

Data Path : Z:\HPCHEM1\BNA E\DATA\BE111616\
 Data File : BE092528.D
 Acq On : 16 Nov 2016 10:24
 Operator : UM/SJ
 Sample : SSTDICC0.1
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.1

Quant Time: Nov 16 13:53:33 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	6978	5.00	ng	0.00
7) Naphthalene-d8	10.93	136	33617	5.00	ng	0.00
12) Acenaphthene-d10	14.80	164	23700	5.00	ng	0.00
18) Phenanthrene-d10	17.56	188	56865	5.00	ng	0.00
24) Chrysene-d12	21.72	240	70681	5.00	ng	0.00
31) Perylene-d12	24.09	264	70938	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.69	112	112	0.07	ng	0.01
5) Phenol-d6	7.40	99	142	0.07	ng	0.05
8) Nitrobenzene-d5	9.39	82	159	0.07	ng	0.02
13) 2,4,6-Tribromophenol	16.32	330	55	0.08	ng	0.01
14) 2-Fluorobiphenyl	13.45	172	682	0.12	ng	0.01
26) Terphenyl-d14	20.17	244	992	0.12	ng	0.00

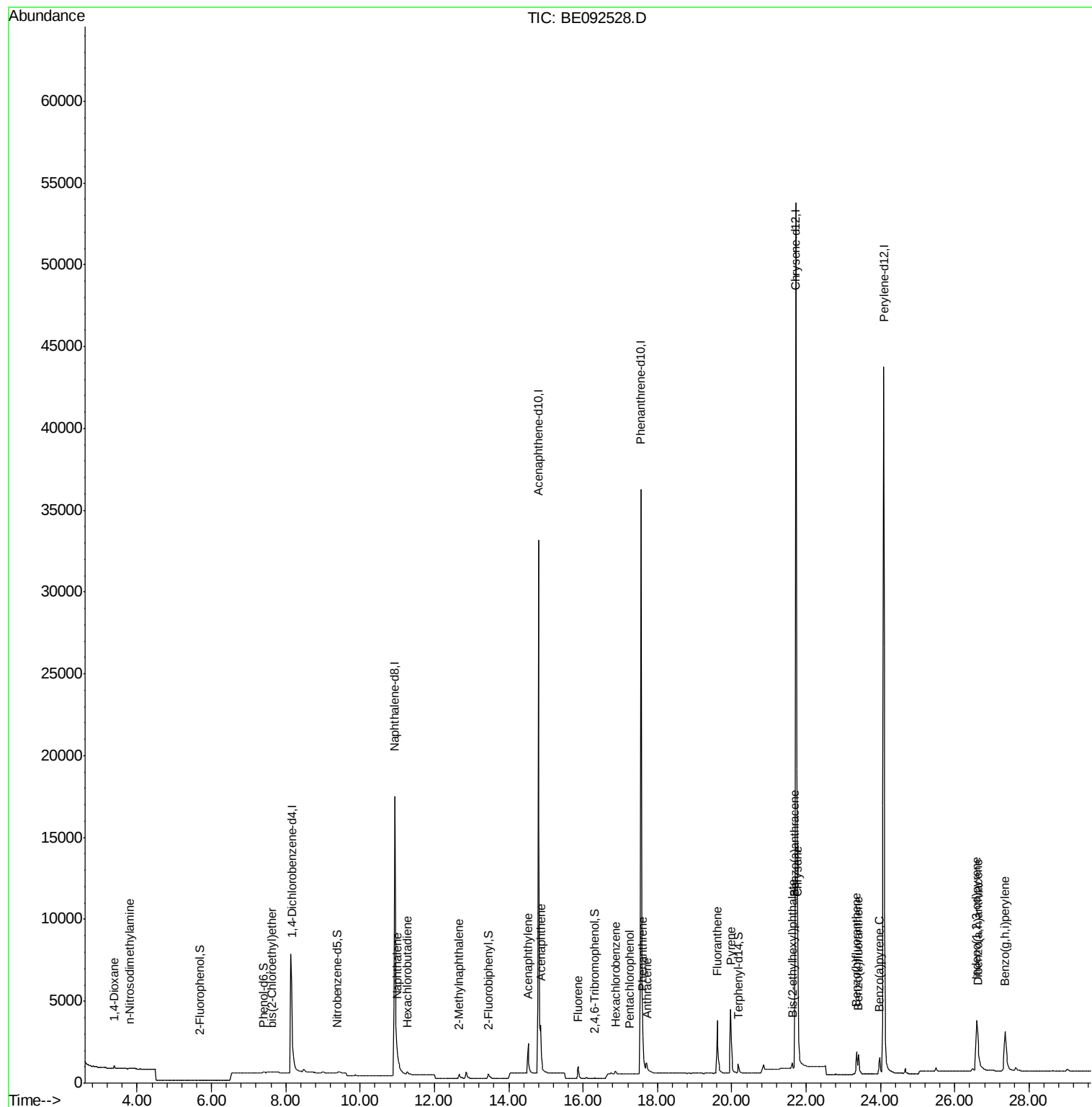
Target Compounds						Qvalue
2) 1,4-Dioxane	3.39	88	135	0.12	ng	95
3) n-Nitrosodimethylamine	3.81	42	61	0.05	ng	# 2
6) bis(2-Chloroethyl)ether	7.61	93	174	0.08	ng	# 71
9) Naphthalene	10.99	128	844	0.12	ng	# 75
10) Hexachlorobutadiene	11.26	225	134	0.12	ng	94
11) 2-Methylnaphthalene	12.66	142	488	0.10	ng	# 92
15) Acenaphthylene	14.53	152	3906	0.11	ng	100
16) Acenaphthene	14.87	154	715	0.13	ng	89
17) Fluorene	15.87	166	764	0.11	ng	98
19) Hexachlorobenzene	16.89	284	256m	0.12	ng	
20) Pentachlorophenol	17.26	266	36	0.06	ng	# 77
21) Phenanthrene	17.60	178	1512	0.12	ng	98
22) Anthracene	17.72	178	1288	0.11	ng	# 75
23) Fluoranthene	19.61	202	6611	0.11	ng	98
25) Pyrene	19.97	202	6958	0.12	ng	100
27) Benzo(a)anthracene	21.70	228	10103m	0.14	ng	
28) Chrysene	21.77	228	6562m	0.09	ng	
29) Bis(2-ethylhexyl)phthalate	21.63	149	662	0.09	ng	# 78
30) Indeno(1,2,3-cd)pyrene	26.58	276	9082	0.12	ng	99
32) Benzo(b)fluoranthene	23.36	252	2030	0.08	ng	# 89
33) Benzo(k)fluoranthene	23.41	252	2316	0.08	ng	# 89
34) Benzo(a)pyrene	23.97	252	1875	0.10	ng	# 77
35) Dibenzo(a,h)anthracene	26.62	278	1832	0.11	ng	# 82
36) Benzo(g,h,i)perylene	27.35	276	7943	0.11	ng	# 87

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

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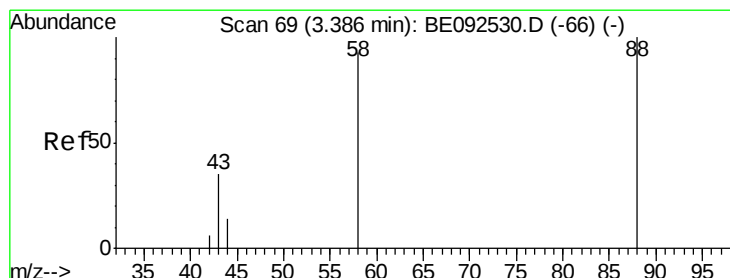
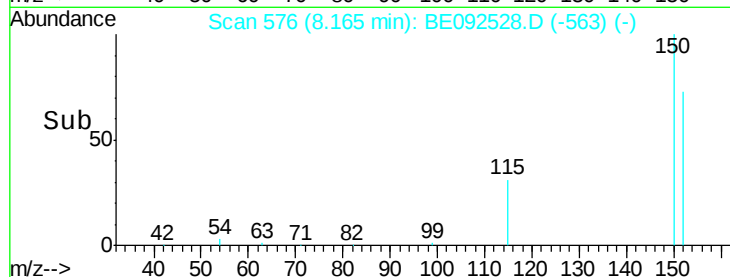
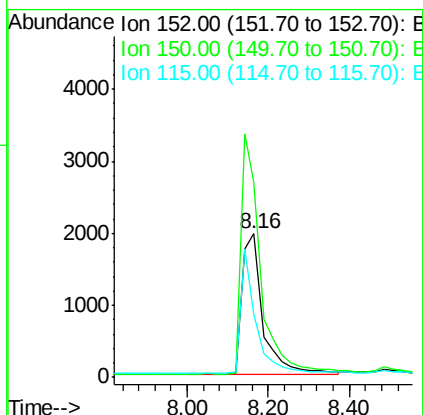
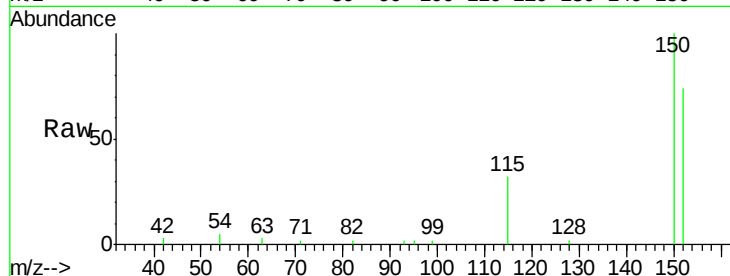


#1

1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.16 min Scan# 576
Delta R.T. 0.00 min
Lab File: BE092528.D
Acq: 16 Nov 2016 10:24

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.1

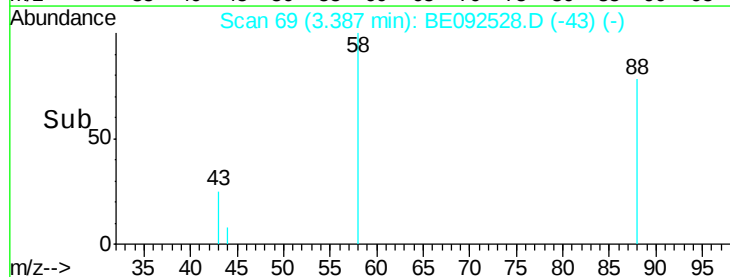
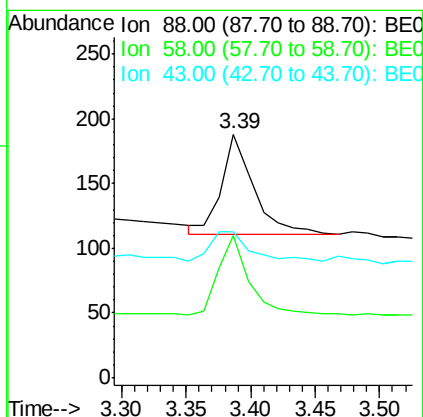
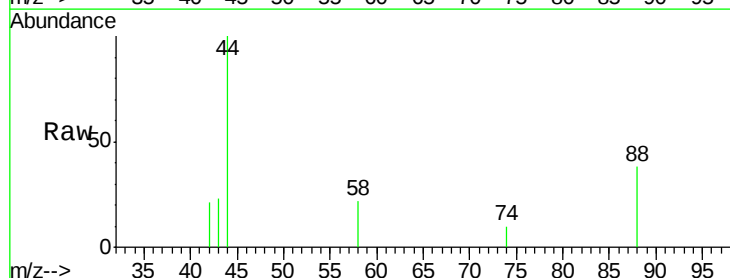
Tot Ion:152 Resp: 6978
Ion Ratio Lower Upper
152 100
150 135.9 106.0 159.0
115 43.8 31.2 46.8

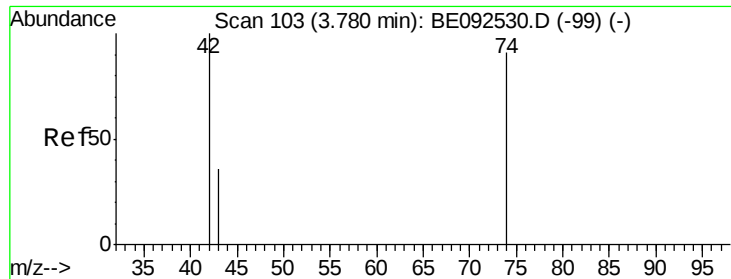


#2

1,4-Dioxane
Concen: 0.12 ng
RT: 3.39 min Scan# 69
Delta R.T. 0.00 min
Lab File: BE092528.D
Acq: 16 Nov 2016 10:24

Tgt Ion: 88 Resp: 135
Ion Ratio Lower Upper
88 100
58 77.8 63.6 95.4
43 41.5 28.0 42.0





#3

n-Nitrosodimethylamine

Concen: 0.05 ng

RT: 3.81 min Scan# 106

Delta R.T. 0.03 min

Lab File: BE092528.D

Acq: 16 Nov 2016 10:24

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

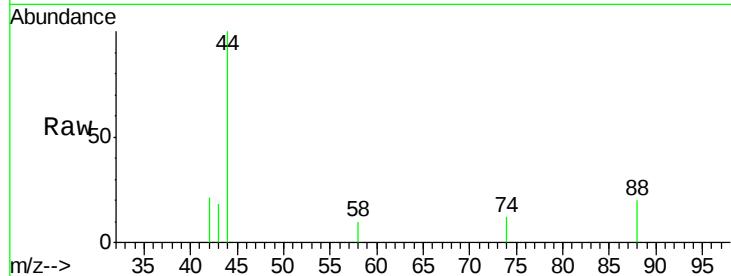
Tot Ion: 42 Resp: 61

Ion Ratio Lower Upper

42 100

74 0.0 86.0 129.0#

44 0.0 5.1 7.7#

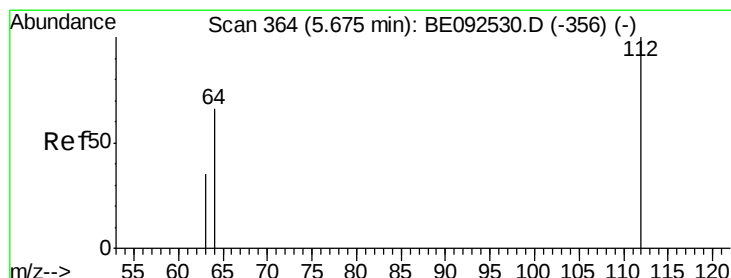
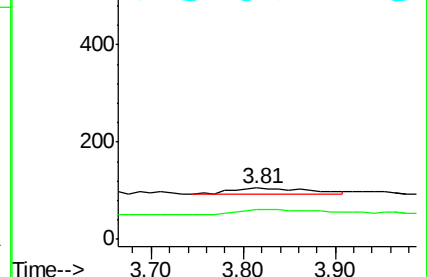
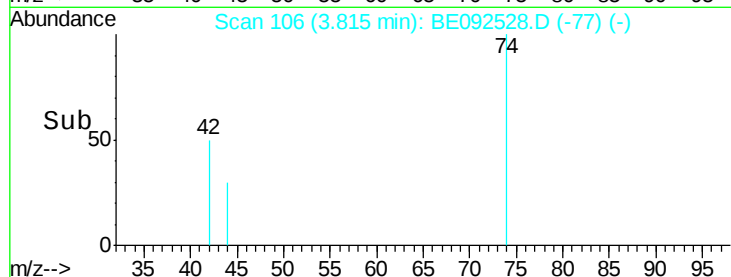


Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0

Time-->



#4

2-Fluorophenol

Concen: 0.07 ng

RT: 5.69 min Scan# 366

Delta R.T. 0.01 min

Lab File: BE092528.D

Acq: 16 Nov 2016 10:24

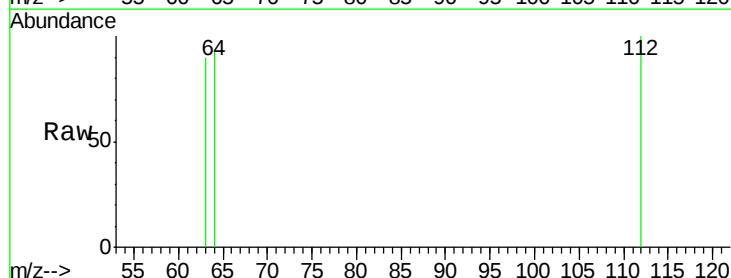
Tgt Ion: 112 Resp: 112

Ion Ratio Lower Upper

112 100

64 56.3 53.5 80.3

63 23.2 27.9 41.9#

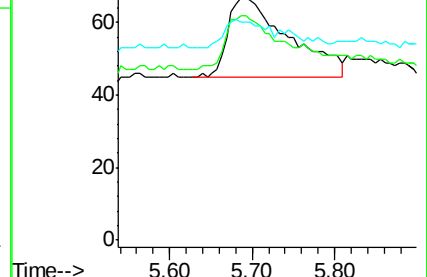
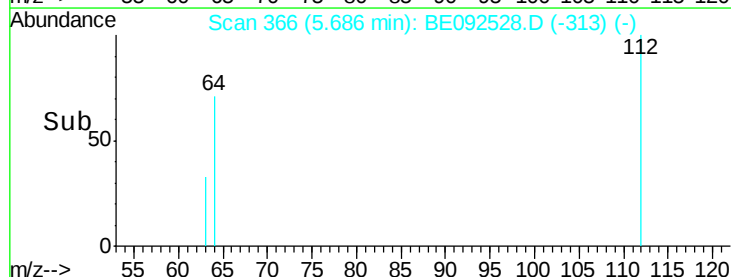


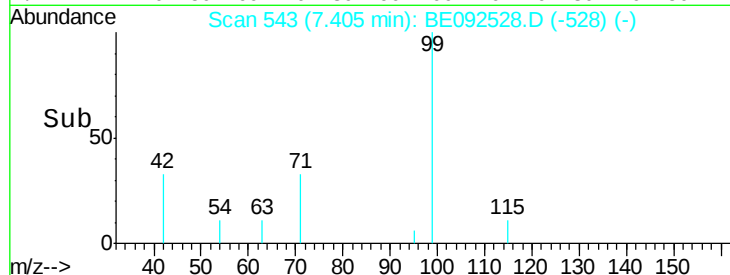
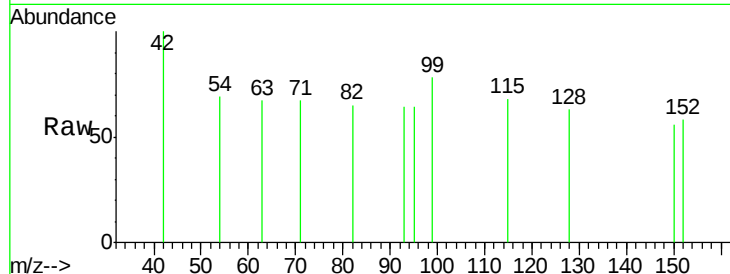
Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Time-->





#5

Phenol-d6

Concen: 0.07 ng

RT: 7.40 min Scan# 543

Delta R.T. 0.05 min

Lab File: BE092528.D

Acq: 16 Nov 2016 10:24

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

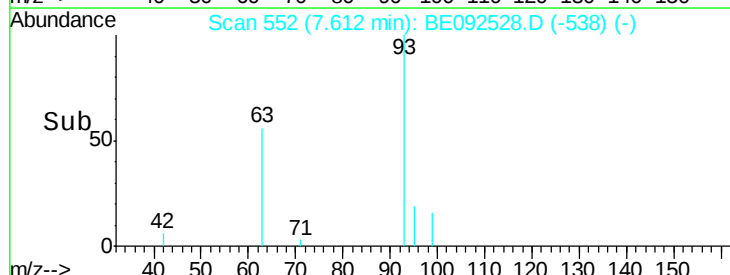
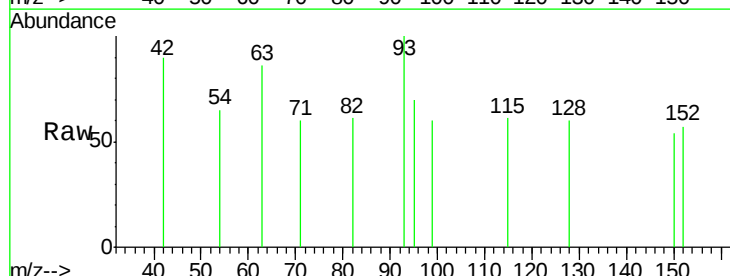
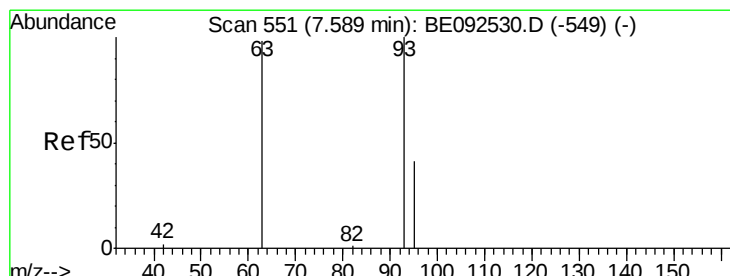
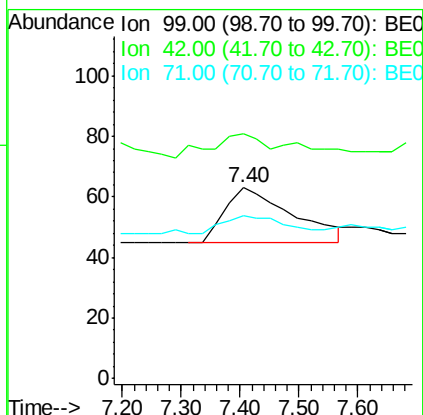
Tot Ion: 99 Resp: 142

Ion Ratio Lower Upper

99 100

42 37.3 16.0 24.0#

71 28.9 30.6 45.8#



#6

bis(2-Chloroethyl)ether

Concen: 0.08 ng

RT: 7.61 min Scan# 552

Delta R.T. 0.02 min

Lab File: BE092528.D

Acq: 16 Nov 2016 10:24

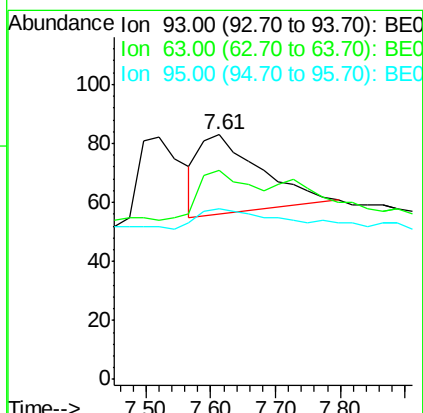
Tgt Ion: 93 Resp: 174

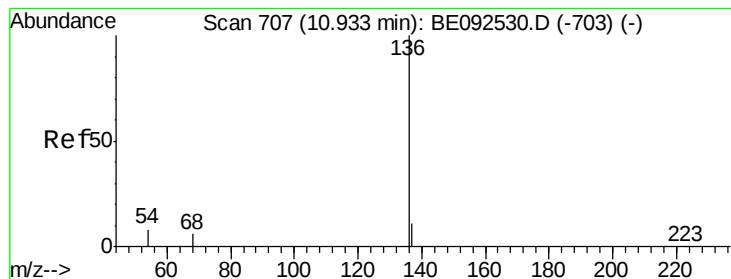
Ion Ratio Lower Upper

93 100

63 55.7 71.6 107.4#

95 35.1 24.0 36.0





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.93 min Scan# 707

Delta R.T. 0.00 min

Lab File: BE092528.D

Acq: 16 Nov 2016 10:24

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

Tot Ion:136 Resp: 33617

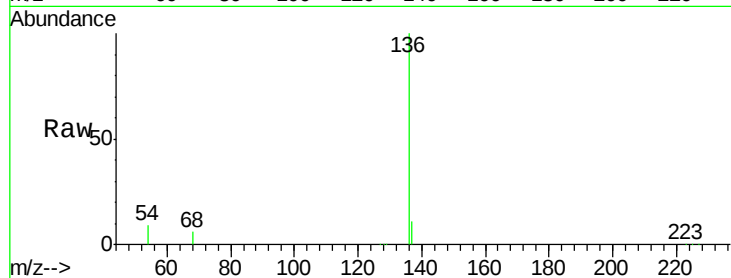
Ion Ratio Lower Upper

136 100

137 11.0 8.2 12.4

54 8.5 9.6 14.4#

68 6.1 6.7 10.1#

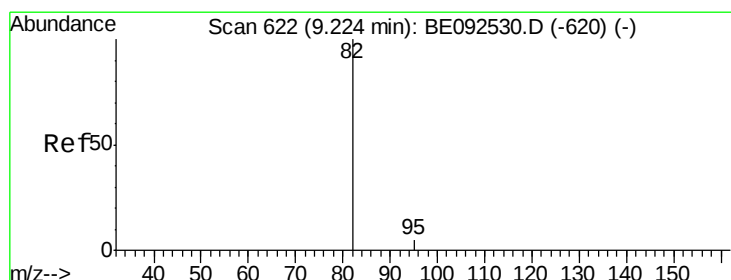
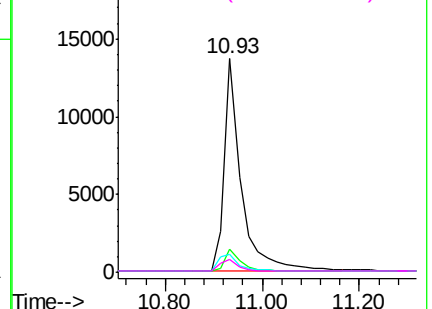
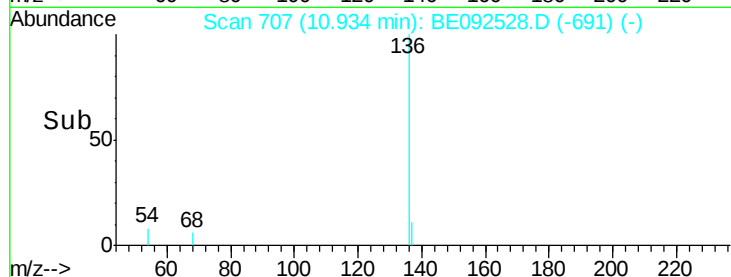


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.07 ng

RT: 9.39 min Scan# 629

Delta R.T. 0.02 min

Lab File: BE092528.D

Acq: 16 Nov 2016 10:24

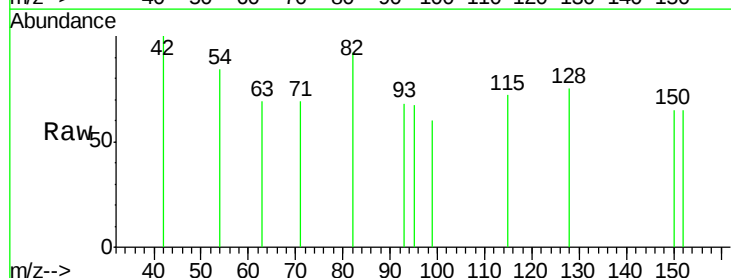
Tgt Ion: 82 Resp: 159

Ion Ratio Lower Upper

82 100

128 81.2 39.0 58.4#

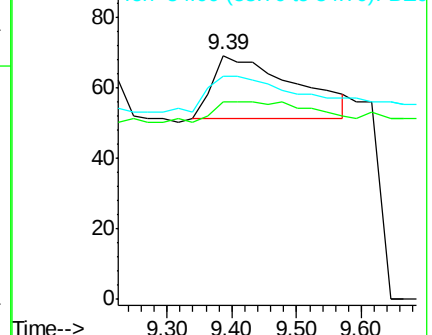
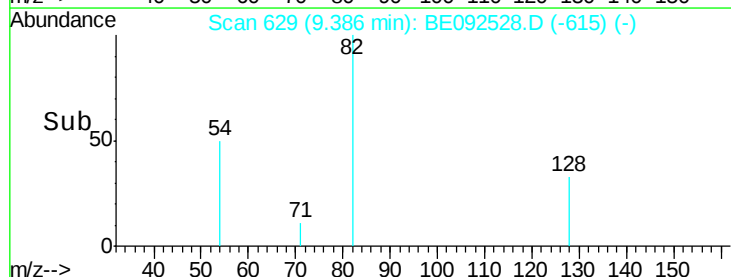
54 91.3 44.8 67.2#

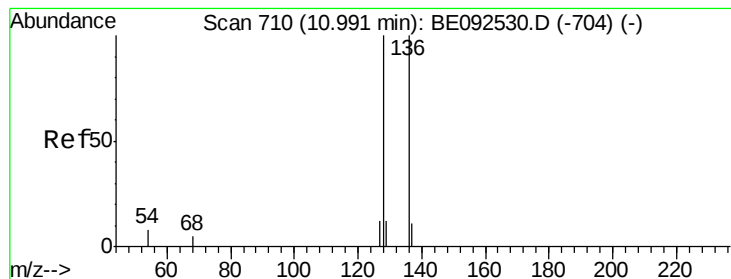


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.12 ng

RT: 10.99 min Scan# 710

Delta R.T. 0.00 min

Lab File: BE092528.D

Acq: 16 Nov 2016 10:24

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

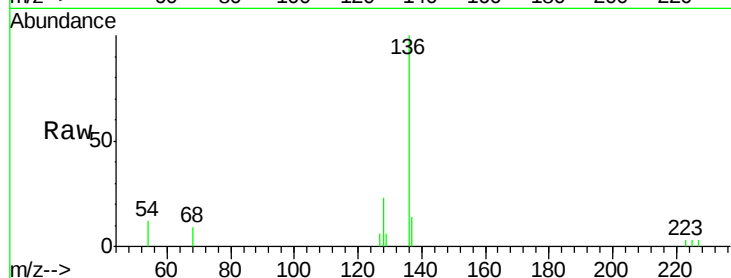
Tot Ion:128 Resp: 844

Ion Ratio Lower Upper

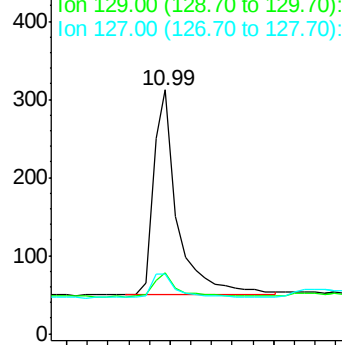
128 100

129 25.0 11.2 16.8#

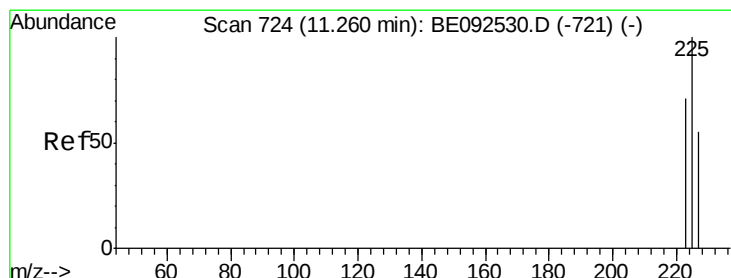
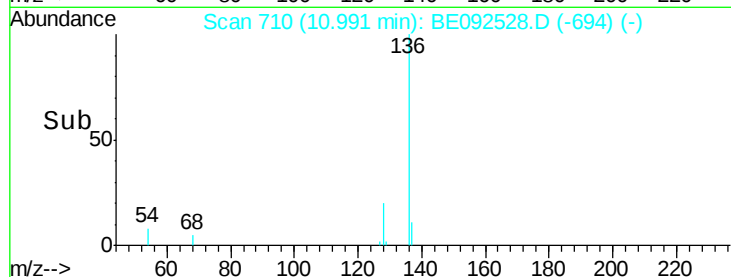
127 24.4 11.6 17.4#



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



Time--> 10.80 11.00 11.20



#10

Hexachlorobutadiene

Concen: 0.12 ng

RT: 11.26 min Scan# 724

Delta R.T. 0.00 min

Lab File: BE092528.D

Acq: 16 Nov 2016 10:24

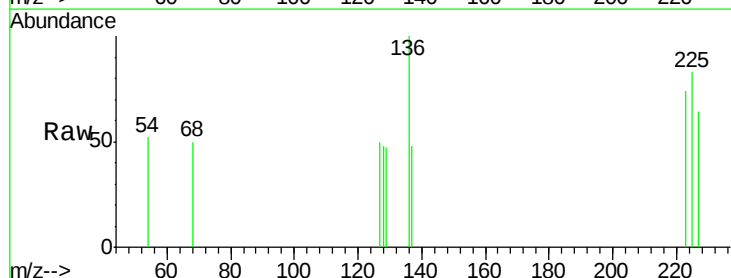
Tgt Ion:225 Resp: 134

Ion Ratio Lower Upper

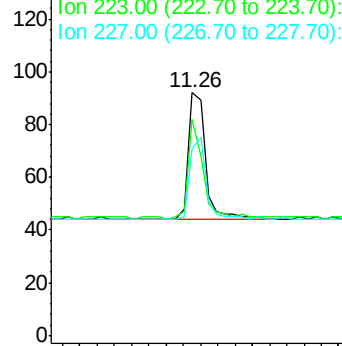
225 100

223 70.9 50.6 76.0

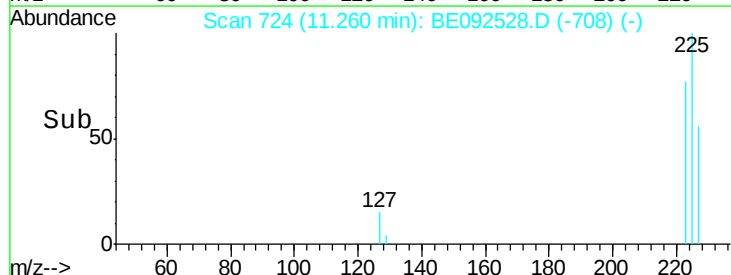
227 61.9 51.4 77.0



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



Time--> 11.00 11.20 11.40





#11

2-Methylnaphthalene

Concen: 0.10 ng

RT: 12.66 min Scan# 817

Delta R.T. 0.02 min

Lab File: BE092528.D

Acq: 16 Nov 2016 10:24

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SSTDIC0.1

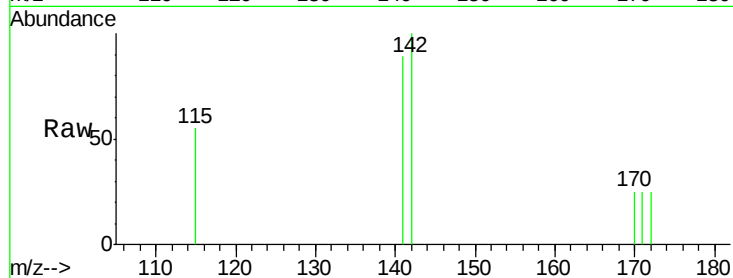
Tot Ion:142 Resp: 488

Ion Ratio Lower Upper

142 100

141 89.3 73.7 110.5

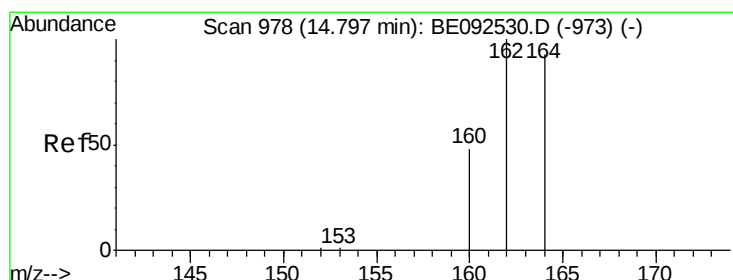
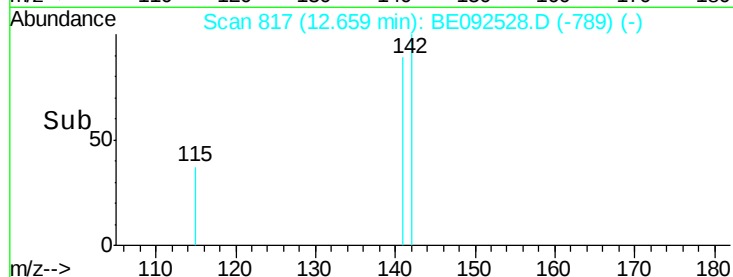
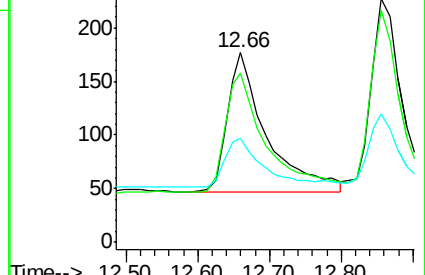
115 54.8 34.0 51.0#



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: 14.80 min Scan# 978

Delta R.T. 0.00 min

Lab File: BE092528.D

Acq: 16 Nov 2016 10:24

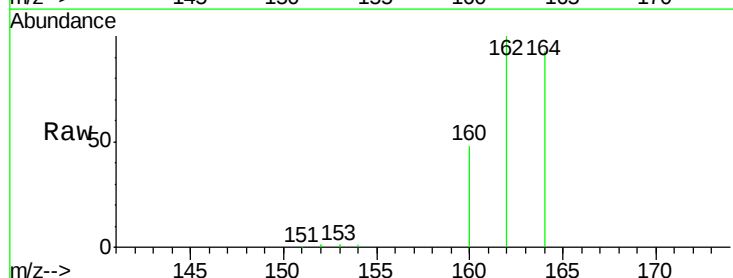
Tgt Ion:164 Resp: 23700

Ion Ratio Lower Upper

164 100

162 107.8 71.4 107.0#

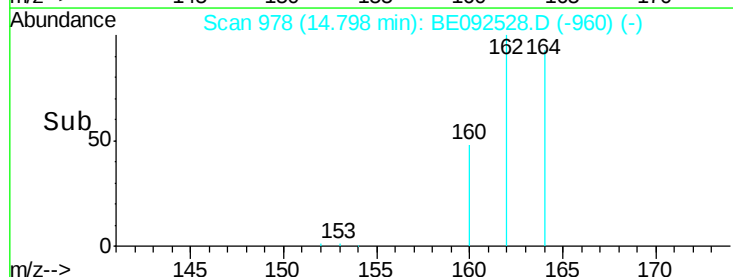
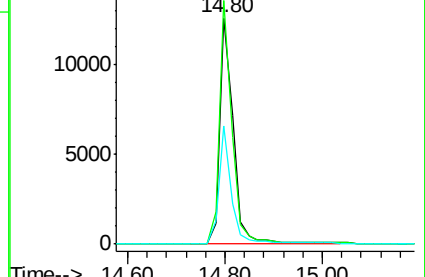
160 52.1 27.4 41.2#

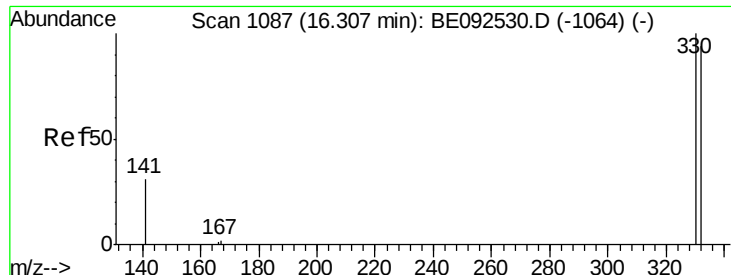


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

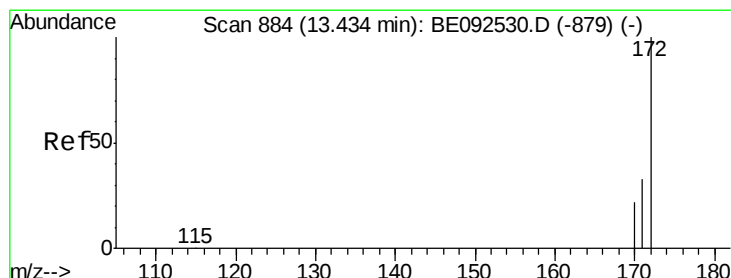
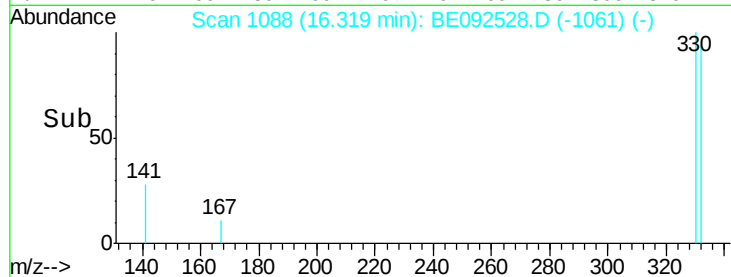
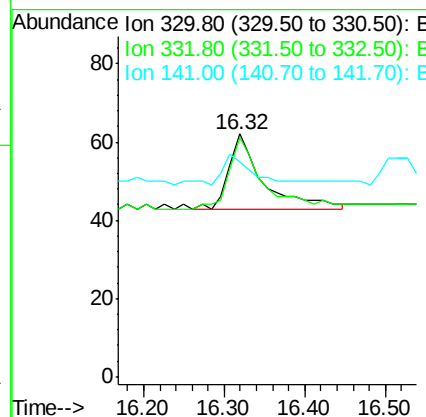
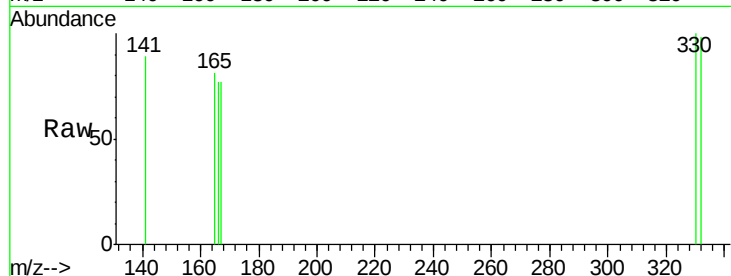




#13
 2,4,6-Tribromophenol
 Concen: 0.08 ng
 RT: 16.32 min Scan# 1088
 Delta R.T. 0.01 min
 Lab File: BE092528.D
 Acq: 16 Nov 2016 10:24

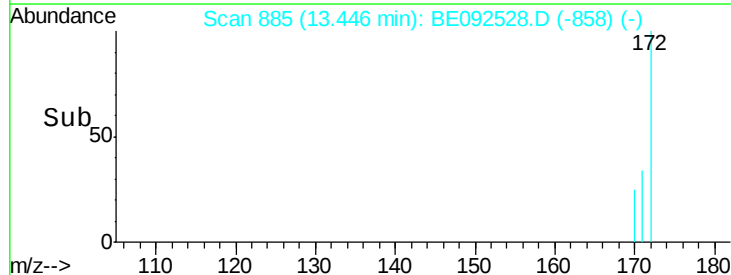
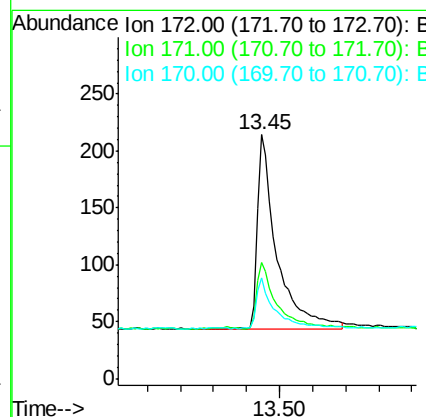
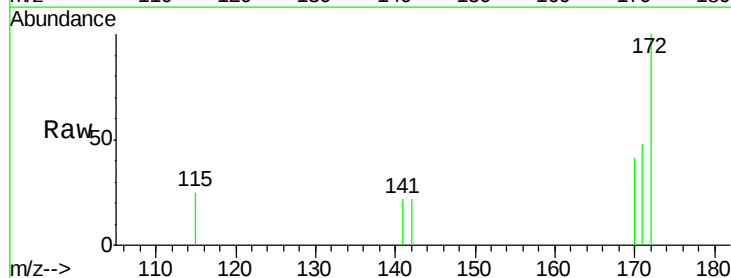
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.1

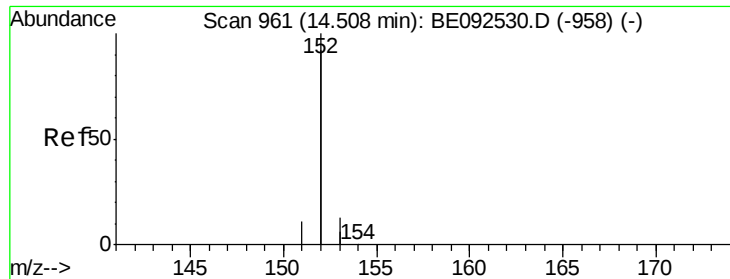
Tot Ion:330 Resp: 55
 Ion Ratio Lower Upper
 330 100
 332 94.5 75.4 113.0
 141 47.3 31.0 46.6#



#14
 2-Fluorobiphenyl
 Concen: 0.12 ng
 RT: 13.45 min Scan# 885
 Delta R.T. 0.01 min
 Lab File: BE092528.D
 Acq: 16 Nov 2016 10:24

Tgt Ion:172 Resp: 682
 Ion Ratio Lower Upper
 172 100
 171 47.7 30.1 45.1#
 170 41.1 21.8 32.6#





#15

Acenaphthylene

Concen: 0.11 ng

RT: 14.53 min Scan# 962

Delta R.T. 0.02 min

Lab File: BE092528.D

Acq: 16 Nov 2016 10:24

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

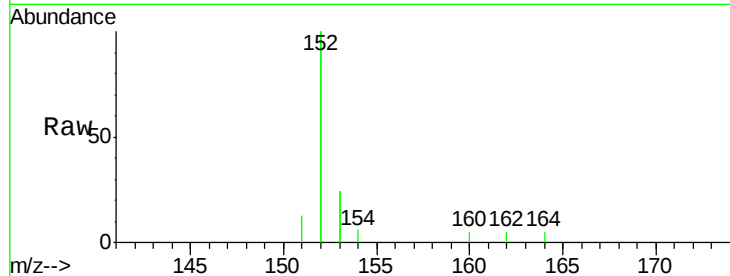
Tot Ion:152 Resp: 3906

Ion Ratio Lower Upper

152 100

151 4.8 3.9 5.9

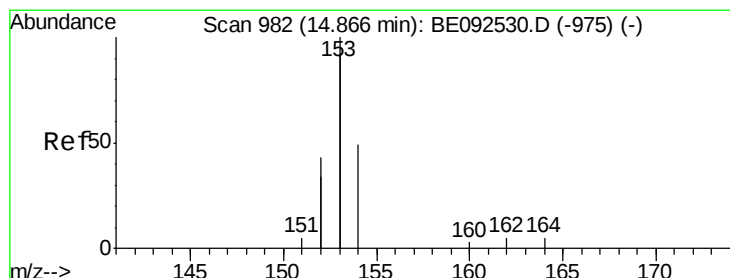
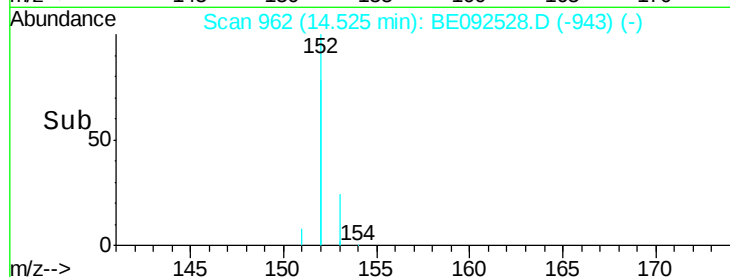
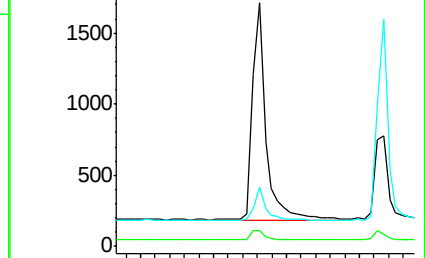
153 13.0 10.4 15.6



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: 0.13 ng

RT: 14.87 min Scan# 982

Delta R.T. 0.00 min

Lab File: BE092528.D

Acq: 16 Nov 2016 10:24

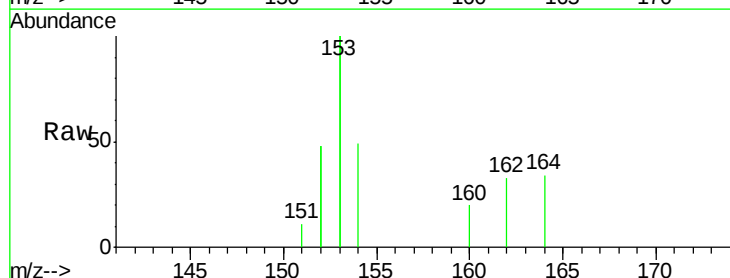
Tgt Ion:154 Resp: 715

Ion Ratio Lower Upper

154 100

153 405.3 350.8 526.2

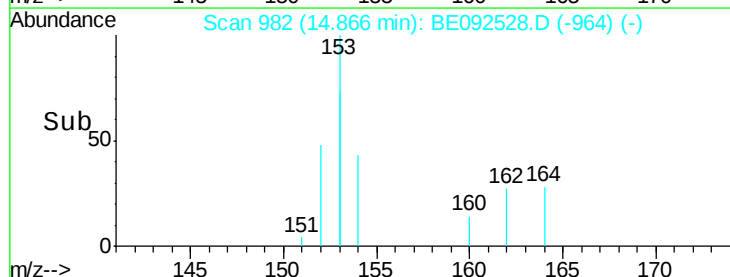
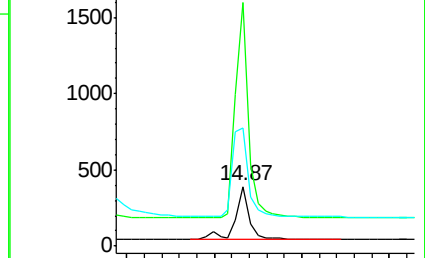
152 204.3 171.1 256.7

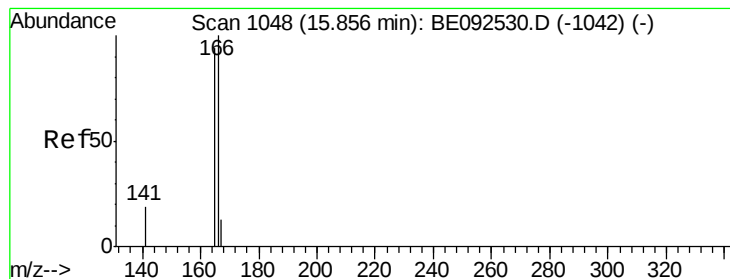


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#17

Fluorene

Concen: 0.11 ng

RT: 15.87 min Scan# 1049

Delta R.T. 0.01 min

Lab File: BE092528.D

Acq: 16 Nov 2016 10:24

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

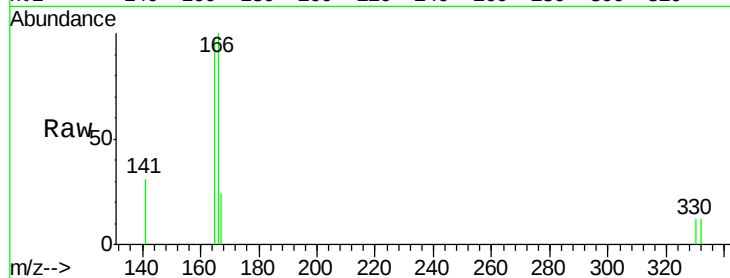
Tot Ion:166 Resp: 764

Ion Ratio Lower Upper

166 100

165 99.9 78.2 117.4

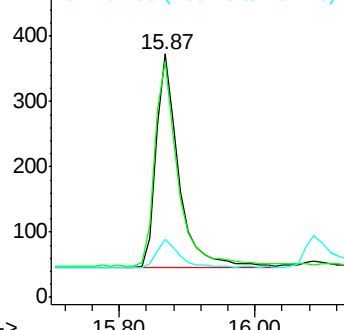
167 13.9 11.0 16.4



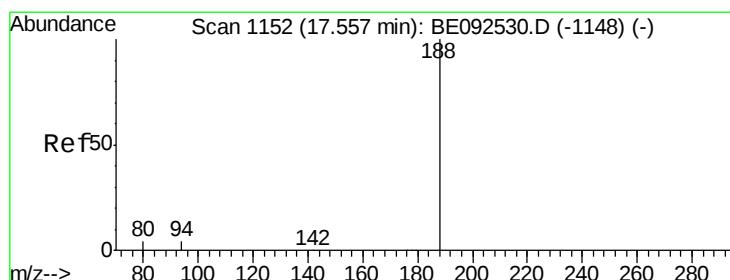
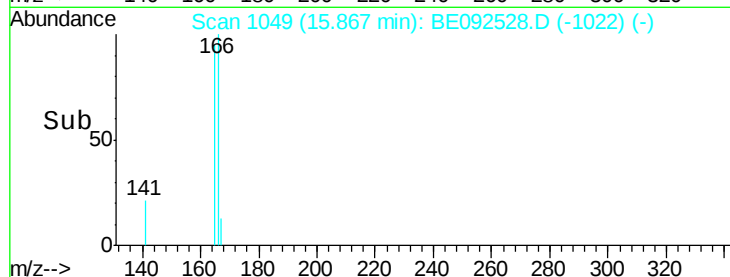
Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



Time-->



#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.56 min Scan# 1152

Delta R.T. -0.00 min

Lab File: BE092528.D

Acq: 16 Nov 2016 10:24

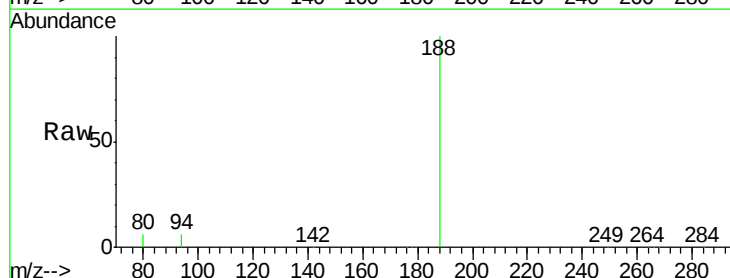
Tgt Ion:188 Resp: 56865

Ion Ratio Lower Upper

188 100

94 6.4 3.2 4.8#

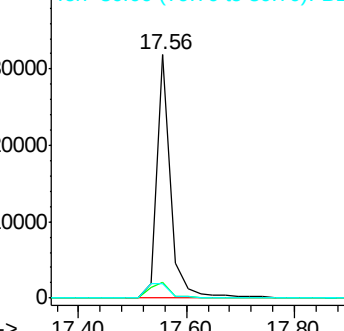
80 5.8 2.6 3.8#



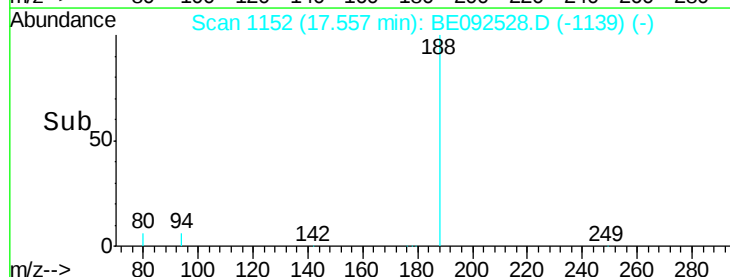
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



Time-->





#19

Hexachlorobenzene

Concen: 0.12 ng m

RT: 16.89 min Scan# 1123

Delta R.T. 0.02 min

Lab File: BE092528.D

Acq: 16 Nov 2016 10:24

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

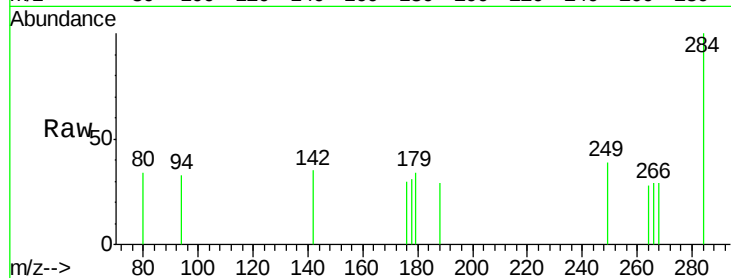
Tot Ion:284 Resp: 256

Ion Ratio Lower Upper

284 100

142 0.0 29.1 43.7#

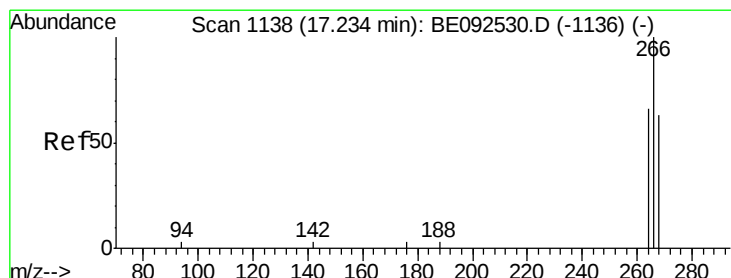
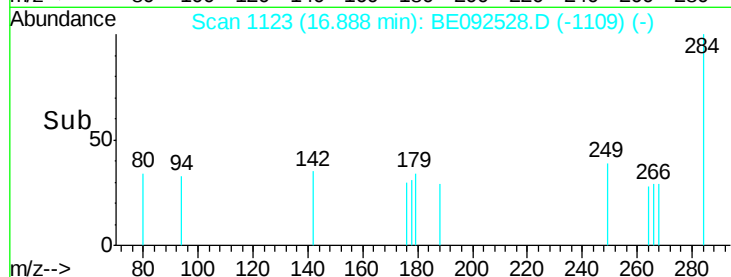
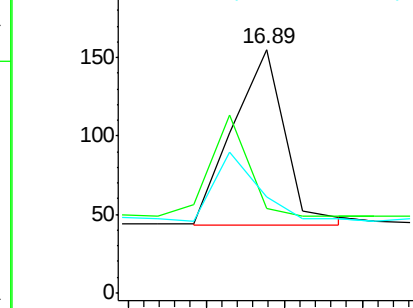
249 0.0 27.9 41.9#



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#20

Pentachlorophenol

Concen: 0.06 ng

RT: 17.26 min Scan# 1139

Delta R.T. 0.02 min

Lab File: BE092528.D

Acq: 16 Nov 2016 10:24

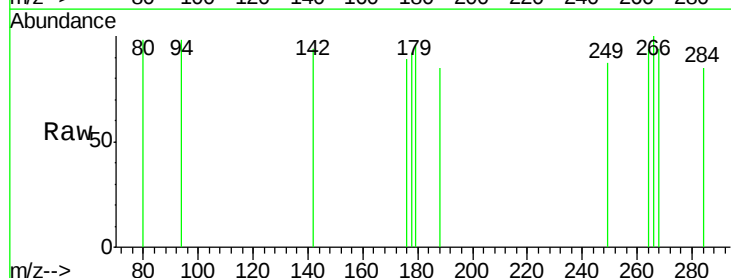
Tgt Ion:266 Resp: 36

Ion Ratio Lower Upper

266 100

268 94.3 62.5 93.7#

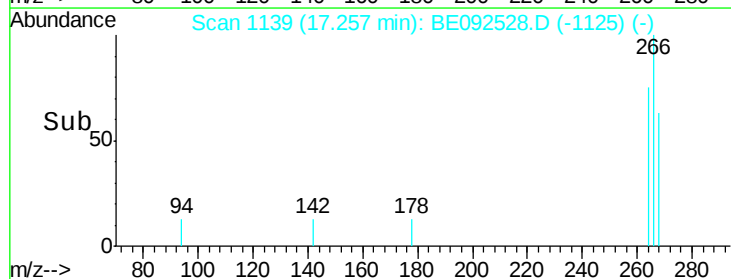
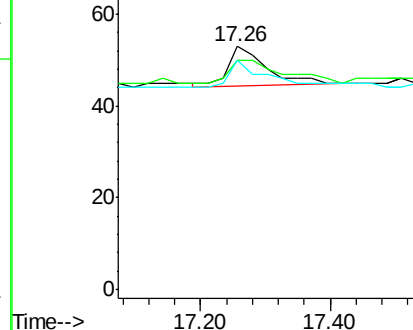
264 94.3 57.2 85.8#

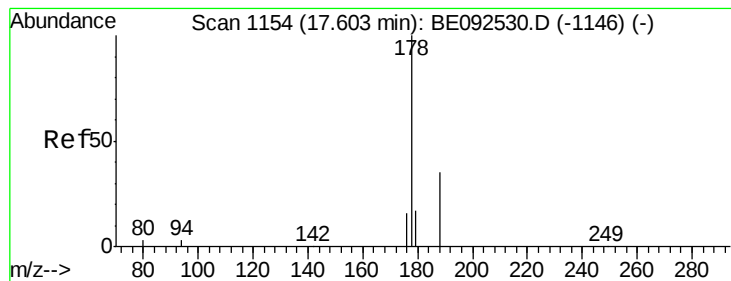


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#21

Phenanthrene

Concen: 0.12 ng

RT: 17.60 min Scan# 1154

Delta R.T. -0.00 min

Lab File: BE092528.D

Acq: 16 Nov 2016 10:24

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

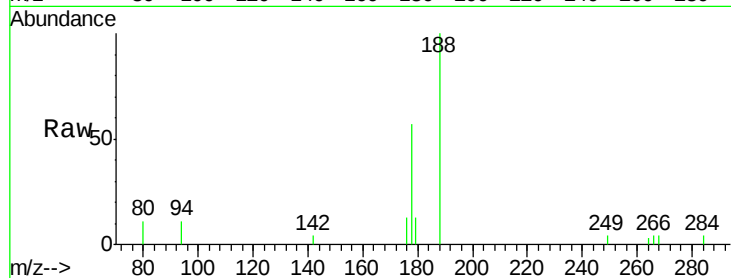
Tot Ion:178 Resp: 1512

Ion Ratio Lower Upper

178 100

176 20.1 15.8 23.8

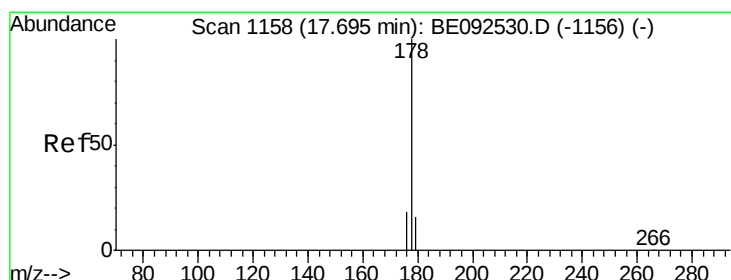
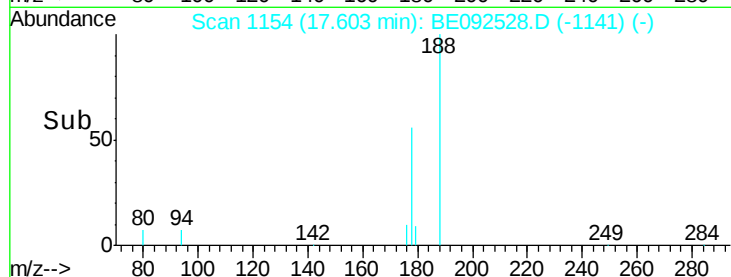
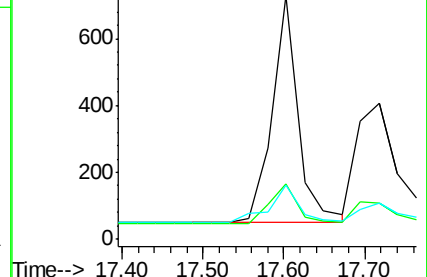
179 18.8 16.0 24.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#22

Anthracene

Concen: 0.11 ng

RT: 17.72 min Scan# 1159

Delta R.T. 0.02 min

Lab File: BE092528.D

Acq: 16 Nov 2016 10:24

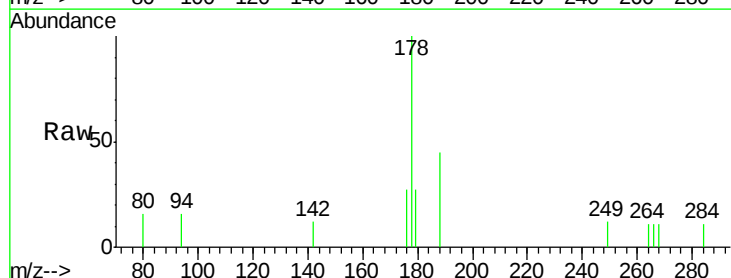
Tgt Ion:178 Resp: 1288

Ion Ratio Lower Upper

178 100

176 0.0 15.0 22.4#

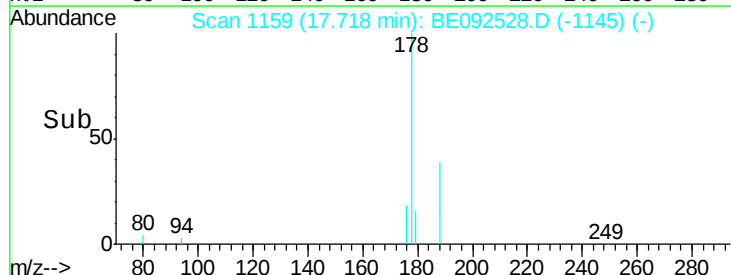
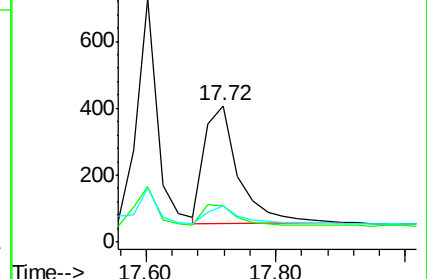
179 16.8 12.2 18.2

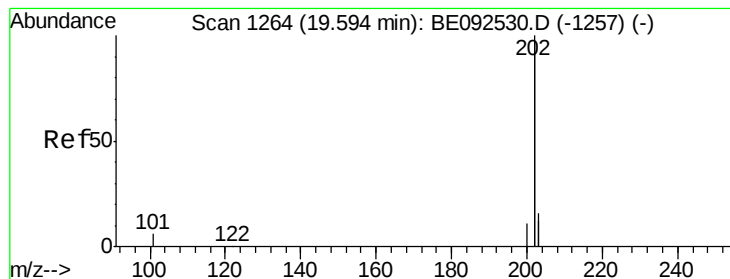


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#23

Fluoranthene

Concen: 0.11 ng

RT: 19.61 min Scan# 1265

Delta R.T. 0.02 min

Lab File: BE092528.D

Acq: 16 Nov 2016 10:24

Instrument :

BNA_E

ClientSampleId :

SSTDICC0.1

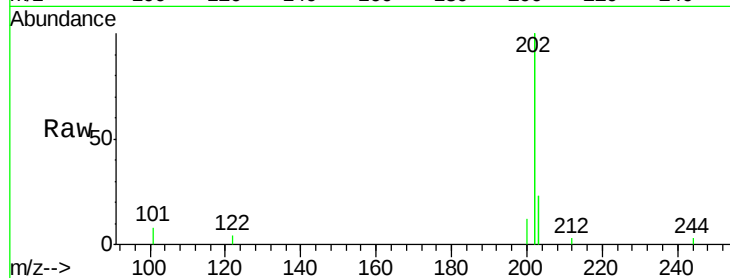
Tot Ion:202 Resp: 6611

Ion Ratio Lower Upper

202 100

101 2.8 2.2 3.4

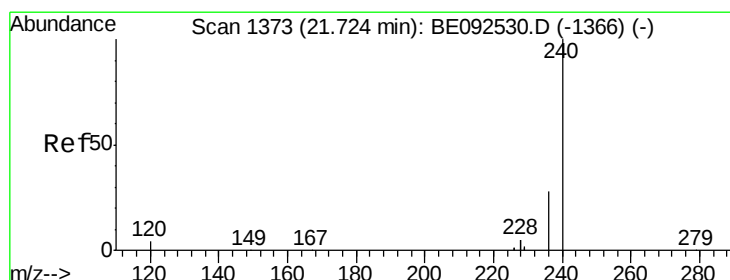
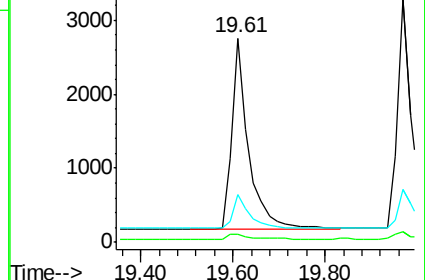
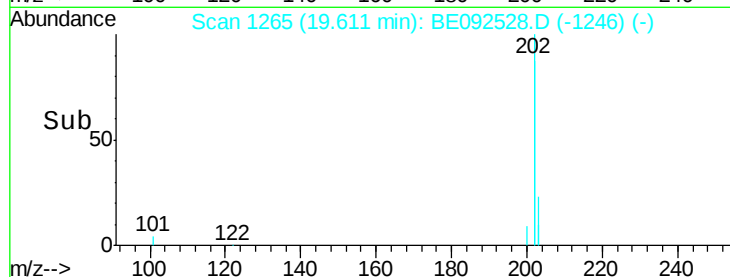
203 18.1 13.7 20.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#24

Chrysene-d12

Concen: 5.00 ng

RT: 21.72 min Scan# 1373

Delta R.T. -0.00 min

Lab File: BE092528.D

Acq: 16 Nov 2016 10:24

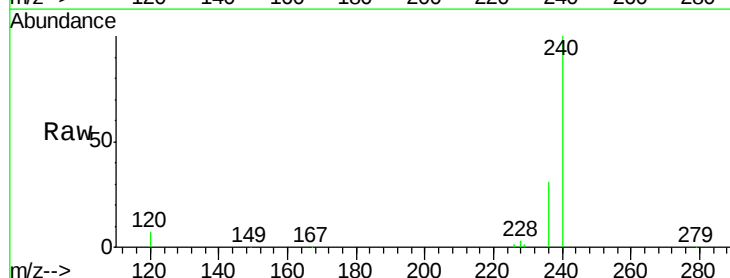
Tgt Ion:240 Resp: 70681

Ion Ratio Lower Upper

240 100

120 7.3 2.6 4.0#

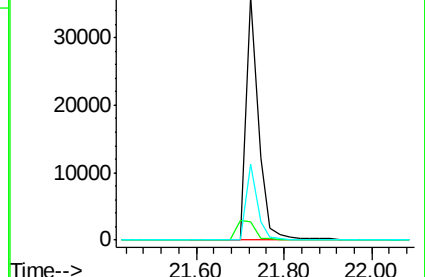
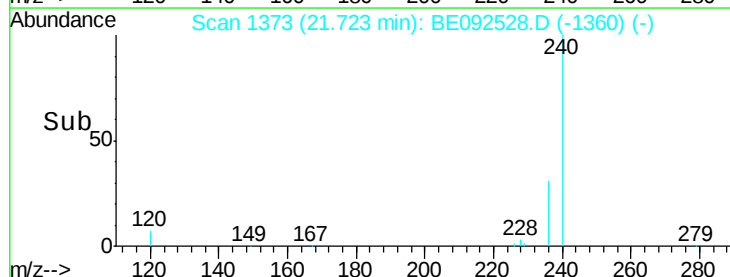
236 31.1 24.6 37.0



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

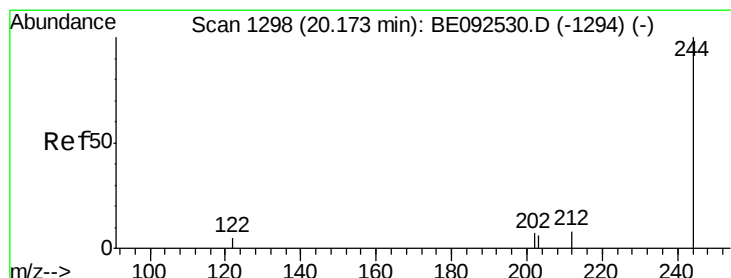
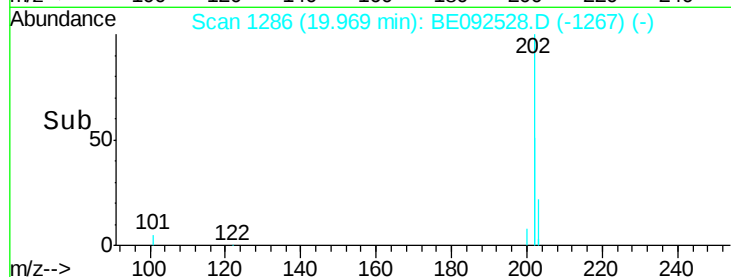
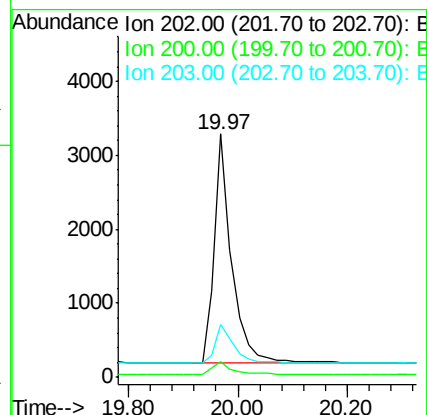
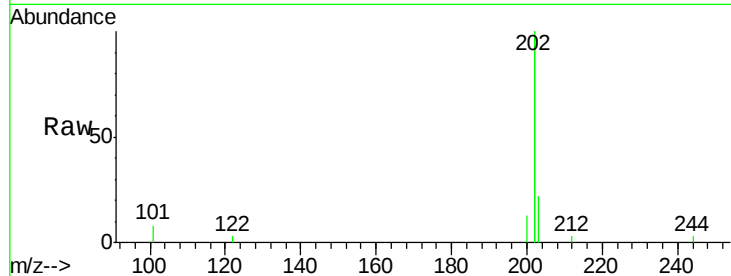




#25
Pvrene
Concen: 0.12 ng
RT: 19.97 min Scan# 1286
Delta R.T. 0.02 min
Lab File: BE092528.D
Acq: 16 Nov 2016 10:24

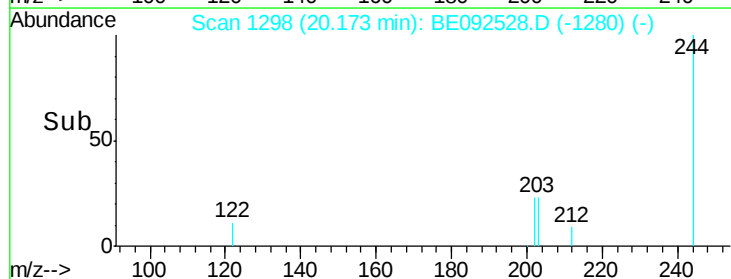
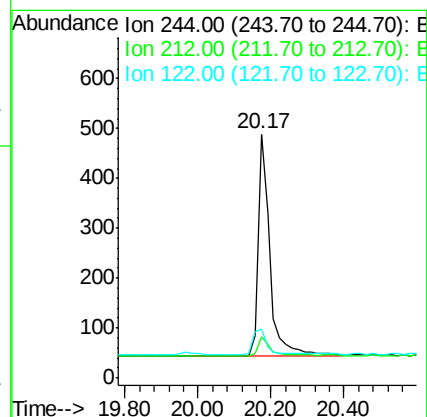
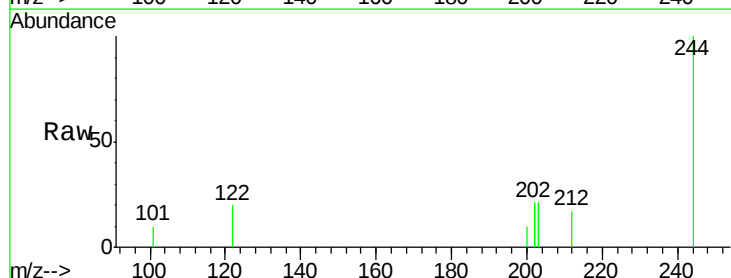
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.1

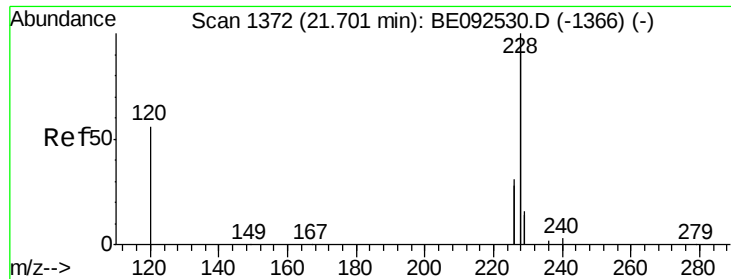
Tot Ion:202 Resp: 6958
Ion Ratio Lower Upper
202 100
200 5.4 4.2 6.4
203 17.3 13.9 20.9



#26
Terphenyl-d14
Concen: 0.12 ng
RT: 20.17 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BE092528.D
Acq: 16 Nov 2016 10:24

Tgt Ion:244 Resp: 992
Ion Ratio Lower Upper
244 100
212 17.0 6.7 10.1#
122 19.9 3.6 5.4#

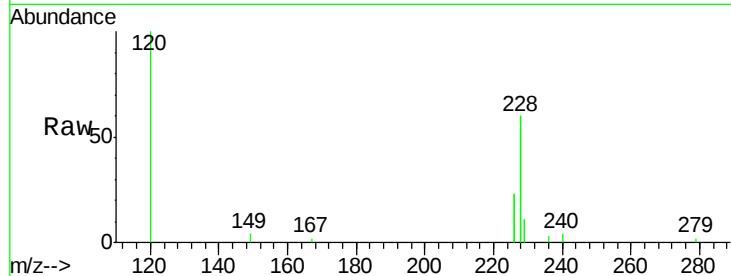




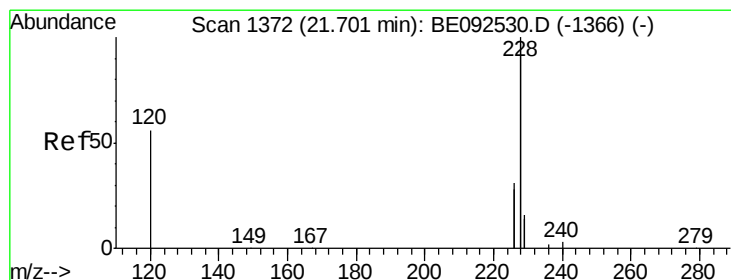
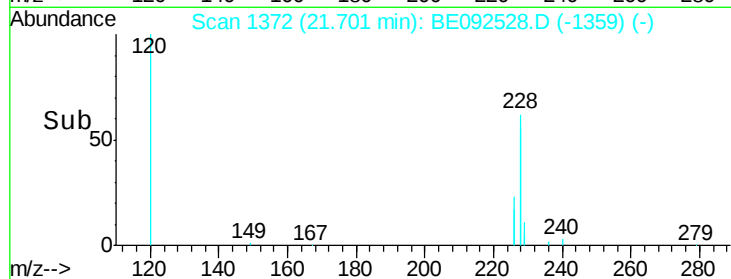
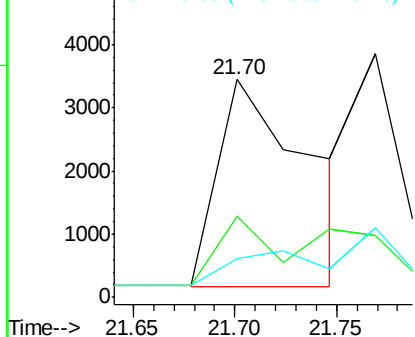
#27
Benzo(a)anthracene
Concen: 0.14 ng m
RT: 21.70 min Scan# 1372
Delta R.T. -0.00 min
Lab File: BE092528.D
Acq: 16 Nov 2016 10:24

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tot Ion:228 Resp: 10103
Ion Ratio Lower Upper
228 100
226 37.5 23.6 35.4#
229 17.7 13.3 19.9

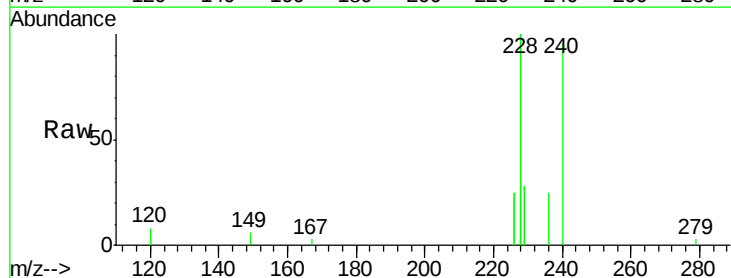


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

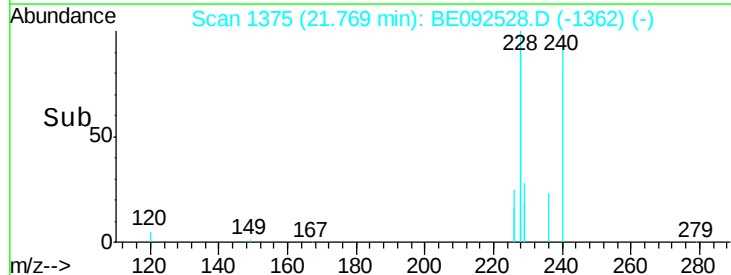
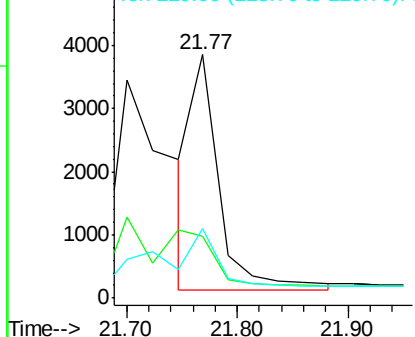


#28
Chrysene
Concen: 0.09 ng m
RT: 21.77 min Scan# 1375
Delta R.T. -0.00 min
Lab File: BE092528.D
Acq: 16 Nov 2016 10:24

Tgt Ion:228 Resp: 6562
Ion Ratio Lower Upper
228 100
226 25.4 36.3 54.5#
229 28.5 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: 0.09 ng

RT: 21.63 min Scan# 1369

Delta R.T. -0.00 min

Lab File: BE092528.D

Acq: 16 Nov 2016 10:24

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

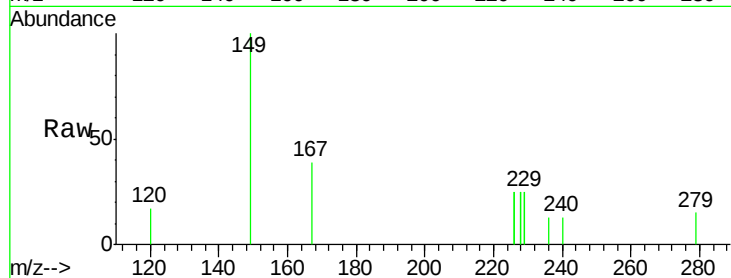
Tot Ion:149 Resp: 662

Ion Ratio Lower Upper

149 100

167 23.9 16.0 24.0

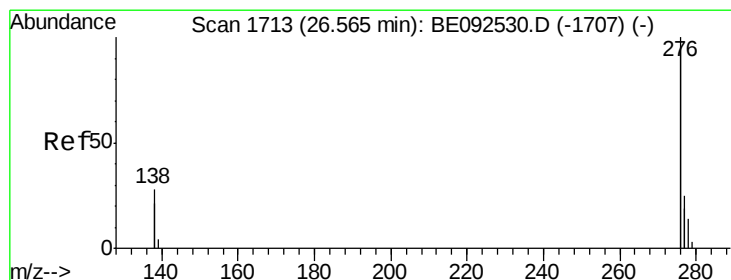
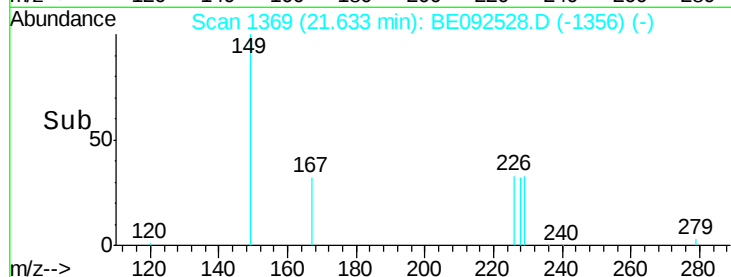
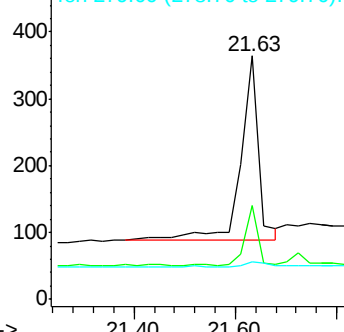
279 3.5 16.0 24.0#



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: 0.12 ng

RT: 26.58 min Scan# 1714

Delta R.T. 0.02 min

Lab File: BE092528.D

Acq: 16 Nov 2016 10:24

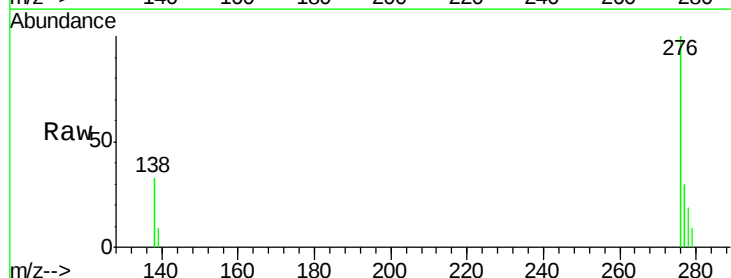
Tgt Ion:276 Resp: 9082

Ion Ratio Lower Upper

276 100

138 25.2 20.3 30.5

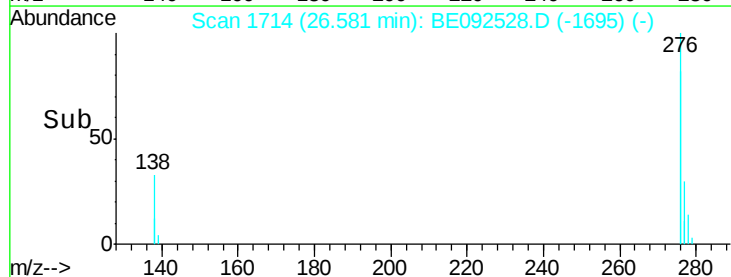
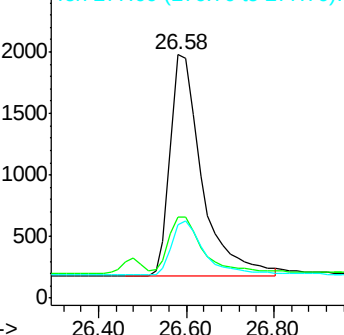
277 24.9 19.7 29.5

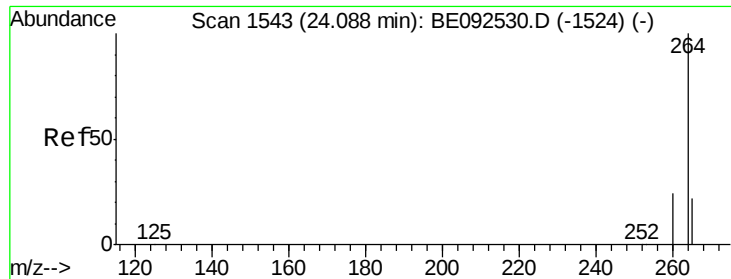


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



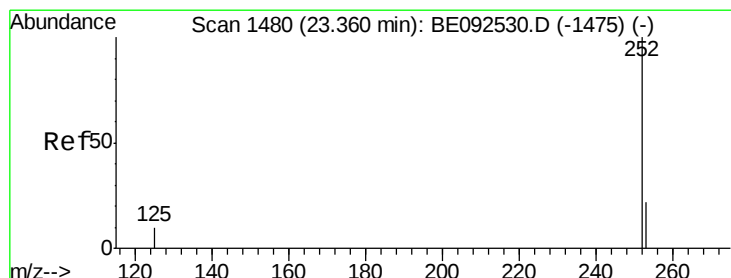
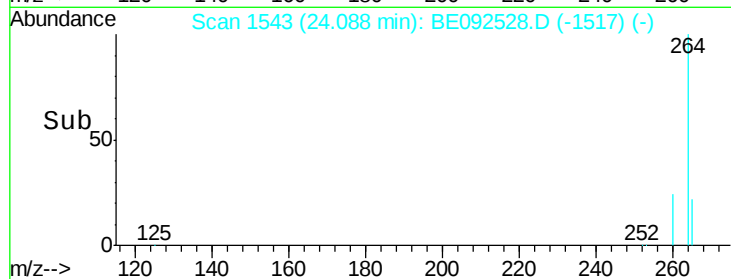
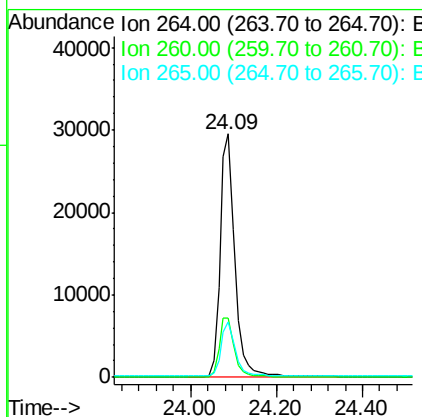
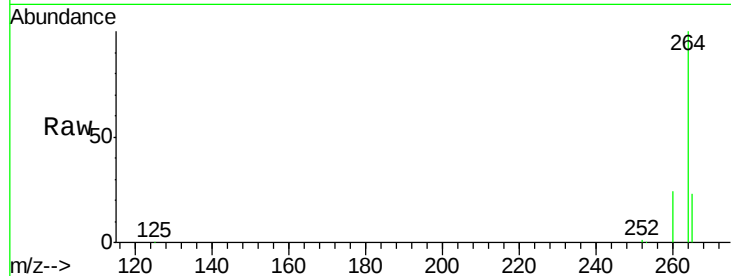


#31
Pervlene-d12
Concen: 5.00 ng
RT: 24.09 min Scan# 1543
Delta R.T. 0.00 min
Lab File: BE092528.D
Acq: 16 Nov 2016 10:24

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.1

Tot Ion:264 Resp: 70938

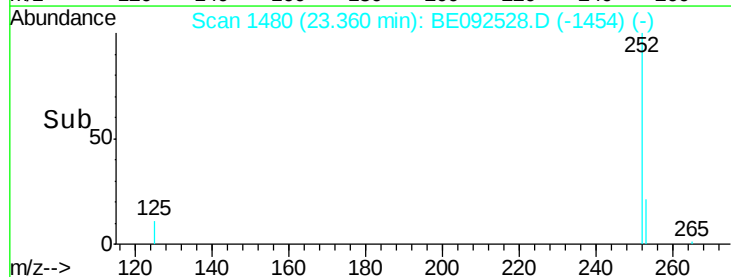
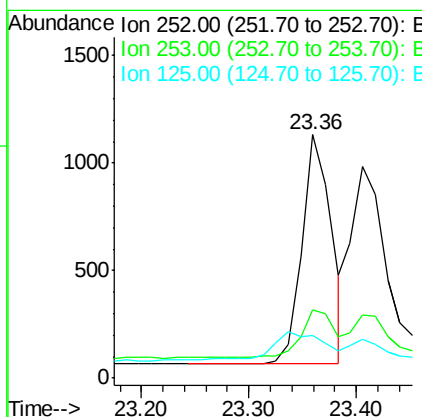
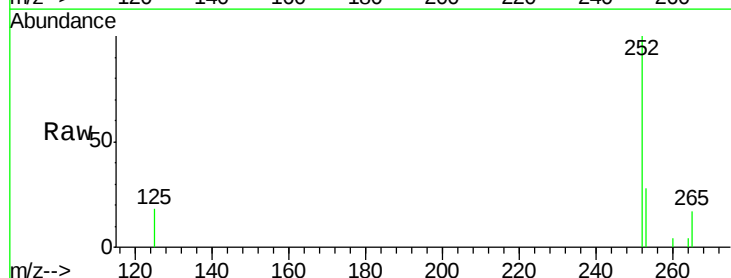
Ion	Ratio	Lower	Upper
264	100		
260	24.2	20.1	30.1
265	22.6	17.9	26.9



#32
Benzo(b)fluoranthene
Concen: 0.08 ng
RT: 23.36 min Scan# 1480
Delta R.T. 0.00 min
Lab File: BE092528.D
Acq: 16 Nov 2016 10:24

Tgt Ion:252 Resp: 2030

Ion	Ratio	Lower	Upper
252	100		
253	28.2	18.7	28.1#
125	17.7	10.5	15.7#





#33

Benzo(k)fluoranthene

Concen: 0.08 ng

RT: 23.41 min Scan# 1484

Delta R.T. 0.00 min

Lab File: BE092528.D

Acq: 16 Nov 2016 10:24

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

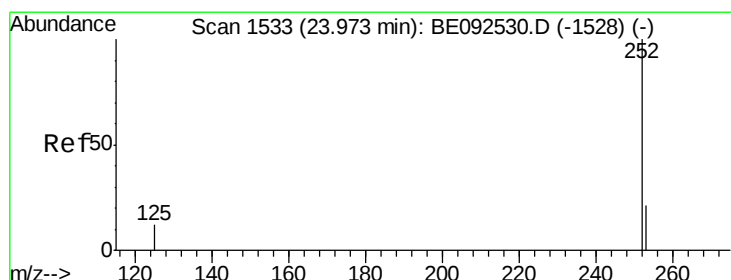
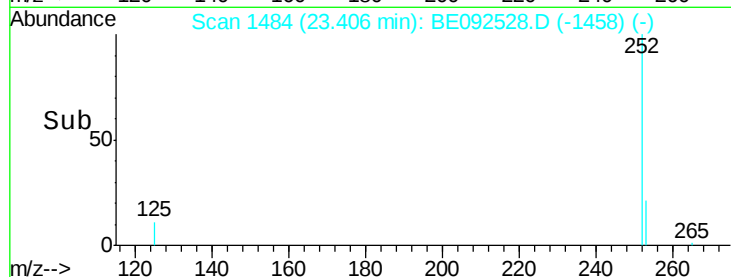
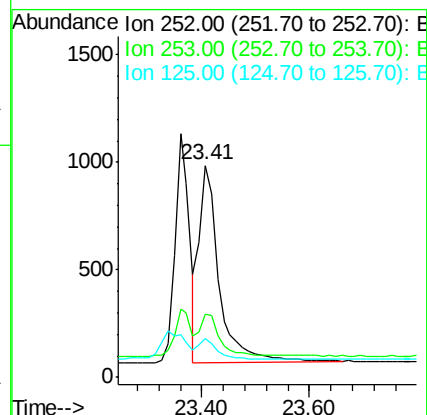
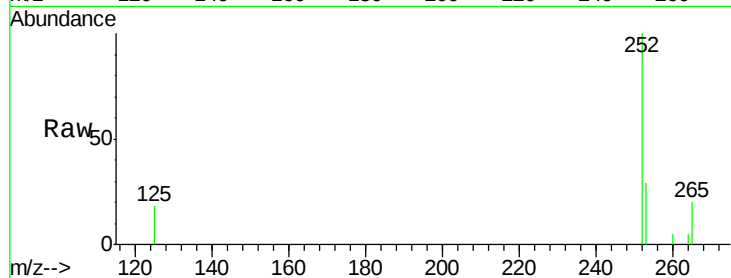
Tot Ion:252 Resp: 2316

Ion Ratio Lower Upper

252 100

253 29.5 20.3 30.5

125 18.1 9.6 14.4#



#34

Benzo(a)pyrene

Concen: 0.10 ng

RT: 23.97 min Scan# 1533

Delta R.T. 0.00 min

Lab File: BE092528.D

Acq: 16 Nov 2016 10:24

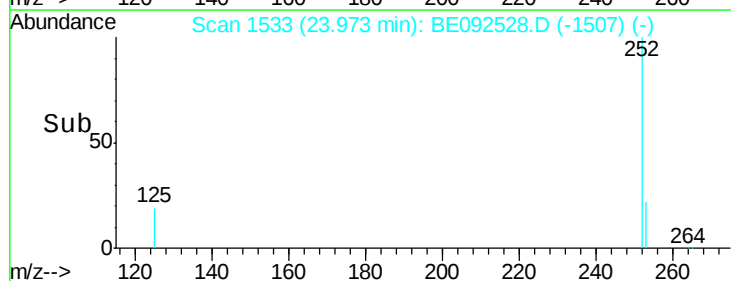
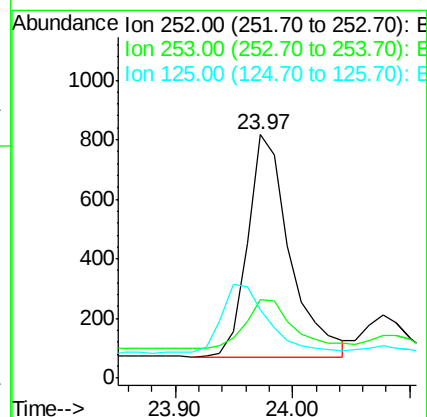
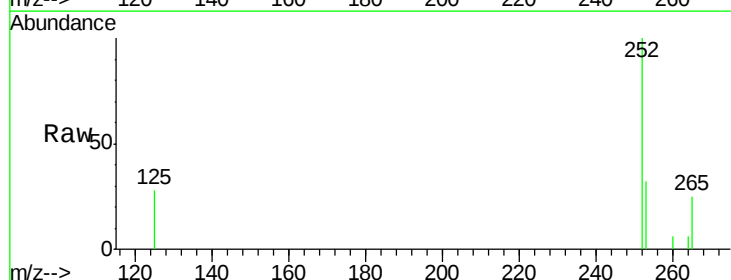
Tgt Ion:252 Resp: 1875

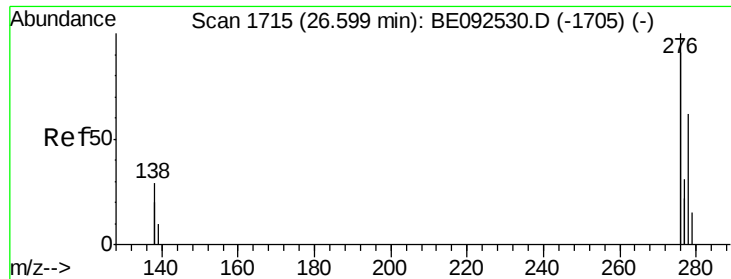
Ion Ratio Lower Upper

252 100

253 32.4 19.0 28.6#

125 27.9 11.8 17.8#





#35

Dibenzo(a,h)anthracene

Concen: 0.11 ng

RT: 26.62 min Scan# 1716

Delta R.T. 0.02 min

Lab File: BE092528.D

Acq: 16 Nov 2016 10:24

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

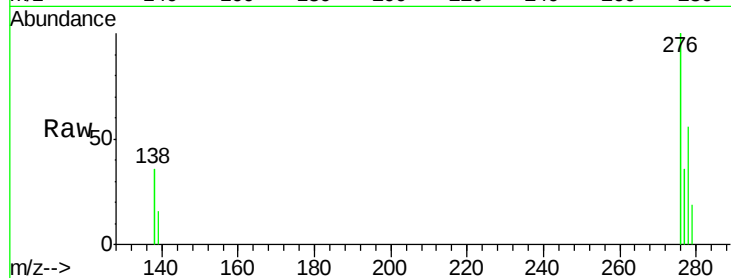
Tot Ion:278 Resp: 1832

Ion Ratio Lower Upper

278 100

139 27.8 13.8 20.8#

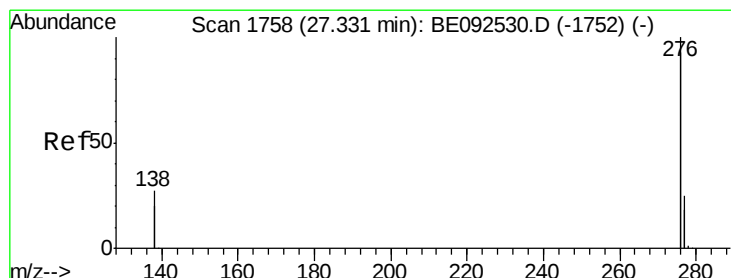
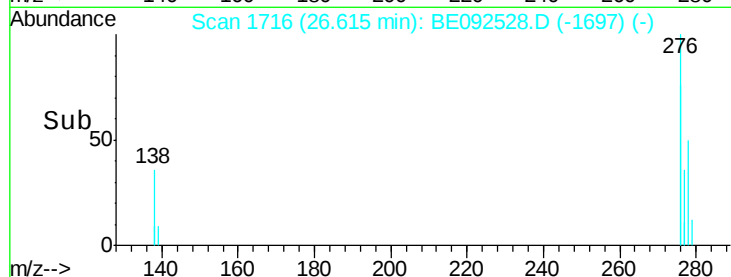
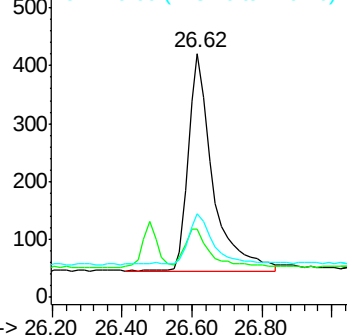
279 34.2 21.4 32.2#



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: 0.11 ng

RT: 27.35 min Scan# 1759

Delta R.T. 0.02 min

Lab File: BE092528.D

Acq: 16 Nov 2016 10:24

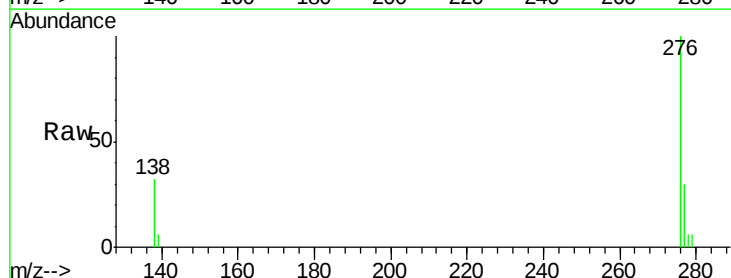
Tgt Ion:276 Resp: 7943

Ion Ratio Lower Upper

276 100

277 30.4 19.8 29.8#

138 32.3 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

