

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE090116\
 Data File : BE092323.D
 Acq On : 1 Sep 2016 10:58
 Operator : UM/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Sep 02 03:16:29 2016
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE090116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 02 03:16:21 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.19	152	7342	5.00	ng	0.00
7) Naphthalene-d8	10.97	136	32249	5.00	ng	0.02
12) Acenaphthene-d10	14.83	164	22276	5.00	ng	0.00
18) Phenanthrene-d10	17.58	188	59335	5.00	ng	0.00
24) Chrysene-d12	21.75	240	64950	5.00	ng	0.00
31) Perylene-d12	24.13	264	75540	5.00	ng	0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.68	112	822	0.48	ng	0.00
5) Phenol-d6	7.36	99	1057	0.47	ng	0.00
8) Nitrobenzene-d5	9.36	82	3704	1.73	ng	0.00
13) 2,4,6-Tribromophenol	16.32	330	438	0.69	ng	0.00
14) 2-Fluorobiphenyl	13.45	172	2663	0.38	ng	0.00
26) Terphenyl-d14	20.19	244	4831	0.55	ng	0.00

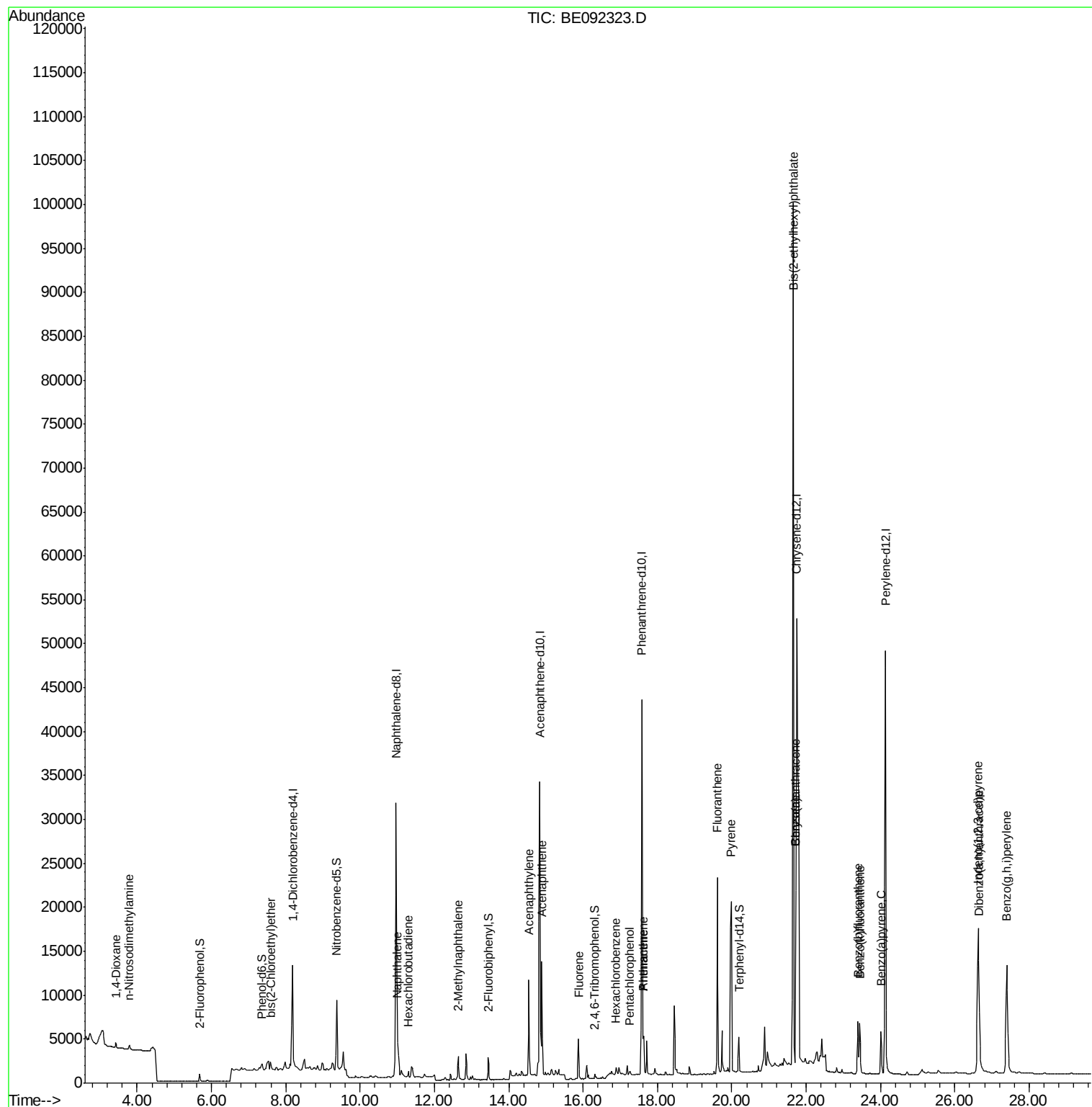
Target Compounds						Qvalue
2) 1,4-Dioxane	3.42	88	388	0.38	ng	# 68
3) n-Nitrosodimethylamine	3.78	42	808	0.74	ng	# 67
6) bis(2-Chloroethyl)ether	7.59	93	908	0.52	ng	# 93
9) Naphthalene	11.01	128	3228	0.45	ng	97
10) Hexachlorobutadiene	11.30	225	539	0.50	ng	93
11) 2-Methylnaphthalene	12.64	142	2274	0.51	ng	97
15) Acenaphthylene	14.54	152	15406	0.40	ng	98
16) Acenaphthene	14.88	154	2744	0.44	ng	95
17) Fluorene	15.88	166	3456	0.46	ng	99
19) Hexachlorobenzene	16.89	284	872	0.36	ng	92
20) Pentachlorophenol	17.26	266	529	0.86	ng	91
21) Phenanthrene	17.63	178	5882	0.42	ng	# 99
22) Anthracene	17.63	178	5814	0.45	ng	99
23) Fluoranthene	19.61	202	29335	0.46	ng	# 98
25) Pyrene	19.99	202	31068	0.52	ng	100
27) Benzo(a)anthracene	21.72	228	34473	0.50	ng	# 82
28) Chrysene	21.72	228	34443	0.57	ng	97
29) Bis(2-ethylhexyl)phthalate	21.66	149	110314	23.70	ng	# 100
30) Indeno(1,2,3-cd)pyrene	26.63	276	35394	0.56	ng	99
32) Benzo(b)fluoranthene	23.39	252	8506	0.48	ng	# 91
33) Benzo(k)fluoranthene	23.44	252	8216	0.40	ng	# 95
34) Benzo(a)pyrene	24.02	252	7920	0.44	ng	# 91
35) Dibenzo(a,h)anthracene	26.65	278	7320	0.46	ng	97
36) Benzo(g,h,i)perylene	27.40	276	30641	0.43	ng	99

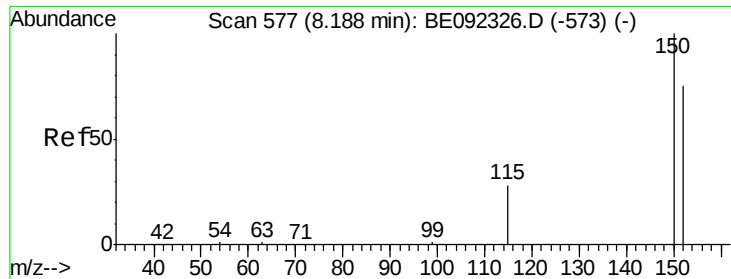
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Sep 02 03:16:21 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.19 min Scan# 577

Delta R.T. -0.00 min

Lab File: BE092323.D

Acq: 1 Sep 2016 10:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

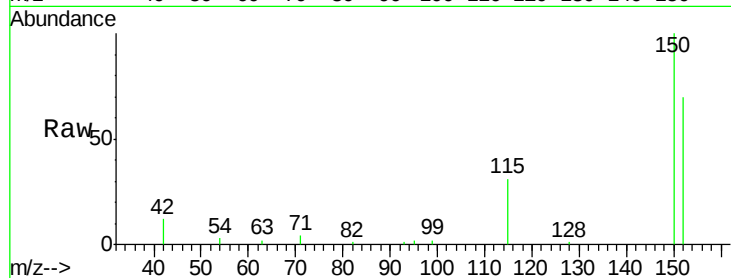
Tgt Ion:152 Resp: 7342

Ion Ratio Lower Upper

152 100

150 142.7 106.0 159.0

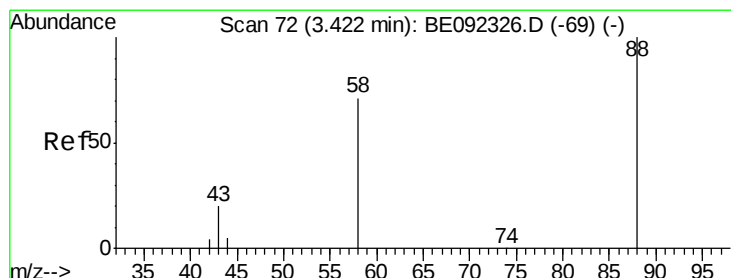
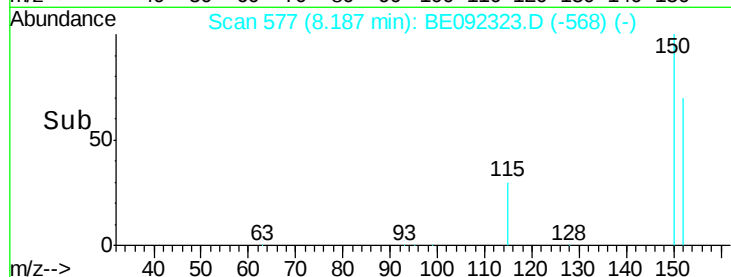
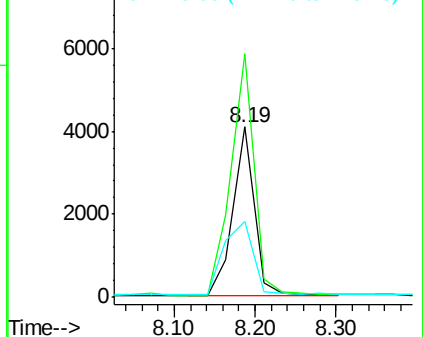
115 44.2 31.2 46.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.38 ng

RT: 3.42 min Scan# 72

Delta R.T. -0.00 min

Lab File: BE092323.D

Acq: 1 Sep 2016 10:58

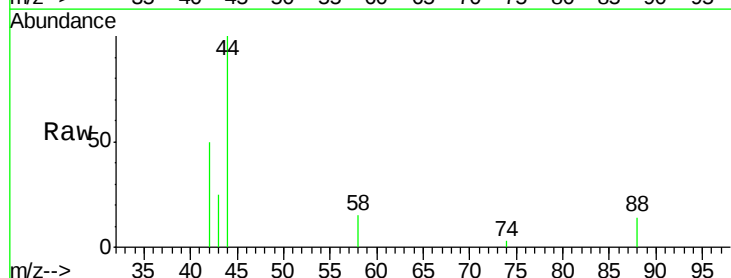
Tgt Ion: 88 Resp: 388

Ion Ratio Lower Upper

88 100

58 96.4 63.6 95.4#

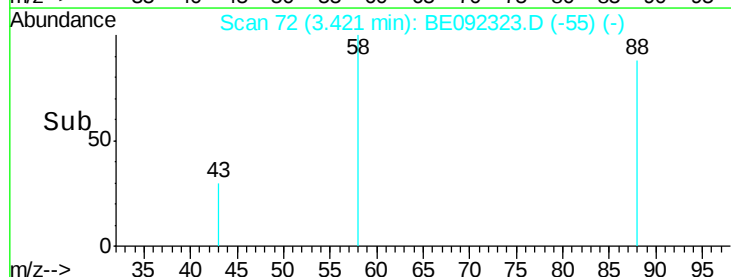
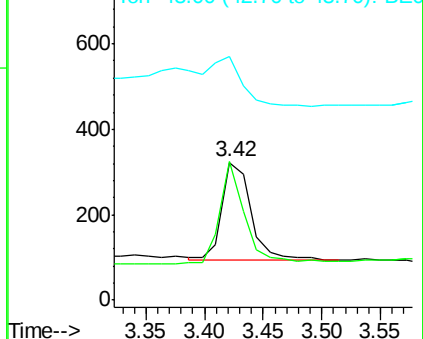
43 0.0 28.0 42.0#

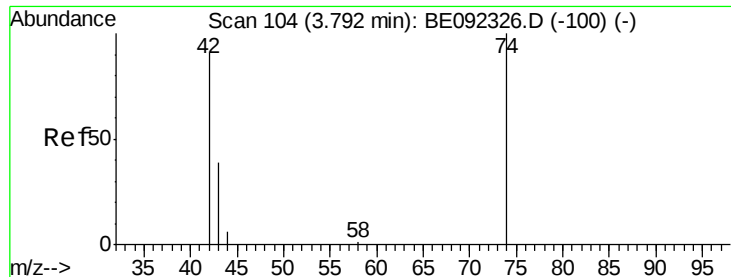


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.74 ng

RT: 3.78 min Scan# 103

Delta R.T. -0.01 min

Lab File: BE092323.D

Acq: 1 Sep 2016 10:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

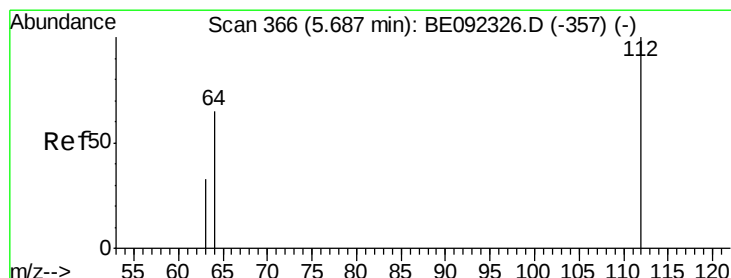
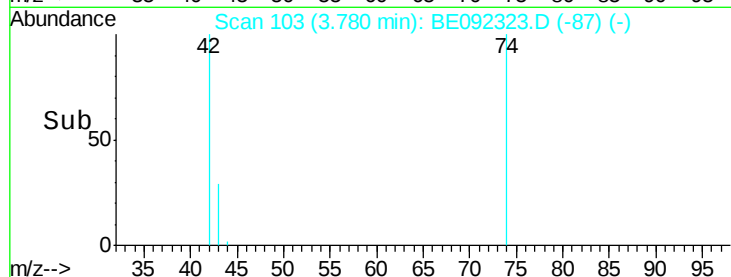
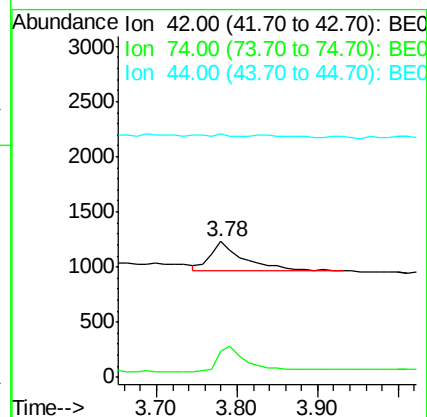
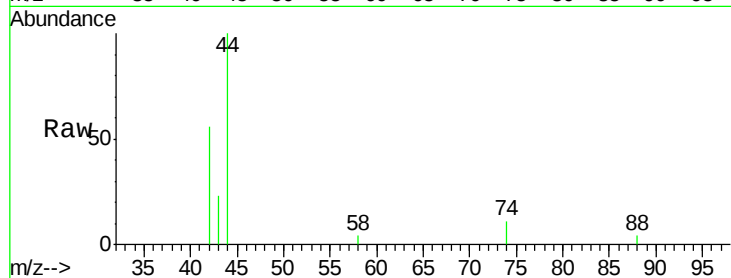
Tgt Ion: 42 Resp: 808

Ion Ratio Lower Upper

42 100

74 72.3 86.0 129.0#

44 0.0 5.1 7.7#



#4

2-Fluorophenol

Concen: 0.48 ng

RT: 5.68 min Scan# 365

Delta R.T. -0.01 min

Lab File: BE092323.D

Acq: 1 Sep 2016 10:58

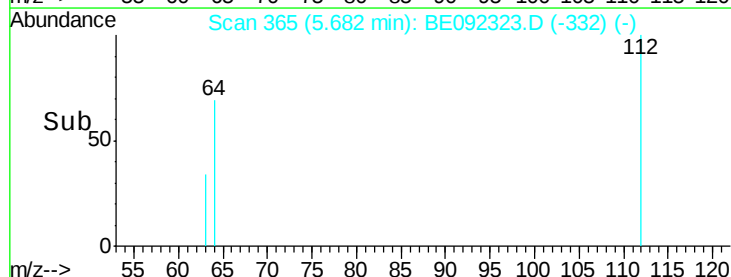
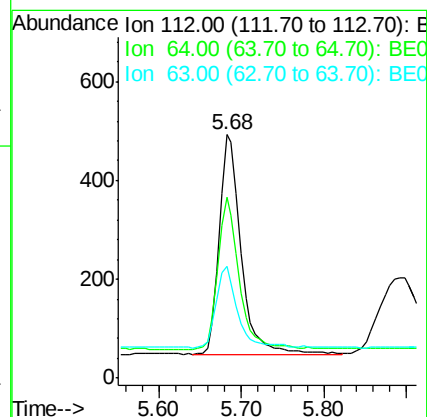
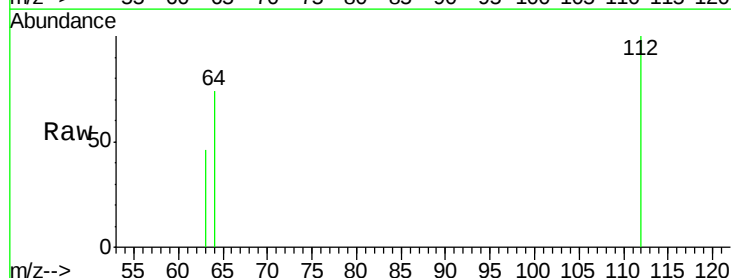
Tgt Ion: 112 Resp: 822

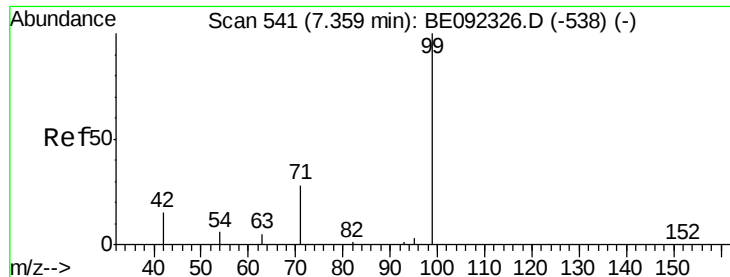
Ion Ratio Lower Upper

112 100

64 68.1 53.5 80.3

63 36.3 27.9 41.9





#5

Phenol-d6

Concen: 0.47 ng

RT: 7.36 min Scan# 541

Delta R.T. -0.00 min

Lab File: BE092323.D

Acq: 1 Sep 2016 10:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

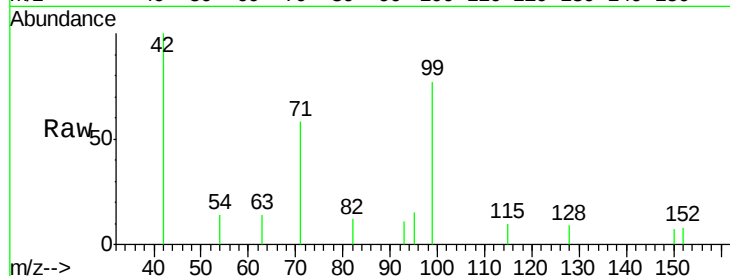
Tgt Ion: 99 Resp: 1057

Ion Ratio Lower Upper

99 100

42 0.0 0.0 0.0

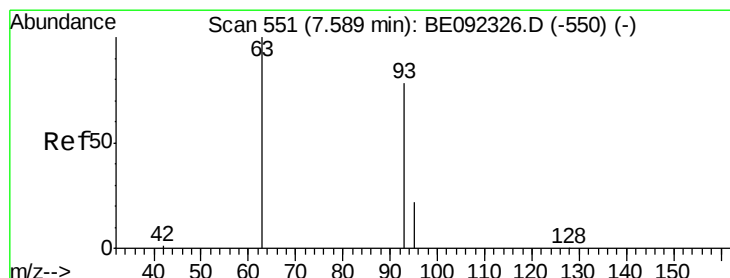
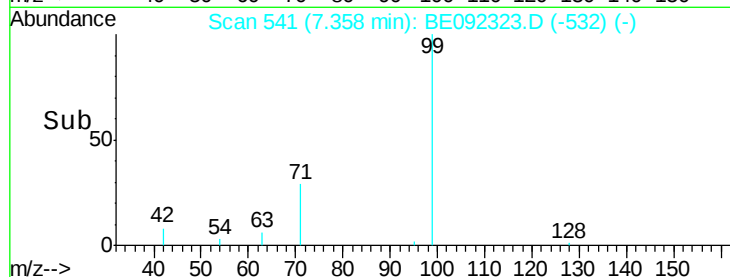
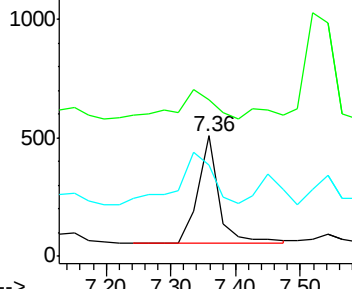
71 0.0 30.6 45.8#



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: 0.52 ng

RT: 7.59 min Scan# 551

Delta R.T. -0.00 min

Lab File: BE092323.D

Acq: 1 Sep 2016 10:58

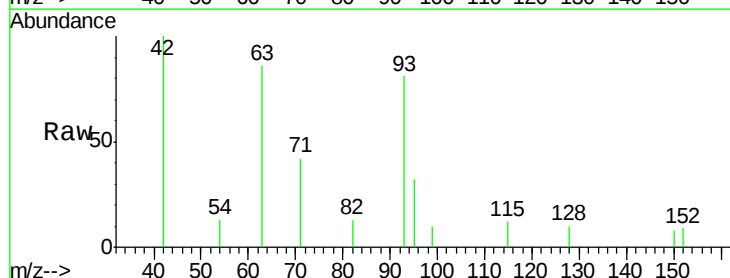
Tgt Ion: 93 Resp: 908

Ion Ratio Lower Upper

93 100

63 82.5 71.6 107.4

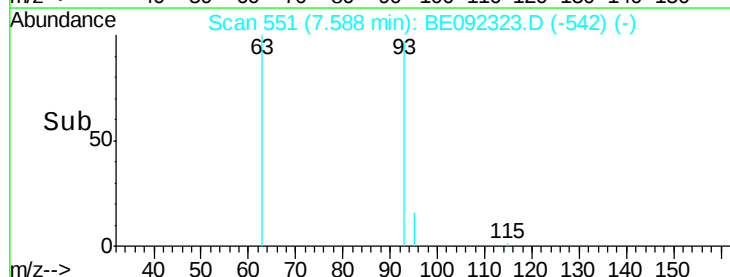
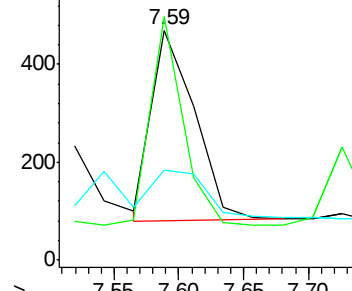
95 52.2 0.0 0.0#

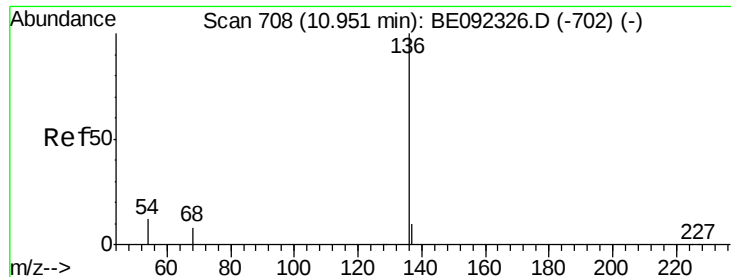


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.97 min Scan# 709

Delta R.T. 0.02 min

Lab File: BE092323.D

Acq: 1 Sep 2016 10:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tgt Ion:136 Resp: 32249

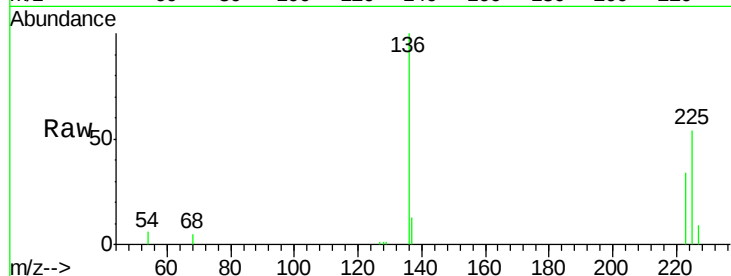
Ion Ratio Lower Upper

136 100

137 12.8 8.2 12.4#

54 5.6 9.6 14.4#

68 5.2 6.7 10.1#

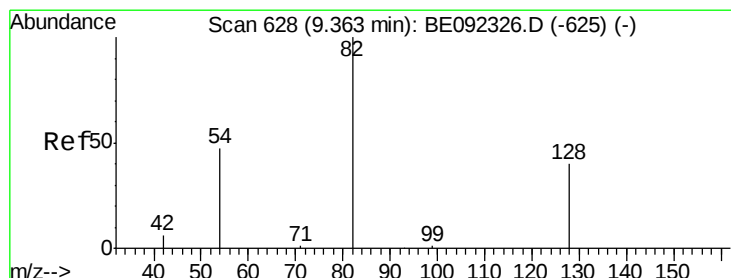
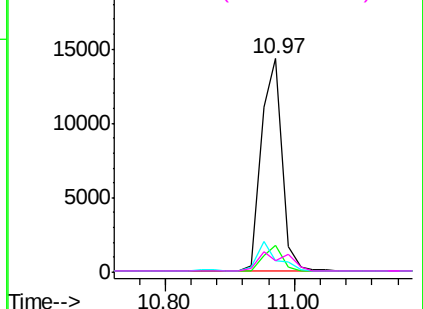
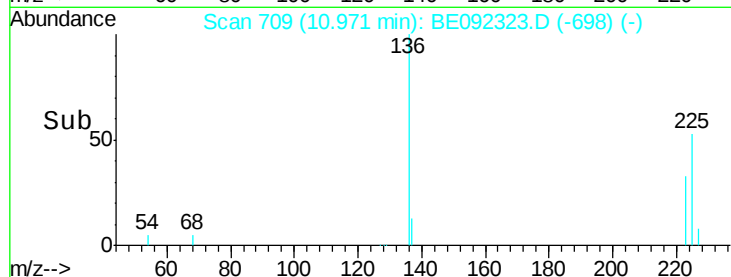


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 1.73 ng

RT: 9.36 min Scan# 628

Delta R.T. -0.00 min

Lab File: BE092323.D

Acq: 1 Sep 2016 10:58

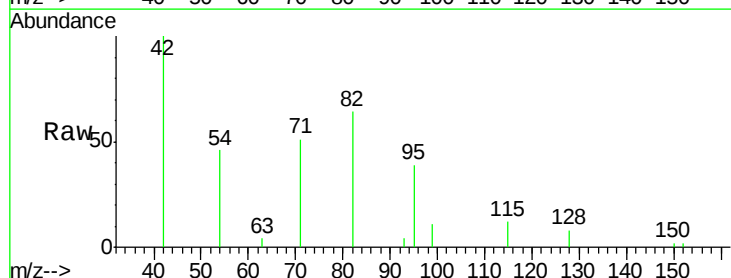
Tgt Ion: 82 Resp: 3704

Ion Ratio Lower Upper

82 100

128 12.9 39.0 58.4#

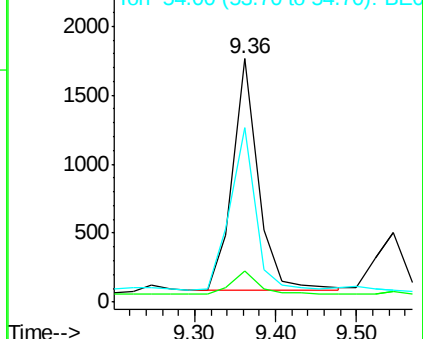
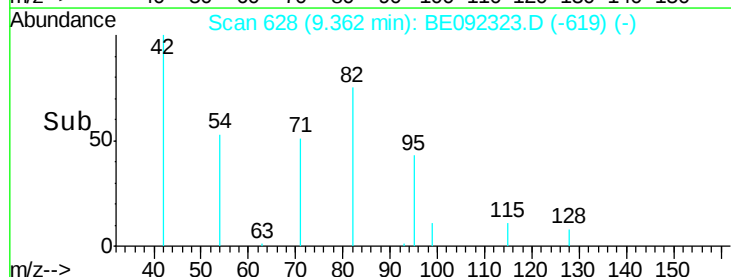
54 71.8 44.8 67.2#

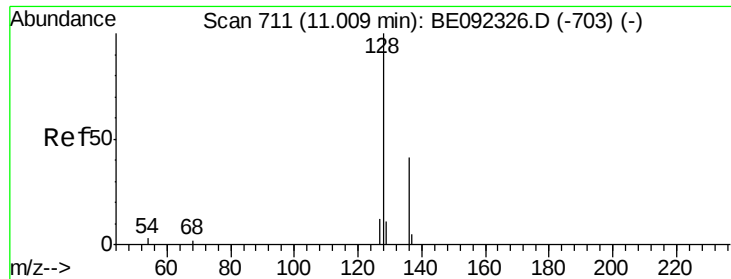


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

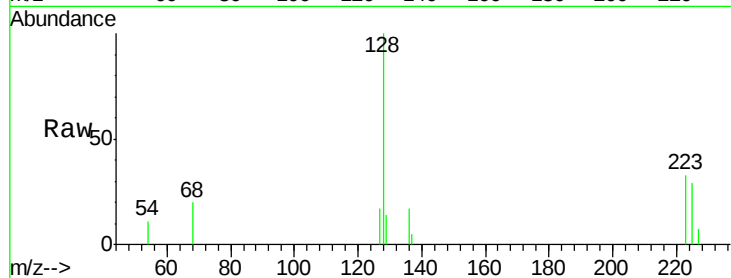




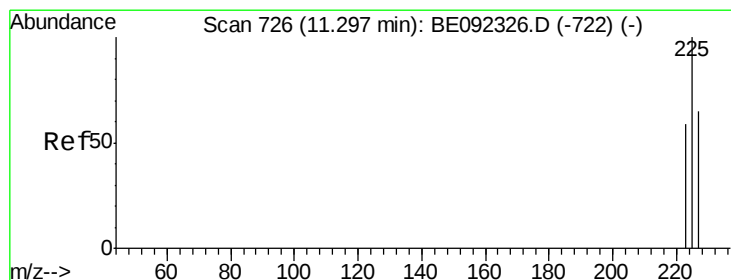
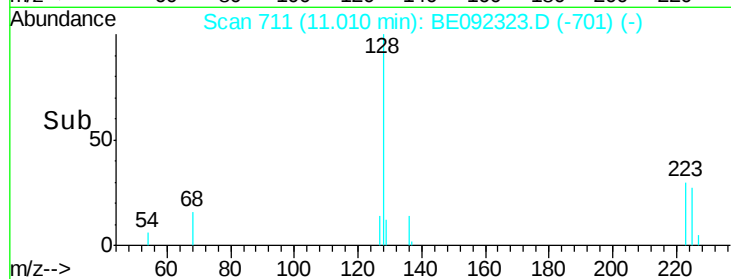
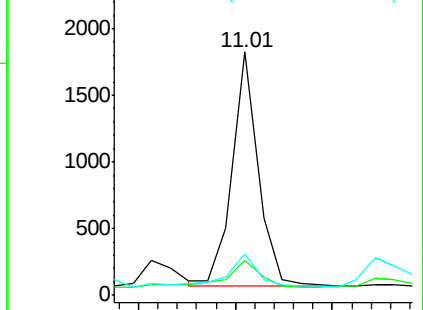
#9
Naphthalene
Concen: 0.45 ng
RT: 11.01 min Scan# 711
Delta R.T. 0.00 min
Lab File: BE092323.D
Acq: 1 Sep 2016 10:58

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 3228
Ion Ratio Lower Upper
128 100
129 14.3 11.2 16.8
127 16.9 11.6 17.4

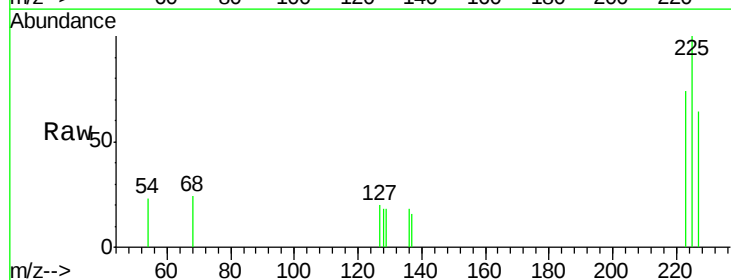


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

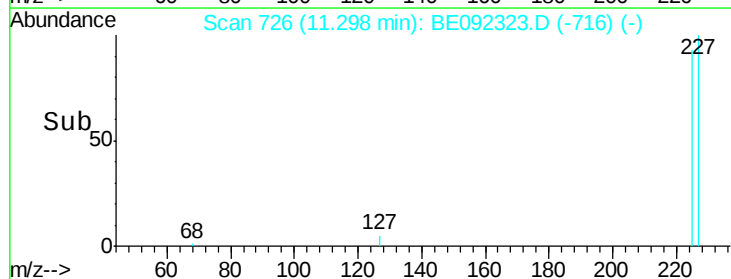
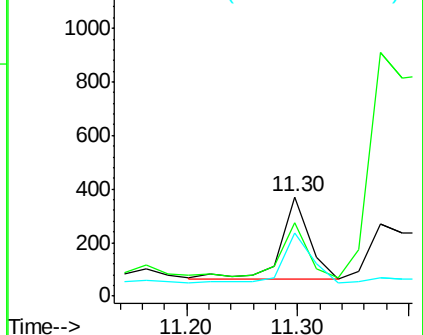


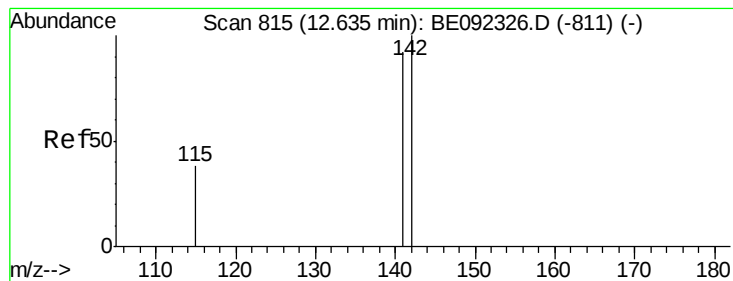
#10
Hexachlorobutadiene
Concen: 0.50 ng
RT: 11.30 min Scan# 726
Delta R.T. 0.00 min
Lab File: BE092323.D
Acq: 1 Sep 2016 10:58

Tgt Ion:225 Resp: 539
Ion Ratio Lower Upper
225 100
223 60.3 50.6 76.0
227 56.0 51.4 77.0



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene

Concen: 0.51 ng

RT: 12.64 min Scan# 815

Delta R.T. 0.00 min

Lab File: BE092323.D

Acq: 1 Sep 2016 10:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

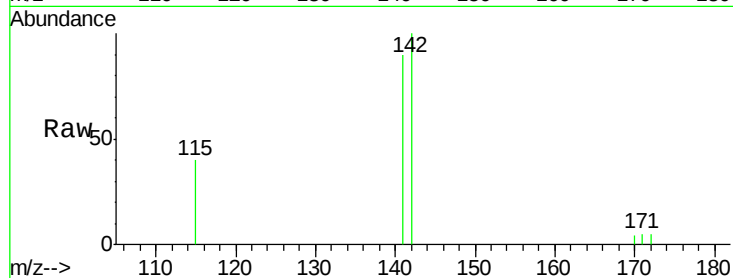
Tgt Ion:142 Resp: 2274

Ion Ratio Lower Upper

142 100

141 90.4 73.7 110.5

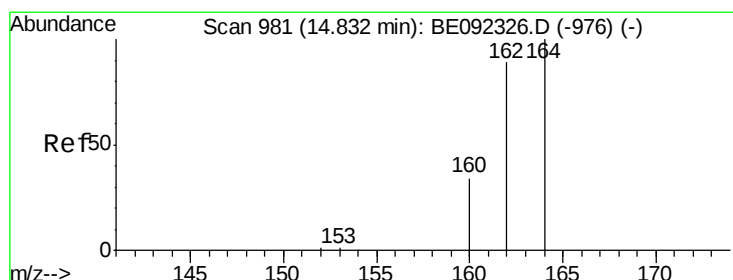
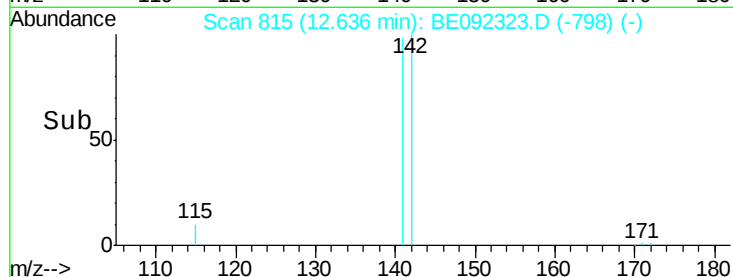
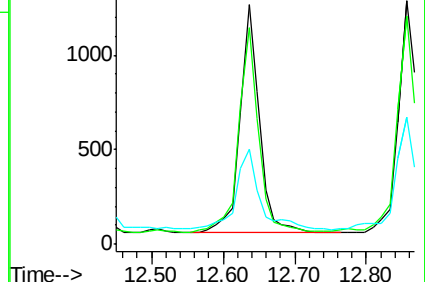
115 39.5 34.0 51.0



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: 14.83 min Scan# 981

Delta R.T. 0.00 min

Lab File: BE092323.D

Acq: 1 Sep 2016 10:58

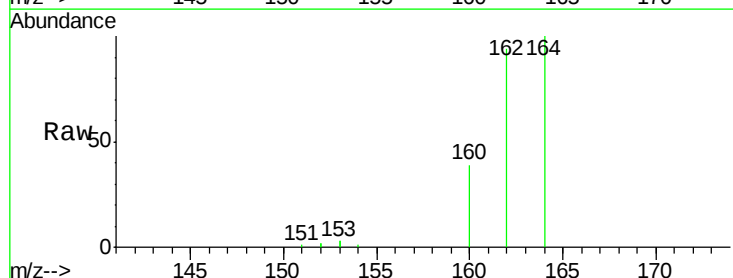
Tgt Ion:164 Resp: 22276

Ion Ratio Lower Upper

164 100

162 94.3 71.4 107.0

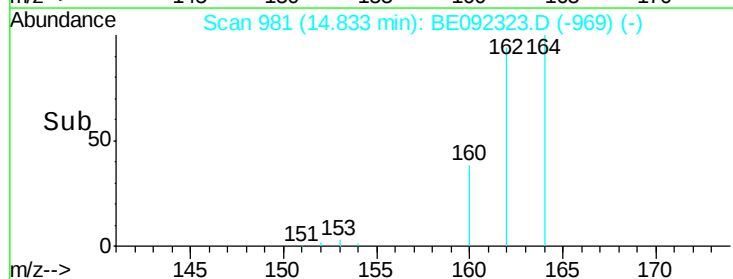
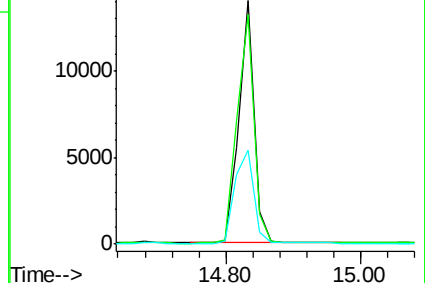
160 38.7 27.4 41.2

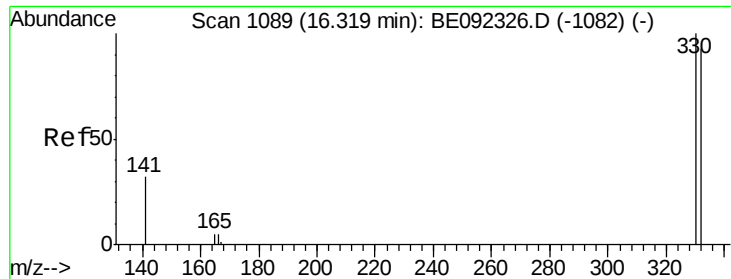


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

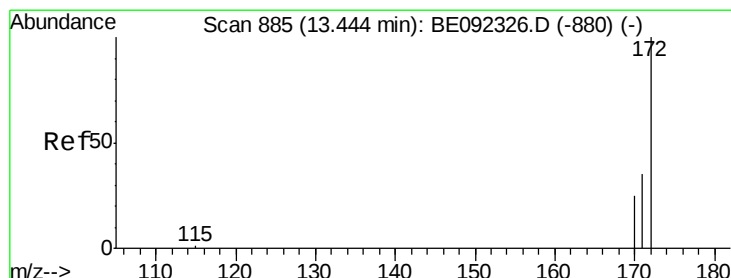
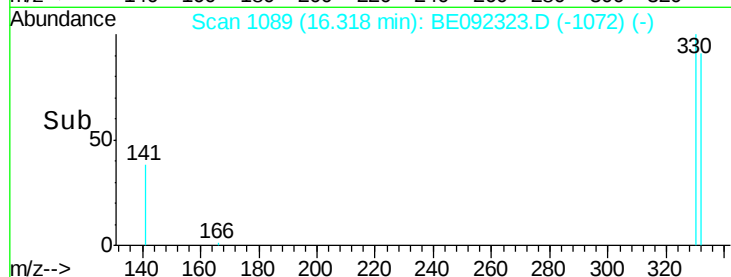
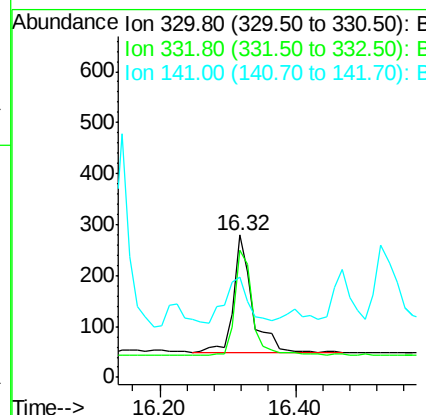
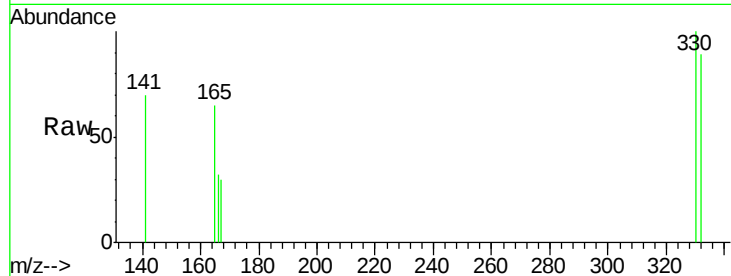




#13
 2,4,6-Tribromophenol
 Concen: 0.69 ng
 RT: 16.32 min Scan# 1089
 Delta R.T. -0.00 min
 Lab File: BE092323.D
 Acq: 1 Sep 2016 10:58

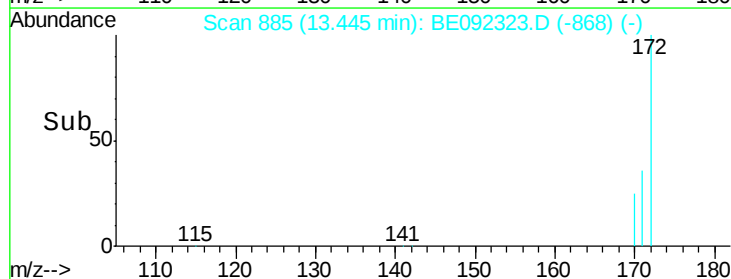
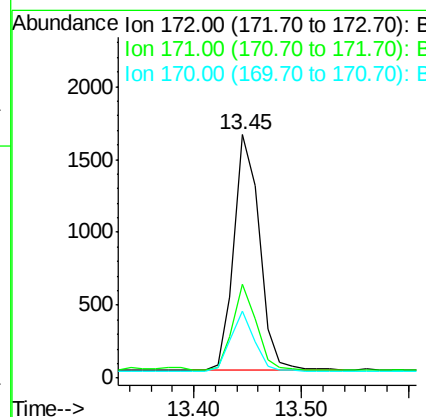
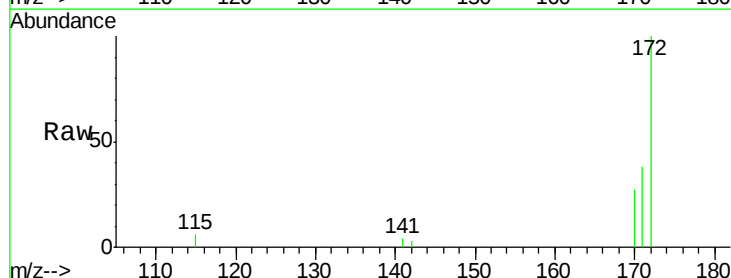
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

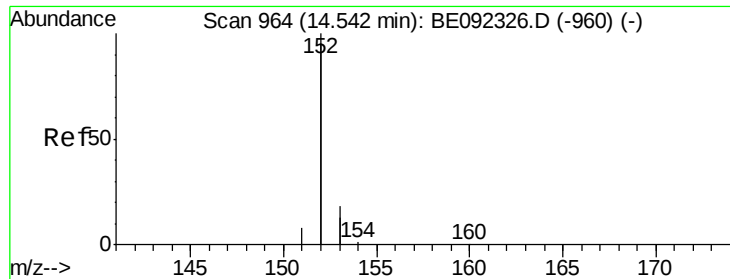
Tgt Ion: 330 Resp: 438
 Ion Ratio Lower Upper
 330 100
 332 86.5 75.4 113.0
 141 50.9 31.0 46.6#



#14
 2-Fluorobiphenyl
 Concen: 0.38 ng
 RT: 13.45 min Scan# 885
 Delta R.T. 0.00 min
 Lab File: BE092323.D
 Acq: 1 Sep 2016 10:58

Tgt Ion: 172 Resp: 2663
 Ion Ratio Lower Upper
 172 100
 171 38.3 30.1 45.1
 170 27.3 21.8 32.6

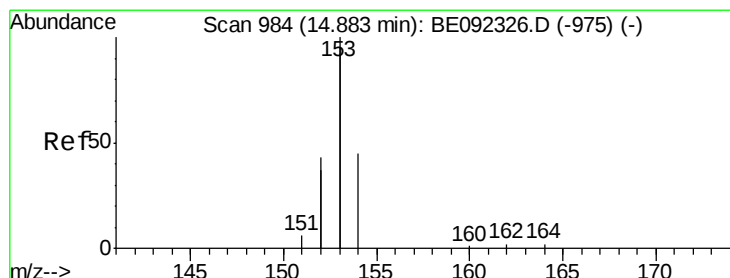
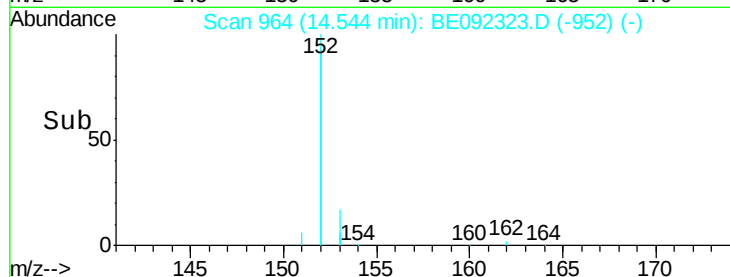
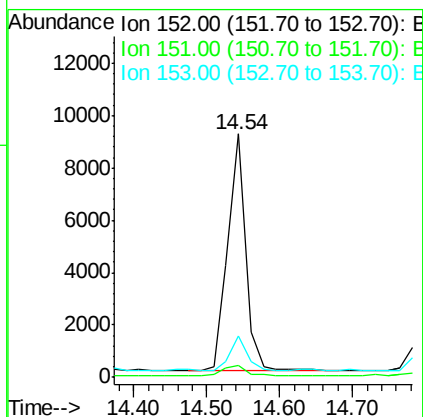
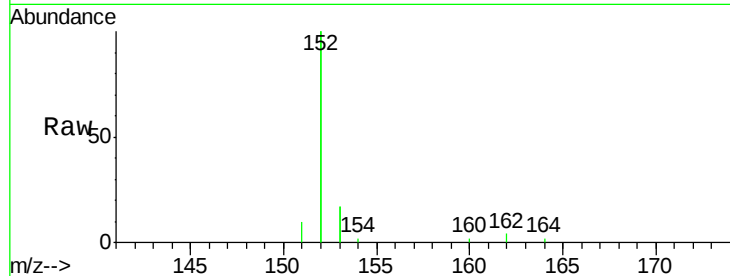




#15
Acenaphthylene
Concen: 0.40 ng
RT: 14.54 min Scan# 964
Delta R.T. 0.00 min
Lab File: BE092323.D
Acq: 1 Sep 2016 10:58

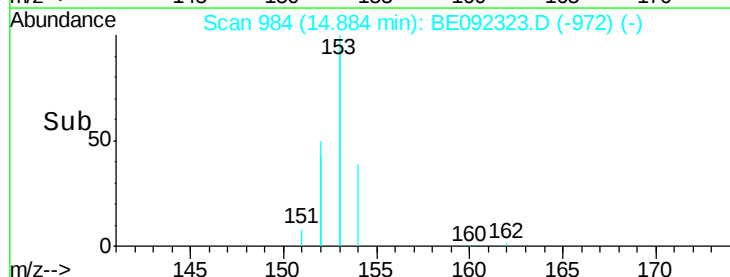
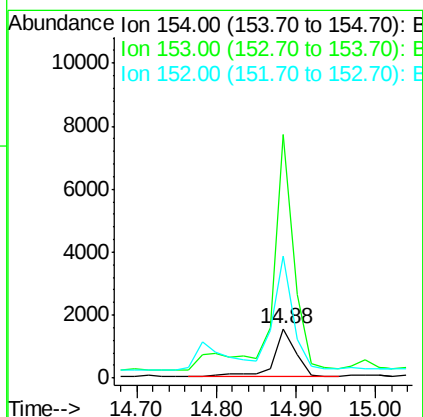
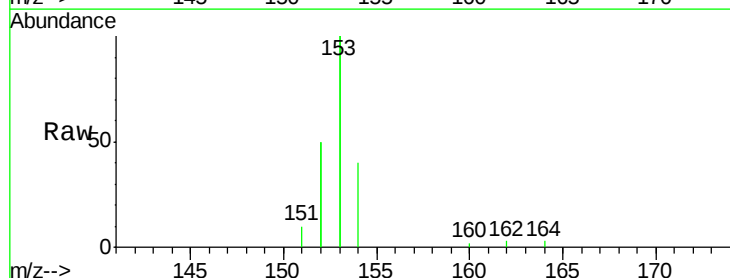
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

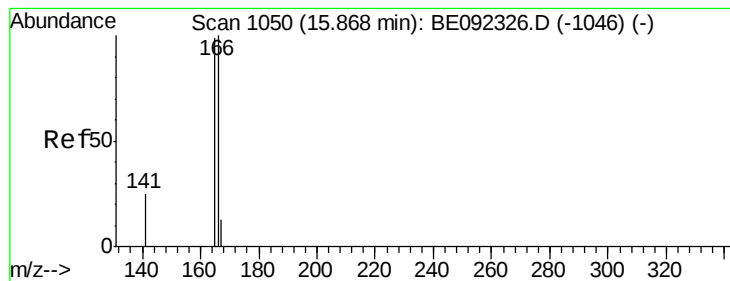
Tgt Ion:152 Resp: 15406
Ion Ratio Lower Upper
152 100
151 5.4 3.9 5.9
153 13.6 10.4 15.6



#16
Acenaphthene
Concen: 0.44 ng
RT: 14.88 min Scan# 984
Delta R.T. 0.00 min
Lab File: BE092323.D
Acq: 1 Sep 2016 10:58

Tgt Ion:154 Resp: 2744
Ion Ratio Lower Upper
154 100
153 453.4 350.8 526.2
152 220.5 171.1 256.7





#17

Fluorene

Concen: 0.46 ng

RT: 15.88 min Scan# 1051

Delta R.T. 0.01 min

Lab File: BE092323.D

Acq: 1 Sep 2016 10:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

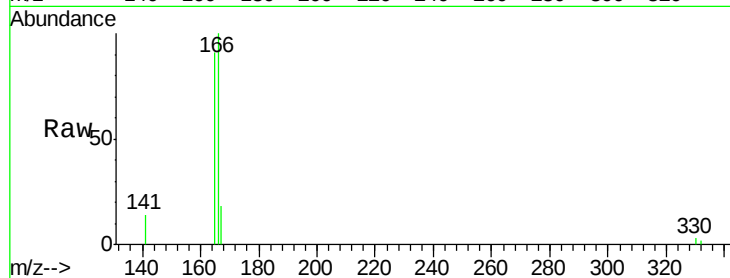
Tgt Ion:166 Resp: 3456

Ion Ratio Lower Upper

166 100

165 98.8 78.2 117.4

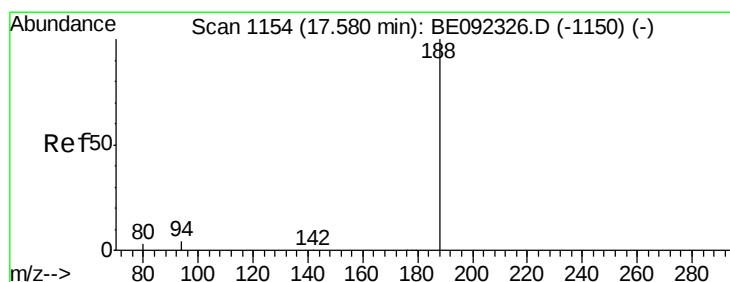
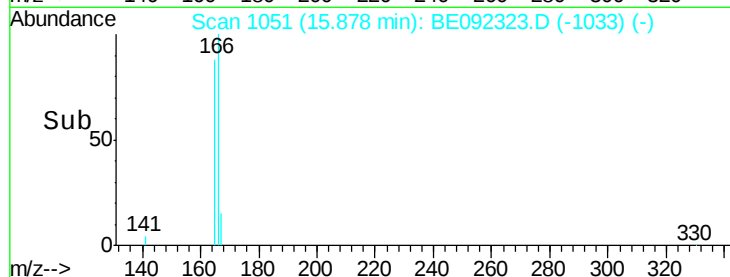
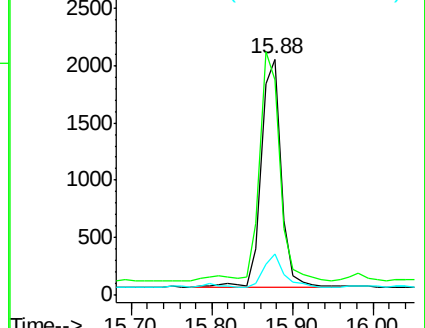
167 14.9 11.0 16.4



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



#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.58 min Scan# 1154

Delta R.T. -0.00 min

Lab File: BE092323.D

Acq: 1 Sep 2016 10:58

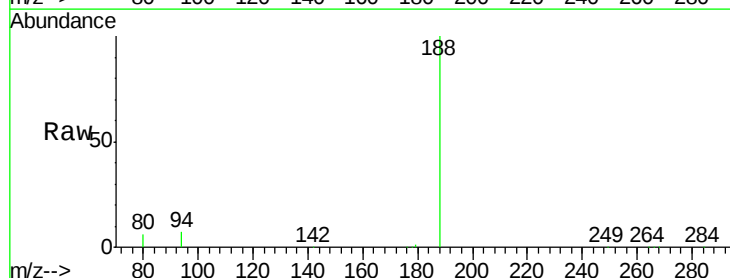
Tgt Ion:188 Resp: 59335

Ion Ratio Lower Upper

188 100

94 6.7 3.2 4.8#

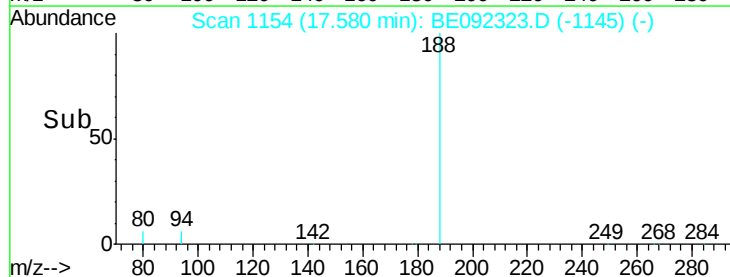
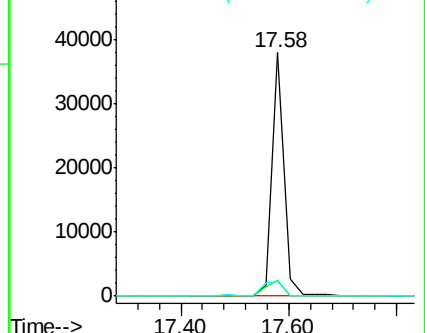
80 5.8 2.6 3.8#

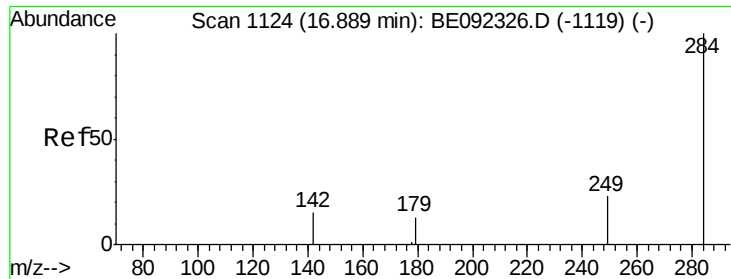


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0

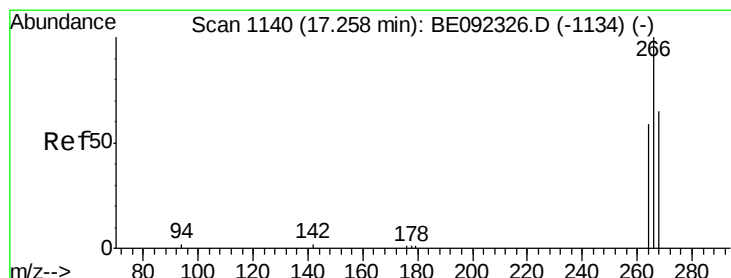
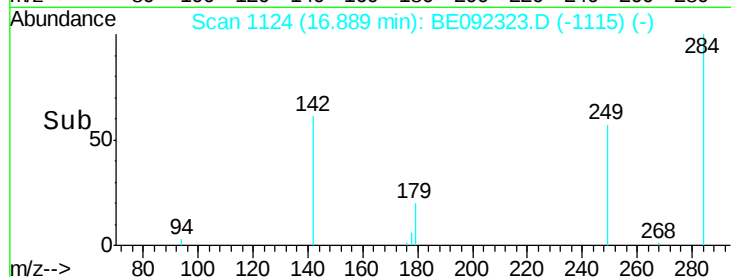
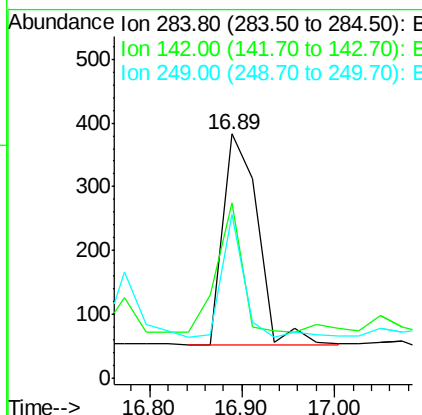
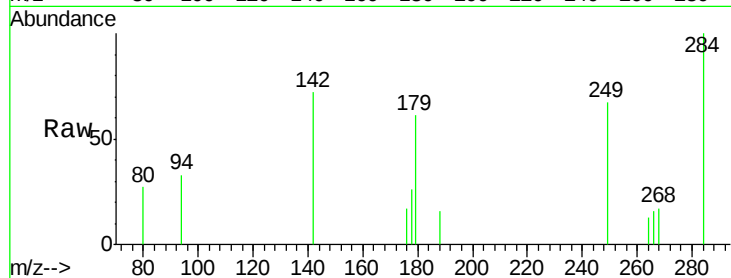




#19
Hexachlorobenzene
Concen: 0.36 ng
RT: 16.89 min Scan# 1124
Delta R.T. -0.00 min
Lab File: BE092323.D
Acq: 1 Sep 2016 10:58

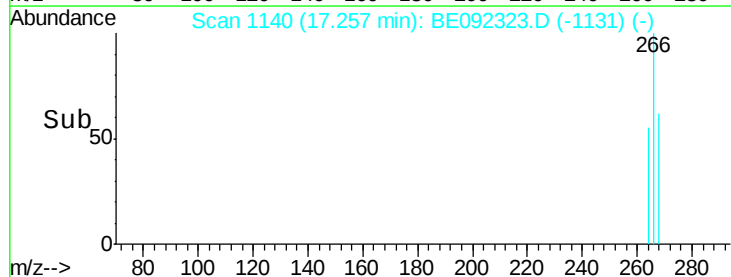
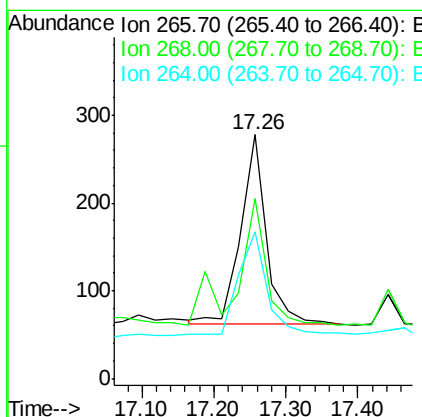
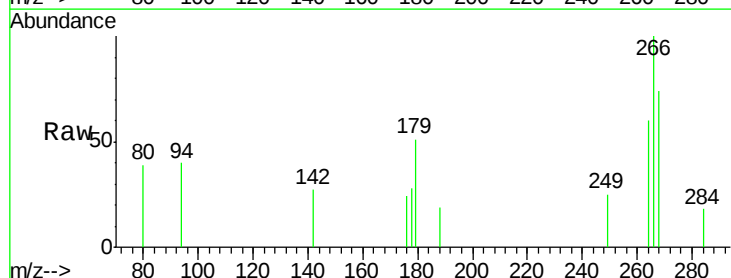
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

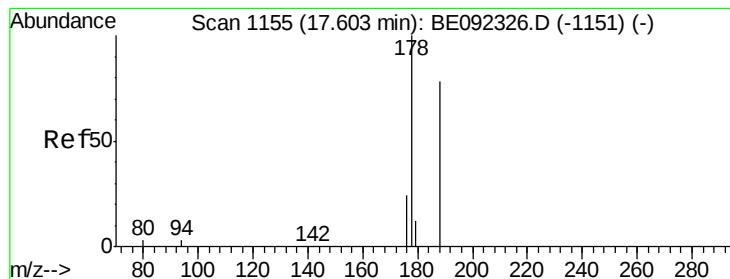
Tgt Ion: 284 Resp: 872
Ion Ratio Lower Upper
284 100
142 43.5 29.1 43.7
249 36.6 27.9 41.9



#20
Pentachlorophenol
Concen: 0.86 ng
RT: 17.26 min Scan# 1140
Delta R.T. -0.00 min
Lab File: BE092323.D
Acq: 1 Sep 2016 10:58

Tgt Ion: 266 Resp: 529
Ion Ratio Lower Upper
266 100
268 73.7 62.5 93.7
264 60.1 57.2 85.8





#21

Phenanthrene

Concen: 0.42 ng

RT: 17.63 min Scan# 1156

Delta R.T. 0.02 min

Lab File: BE092323.D

Acq: 1 Sep 2016 10:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

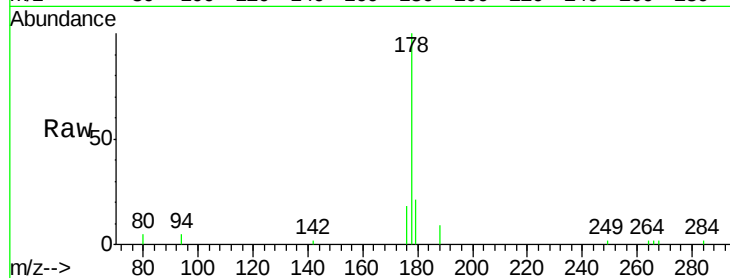
Tgt Ion:178 Resp: 5882

Ion Ratio Lower Upper

178 100

176 19.5 15.8 23.8

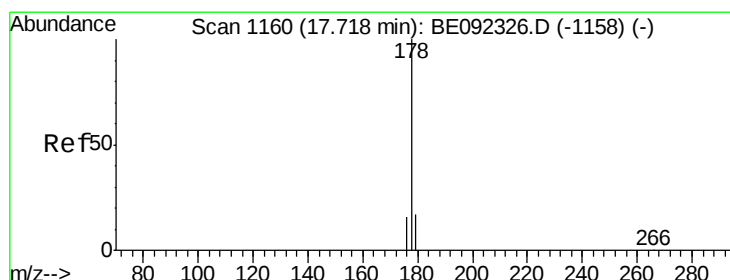
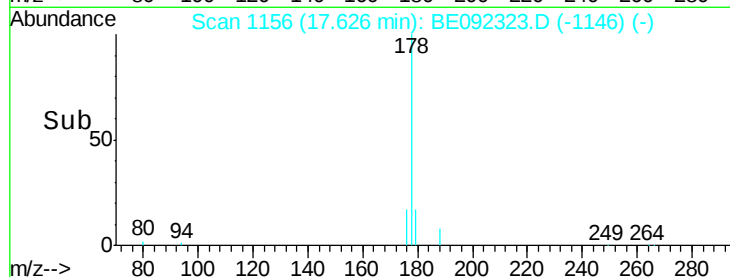
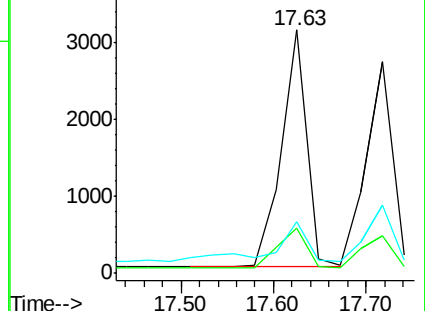
179 22.8 0.0 0.0#



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: 0.45 ng

RT: 17.63 min Scan# 1156

Delta R.T. -0.09 min

Lab File: BE092323.D

Acq: 1 Sep 2016 10:58

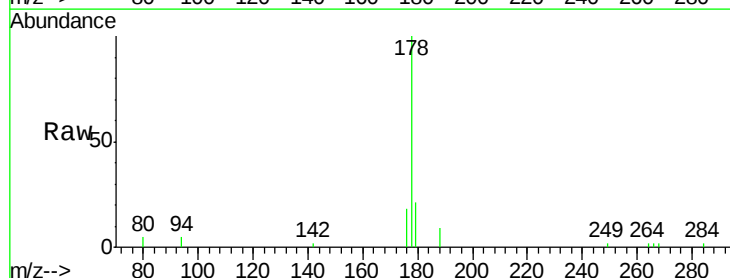
Tgt Ion:178 Resp: 5814

Ion Ratio Lower Upper

178 100

176 18.7 15.0 22.4

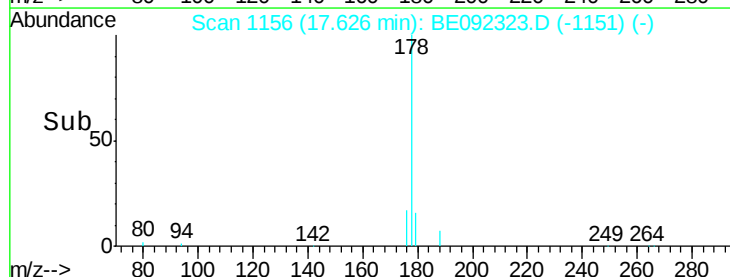
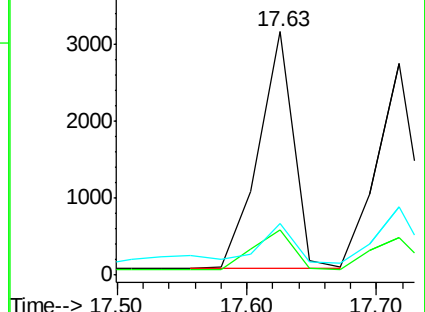
179 15.8 12.2 18.2

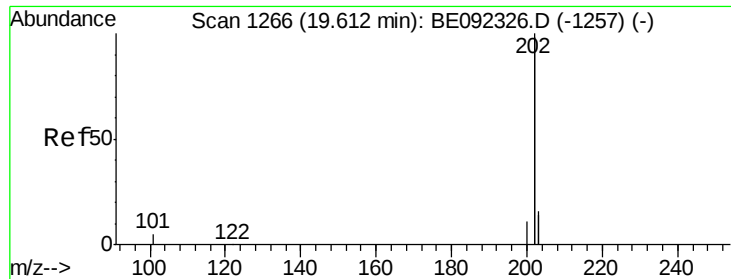


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#23

Fluoranthene

Concen: 0.46 ng

RT: 19.61 min Scan# 1266

Delta R.T. -0.00 min

Lab File: BE092323.D

Acq: 1 Sep 2016 10:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

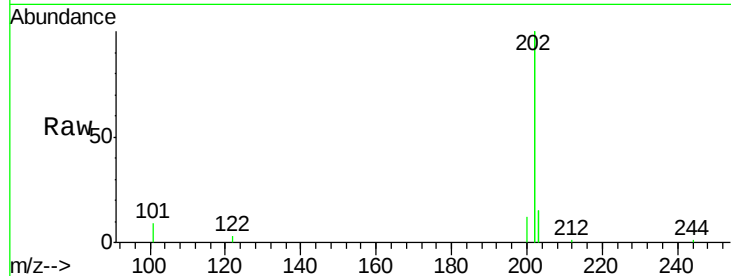
Tgt Ion:202 Resp: 29335

Ion Ratio Lower Upper

202 100

101 4.7 2.2 3.4#

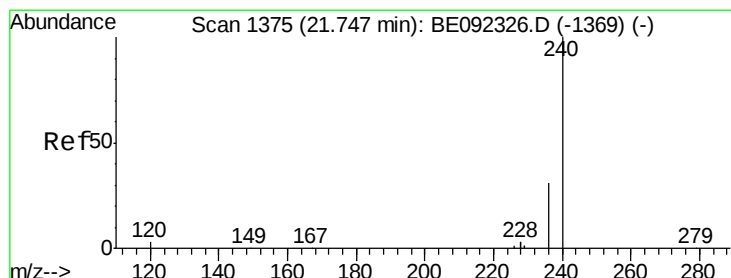
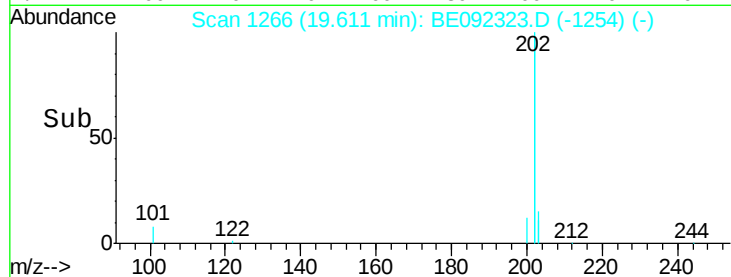
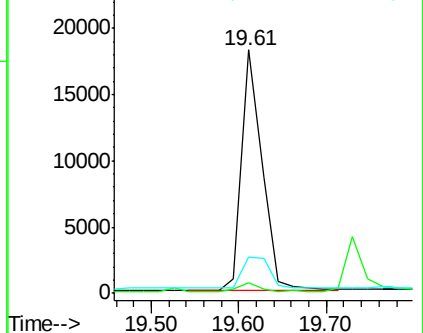
203 17.8 13.7 20.5



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: 21.75 min Scan# 1375

Delta R.T. -0.00 min

Lab File: BE092323.D

Acq: 1 Sep 2016 10:58

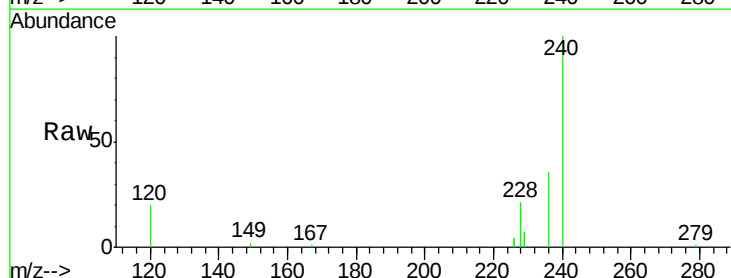
Tgt Ion:240 Resp: 64950

Ion Ratio Lower Upper

240 100

120 19.7 2.6 4.0#

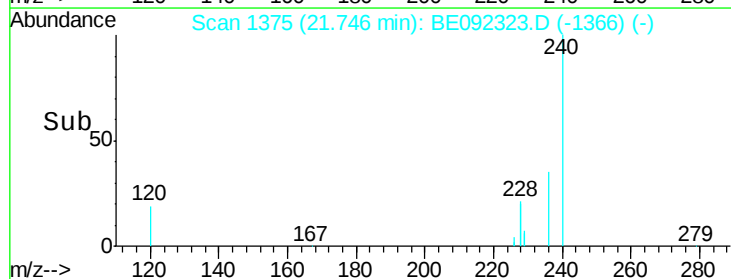
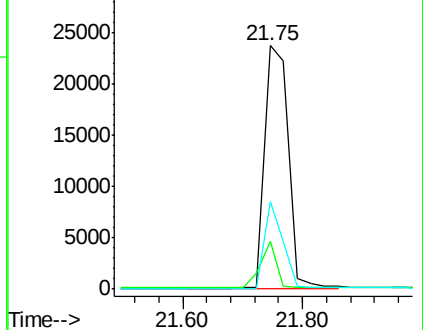
236 35.7 24.6 37.0

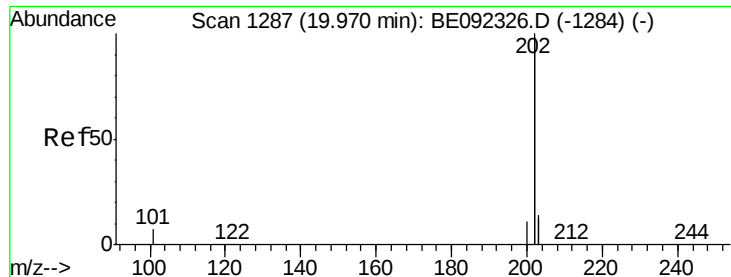


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

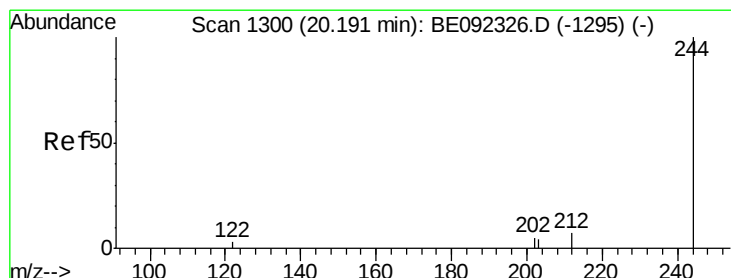
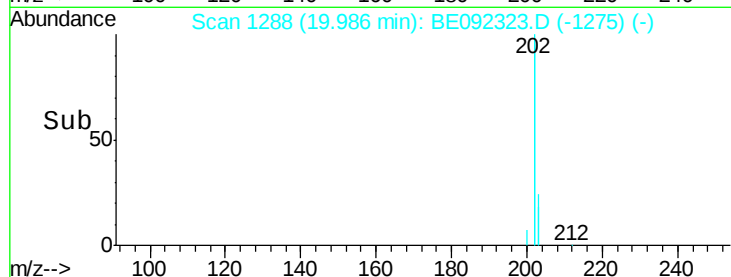
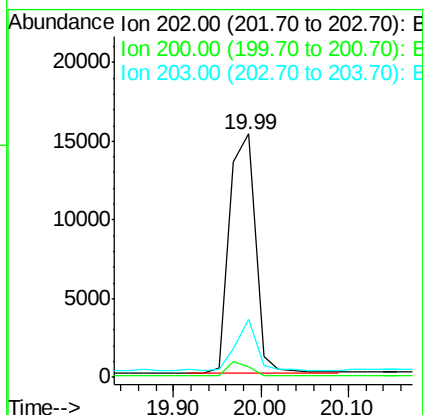
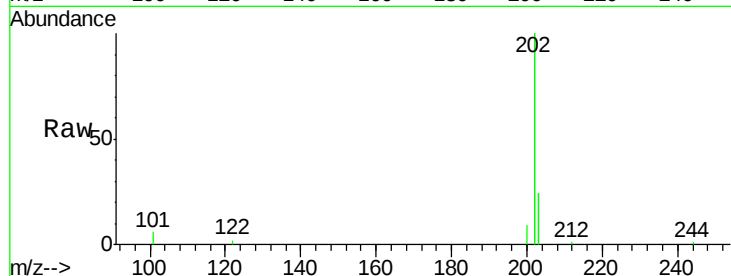




#25
 Pyrene
 Concen: 0.52 ng
 RT: 19.99 min Scan# 1288
 Delta R.T. 0.02 min
 Lab File: BE092323.D
 Acq: 1 Sep 2016 10:58

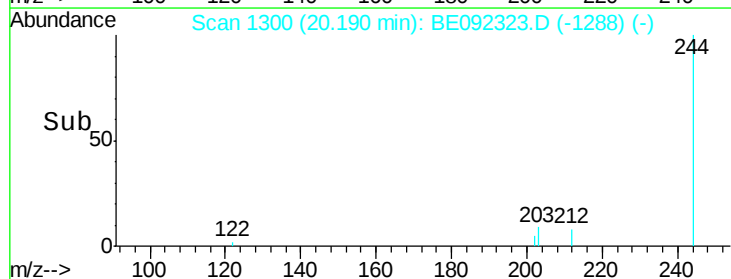
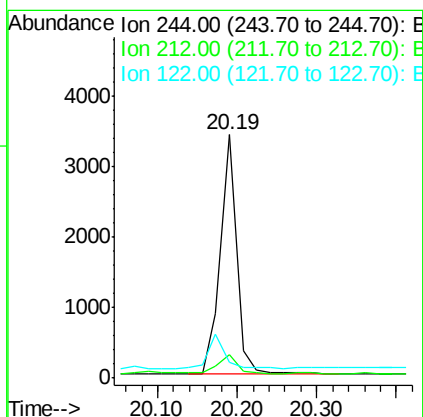
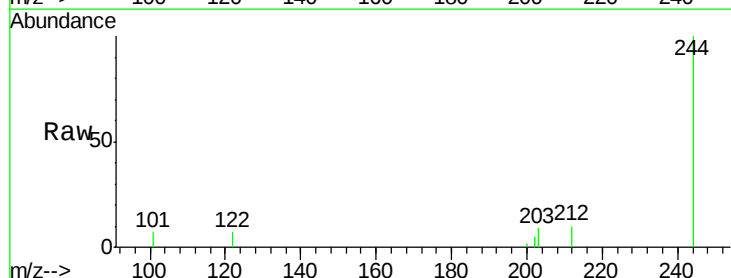
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

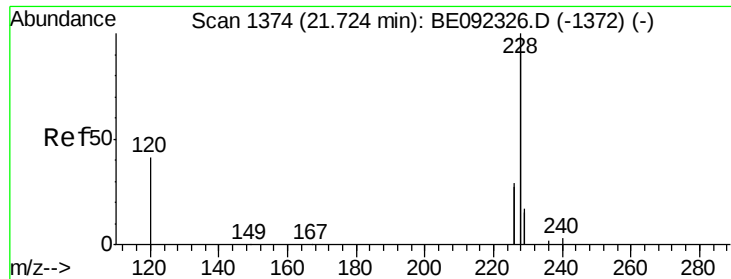
Tgt Ion: 202 Resp: 31068
 Ion Ratio Lower Upper
 202 100
 200 5.3 4.2 6.4
 203 17.4 13.9 20.9



#26
 Terphenyl-d14
 Concen: 0.55 ng
 RT: 20.19 min Scan# 1300
 Delta R.T. -0.00 min
 Lab File: BE092323.D
 Acq: 1 Sep 2016 10:58

Tgt Ion: 244 Resp: 4831
 Ion Ratio Lower Upper
 244 100
 212 9.7 6.7 10.1
 122 6.6 3.6 5.4#

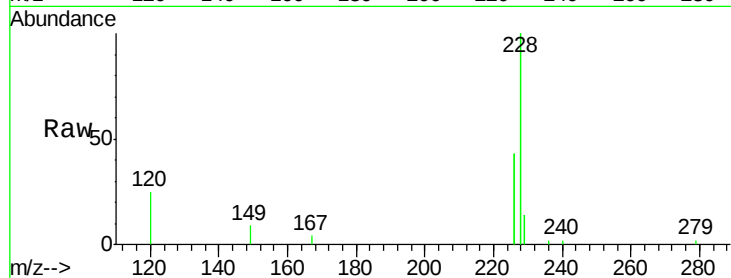




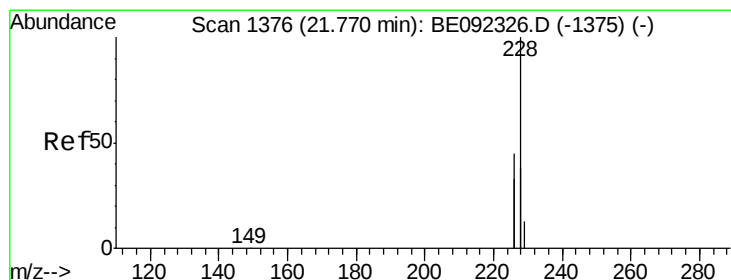
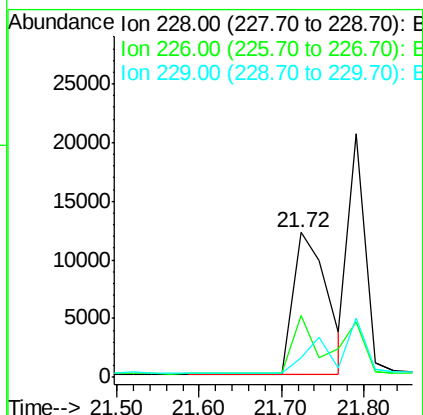
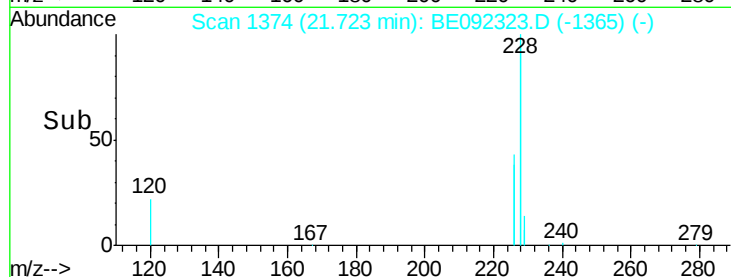
#27
Benzo(a)anthracene
Concen: 0.50 ng
RT: 21.72 min Scan# 1374
Delta R.T. -0.00 min
Lab File: BE092323.D
Acq: 1 Sep 2016 10:58

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 34473
Ion Ratio Lower Upper
228 100
226 42.8 23.6 35.4#
229 13.8 13.3 19.9

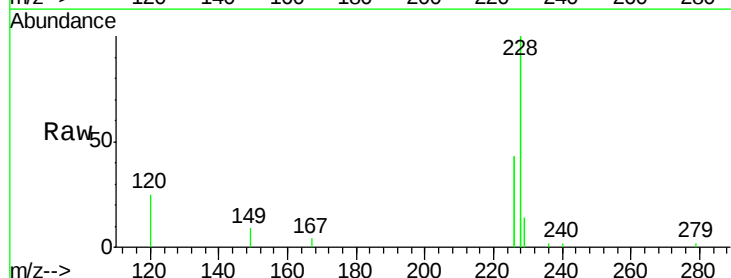


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

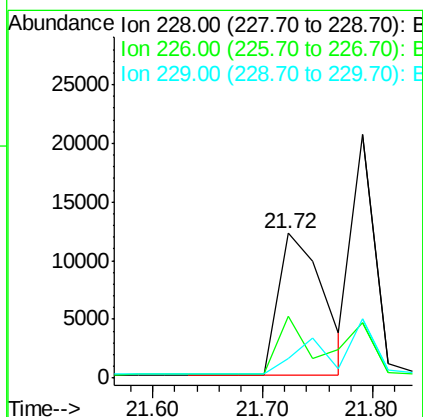
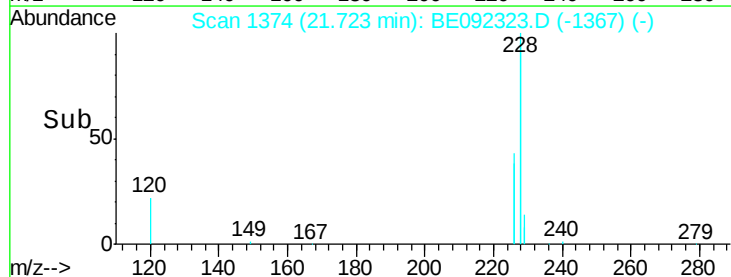


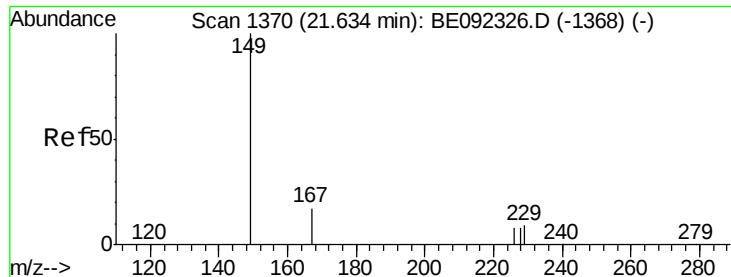
#28
Chrysene
Concen: 0.57 ng
RT: 21.72 min Scan# 1374
Delta R.T. -0.05 min
Lab File: BE092323.D
Acq: 1 Sep 2016 10:58

Tgt Ion:228 Resp: 34443
Ion Ratio Lower Upper
228 100
226 42.8 36.3 54.5
229 13.8 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: 23.70 ng

RT: 21.66 min Scan# 1371

Delta R.T. 0.02 min

Lab File: BE092323.D

Acq: 1 Sep 2016 10:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

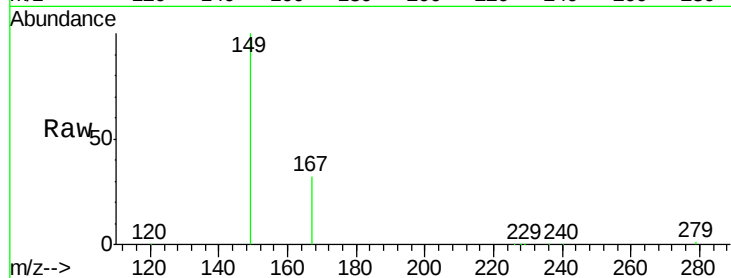
Tgt Ion:149 Resp: 110314

Ion Ratio Lower Upper

149 100

167 30.3 0.0 0.0#

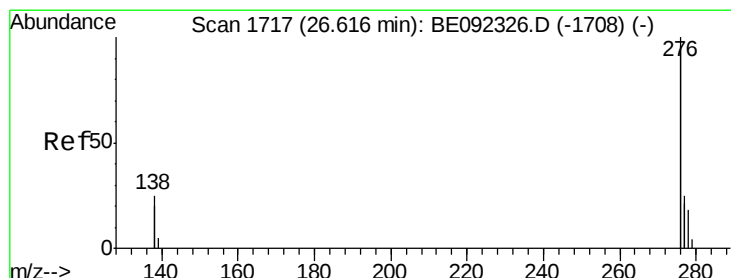
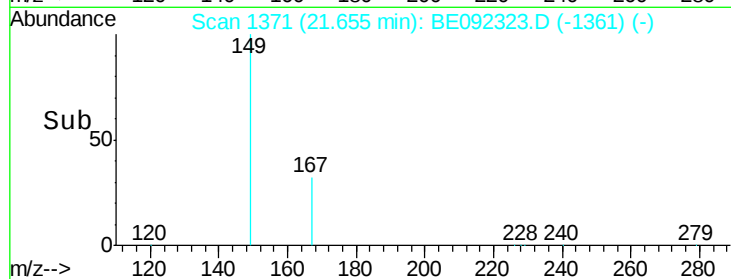
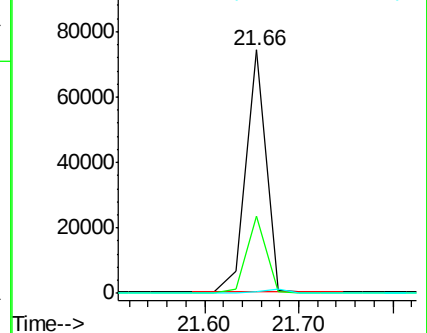
279 0.0 0.0 0.0



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: 0.56 ng

RT: 26.63 min Scan# 1718

Delta R.T. 0.02 min

Lab File: BE092323.D

Acq: 1 Sep 2016 10:58

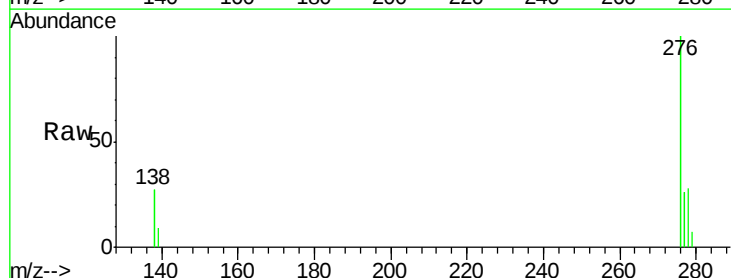
Tgt Ion:276 Resp: 35394

Ion Ratio Lower Upper

276 100

138 26.5 20.3 30.5

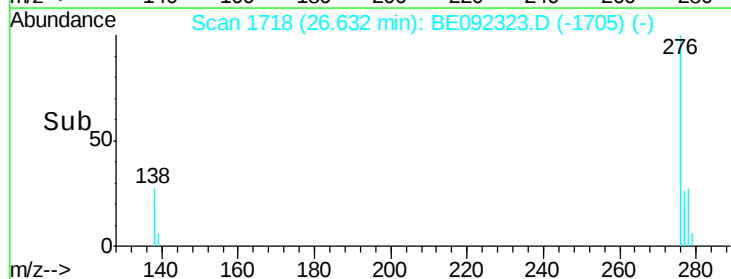
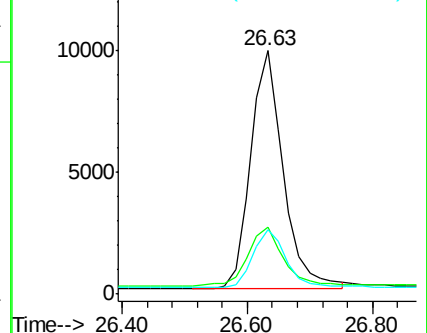
277 24.8 19.7 29.5

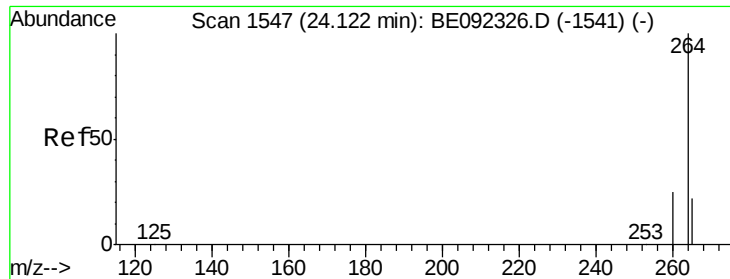


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

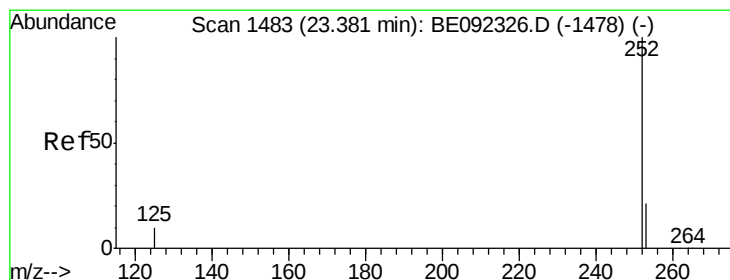
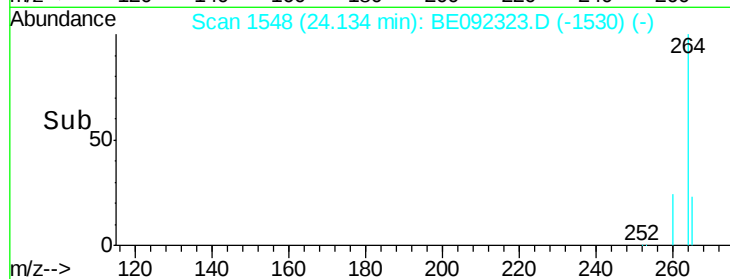
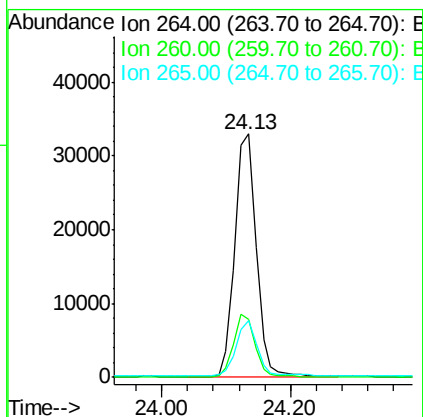
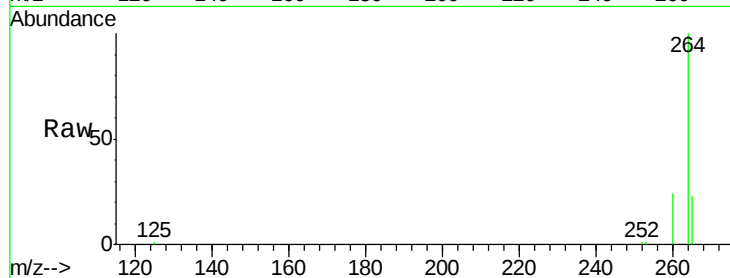




#31
Perylene-d12
 Concen: 5.00 ng
 RT: 24.13 min Scan# 1548
 Delta R.T. 0.01 min
 Lab File: BE092323.D
 Acq: 1 Sep 2016 10:58

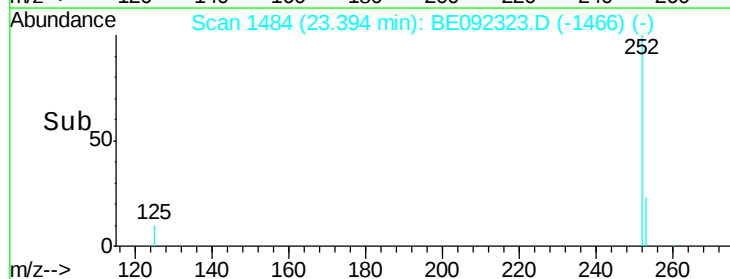
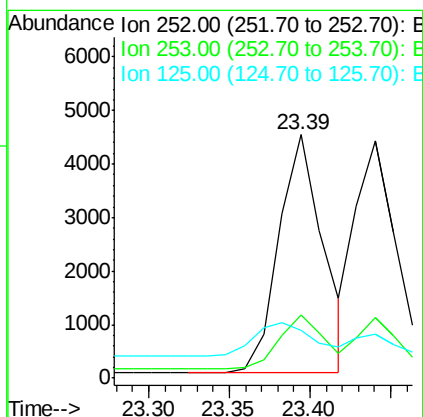
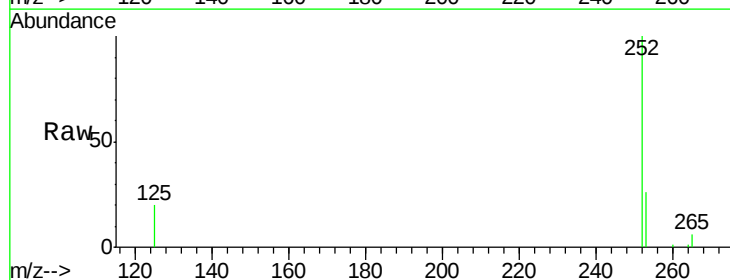
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

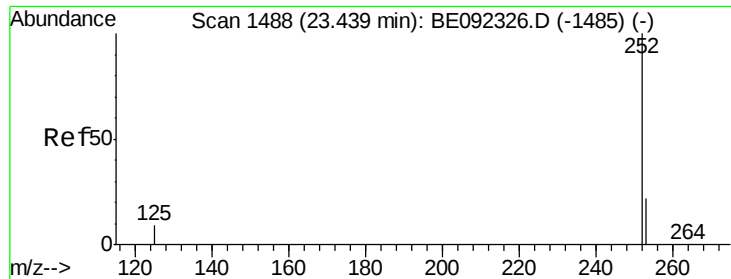
Tgt Ion: 264 Resp: 75540
 Ion Ratio Lower Upper
 264 100
 260 23.7 20.1 30.1
 265 23.4 17.9 26.9



#32
Benzo(b)fluoranthene
 Concen: 0.48 ng
 RT: 23.39 min Scan# 1484
 Delta R.T. 0.01 min
 Lab File: BE092323.D
 Acq: 1 Sep 2016 10:58

Tgt Ion: 252 Resp: 8506
 Ion Ratio Lower Upper
 252 100
 253 25.7 18.7 28.1
 125 19.8 10.5 15.7#





#33

Benzo(k)fluoranthene

Concen: 0.40 ng

RT: 23.44 min Scan# 1488

Delta R.T. 0.00 min

Lab File: BE092323.D

Acq: 1 Sep 2016 10:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

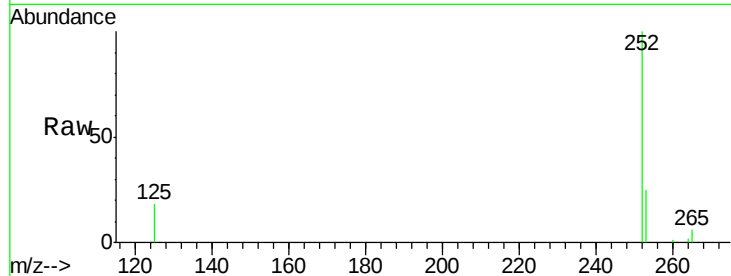
Tgt Ion:252 Resp: 8216

Ion Ratio Lower Upper

252 100

253 25.3 20.3 30.5

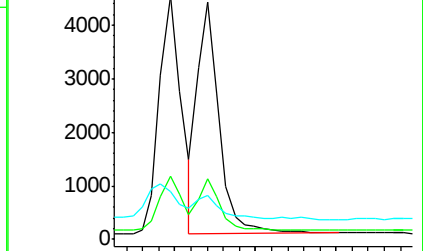
125 18.4 9.6 14.4#



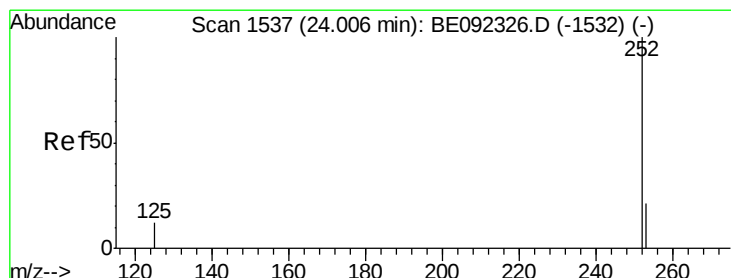
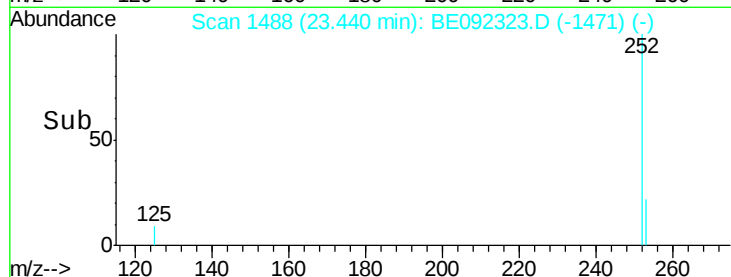
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->



#34

Benzo(a)pyrene

Concen: 0.44 ng

RT: 24.02 min Scan# 1538

Delta R.T. 0.01 min

Lab File: BE092323.D

Acq: 1 Sep 2016 10:58

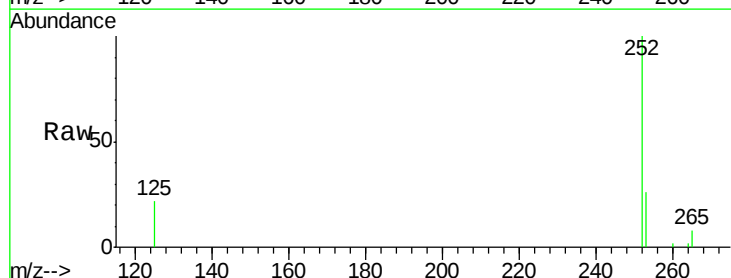
Tgt Ion:252 Resp: 7920

Ion Ratio Lower Upper

252 100

253 25.9 19.0 28.6

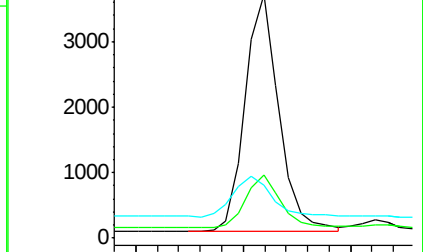
125 21.7 11.8 17.8#



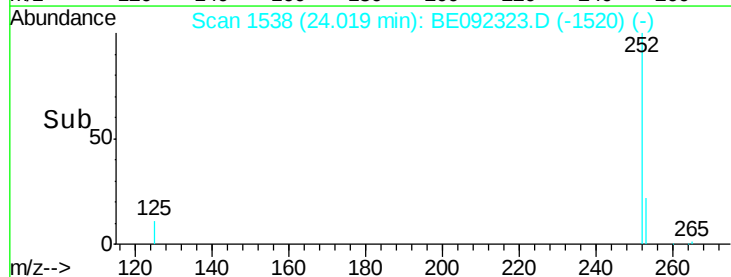
Abundance Ion 252.00 (251.70 to 252.70): E

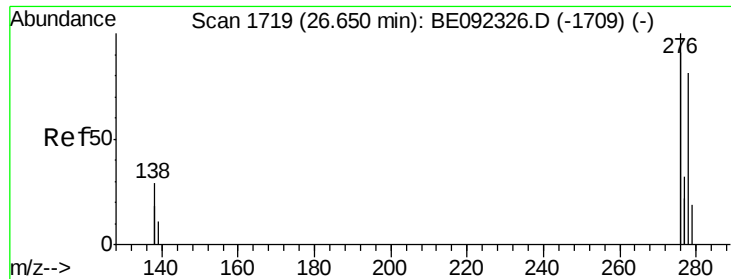
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->





#35

Dibenzo(a,h)anthracene

Concen: 0.46 ng

RT: 26.65 min Scan# 1719

Delta R.T. -0.00 min

Lab File: BE092323.D

Acq: 1 Sep 2016 10:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

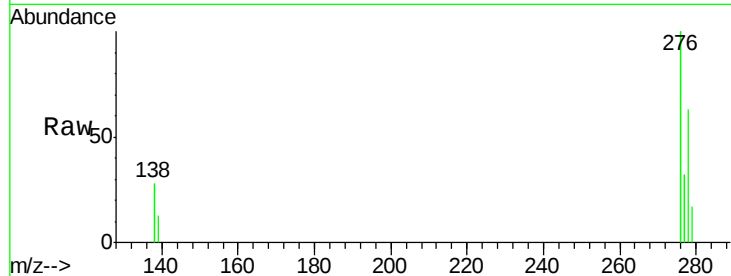
Tgt Ion: 278 Resp: 7320

Ion Ratio Lower Upper

278 100

139 20.1 13.8 20.8

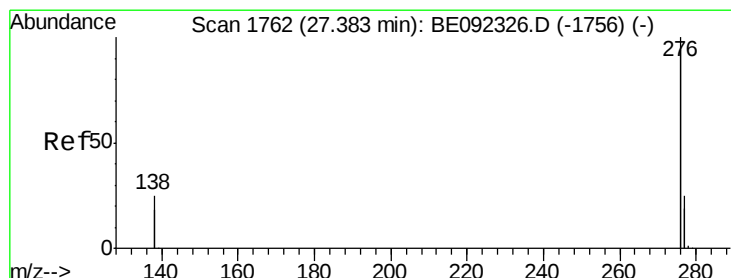
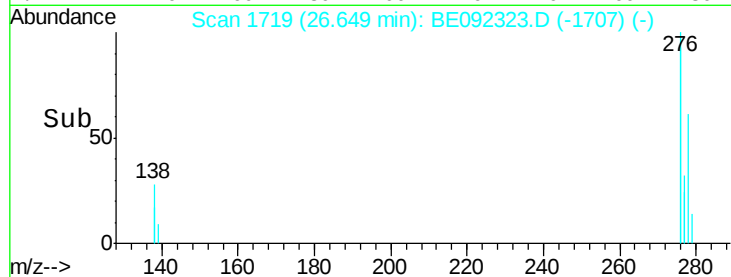
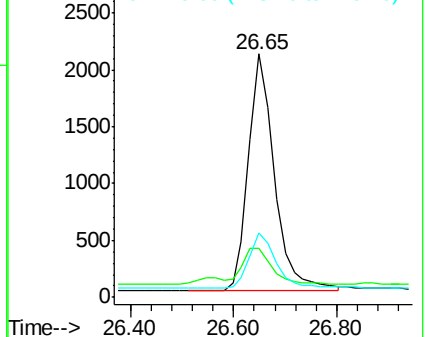
279 26.6 21.4 32.2



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: 0.43 ng

RT: 27.40 min Scan# 1763

Delta R.T. 0.02 min

Lab File: BE092323.D

Acq: 1 Sep 2016 10:58

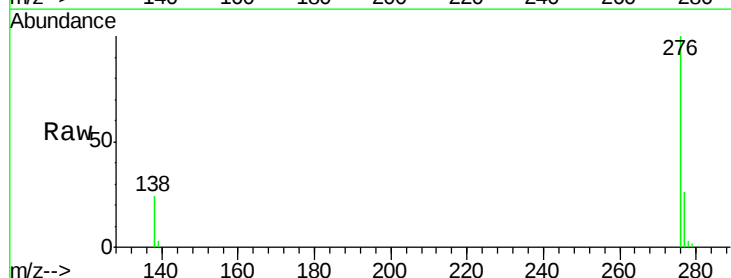
Tgt Ion: 276 Resp: 30641

Ion Ratio Lower Upper

276 100

277 25.5 19.8 29.8

138 24.3 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

