

Data Path : Z:\HPCHEM1\BNA E\DATA\BE040417\
 Data File : BE092885.D
 Acq On : 4 Apr 2017 15:23
 Operator : SJ/MA
 Sample : SSTDICC010
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC010

Quant Time: Apr 04 15:54:30 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE040417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 04 12:06:05 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	8082	5.00	ng	-0.02
7) Naphthalene-d8	10.54	136	36528	5.00	ng	0.00
12) Acenaphthene-d10	14.40	164	18320	5.00	ng	0.00
18) Phenanthrene-d10	17.13	188	40622	5.00	ng	-0.02
24) Chrysene-d12	21.28	240	50354	5.00	ng	-0.02
31) Perylene-d12	23.70	264	41156	5.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.35	112	18782	9.98	ng	0.00
5) Phenol-d6	6.94	99	27934	10.12	ng	0.00
8) Nitrobenzene-d5	8.90	82	26431	12.60	ng	-0.02
13) 2,4,6-Tribromophenol	15.88	330	4244	14.83	ng	0.00
14) 2-Fluorobiphenyl	13.02	172	61912	10.25	ng	-0.01
26) Terphenyl-d14	19.74	244	82956	9.53	ng	-0.02

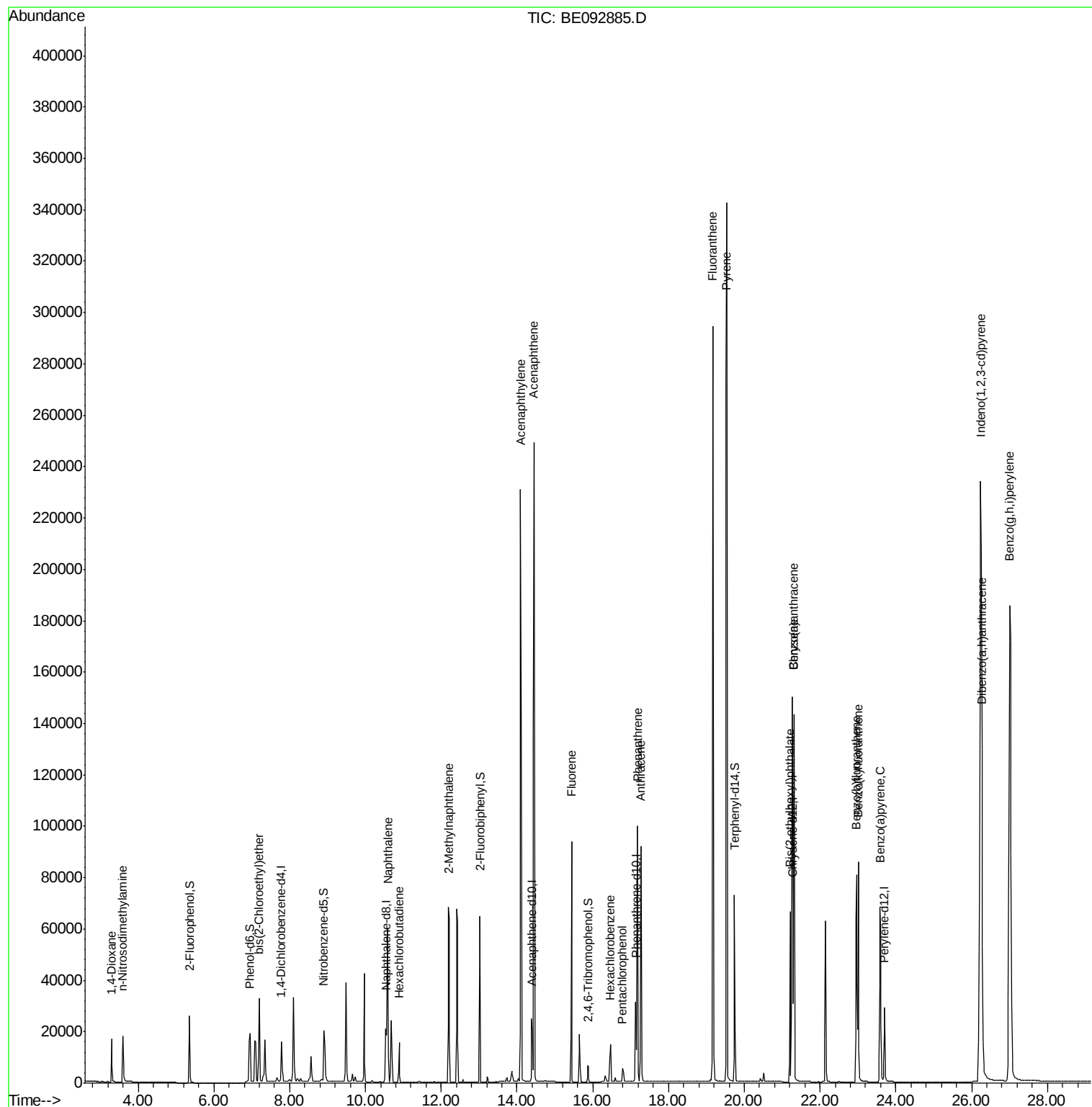
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.31	88	9964	9.22	ng	96
3) n-Nitrosodimethylamine	3.59	42	12114	10.85	ng	81
6) bis(2-Chloroethyl)ether	7.20	93	27253	10.37	ng	# 50
9) Naphthalene	10.58	128	80566	10.07	ng	# 94
10) Hexachlorobutadiene	10.89	225	10893	10.16	ng	100
11) 2-Methylnaphthalene	12.21	142	53195	10.48	ng	# 85
15) Acenaphthylene	14.09	152	348571	12.41	ng	100
16) Acenaphthene	14.45	154	54328	10.85	ng	100
17) Fluorene	15.44	166	63949	10.71	ng	100
19) Hexachlorobenzene	16.47	284	16557	10.99	ng	# 64
20) Pentachlorophenol	16.79	266	5254	13.47	ng	# 77
21) Phenanthrene	17.18	178	111698	11.30	ng	# 95
22) Anthracene	17.27	178	106807	11.89	ng	98
23) Fluoranthene	19.16	202	464750	10.22	ng	# 99
25) Pyrene	19.54	202	515921	10.30	ng	99
27) Benzo(a)anthracene	21.31	228	110581	9.27	ng	97
28) Chrysene	21.31	228	111977	8.89	ng	# 77
29) Bis(2-ethylhexyl)phthalate	21.21	149	60682	16.66	ng	# 72
30) Indeno(1,2,3-cd)pyrene	26.24	276	494222	10.44	ng	# 93
32) Benzo(b)fluoranthene	22.96	252	115217	10.52	ng	98
33) Benzo(k)fluoranthene	23.01	252	109935	11.21	ng	95
34) Benzo(a)pyrene	23.58	252	106092	11.72	ng	96
35) Dibenzo(a,h)anthracene	26.27	278	107149	11.13	ng	96
36) Benzo(g,h,i)perylene	27.00	276	426765	10.69	ng	93

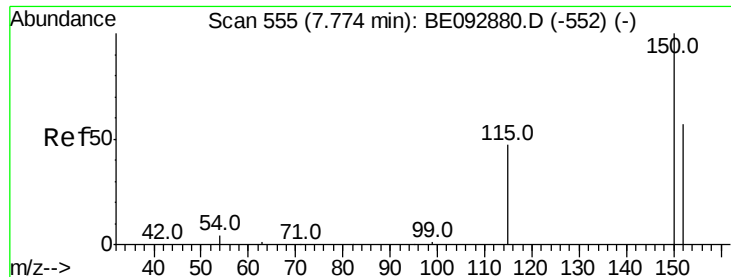
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.77 min Scan# 555

Delta R.T. -0.02 min

Lab File: BE092885.D

Acq: 4 Apr 2017 15:23

Instrument :

BNA_E

ClientSampleId :

SSTDIC010

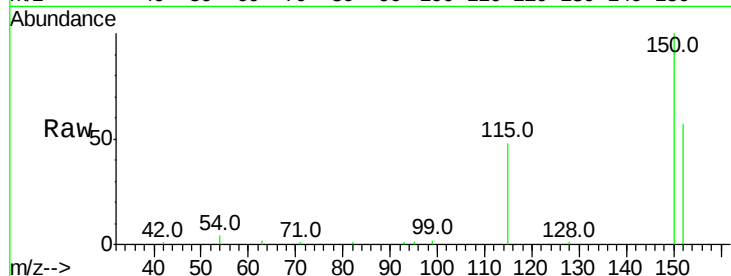
Tot Ion:152 Resp: 8082

Ion Ratio Lower Upper

152 100

150 175.9 106.0 159.0#

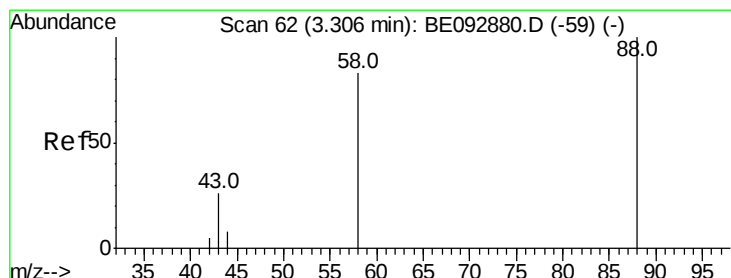
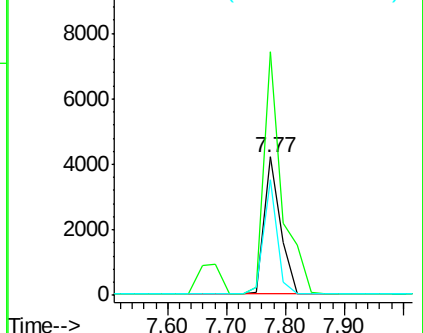
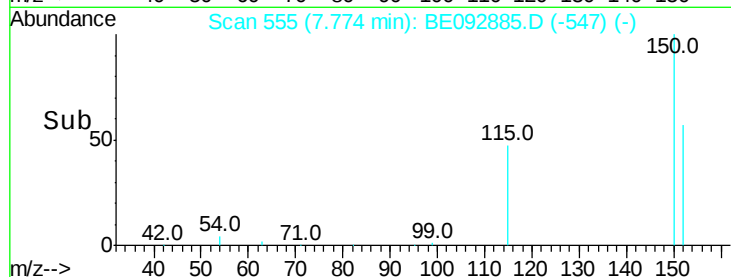
115 83.9 31.2 46.8#



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: 9.22 ng

RT: 3.31 min Scan# 62

Delta R.T. -0.01 min

Lab File: BE092885.D

Acq: 4 Apr 2017 15:23

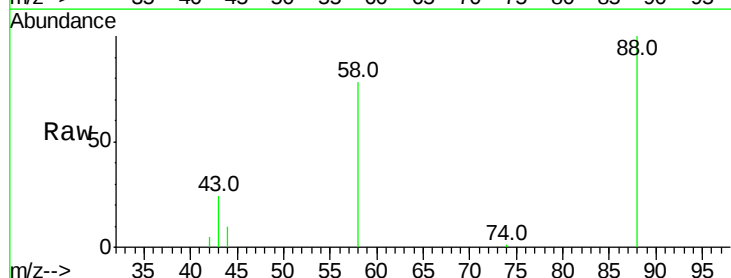
Tgt Ion: 88 Resp: 9964

Ion Ratio Lower Upper

88 100

58 78.3 63.6 95.4

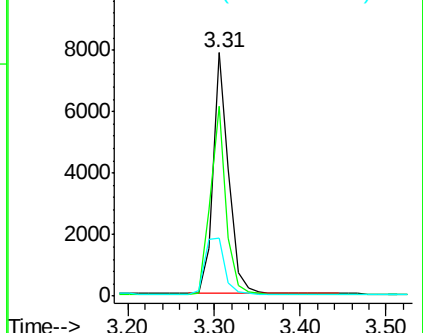
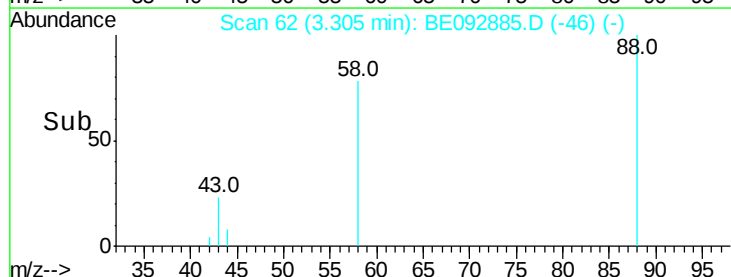
43 29.4 28.0 42.0

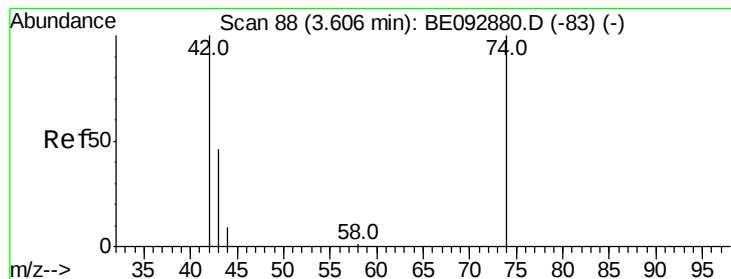


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



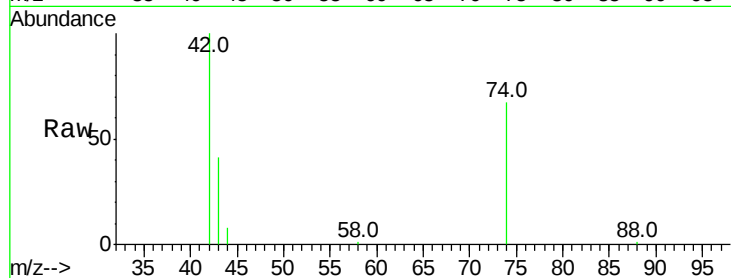


#3

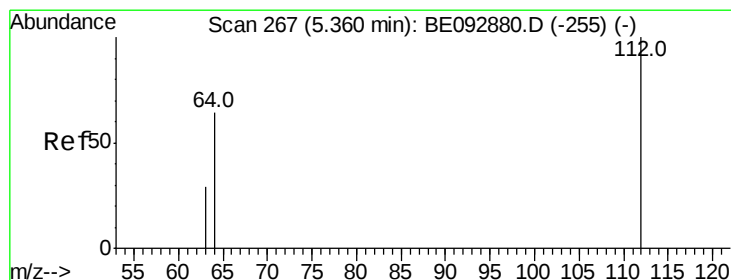
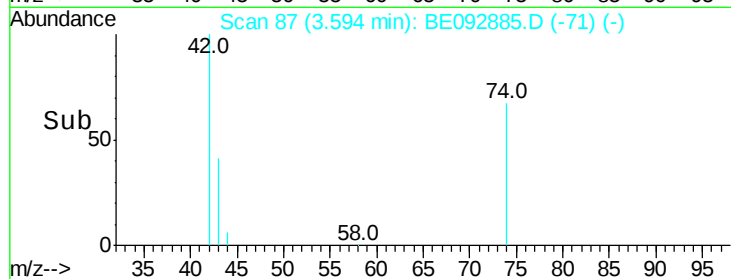
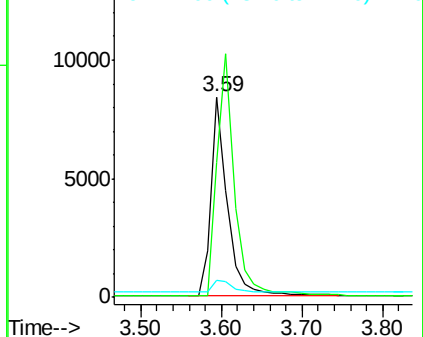
n-Nitrosodimethylamine
Concen: 10.85 ng
RT: 3.59 min Scan# 87
Delta R.T. -0.01 min
Lab File: BE092885.D
Acq: 4 Apr 2017 15:23

Instrument :
BNA_E
ClientSampleId :
SSTDIC010

Tot Ion: 42 Resp: 12114
Ion Ratio Lower Upper
42 100
74 128.1 86.0 129.0
44 6.8 5.1 7.7



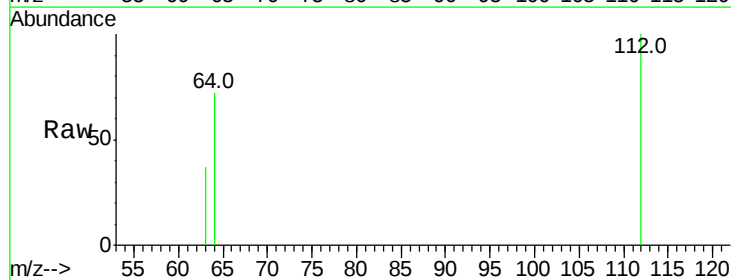
Abundance Ion 42.00 (41.70 to 42.70): BE0
Ion 74.00 (73.70 to 74.70): BE0
Ion 44.00 (43.70 to 44.70): BE0



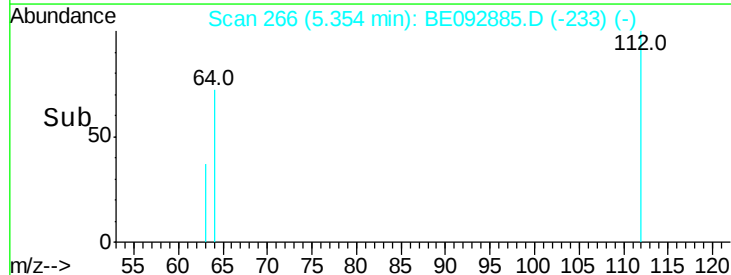
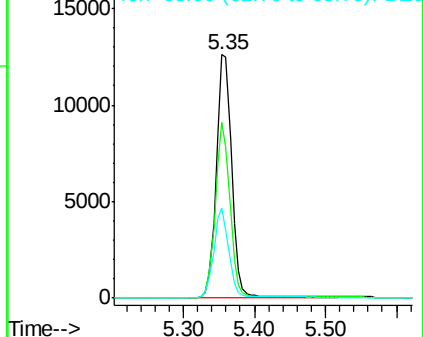
#4

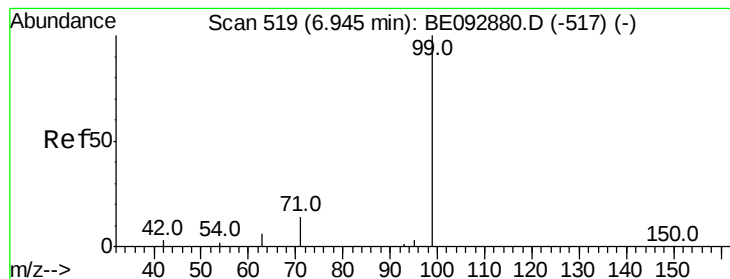
2-Fluorophenol
Concen: 9.98 ng
RT: 5.35 min Scan# 266
Delta R.T. -0.01 min
Lab File: BE092885.D
Acq: 4 Apr 2017 15:23

Tgt Ion: 112 Resp: 18782
Ion Ratio Lower Upper
112 100
64 69.0 53.5 80.3
63 35.5 27.9 41.9



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BE0
Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 10.12 ng

RT: 6.94 min Scan# 519

Delta R.T. -0.00 min

Lab File: BE092885.D

Acq: 4 Apr 2017 15:23

Instrument :

BNA_E

ClientSampleId :

SSTDIC010

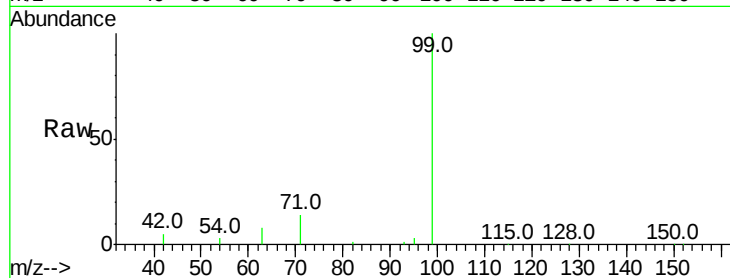
Tot Ion: 99 Resp: 27934

Ion Ratio Lower Upper

99 100

42 0.0 16.0 24.0#

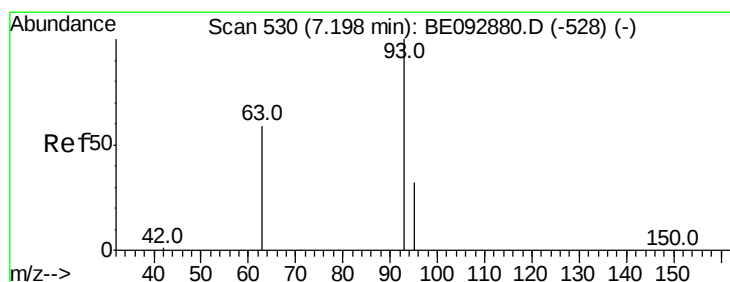
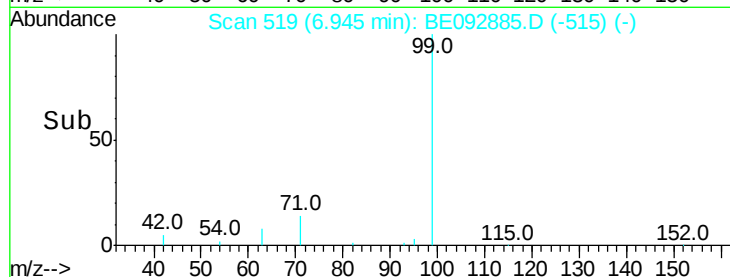
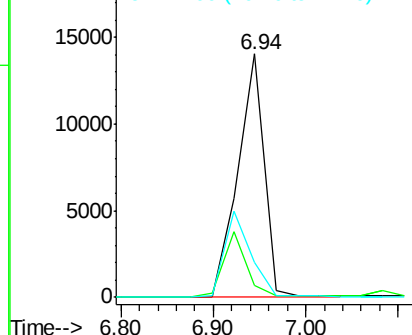
71 0.0 30.6 45.8#



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: 10.37 ng

RT: 7.20 min Scan# 530

Delta R.T. -0.00 min

Lab File: BE092885.D

Acq: 4 Apr 2017 15:23

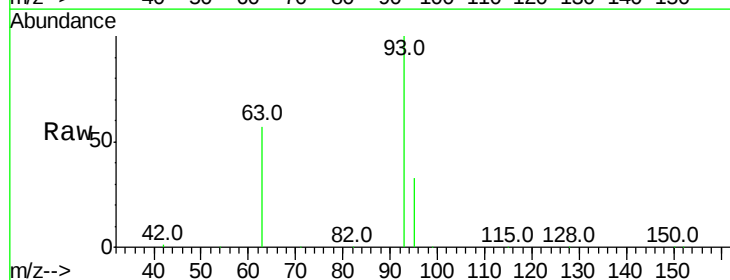
Tgt Ion: 93 Resp: 27253

Ion Ratio Lower Upper

93 100

63 75.7 16.0 24.0#

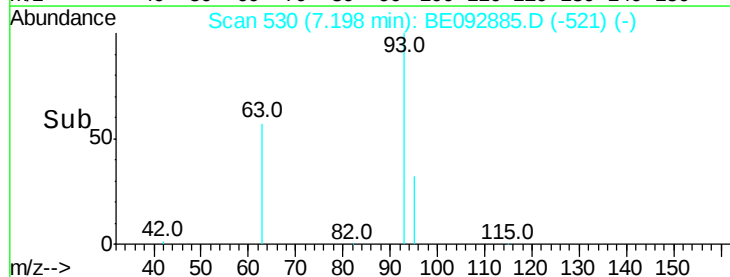
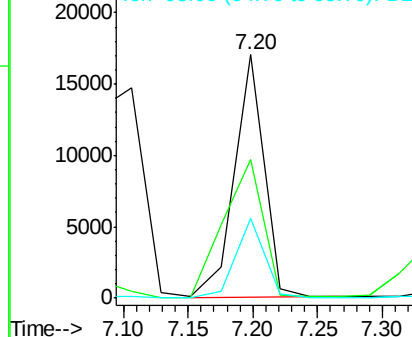
95 31.5 24.0 36.0

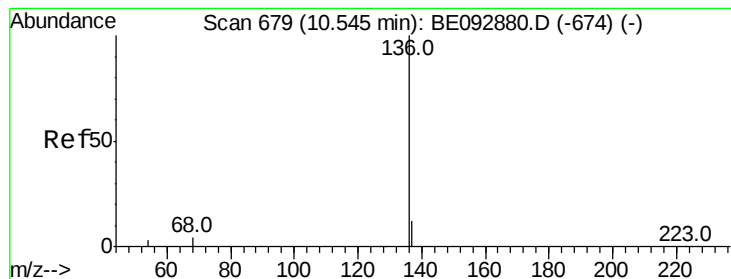


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.54 min Scan# 679

Delta R.T. 0.00 min

Lab File: BE092885.D

Acq: 4 Apr 2017 15:23

Instrument :

BNA_E

ClientSampleId :

SSTDIC010

Tot Ion:136 Resp: 36528

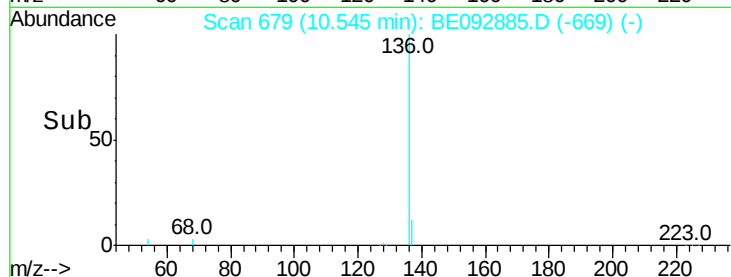
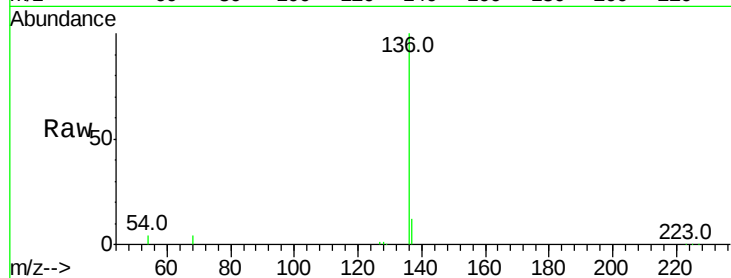
Ion Ratio Lower Upper

136 100

137 12.2 8.2 12.4

54 3.5 9.6 14.4#

68 3.7 6.7 10.1#

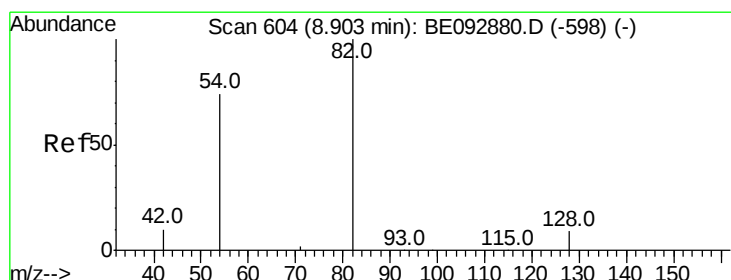
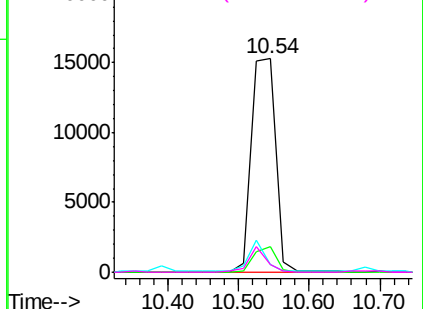


Abundance Ion 136.00 (135.70 to 136.70): E

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: 12.60 ng

RT: 8.90 min Scan# 604

Delta R.T. -0.02 min

Lab File: BE092885.D

Acq: 4 Apr 2017 15:23

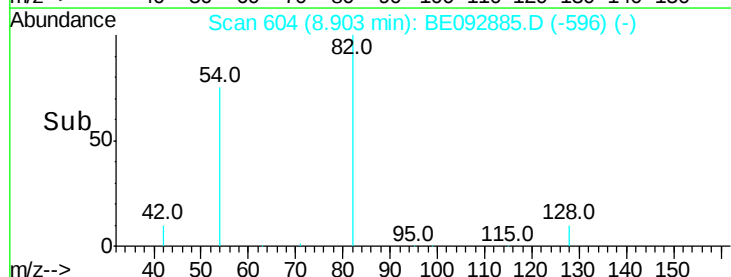
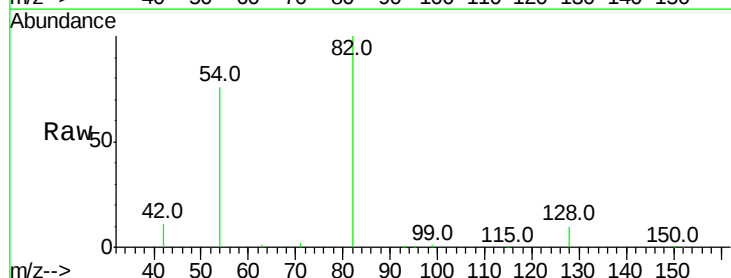
Tgt Ion: 82 Resp: 26431

Ion Ratio Lower Upper

82 100

128 10.2 39.0 58.4#

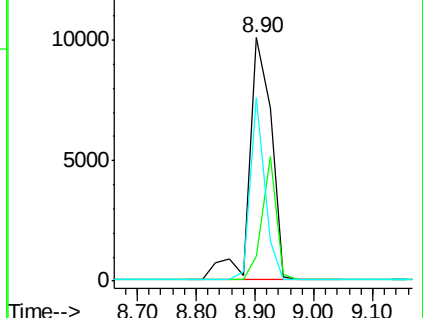
54 75.6 44.8 67.2#

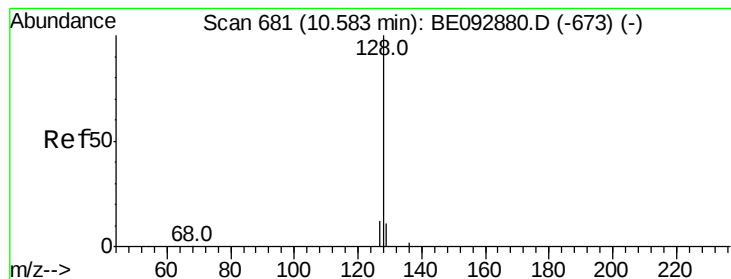


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 10.07 ng

RT: 10.58 min Scan# 681

Delta R.T. 0.00 min

Lab File: BE092885.D

Acq: 4 Apr 2017 15:23

Instrument :

BNA_E

ClientSampleId :

SSTDIC010

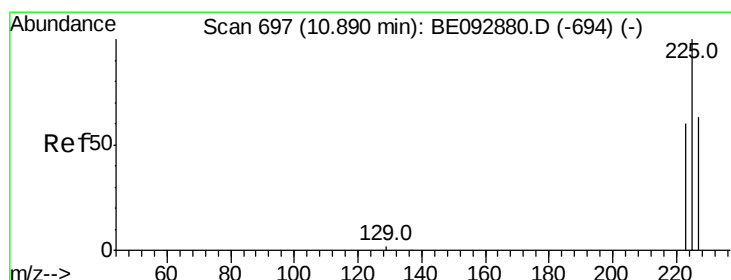
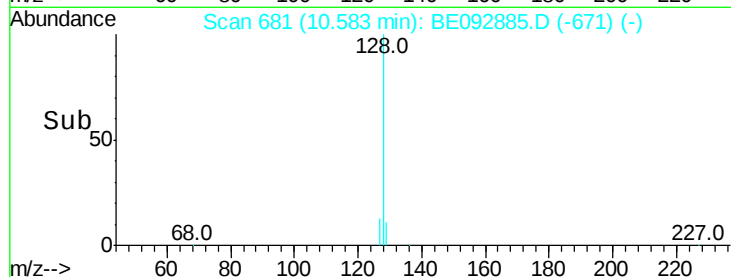
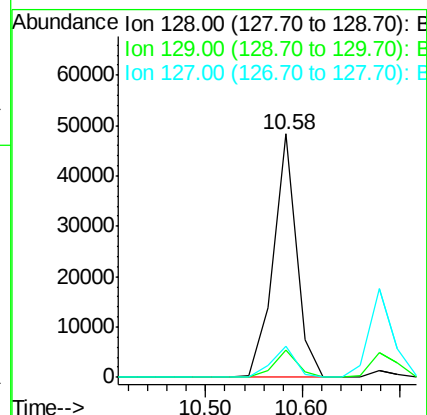
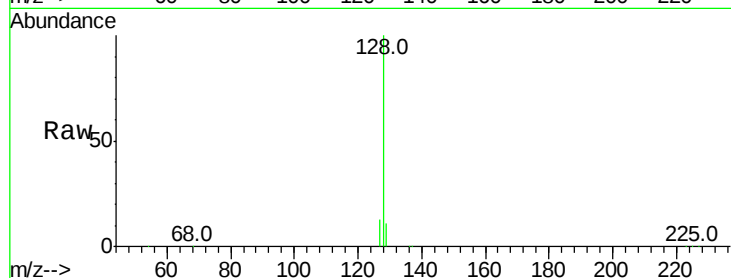
Tot Ion:128 Resp: 80566

Ion Ratio Lower Upper

128 100

129 11.2 11.2 16.8#

127 12.6 11.6 17.4



#10

Hexachlorobutadiene

Concen: 10.16 ng

RT: 10.89 min Scan# 697

Delta R.T. 0.00 min

Lab File: BE092885.D

Acq: 4 Apr 2017 15:23

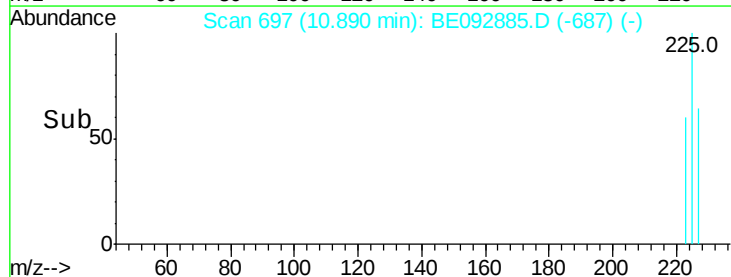
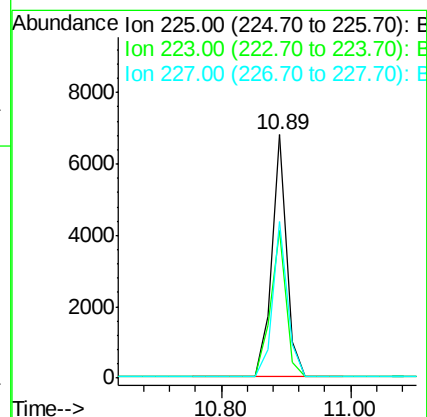
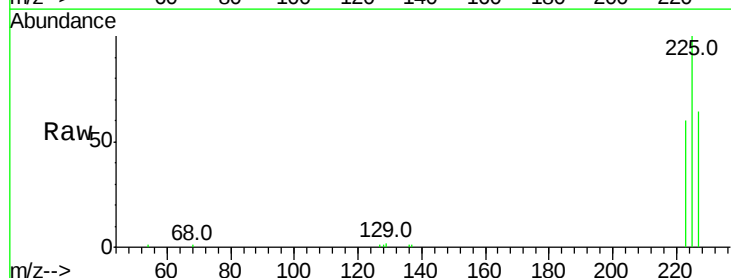
Tgt Ion:225 Resp: 10893

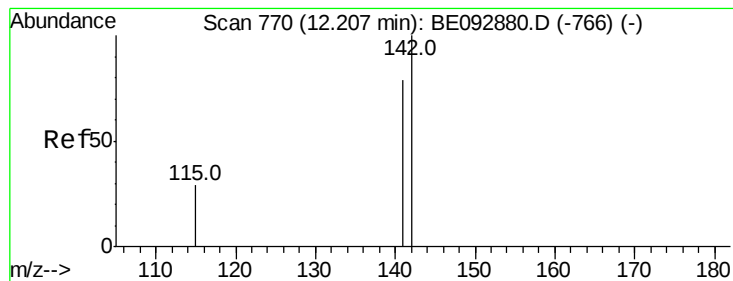
Ion Ratio Lower Upper

225 100

223 62.9 50.6 76.0

227 63.9 51.4 77.0





#11

2-Methylnaphthalene

Concen: 10.48 ng

RT: 12.21 min Scan# 770

Delta R.T. -0.00 min

Lab File: BE092885.D

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Instrument :

BNA_E

ClientSampleId :

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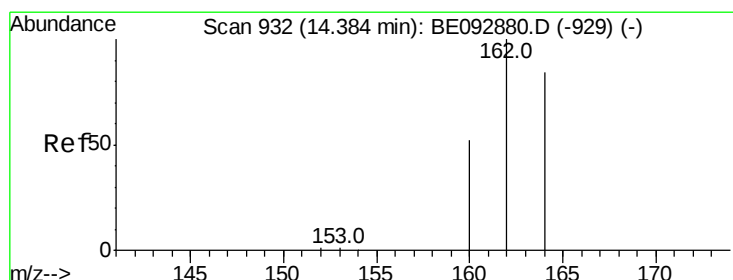
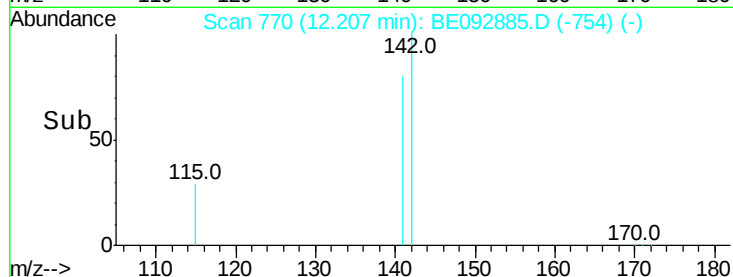
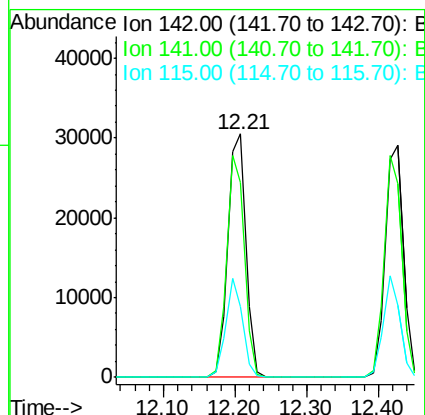
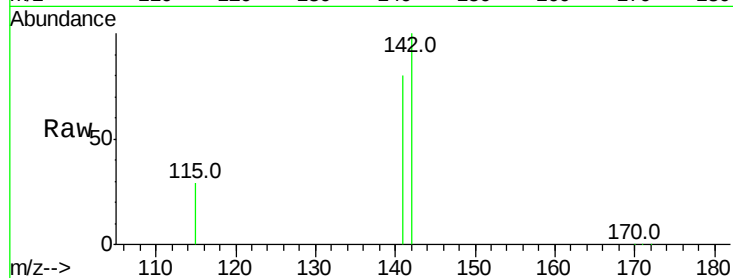
Tot Ion:142 Resp: 53195

Ion Ratio Lower Upper

142 100

141 80.1 73.7 110.5

115 29.2 34.0 51.0#



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.40 min Scan# 933

Delta R.T. 0.00 min

Lab File: BE092885.D

Acq: 4 Apr 2017 15:23

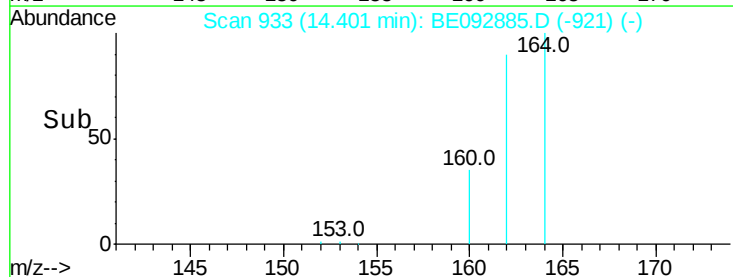
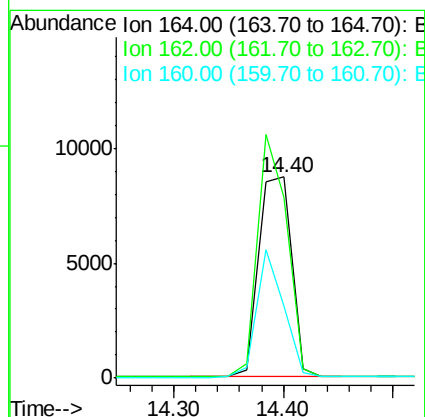
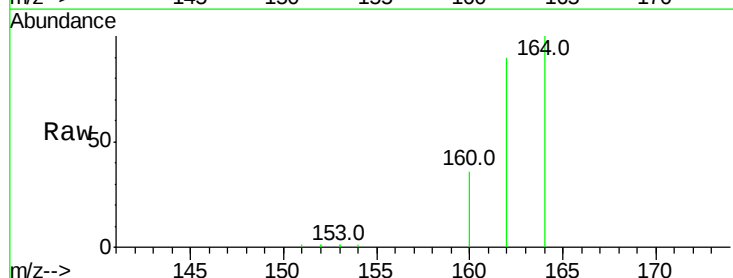
Tgt Ion:164 Resp: 18320

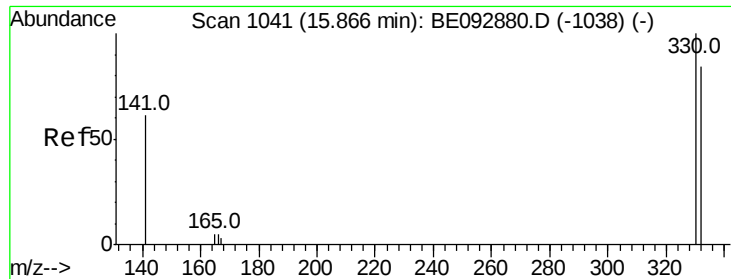
Ion Ratio Lower Upper

164 100

162 89.7 71.4 107.0

160 35.7 27.4 41.2

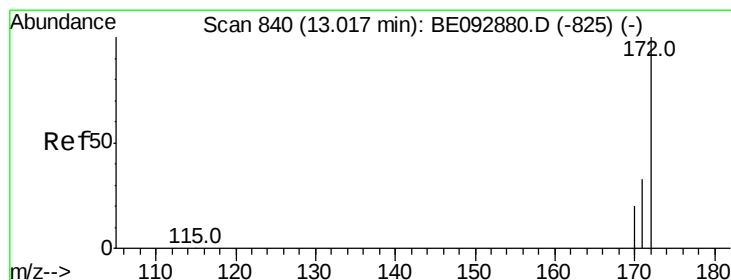
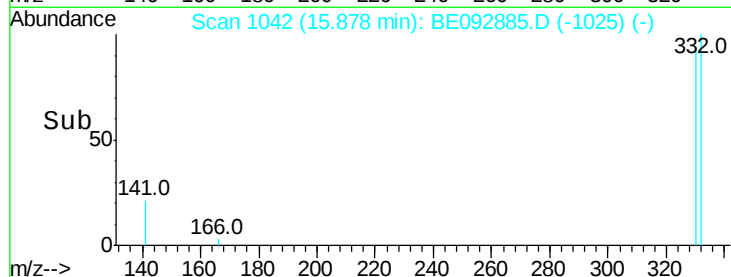
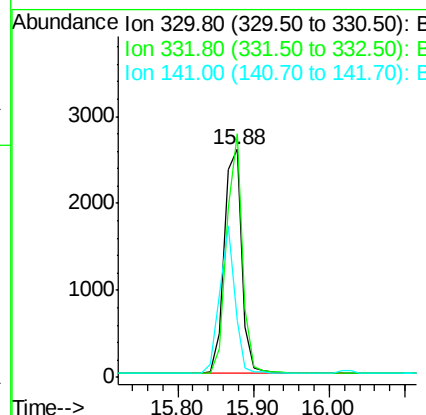
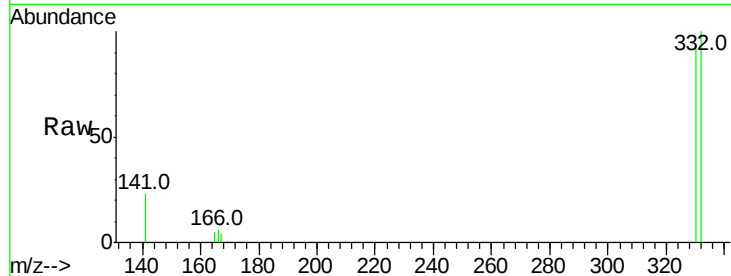




#13
 2,4,6-Tribromophenol
 Concen: 14.83 ng
 RT: 15.88 min Scan# 1042
 Delta R.T. 0.00 min
 Lab File: BE092885.D
 Acq: 4 Apr 2017 15:23

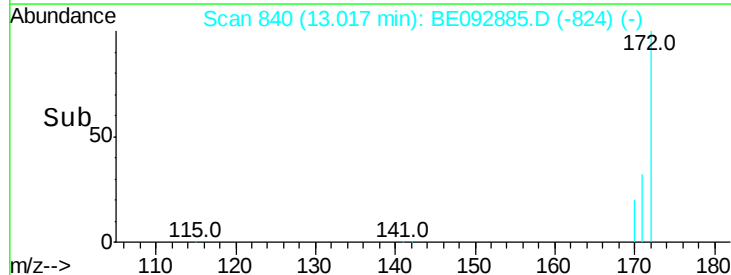
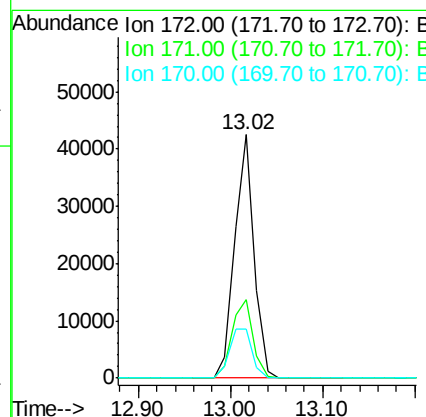
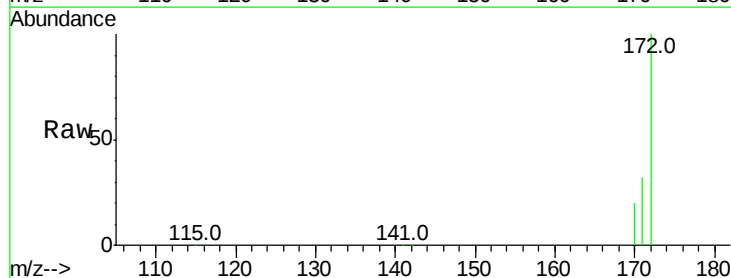
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC010

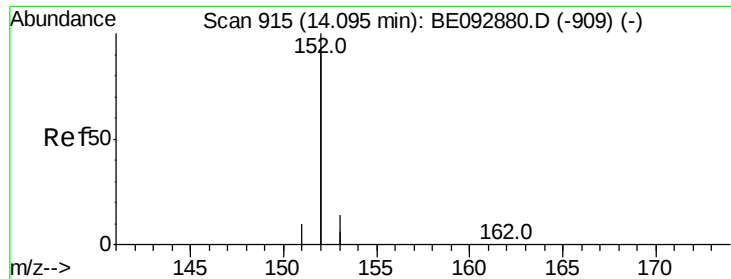
Tot Ion:330 Resp: 4244
 Ion Ratio Lower Upper
 330 100
 332 96.6 75.4 113.0
 141 56.6 31.0 46.6#



#14
 2-Fluorobiphenyl
 Concen: 10.25 ng
 RT: 13.02 min Scan# 840
 Delta R.T. -0.01 min
 Lab File: BE092885.D
 Acq: 4 Apr 2017 15:23

Tgt Ion:172 Resp: 61912
 Ion Ratio Lower Upper
 172 100
 171 32.4 30.1 45.1
 170 20.1 21.8 32.6#





#15

Acenaphthylene

Concen: 12.41 ng

RT: 14.09 min Scan# 915

Delta R.T. -0.02 min

Lab File: BE092885.D

Acq: 4 Apr 2017 15:23

Instrument :

BNA_E

ClientSampleId :

SSTDIC010

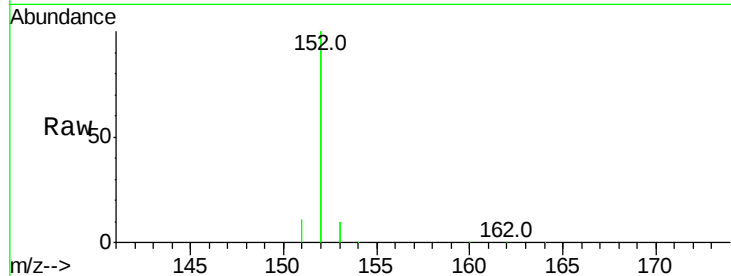
Tot Ion:152 Resp: 348571

Ion Ratio Lower Upper

152 100

151 5.0 3.9 5.9

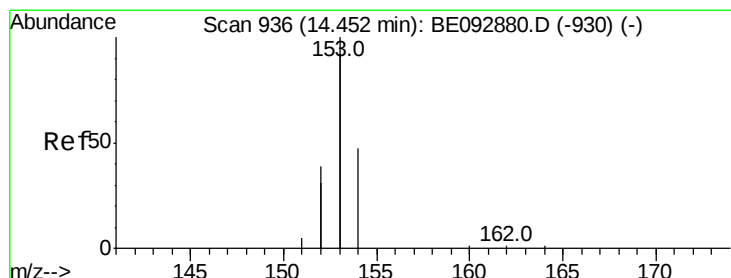
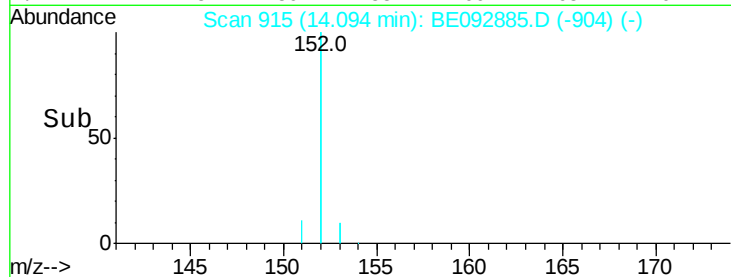
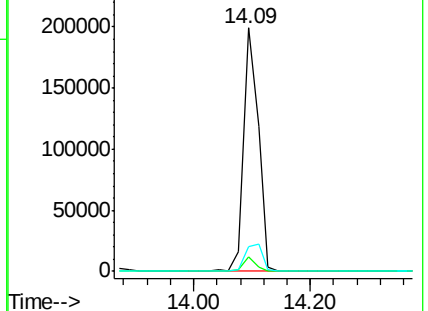
153 13.0 10.4 15.6



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: 10.85 ng

RT: 14.45 min Scan# 936

Delta R.T. 0.00 min

Lab File: BE092885.D

Acq: 4 Apr 2017 15:23

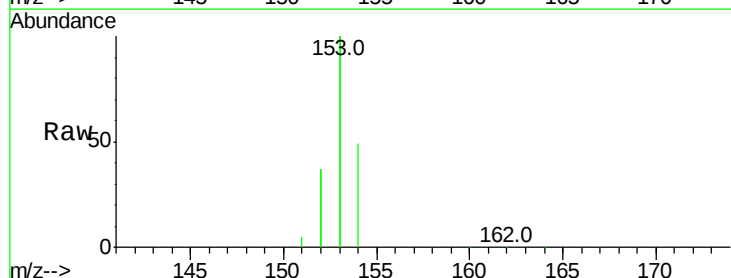
Tgt Ion:154 Resp: 54328

Ion Ratio Lower Upper

154 100

153 439.1 350.8 526.2

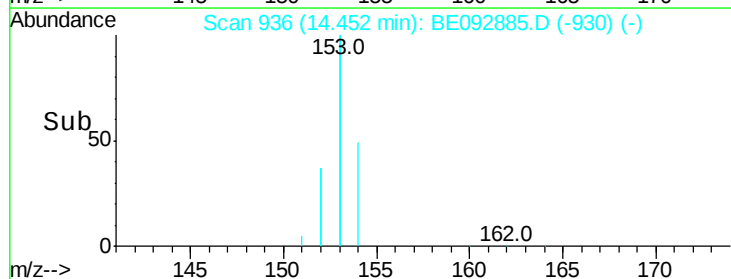
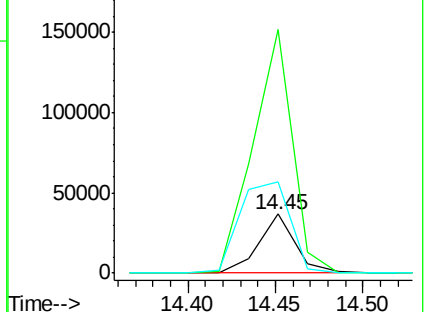
152 212.7 171.1 256.7

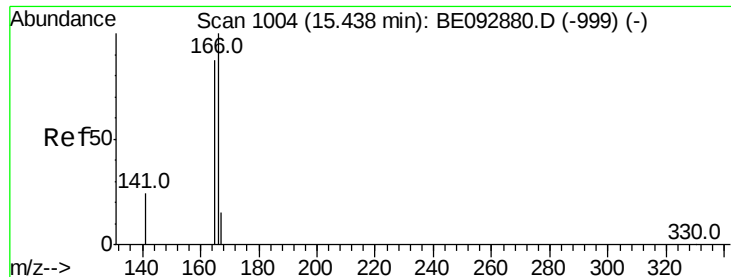


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#17

Fluorene

Concen: 10.71 ng

RT: 15.44 min Scan# 1004

Delta R.T. 0.00 min

Lab File: BE092885.D

Acq: 4 Apr 2017 15:23

Instrument :

BNA_E

ClientSampleId :

SSTDIC010

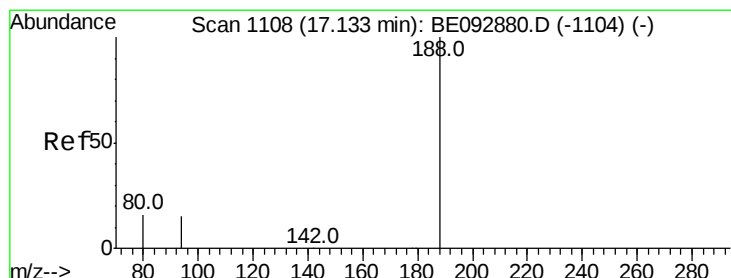
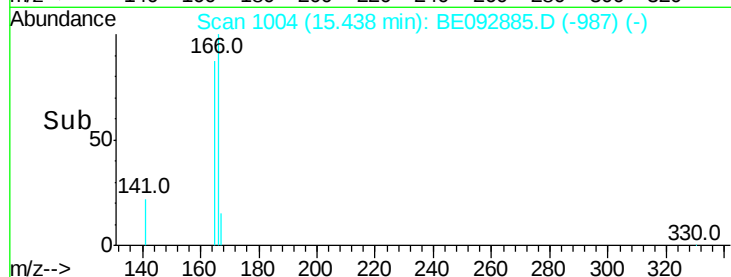
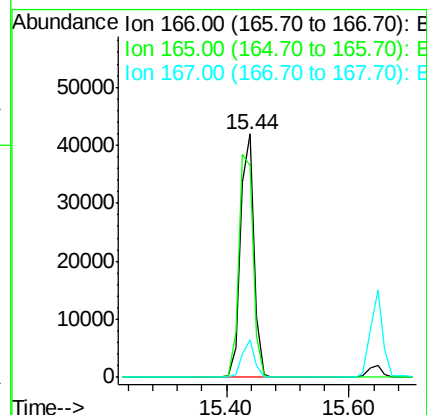
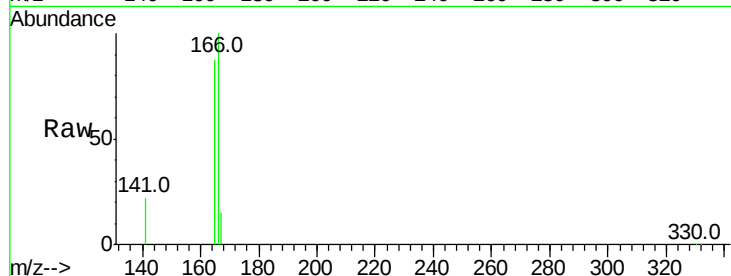
Tot Ion:166 Resp: 63949

Ion Ratio Lower Upper

166 100

165 98.1 78.2 117.4

167 14.2 11.0 16.4



#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.13 min Scan# 1108

Delta R.T. -0.02 min

Lab File: BE092885.D

Acq: 4 Apr 2017 15:23

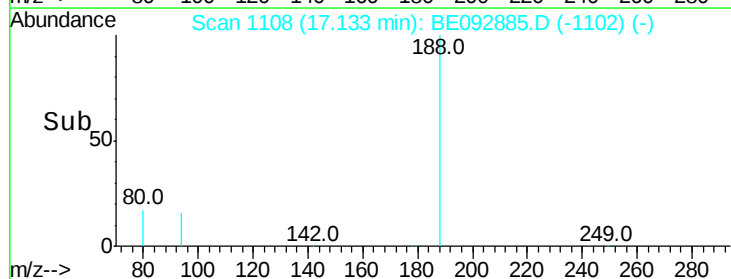
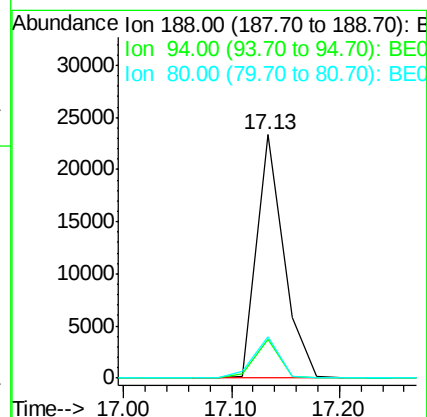
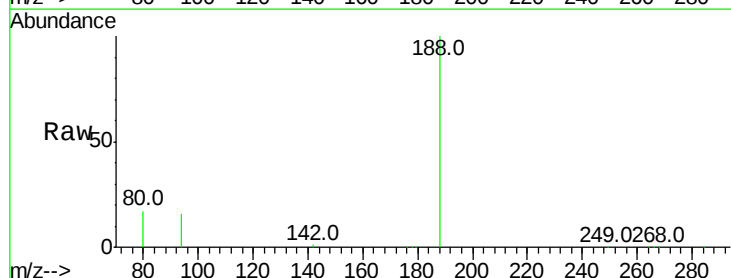
Tgt Ion:188 Resp: 40622

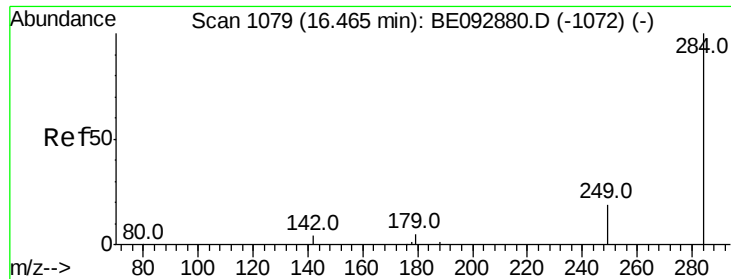
Ion Ratio Lower Upper

188 100

94 15.9 3.2 4.8#

80 16.9 2.6 3.8#

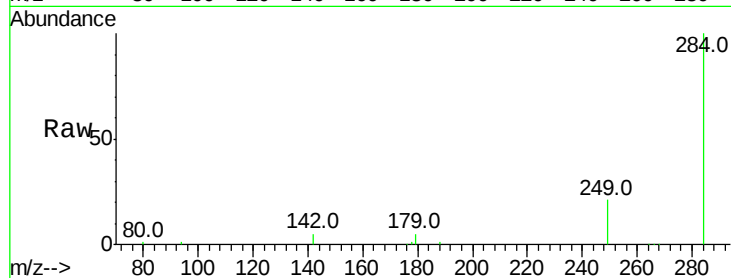




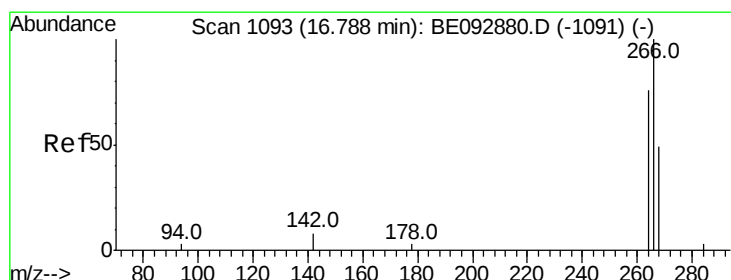
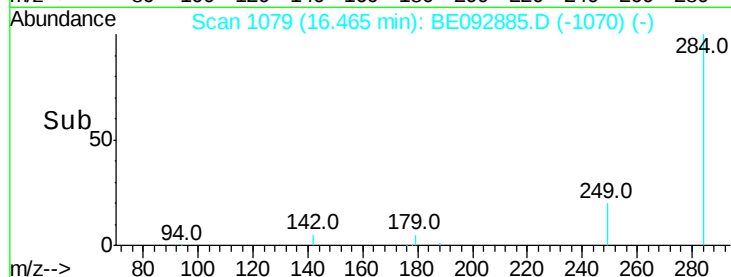
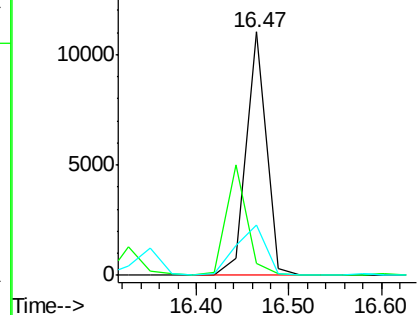
#19
Hexachlorobenzene
Concen: 10.99 ng
RT: 16.47 min Scan# 1079
Delta R.T. -0.00 min
Lab File: BE092885.D
Acq: 4 Apr 2017 15:23

Instrument :
BNA_E
ClientSampleId :
SSTDIC010

Tot Ion:284 Resp: 16557
Ion Ratio Lower Upper
284 100
142 0.0 29.1 43.7#
249 29.9 27.9 41.9

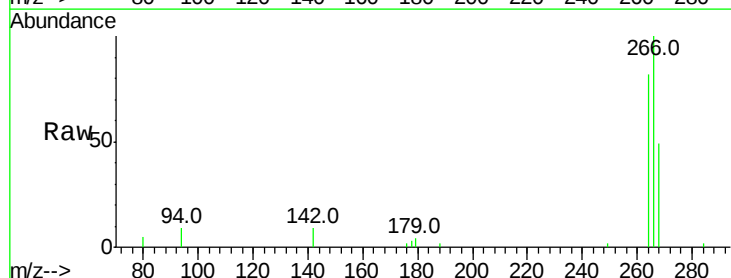


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

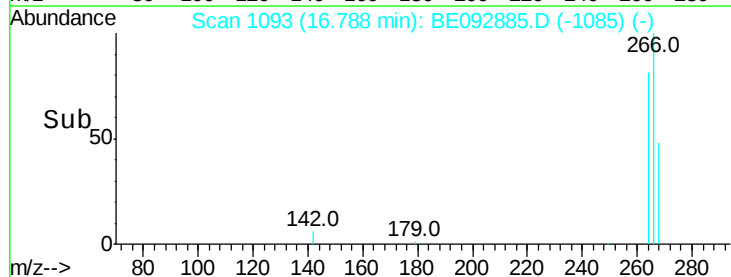
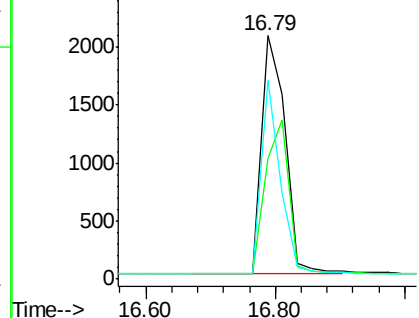


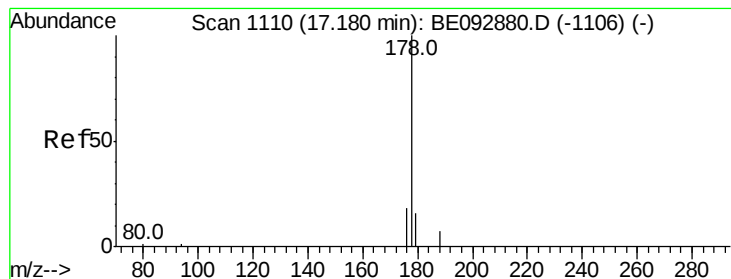
#20
Pentachlorophenol
Concen: 13.47 ng
RT: 16.79 min Scan# 1093
Delta R.T. -0.02 min
Lab File: BE092885.D
Acq: 4 Apr 2017 15:23

Tgt Ion:266 Resp: 5254
Ion Ratio Lower Upper
266 100
268 49.4 62.5 93.7#
264 81.8 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: 11.30 ng

RT: 17.18 min Scan# 1110

Delta R.T. -0.00 min

Lab File: BE092885.D

Acq: 4 Apr 2017 15:23

Instrument :

BNA_E

ClientSampleId :

SSTDICC010

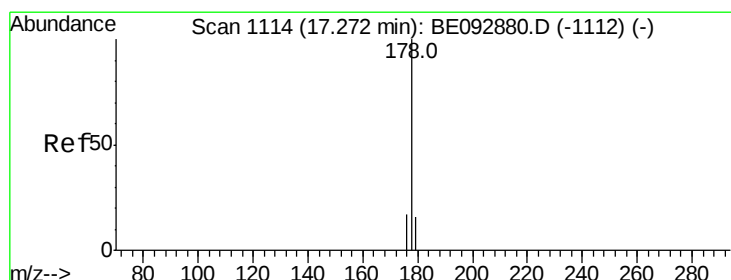
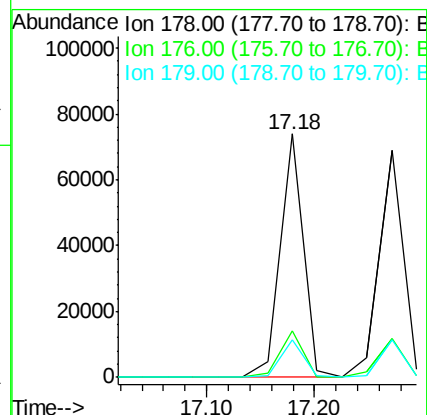
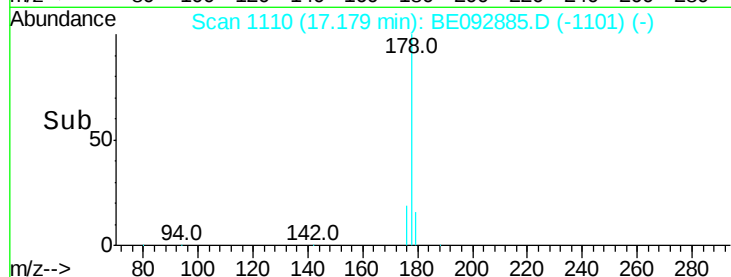
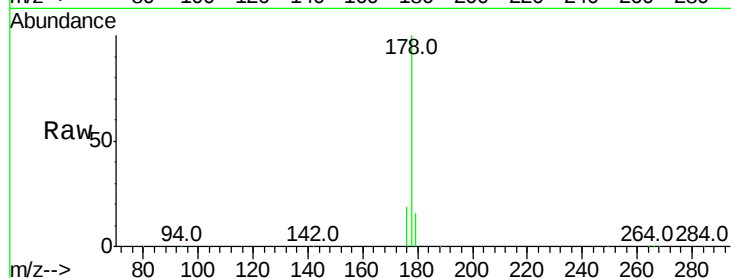
Tot Ion:178 Resp: 111698

Ion Ratio Lower Upper

178 100

176 19.4 15.8 23.8

179 15.5 16.0 24.0#



#22

Anthracene

Concen: 11.89 ng

RT: 17.27 min Scan# 1114

Delta R.T. -0.00 min

Lab File: BE092885.D

Acq: 4 Apr 2017 15:23

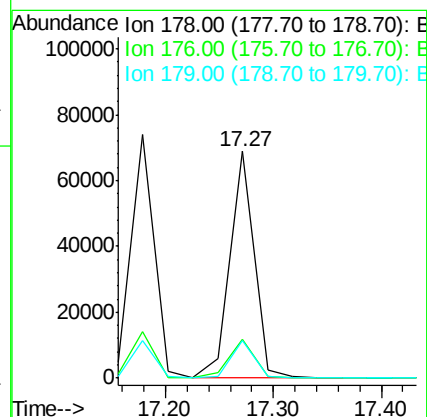
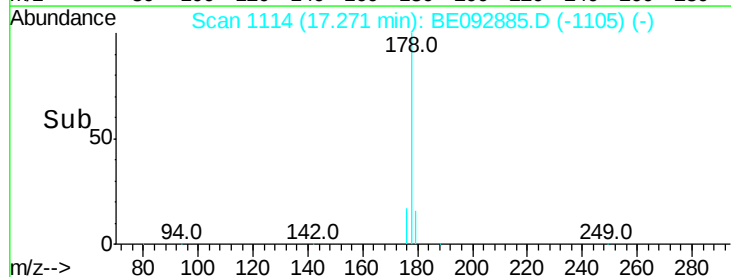
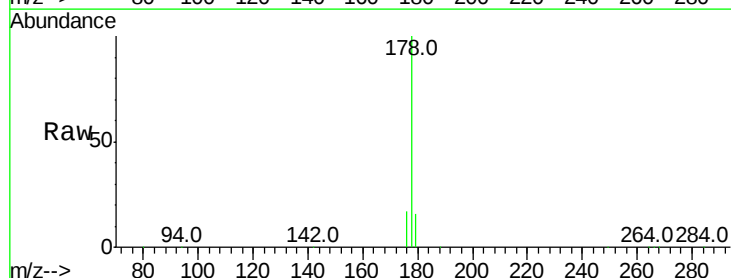
Tgt Ion:178 Resp: 106807

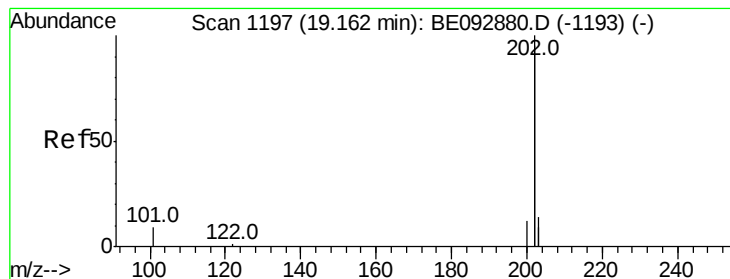
Ion Ratio Lower Upper

178 100

176 17.9 15.0 22.4

179 16.0 12.2 18.2





#23

Fluoranthene

Concen: 10.22 ng

RT: 19.16 min Scan# 1197

Delta R.T. -0.02 min

Lab File: BE092885.D

Acq: 4 Apr 2017 15:23

Instrument :

BNA_E

ClientSampleId :

SSTDIC010

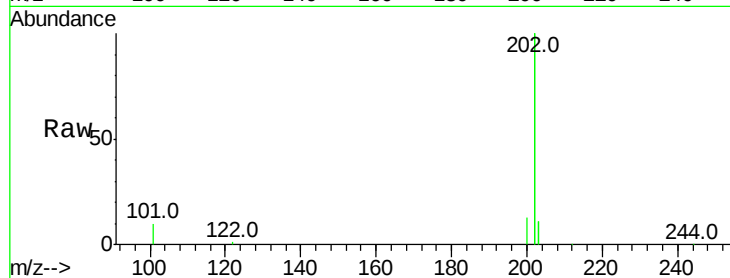
Tot Ion:202 Resp: 464750

Ion Ratio Lower Upper

202 100

101 3.5 2.2 3.4#

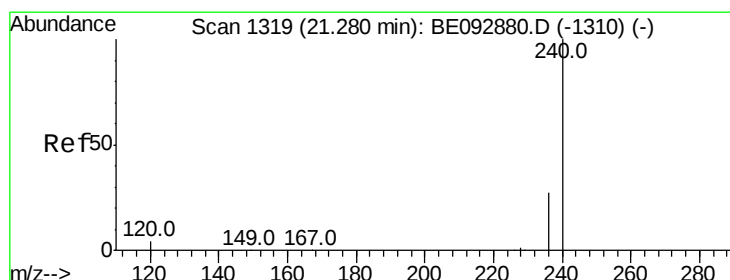
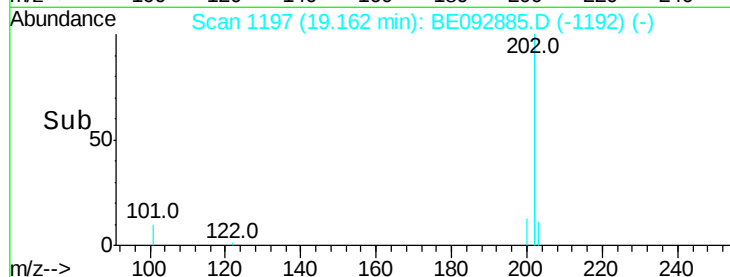
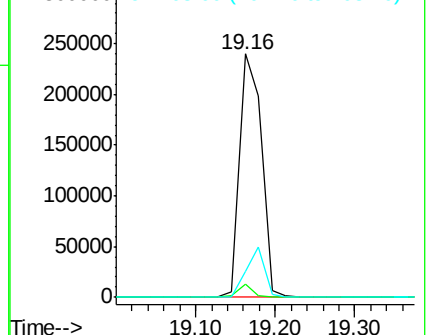
203 17.5 13.7 20.5



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: 21.28 min Scan# 1319

Delta R.T. -0.02 min

Lab File: BE092885.D

Acq: 4 Apr 2017 15:23

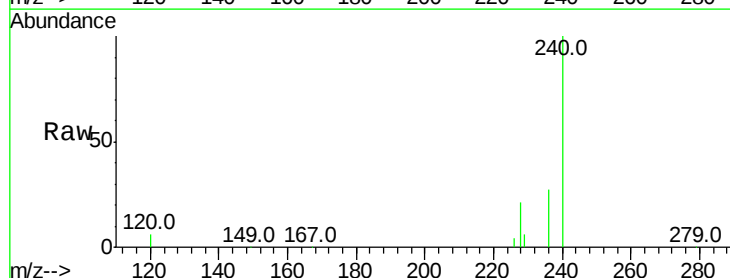
Tgt Ion:240 Resp: 50354

Ion Ratio Lower Upper

240 100

120 5.6 2.6 4.0#

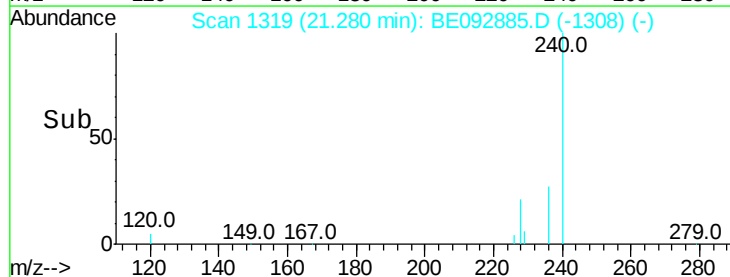
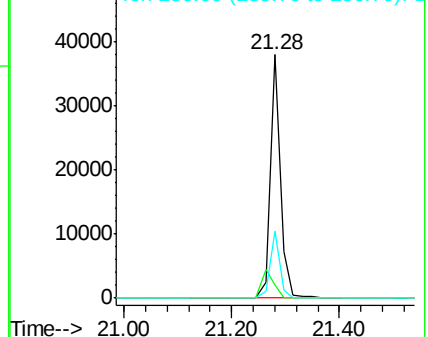
236 27.4 24.6 37.0

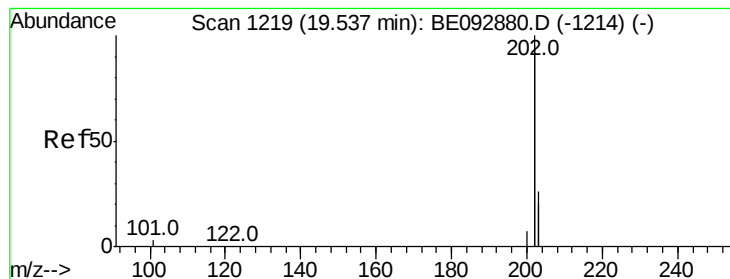


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#25

Pvrene

Concen: 10.30 ng

RT: 19.54 min Scan# 1219

Delta R.T. 0.00 min

Lab File: BE092885.D

Acq: 4 Apr 2017 15:23

Instrument :

BNA_E

ClientSampleId :

SSTDIC010

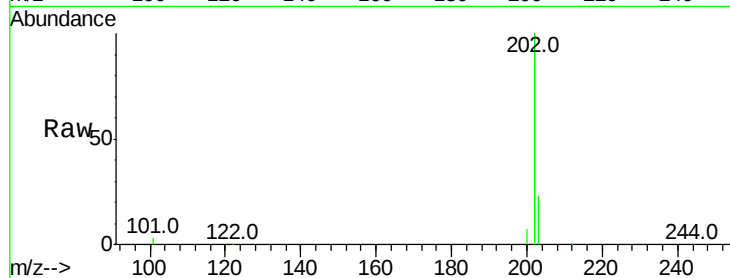
Tot Ion:202 Resp: 515921

Ion Ratio Lower Upper

202 100

200 5.0 4.2 6.4

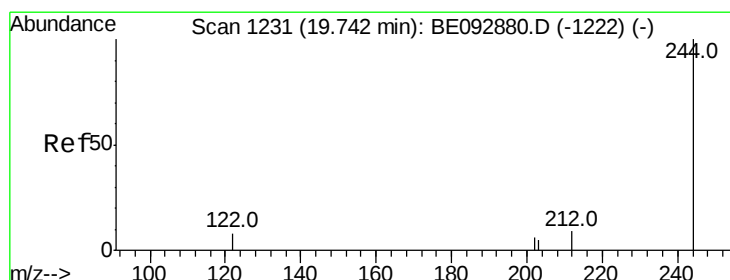
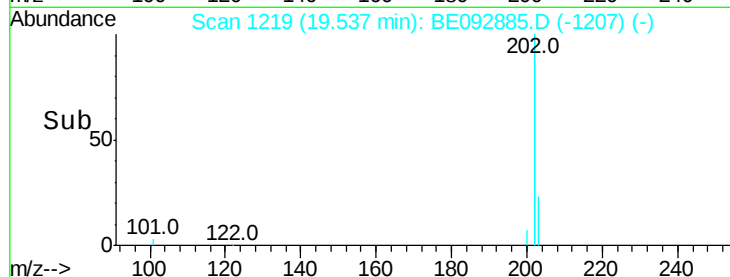
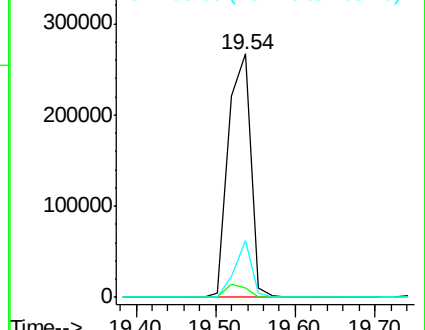
203 17.9 13.9 20.9



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: 9.53 ng

RT: 19.74 min Scan# 1231

Delta R.T. -0.02 min

Lab File: BE092885.D

Acq: 4 Apr 2017 15:23

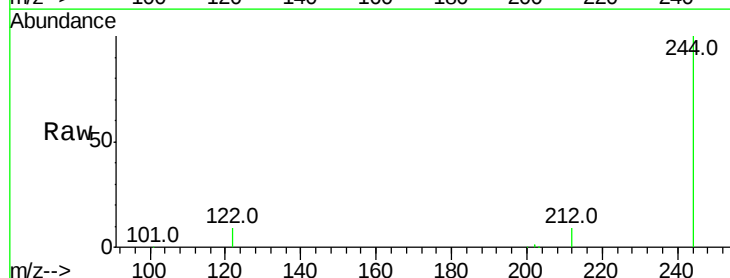
Tgt Ion:244 Resp: 82956

Ion Ratio Lower Upper

244 100

212 9.2 6.7 10.1

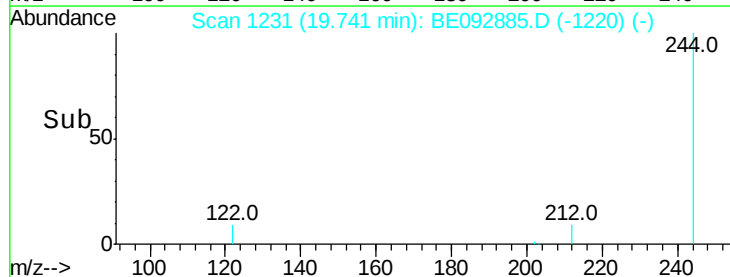
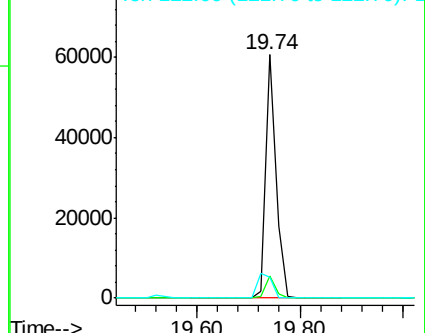
122 8.7 3.6 5.4#

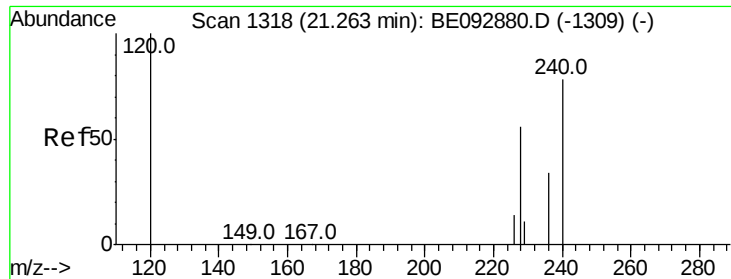


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#27

Benzo(a)anthracene

Concen: 9.27 ng

RT: 21.31 min Scan# 1321

Delta R.T. 0.05 min

Lab File: BE092885.D

Acq: 4 Apr 2017 15:23

Instrument :

BNA_E

ClientSampleId :

SSTDICC010

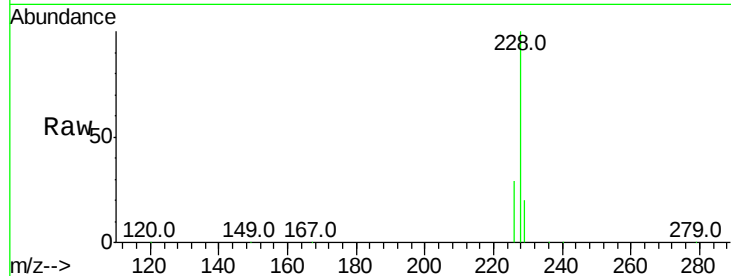
Tot Ion:228 Resp: 110581

Ion Ratio Lower Upper

228 100

226 29.1 23.6 35.4

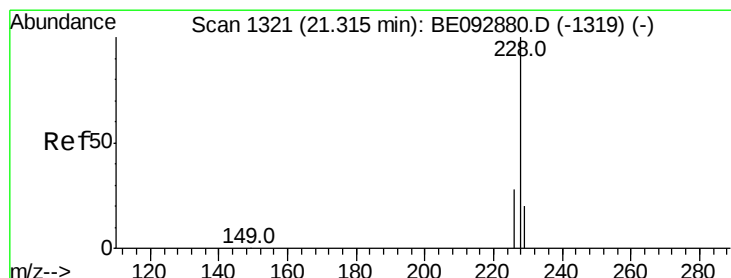
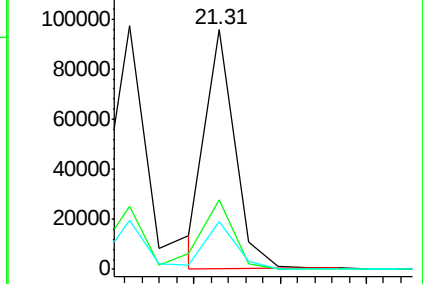
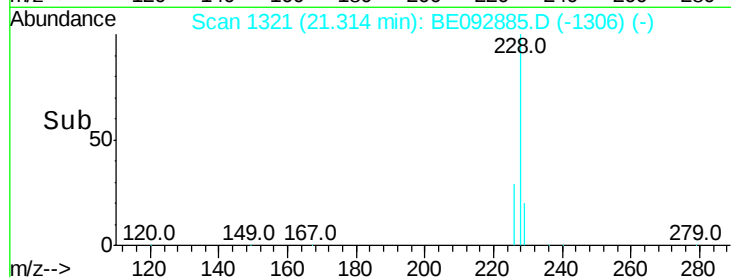
229 19.8 13.3 19.9



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: 8.89 ng

RT: 21.31 min Scan# 1321

Delta R.T. 0.00 min

Lab File: BE092885.D

Acq: 4 Apr 2017 15:23

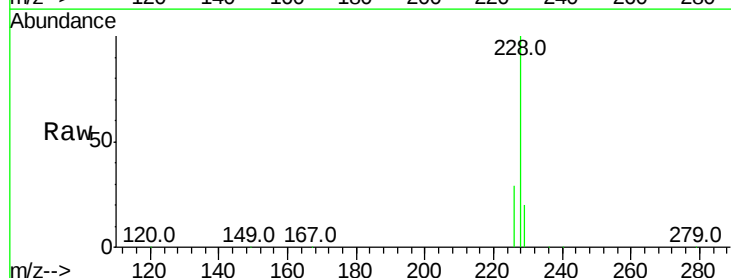
Tgt Ion:228 Resp: 111977

Ion Ratio Lower Upper

228 100

226 29.1 36.3 54.5#

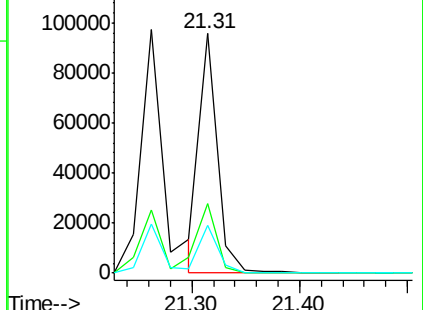
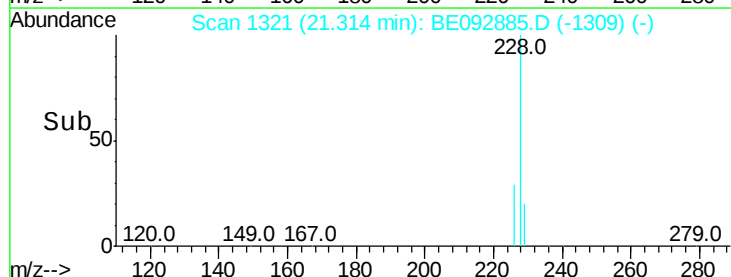
229 19.8 10.6 16.0#

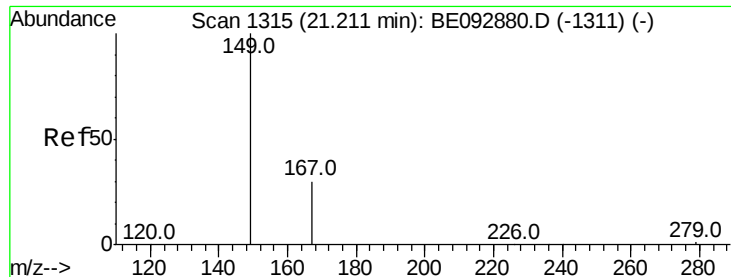


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#29

Bis(2-ethylhexyl)phthalate

Concen: 16.66 ng

RT: 21.21 min Scan# 1315

Delta R.T. -0.02 min

Lab File: BE092885.D

Acq: 4 Apr 2017 15:23

Instrument :

BNA_E

ClientSampleId :

SSTDIC010

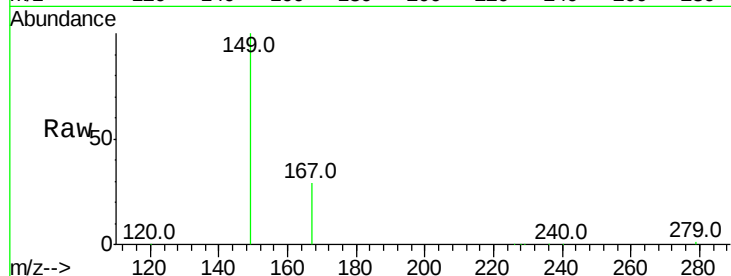
Tot Ion:149 Resp: 60682

Ion Ratio Lower Upper

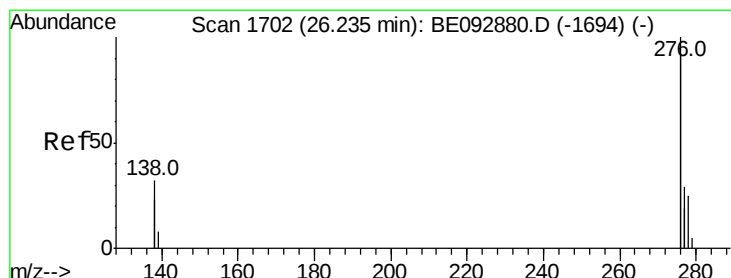
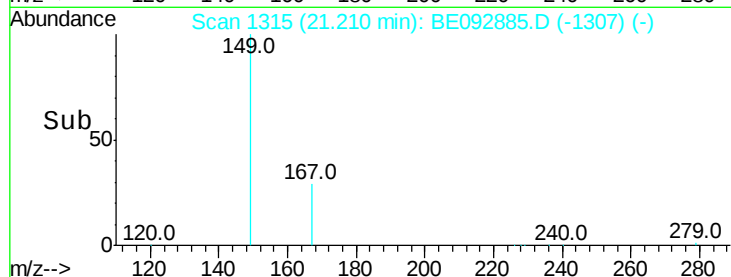
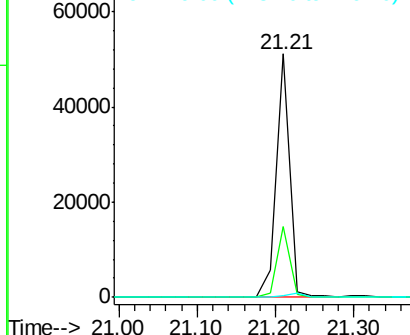
149 100

167 27.9 16.0 24.0#

279 2.2 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: 10.44 ng

RT: 26.24 min Scan# 1703

Delta R.T. -0.01 min

Lab File: BE092885.D

Acq: 4 Apr 2017 15:23

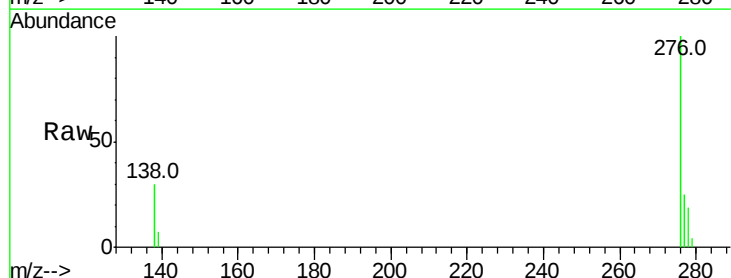
Tgt Ion:276 Resp: 494222

Ion Ratio Lower Upper

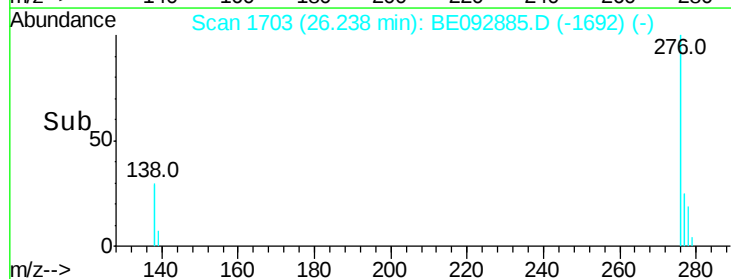
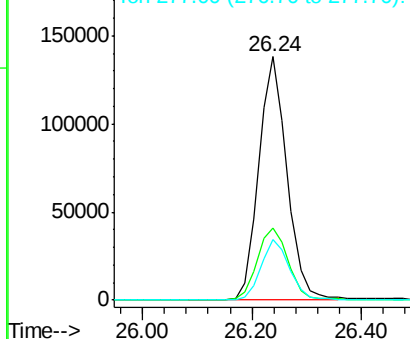
276 100

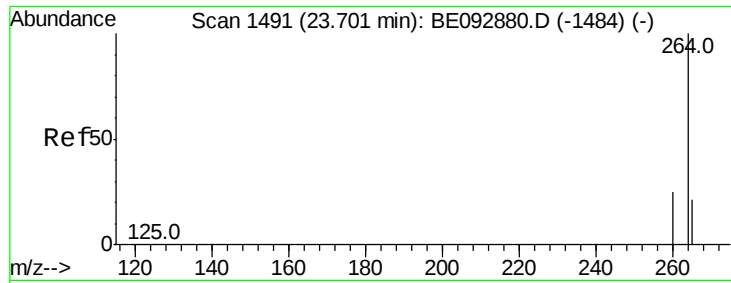
138 32.2 20.3 30.5#

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



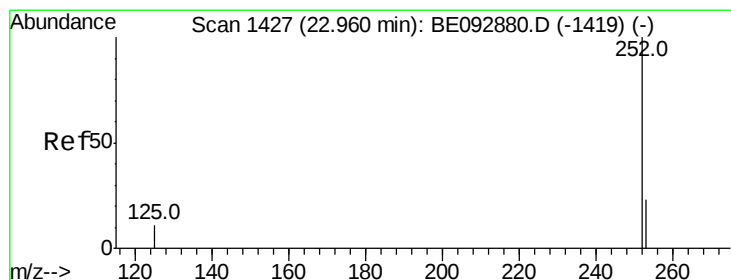
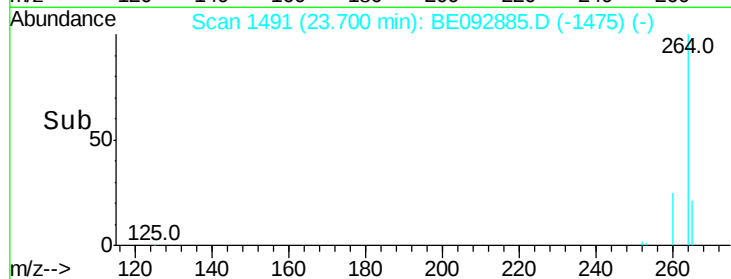
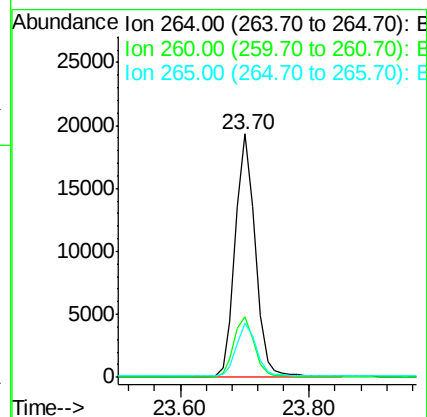
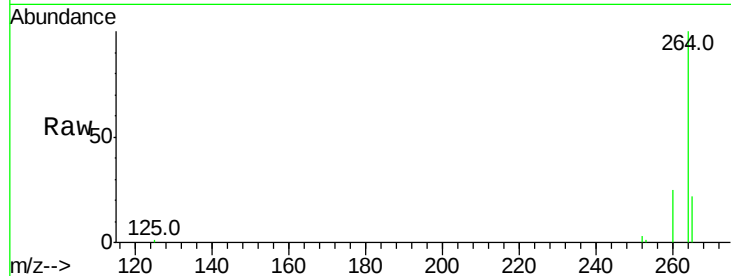


#31
Pervlene-d12
Concen: 5.00 ng
RT: 23.70 min Scan# 1491
Delta R.T. -0.01 min
Lab File: BE092885.D
Acq: 4 Apr 2017 15:23

Instrument :
BNA_E
ClientSampleId :
SSTDIC010

Tot Ion:264 Resp: 41156

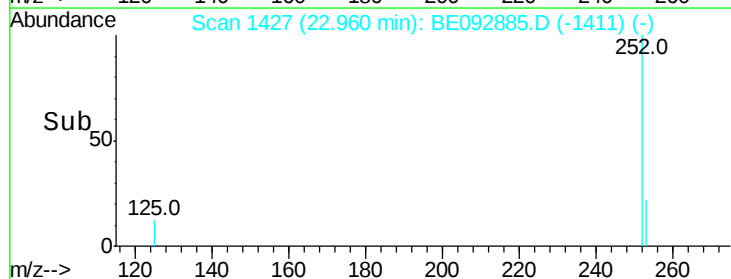
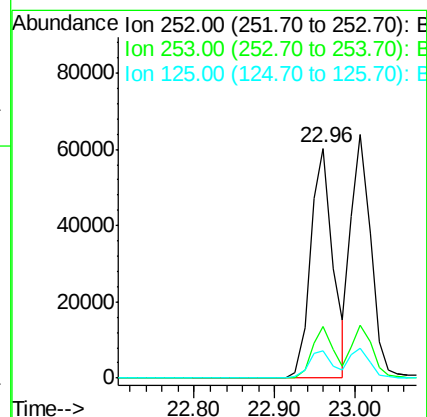
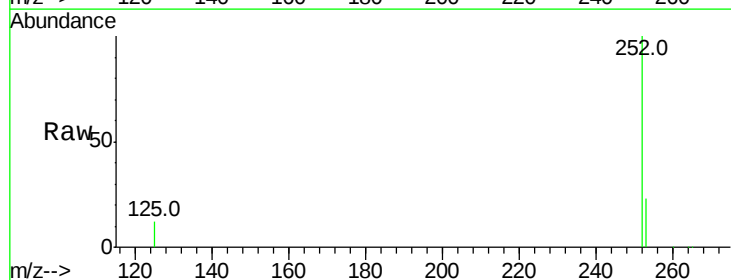
Ion	Ratio	Lower	Upper
264	100		
260	24.8	20.1	30.1
265	22.0	17.9	26.9

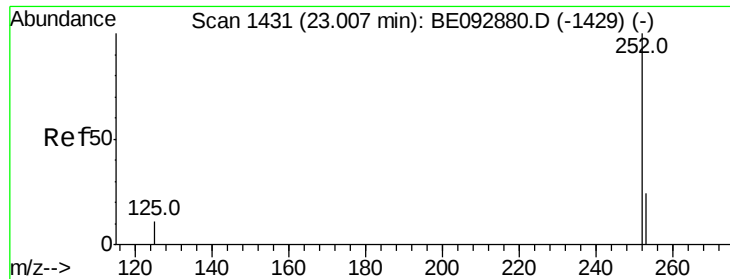


#32
Benzo(b)fluoranthene
Concen: 10.52 ng
RT: 22.96 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BE092885.D
Acq: 4 Apr 2017 15:23

Tgt Ion:252 Resp: 115217

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.7	28.1
125	11.9	10.5	15.7

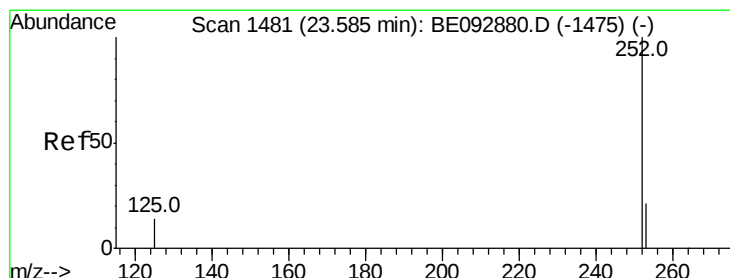
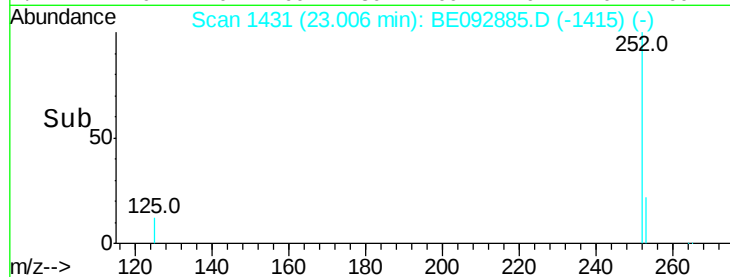
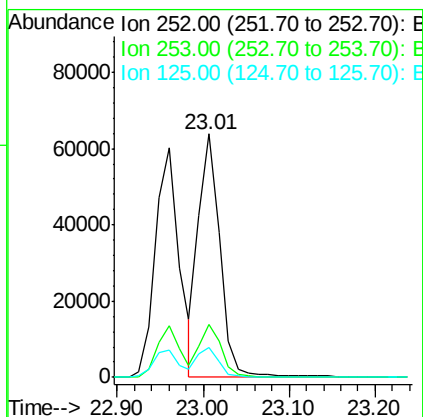
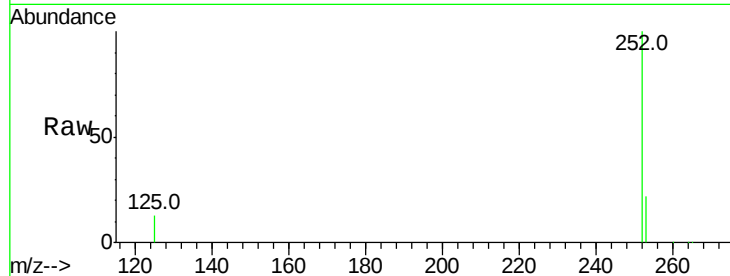




#33
Benzo(k)fluoranthene
Concen: 11.21 ng
RT: 23.01 min Scan# 1431
Delta R.T. -0.01 min
Lab File: BE092885.D
Acq: 4 Apr 2017 15:23

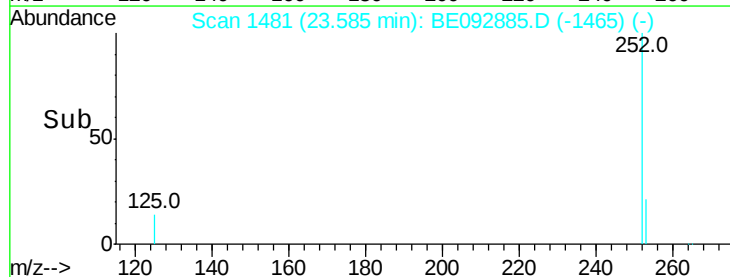
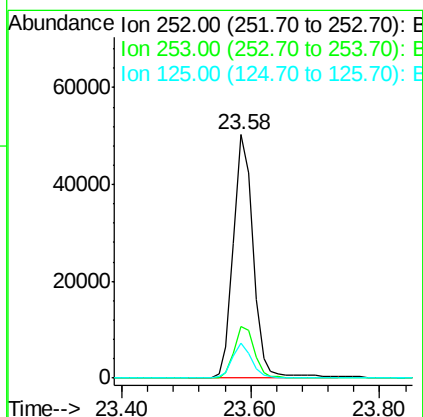
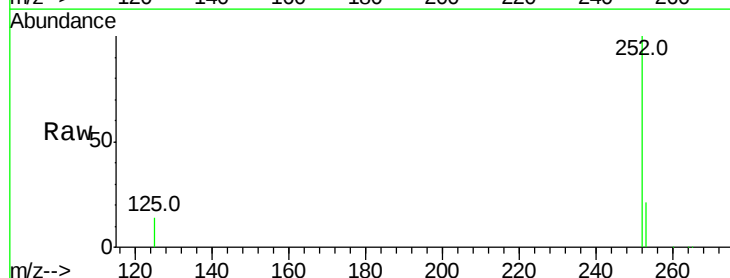
Instrument :
BNA_E
ClientSampleId :
SSTDIC010

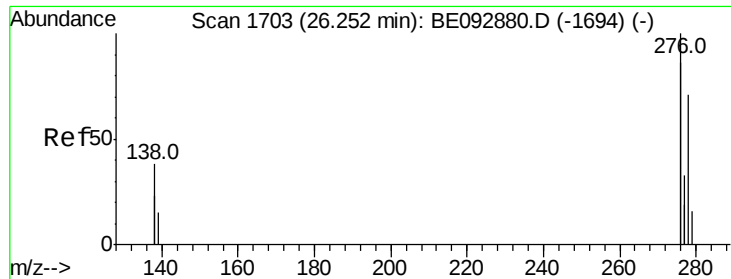
Tot Ion:252 Resp: 109935
Ion Ratio Lower Upper
252 100
253 21.9 20.3 30.5
125 12.5 9.6 14.4



#34
Benzo(a)pyrene
Concen: 11.72 ng
RT: 23.58 min Scan# 1481
Delta R.T. -0.01 min
Lab File: BE092885.D
Acq: 4 Apr 2017 15:23

Tgt Ion:252 Resp: 106092
Ion Ratio Lower Upper
252 100
253 21.2 19.0 28.6
125 14.3 11.8 17.8





#35

Dibenzo(a,h)anthracene

Concen: 11.13 ng

RT: 26.27 min Scan# 1705

Delta R.T. -0.01 min

Lab File: BE092885.D

Acq: 4 Apr 2017 15:23

Instrument :

BNA_E

ClientSampleId :

SSTDIC010

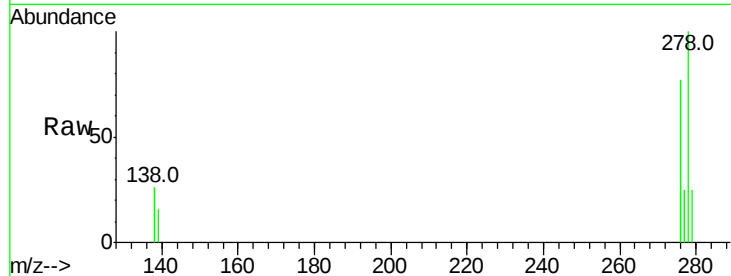
Tot Ion:278 Resp: 107149

Ion Ratio Lower Upper

278 100

139 16.4 13.8 20.8

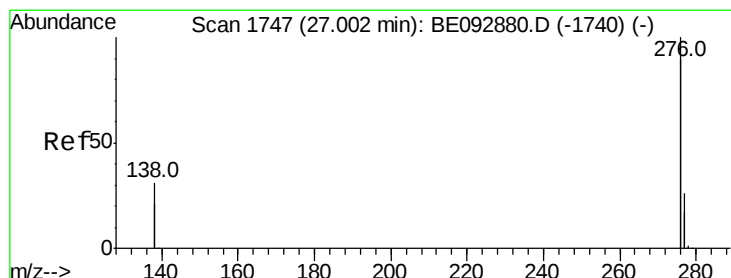
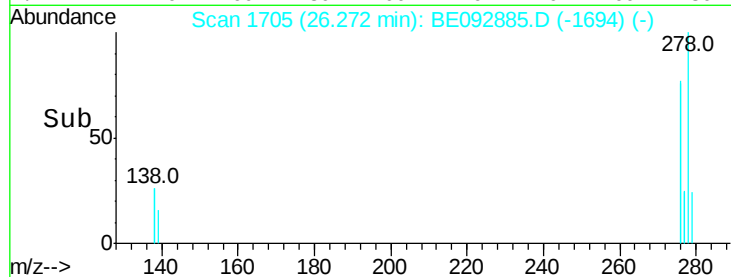
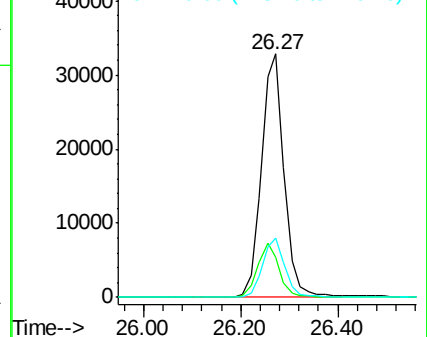
279 24.5 21.4 32.2



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: 10.69 ng

RT: 27.00 min Scan# 1748

Delta R.T. -0.01 min

Lab File: BE092885.D

Acq: 4 Apr 2017 15:23

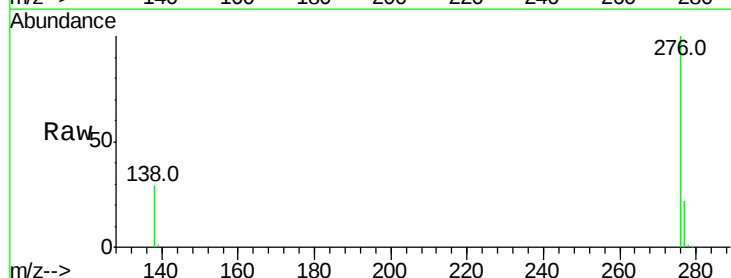
Tgt Ion:276 Resp: 426765

Ion Ratio Lower Upper

276 100

277 22.0 19.8 29.8

138 28.9 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

