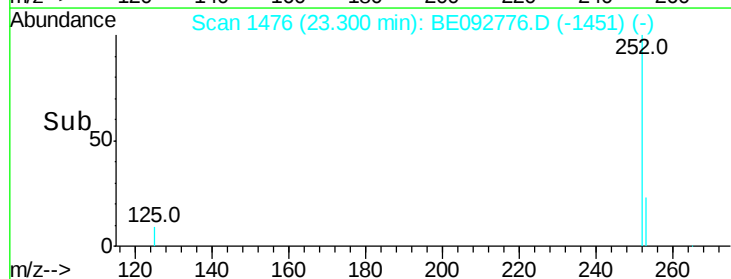
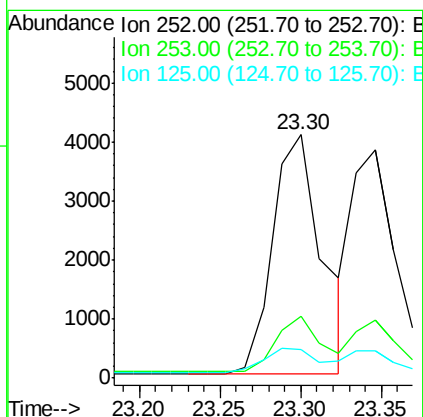
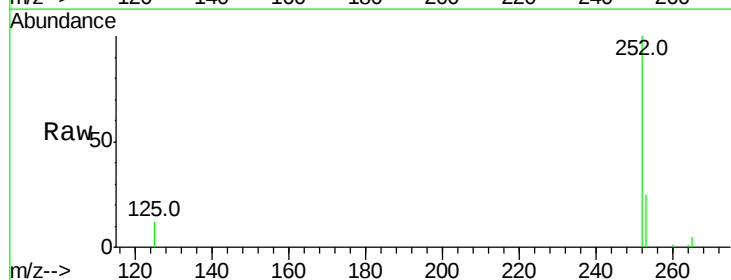
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

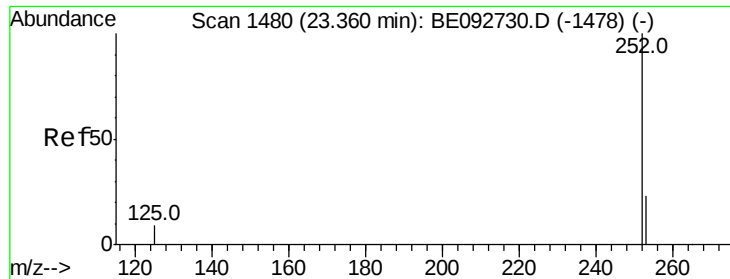
Tot Ion:264 Resp: 80482
Ion Ratio Lower Upper
264 100
260 24.0 20.1 30.1
265 22.5 17.9 26.9



#32
Benzo(b)fluoranthene
Concen: 0.44 ng
RT: 23.30 min Scan# 1476
Delta R.T. -0.01 min
Lab File: BE092776.D
Acq: 1 Mar 2017 10:08

Tgt Ion:252 Resp: 8653
Ion Ratio Lower Upper
252 100
253 25.2 18.7 28.1
125 11.6 10.5 15.7





#33

Benzo(k)fluoranthene

Concen: 0.36 ng

RT: 23.35 min Scan# 1480

Delta R.T. -0.01 min

Lab File: BE092776.D

Acq: 1 Mar 2017 10:08

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

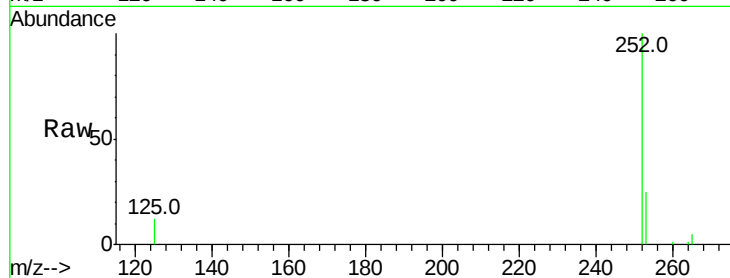
Tot Ion:252 Resp: 7964

Ion Ratio Lower Upper

252 100

253 25.3 20.3 30.5

125 11.7 9.6 14.4



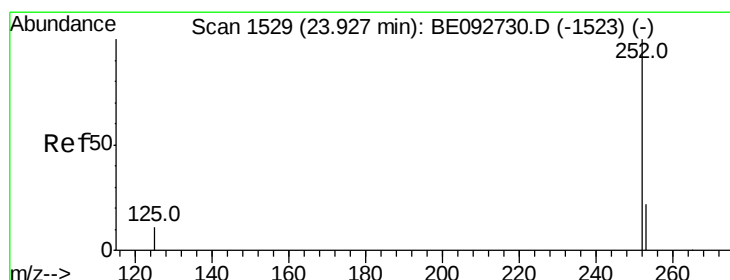
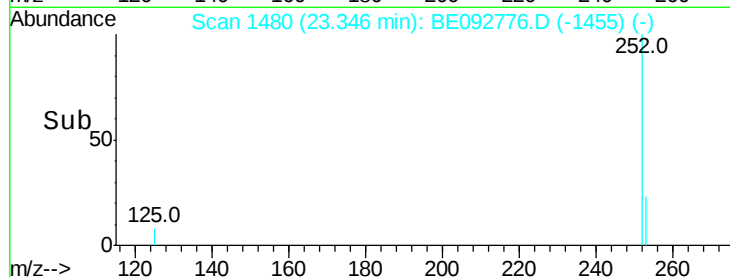
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

23.35

Time-->



#34

Benzo(a)pyrene

Concen: 0.36 ng

RT: 23.90 min Scan# 1528

Delta R.T. -0.03 min

Lab File: BE092776.D

Acq: 1 Mar 2017 10:08

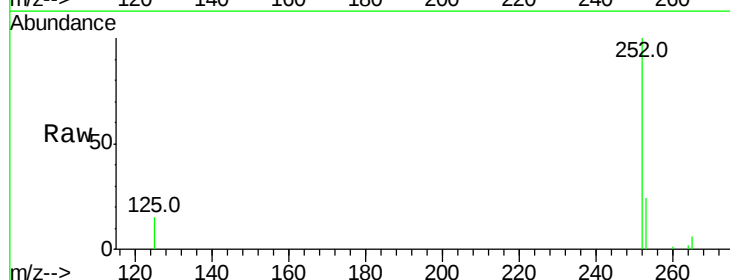
Tgt Ion:252 Resp: 7523

Ion Ratio Lower Upper

252 100

253 24.0 19.0 28.6

125 14.9 11.8 17.8



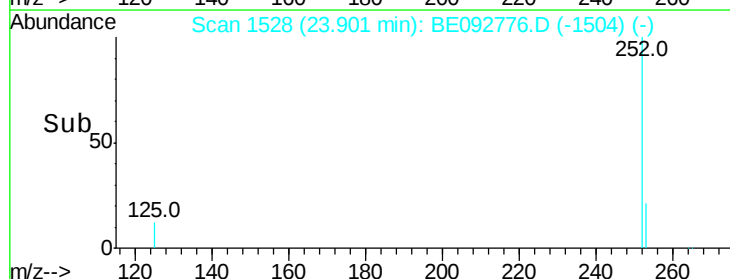
Abundance Ion 252.00 (251.70 to 252.70): E

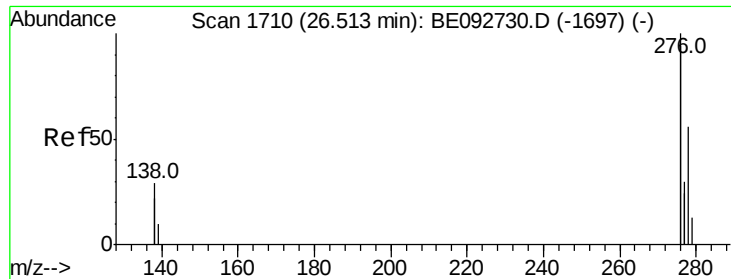
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

23.90

Time-->





#35

Dibenzo(a,h)anthracene

Concen: 0.35 ng

RT: 26.50 min Scan# 1710

Delta R.T. -0.02 min

Lab File: BE092776.D

Acq: 1 Mar 2017 10:08

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

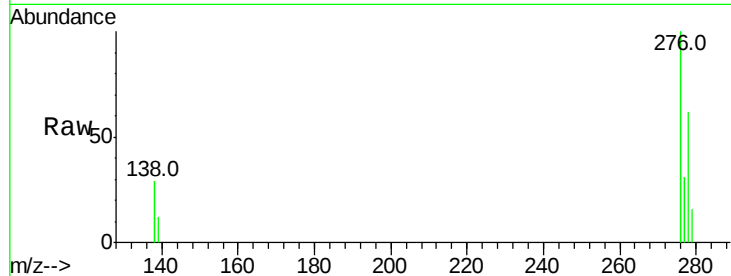
Tot Ion:278 Resp: 7050

Ion Ratio Lower Upper

278 100

139 19.5 13.8 20.8

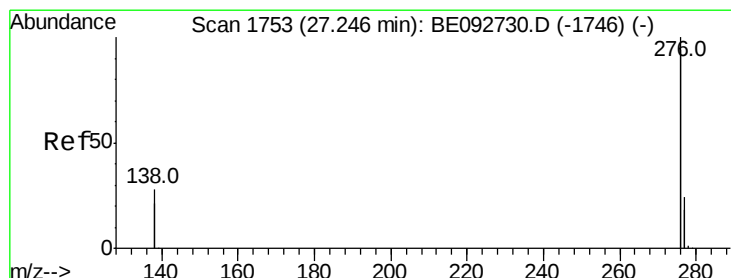
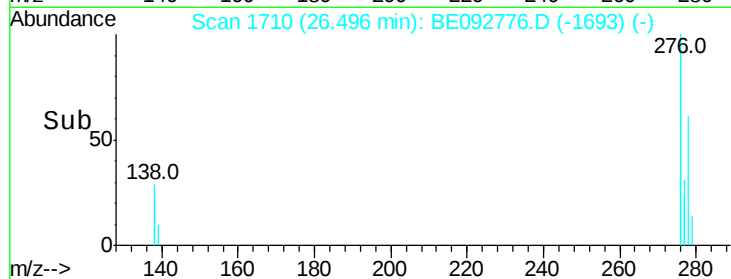
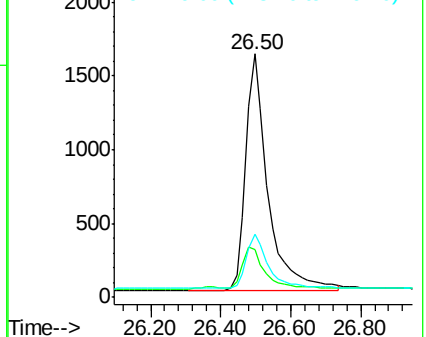
279 26.1 21.4 32.2



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: 27.23 min Scan# 1753

Delta R.T. -0.02 min

Lab File: BE092776.D

Acq: 1 Mar 2017 10:08

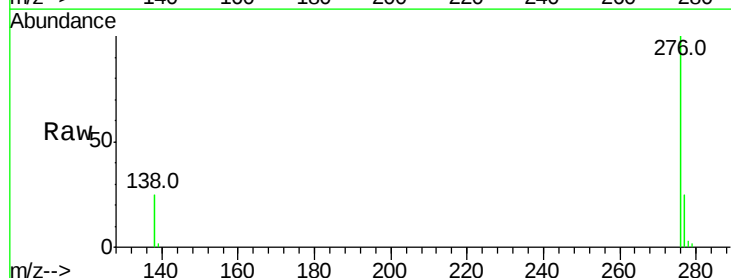
Tgt Ion:276 Resp: 30360

Ion Ratio Lower Upper

276 100

277 25.1 19.8 29.8

138 25.1 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

