

Data Path : Z:\HPCHEM1\BNA_E\Data\BE080216\
 Data File : BE092140.D
 Acq On : 3 Aug 2016 9:23
 Operator : UM/SJ
 Sample : PB92567BS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB92567BS

Quant Time: Aug 03 12:42:08 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	17070	5.00	ng	0.00
6) Naphthalene-d8	10.98	136	73432	5.00	ng	-0.01
10) Acenaphthene-d10	14.83	164	36121	5.00	ng	-0.02
16) Phenanthrene-d10	17.56	188	74462	5.00	ng	-0.02
22) Chrysene-d12	21.73	240	76746	5.00	ng	-0.02
28) Perylene-d12	24.14	264	72622	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.69	112	23692	5.40	ng	0.00
5) Phenol-d6	7.34	99	30514	5.22	ng	-0.01
7) Nitrobenzene-d5	9.34	82	14024	2.42	ng	-0.01
11) 2,4,6-Tribromophenol	16.32	330	6582	5.61	ng	-0.01
12) 2-Fluorobiphenyl	13.46	172	29498	2.58	ng	0.00
24) Terphenyl-d14	20.19	244	32594	2.96	ng	-0.02

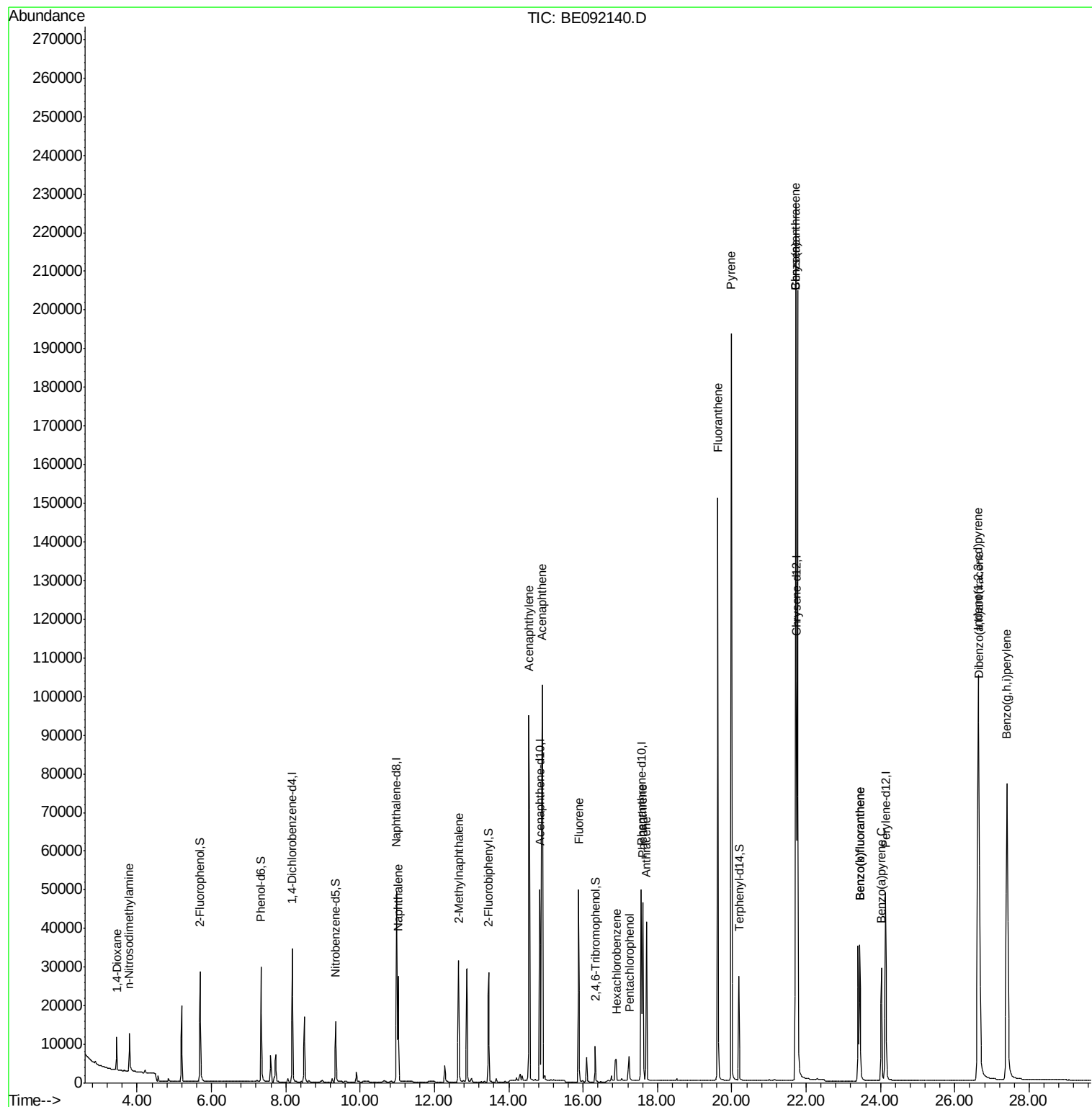
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.44	88	4731	2.04	ng	# 79
3) n-Nitrosodimethylamine	3.79	42	7801	2.46	ng	98
8) Naphthalene	11.03	128	38423	2.43	ng	95
9) 2-Methylnaphthalene	12.65	142	25873	2.49	ng	97
13) Acenaphthylene	14.54	152	153860	2.41	ng	98
14) Acenaphthene	14.90	154	24395	2.40	ng	# 98
15) Fluorene	15.88	166	29711	2.31	ng	100
17) Hexachlorobenzene	16.89	284	8073	2.22	ng	# 38
18) Pentachlorophenol	17.24	266	6089	4.53	ng	# 83
19) Phenanthrene	17.61	178	52150	2.56	ng	100
20) Anthracene	17.70	178	48171	2.43	ng	99
21) Fluoranthene	19.63	202	203872	2.24	ng	97
23) Pyrene	19.99	202	220753	2.75	ng	97
25) Benzo(a)anthracene	21.72	228	213753	2.53	ng	98
26) Chrysene	21.72	228	213753	2.53	ng	96
27) Indeno(1,2,3-cd)pyrene	26.63	276	225232	2.45	ng	100
29) Benzo(b)fluoranthene	23.45	252	47317	2.38	ng	98
30) Benzo(k)fluoranthene	23.45	252	48224	2.53	ng	96
31) Benzo(a)pyrene	24.02	252	45739	2.50	ng	95
32) Dibenzo(a,h)anthracene	26.65	278	45983	2.64	ng	96
33) Benzo(g,h,i)perylene	27.40	276	199180	2.68	ng	96

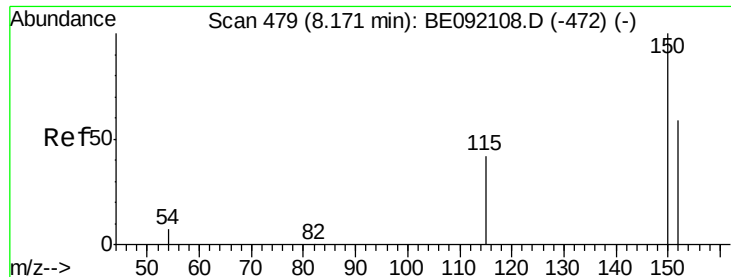
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE092140.D

Acq: 3 Aug 2016 9:23

Instrument :

BNA_E

ClientSampleId :

PB92567BS

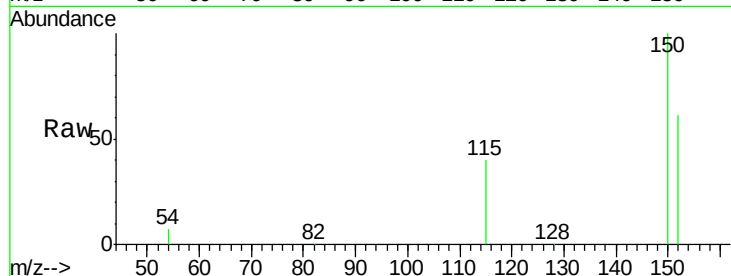
Tgt Ion:152 Resp: 17070

Ion Ratio Lower Upper

152 100

150 164.2 106.0 159.0#

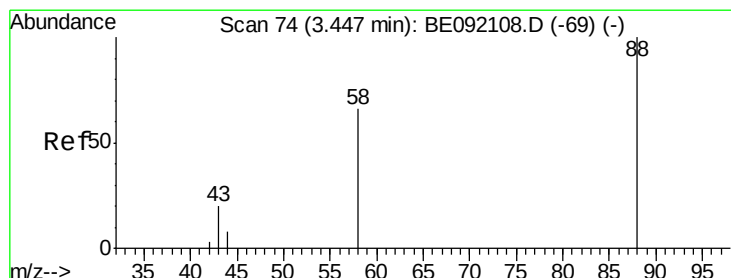
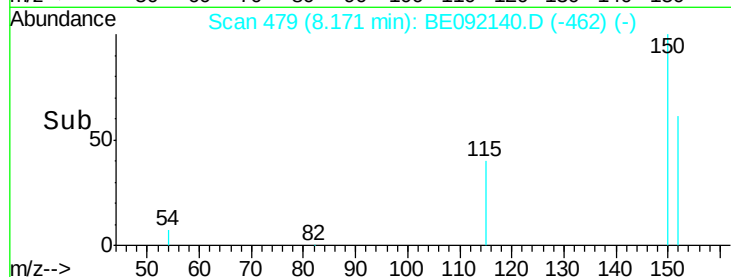
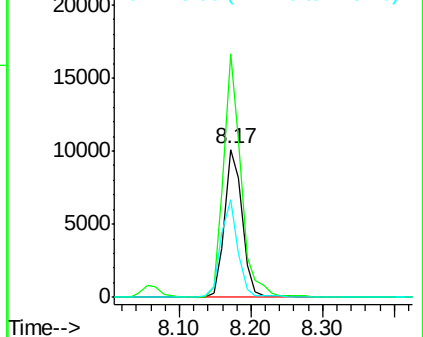
115 66.0 36.9 55.3#



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: 2.04 ng

RT: 3.44 min Scan# 74

Delta R.T. -0.00 min

Lab File: BE092140.D

Acq: 3 Aug 2016 9:23

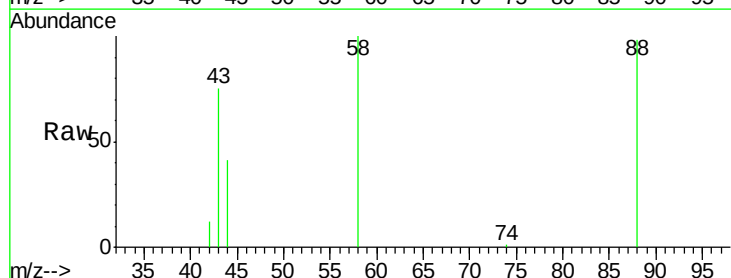
Tgt Ion: 88 Resp: 4731

Ion Ratio Lower Upper

88 100

58 90.4 62.1 93.1

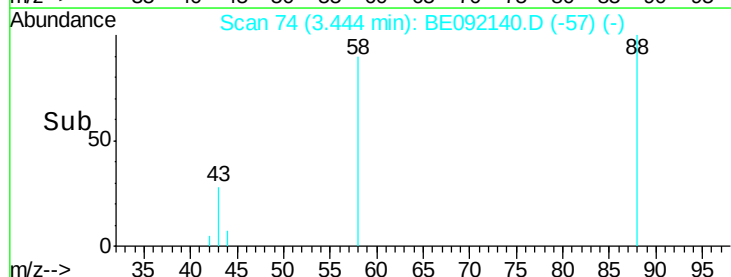
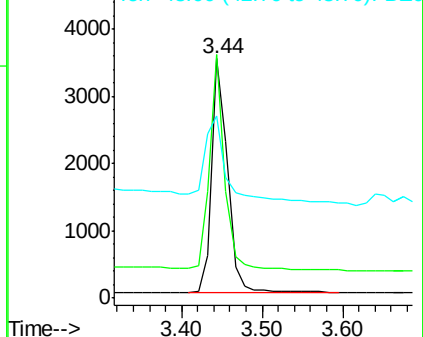
43 54.7 27.2 40.8#

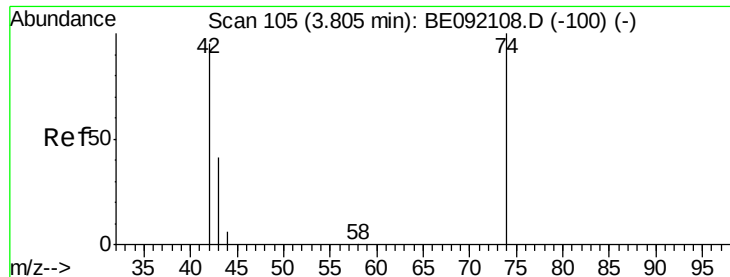


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



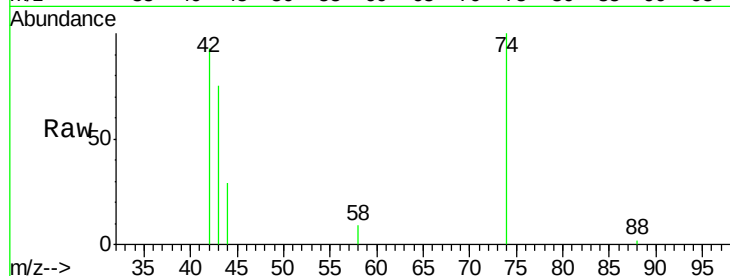


#3

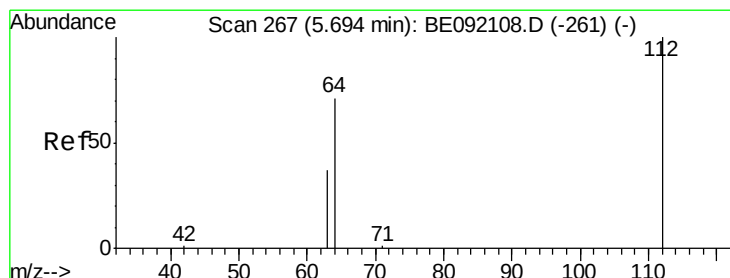
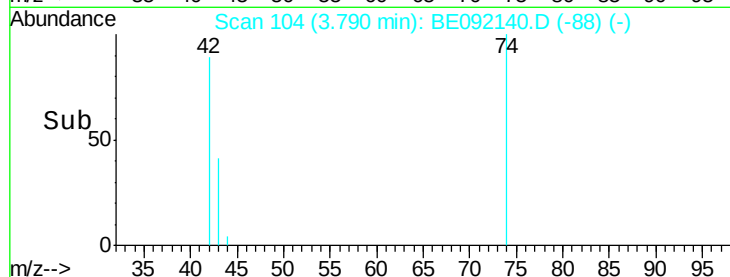
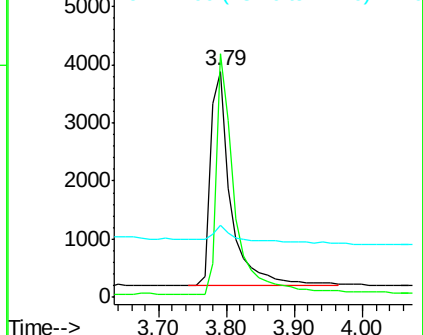
n-Nitrosodimethylamine
 Concen: 2.46 ng
 RT: 3.79 min Scan# 104
 Delta R.T. -0.01 min
 Lab File: BE092140.D
 Acq: 3 Aug 2016 9:23

Instrument :
 BNA_E
 ClientSampled :
 PB92567BS

Tgt Ion: 42 Resp: 7801
 Ion Ratio Lower Upper
 42 100
 74 101.5 82.8 124.2
 44 10.3 9.0 13.4



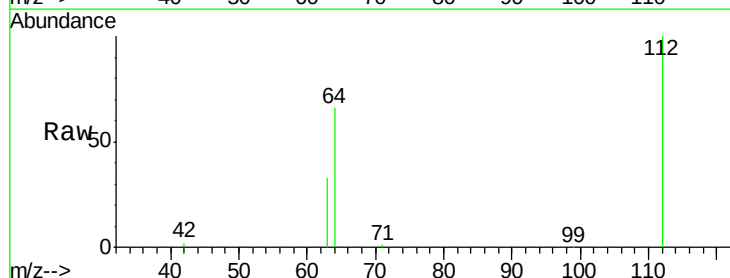
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



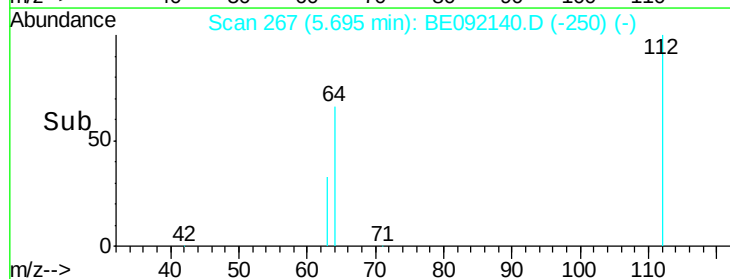
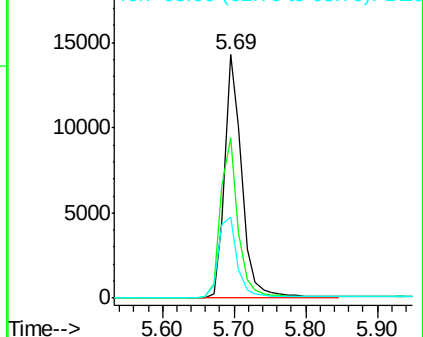
#4

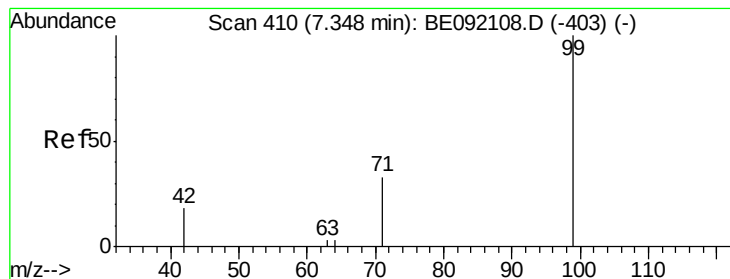
2-Fluorophenol
 Concen: 5.40 ng
 RT: 5.69 min Scan# 267
 Delta R.T. 0.00 min
 Lab File: BE092140.D
 Acq: 3 Aug 2016 9:23

Tgt Ion: 112 Resp: 23692
 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: 5.22 ng

RT: 7.34 min Scan# 409

Delta R.T. -0.01 min

Lab File: BE092140.D

Acq: 3 Aug 2016 9:23

Instrument :

BNA_E

ClientSampleId :

PB92567BS

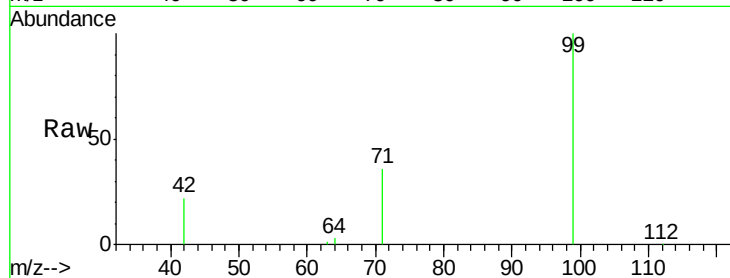
Tgt Ion: 99 Resp: 30514

Ion Ratio Lower Upper

99 100

42 25.5 22.4 33.6

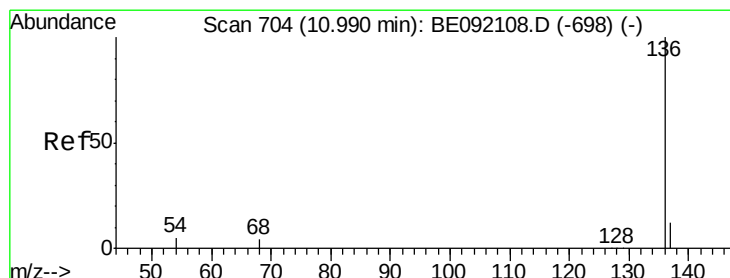
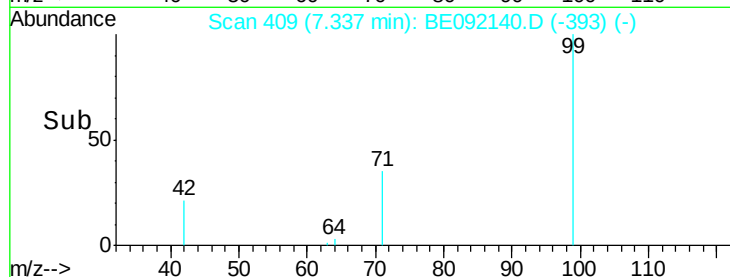
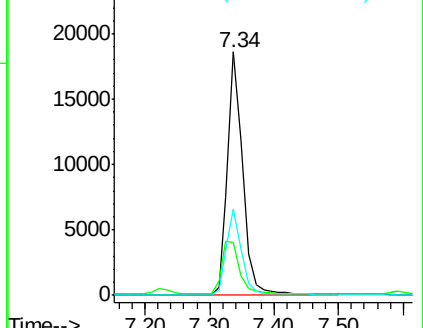
71 35.2 28.9 43.3



Abundance Ion 99.00 (98.70 to 99.70): BE092140.D (-393) (-)

Ion 42.00 (41.70 to 42.70): BE092140.D (-393) (-)

Ion 71.00 (70.70 to 71.70): BE092140.D (-393) (-)



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.98 min Scan# 703

Delta R.T. -0.01 min

Lab File: BE092140.D

Acq: 3 Aug 2016 9:23

Tgt Ion: 136 Resp: 73432

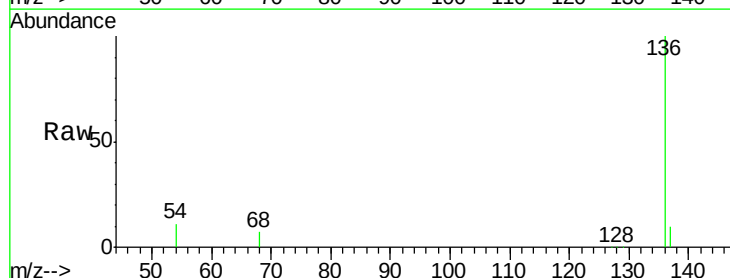
Ion Ratio Lower Upper

136 100

137 10.2 9.1 13.7

54 10.7 2.7 4.1#

68 7.5 2.2 3.4#

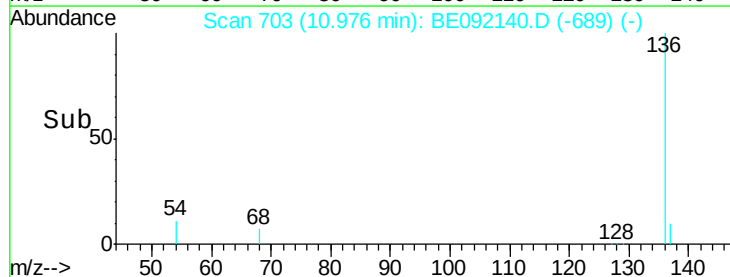
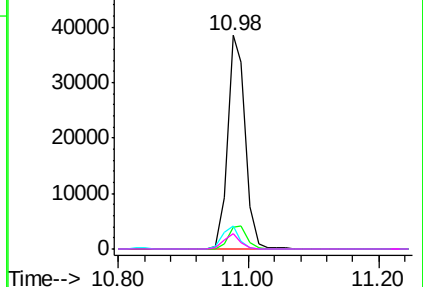


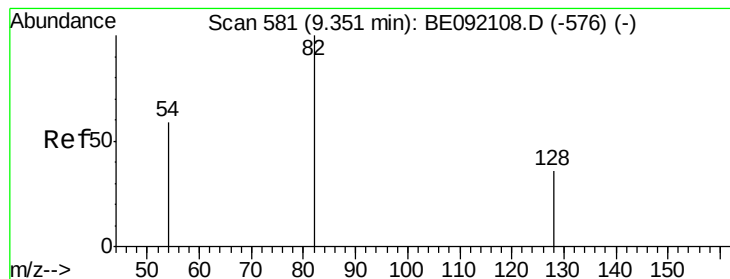
Abundance Ion 136.00 (135.70 to 136.70): BE092140.D (-689) (-)

Ion 137.00 (136.70 to 137.70): BE092140.D (-689) (-)

Ion 54.00 (53.70 to 54.70): BE092140.D (-689) (-)

Ion 68.00 (67.70 to 68.70): BE092140.D (-689) (-)





#7

Nitrobenzene-d5

Concen: 2.42 ng

RT: 9.34 min Scan# 580

Delta R.T. -0.01 min

Lab File: BE092140.D

Acq: 3 Aug 2016 9:23

Instrument :

BNA_E

ClientSampleId :

PB92567BS

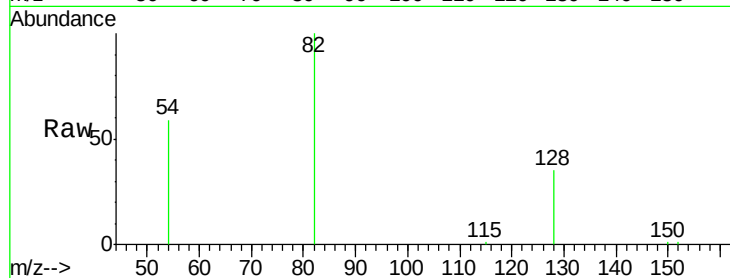
Tgt Ion: 82 Resp: 14024

Ion Ratio Lower Upper

82 100

128 35.1 33.0 49.4

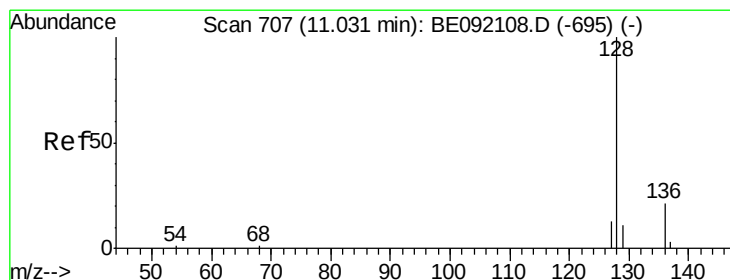
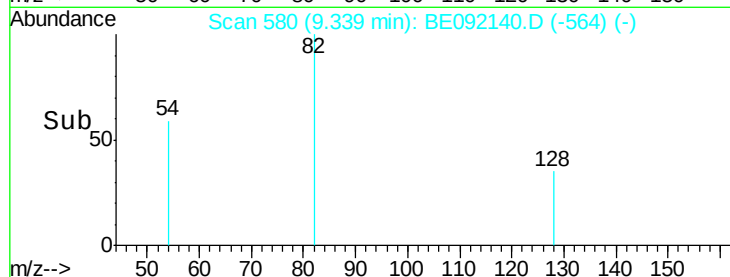
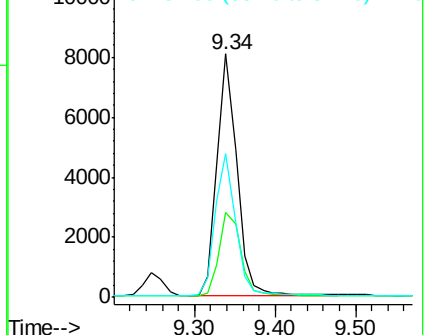
54 59.0 42.6 63.8



Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0



#8

Naphthalene

Concen: 2.43 ng

RT: 11.03 min Scan# 707

Delta R.T. -0.00 min

Lab File: BE092140.D

Acq: 3 Aug 2016 9:23

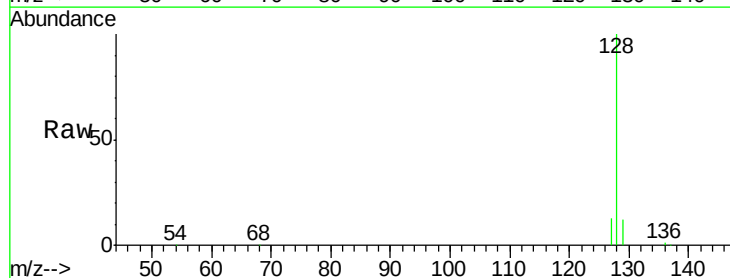
Tgt Ion: 128 Resp: 38423

Ion Ratio Lower Upper

128 100

129 11.5 11.1 16.7

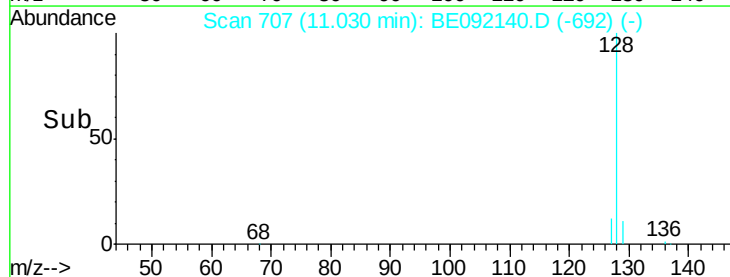
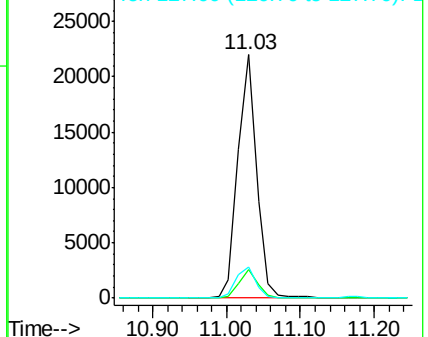
127 12.5 11.3 16.9

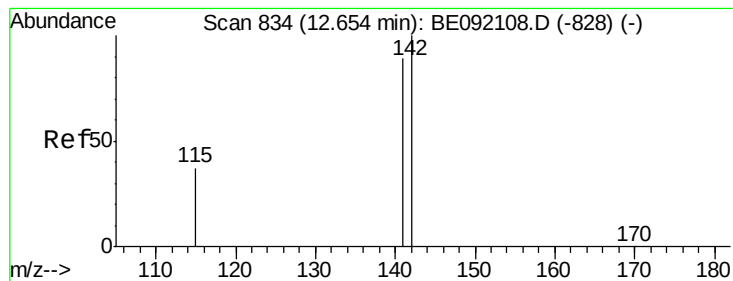


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#9

2-Methylnaphthalene

Concen: 2.49 ng

RT: 12.65 min Scan# 834

Delta R.T. -0.00 min

Lab File: BE092140.D

Acq: 3 Aug 2016 9:23

Instrument :

BNA_E

ClientSampleId :

PB92567BS

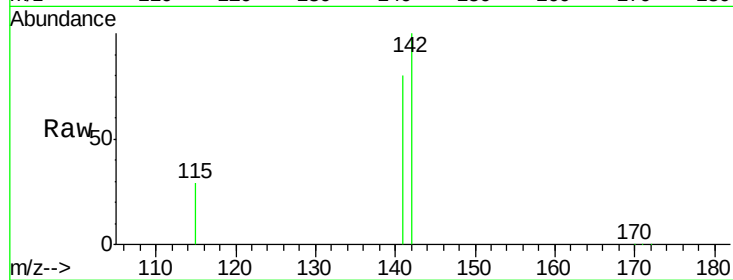
Tgt Ion:142 Resp: 25873

Ion Ratio Lower Upper

142 100

141 80.0 65.1 97.7

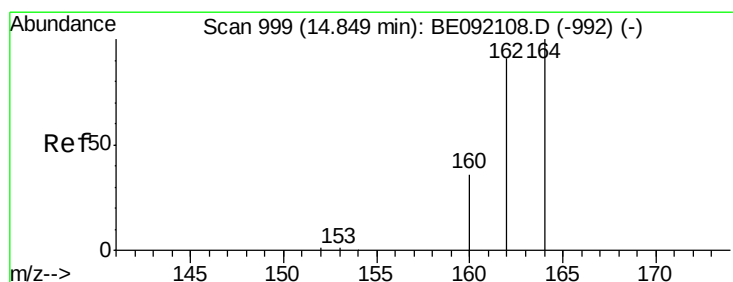
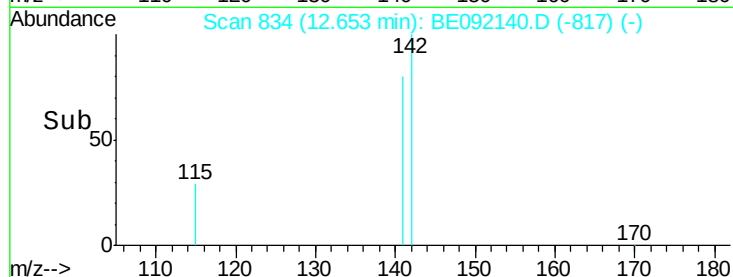
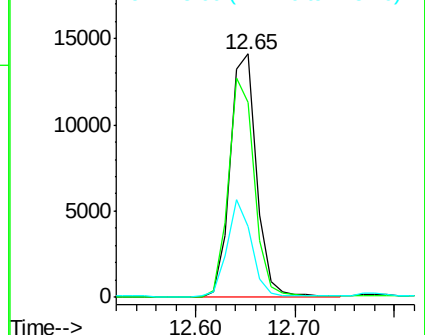
115 29.1 27.0 40.4



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: BE092140.D

Acq: 3 Aug 2016 9:23

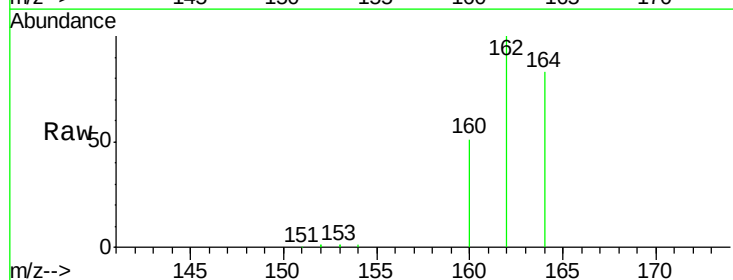
Tgt Ion:164 Resp: 36121

Ion Ratio Lower Upper

164 100

162 120.3 69.5 104.3#

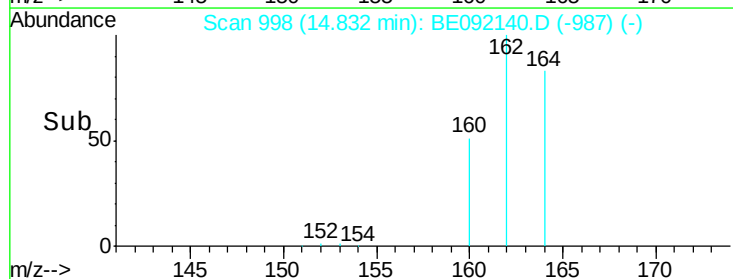
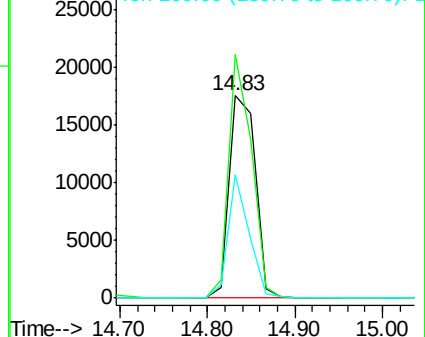
160 61.0 27.6 41.4#

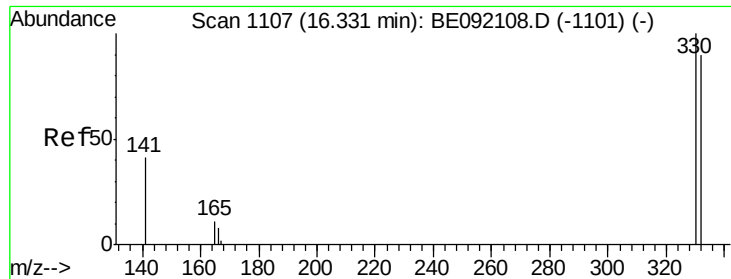


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

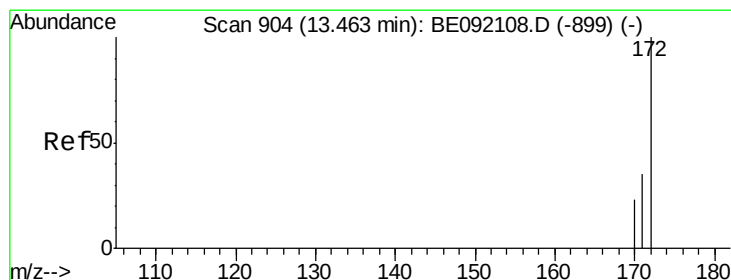
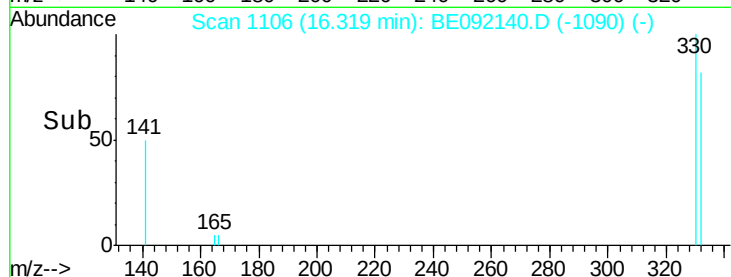
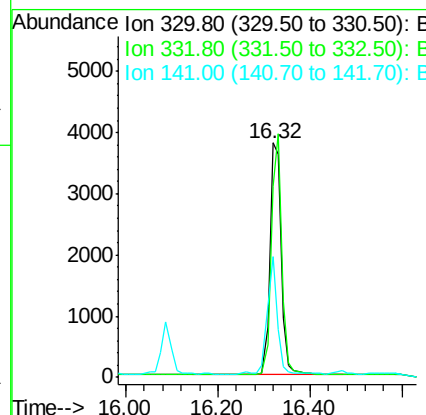
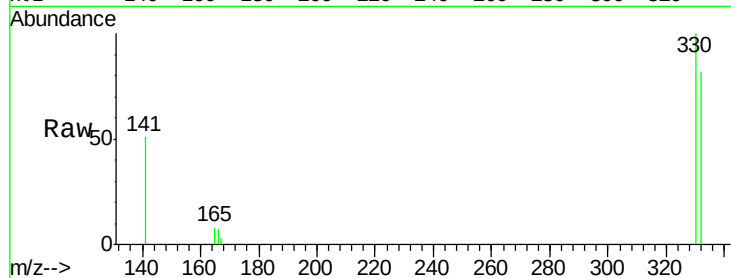




#11
 2,4,6-Tribromophenol
 Concen: 5.61 ng
 RT: 16.32 min Scan# 1106
 Delta R.T. -0.01 min
 Lab File: BE092140.D
 Acq: 3 Aug 2016 9:23

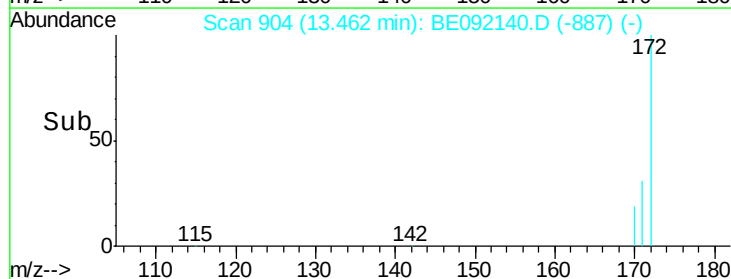
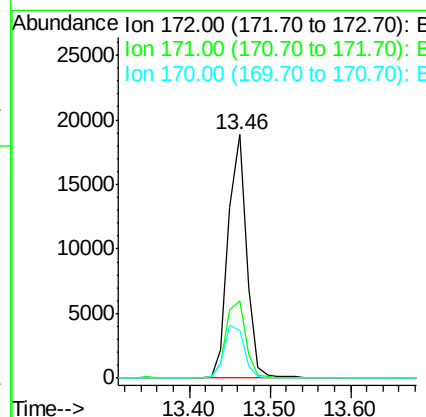
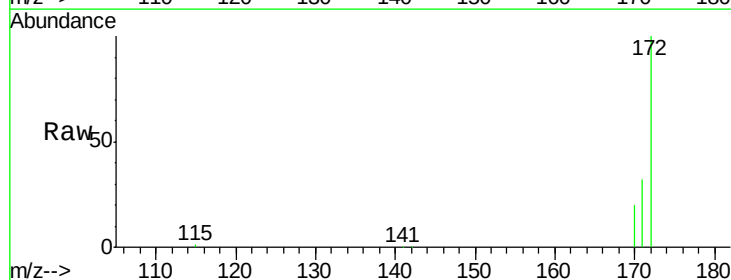
Instrument :
 BNA_E
 ClientSampleId :
 PB92567BS

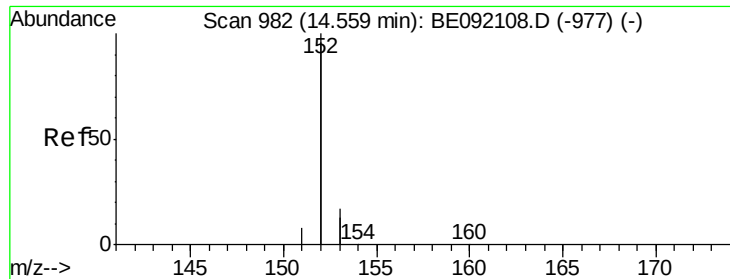
Tgt Ion: 330 Resp: 6582
 Ion Ratio Lower Upper
 330 100
 332 96.7 74.2 111.4
 141 44.1 139.8 209.8#



#12
 2-Fluorobiphenyl
 Concen: 2.58 ng
 RT: 13.46 min Scan# 904
 Delta R.T. -0.00 min
 Lab File: BE092140.D
 Acq: 3 Aug 2016 9:23

Tgt Ion: 172 Resp: 29498
 Ion Ratio Lower Upper
 172 100
 171 31.6 30.3 45.5
 170 19.5 21.6 32.4#





#13

Acenaphthylene

Concen: 2.41 ng

RT: 14.54 min Scan# 981

Delta R.T. -0.02 min

Lab File: BE092140.D

Acq: 3 Aug 2016 9:23

Instrument :

BNA_E

ClientSampleId :

PB92567BS

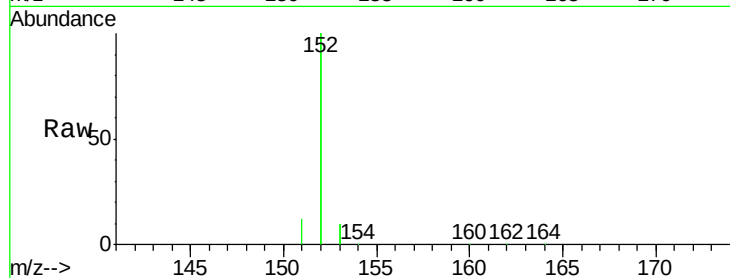
Tgt Ion:152 Resp: 153860

Ion Ratio Lower Upper

152 100

151 5.0 4.0 6.0

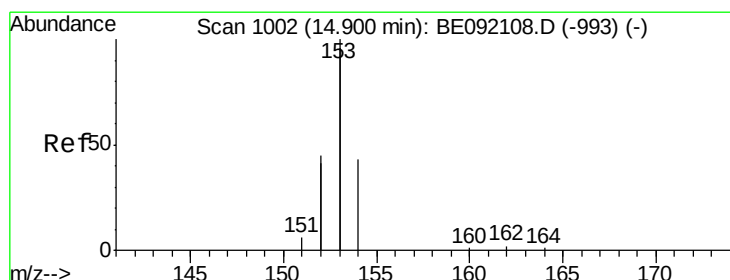
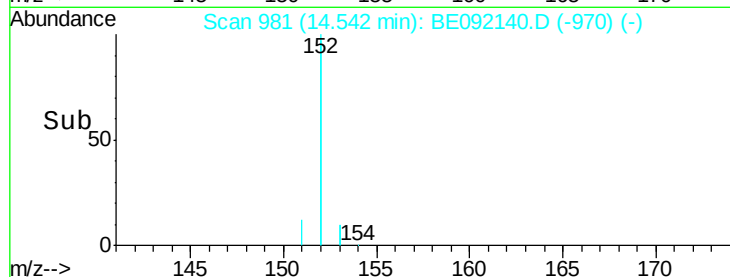
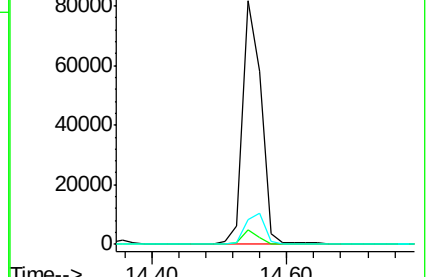
153 13.2 9.6 14.4



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: 2.40 ng

RT: 14.90 min Scan# 1002

Delta R.T. 0.00 min

Lab File: BE092140.D

Acq: 3 Aug 2016 9:23

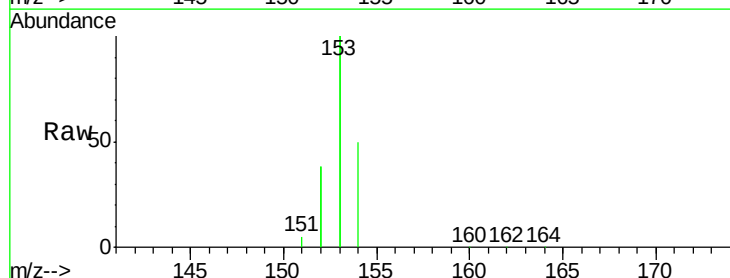
Tgt Ion:154 Resp: 24395

Ion Ratio Lower Upper

154 100

153 437.0 345.1 517.7

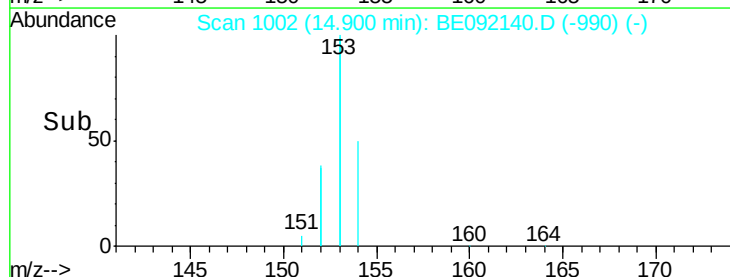
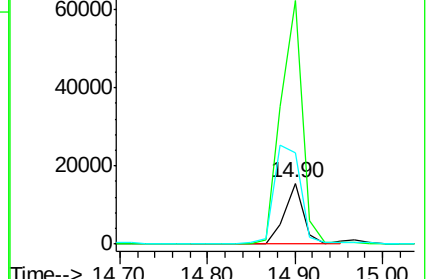
152 214.5 0.0 0.0#

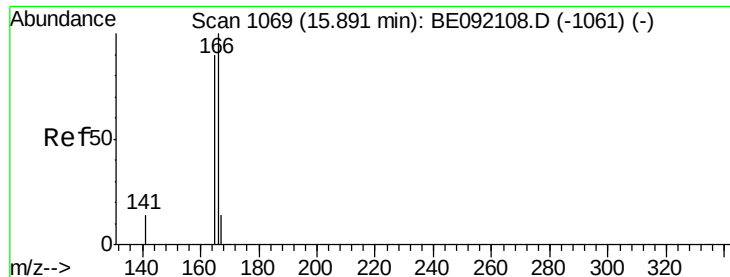


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#15

Fluorene

Concen: 2.31 ng

RT: 15.88 min Scan# 1068

Delta R.T. -0.01 min

Lab File: BE092140.D

Acq: 3 Aug 2016 9:23

Instrument :

BNA_E

ClientSampleId :

PB92567BS

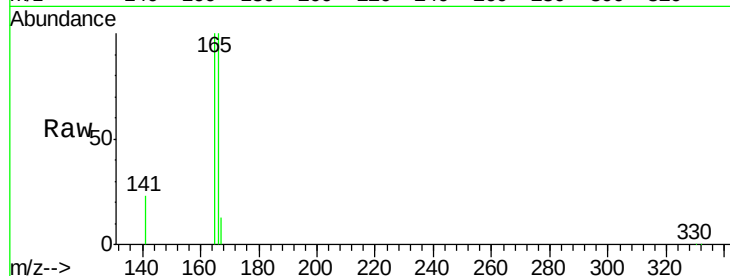
Tgt Ion:166 Resp: 29711

Ion Ratio Lower Upper

166 100

165 98.7 78.6 118.0

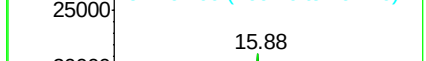
167 13.4 11.1 16.7



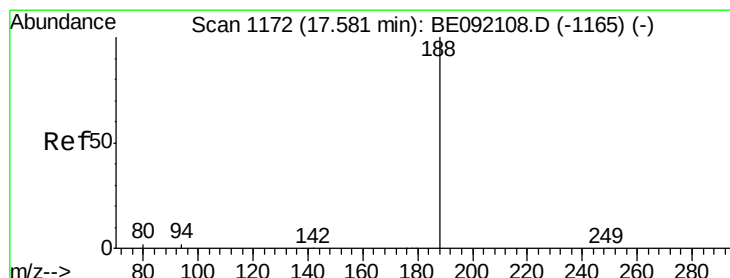
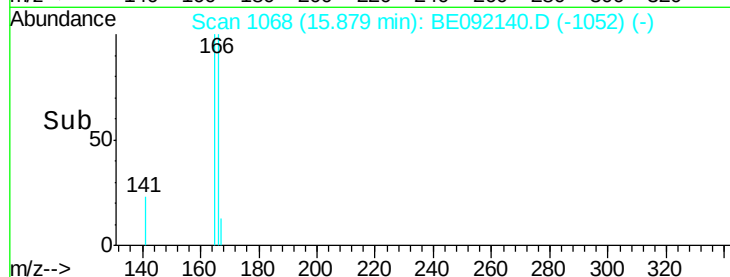
Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



Time-->



#16

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.56 min Scan# 1171

Delta R.T. -0.02 min

Lab File: BE092140.D

Acq: 3 Aug 2016 9:23

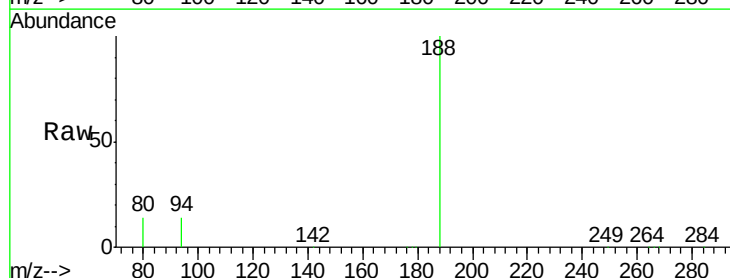
Tgt Ion:188 Resp: 74462

Ion Ratio Lower Upper

188 100

94 14.2 3.9 5.9#

80 14.4 3.4 5.0#



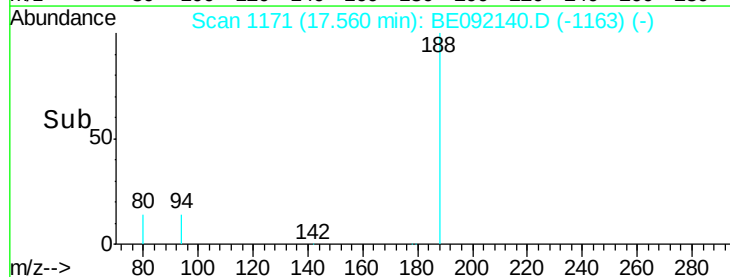
Abundance Ion 188.00 (187.70 to 188.70): E

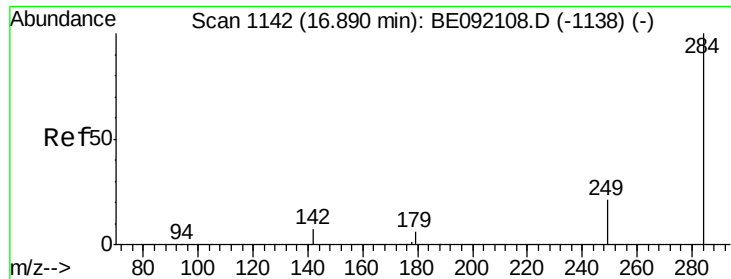
Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



Time-->

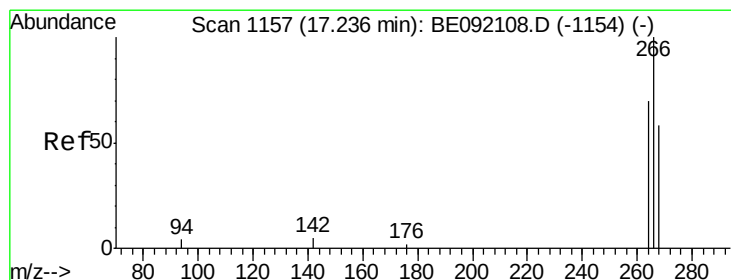
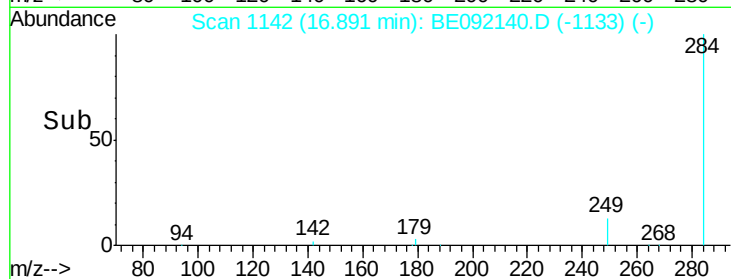
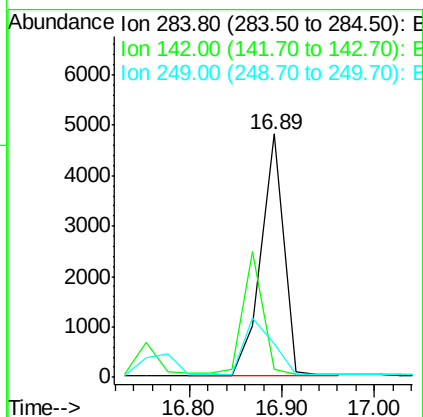
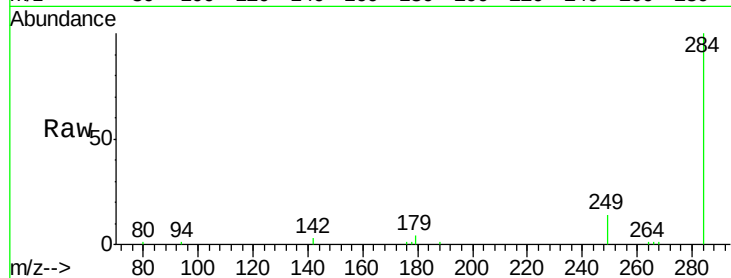




#17
Hexachlorobenzene
Concen: 2.22 ng
RT: 16.89 min Scan# 1142
Delta R.T. 0.00 min
Lab File: BE092140.D
Acq: 3 Aug 2016 9:23

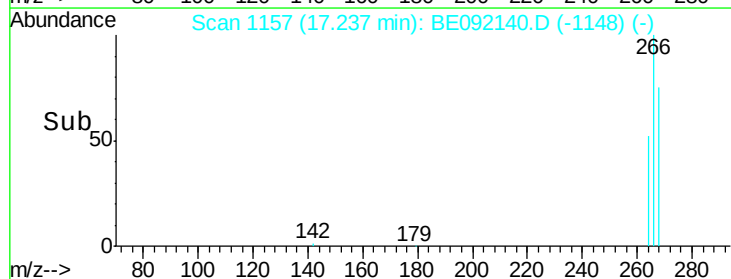
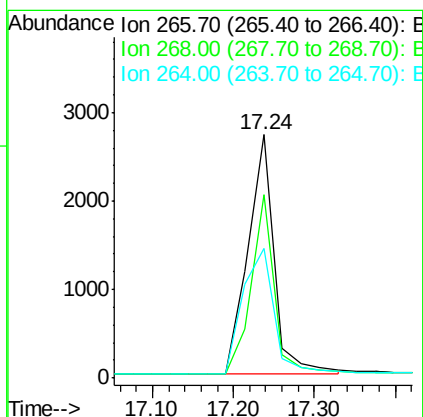
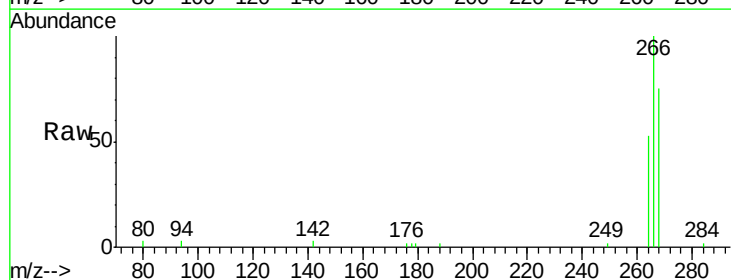
Instrument :
BNA_E
ClientSampleId :
PB92567BS

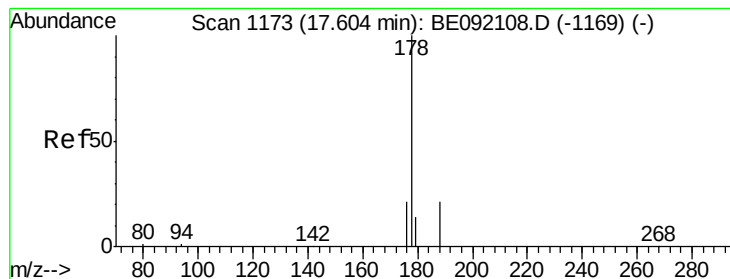
Tgt Ion: 284 Resp: 8073
Ion Ratio Lower Upper
284 100
142 0.0 33.3 49.9#
249 0.0 25.4 38.0#



#18
Pentachlorophenol
Concen: 4.53 ng
RT: 17.24 min Scan# 1157
Delta R.T. 0.00 min
Lab File: BE092140.D
Acq: 3 Aug 2016 9:23

Tgt Ion: 266 Resp: 6089
Ion Ratio Lower Upper
266 100
268 75.4 62.7 94.1
264 53.2 63.5 95.3#





#19

Phenanthrene

Concen: 2.56 ng

RT: 17.61 min Scan# 1173

Delta R.T. 0.00 min

Lab File: BE092140.D

Acq: 3 Aug 2016 9:23

Instrument :

BNA_E

ClientSampleId :

PB92567BS

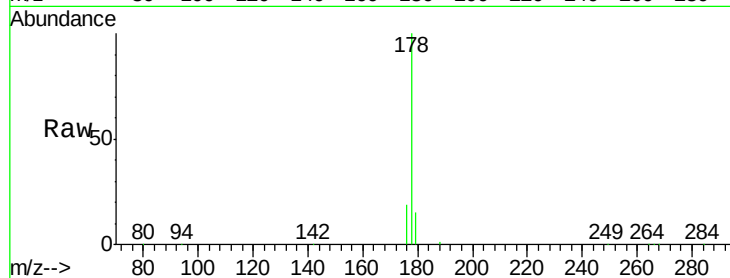
Tgt Ion:178 Resp: 52150

Ion Ratio Lower Upper

178 100

176 19.2 15.4 23.0

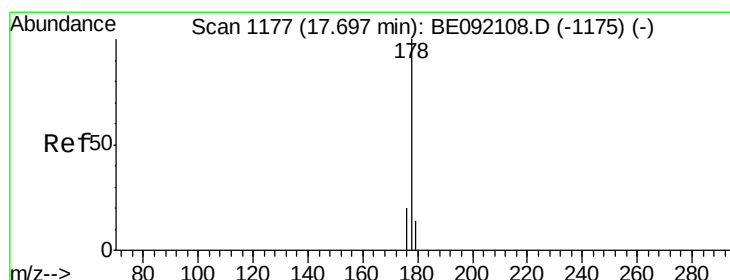
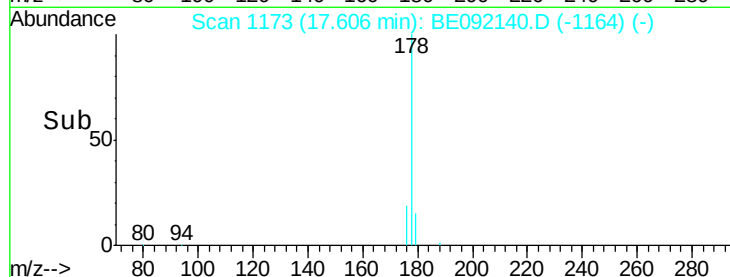
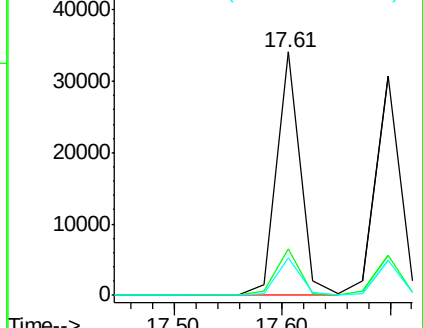
179 15.5 12.7 19.1



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: 2.43 ng

RT: 17.70 min Scan# 1177

Delta R.T. 0.00 min

Lab File: BE092140.D

Acq: 3 Aug 2016 9:23

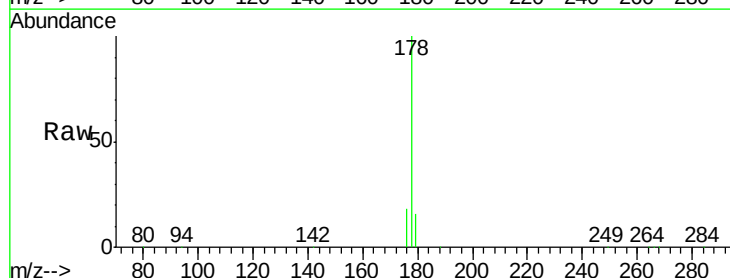
Tgt Ion:178 Resp: 48171

Ion Ratio Lower Upper

178 100

176 18.3 15.2 22.8

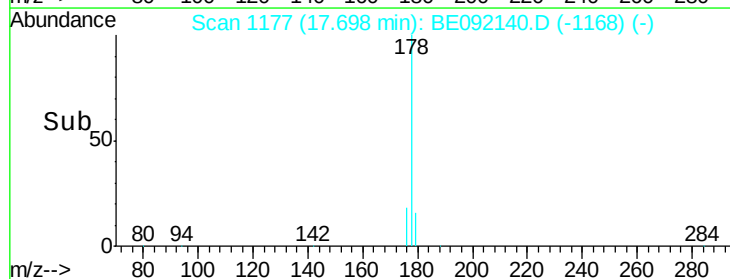
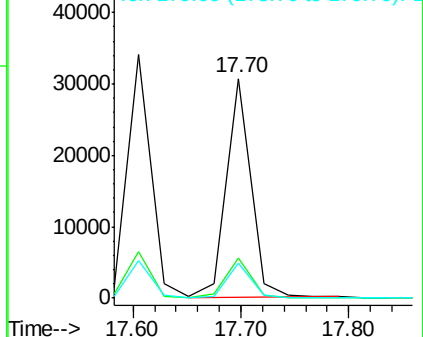
179 15.5 12.2 18.4

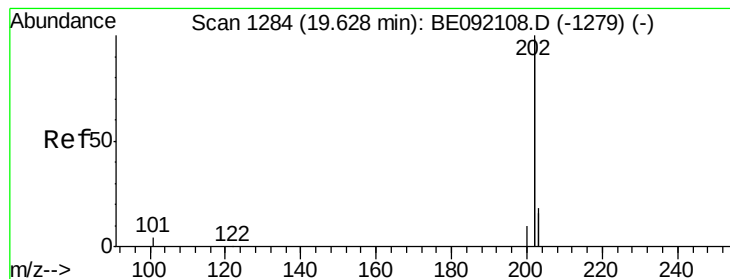


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#21

Fluoranthene

Concen: 2.24 ng

RT: 19.63 min Scan# 1284

Delta R.T. 0.00 min

Lab File: BE092140.D

Acq: 3 Aug 2016 9:23

Instrument :

BNA_E

ClientSampleId :

PB92567BS

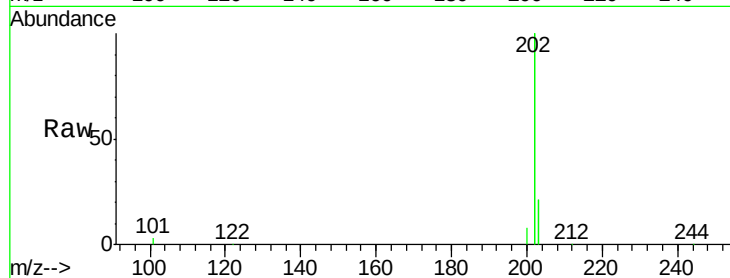
Tgt Ion:202 Resp: 203872

Ion Ratio Lower Upper

202 100

101 2.9 2.2 3.2

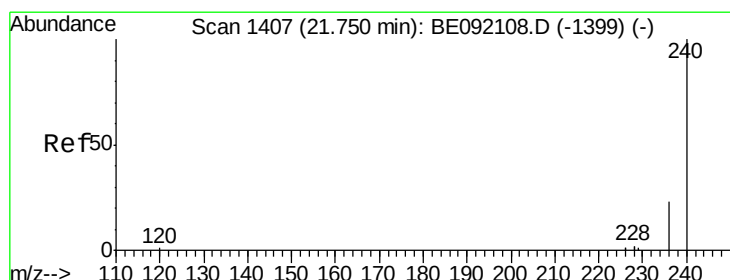
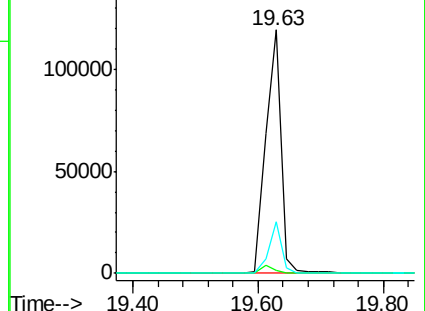
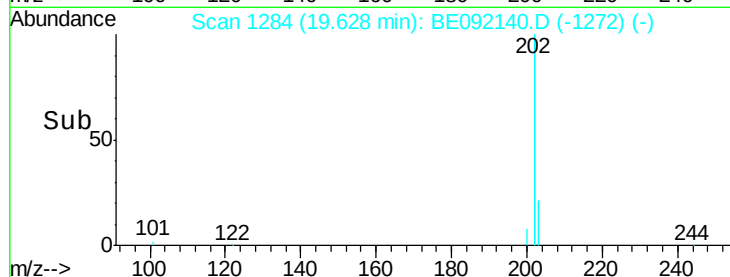
203 17.9 13.0 19.4



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: 21.73 min Scan# 1406

Delta R.T. -0.02 min

Lab File: BE092140.D

Acq: 3 Aug 2016 9:23

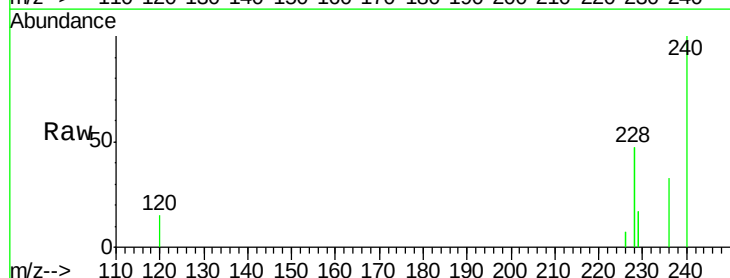
Tgt Ion:240 Resp: 76746

Ion Ratio Lower Upper

240 100

120 15.1 0.6 1.0#

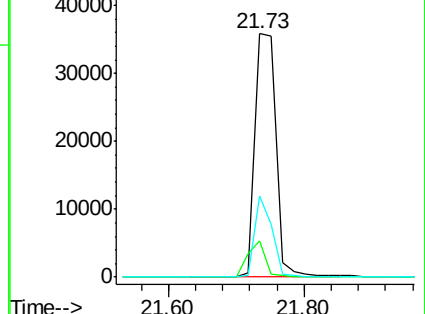
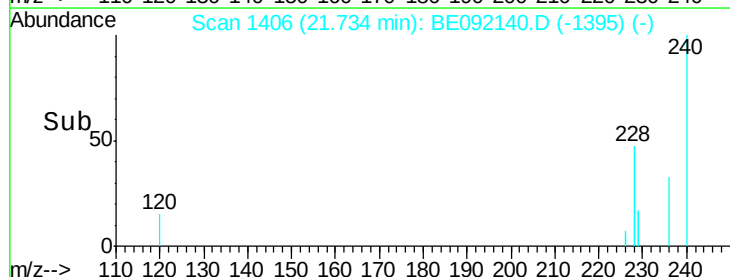
236 33.2 18.2 27.4#

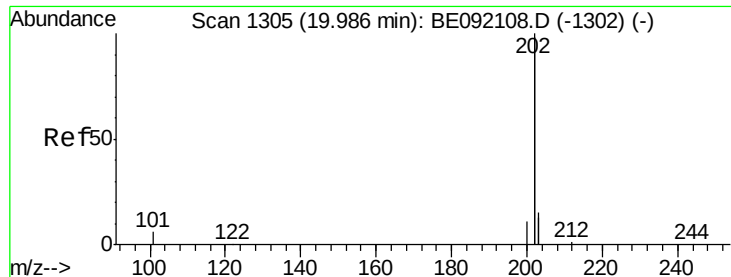


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

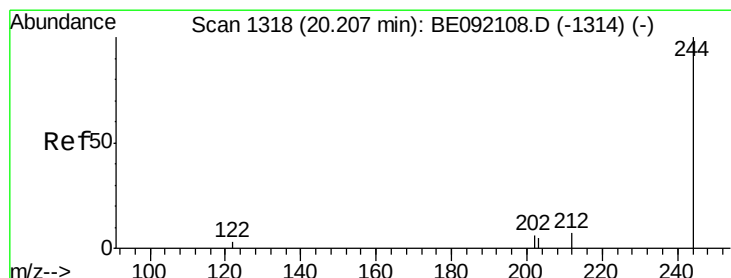
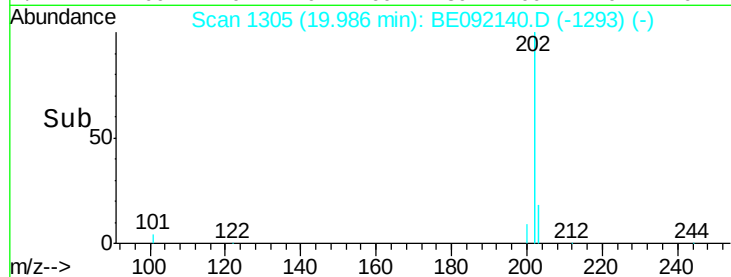
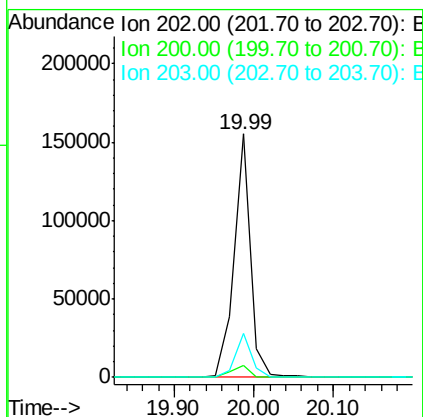
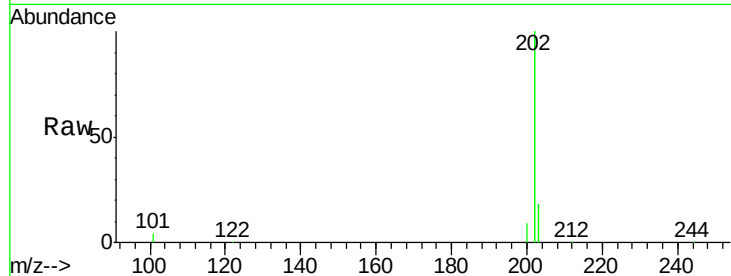




#23
 Pyrene
 Concen: 2.75 ng
 RT: 19.99 min Scan# 1305
 Delta R.T. 0.00 min
 Lab File: BE092140.D
 Acq: 3 Aug 2016 9:23

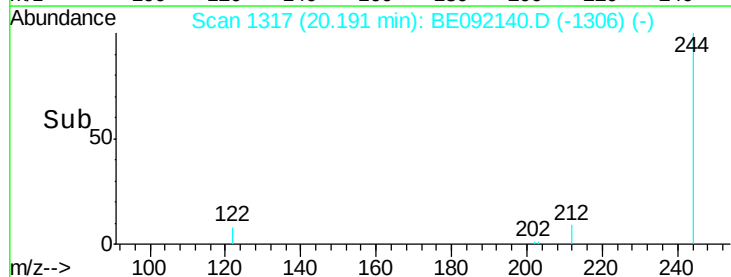
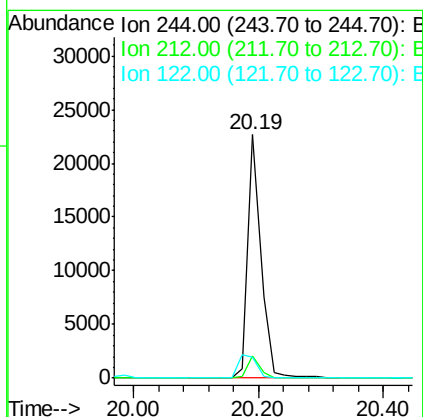
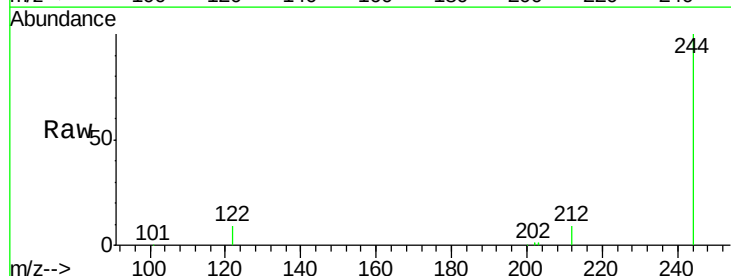
Instrument :
 BNA_E
 ClientSampleId :
 PB92567BS

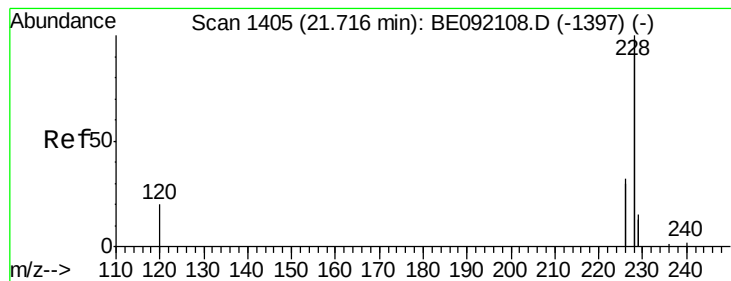
Tgt Ion: 202 Resp: 220753
 Ion Ratio Lower Upper
 202 100
 200 5.2 4.4 6.6
 203 18.1 13.4 20.0



#24
 Terphenyl-d14
 Concen: 2.96 ng
 RT: 20.19 min Scan# 1317
 Delta R.T. -0.02 min
 Lab File: BE092140.D
 Acq: 3 Aug 2016 9:23

Tgt Ion: 244 Resp: 32594
 Ion Ratio Lower Upper
 244 100
 212 9.2 9.1 13.7
 122 8.6 11.0 16.4#





#25

Benzo(a)anthracene

Concen: 2.53 ng

RT: 21.72 min Scan# 1405

Delta R.T. 0.00 min

Lab File: BE092140.D

Acq: 3 Aug 2016 9:23

Instrument :

BNA_E

ClientSampleId :

PB92567BS

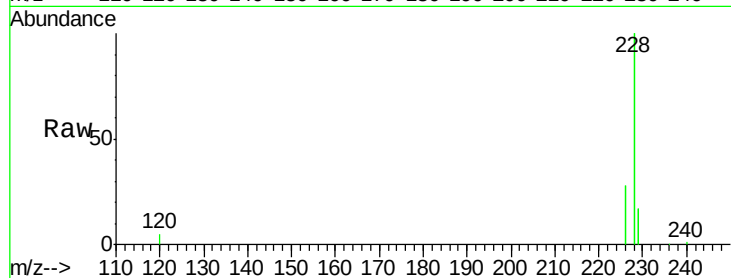
Tgt Ion:228 Resp: 213753

Ion Ratio Lower Upper

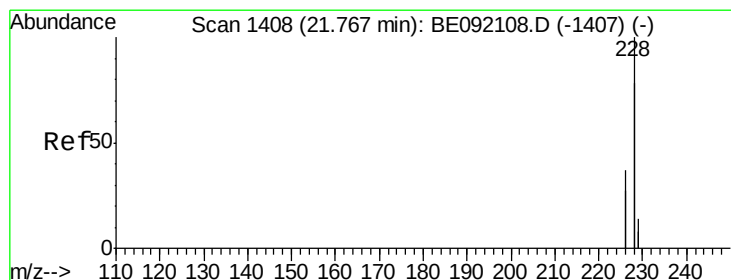
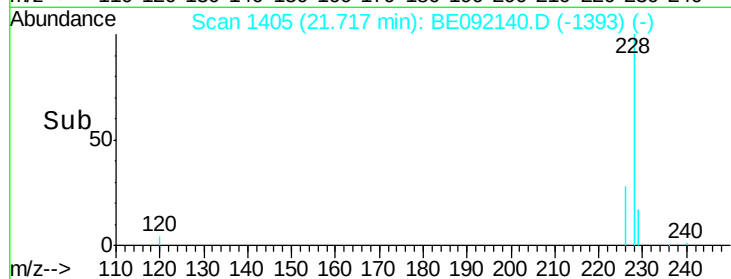
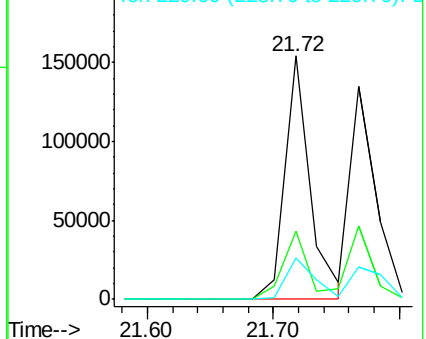
228 100

226 27.9 22.1 33.1

229 16.9 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: 2.53 ng

RT: 21.72 min Scan# 1405

Delta R.T. -0.05 min

Lab File: BE092140.D

Acq: 3 Aug 2016 9:23

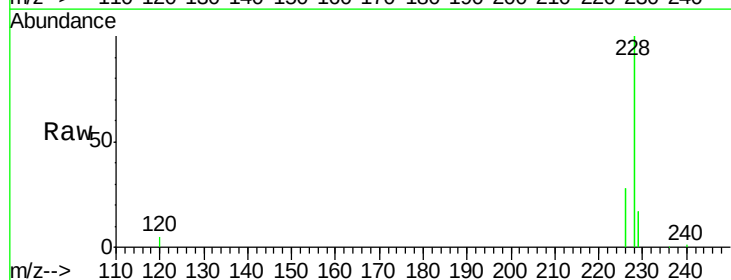
Tgt Ion:228 Resp: 213753

Ion Ratio Lower Upper

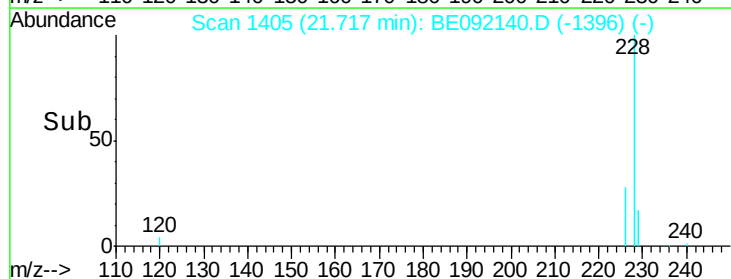
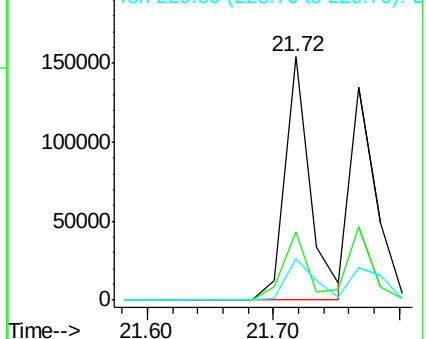
228 100

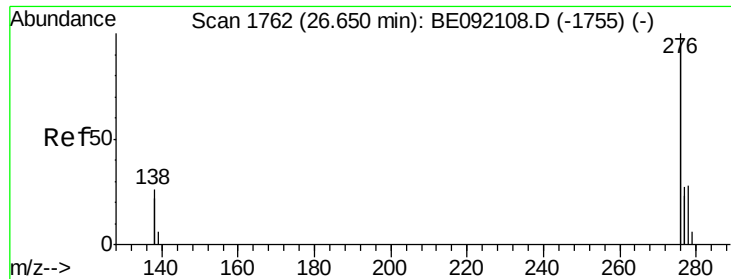
226 27.9 22.3 33.5

229 16.9 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

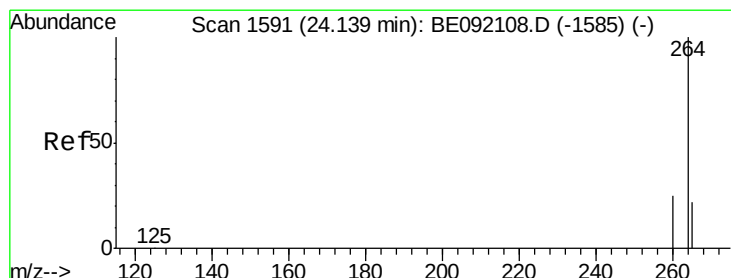
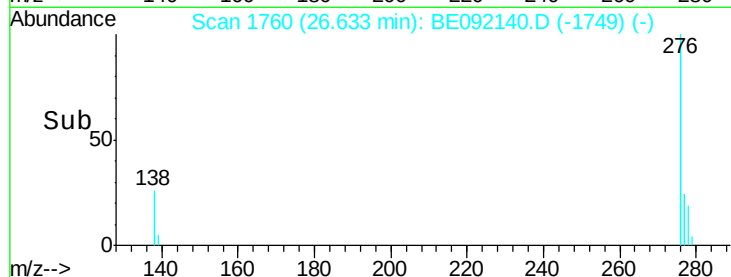
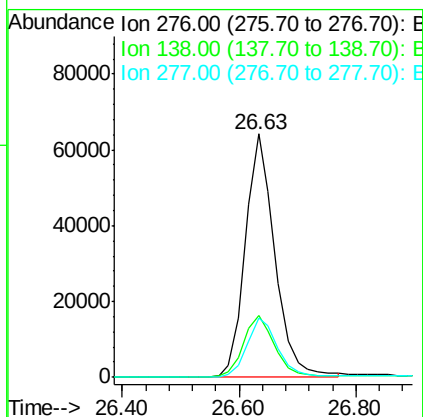
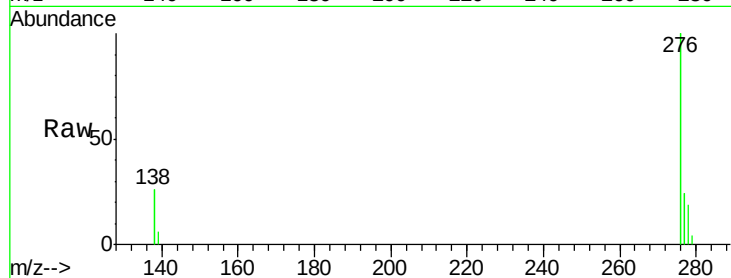




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 2.45 ng
 RT: 26.63 min Scan# 1760
 Delta R.T. -0.02 min
 Lab File: BE092140.D
 Acq: 3 Aug 2016 9:23

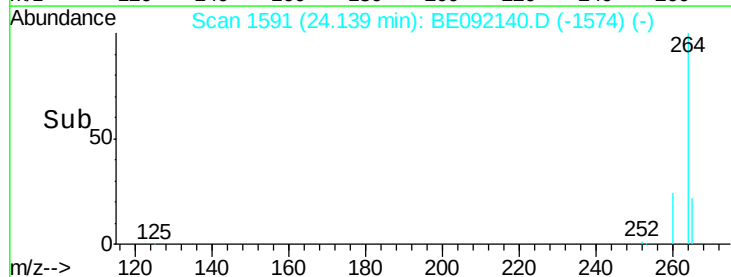
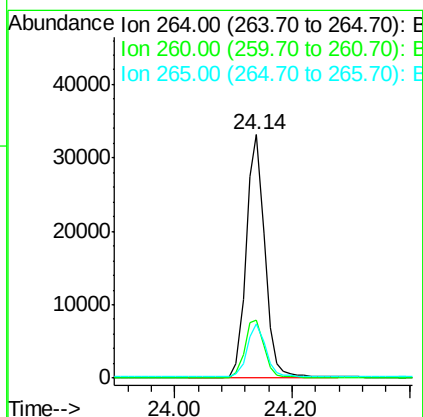
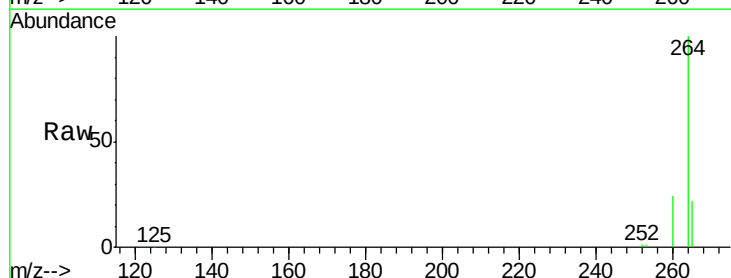
Instrument :
 BNA_E
 ClientSampleId :
 PB92567BS

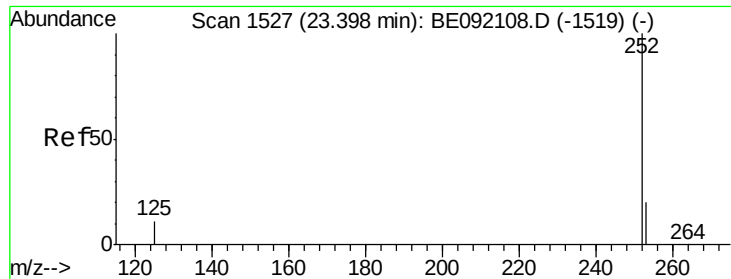
Tgt Ion: 276 Resp: 225232
 Ion Ratio Lower Upper
 276 100
 138 26.5 21.2 31.8
 277 24.7 19.8 29.8



#28
 Perylene-d12
 Concen: 5.00 ng
 RT: 24.14 min Scan# 1591
 Delta R.T. 0.00 min
 Lab File: BE092140.D
 Acq: 3 Aug 2016 9:23

Tgt Ion: 264 Resp: 72622
 Ion Ratio Lower Upper
 264 100
 260 24.0 20.8 31.2
 265 22.5 16.6 25.0





#29

Benzo(b)fluoranthene

Concen: 2.38 ng

RT: 23.45 min Scan# 1531

Delta R.T. 0.05 min

Lab File: BE092140.D

Acq: 3 Aug 2016 9:23

Instrument :

BNA_E

ClientSampleId :

PB92567BS

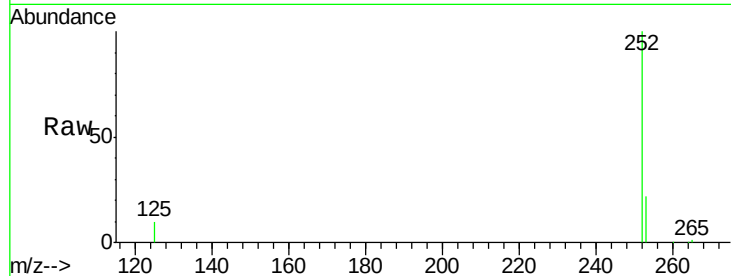
Tgt Ion:252 Resp: 47317

Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.0

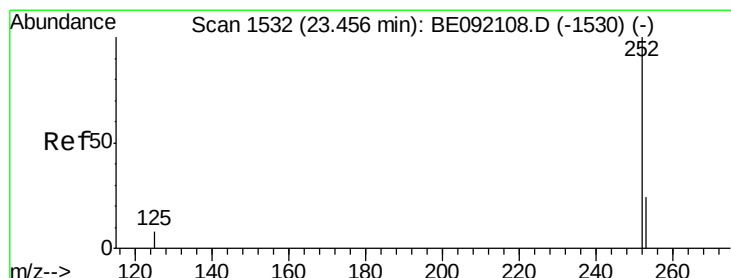
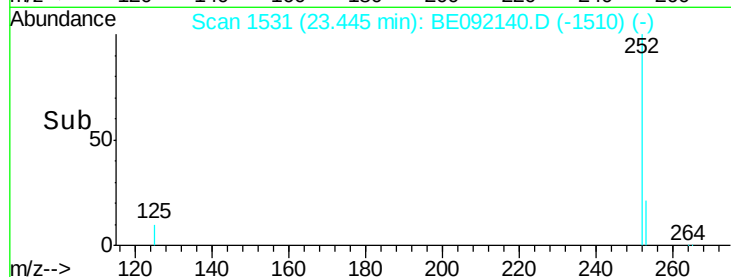
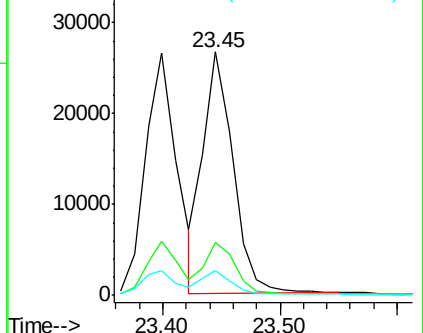
125 10.3 10.2 15.2



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: 2.53 ng

RT: 23.45 min Scan# 1531

Delta R.T. -0.01 min

Lab File: BE092140.D

Acq: 3 Aug 2016 9:23

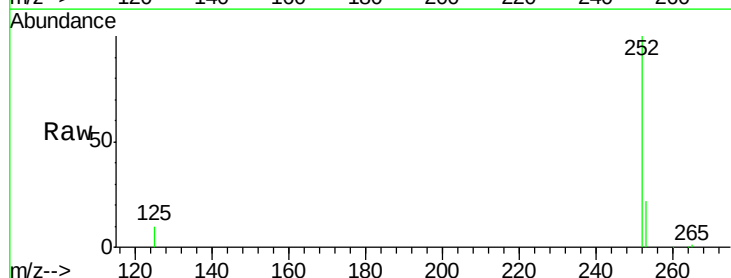
Tgt Ion:252 Resp: 48224

Ion Ratio Lower Upper

252 100

253 21.7 19.4 29.0

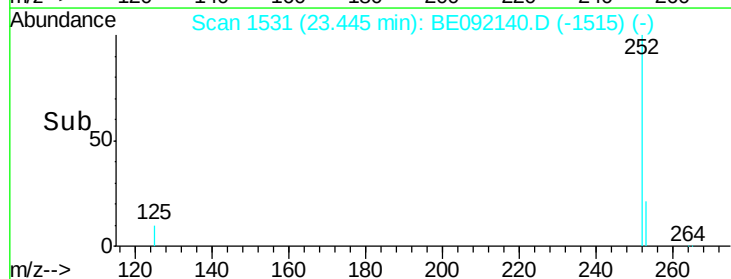
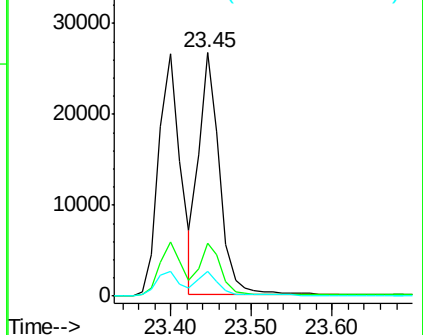
125 10.3 8.9 13.3

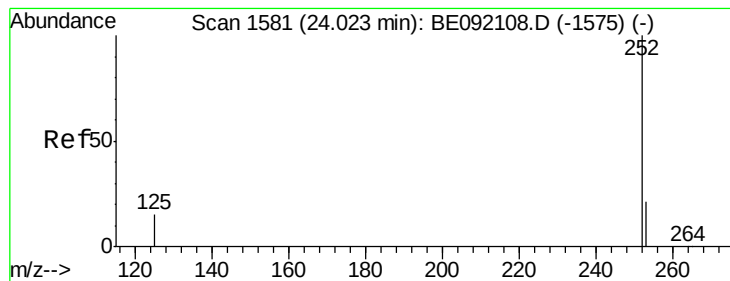


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#31

Benzo(a)pyrene

Concen: 2.50 ng

RT: 24.02 min Scan# 1581

Delta R.T. 0.00 min

Lab File: BE092140.D

Acq: 3 Aug 2016 9:23

Instrument :

BNA_E

ClientSampleId :

PB92567BS

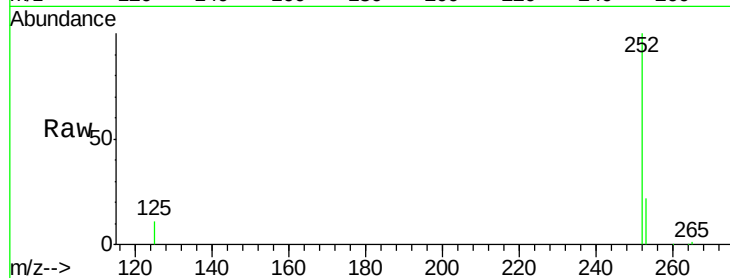
Tgt Ion: 252 Resp: 45739

Ion Ratio Lower Upper

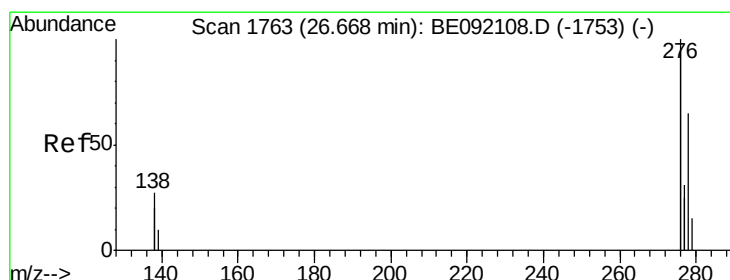
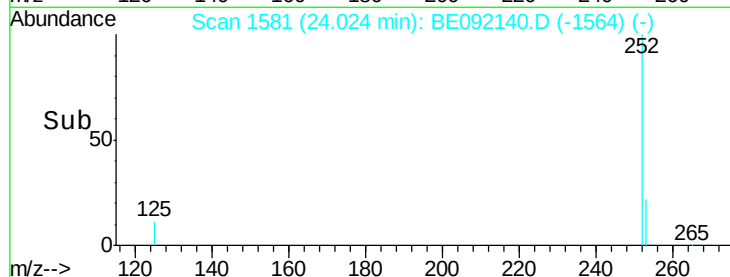
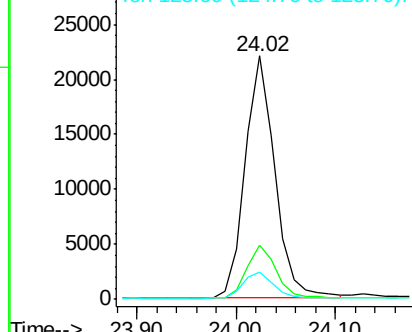
252 100

253 22.1 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: 2.64 ng

RT: 26.65 min Scan# 1761

Delta R.T. -0.02 min

Lab File: BE092140.D

Acq: 3 Aug 2016 9:23

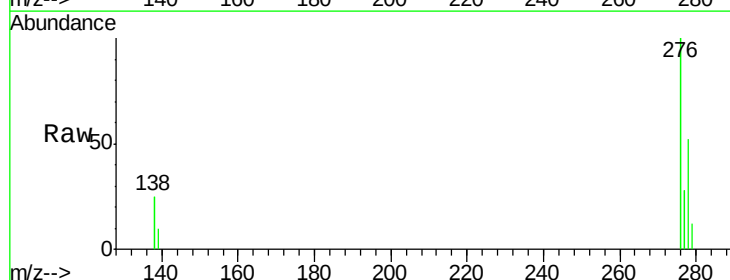
Tgt Ion: 278 Resp: 45983

Ion Ratio Lower Upper

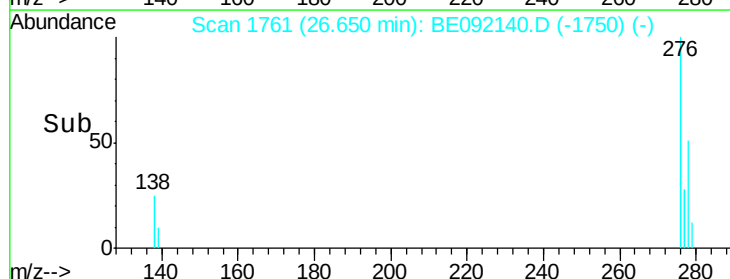
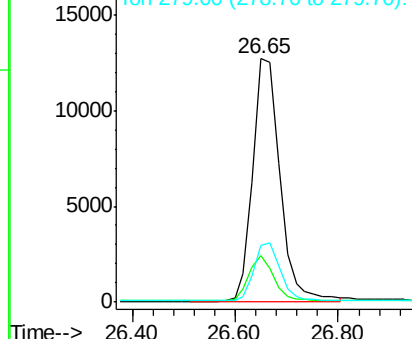
278 100

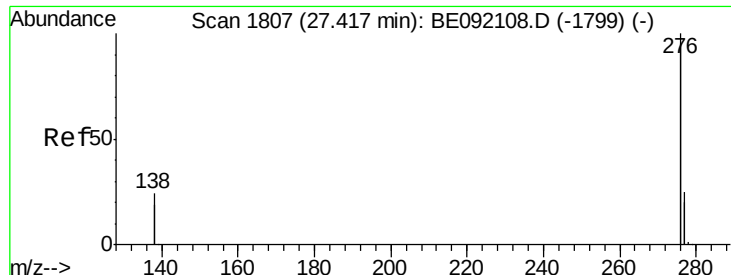
139 19.1 16.7 25.1

279 23.3 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(g,h,i)perylene

Concen: 2.68 ng

RT: 27.40 min Scan# 1805

Delta R.T. -0.02 min

Lab File: BE092140.D

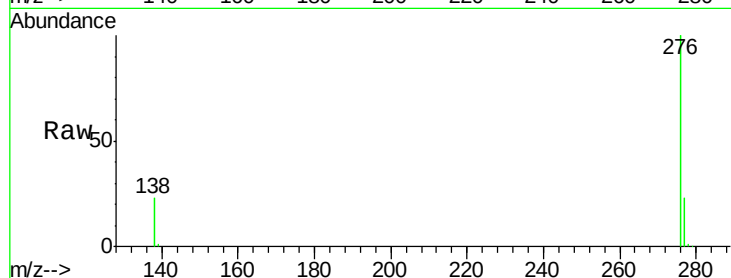
Acq: 3 Aug 2016 9:23

Instrument :

BNA_E

ClientSampleId :

PB92567BS



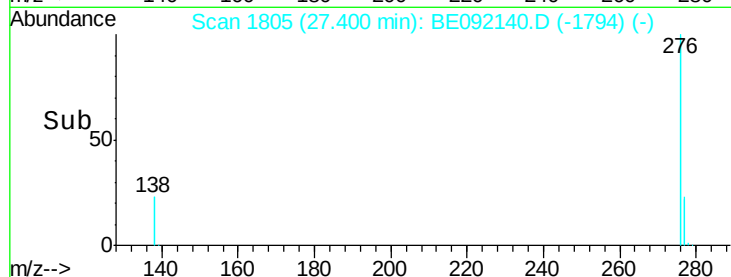
Tgt Ion: 276 Resp: 199180

Ion Ratio Lower Upper

276 100

277 23.0 19.5 29.3

138 23.5 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

