

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE080816\
 Data File : BE092232.D
 Acq On : 9 Aug 2016 1:14
 Operator : UM/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Aug 09 02:44:37 2016
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-PAH-BE080216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 08 18:55:30 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	11008	5.00	ng	0.00
6) Naphthalene-d8	10.98	136	53646	5.00	ng	-0.01
10) Acenaphthene-d10	14.83	164	30651	5.00	ng	-0.02
16) Phenanthrene-d10	17.56	188	66957	5.00	ng	-0.02
22) Chrysene-d12	21.75	240	76418	5.00	ng	0.00
28) Perylene-d12	24.14	264	74130	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.71	112	985	0.35	ng	0.01
5) Phenol-d6	7.36	99	1312	0.35	ng	0.01
7) Nitrobenzene-d5	9.35	82	1381	0.33	ng	0.00
11) 2,4,6-Tribromophenol	16.33	330	336	0.34	ng	0.00
12) 2-Fluorobiphenyl	13.46	172	3754	0.39	ng	0.00
24) Terphenyl-d14	20.19	244	4605	0.42	ng	-0.02

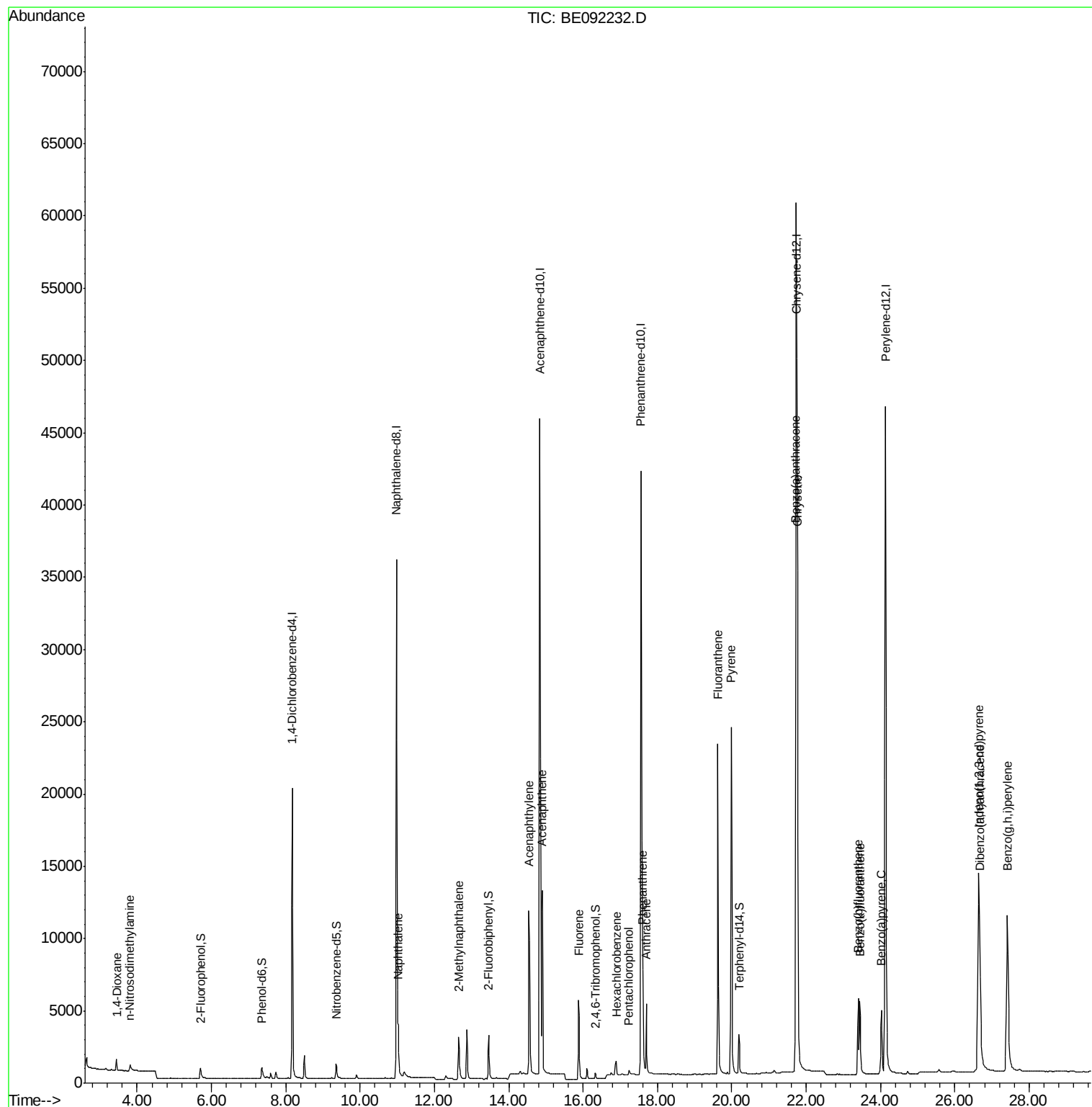
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.44	88	590	0.39	ng	97
3) n-Nitrosodimethylamine	3.80	42	670	0.41	ng	# 95
8) Naphthalene	11.03	128	4775	0.40	ng	99
9) 2-Methylnaphthalene	12.65	142	3003	0.41	ng	92
13) Acenaphthylene	14.54	152	20516	0.38	ng	98
14) Acenaphthene	14.90	154	3347	0.39	ng	97
15) Fluorene	15.88	166	4077	0.37	ng	99
17) Hexachlorobenzene	16.89	284	1227	0.37	ng	# 38
18) Pentachlorophenol	17.24	266	286	0.42	ng	94
19) Phenanthrene	17.60	178	7564	0.38	ng	99
20) Anthracene	17.70	178	6522	0.37	ng	100
21) Fluoranthene	19.63	202	30139	0.37	ng	98
23) Pyrene	19.99	202	31955	0.40	ng	98
25) Benzo(a)anthracene	21.72	228	33632	0.40	ng	96
26) Chrysene	21.77	228	32881	0.39	ng	# 86
27) Indeno(1,2,3-cd)pyrene	26.65	276	33347	0.36	ng	100
29) Benzo(b)fluoranthene	23.40	252	7620	0.38	ng	97
30) Benzo(k)fluoranthene	23.45	252	7878	0.39	ng	98
31) Benzo(a)pyrene	24.02	252	7323	0.39	ng	98
32) Dibenzo(a,h)anthracene	26.67	278	6675	0.38	ng	98
33) Benzo(g,h,i)perylene	27.42	276	28540	0.38	ng	97

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

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.17 min Scan# 479

Delta R.T. -0.00 min

Lab File: BE092232.D

Acq: 9 Aug 2016 1:14

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

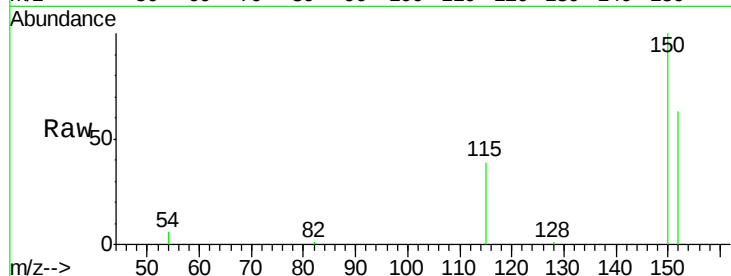
Tgt Ion:152 Resp: 11008

Ion Ratio Lower Upper

152 100

150 158.5 106.0 159.0

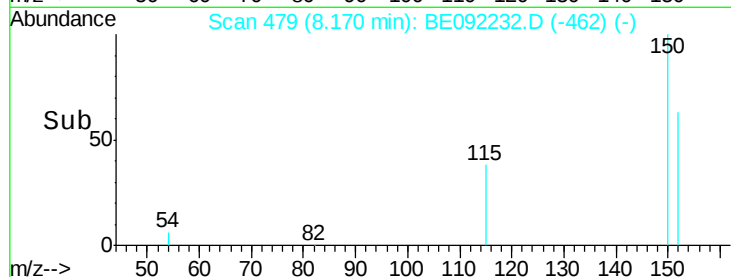
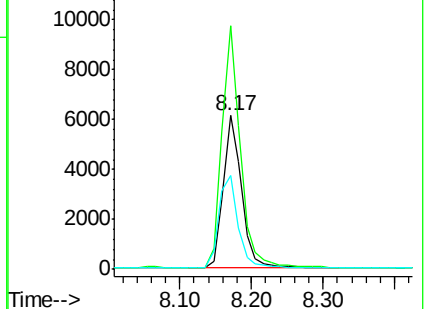
115 61.2 36.9 55.3#



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: 0.39 ng

RT: 3.44 min Scan# 74

Delta R.T. -0.00 min

Lab File: BE092232.D

Acq: 9 Aug 2016 1:14

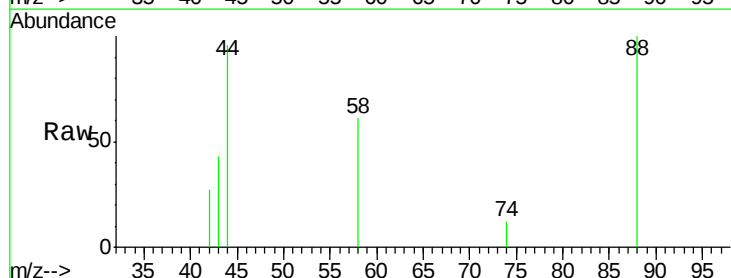
Tgt Ion: 88 Resp: 590

Ion Ratio Lower Upper

88 100

58 79.3 62.1 93.1

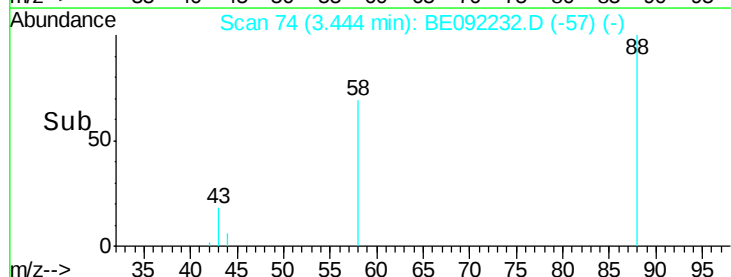
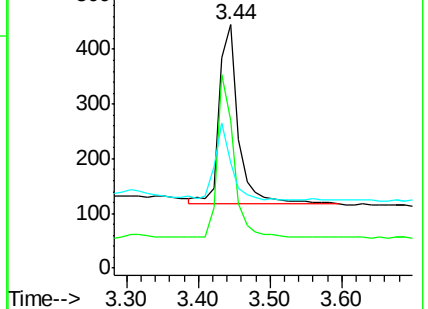
43 37.5 27.2 40.8

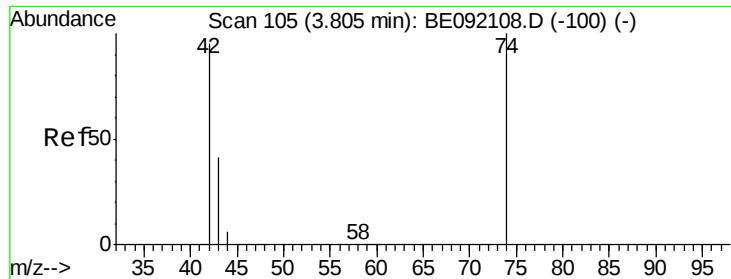


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.41 ng

RT: 3.80 min Scan# 105

Delta R.T. -0.00 min

Lab File: BE092232.D

Acq: 9 Aug 2016 1:14

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

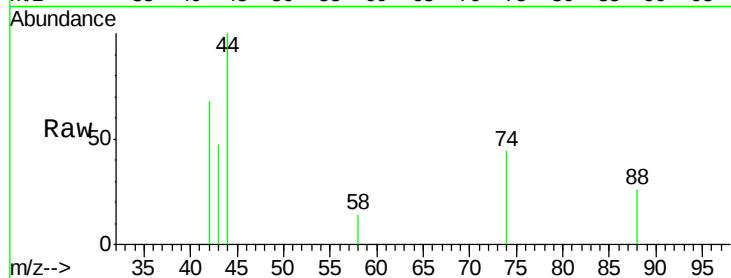
Tgt Ion: 42 Resp: 670

Ion Ratio Lower Upper

42 100

74 101.3 82.8 124.2

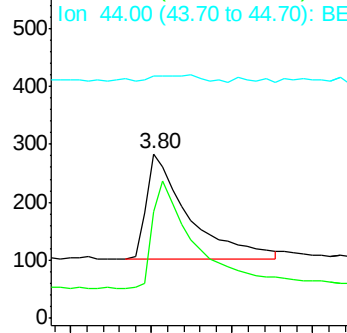
44 0.0 9.0 13.4#



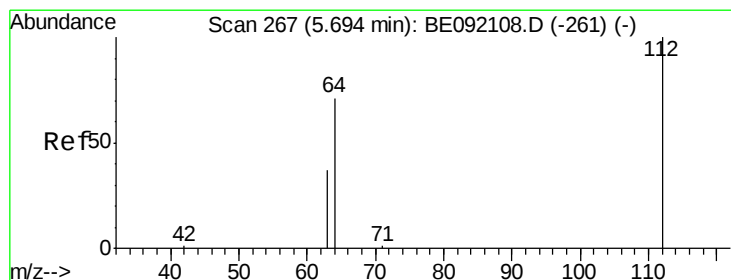
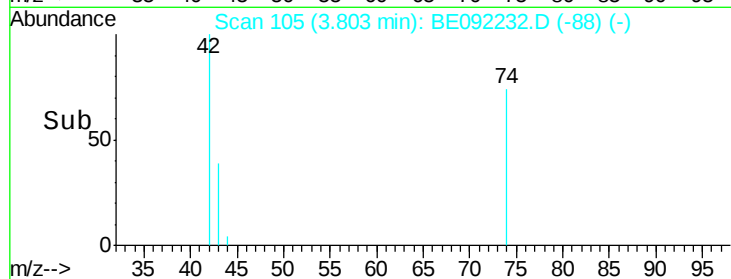
Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0



Time-->



#4

2-Fluorophenol

Concen: 0.35 ng

RT: 5.71 min Scan# 268

Delta R.T. 0.01 min

Lab File: BE092232.D

Acq: 9 Aug 2016 1:14

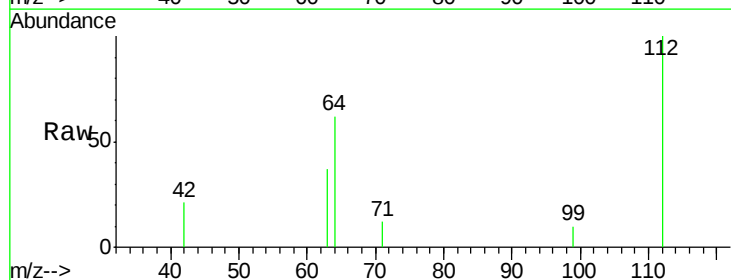
Tgt Ion: 112 Resp: 985

Ion Ratio Lower Upper

112 100

64 66.7 55.9 83.9

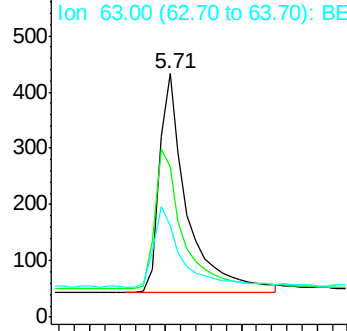
63 36.9 31.1 46.7



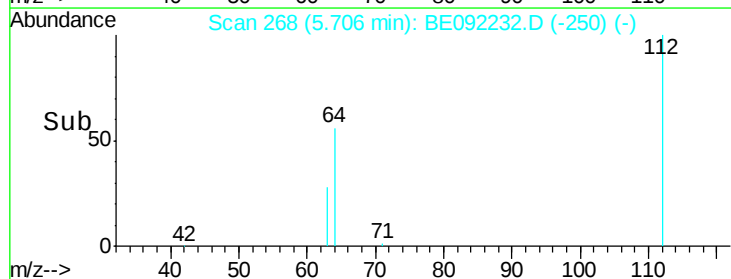
Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



Time-->





#5

Phenol-d6

Concen: 0.35 ng

RT: 7.36 min Scan# 411

Delta R.T. 0.01 min

Lab File: BE092232.D

Acq: 9 Aug 2016 1:14

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

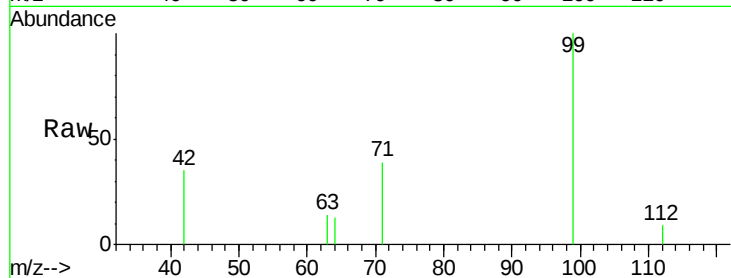
Tgt Ion: 99 Resp: 1312

Ion Ratio Lower Upper

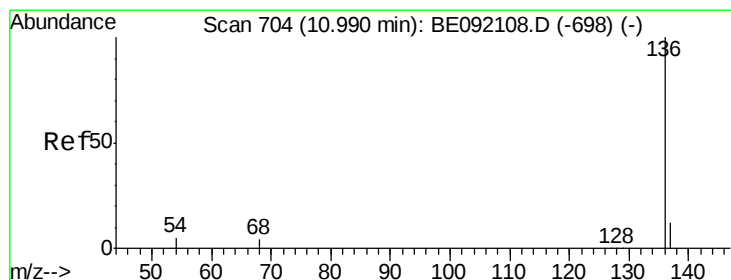
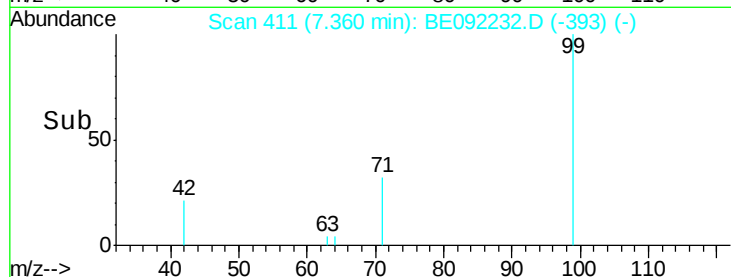
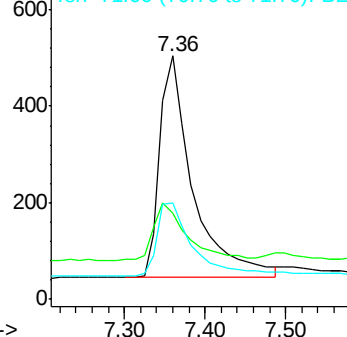
99 100

42 27.1 22.4 33.6

71 36.4 28.9 43.3



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

Naphthalene-d8

Concen: 5.00 ng

RT: 10.98 min Scan# 703

Delta R.T. -0.01 min

Lab File: BE092232.D

Acq: 9 Aug 2016 1:14

Tgt Ion: 136 Resp: 53646

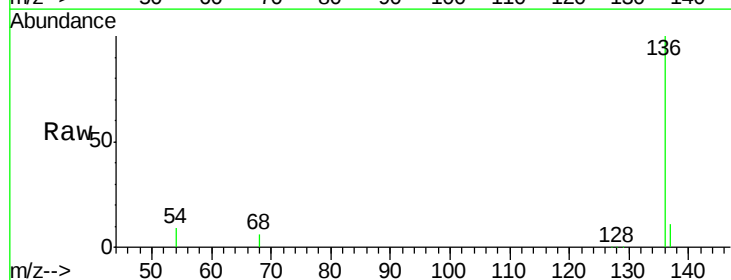
Ion Ratio Lower Upper

136 100

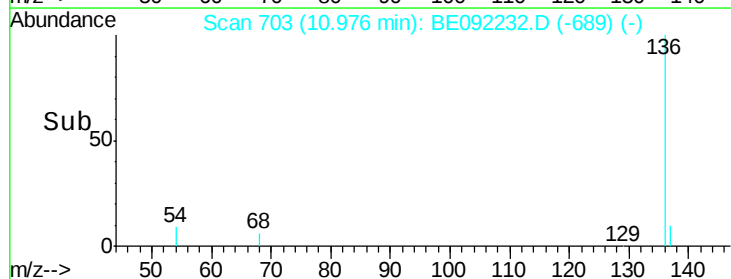
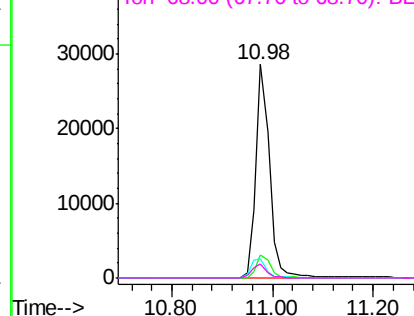
137 10.5 9.1 13.7

54 9.1 2.7 4.1#

68 6.4 2.2 3.4#



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





#7

Nitrobenzene-d5

Concen: 0.33 ng

RT: 9.35 min Scan# 581

Delta R.T. -0.00 min

Lab File: BE092232.D

Acq: 9 Aug 2016 1:14

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

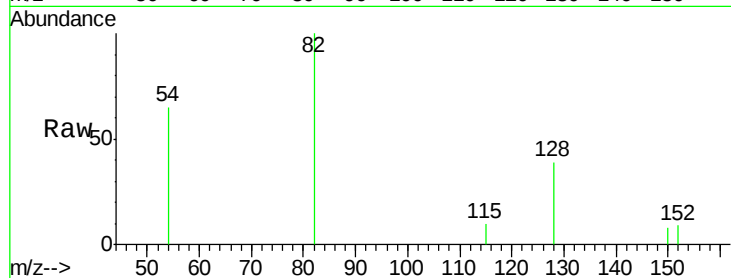
Tgt Ion: 82 Resp: 1381

Ion Ratio Lower Upper

82 100

128 39.2 33.0 49.4

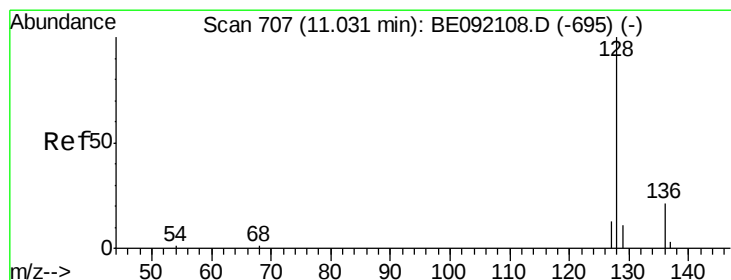
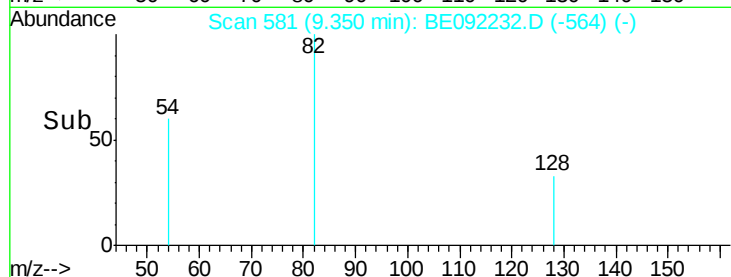
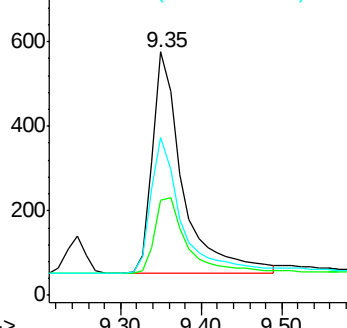
54 64.6 42.6 63.8#



Abundance Ion 82.00 (81.70 to 82.70): BE092232.D (-564) (-)

Ion 128.00 (127.70 to 128.70): BE092232.D (-564) (-)

Ion 54.00 (53.70 to 54.70): BE092232.D (-564) (-)



#8

Naphthalene

Concen: 0.40 ng

RT: 11.03 min Scan# 707

Delta R.T. 0.00 min

Lab File: BE092232.D

Acq: 9 Aug 2016 1:14

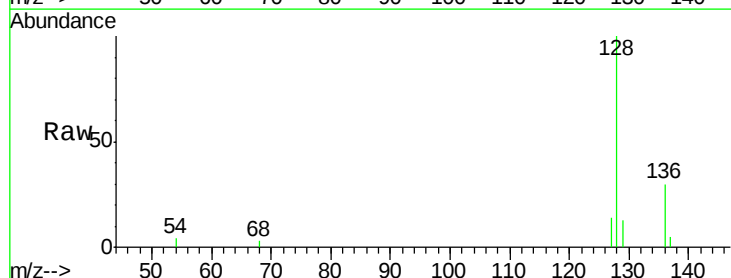
Tgt Ion: 128 Resp: 4775

Ion Ratio Lower Upper

128 100

129 13.0 11.1 16.7

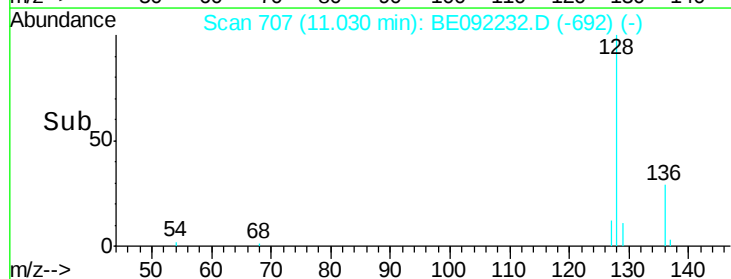
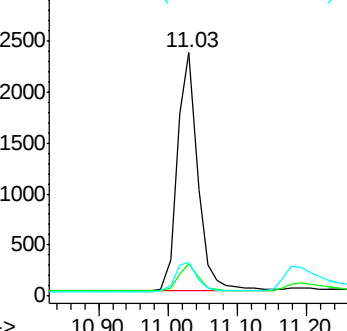
127 13.8 11.3 16.9

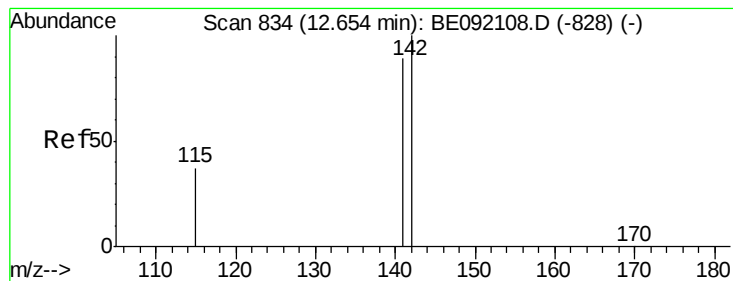


Abundance Ion 128.00 (127.70 to 128.70): BE092232.D (-692) (-)

Ion 129.00 (128.70 to 129.70): BE092232.D (-692) (-)

Ion 127.00 (126.70 to 127.70): BE092232.D (-692) (-)





#9

2-Methylnaphthalene

Concen: 0.41 ng

RT: 12.65 min Scan# 834

Delta R.T. 0.00 min

Lab File: BE092232.D

Acq: 9 Aug 2016 1:14

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

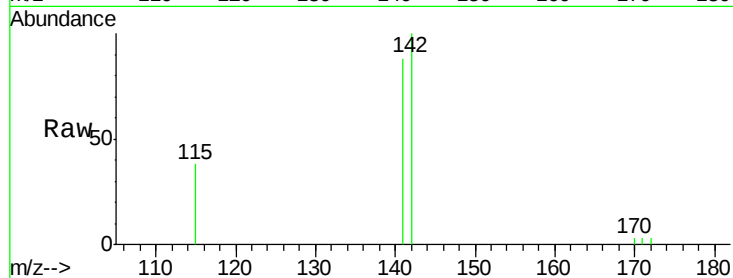
Tgt Ion:142 Resp: 3003

Ion Ratio Lower Upper

142 100

141 88.5 65.1 97.7

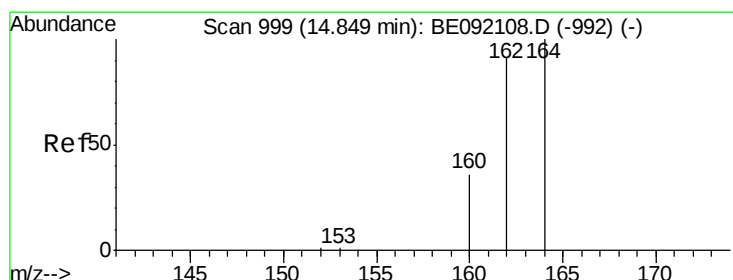
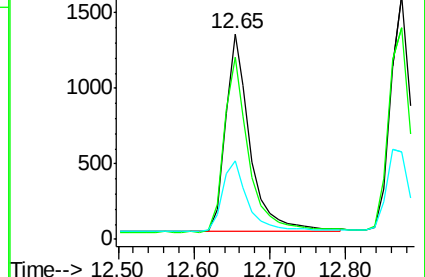
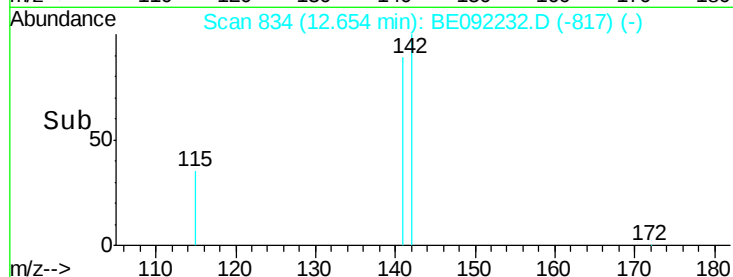
115 38.0 27.0 40.4



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



#10

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.83 min Scan# 998

Delta R.T. -0.02 min

Lab File: BE092232.D

Acq: 9 Aug 2016 1:14

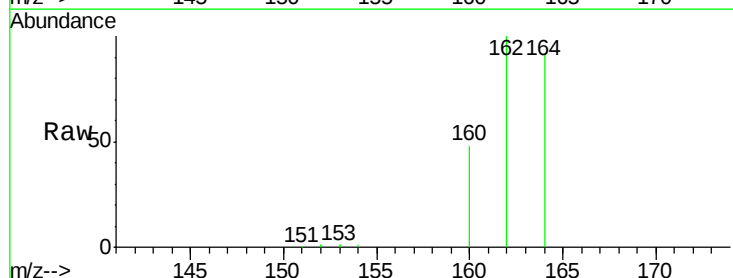
Tgt Ion:164 Resp: 30651

Ion Ratio Lower Upper

164 100

162 109.4 69.5 104.3#

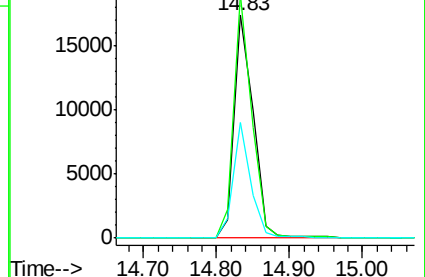
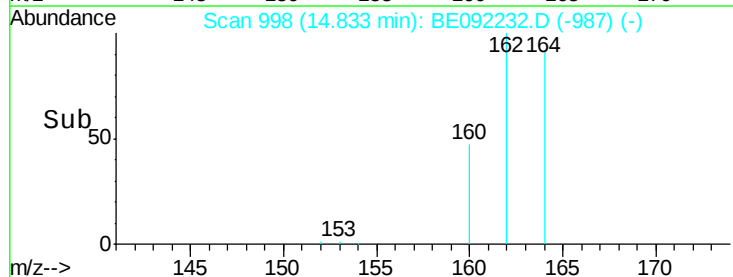
160 52.1 27.6 41.4#

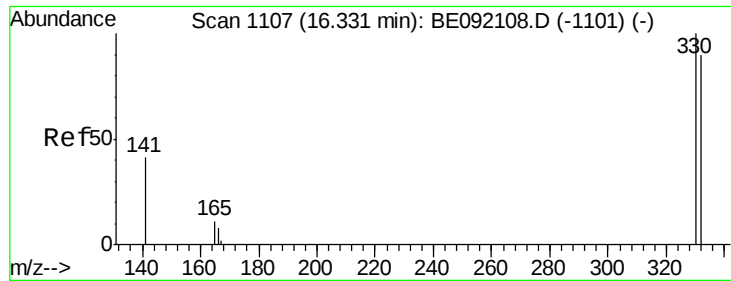


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

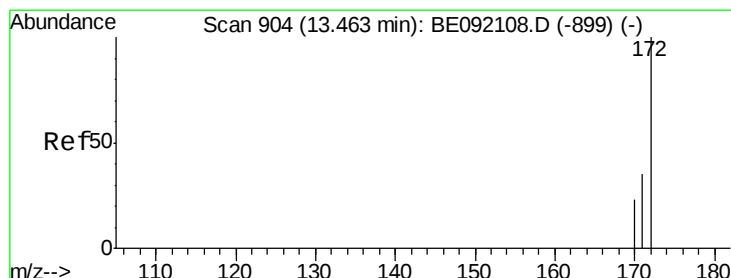
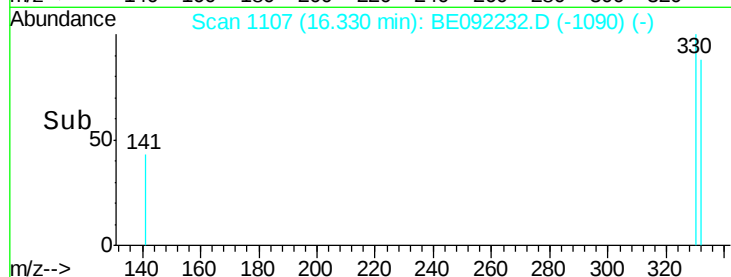
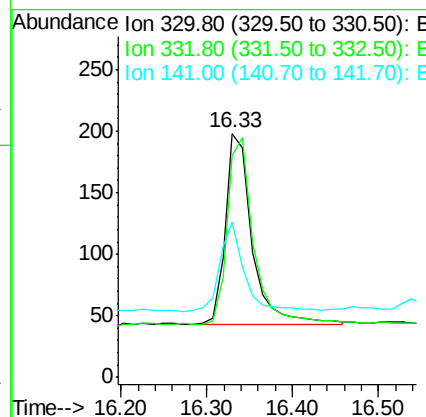
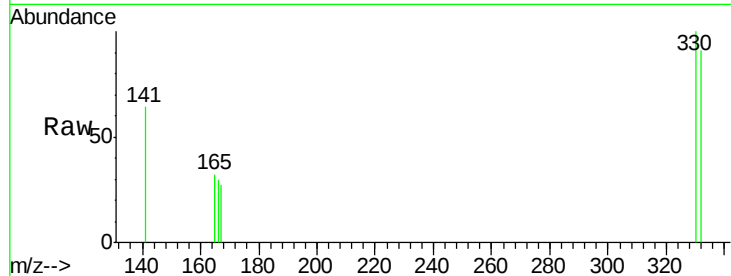




#11
 2,4,6-Tribromophenol
 Concen: 0.34 ng
 RT: 16.33 min Scan# 1107
 Delta R.T. -0.00 min
 Lab File: BE092232.D
 Acq: 9 Aug 2016 1:14

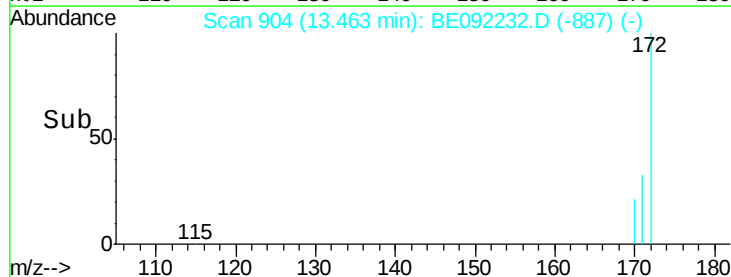
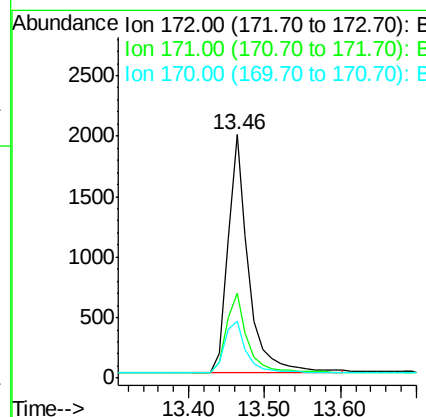
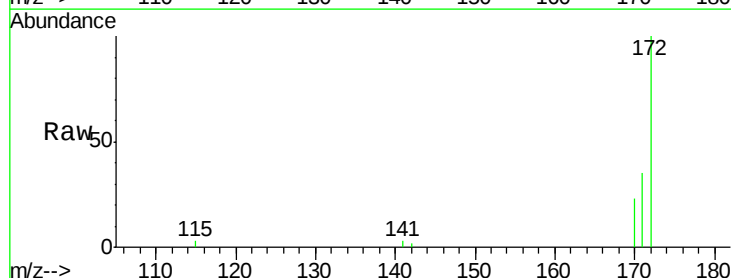
Instrument :
 BNA_E
 ClientSampleId :
 SSTDC00.4EC

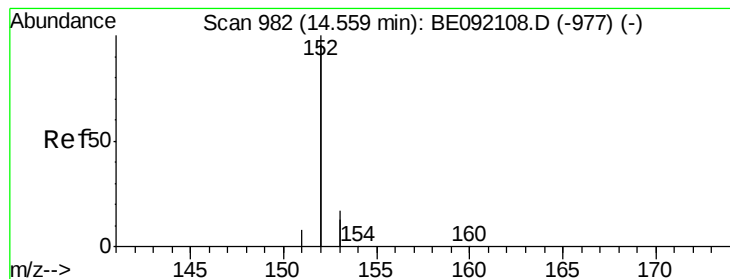
Tgt Ion: 330 Resp: 336
 Ion Ratio Lower Upper
 330 100
 332 97.0 74.2 111.4
 141 44.0 139.8 209.8#



#12
 2-Fluorobiphenyl
 Concen: 0.39 ng
 RT: 13.46 min Scan# 904
 Delta R.T. -0.00 min
 Lab File: BE092232.D
 Acq: 9 Aug 2016 1:14

Tgt Ion: 172 Resp: 3754
 Ion Ratio Lower Upper
 172 100
 171 34.8 30.3 45.5
 170 23.2 21.6 32.4





#13

Acenaphthylene

Concen: 0.38 ng

RT: 14.54 min Scan# 981

Delta R.T. -0.02 min

Lab File: BE092232.D

Acq: 9 Aug 2016 1:14

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

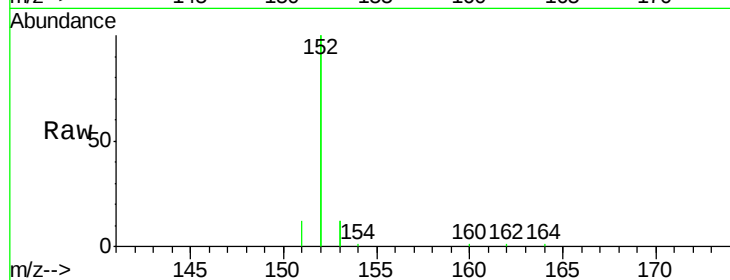
Tgt Ion:152 Resp: 20516

Ion Ratio Lower Upper

152 100

151 5.0 4.0 6.0

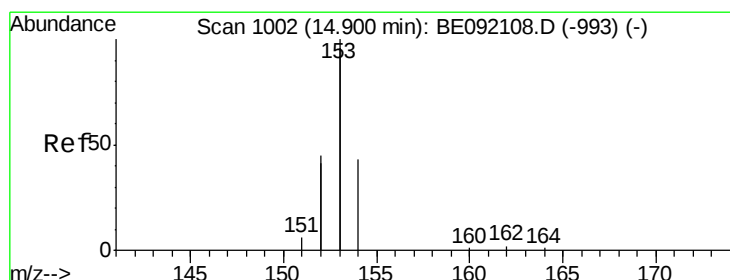
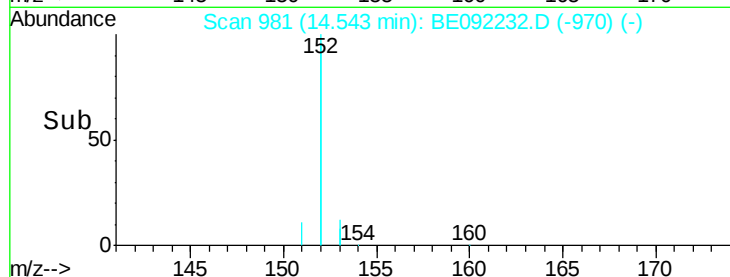
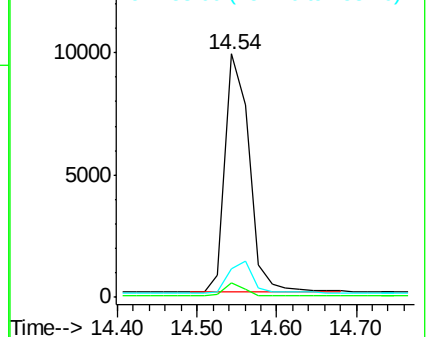
153 13.3 9.6 14.4



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



#14

Acenaphthene

Concen: 0.39 ng

RT: 14.90 min Scan# 1002

Delta R.T. 0.00 min

Lab File: BE092232.D

Acq: 9 Aug 2016 1:14

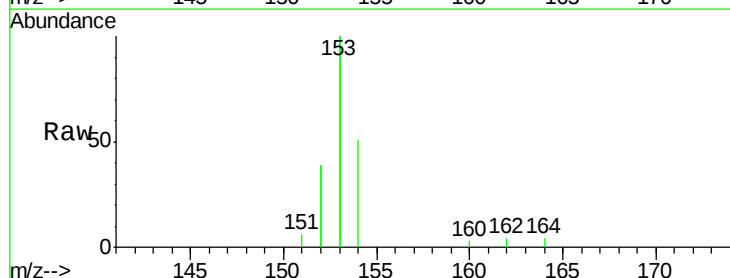
Tgt Ion:154 Resp: 3347

Ion Ratio Lower Upper

154 100

153 440.4 345.1 517.7

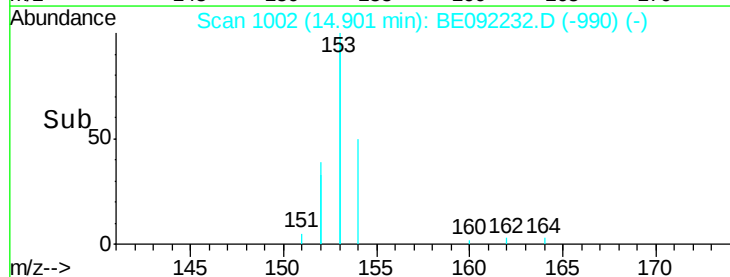
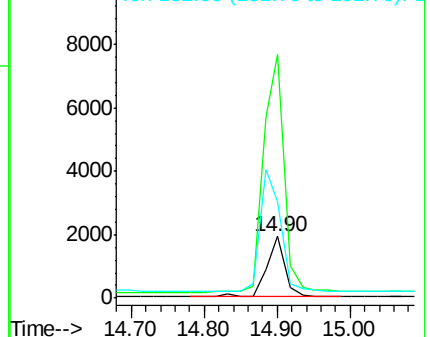
152 223.2 176.0 264.0

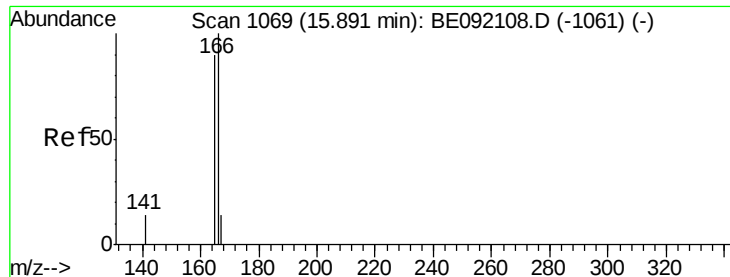


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#15

Fluorene

Concen: 0.37 ng

RT: 15.88 min Scan# 1068

Delta R.T. -0.01 min

Lab File: BE092232.D

Acq: 9 Aug 2016 1:14

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

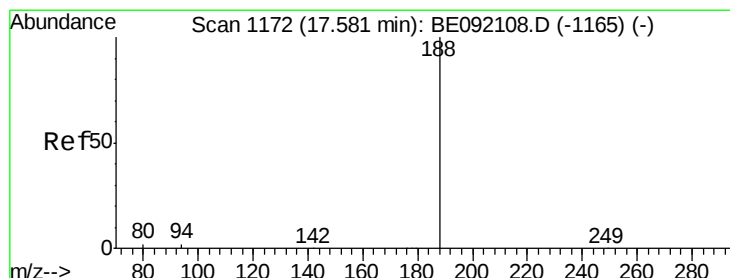
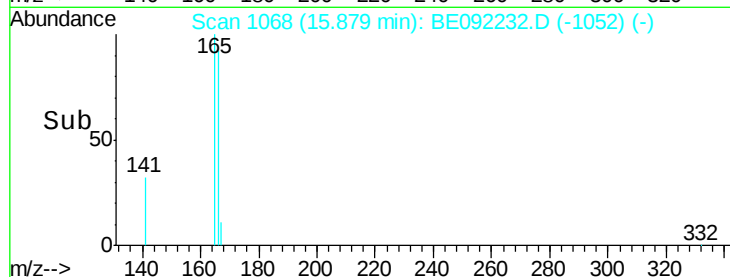
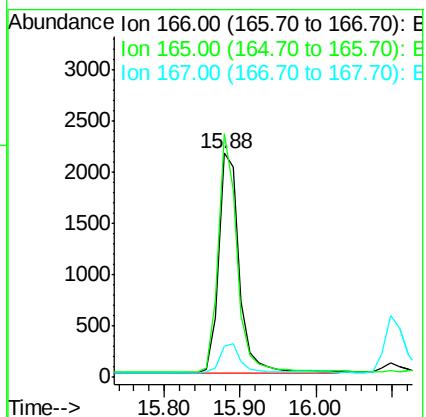
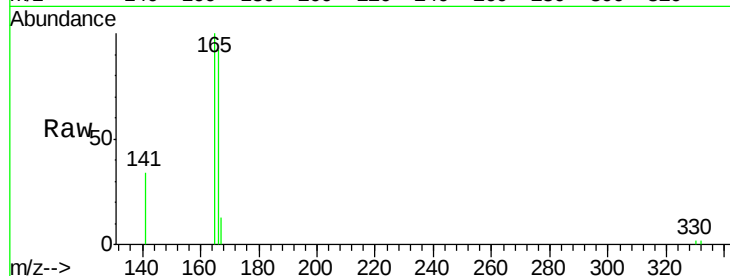
Tgt Ion:166 Resp: 4077

Ion Ratio Lower Upper

166 100

165 99.1 78.6 118.0

167 13.3 11.1 16.7



#16

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.56 min Scan# 1171

Delta R.T. -0.02 min

Lab File: BE092232.D

Acq: 9 Aug 2016 1:14

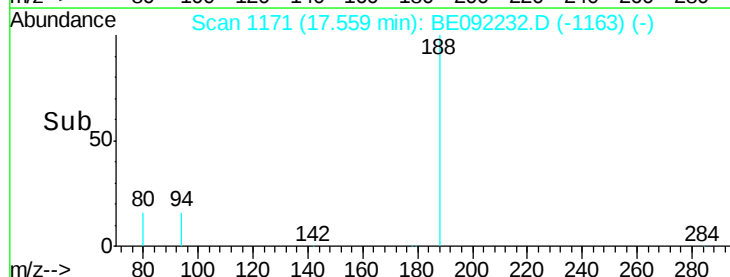
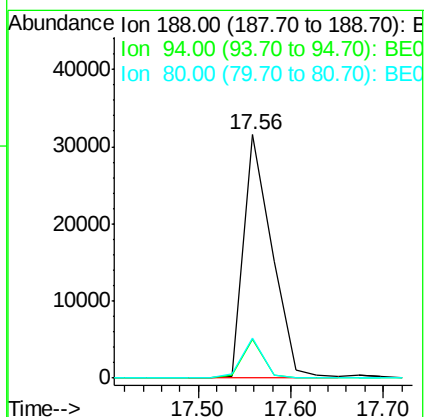
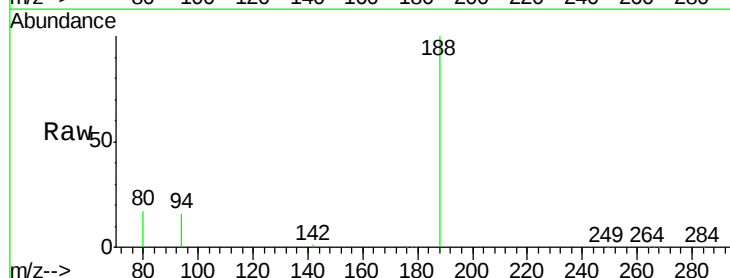
Tgt Ion:188 Resp: 66957

Ion Ratio Lower Upper

188 100

94 15.8 3.9 5.9#

80 16.5 3.4 5.0#

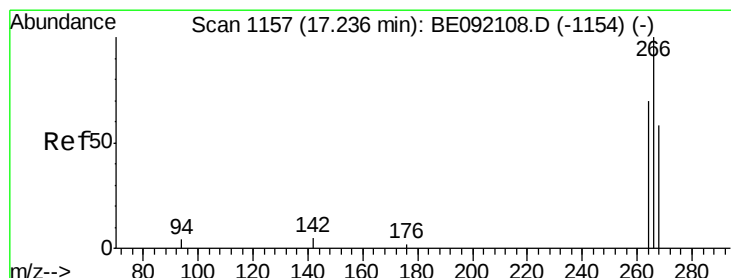
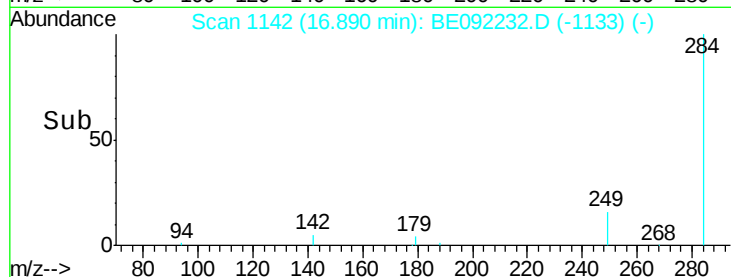
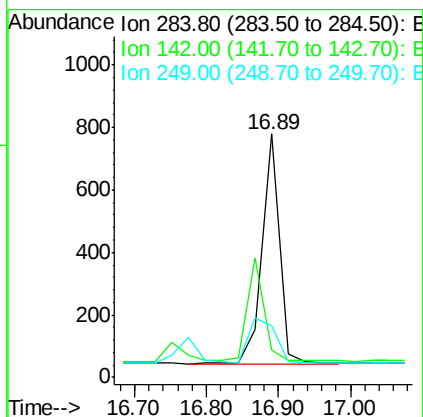
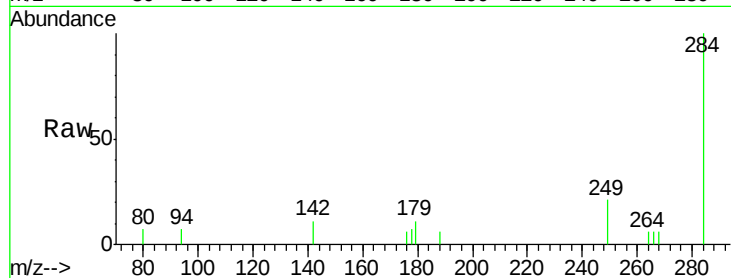




#17
Hexachlorobenzene
Concen: 0.37 ng
RT: 16.89 min Scan# 1142
Delta R.T. 0.00 min
Lab File: BE092232.D
Acq: 9 Aug 2016 1:14

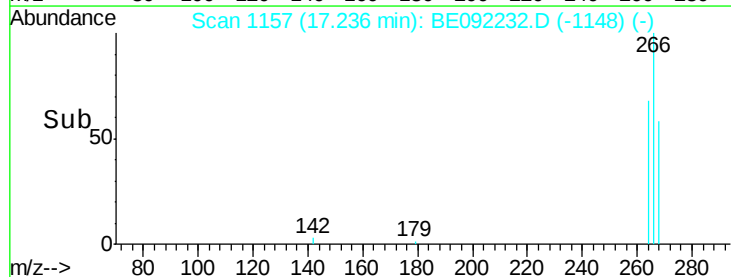
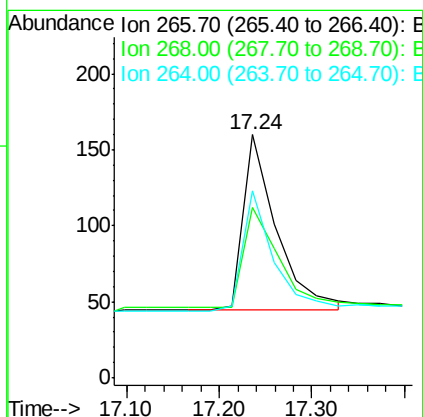
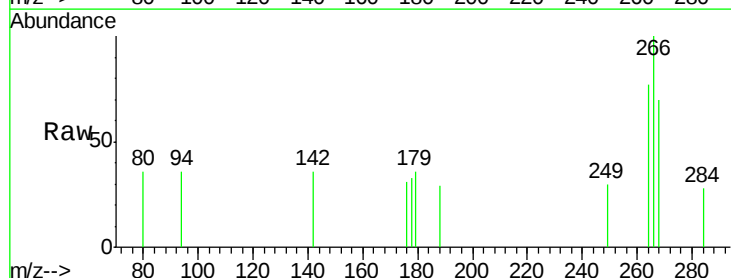
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

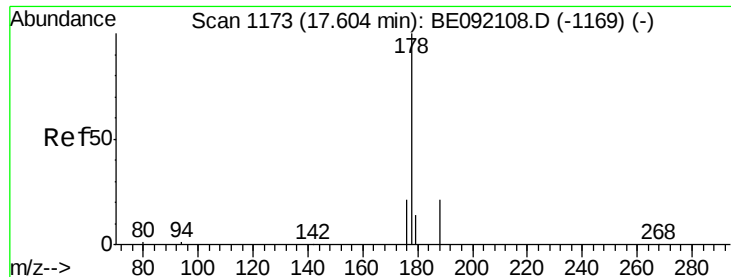
Tgt Ion: 284 Resp: 1227
Ion Ratio Lower Upper
284 100
142 0.0 33.3 49.9#
249 0.0 25.4 38.0#



#18
Pentachlorophenol
Concen: 0.42 ng
RT: 17.24 min Scan# 1157
Delta R.T. 0.00 min
Lab File: BE092232.D
Acq: 9 Aug 2016 1:14

Tgt Ion: 266 Resp: 286
Ion Ratio Lower Upper
266 100
268 70.0 62.7 94.1
264 76.9 63.5 95.3





#19

Phenanthrene

Concen: 0.38 ng

RT: 17.60 min Scan# 1173

Delta R.T. 0.00 min

Lab File: BE092232.D

Acq: 9 Aug 2016 1:14

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

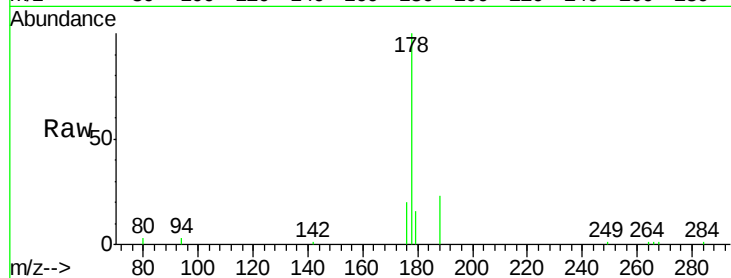
Tgt Ion:178 Resp: 7564

Ion Ratio Lower Upper

178 100

176 19.4 15.4 23.0

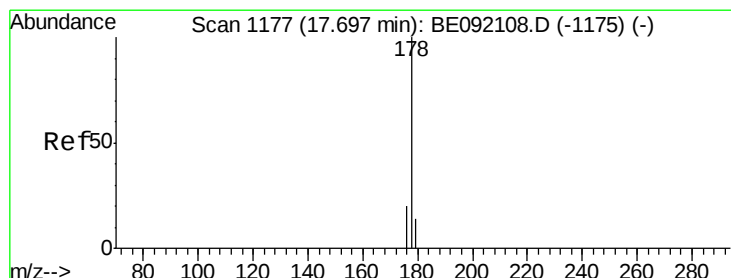
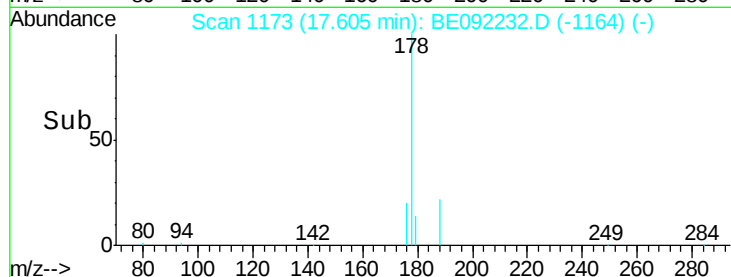
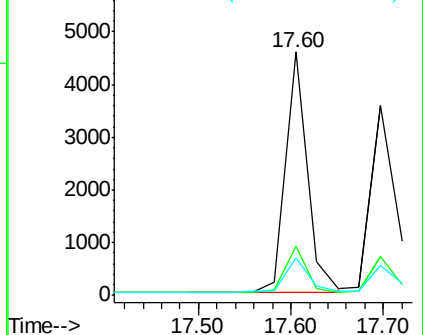
179 15.6 12.7 19.1



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



#20

Anthracene

Concen: 0.37 ng

RT: 17.70 min Scan# 1177

Delta R.T. 0.00 min

Lab File: BE092232.D

Acq: 9 Aug 2016 1:14

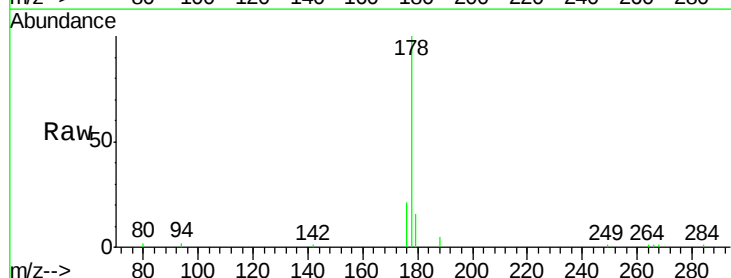
Tgt Ion:178 Resp: 6522

Ion Ratio Lower Upper

178 100

176 18.8 15.2 22.8

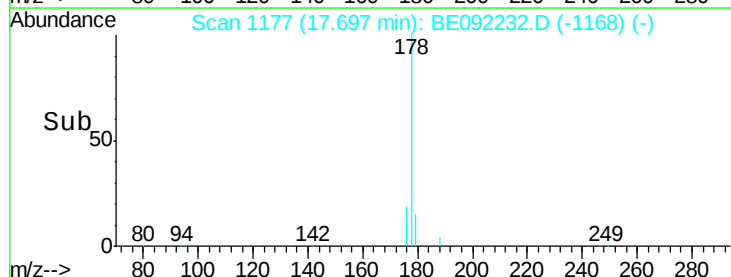
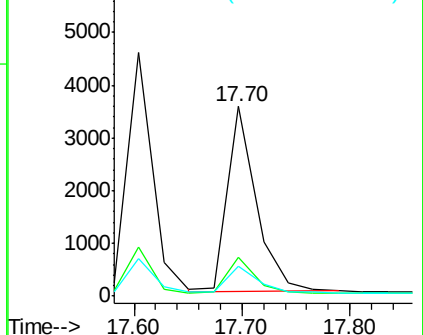
179 15.1 12.2 18.4



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





#21

Fluoranthene

Concen: 0.37 ng

RT: 19.63 min Scan# 1284

Delta R.T. -0.00 min

Lab File: BE092232.D

Acq: 9 Aug 2016 1:14

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

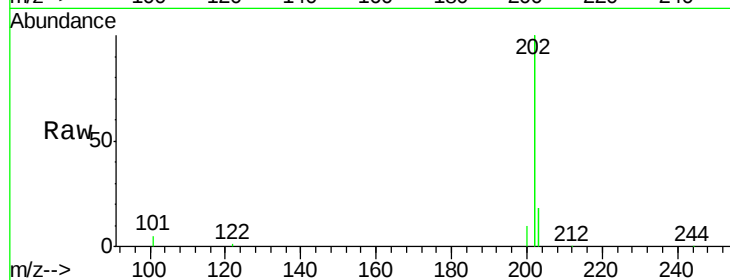
Tgt Ion: 202 Resp: 30139

Ion Ratio Lower Upper

202 100

101 2.8 2.2 3.2

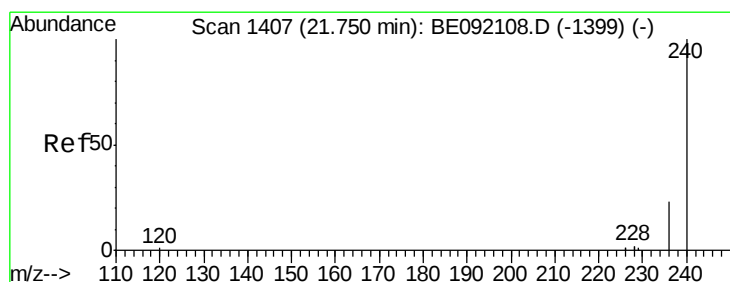
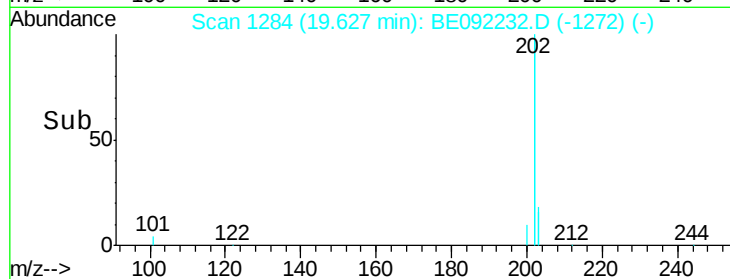
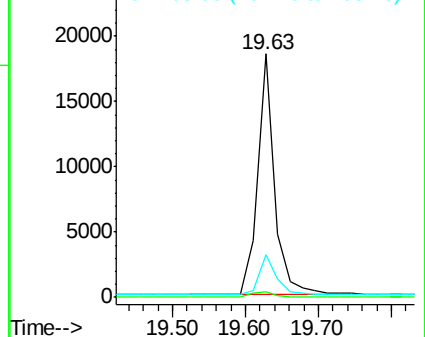
203 17.3 13.0 19.4



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



#22

Chrysene-d12

Concen: 5.00 ng

RT: 21.75 min Scan# 1407

Delta R.T. -0.00 min

Lab File: BE092232.D

Acq: 9 Aug 2016 1:14

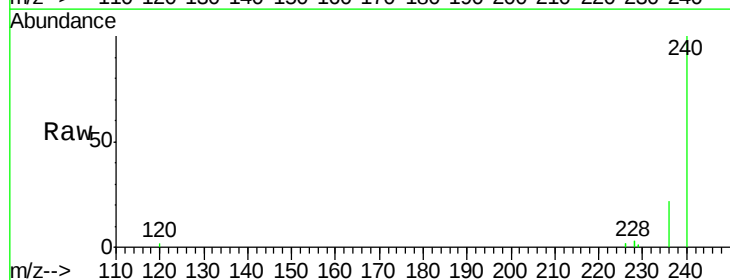
Tgt Ion: 240 Resp: 76418

Ion Ratio Lower Upper

240 100

120 1.6 0.6 1.0#

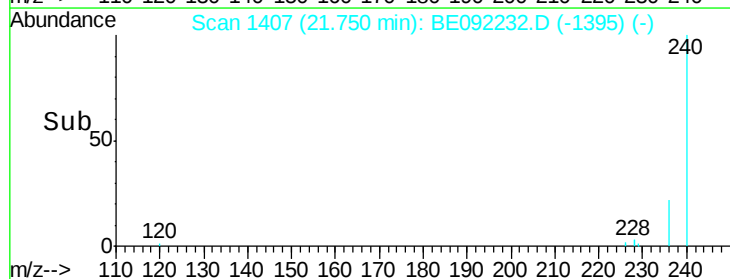
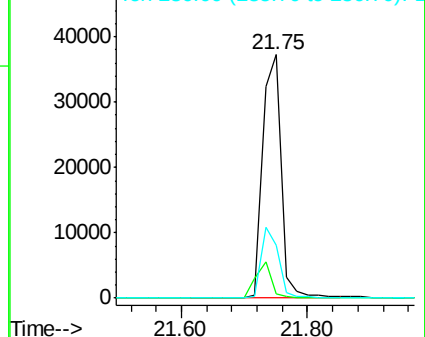
236 21.9 18.2 27.4

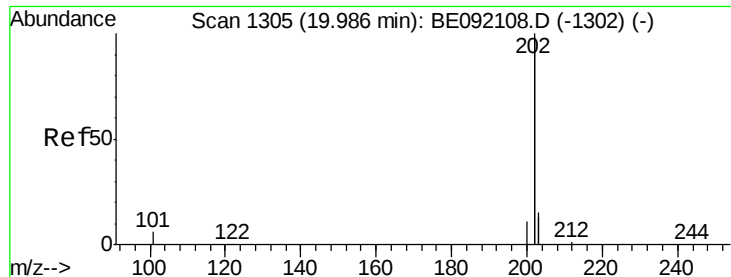


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

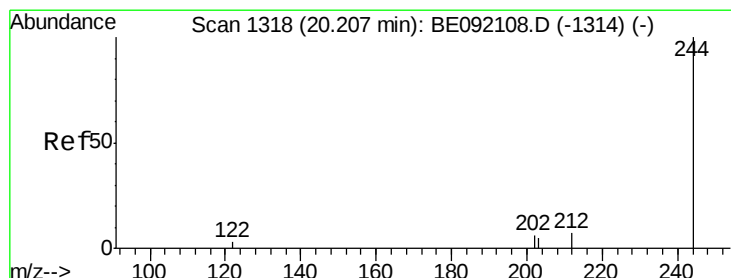
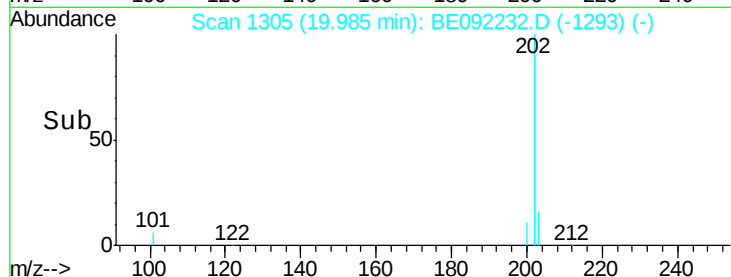
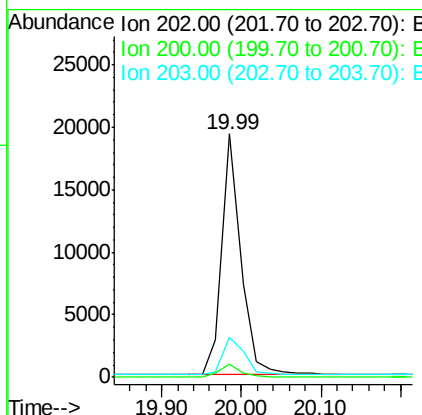
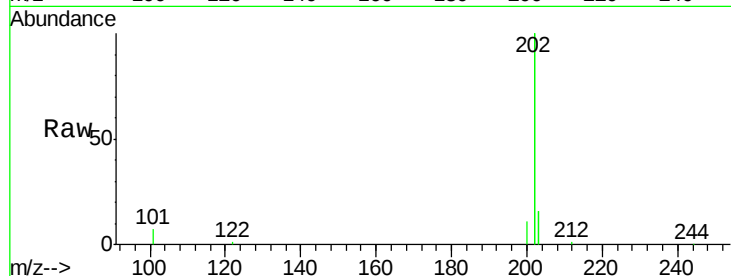




#23
Pyrene
Concen: 0.40 ng
RT: 19.99 min Scan# 1305
Delta R.T. -0.00 min
Lab File: BE092232.D
Acq: 9 Aug 2016 1:14

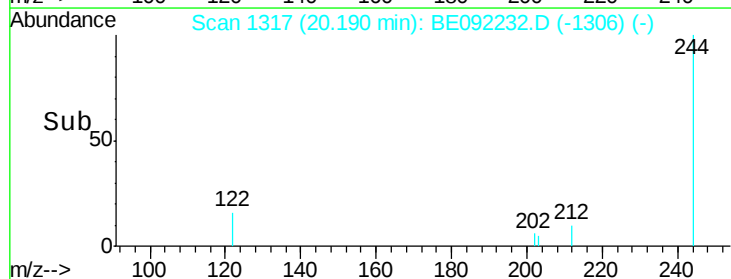
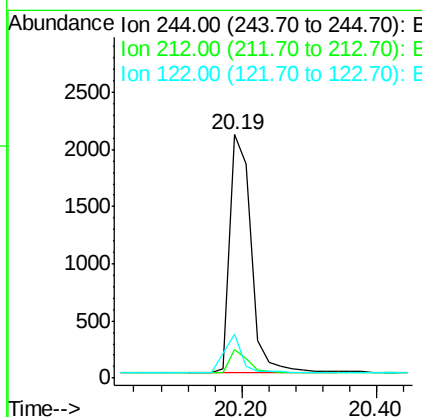
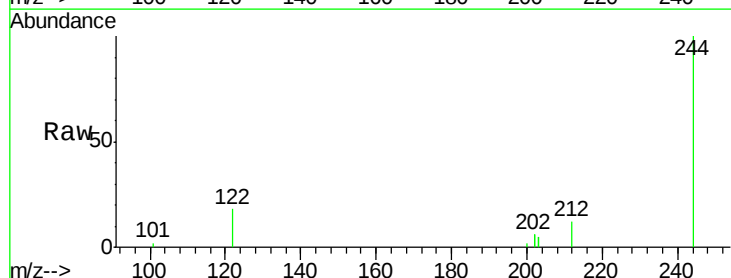
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 202 Resp: 31955
Ion Ratio Lower Upper
202 100
200 5.3 4.4 6.6
203 17.8 13.4 20.0



#24
Terphenyl-d14
Concen: 0.42 ng
RT: 20.19 min Scan# 1317
Delta R.T. -0.02 min
Lab File: BE092232.D
Acq: 9 Aug 2016 1:14

Tgt Ion: 244 Resp: 4605
Ion Ratio Lower Upper
244 100
212 11.8 9.1 13.7
122 17.9 11.0 16.4#





#25

Benzo(a)anthracene

Concen: 0.40 ng

RT: 21.72 min Scan# 1405

Delta R.T. -0.00 min

Lab File: BE092232.D

Acq: 9 Aug 2016 1:14

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

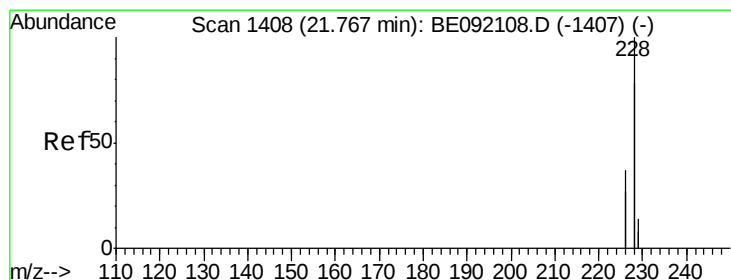
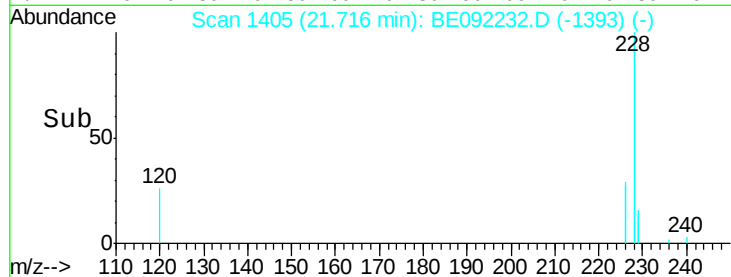
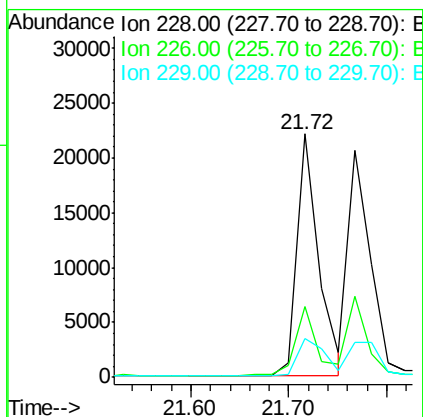
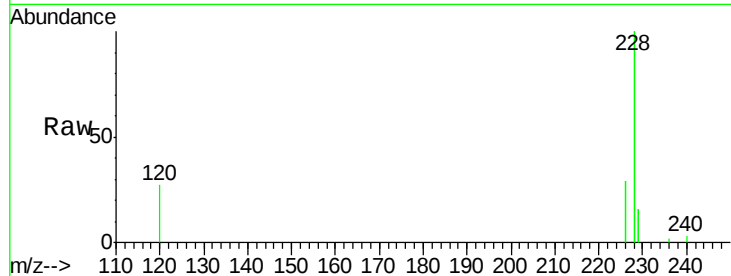
Tgt Ion:228 Resp: 33632

Ion Ratio Lower Upper

228 100

226 28.9 22.1 33.1

229 16.0 15.1 22.7



#26

Chrysene

Concen: 0.39 ng

RT: 21.77 min Scan# 1408

Delta R.T. -0.00 min

Lab File: BE092232.D

Acq: 9 Aug 2016 1:14

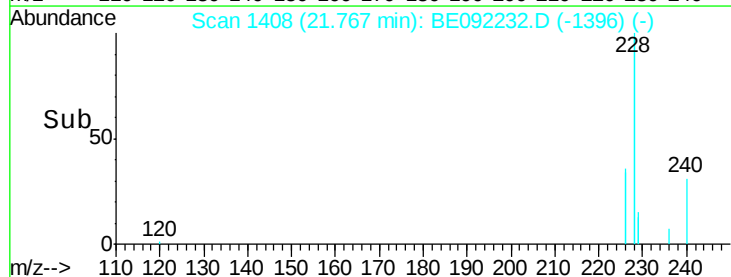
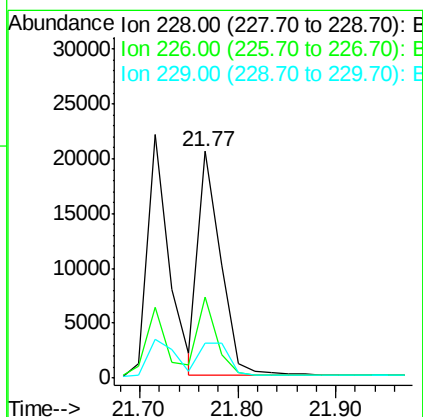
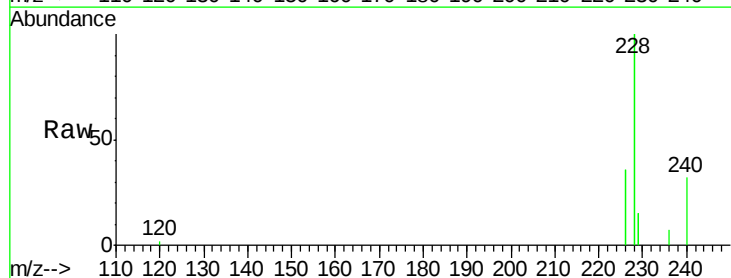
Tgt Ion:228 Resp: 32881

Ion Ratio Lower Upper

228 100

226 35.8 22.3 33.5#

229 15.2 16.9 25.3#

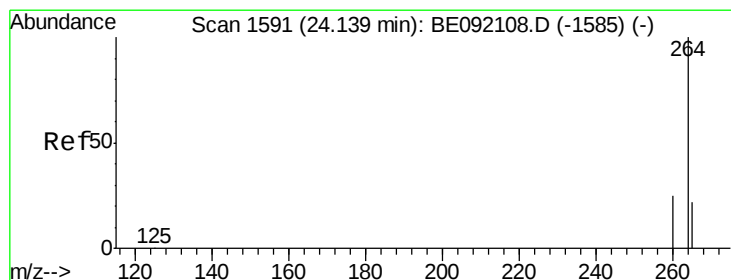
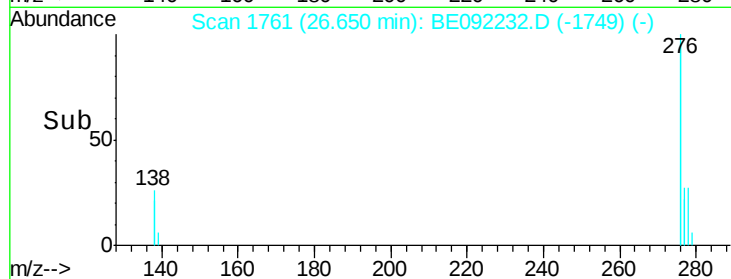
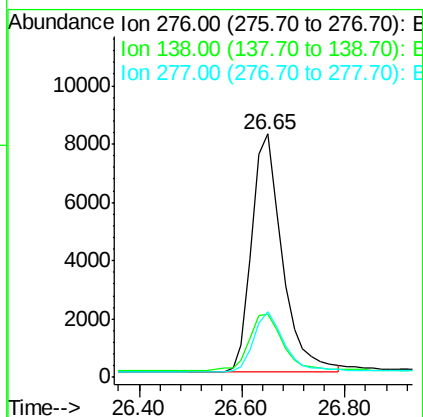
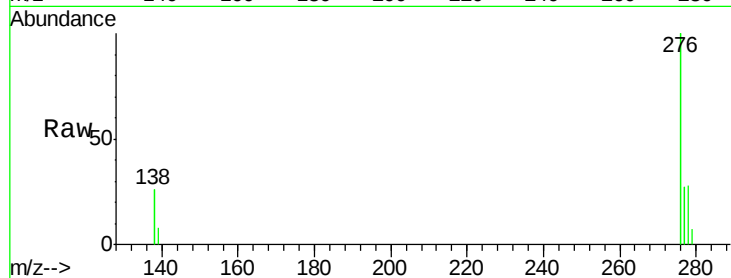




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.36 ng
 RT: 26.65 min Scan# 1761
 Delta R.T. -0.00 min
 Lab File: BE092232.D
 Acq: 9 Aug 2016 1:14

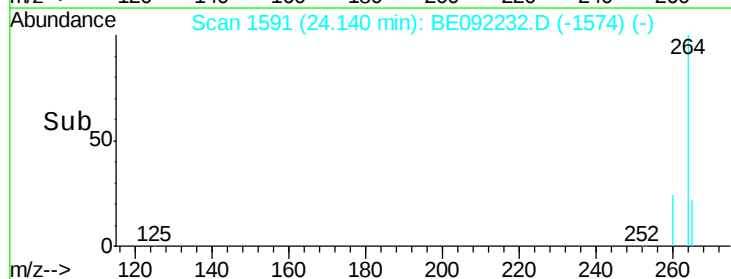
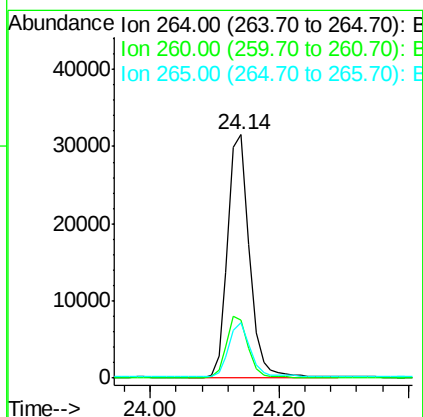
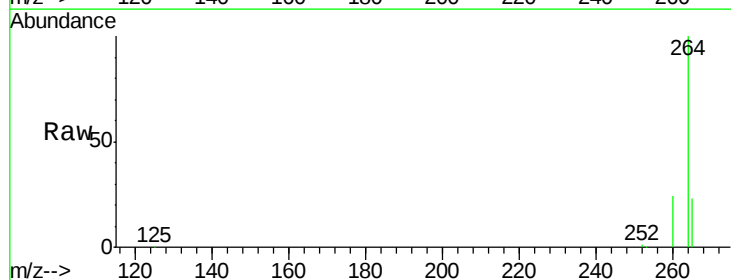
Instrument :
 BNA_E
 ClientSampleId :
 SSTCCCC0.4EC

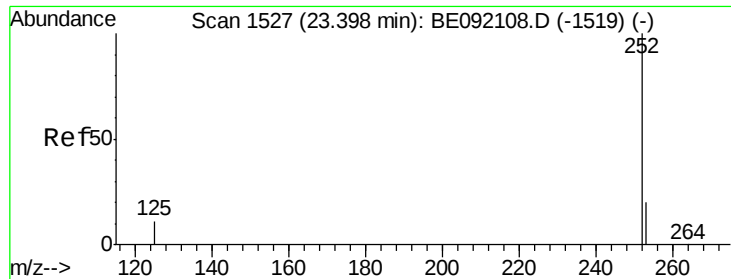
Tgt Ion: 276 Resp: 33347
 Ion Ratio Lower Upper
 276 100
 138 26.6 21.2 31.8
 277 24.6 19.8 29.8



#28
 Perylene-d12
 Concen: 5.00 ng
 RT: 24.14 min Scan# 1591
 Delta R.T. 0.00 min
 Lab File: BE092232.D
 Acq: 9 Aug 2016 1:14

Tgt Ion: 264 Resp: 74130
 Ion Ratio Lower Upper
 264 100
 260 24.0 20.8 31.2
 265 22.9 16.6 25.0





#29

Benzo(b)fluoranthene

Concen: 0.38 ng

RT: 23.40 min Scan# 1527

Delta R.T. 0.00 min

Lab File: BE092232.D

Acq: 9 Aug 2016 1:14

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

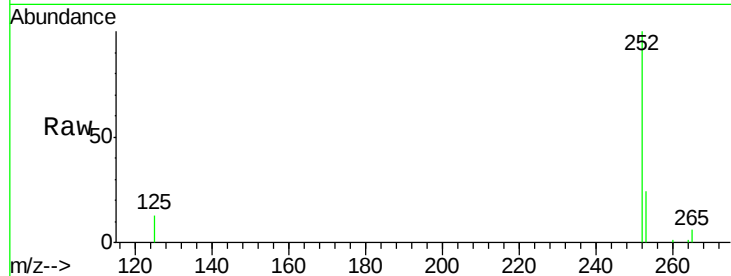
Tgt Ion:252 Resp: 7620

Ion Ratio Lower Upper

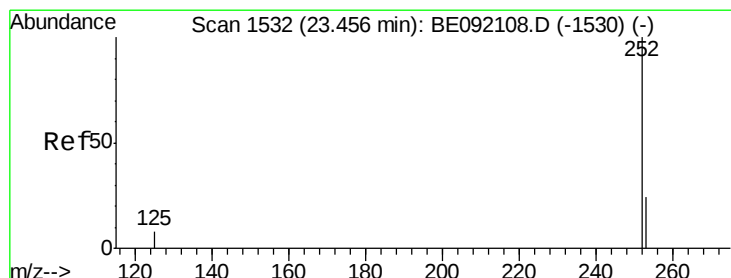
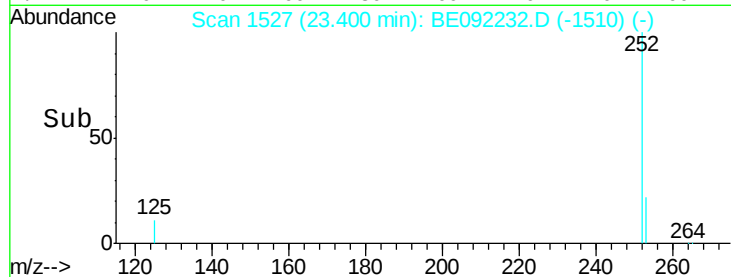
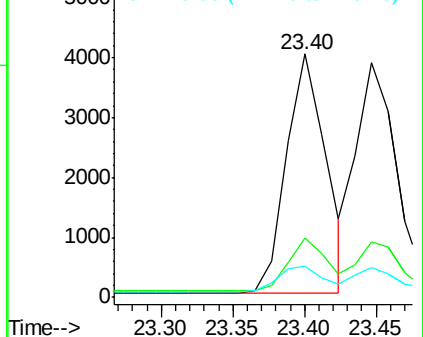
252 100

253 24.3 17.4 26.0

125 12.8 10.2 15.2



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



#30

Benzo(k)fluoranthene

Concen: 0.39 ng

RT: 23.45 min Scan# 1531

Delta R.T. -0.01 min

Lab File: BE092232.D

Acq: 9 Aug 2016 1:14

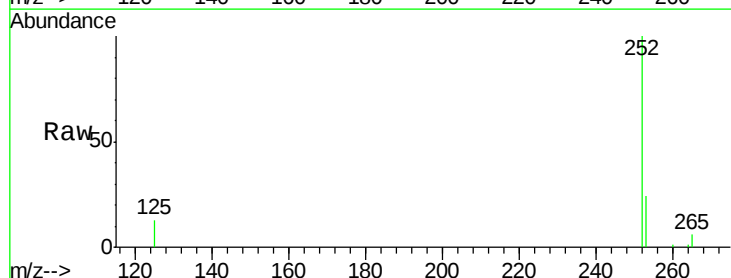
Tgt Ion:252 Resp: 7878

Ion Ratio Lower Upper

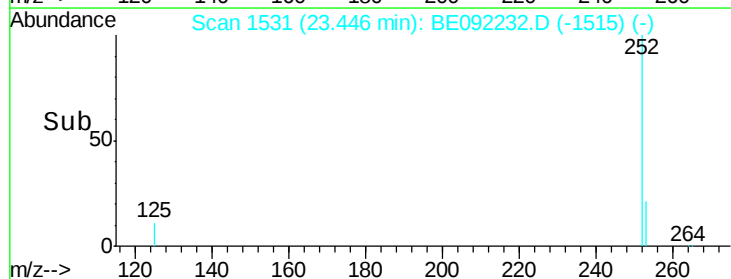
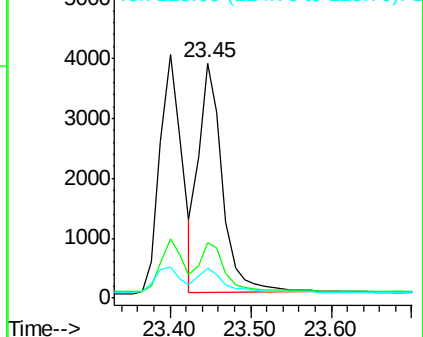
252 100

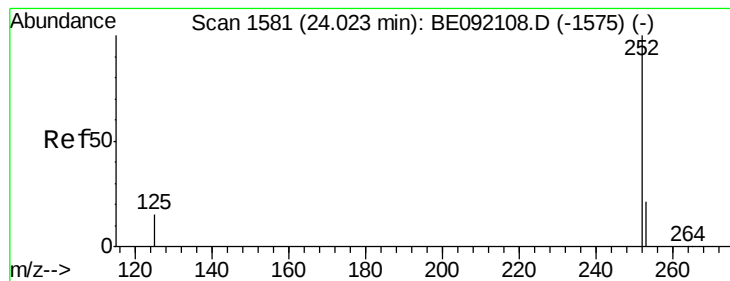
253 23.7 19.4 29.0

125 12.8 8.9 13.3



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

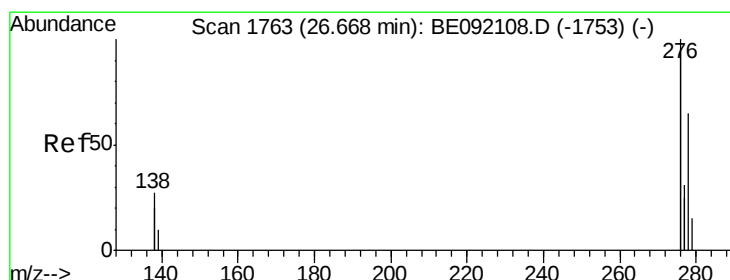
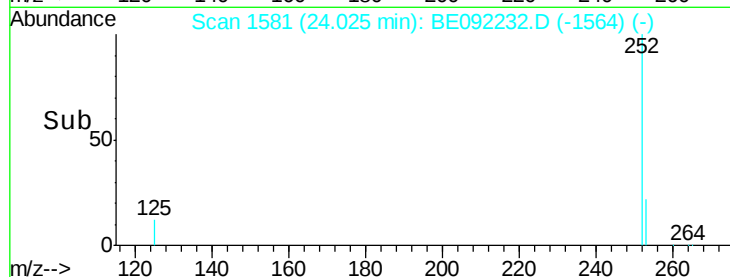
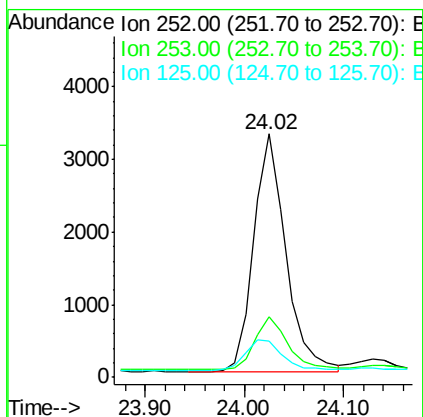
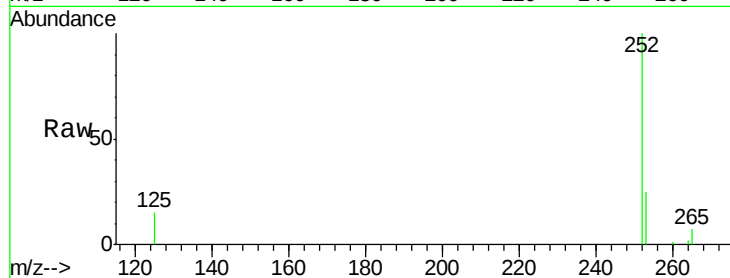




#31
Benzo(a)pyrene
Concen: 0.39 ng
RT: 24.02 min Scan# 1581
Delta R.T. 0.00 min
Lab File: BE092232.D
Acq: 9 Aug 2016 1:14

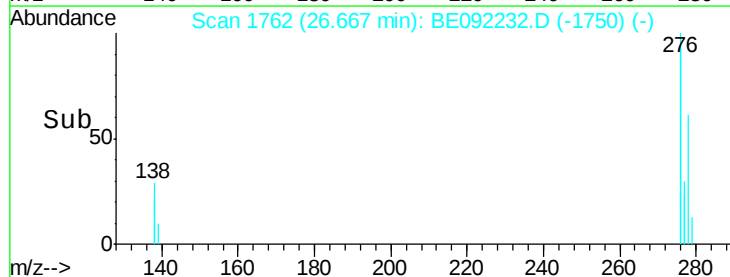
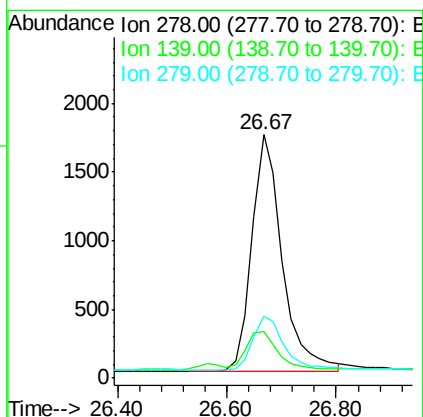
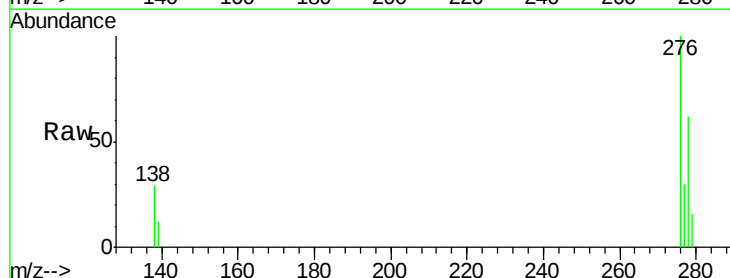
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

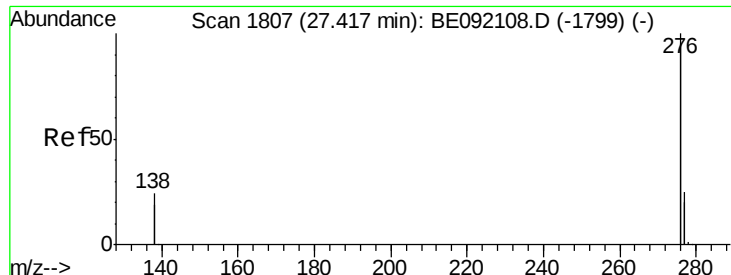
Tgt Ion: 252 Resp: 7323
Ion Ratio Lower Upper
252 100
253 24.9 19.8 29.8
125 14.8 10.4 15.6



#32
Dibenzo(a,h)anthracene
Concen: 0.38 ng
RT: 26.67 min Scan# 1762
Delta R.T. -0.00 min
Lab File: BE092232.D
Acq: 9 Aug 2016 1:14

Tgt Ion: 278 Resp: 6675
Ion Ratio Lower Upper
278 100
139 19.0 16.7 25.1
279 25.3 20.3 30.5





#33

Benzo(g,h,i)perylene

Concen: 0.38 ng

RT: 27.42 min Scan# 1806

Delta R.T. -0.00 min

Lab File: BE092232.D

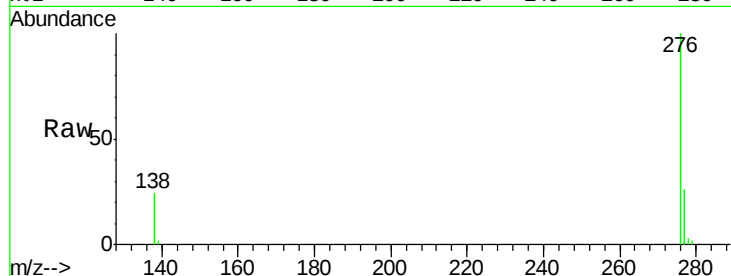
Acq: 9 Aug 2016 1:14

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC



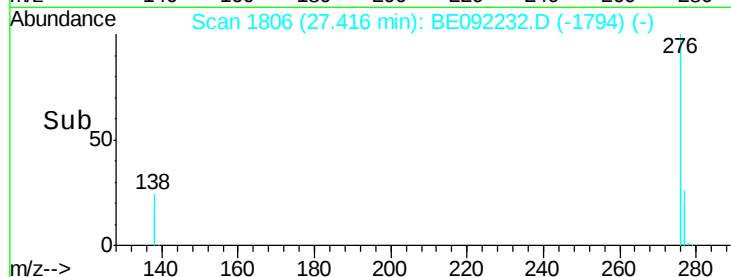
Tgt Ion: 276 Resp: 28540

Ion Ratio Lower Upper

276 100

277 25.7 19.5 29.3

138 24.0 20.8 31.2



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

