

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE120916\
 Data File : BE092589.D
 Acq On : 9 Dec 2016 10:14
 Operator : UM/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Dec 09 23:06:34 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 15:43:18 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	8444	5.00	ng	-0.02
7) Naphthalene-d8	10.93	136	41249	5.00	ng	0.00
12) Acenaphthene-d10	14.80	164	29599	5.00	ng	0.00
18) Phenanthrene-d10	17.56	188	66267	5.00	ng	0.00
24) Chrysene-d12	21.72	240	90684	5.00	ng	0.00
31) Perylene-d12	24.08	264	76295	5.00	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.68	112	472	0.33	ng	0.00
5) Phenol-d6	7.36	99	677	0.39	ng	0.00
8) Nitrobenzene-d5	9.36	82	850	0.39	ng	0.00
13) 2,4,6-Tribromophenol	16.31	330	219	0.33	ng	0.00
14) 2-Fluorobiphenyl	13.43	172	2858	0.40	ng	0.00
26) Terphenyl-d14	20.17	244	4106	0.40	ng	0.00

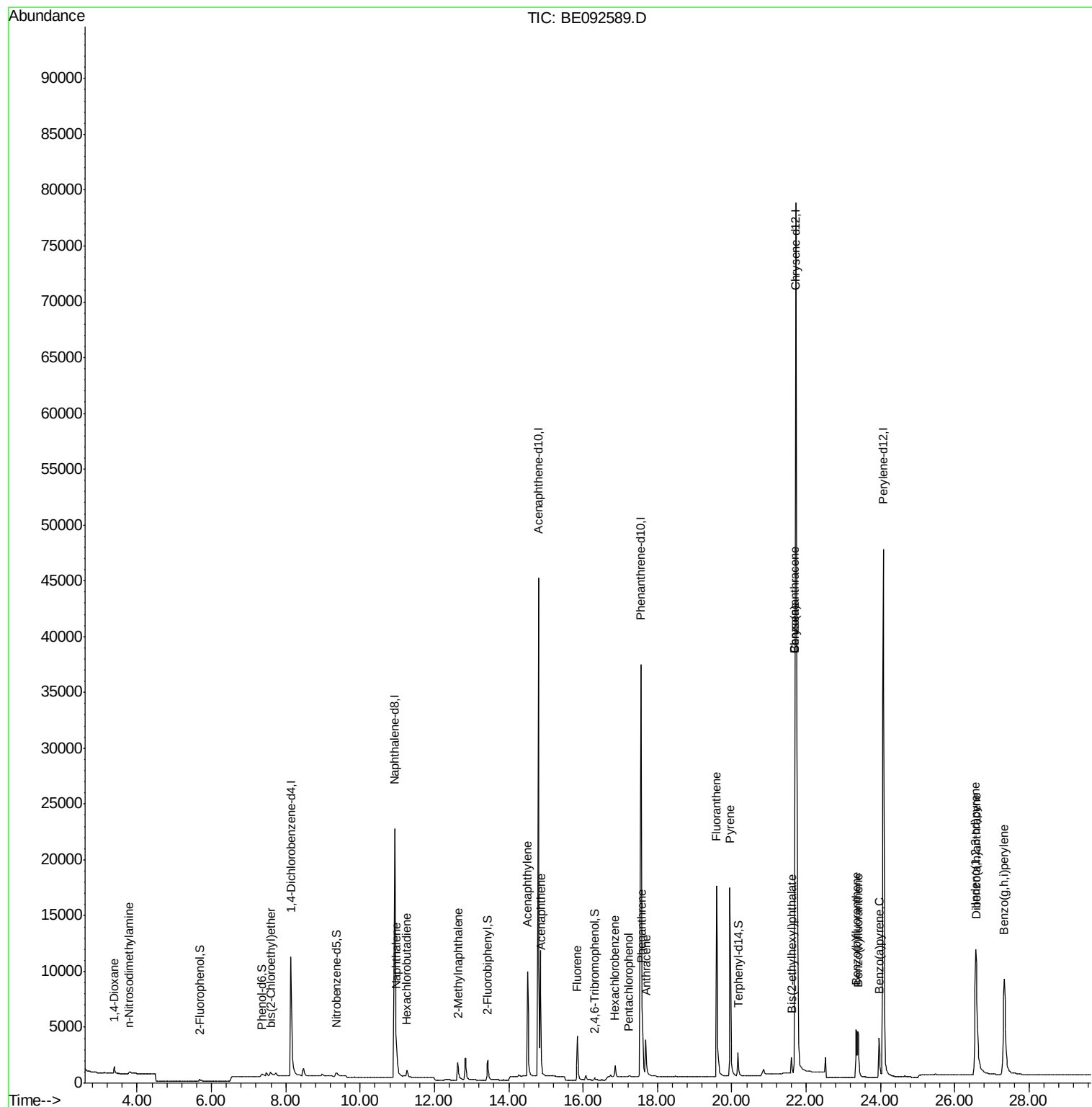
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.39	88	538	0.43	ng	92
3) n-Nitrosodimethylamine	3.79	42	386	0.44	ng	# 89
6) bis(2-Chloroethyl)ether	7.59	93	753	0.33	ng	# 81
9) Naphthalene	10.97	128	3479	0.41	ng	# 96
10) Hexachlorobutadiene	11.26	225	538	0.42	ng	98
11) 2-Methylnaphthalene	12.64	142	2130	0.39	ng	94
15) Acenaphthylene	14.51	152	15737	0.38	ng	100
16) Acenaphthene	14.87	154	2721	0.40	ng	96
17) Fluorene	15.84	166	3306	0.40	ng	99
19) Hexachlorobenzene	16.86	284	1263	0.48	ng	# 90
20) Pentachlorophenol	17.23	266	162	0.41	ng	92
21) Phenanthrene	17.58	178	6325	0.43	ng	# 78
22) Anthracene	17.69	178	5509	0.39	ng	99
23) Fluoranthene	19.59	202	27345	0.40	ng	99
25) Pyrene	19.95	202	28307	0.39	ng	100
27) Benzo(a)anthracene	21.70	228	62679	0.82	ng	95
28) Chrysene	21.70	228	63051	0.82	ng	# 75
29) Bis(2-ethylhexyl)phthalate	21.61	149	2001	0.45	ng	# 76
30) Indeno(1,2,3-cd)pyrene	26.57	276	29846	0.40	ng	97
32) Benzo(b)fluoranthene	23.35	252	6533	0.35	ng	98
33) Benzo(k)fluoranthene	23.39	252	7729	0.40	ng	96
34) Benzo(a)pyrene	23.97	252	6456	0.38	ng	97
35) Dibenzo(a,h)anthracene	26.58	278	5994	0.35	ng	# 96
36) Benzo(g,h,i)perylene	27.33	276	26122	0.36	ng	98

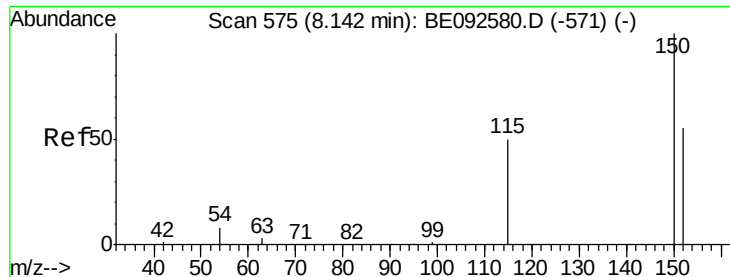
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.14 min Scan# 575

Delta R.T. -0.02 min

Lab File: BE092589.D

Acq: 9 Dec 2016 10:14

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

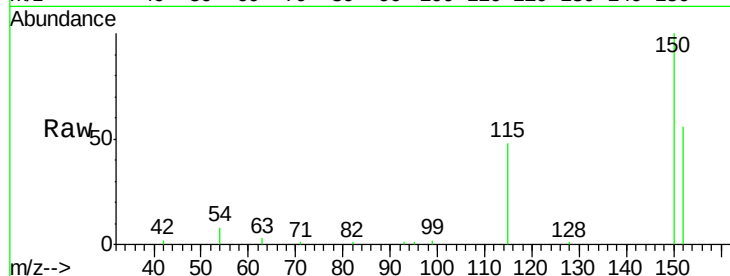
Tgt Ion:152 Resp: 8444

Ion Ratio Lower Upper

152 100

150 179.8 106.0 159.0#

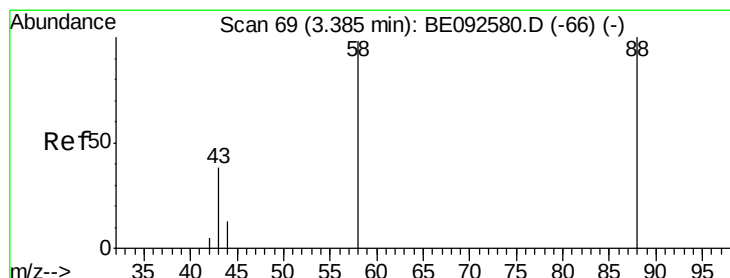
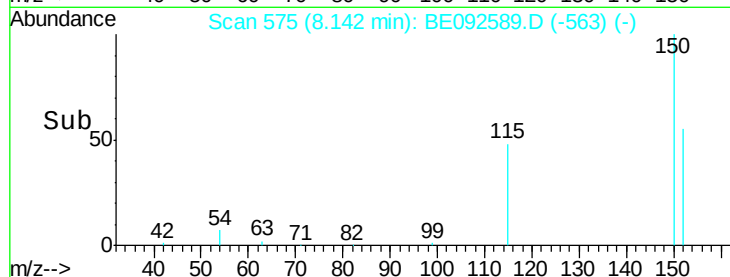
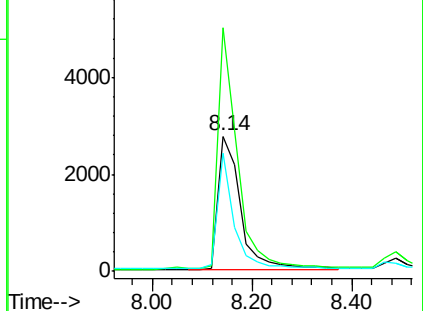
115 86.9 31.2 46.8#



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: 0.43 ng

RT: 3.39 min Scan# 69

Delta R.T. 0.00 min

Lab File: BE092589.D

Acq: 9 Dec 2016 10:14

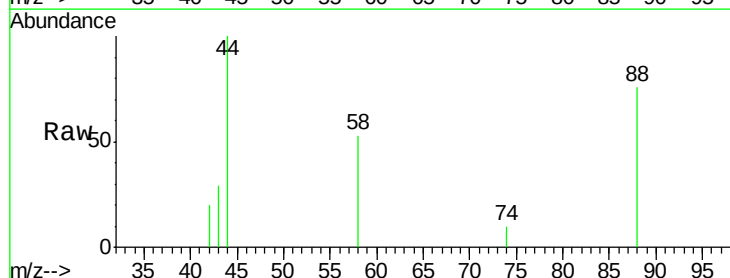
Tgt Ion: 88 Resp: 538

Ion Ratio Lower Upper

88 100

58 71.4 63.6 95.4

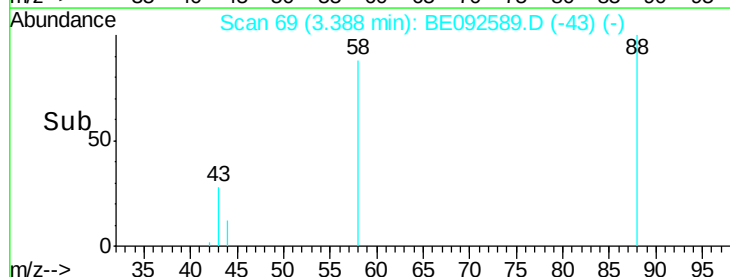
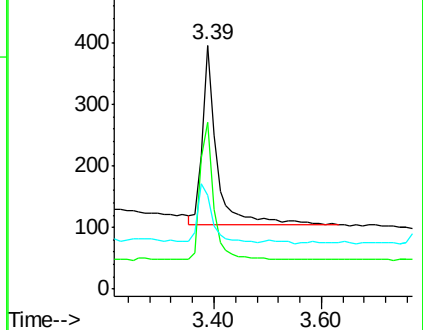
43 31.4 28.0 42.0

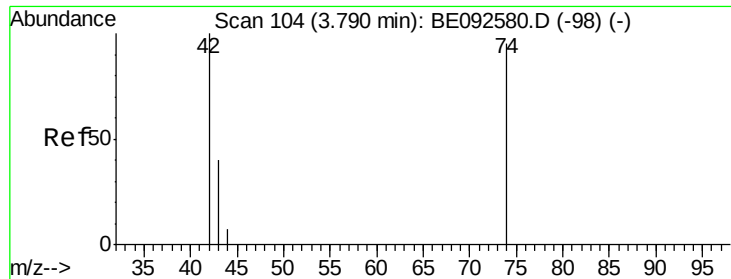


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.44 ng

RT: 3.79 min Scan# 104

Delta R.T. 0.01 min

Lab File: BE092589.D

Acq: 9 Dec 2016 10:14

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

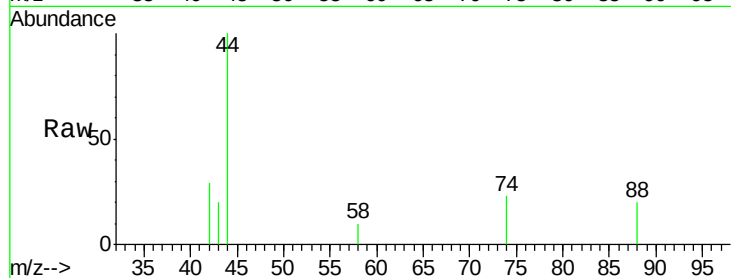
Tgt Ion: 42 Resp: 386

Ion Ratio Lower Upper

42 100

74 96.6 86.0 129.0

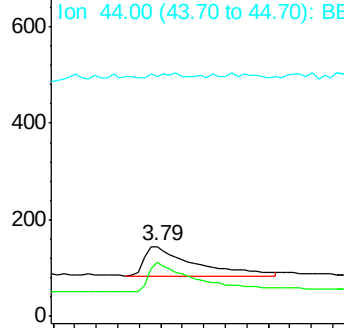
44 0.0 5.1 7.7#



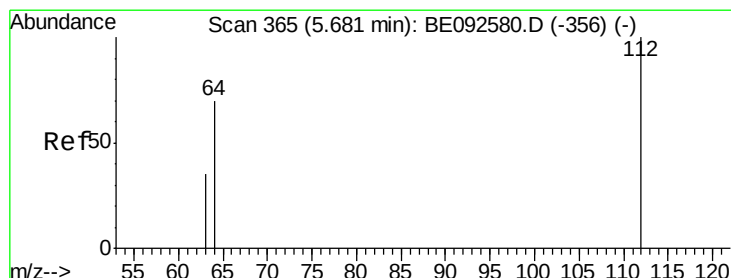
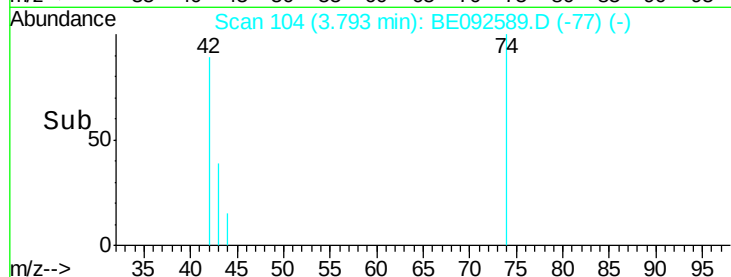
Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0



Time--> 3.60 3.80 4.00



#4

2-Fluorophenol

Concen: 0.33 ng

RT: 5.68 min Scan# 365

Delta R.T. 0.01 min

Lab File: BE092589.D

Acq: 9 Dec 2016 10:14

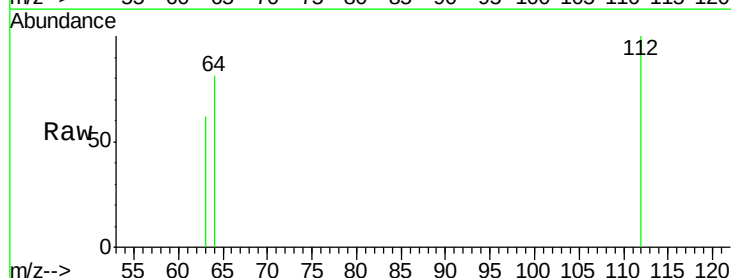
Tgt Ion: 112 Resp: 472

Ion Ratio Lower Upper

112 100

64 66.5 53.5 80.3

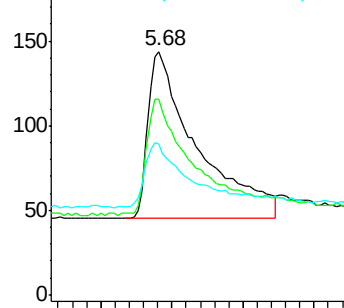
63 39.0 27.9 41.9



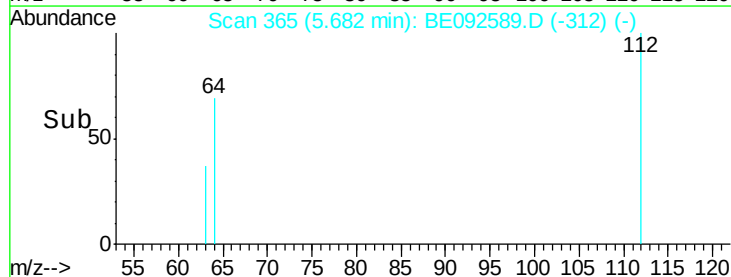
Abundance Ion 112.00 (111.70 to 112.70): E

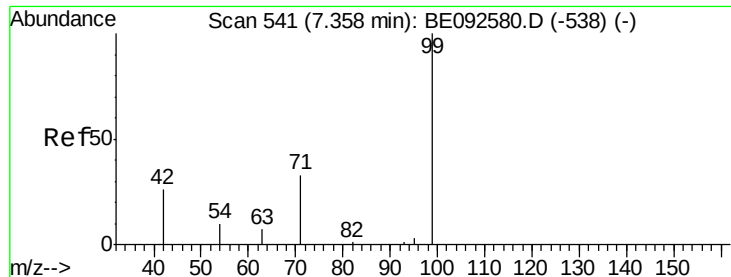
Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



Time--> 5.60 5.70 5.80 5.90





#5

Phenol-d6

Concen: 0.39 ng

RT: 7.36 min Scan# 541

Delta R.T. 0.00 min

Lab File: BE092589.D

Acq: 9 Dec 2016 10:14

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

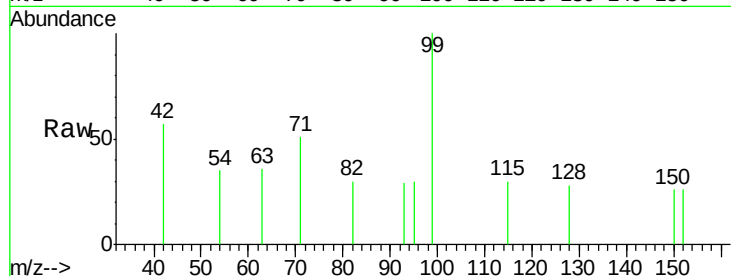
Tgt Ion: 99 Resp: 677

Ion Ratio Lower Upper

99 100

42 0.0 16.0 24.0#

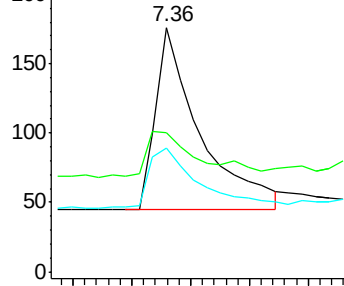
71 37.5 30.6 45.8



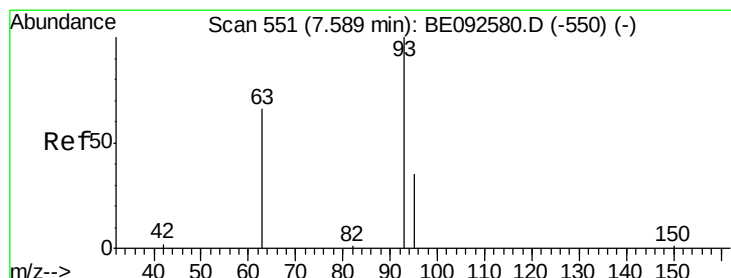
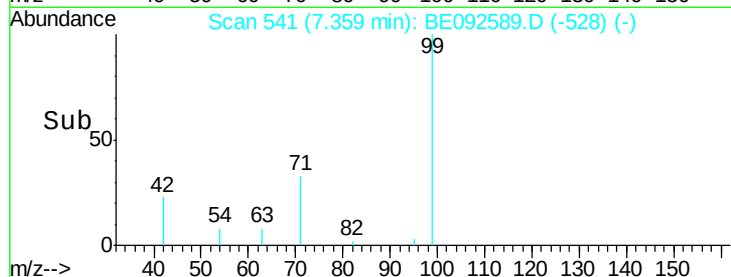
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.33 ng

RT: 7.59 min Scan# 551

Delta R.T. 0.00 min

Lab File: BE092589.D

Acq: 9 Dec 2016 10:14

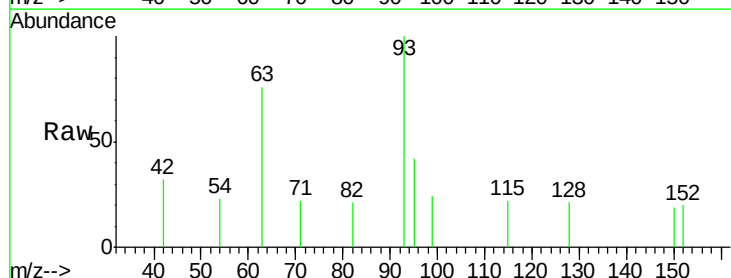
Tgt Ion: 93 Resp: 753

Ion Ratio Lower Upper

93 100

63 66.4 71.6 107.4#

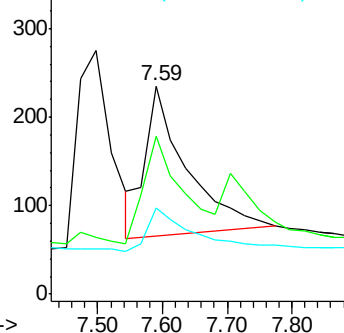
95 27.9 24.0 36.0



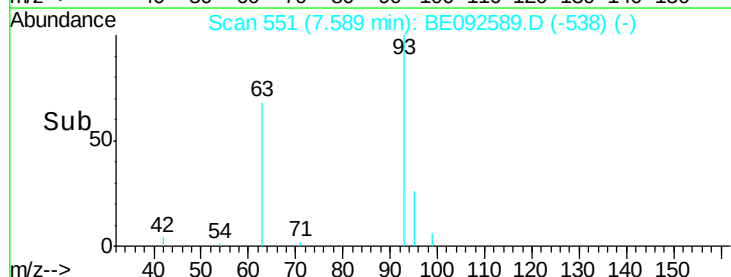
Abundance Ion 93.00 (92.70 to 93.70): BE0

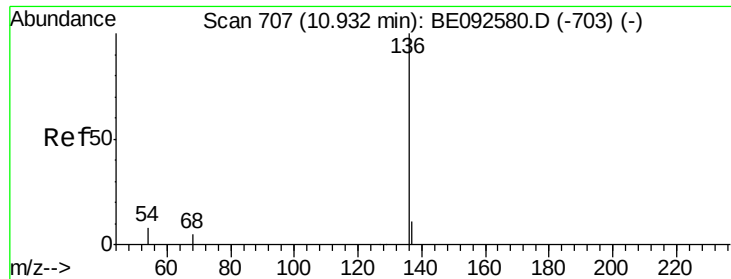
Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0



Time-->





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.93 min Scan# 707

Delta R.T. -0.00 min

Lab File: BE092589.D

Acq: 9 Dec 2016 10:14

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tgt Ion:136 Resp: 41249

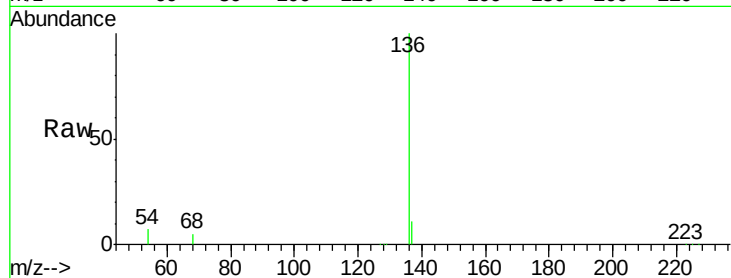
Ion Ratio Lower Upper

136 100

137 11.3 8.2 12.4

54 7.5 9.6 14.4#

68 5.4 6.7 10.1#

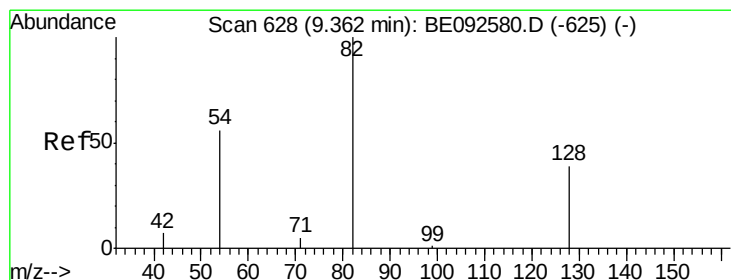
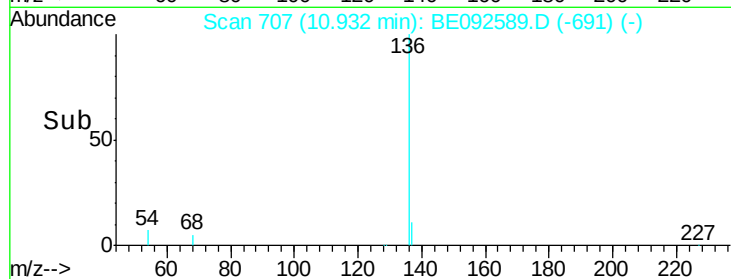
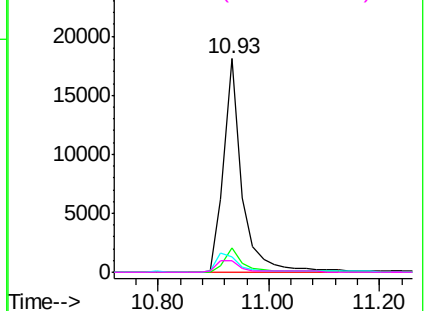


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.39 ng

RT: 9.36 min Scan# 628

Delta R.T. 0.00 min

Lab File: BE092589.D

Acq: 9 Dec 2016 10:14

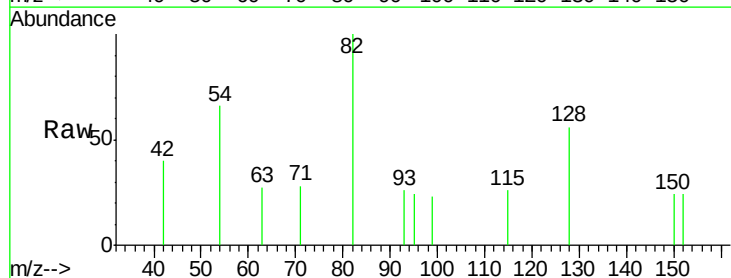
Tgt Ion: 82 Resp: 850

Ion Ratio Lower Upper

82 100

128 56.4 39.0 58.4

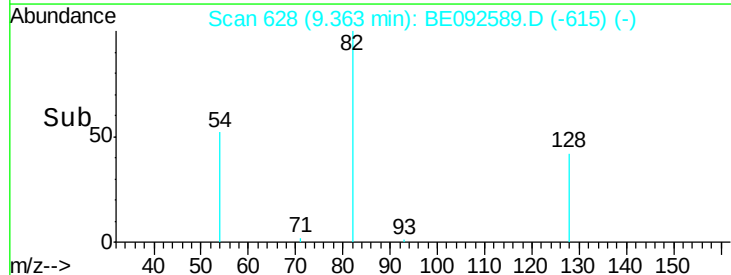
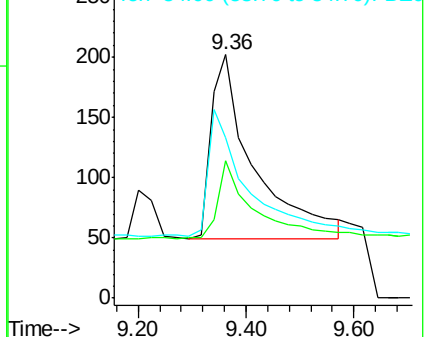
54 65.8 44.8 67.2

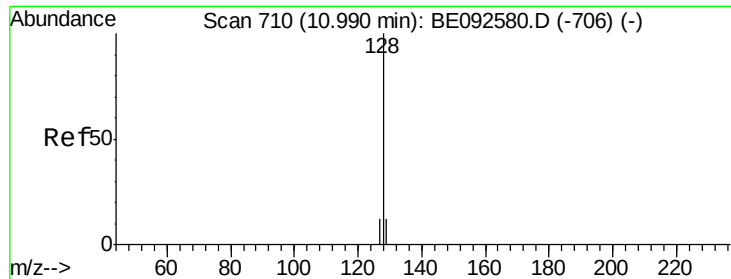


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.41 ng

RT: 10.97 min Scan# 709

Delta R.T. -0.02 min

Lab File: BE092589.D

Acq: 9 Dec 2016 10:14

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

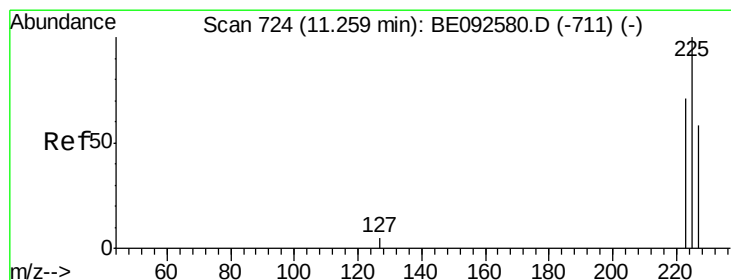
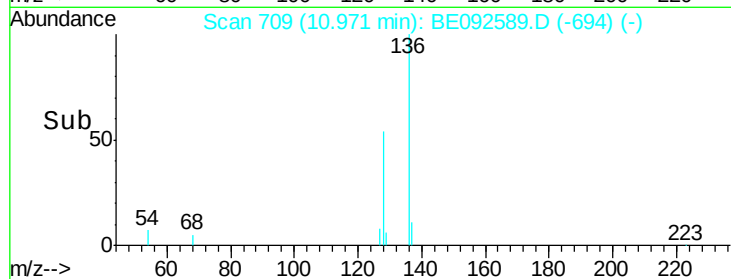
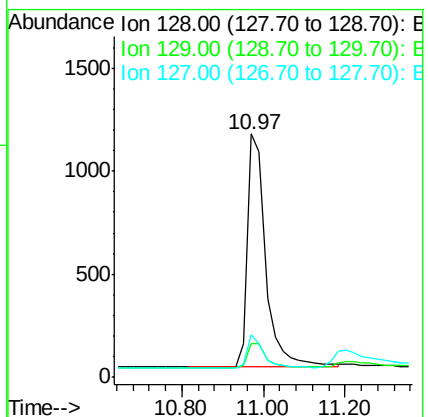
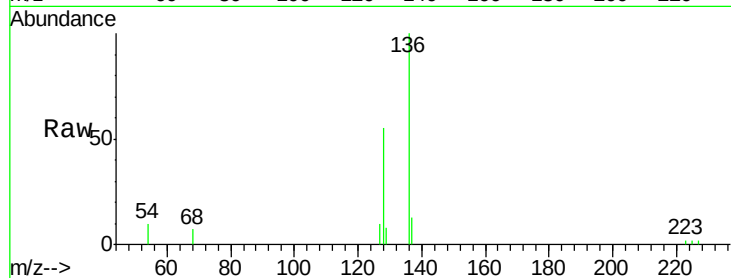
Tgt Ion:128 Resp: 3479

Ion Ratio Lower Upper

128 100

129 13.9 11.2 16.8

127 17.4 11.6 17.4#



#10

Hexachlorobutadiene

Concen: 0.42 ng

RT: 11.26 min Scan# 724

Delta R.T. -0.00 min

Lab File: BE092589.D

Acq: 9 Dec 2016 10:14

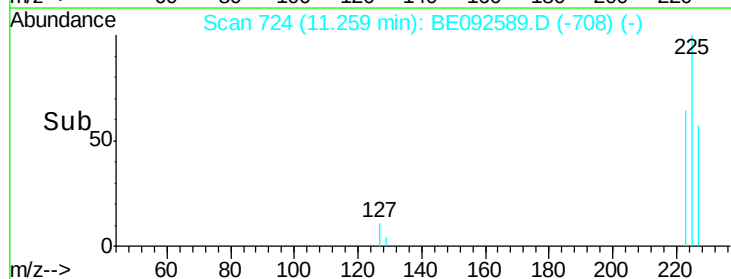
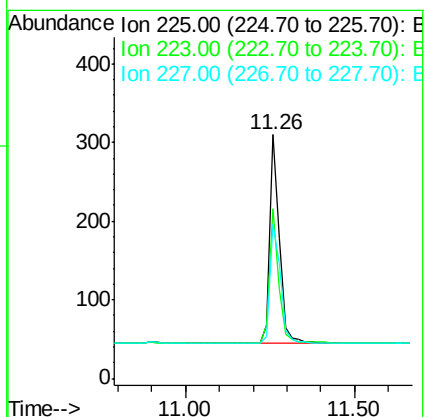
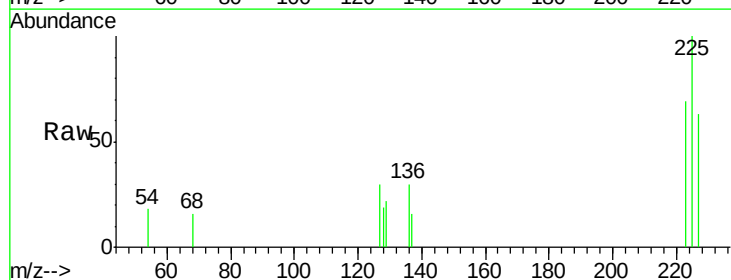
Tgt Ion:225 Resp: 538

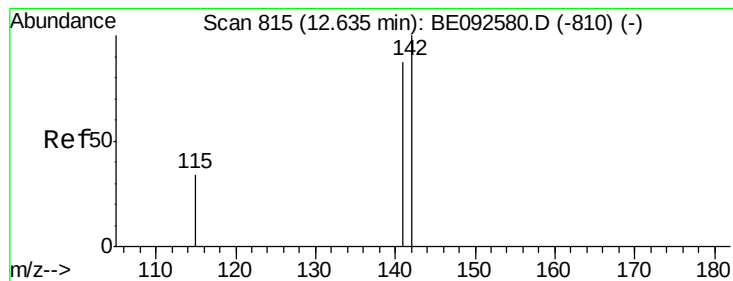
Ion Ratio Lower Upper

225 100

223 60.8 50.6 76.0

227 63.0 51.4 77.0





#11

2-Methylnaphthalene

Concen: 0.39 ng

RT: 12.64 min Scan# 815

Delta R.T. -0.00 min

Lab File: BE092589.D

Acq: 9 Dec 2016 10:14

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

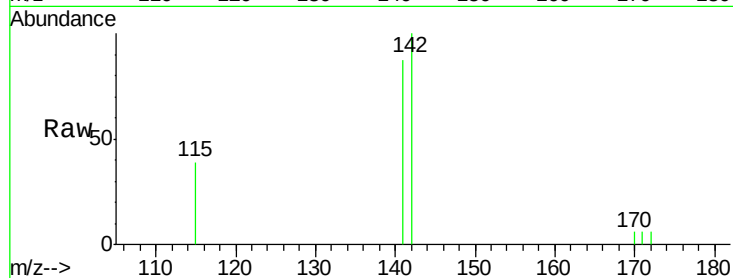
Tgt Ion:142 Resp: 2130

Ion Ratio Lower Upper

142 100

141 86.9 73.7 110.5

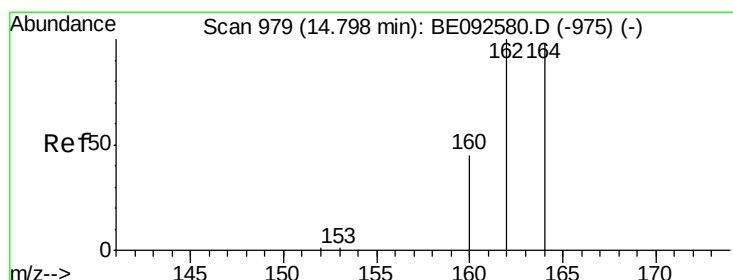
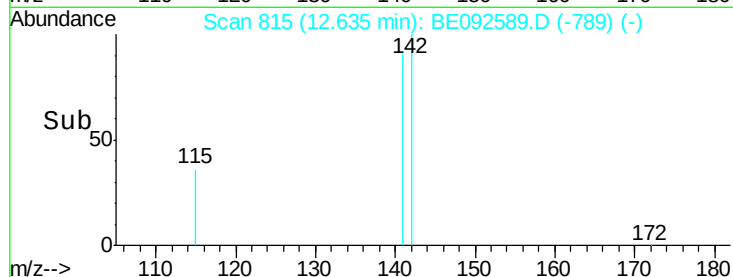
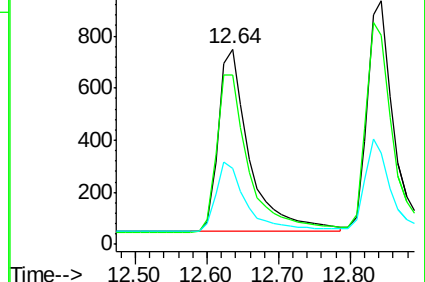
115 38.7 34.0 51.0



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# 979

Delta R.T. 0.00 min

Lab File: BE092589.D

Acq: 9 Dec 2016 10:14

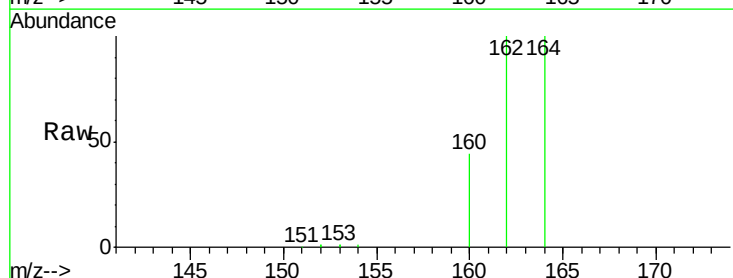
Tgt Ion:164 Resp: 29599

Ion Ratio Lower Upper

164 100

162 99.6 71.4 107.0

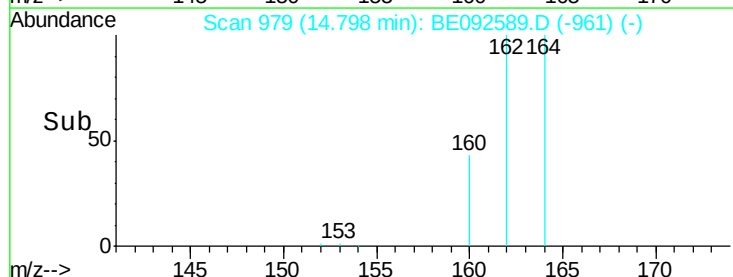
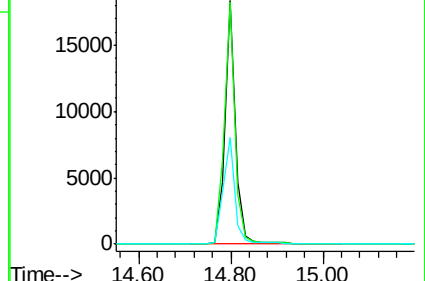
160 43.6 27.4 41.2#

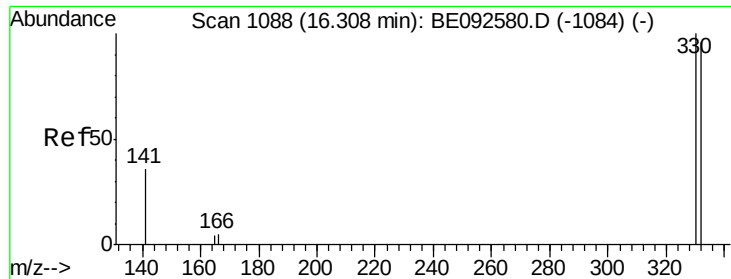


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

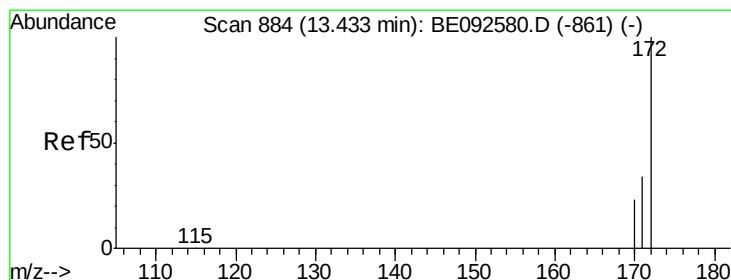
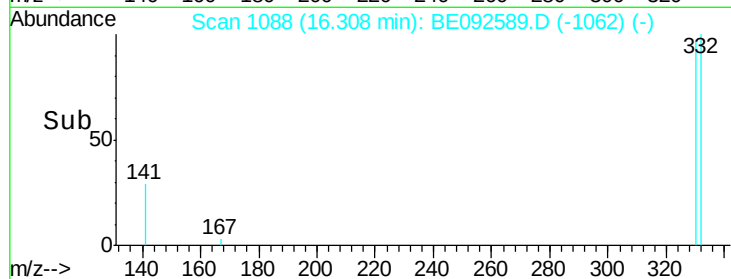
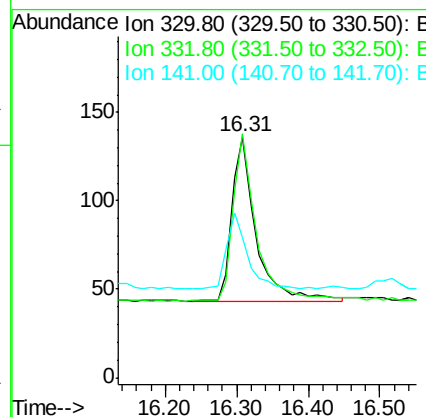
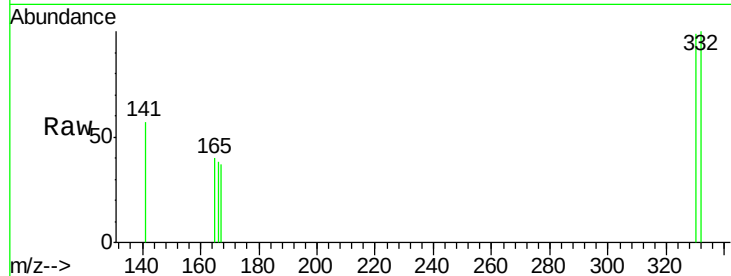




#13
 2,4,6-Tribromophenol
 Concen: 0.33 ng
 RT: 16.31 min Scan# 1088
 Delta R.T. 0.00 min
 Lab File: BE092589.D
 Acq: 9 Dec 2016 10:14

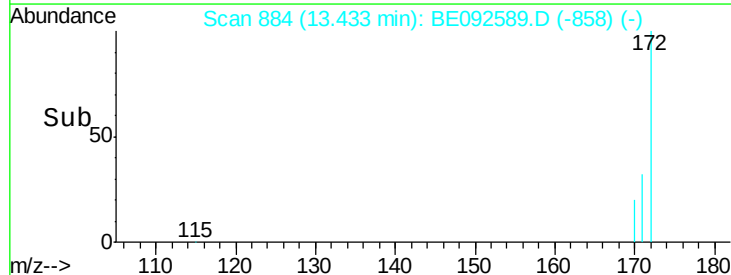
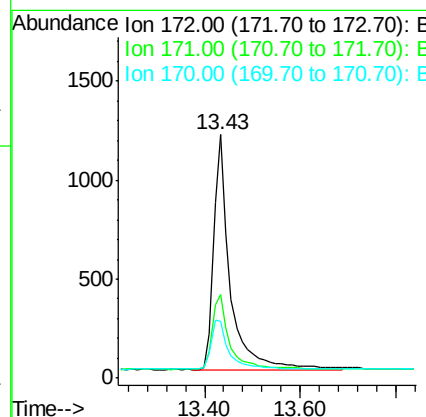
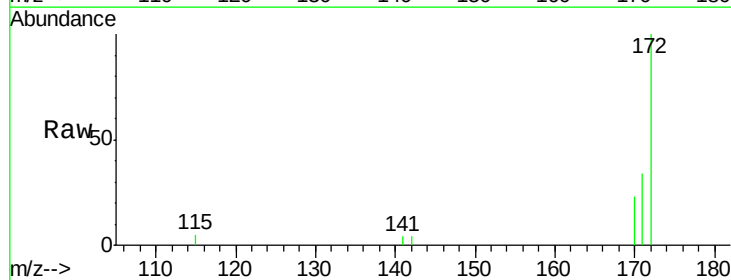
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

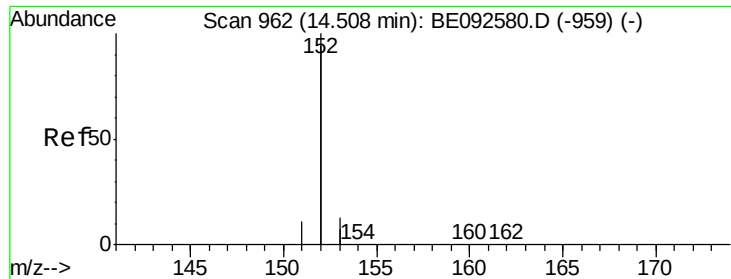
Tgt Ion: 330 Resp: 219
 Ion Ratio Lower Upper
 330 100
 332 101.4 75.4 113.0
 141 39.7 31.0 46.6



#14
 2-Fluorobiphenyl
 Concen: 0.40 ng
 RT: 13.43 min Scan# 884
 Delta R.T. -0.00 min
 Lab File: BE092589.D
 Acq: 9 Dec 2016 10:14

Tgt Ion: 172 Resp: 2858
 Ion Ratio Lower Upper
 172 100
 171 34.4 30.1 45.1
 170 23.2 21.8 32.6

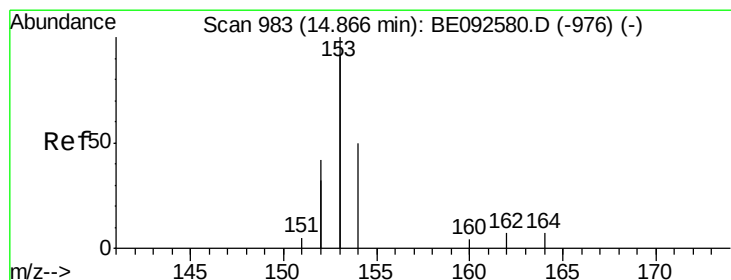
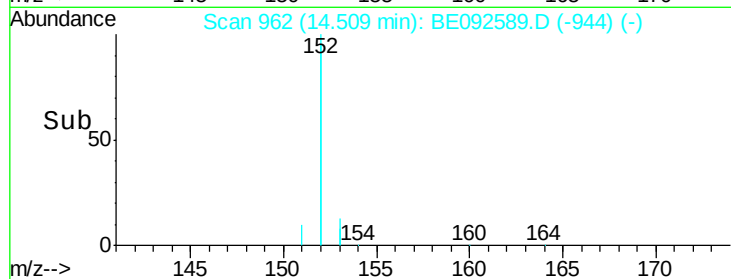
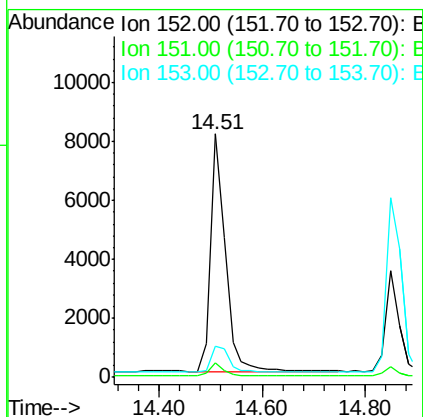
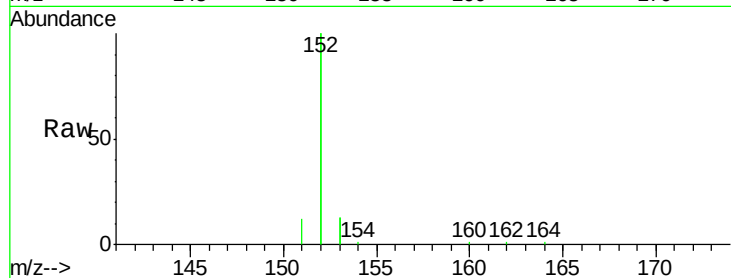




#15
Acenaphthylene
Concen: 0.38 ng
RT: 14.51 min Scan# 962
Delta R.T. 0.00 min
Lab File: BE092589.D
Acq: 9 Dec 2016 10:14

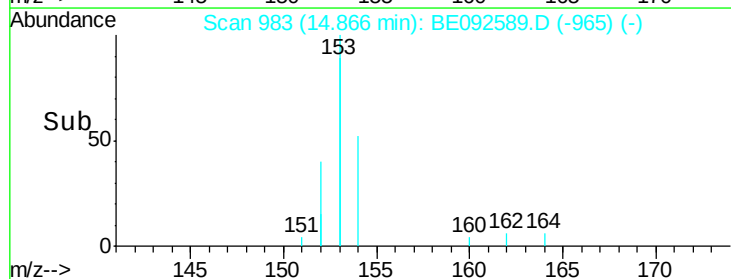
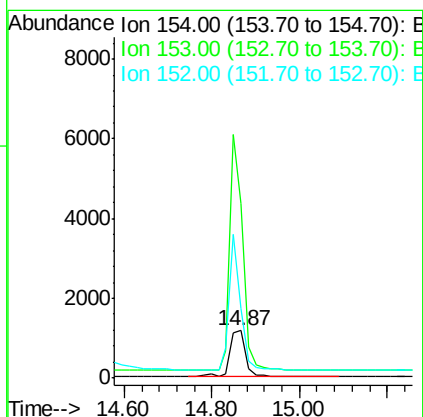
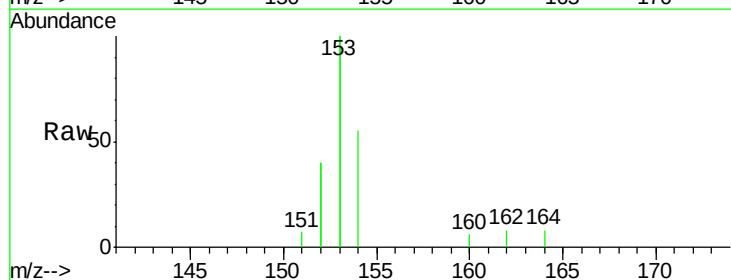
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

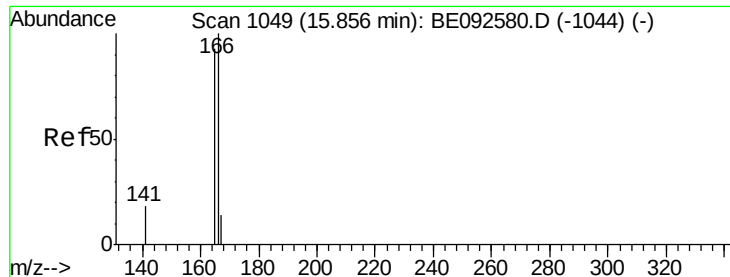
Tgt Ion:152 Resp: 15737
Ion Ratio Lower Upper
152 100
151 5.0 3.9 5.9
153 13.1 10.4 15.6



#16
Acenaphthene
Concen: 0.40 ng
RT: 14.87 min Scan# 983
Delta R.T. 0.00 min
Lab File: BE092589.D
Acq: 9 Dec 2016 10:14

Tgt Ion:154 Resp: 2721
Ion Ratio Lower Upper
154 100
153 434.2 350.8 526.2
152 225.8 171.1 256.7

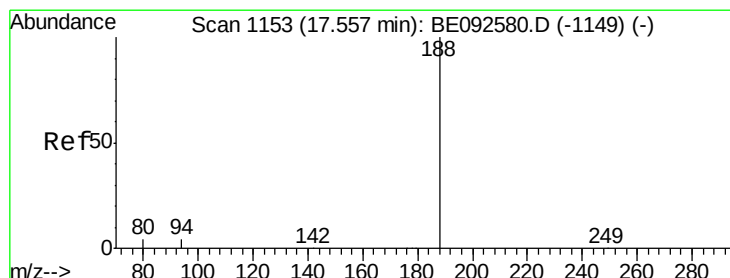
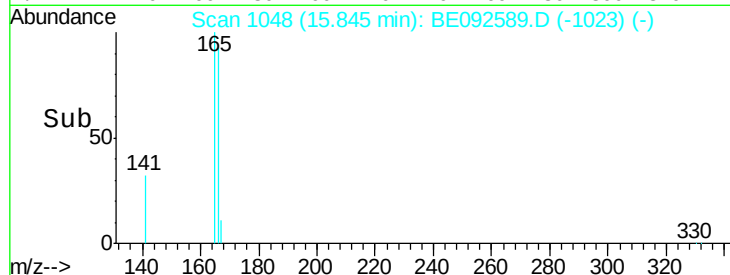
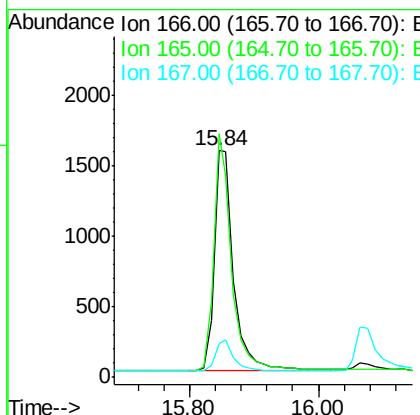
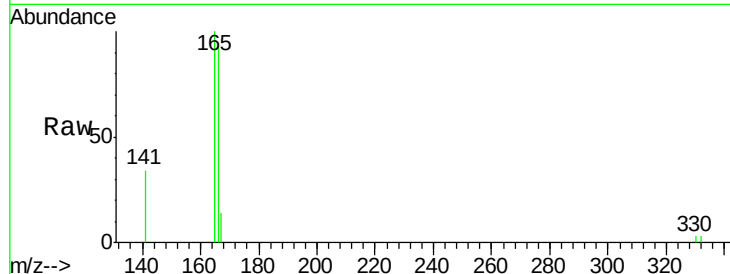




#17
Fluorene
 Concen: 0.40 ng
 RT: 15.84 min Scan# 1048
 Delta R.T. -0.01 min
 Lab File: BE092589.D
 Acq: 9 Dec 2016 10:14

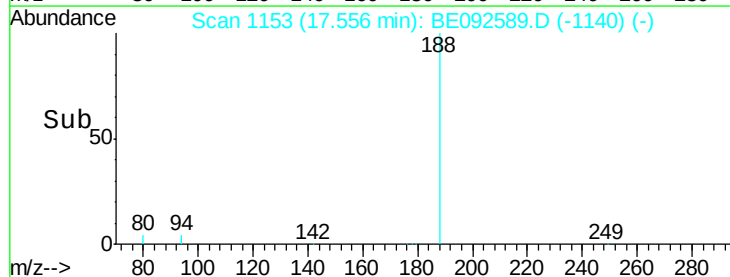
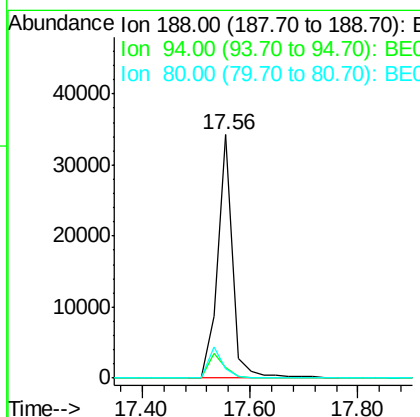
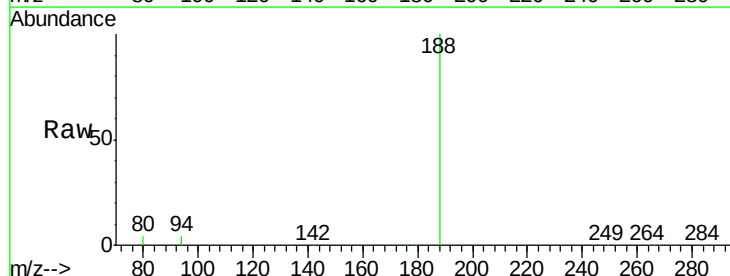
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

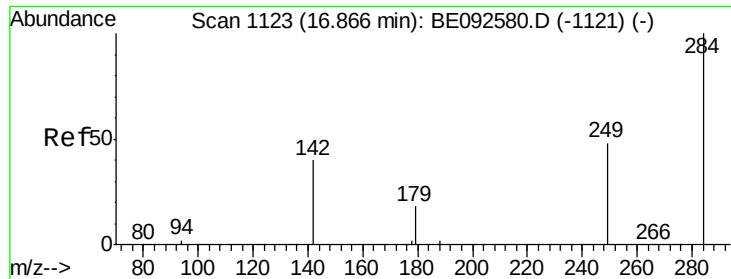
Tgt Ion:166 Resp: 3306
 Ion Ratio Lower Upper
 166 100
 165 98.5 78.2 117.4
 167 13.5 11.0 16.4



#18
Phenanthrene-d10
 Concen: 5.00 ng
 RT: 17.56 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: BE092589.D
 Acq: 9 Dec 2016 10:14

Tgt Ion:188 Resp: 66267
 Ion Ratio Lower Upper
 188 100
 94 4.1 3.2 4.8
 80 3.7 2.6 3.8





#19

Hexachlorobenzene

Concen: 0.48 ng

RT: 16.86 min Scan# 1123

Delta R.T. -0.00 min

Lab File: BE092589.D

Acq: 9 Dec 2016 10:14

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

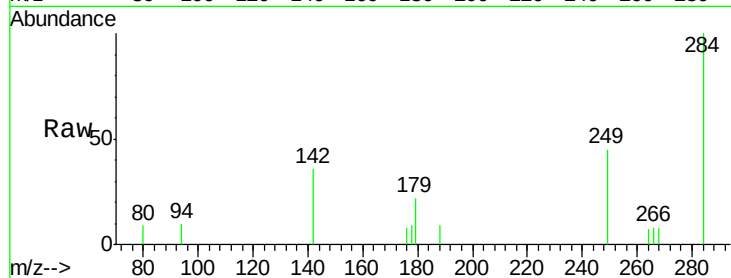
Tgt Ion:284 Resp: 1263

Ion Ratio Lower Upper

284 100

142 40.1 29.1 43.7

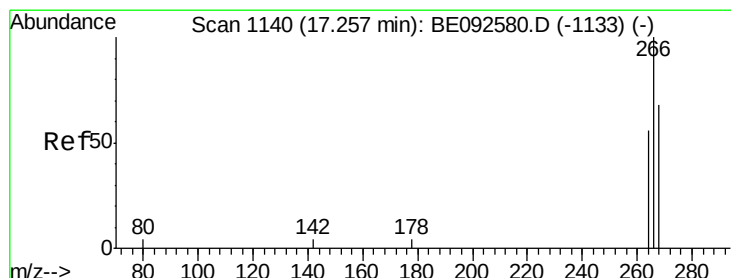
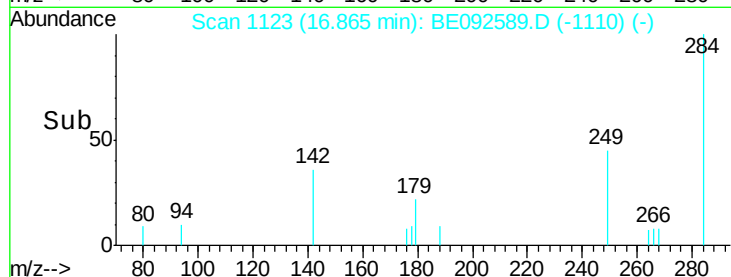
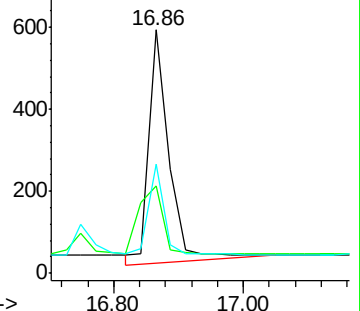
249 43.3 27.9 41.9#



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: 0.41 ng

RT: 17.23 min Scan# 1139

Delta R.T. -0.00 min

Lab File: BE092589.D

Acq: 9 Dec 2016 10:14

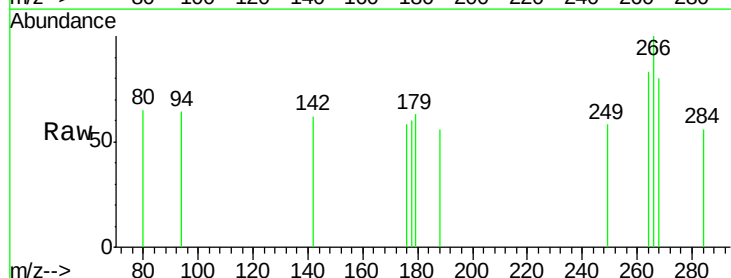
Tgt Ion:266 Resp: 162

Ion Ratio Lower Upper

266 100

268 80.2 62.5 93.7

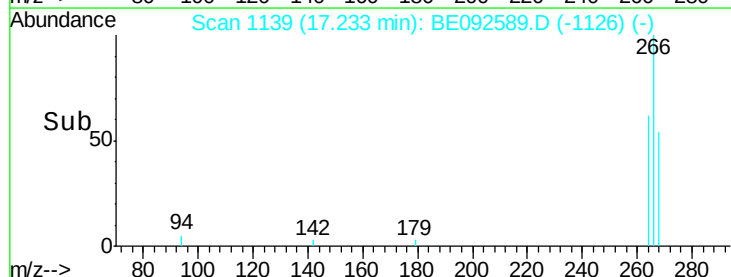
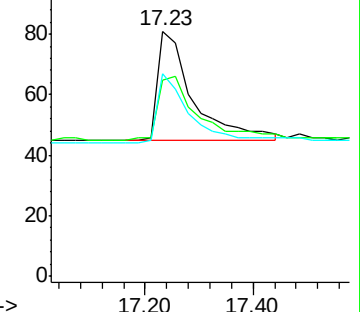
264 82.7 57.2 85.8

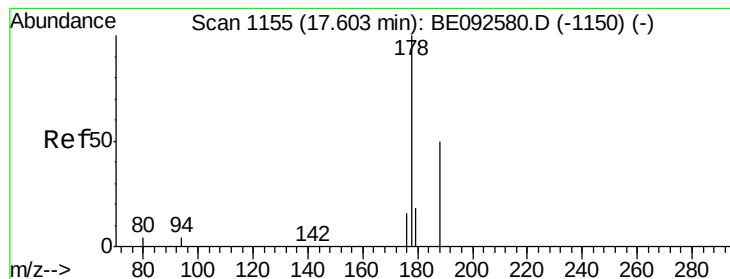


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#21

Phenanthrene

Concen: 0.43 ng

RT: 17.58 min Scan# 1154

Delta R.T. -0.02 min

Lab File: BE092589.D

Acq: 9 Dec 2016 10:14

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

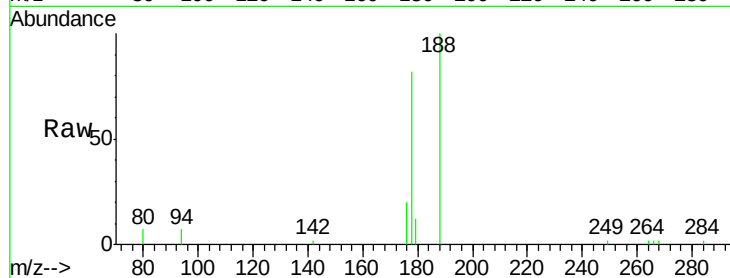
Tgt Ion:178 Resp: 6325

Ion Ratio Lower Upper

178 100

176 19.7 15.8 23.8

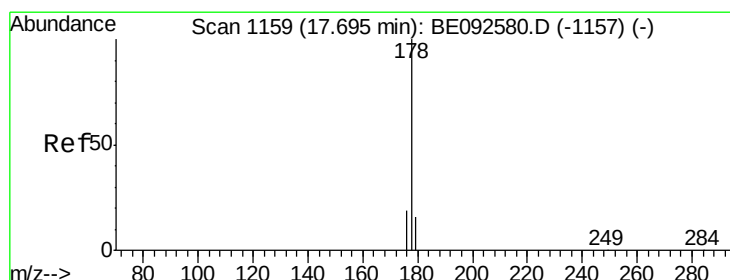
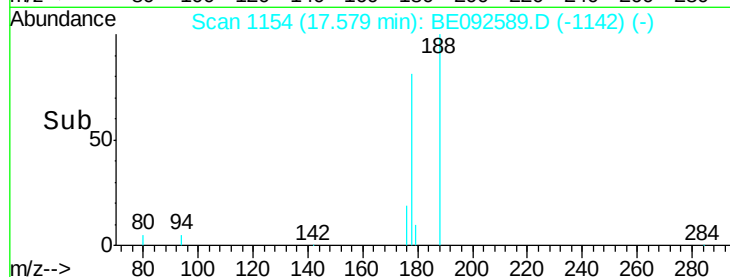
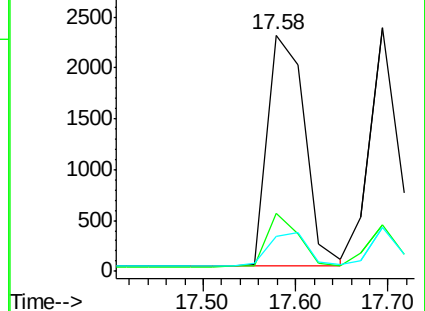
179 0.0 16.0 24.0#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#22

Anthracene

Concen: 0.39 ng

RT: 17.69 min Scan# 1159

Delta R.T. -0.00 min

Lab File: BE092589.D

Acq: 9 Dec 2016 10:14

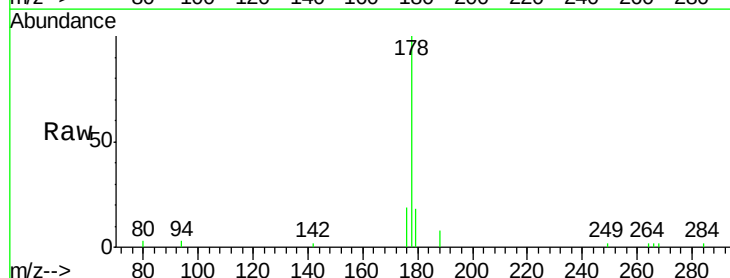
Tgt Ion:178 Resp: 5509

Ion Ratio Lower Upper

178 100

176 18.5 15.0 22.4

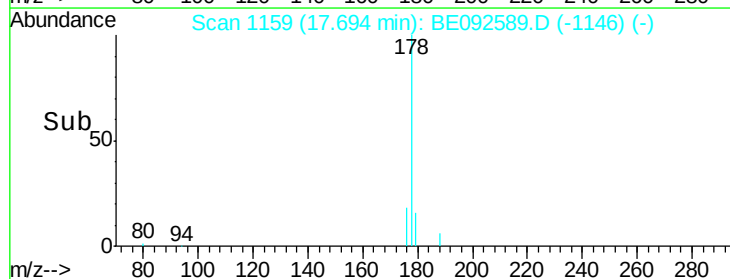
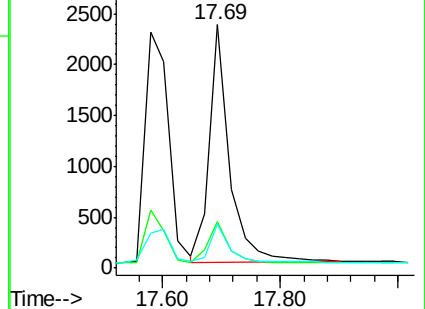
179 16.0 12.2 18.2

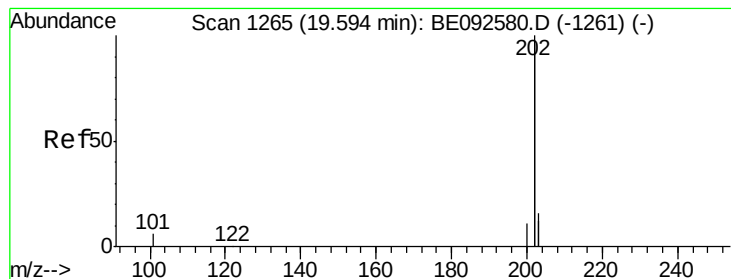


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#23

Fluoranthene

Concen: 0.40 ng

RT: 19.59 min Scan# 1265

Delta R.T. -0.00 min

Lab File: BE092589.D

Acq: 9 Dec 2016 10:14

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

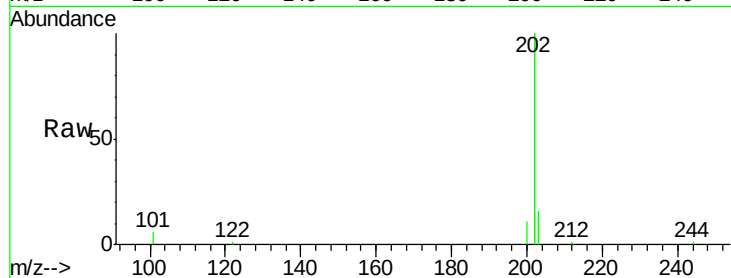
Tgt Ion:202 Resp: 27345

Ion Ratio Lower Upper

202 100

101 2.8 2.2 3.4

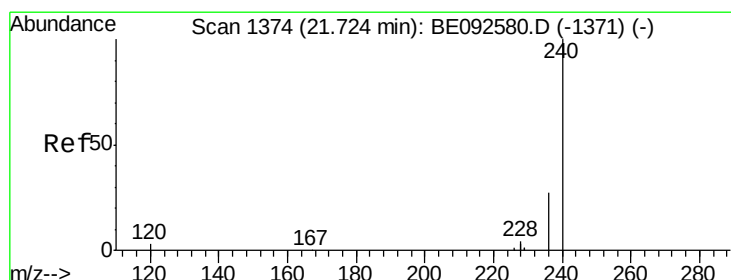
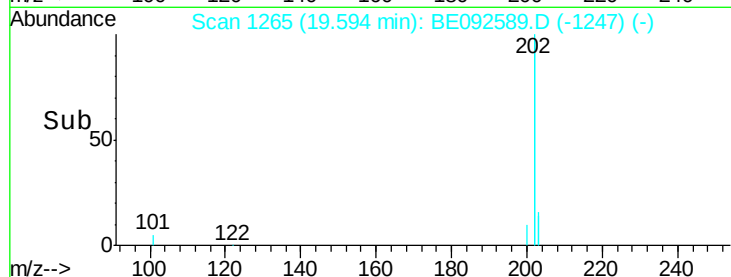
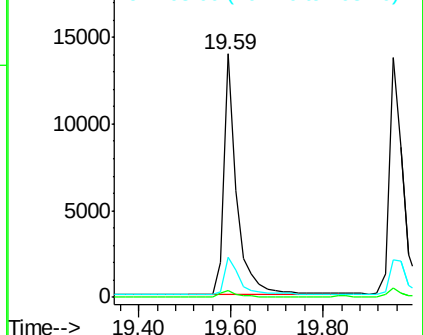
203 17.4 13.7 20.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#24

Chrysene-d12

Concen: 5.00 ng

RT: 21.72 min Scan# 1374

Delta R.T. 0.00 min

Lab File: BE092589.D

Acq: 9 Dec 2016 10:14

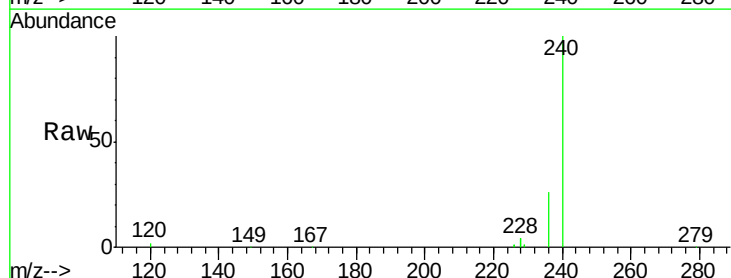
Tgt Ion:240 Resp: 90684

Ion Ratio Lower Upper

240 100

120 2.2 2.6 4.0#

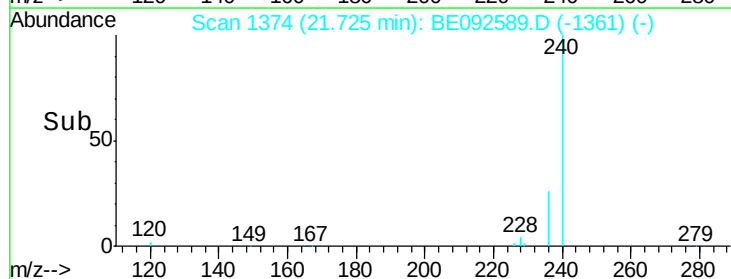
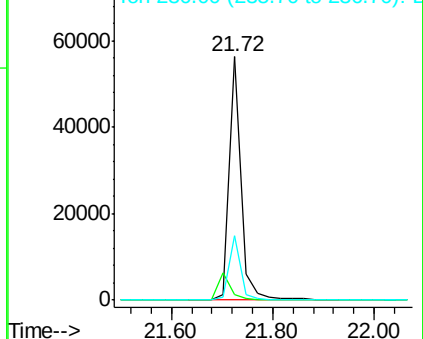
236 26.4 24.6 37.0

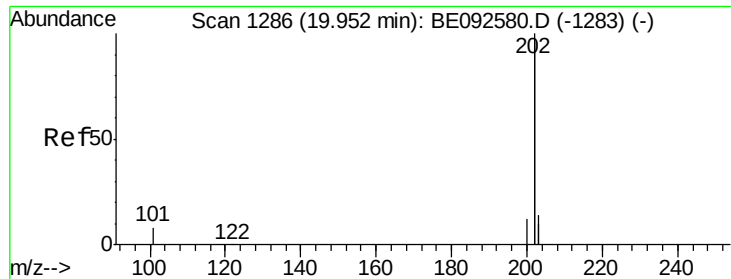


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

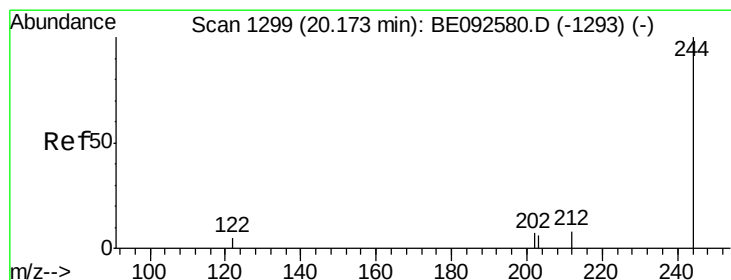
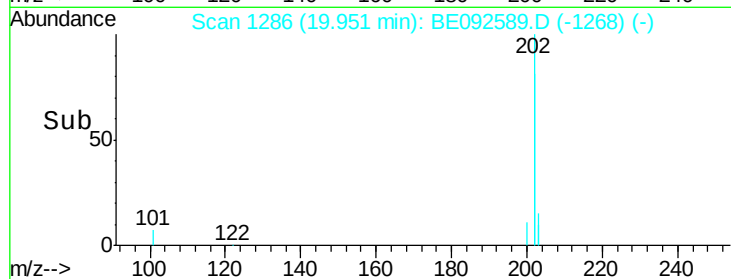
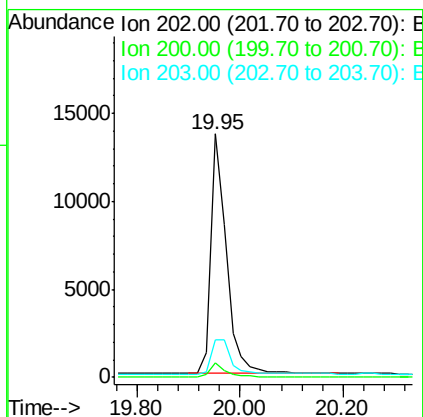
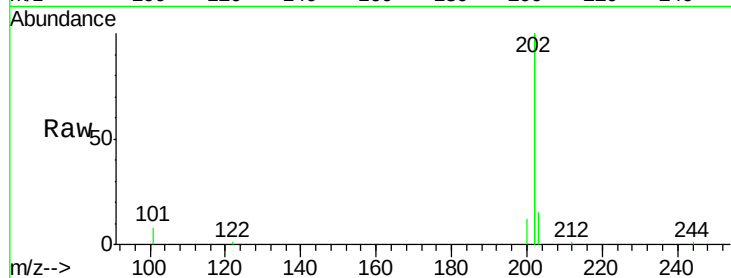




#25
 Pyrene
 Concen: 0.39 ng
 RT: 19.95 min Scan# 1286
 Delta R.T. -0.00 min
 Lab File: BE092589.D
 Acq: 9 Dec 2016 10:14

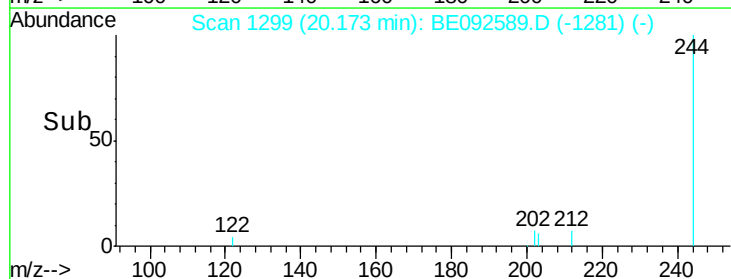
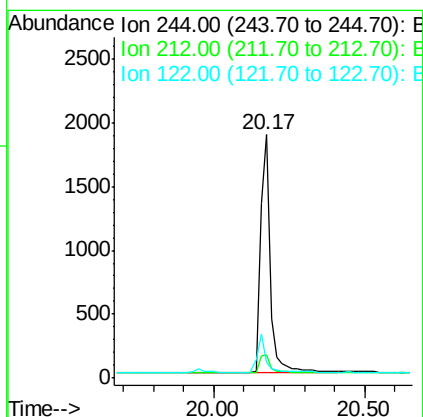
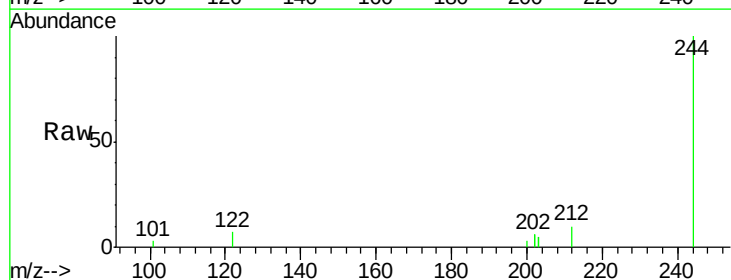
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

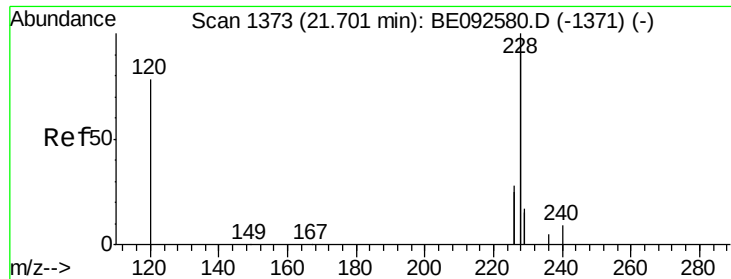
Tgt Ion: 202 Resp: 28307
 Ion Ratio Lower Upper
 202 100
 200 5.3 4.2 6.4
 203 17.5 13.9 20.9



#26
 Terphenyl-d14
 Concen: 0.40 ng
 RT: 20.17 min Scan# 1299
 Delta R.T. -0.00 min
 Lab File: BE092589.D
 Acq: 9 Dec 2016 10:14

Tgt Ion: 244 Resp: 4106
 Ion Ratio Lower Upper
 244 100
 212 9.5 6.7 10.1
 122 6.7 3.6 5.4#

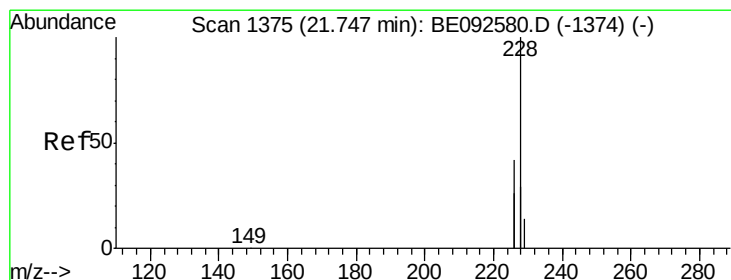
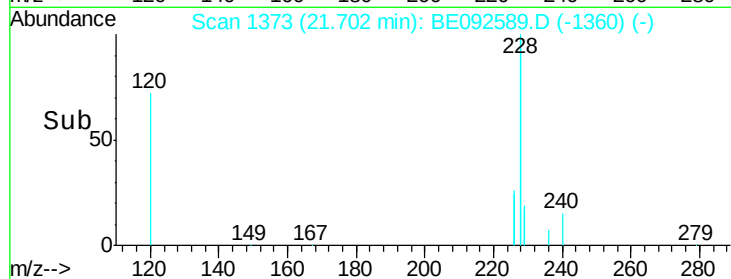
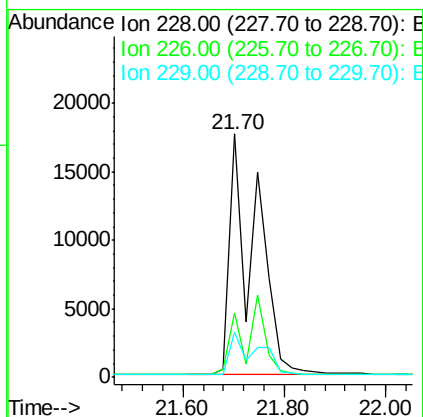
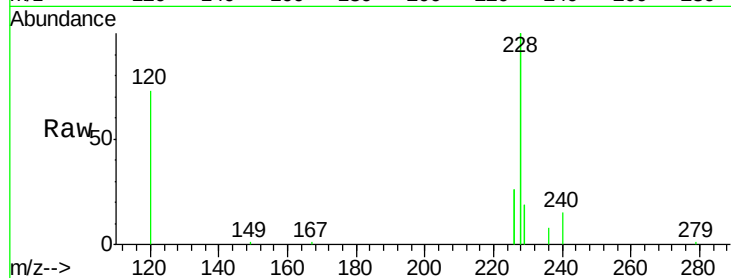




#27
Benzo(a)anthracene
Concen: 0.82 ng
RT: 21.70 min Scan# 1373
Delta R.T. 0.00 min
Lab File: BE092589.D
Acq: 9 Dec 2016 10:14

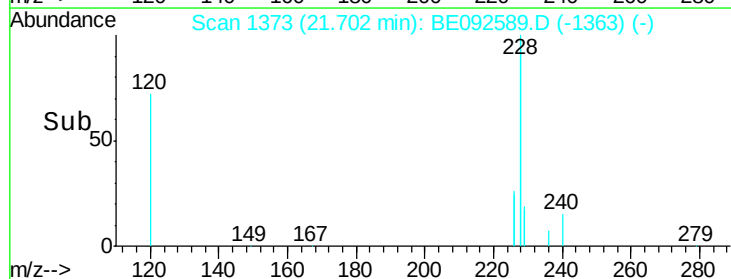
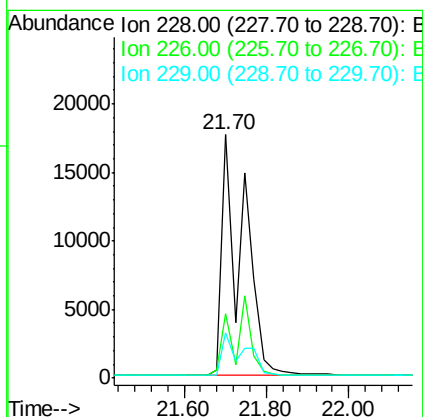
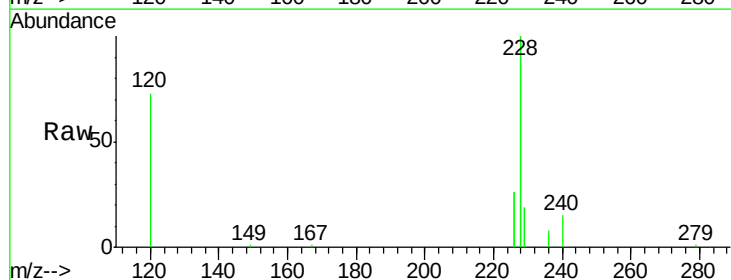
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

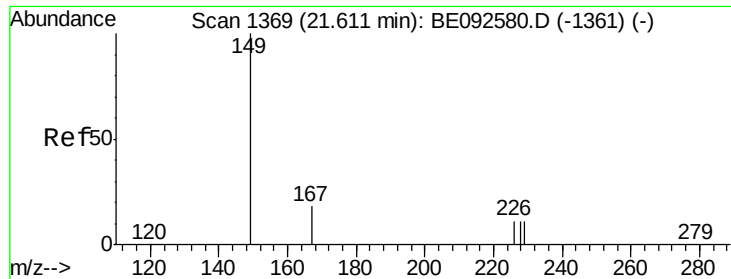
Tgt Ion:228 Resp: 62679
Ion Ratio Lower Upper
228 100
226 26.4 23.6 35.4
229 18.7 13.3 19.9



#28
Chrysene
Concen: 0.82 ng
RT: 21.70 min Scan# 1373
Delta R.T. -0.07 min
Lab File: BE092589.D
Acq: 9 Dec 2016 10:14

Tgt Ion:228 Resp: 63051
Ion Ratio Lower Upper
228 100
226 26.4 36.3 54.5#
229 18.7 10.6 16.0#





#29

Bis(2-ethylhexyl)phthalate

Concen: 0.45 ng

RT: 21.61 min Scan# 1369

Delta R.T. -0.02 min

Lab File: BE092589.D

Acq: 9 Dec 2016 10:14

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

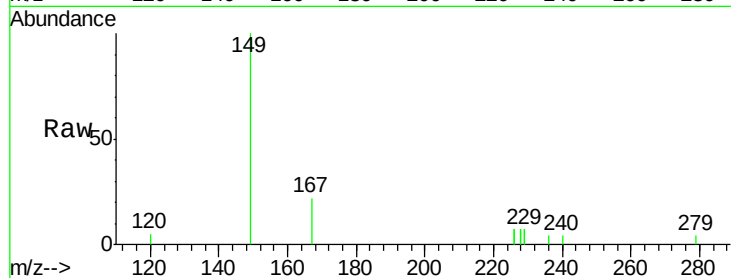
Tgt Ion:149 Resp: 2001

Ion Ratio Lower Upper

149 100

167 22.0 16.0 24.0

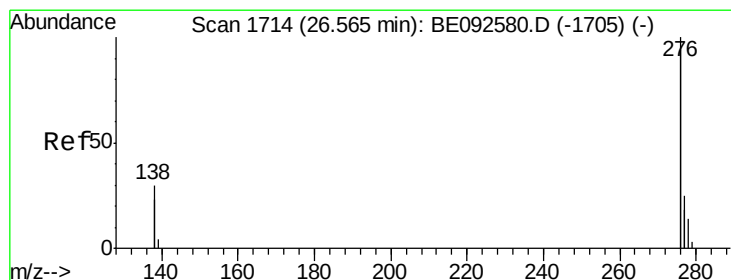
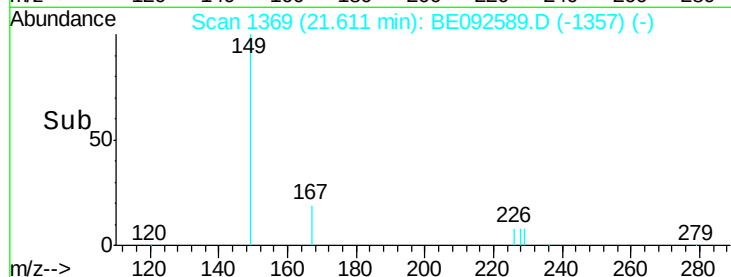
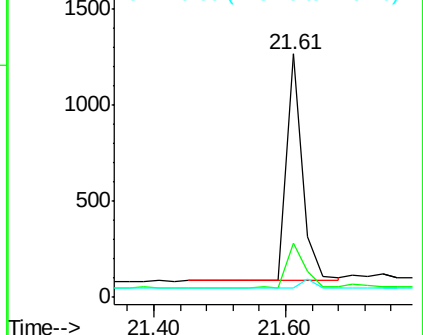
279 0.0 16.0 24.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#30

Indeno(1,2,3-cd)pyrene

Concen: 0.40 ng

RT: 26.57 min Scan# 1714

Delta R.T. 0.00 min

Lab File: BE092589.D

Acq: 9 Dec 2016 10:14

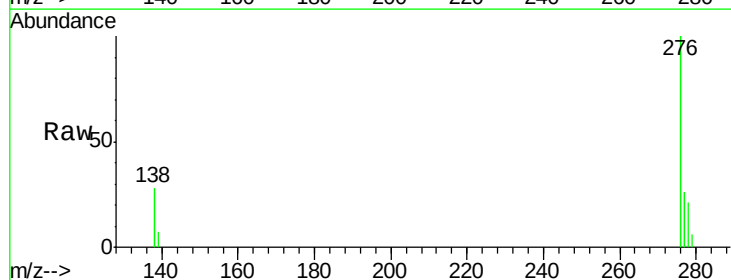
Tgt Ion:276 Resp: 29846

Ion Ratio Lower Upper

276 100

138 27.6 20.3 30.5

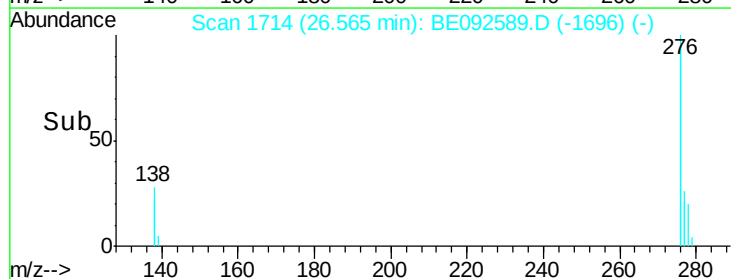
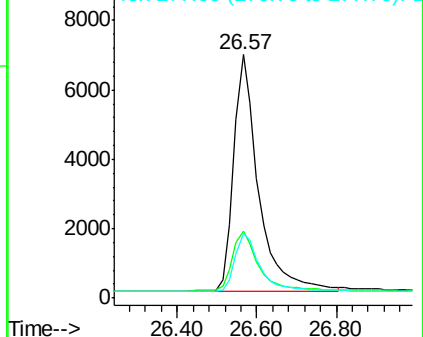
277 25.0 19.7 29.5

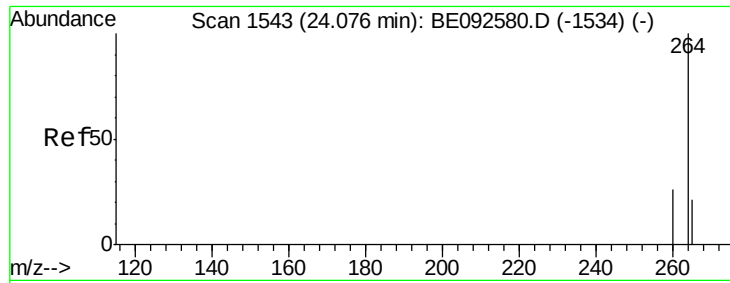


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

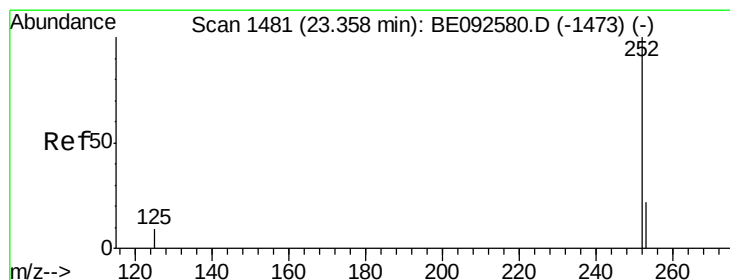
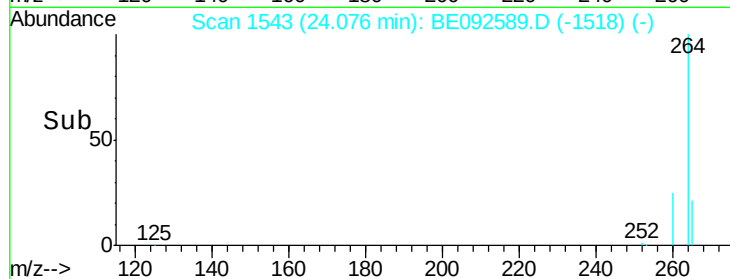
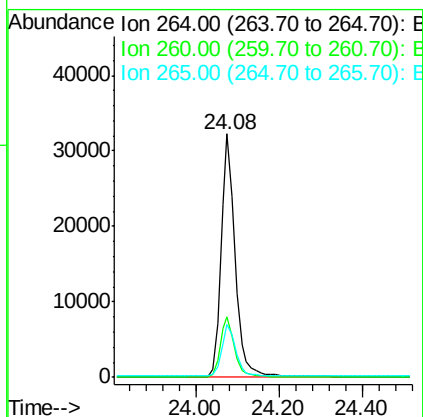
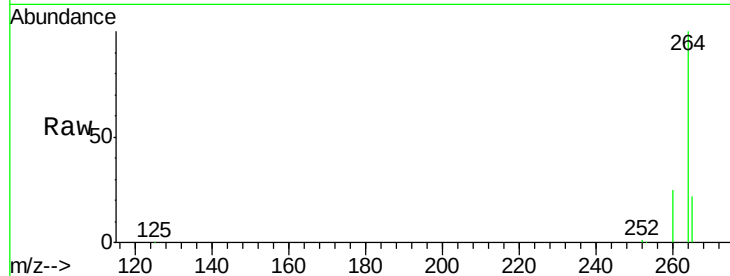




#31
 Perylene-d12
 Concen: 5.00 ng
 RT: 24.08 min Scan# 1543
 Delta R.T. -0.01 min
 Lab File: BE092589.D
 Acq: 9 Dec 2016 10:14

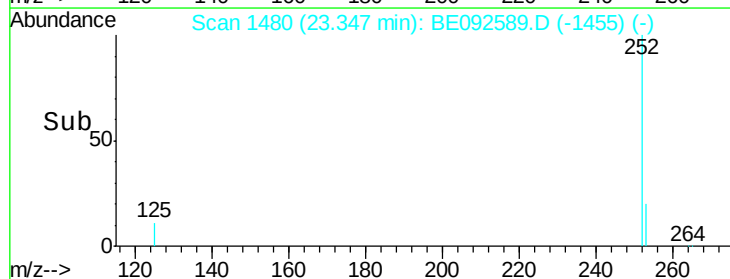
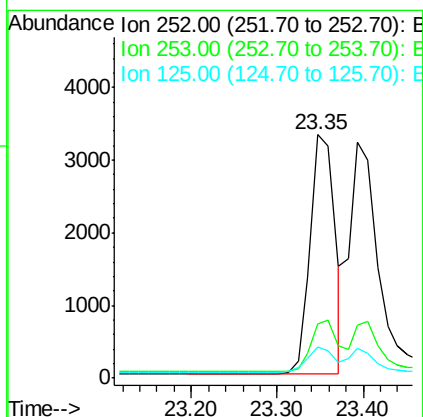
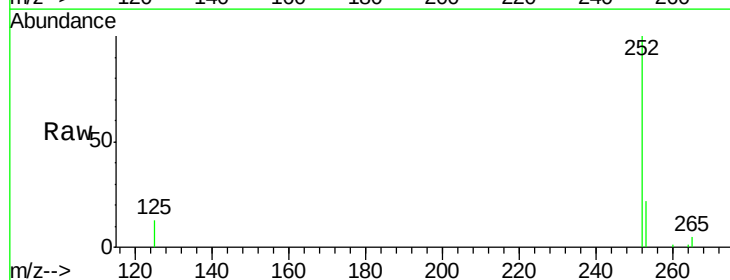
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

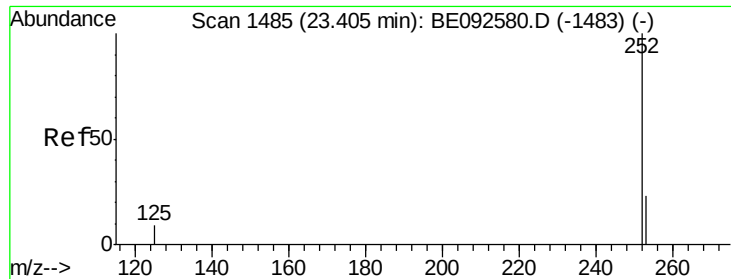
Tgt Ion: 264 Resp: 76295
 Ion Ratio Lower Upper
 264 100
 260 25.0 20.1 30.1
 265 21.7 17.9 26.9



#32
 Benzo(b)fluoranthene
 Concen: 0.35 ng
 RT: 23.35 min Scan# 1480
 Delta R.T. -0.01 min
 Lab File: BE092589.D
 Acq: 9 Dec 2016 10:14

Tgt Ion: 252 Resp: 6533
 Ion Ratio Lower Upper
 252 100
 253 22.3 18.7 28.1
 125 12.8 10.5 15.7





#33

Benzo(k)fluoranthene

Concen: 0.40 ng

RT: 23.39 min Scan# 1484

Delta R.T. -0.01 min

Lab File: BE092589.D

Acq: 9 Dec 2016 10:14

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

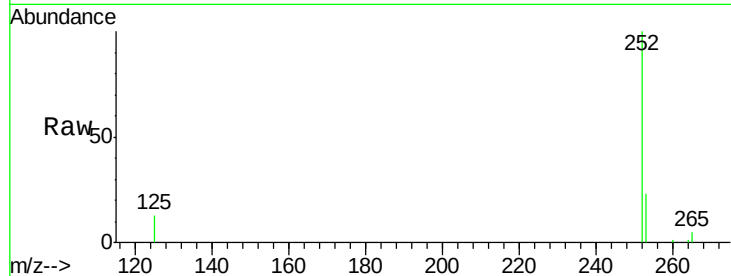
Tgt Ion:252 Resp: 7729

Ion Ratio Lower Upper

252 100

253 22.6 20.3 30.5

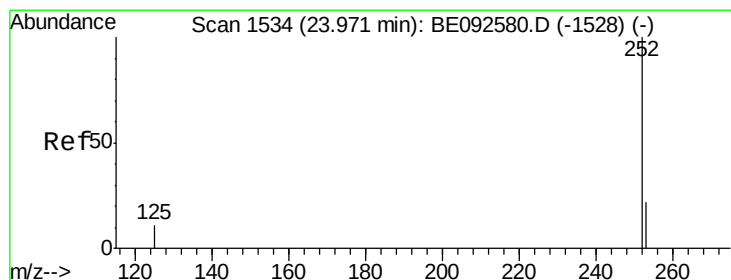
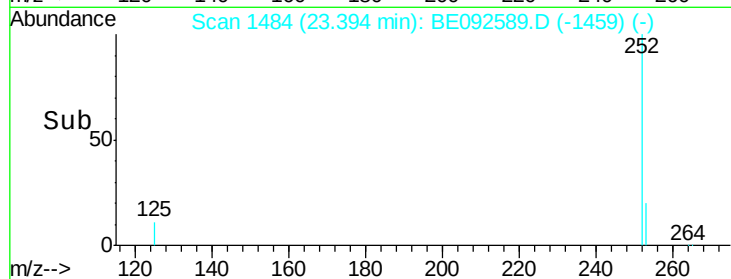
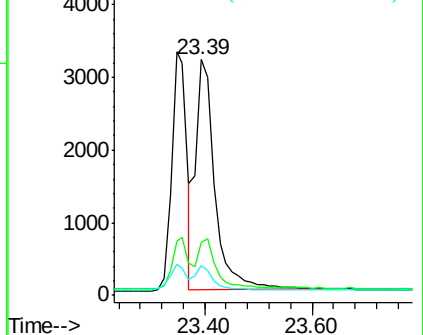
125 12.6 9.6 14.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#34

Benzo(a)pyrene

Concen: 0.38 ng

RT: 23.97 min Scan# 1534

Delta R.T. -0.00 min

Lab File: BE092589.D

Acq: 9 Dec 2016 10:14

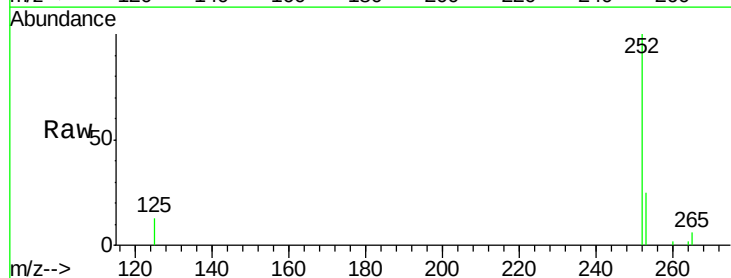
Tgt Ion:252 Resp: 6456

Ion Ratio Lower Upper

252 100

253 25.1 19.0 28.6

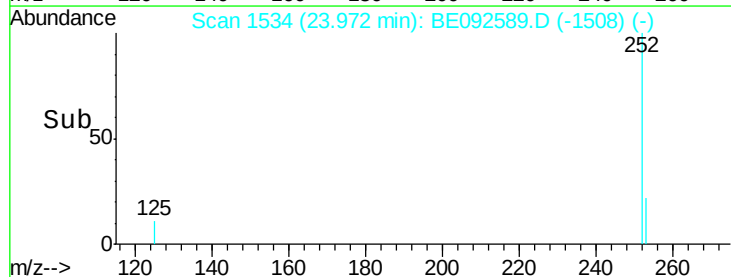
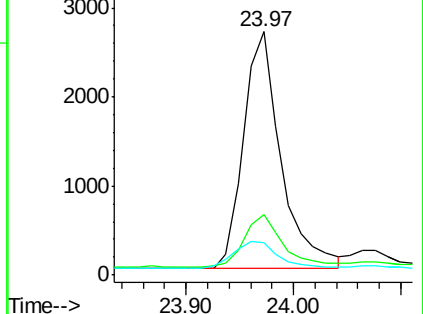
125 13.2 11.8 17.8

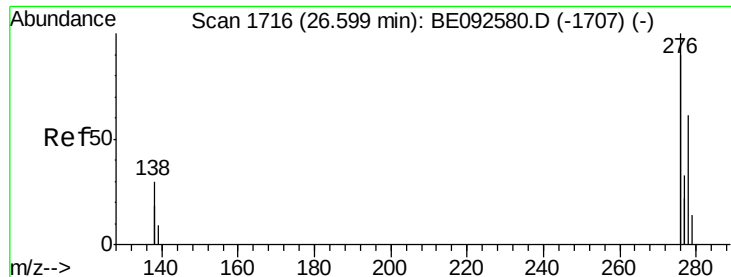


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#35

Dibenzo(a,h)anthracene

Concen: 0.35 ng

RT: 26.58 min Scan# 1715

Delta R.T. -0.02 min

Lab File: BE092589.D

Acq: 9 Dec 2016 10:14

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

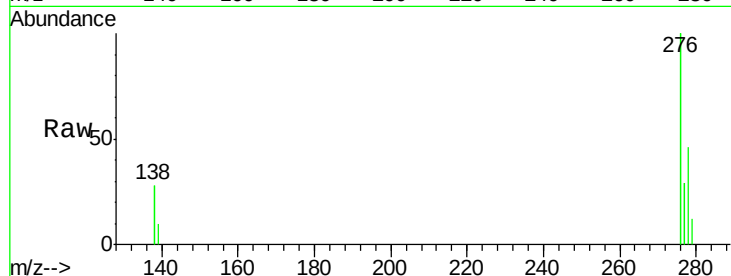
Tgt Ion: 278 Resp: 5994

Ion Ratio Lower Upper

278 100

139 21.0 13.8 20.8#

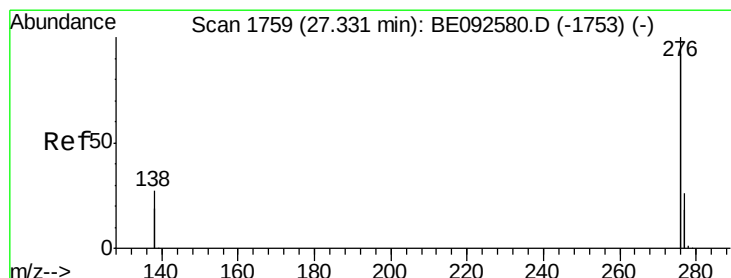
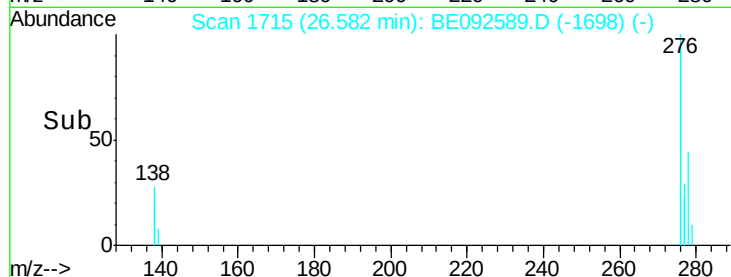
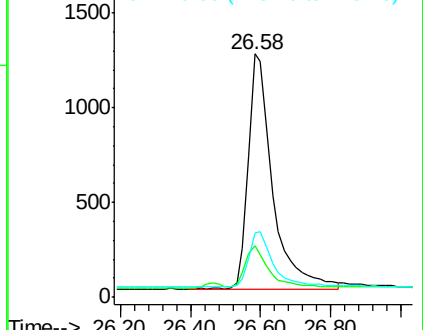
279 26.3 21.4 32.2



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#36

Benzo(g,h,i)perylene

Concen: 0.36 ng

RT: 27.33 min Scan# 1759

Delta R.T. 0.00 min

Lab File: BE092589.D

Acq: 9 Dec 2016 10:14

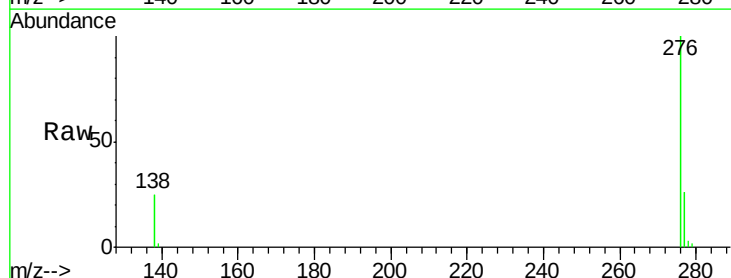
Tgt Ion: 276 Resp: 26122

Ion Ratio Lower Upper

276 100

277 25.9 19.8 29.8

138 25.3 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

