

Data Path : Z:\HPCHEM1\BNA E\DATA\BE080216\
 Data File : BE092119.D
 Acq On : 2 Aug 2016 20:06
 Operator : UM/SJ
 Sample : PB92496BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB92496BSD

Quant Time: Aug 03 03:53:55 2016
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-PAH-BE080216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 02 16:59:37 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	11755	5.00	ng	0.00
6) Naphthalene-d8	10.99	136	50486	5.00	ng	0.00
10) Acenaphthene-d10	14.85	164	24650	5.00	ng	0.00
16) Phenanthrene-d10	17.56	188	48049	5.00	ng	-0.02
22) Chrysene-d12	21.75	240	53601	5.00	ng	0.00
28) Perylene-d12	24.14	264	25513	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.69	112	22300	7.39	ng	0.00
5) Phenol-d6	7.34	99	28672	7.13	ng	-0.01
7) Nitrobenzene-d5	9.34	82	13329	3.35	ng	-0.01
11) 2,4,6-Tribromophenol	16.33	330	6166	7.70	ng	0.00
12) 2-Fluorobiphenyl	13.46	172	28255	3.62	ng	0.00
24) Terphenyl-d14	20.19	244	31772	4.13	ng	-0.02

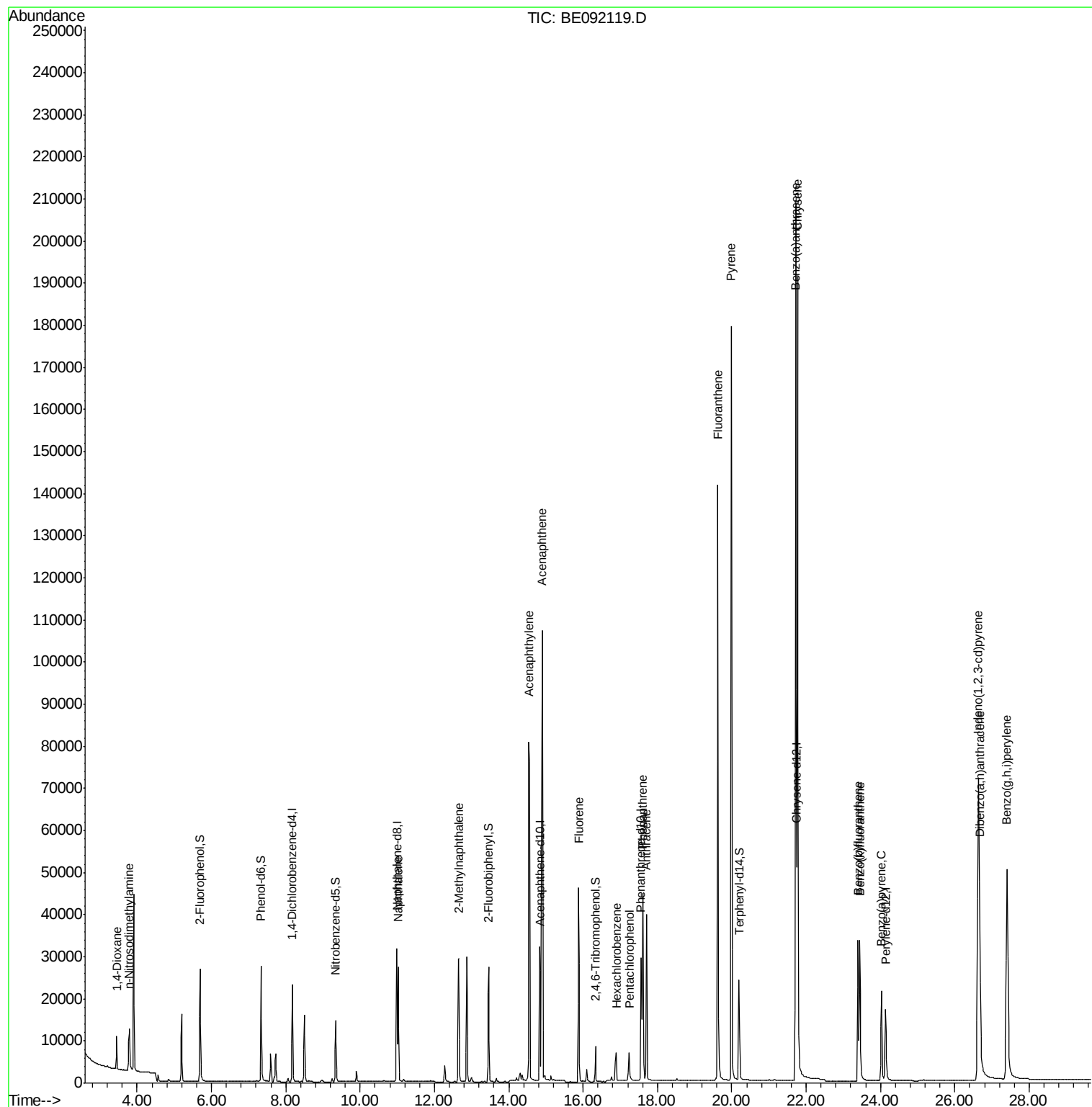
Target Compounds						Qvalue
2) 1,4-Dioxane	3.44	88	4477	2.80	ng	# 81
3) n-Nitrosodimethylamine	3.78	42	8787	3.97	ng	# 87
8) Naphthalene	11.03	128	37522	3.46	ng	95
9) 2-Methylnaphthalene	12.65	142	25188	3.51	ng	98
13) Acenaphthylene	14.54	152	145819	3.35	ng	98
14) Acenaphthene	14.90	154	23465	3.39	ng	# 97
15) Fluorene	15.88	166	29018	3.30	ng	99
17) Hexachlorobenzene	16.89	284	8253	3.51	ng	# 60
18) Pentachlorophenol	17.24	266	6000	6.81	ng	# 82
19) Phenanthrene	17.61	178	50895	3.89	ng	99
20) Anthracene	17.70	178	46911	3.67	ng	99
21) Fluoranthene	19.63	202	195033	3.32	ng	96
23) Pvrene	19.99	202	205902	3.67	ng	98
25) Benzo(a)anthracene	21.72	228	206410	3.50	ng	96
26) Chrysene	21.77	228	196887	3.34	ng	# 87
27) Indeno(1,2,3-cd)pyrene	26.63	276	164388	2.57	ng	98
29) Benzo(b)fluoranthene	23.40	252	48413	6.94	ng	97
30) Benzo(k)fluoranthene	23.45	252	46495	6.97	ng	96
31) Benzo(a)pvrene	24.02	252	35492	5.53	ng	96
32) Dibenzo(a,h)anthracene	26.67	278	39657	6.48	ng	# 92
33) Benzo(g,h,i)perylene	27.40	276	133783	5.12	ng	97

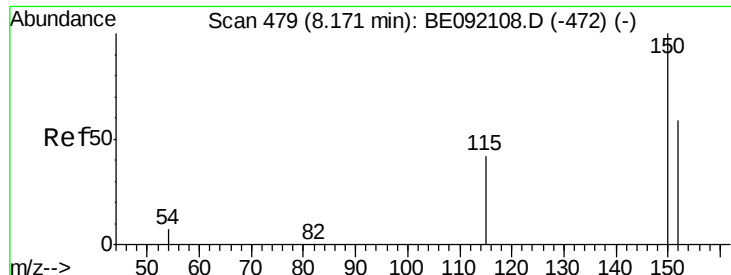
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE092119.D

Acq: 2 Aug 2016 20:06

Instrument :

BNA_E

ClientSampleId :

PB92496BSD

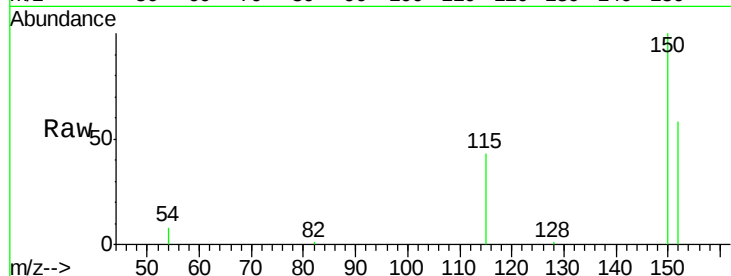
Tot Ion:152 Resp: 11755

Ion Ratio Lower Upper

152 100

150 171.7 106.0 159.0#

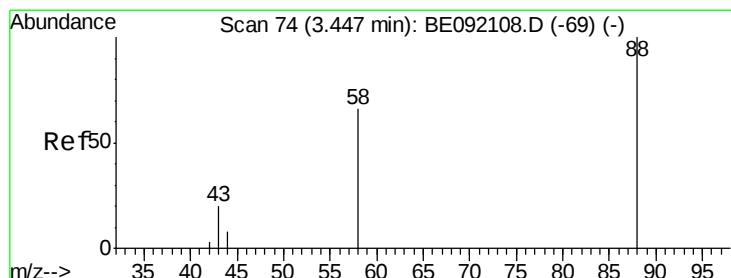
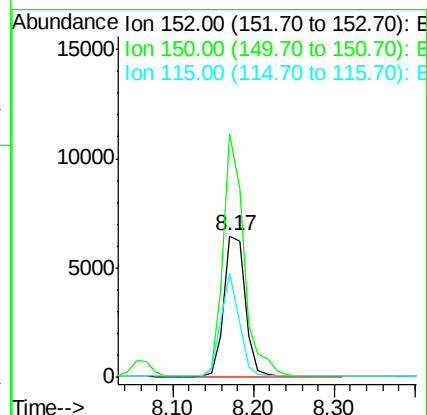
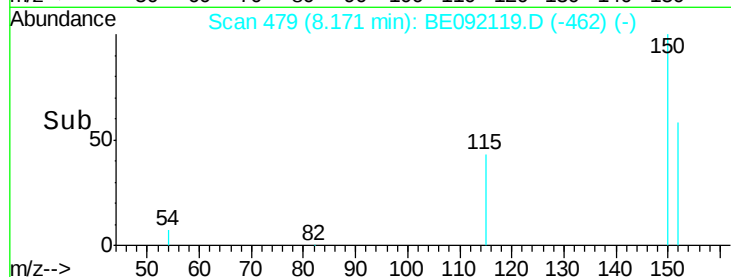
115 73.7 36.9 55.3#



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: 2.80 ng

RT: 3.44 min Scan# 74

Delta R.T. -0.00 min

Lab File: BE092119.D

Acq: 2 Aug 2016 20:06

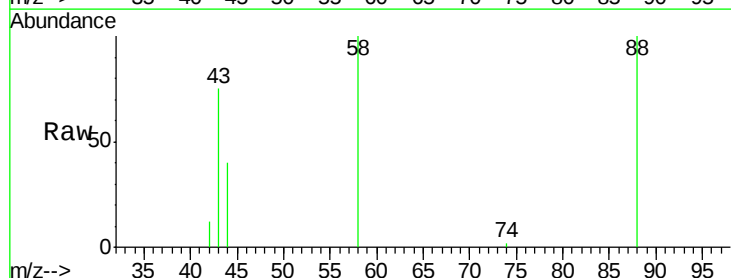
Tgt Ion: 88 Resp: 4477

Ion Ratio Lower Upper

88 100

58 91.5 62.1 93.1

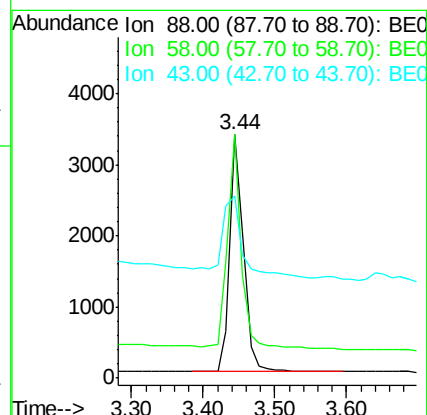
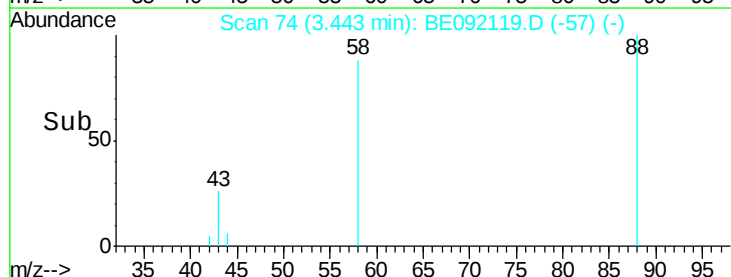
43 49.0 27.2 40.8#

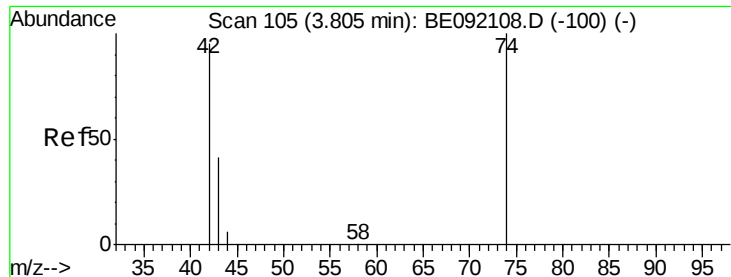


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 3.97 ng

RT: 3.78 min Scan# 103

Delta R.T. -0.03 min

Lab File: BE092119.D

Acq: 2 Aug 2016 20:06

Instrument :

BNA_E

ClientSampleId :

PB92496BSD

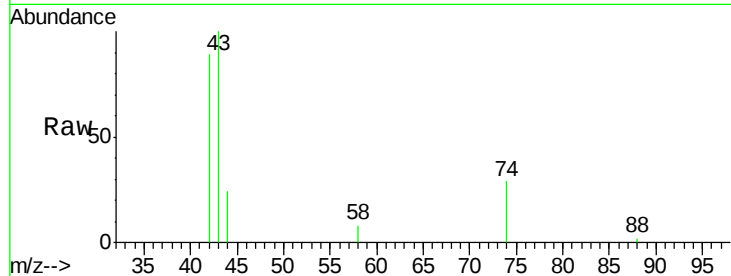
Tot Ion: 42 Resp: 8787

Ion Ratio Lower Upper

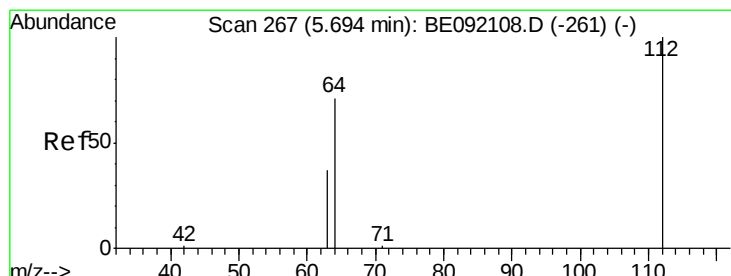
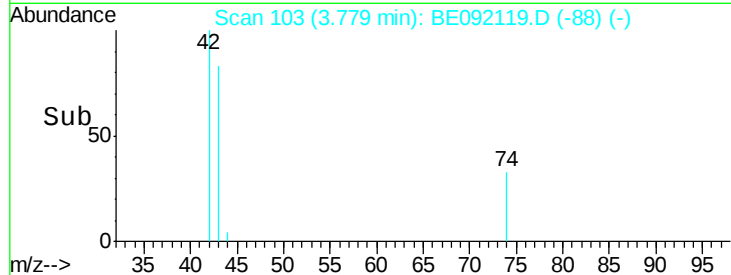
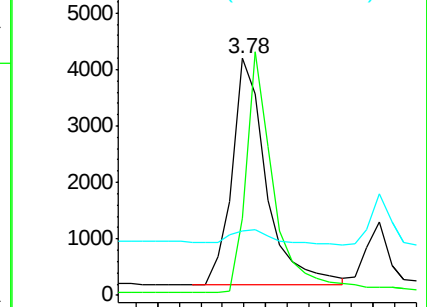
42 100

74 89.8 82.8 124.2

44 7.9 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



#4

2-Fluorophenol

Concen: 7.39 ng

RT: 5.69 min Scan# 267

Delta R.T. -0.00 min

Lab File: BE092119.D

Acq: 2 Aug 2016 20:06

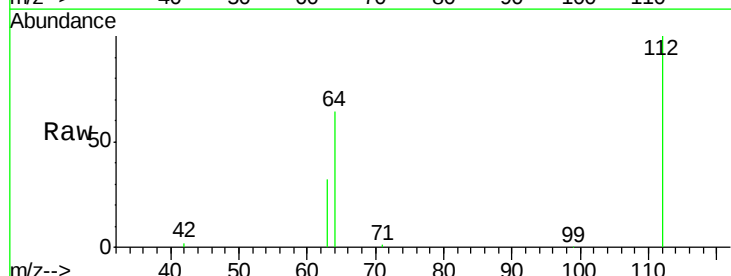
Tgt Ion: 112 Resp: 22300

Ion Ratio Lower Upper

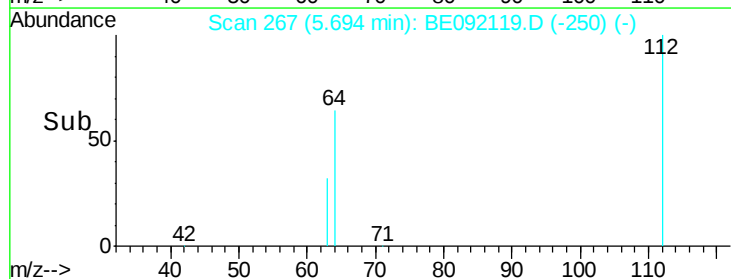
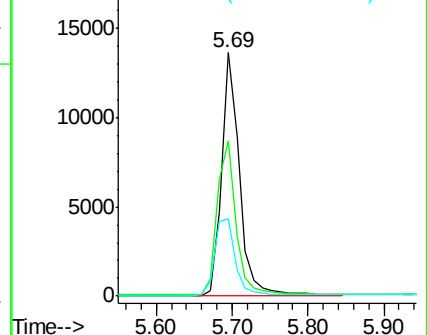
112 100

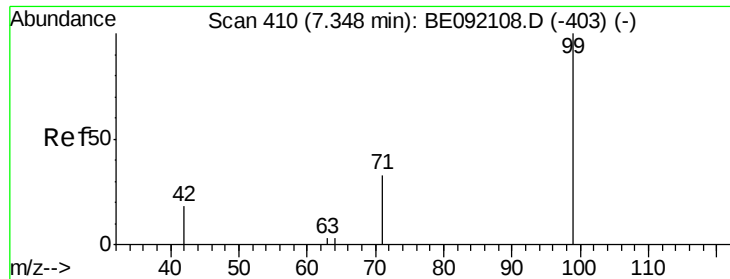
64 66.7 55.9 83.9

63 36.3 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





#5

Phenol-d6

Concen: 7.13 ng

RT: 7.34 min Scan# 409

Delta R.T. -0.01 min

Lab File: BE092119.D

Acq: 2 Aug 2016 20:06

Instrument :

BNA_E

ClientSampleId :

PB92496BSD

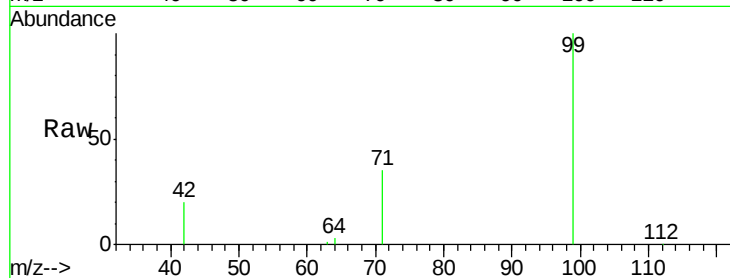
Tot Ion: 99 Resp: 28672

Ion Ratio Lower Upper

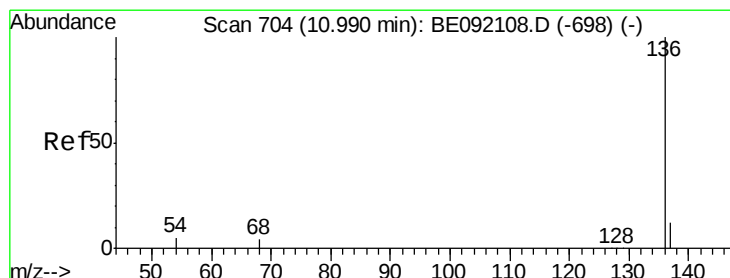
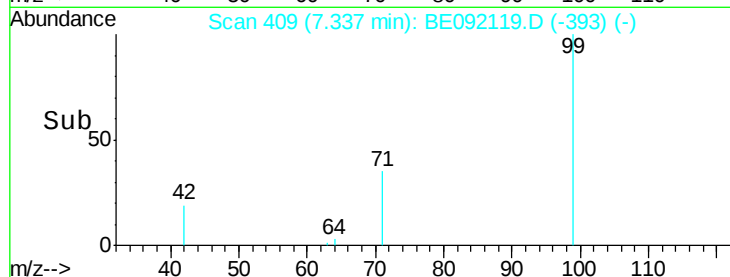
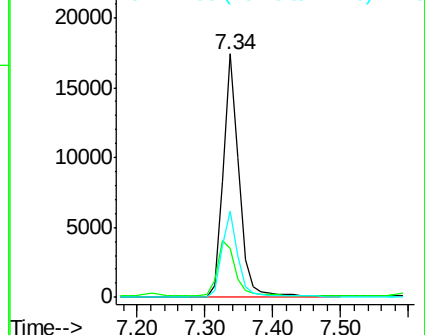
99 100

42 25.3 22.4 33.6

71 35.4 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: 10.99 min Scan# 704

Delta R.T. -0.00 min

Lab File: BE092119.D

Acq: 2 Aug 2016 20:06

Tgt Ion: 136 Resp: 50486

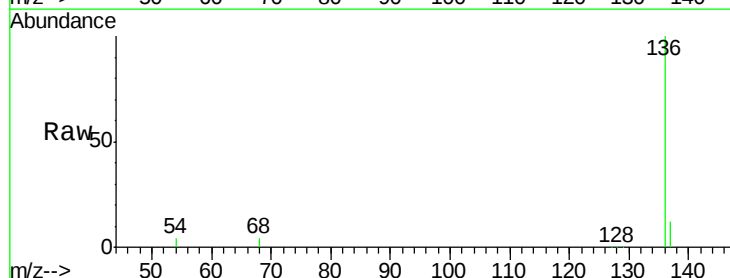
Ion Ratio Lower Upper

136 100

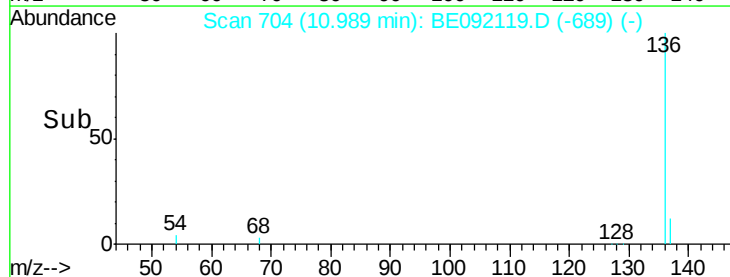
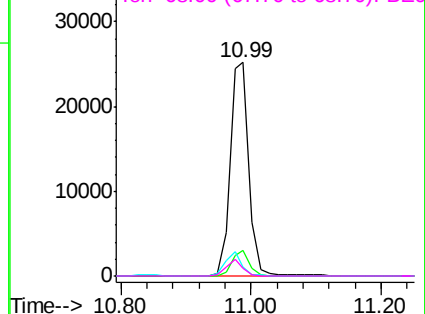
137 11.8 9.1 13.7

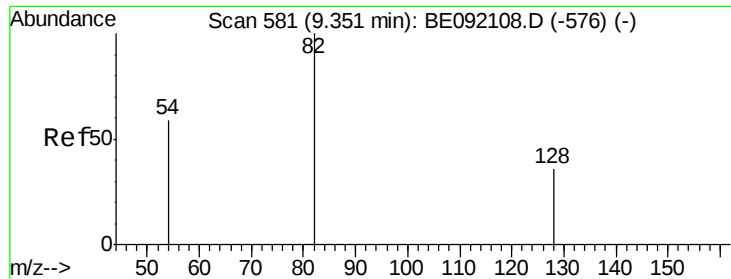
54 4.4 2.7 4.1#

68 3.7 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: 3.35 ng

RT: 9.34 min Scan# 580

Delta R.T. -0.01 min

Lab File: BE092119.D

Acq: 2 Aug 2016 20:06

Instrument :

BNA_E

ClientSampleId :

PB92496BSD

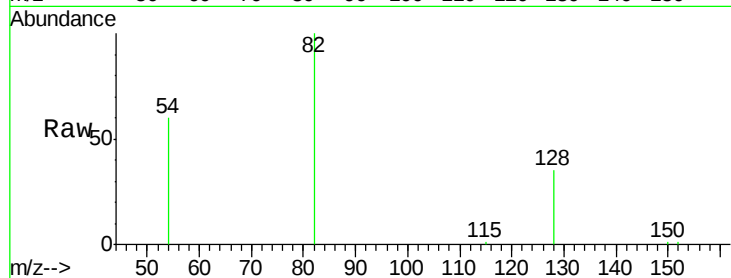
Tot Ion: 82 Resp: 13329

Ion Ratio Lower Upper

82 100

128 35.2 33.0 49.4

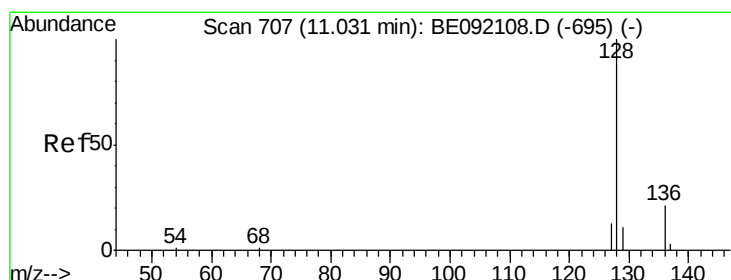
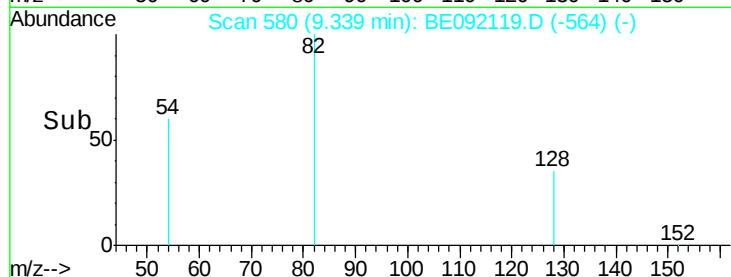
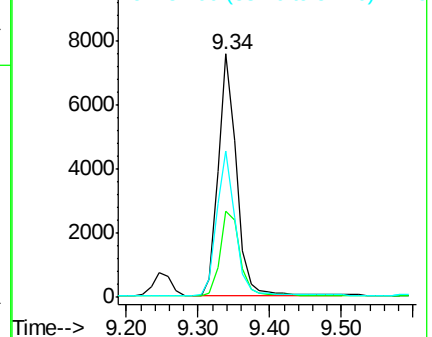
54 60.0 42.6 63.8



Abundance Ion 82.00 (81.70 to 82.70): BE092119.D (-564) (-)

Ion 128.00 (127.70 to 128.70): BE092119.D (-564) (-)

Ion 54.00 (53.70 to 54.70): BE092119.D (-564) (-)



#8

Naphthalene

Concen: 3.46 ng

RT: 11.03 min Scan# 707

Delta R.T. -0.00 min

Lab File: BE092119.D

Acq: 2 Aug 2016 20:06

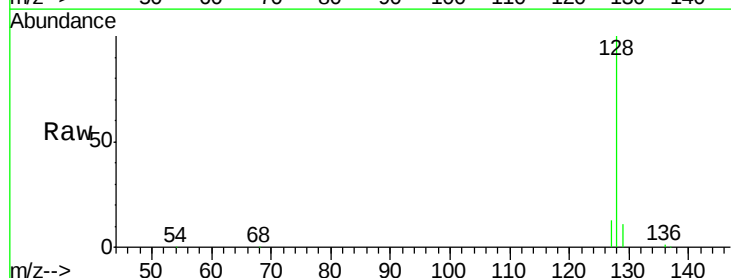
Tgt Ion: 128 Resp: 37522

Ion Ratio Lower Upper

128 100

129 11.3 11.1 16.7

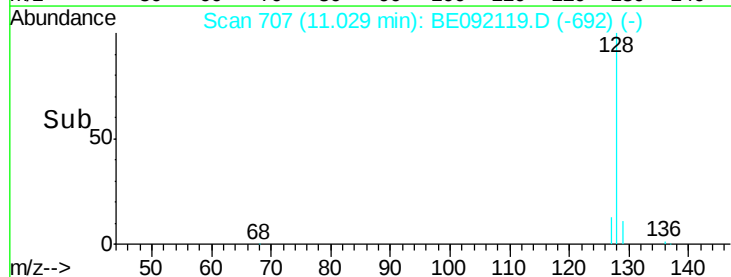
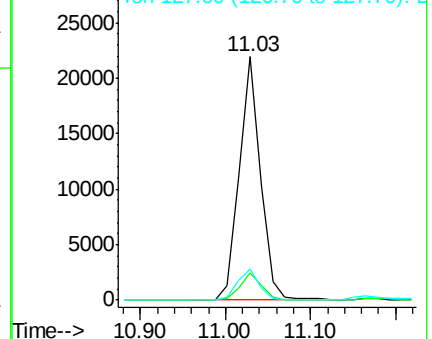
127 12.8 11.3 16.9

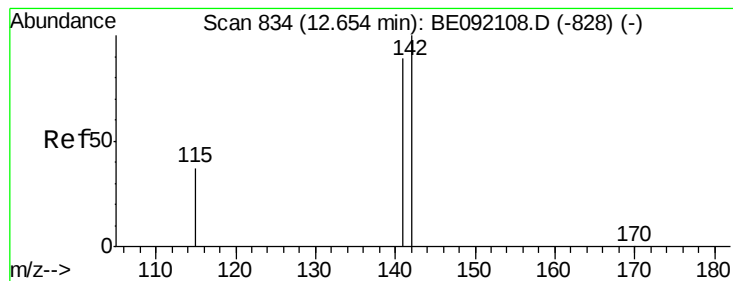


Abundance Ion 128.00 (127.70 to 128.70): BE092119.D (-692) (-)

Ion 129.00 (128.70 to 129.70): BE092119.D (-692) (-)

Ion 127.00 (126.70 to 127.70): BE092119.D (-692) (-)





#9

2-Methylnaphthalene

Concen: 3.51 ng

RT: 12.65 min Scan# 834

Delta R.T. -0.00 min

Lab File: BE092119.D

Acq: 2 Aug 2016 20:06

Instrument :

BNA_E

ClientSampleId :

PB92496BSD

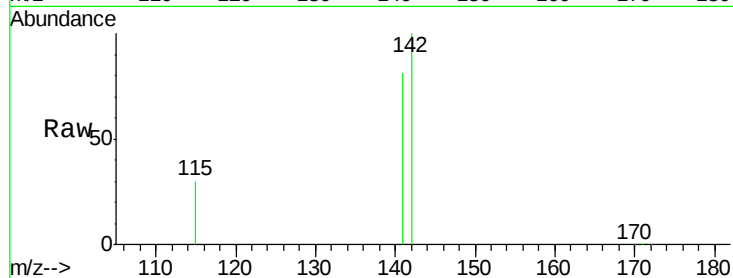
Tot Ion:142 Resp: 25188

Ion Ratio Lower Upper

142 100

141 81.0 65.1 97.7

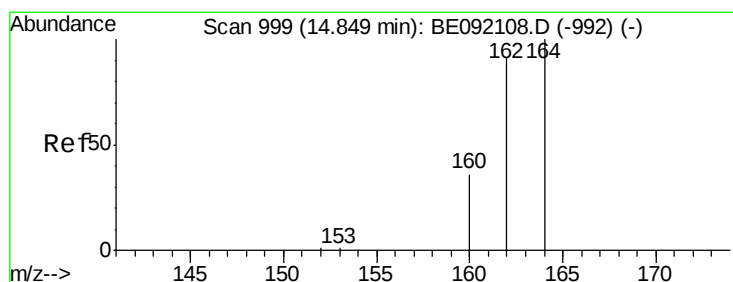
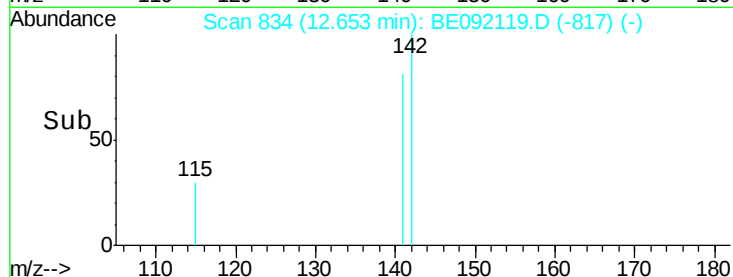
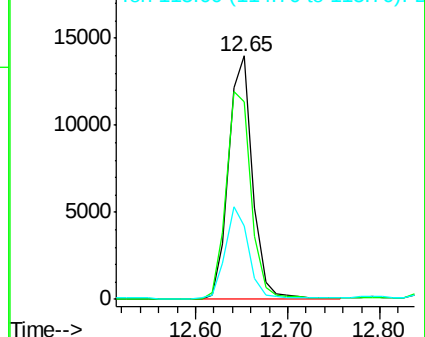
115 29.9 27.0 40.4



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: 14.85 min Scan# 999

Delta R.T. 0.00 min

Lab File: BE092119.D

Acq: 2 Aug 2016 20:06

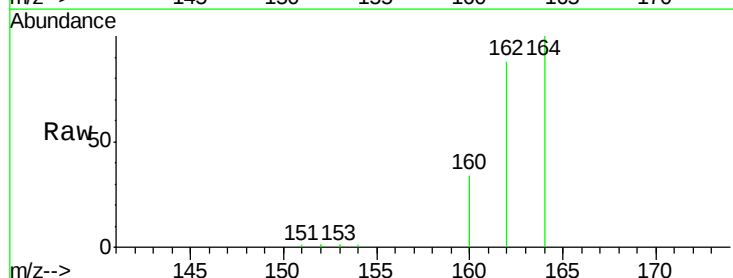
Tgt Ion:164 Resp: 24650

Ion Ratio Lower Upper

164 100

162 87.7 69.5 104.3

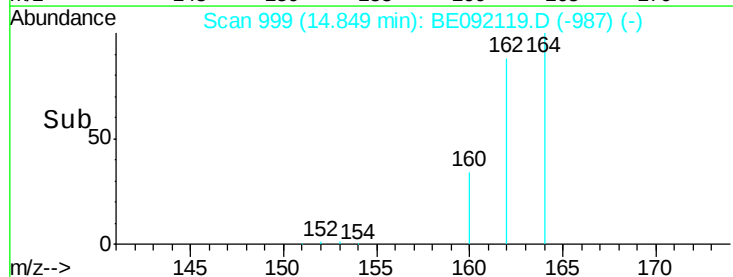
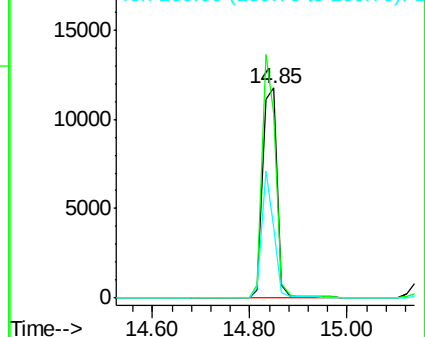
160 33.8 27.6 41.4

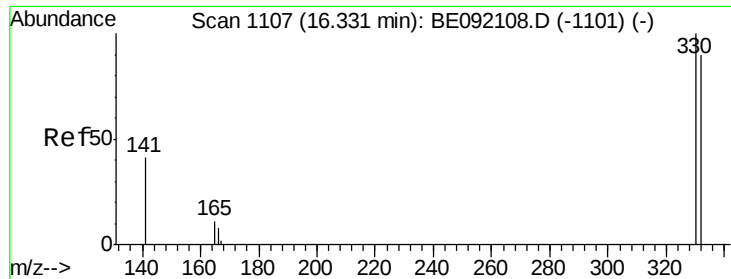


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

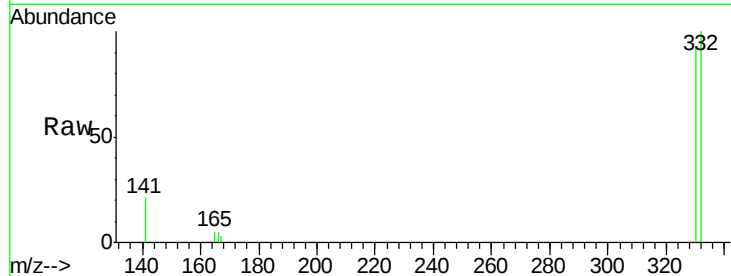




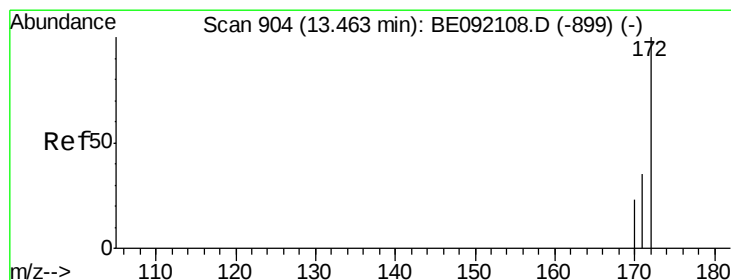
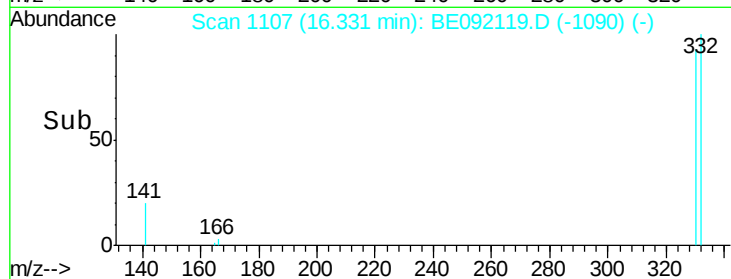
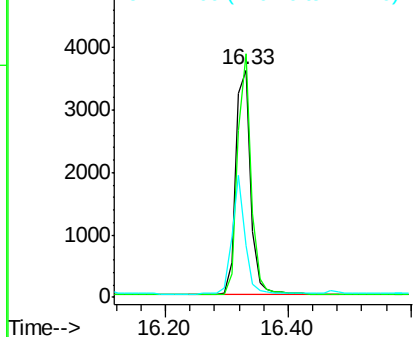
#11
 2,4,6-Tribromophenol
 Concen: 7.70 ng
 RT: 16.33 min Scan# 1107
 Delta R.T. 0.00 min
 Lab File: BE092119.D
 Acq: 2 Aug 2016 20:06

Instrument :
 BNA_E
 ClientSampleId :
 PB92496BSD

Tot Ion:330 Resp: 6166
 Ion Ratio Lower Upper
 330 100
 332 97.7 74.2 111.4
 141 45.3 139.8 209.8#

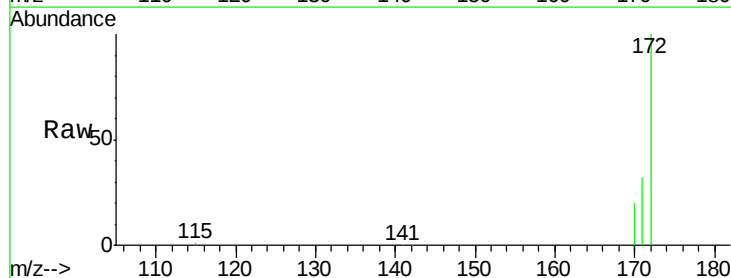


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

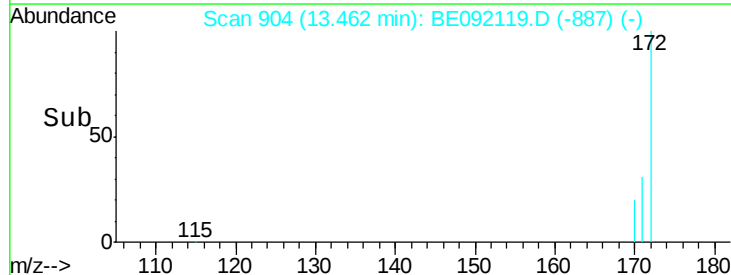
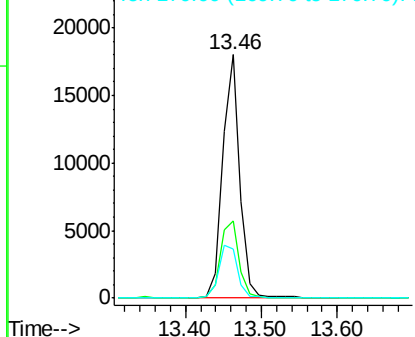


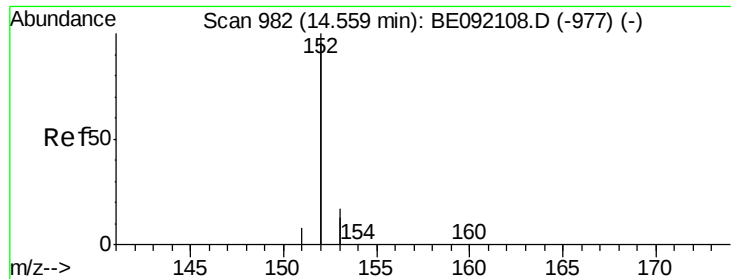
#12
 2-Fluorobiphenyl
 Concen: 3.62 ng
 RT: 13.46 min Scan# 904
 Delta R.T. -0.00 min
 Lab File: BE092119.D
 Acq: 2 Aug 2016 20:06

Tgt Ion:172 Resp: 28255
 Ion Ratio Lower Upper
 172 100
 171 31.9 30.3 45.5
 170 19.9 21.6 32.4#



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#13

Acenaphthylene

Concen: 3.35 ng

RT: 14.54 min Scan# 981

Delta R.T. -0.02 min

Lab File: BE092119.D

Acq: 2 Aug 2016 20:06

Instrument :

BNA_E

ClientSampleId :

PB92496BSD

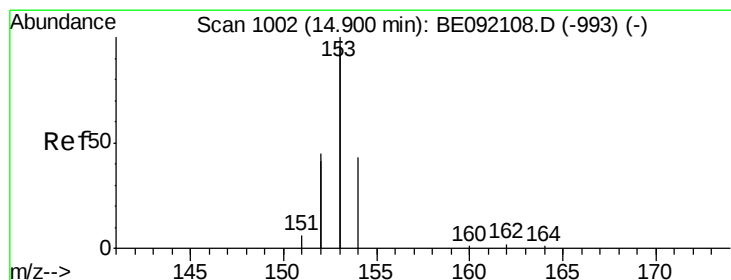
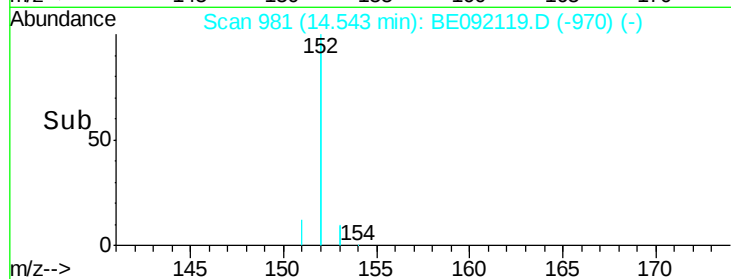
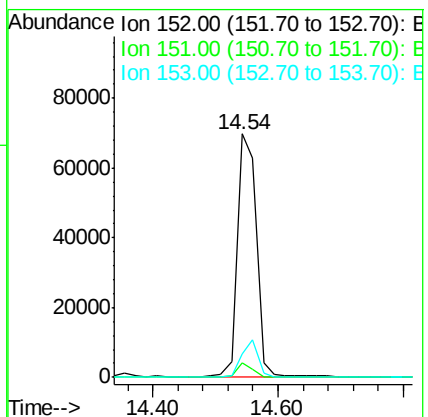
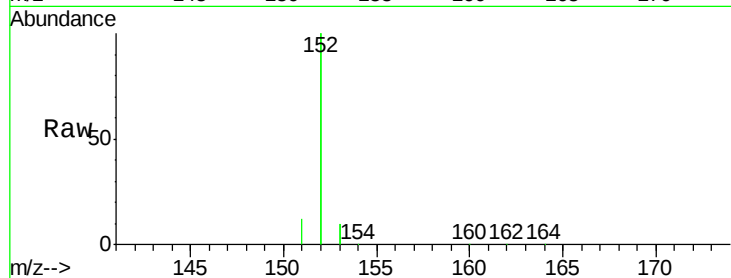
Tot Ion:152 Resp: 145819

Ion Ratio Lower Upper

152 100

151 4.9 4.0 6.0

153 13.2 9.6 14.4



#14

Acenaphthene

Concen: 3.39 ng

RT: 14.90 min Scan# 1002

Delta R.T. 0.00 min

Lab File: BE092119.D

Acq: 2 Aug 2016 20:06

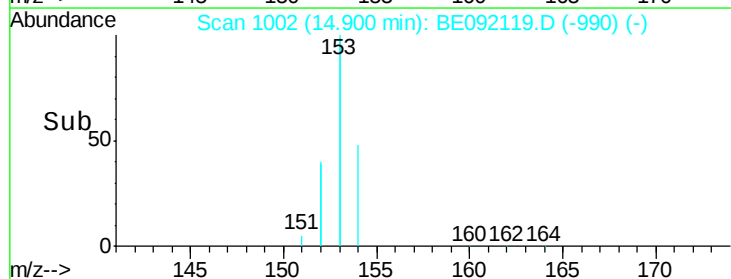
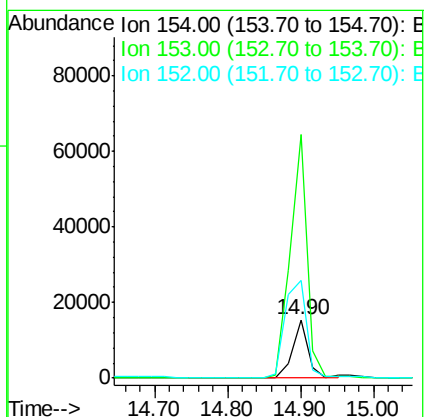
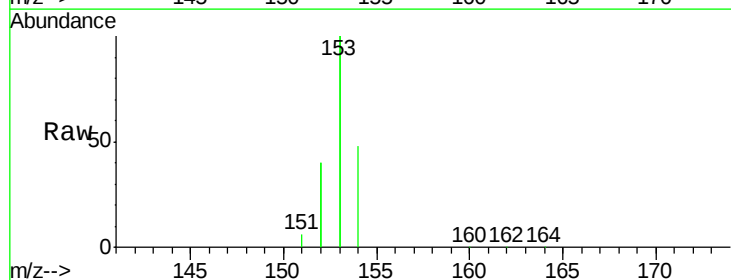
Tgt Ion:154 Resp: 23465

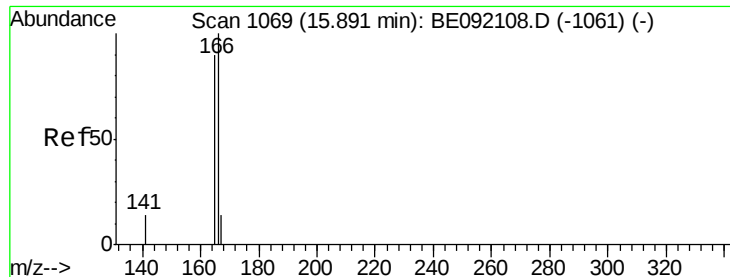
Ion Ratio Lower Upper

154 100

153 439.9 345.1 517.7

152 219.1 0.0 0.0#





#15

Fluorene

Concen: 3.30 ng

RT: 15.88 min Scan# 1068

Delta R.T. -0.01 min

Lab File: BE092119.D

Acq: 2 Aug 2016 20:06

Instrument :

BNA_E

ClientSampleId :

PB92496BSD

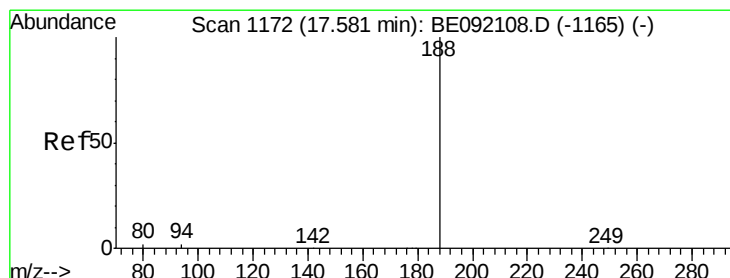
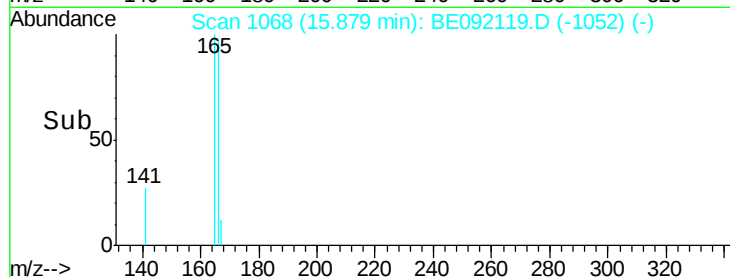
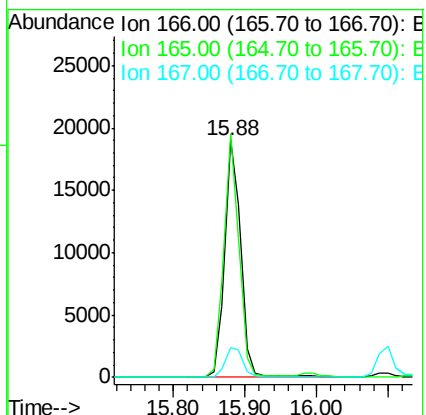
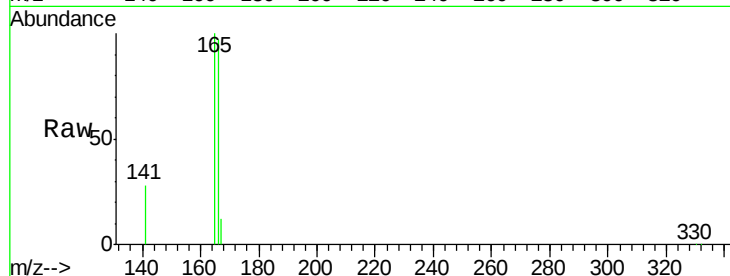
Tot Ion:166 Resp: 29018

Ion Ratio Lower Upper

166 100

165 97.5 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: BE092119.D

Acq: 2 Aug 2016 20:06

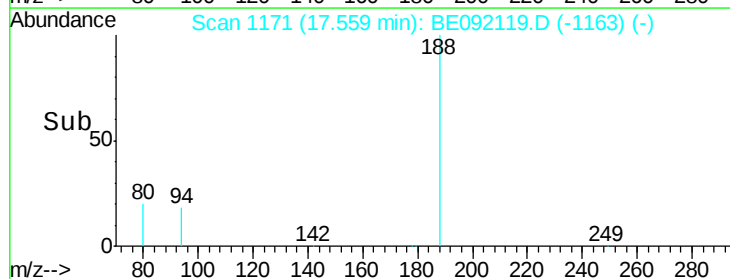
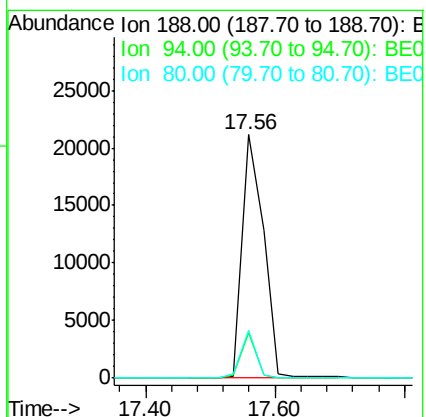
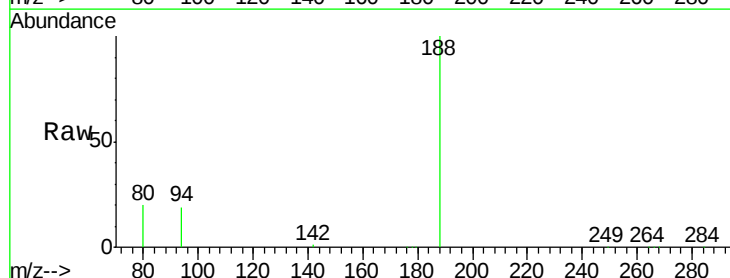
Tgt Ion:188 Resp: 48049

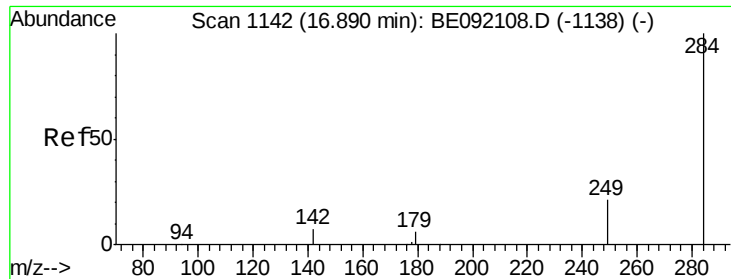
Ion Ratio Lower Upper

188 100

94 18.5 3.9 5.9#

80 19.8 3.4 5.0#

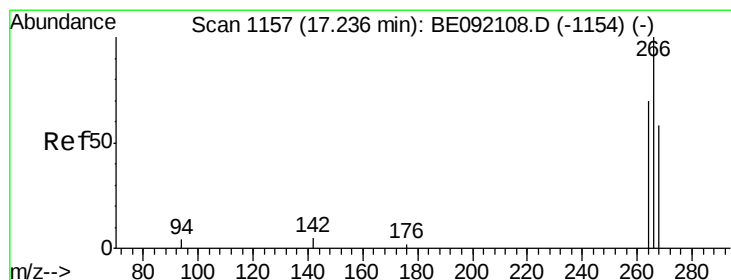
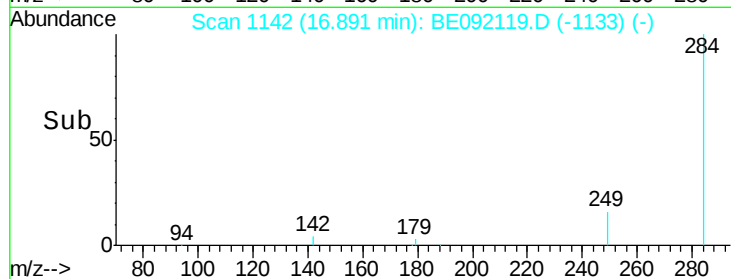
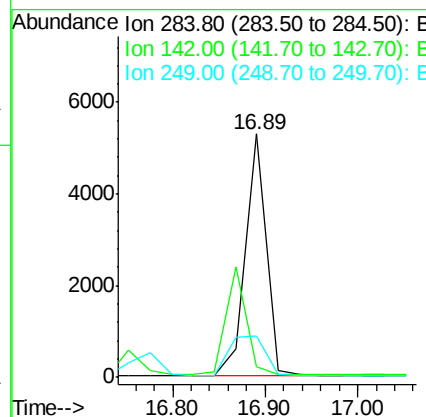
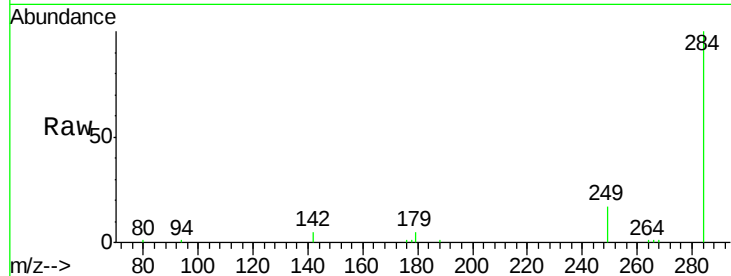




#17
Hexachlorobenzene
Concen: 3.51 ng
RT: 16.89 min Scan# 1142
Delta R.T. 0.00 min
Lab File: BE092119.D
Acq: 2 Aug 2016 20:06

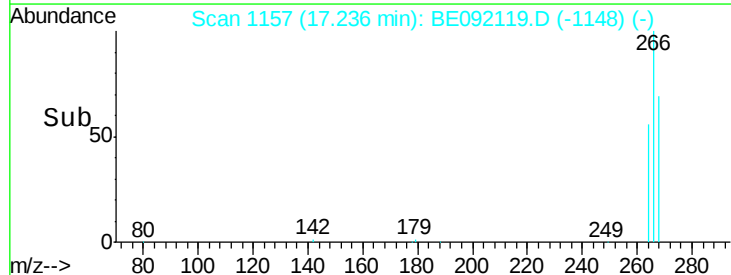
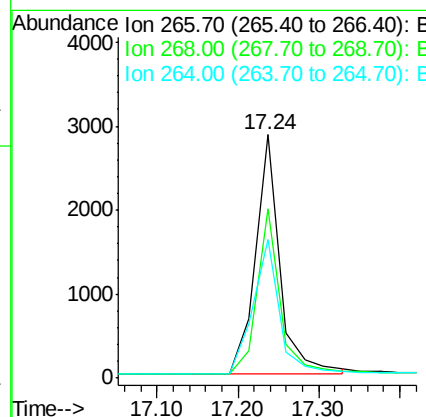
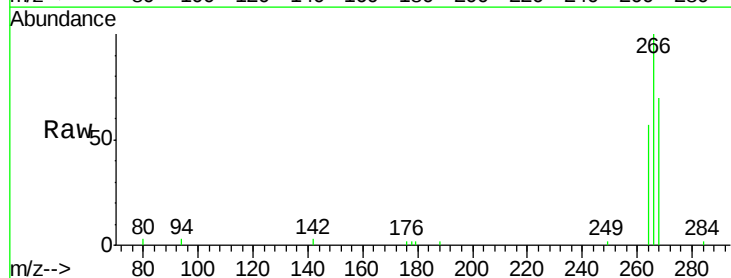
Instrument :
BNA_E
ClientSampleId :
PB92496BSD

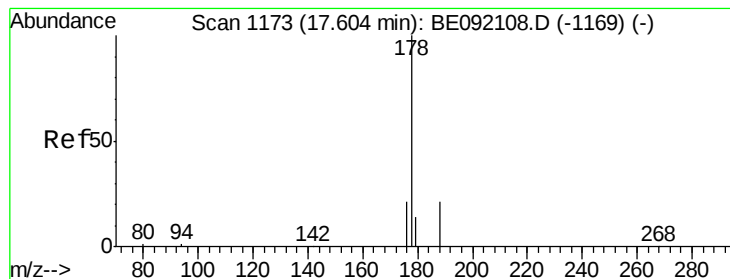
Tot Ion:284 Resp: 8253
Ion Ratio Lower Upper
284 100
142 0.0 33.3 49.9#
249 28.2 25.4 38.0



#18
Pentachlorophenol
Concen: 6.81 ng
RT: 17.24 min Scan# 1157
Delta R.T. 0.00 min
Lab File: BE092119.D
Acq: 2 Aug 2016 20:06

Tgt Ion:266 Resp: 6000
Ion Ratio Lower Upper
266 100
268 69.8 62.7 94.1
264 56.8 63.5 95.3#





#19

Phenanthrene

Concen: 3.89 ng

RT: 17.61 min Scan# 1173

Delta R.T. 0.00 min

Lab File: BE092119.D

Acq: 2 Aug 2016 20:06

Instrument :

BNA_E

ClientSampleId :

PB92496BSD

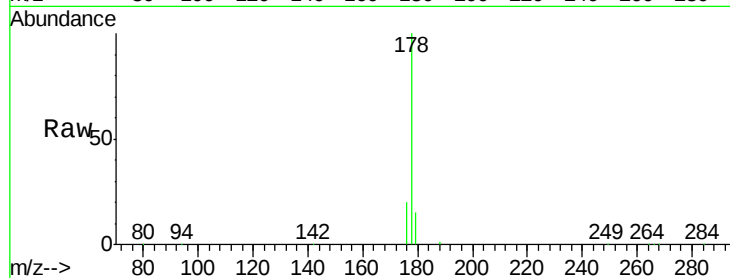
Tot Ion:178 Resp: 50895

Ion Ratio Lower Upper

178 100

176 19.5 15.4 23.0

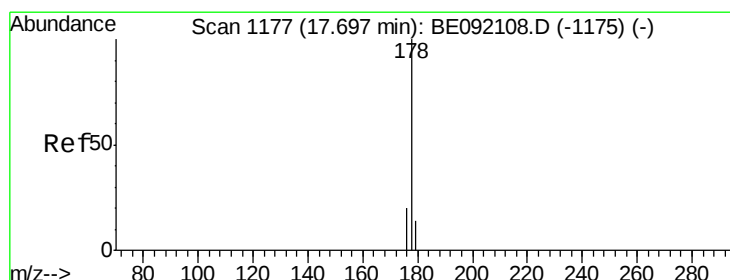
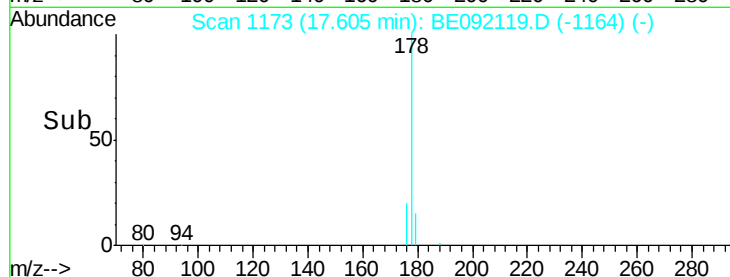
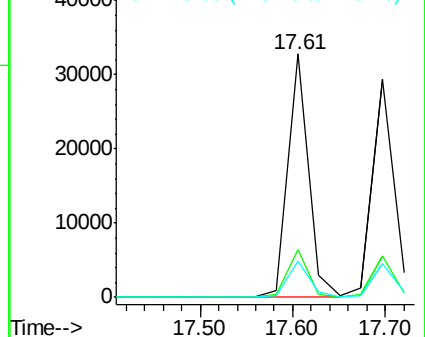
179 15.1 12.7 19.1



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: 3.67 ng

RT: 17.70 min Scan# 1177

Delta R.T. 0.00 min

Lab File: BE092119.D

Acq: 2 Aug 2016 20:06

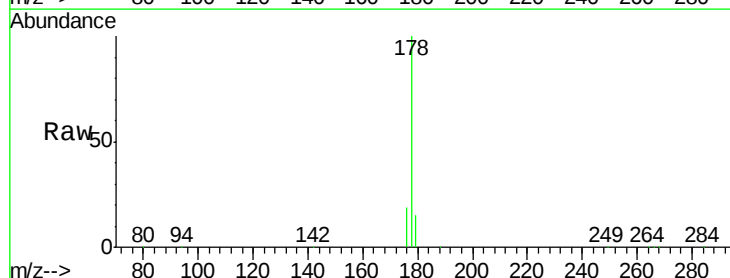
Tgt Ion:178 Resp: 46911

Ion Ratio Lower Upper

178 100

176 18.6 15.2 22.8

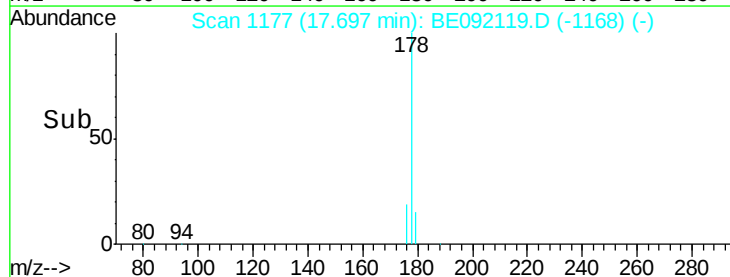
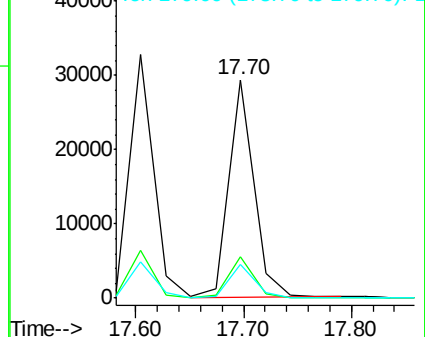
179 15.2 12.2 18.4

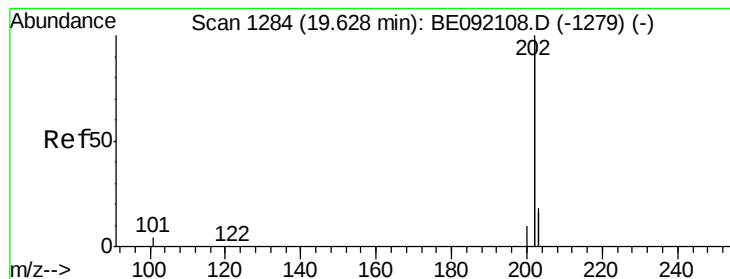


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#21

Fluoranthene

Concen: 3.32 ng

RT: 19.63 min Scan# 1284

Delta R.T. 0.00 min

Lab File: BE092119.D

Acq: 2 Aug 2016 20:06

Instrument :

BNA_E

ClientSampleId :

PB92496BSD

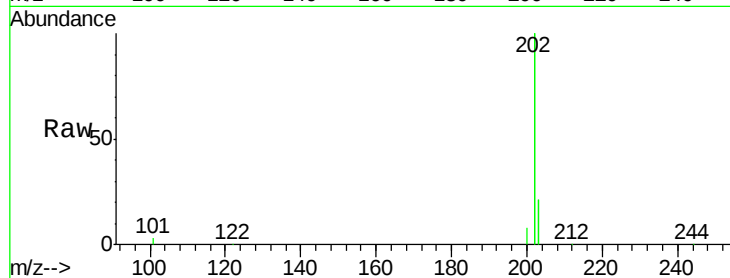
Tot Ion:202 Resp: 195033

Ion Ratio Lower Upper

202 100

101 3.0 2.2 3.2

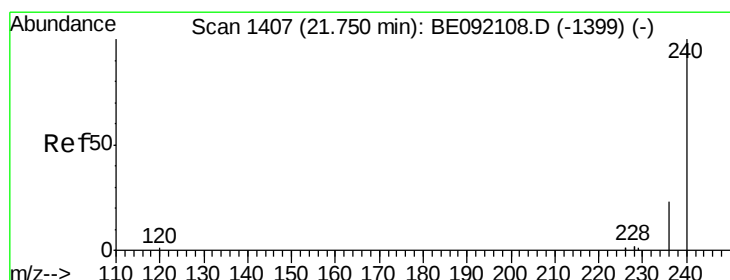
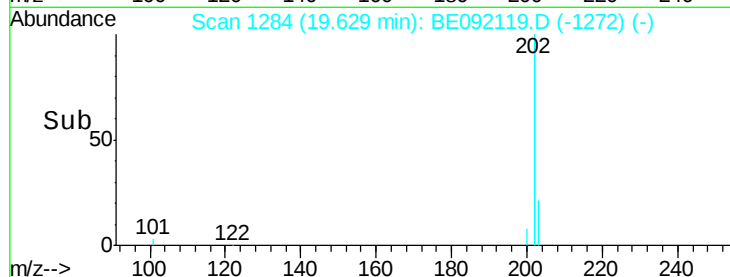
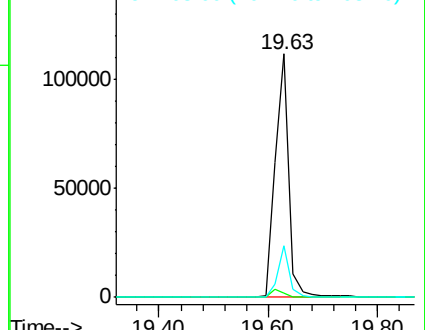
203 17.9 13.0 19.4



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: BE092119.D

Acq: 2 Aug 2016 20:06

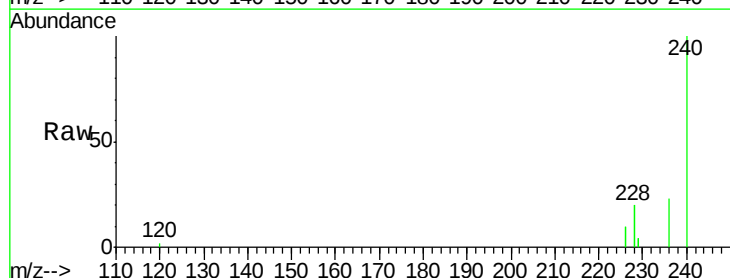
Tgt Ion:240 Resp: 53601

Ion Ratio Lower Upper

240 100

120 1.7 0.6 1.0#

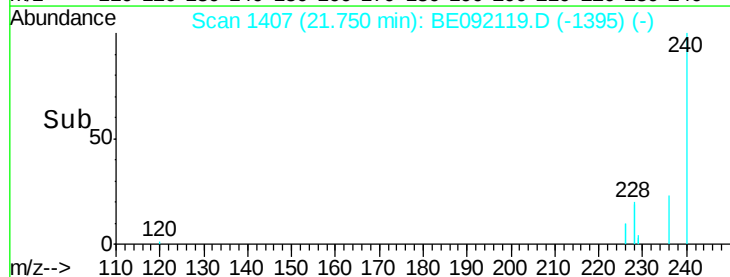
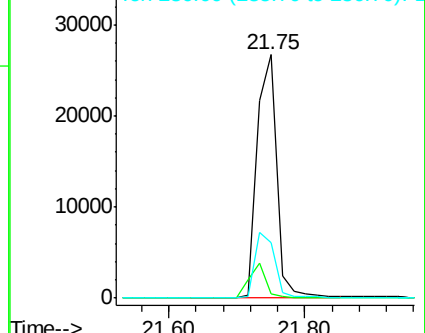
236 22.8 18.2 27.4

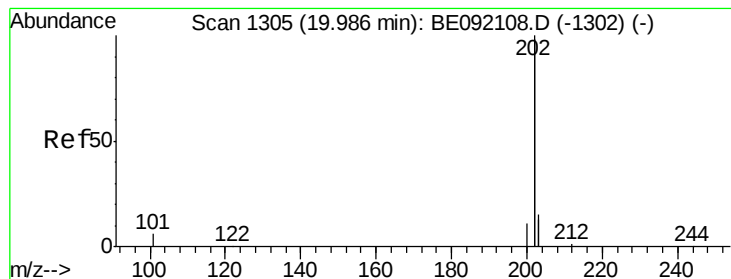


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#23

Pvrene

Concen: 3.67 ng

RT: 19.99 min Scan# 1305

Delta R.T. 0.00 min

Lab File: BE092119.D

Acq: 2 Aug 2016 20:06

Instrument :

BNA_E

ClientSampleId :

PB92496BSD

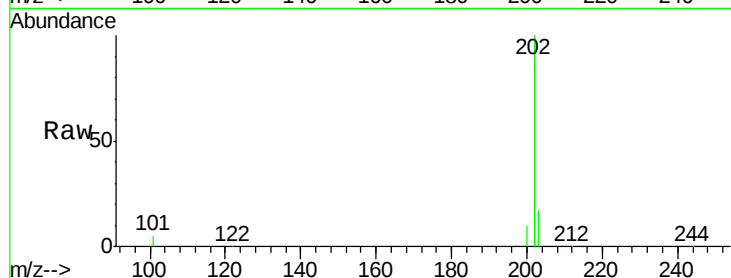
Tot Ion:202 Resp: 205902

Ion Ratio Lower Upper

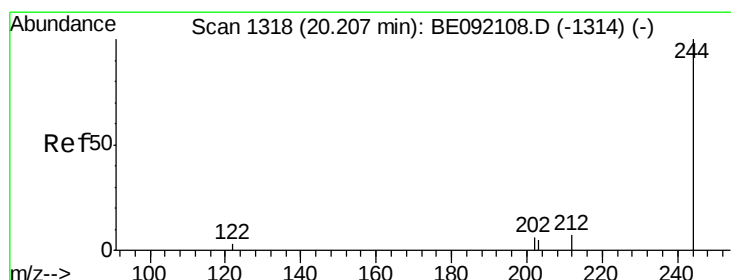
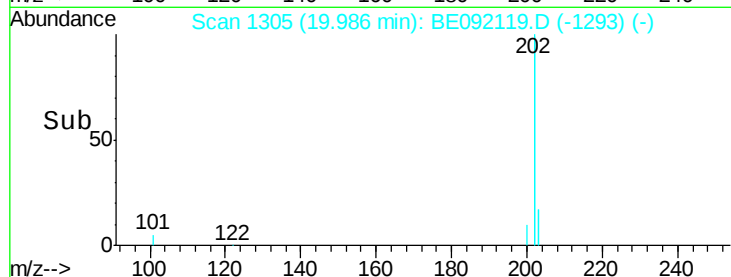
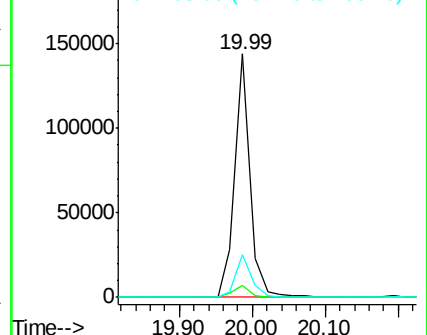
202 100

200 5.4 4.4 6.6

203 17.9 13.4 20.0



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#24

Terphenyl-d14

Concen: 4.13 ng

RT: 20.19 min Scan# 1317

Delta R.T. -0.02 min

Lab File: BE092119.D

Acq: 2 Aug 2016 20:06

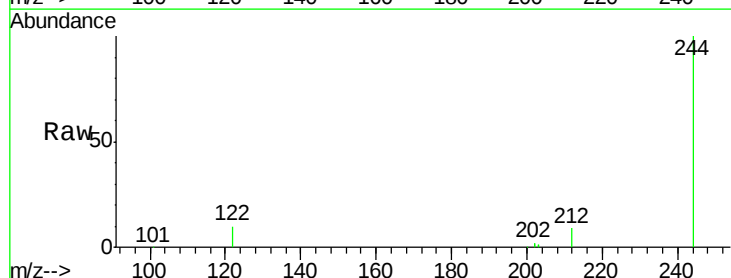
Tgt Ion:244 Resp: 31772

Ion Ratio Lower Upper

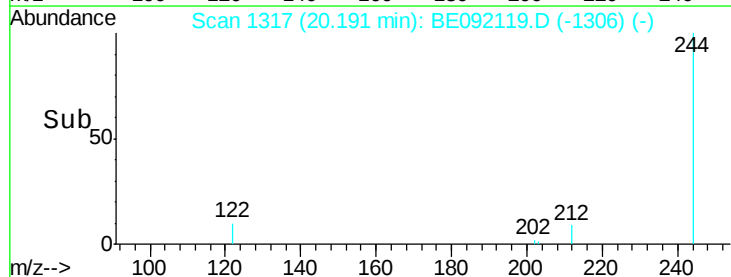
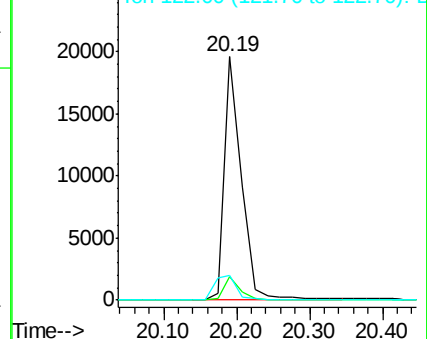
244 100

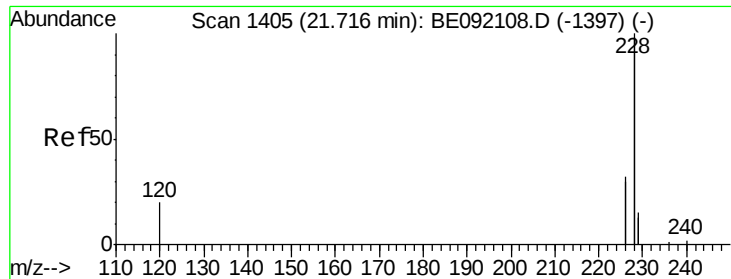
212 9.4 9.1 13.7

122 10.3 11.0 16.4#



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





#25

Benzo(a)anthracene

Concen: 3.50 ng

RT: 21.72 min Scan# 1405

Delta R.T. 0.00 min

Lab File: BE092119.D

Acq: 2 Aug 2016 20:06

Instrument :

BNA_E

ClientSampleId :

PB92496BSD

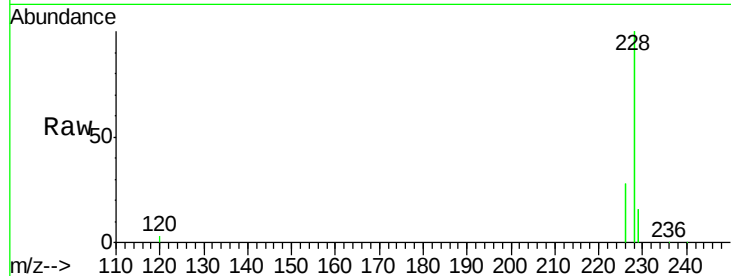
Tot Ion:228 Resp: 206410

Ion Ratio Lower Upper

228 100

226 28.4 22.1 33.1

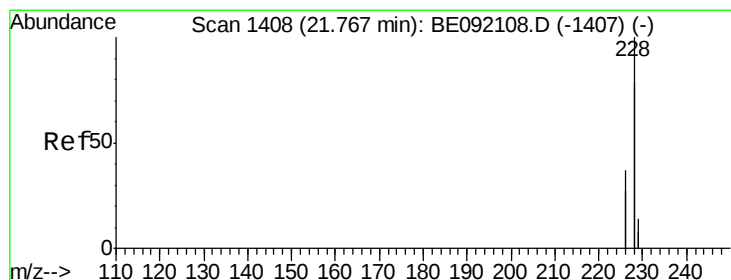
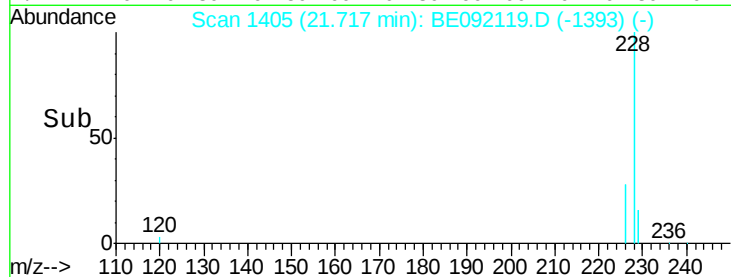
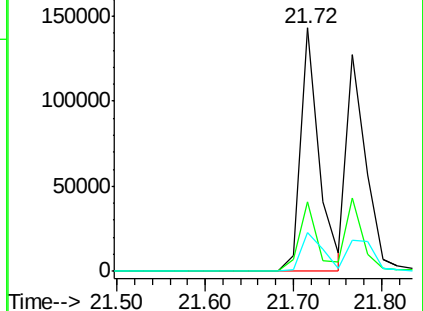
229 15.9 15.1 22.7



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



#26

Chrysene

Concen: 3.34 ng

RT: 21.77 min Scan# 1408

Delta R.T. 0.00 min

Lab File: BE092119.D

Acq: 2 Aug 2016 20:06

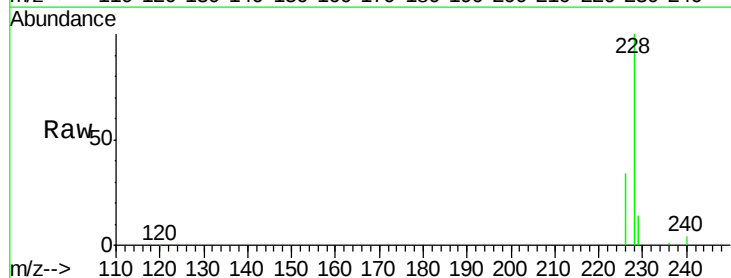
Tgt Ion:228 Resp: 196887

Ion Ratio Lower Upper

228 100

226 34.1 22.3 33.5#

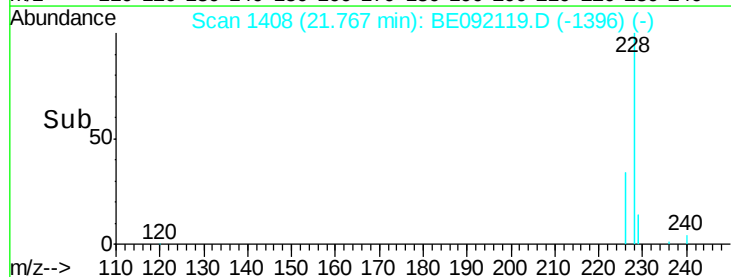
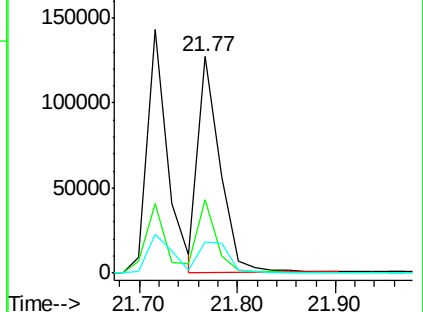
229 14.4 16.9 25.3#

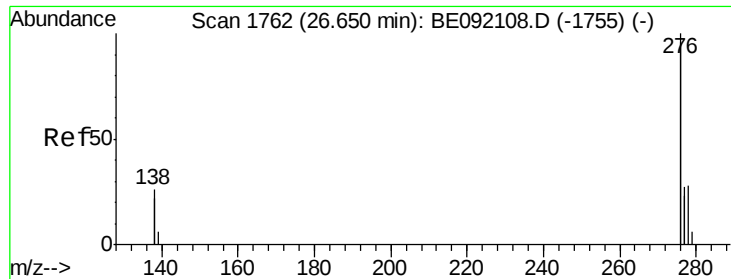


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

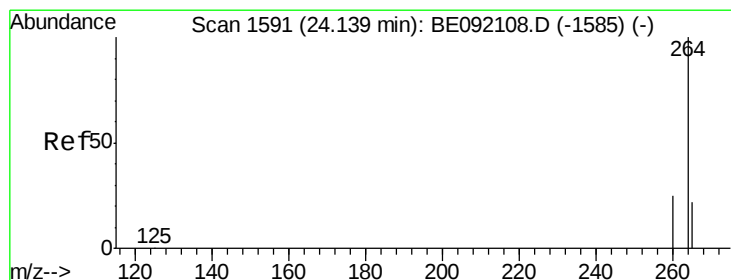
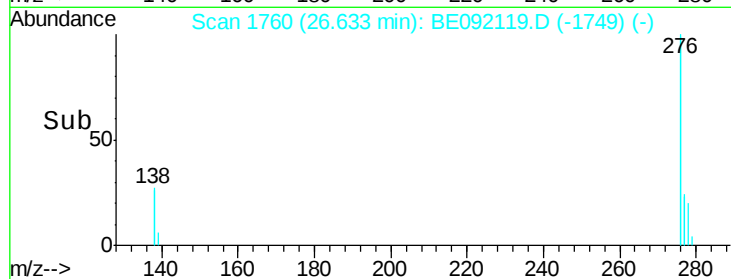
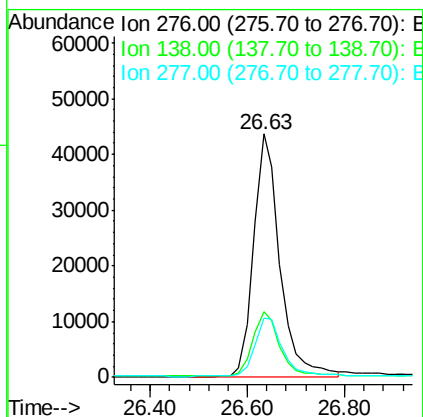
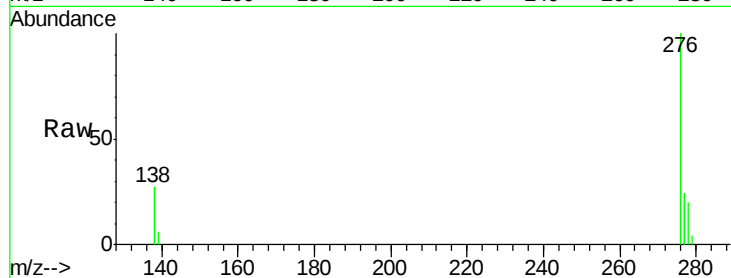




#27
Indeno(1,2,3-cd)pyrene
Concen: 2.57 ng
RT: 26.63 min Scan# 1760
Delta R.T. -0.02 min
Lab File: BE092119.D
Acq: 2 Aug 2016 20:06

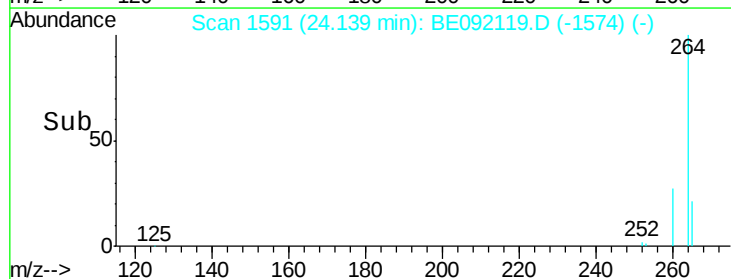
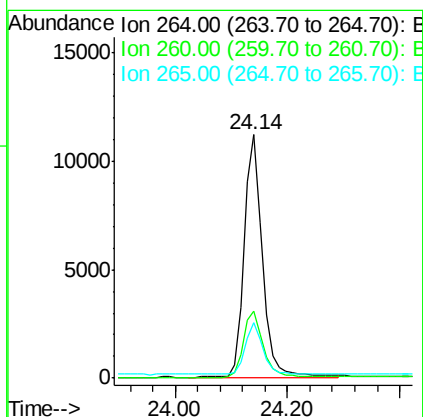
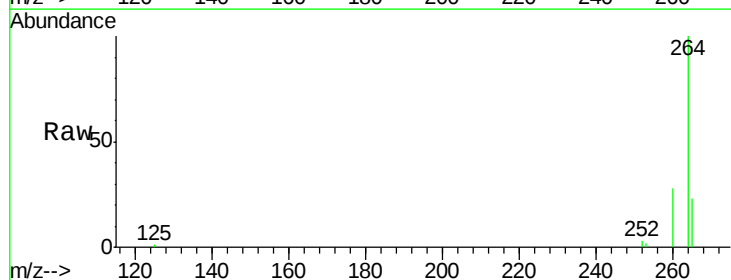
Instrument :
BNA_E
ClientSampleId :
PB92496BSD

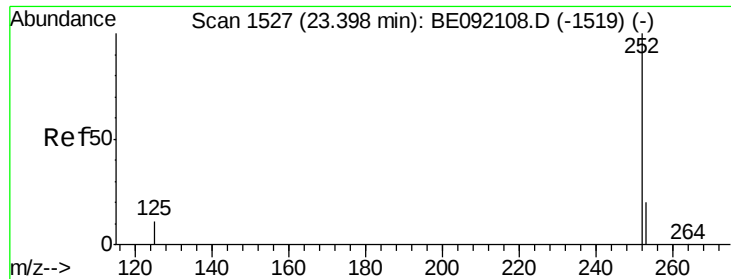
Tot Ion:276 Resp: 164388
Ion Ratio Lower Upper
276 100
138 27.6 21.2 31.8
277 25.2 19.8 29.8



#28
Perylene-d12
Concen: 5.00 ng
RT: 24.14 min Scan# 1591
Delta R.T. 0.00 min
Lab File: BE092119.D
Acq: 2 Aug 2016 20:06

Tgt Ion:264 Resp: 25513
Ion Ratio Lower Upper
264 100
260 27.5 20.8 31.2
265 22.9 16.6 25.0





#29

Benzo(b)fluoranthene

Concen: 6.94 ng

RT: 23.40 min Scan# 1527

Delta R.T. 0.00 min

Lab File: BE092119.D

Acq: 2 Aug 2016 20:06

Instrument :

BNA_E

ClientSampleId :

PB92496BSD

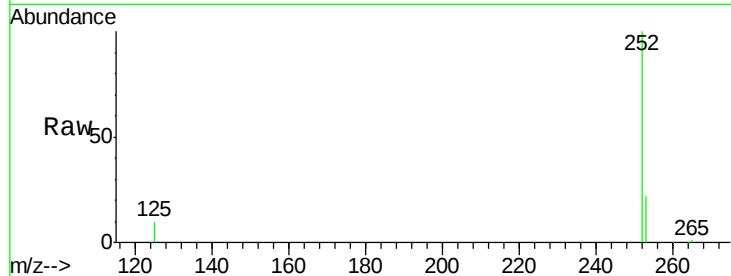
Tot Ion:252 Resp: 48413

Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.0

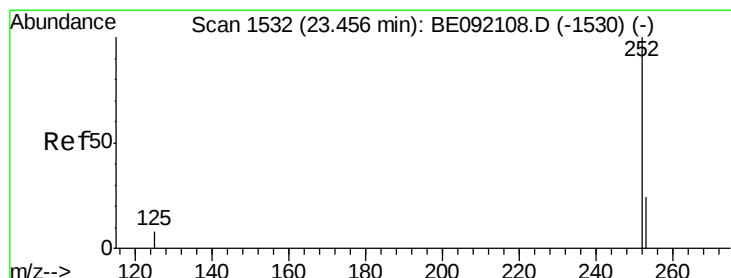
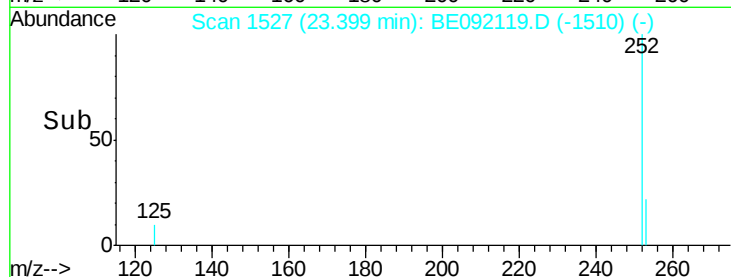
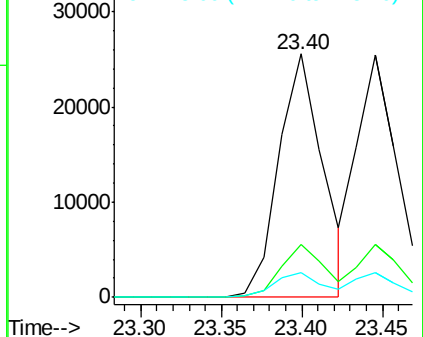
125 10.2 10.2 15.2



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: 6.97 ng

RT: 23.45 min Scan# 1531

Delta R.T. -0.01 min

Lab File: BE092119.D

Acq: 2 Aug 2016 20:06

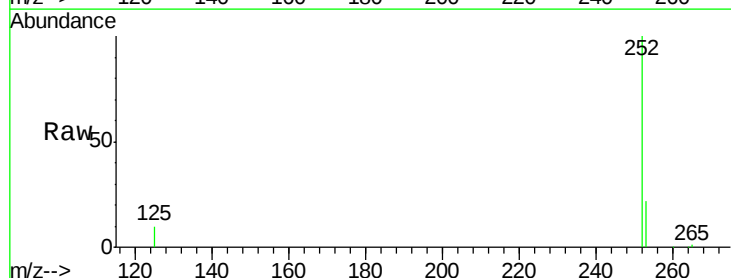
Tgt Ion:252 Resp: 46495

Ion Ratio Lower Upper

252 100

253 21.8 19.4 29.0

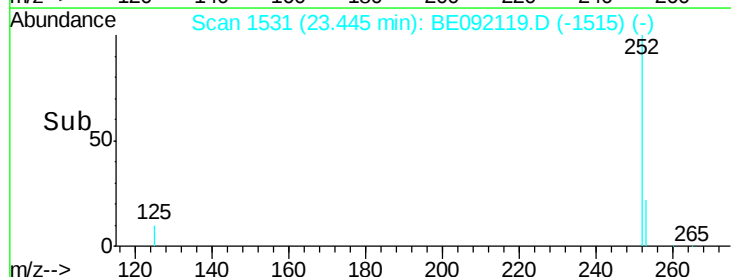
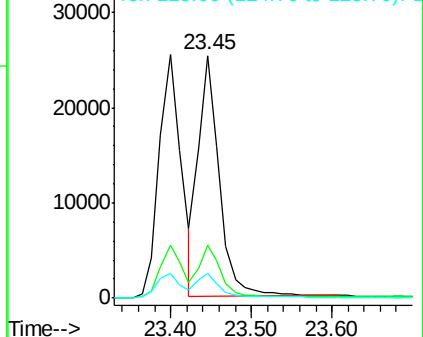
125 10.4 8.9 13.3

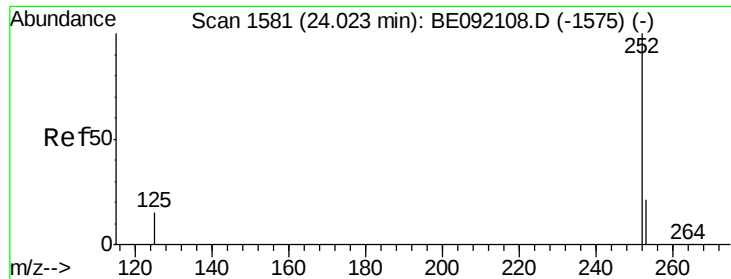


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#31

Benzo(a)pyrene

Concen: 5.53 ng

RT: 24.02 min Scan# 1581

Delta R.T. 0.00 min

Lab File: BE092119.D

Acq: 2 Aug 2016 20:06

Instrument :

BNA_E

ClientSampleId :

PB92496BSD

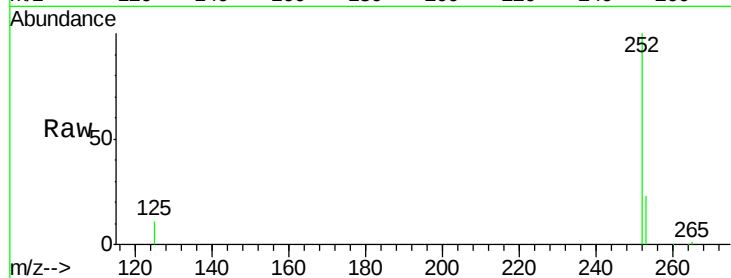
Tot Ion:252 Resp: 35492

Ion Ratio Lower Upper

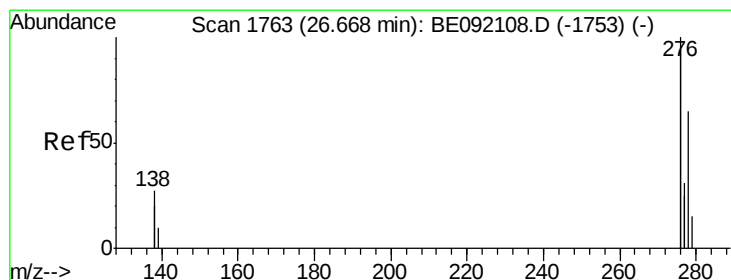
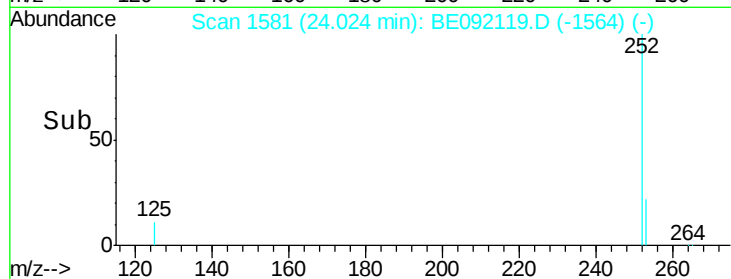
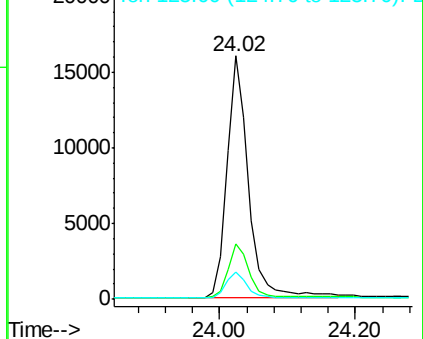
252 100

253 22.8 19.8 29.8

125 11.4 10.4 15.6



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



#32

Dibenzo(a,h)anthracene

Concen: 6.48 ng

RT: 26.67 min Scan# 1762

Delta R.T. -0.00 min

Lab File: BE092119.D

Acq: 2 Aug 2016 20:06

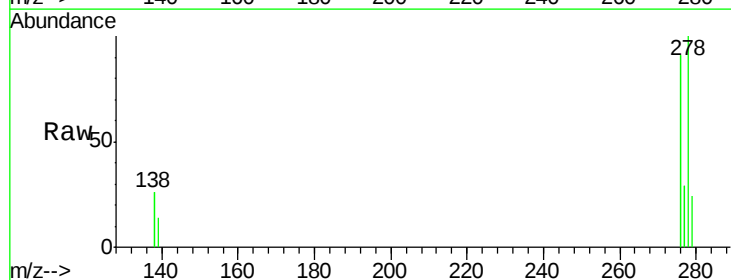
Tgt Ion:278 Resp: 39657

Ion Ratio Lower Upper

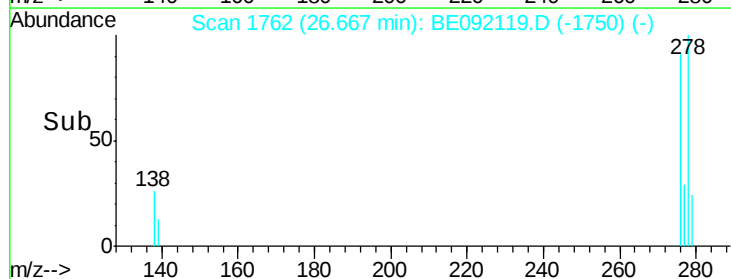
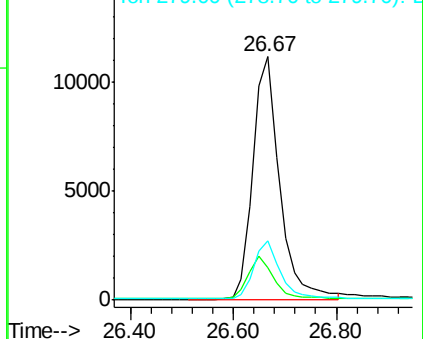
278 100

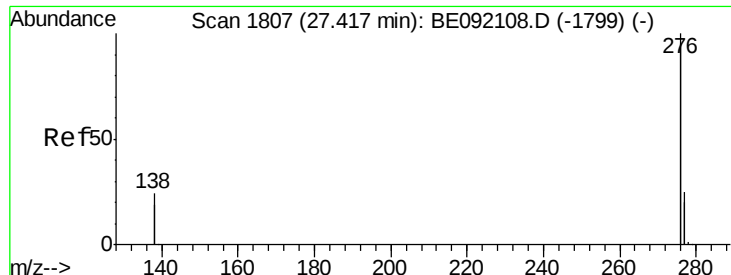
139 13.5 16.7 25.1#

279 24.2 20.3 30.5



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





#33

Benzo(a,h,i)perylene

Concen: 5.12 ng

RT: 27.40 min Scan# 1805

Delta R.T. -0.02 min

Lab File: BE092119.D

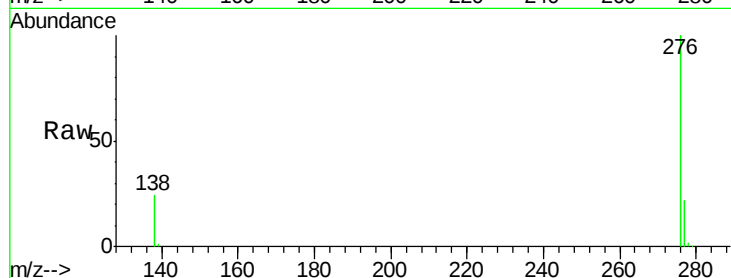
Acq: 2 Aug 2016 20:06

Instrument :

BNA_E

ClientSampleId :

PB92496BSD



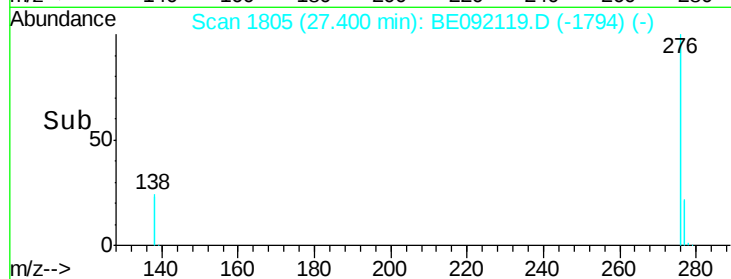
Tot Ion: 276 Resp: 133783

Ion Ratio Lower Upper

276 100

277 22.5 19.5 29.3

138 24.5 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

