

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE080816\
 Data File : BE092225.D
 Acq On : 8 Aug 2016 20:49
 Operator : UM/SJ
 Sample : PB92747BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB92747BS

Quant Time: Aug 09 02:43:19 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	13730	5.00	ng	0.00
6) Naphthalene-d8	10.98	136	59197	5.00	ng	-0.01
10) Acenaphthene-d10	14.83	164	29835	5.00	ng	-0.02
16) Phenanthrene-d10	17.56	188	61318	5.00	ng	-0.02
22) Chrysene-d12	21.73	240	64719	5.00	ng	-0.02
28) Perylene-d12	24.14	264	68703	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.69	112	23447	6.65	ng	0.00
5) Phenol-d6	7.34	99	30061	6.40	ng	-0.01
7) Nitrobenzene-d5	9.34	82	14140	3.03	ng	-0.01
11) 2,4,6-Tribromophenol	16.32	330	6238	6.44	ng	-0.01
12) 2-Fluorobiphenyl	13.45	172	29459	3.12	ng	-0.01
24) Terphenyl-d14	20.19	244	30938	3.33	ng	-0.02

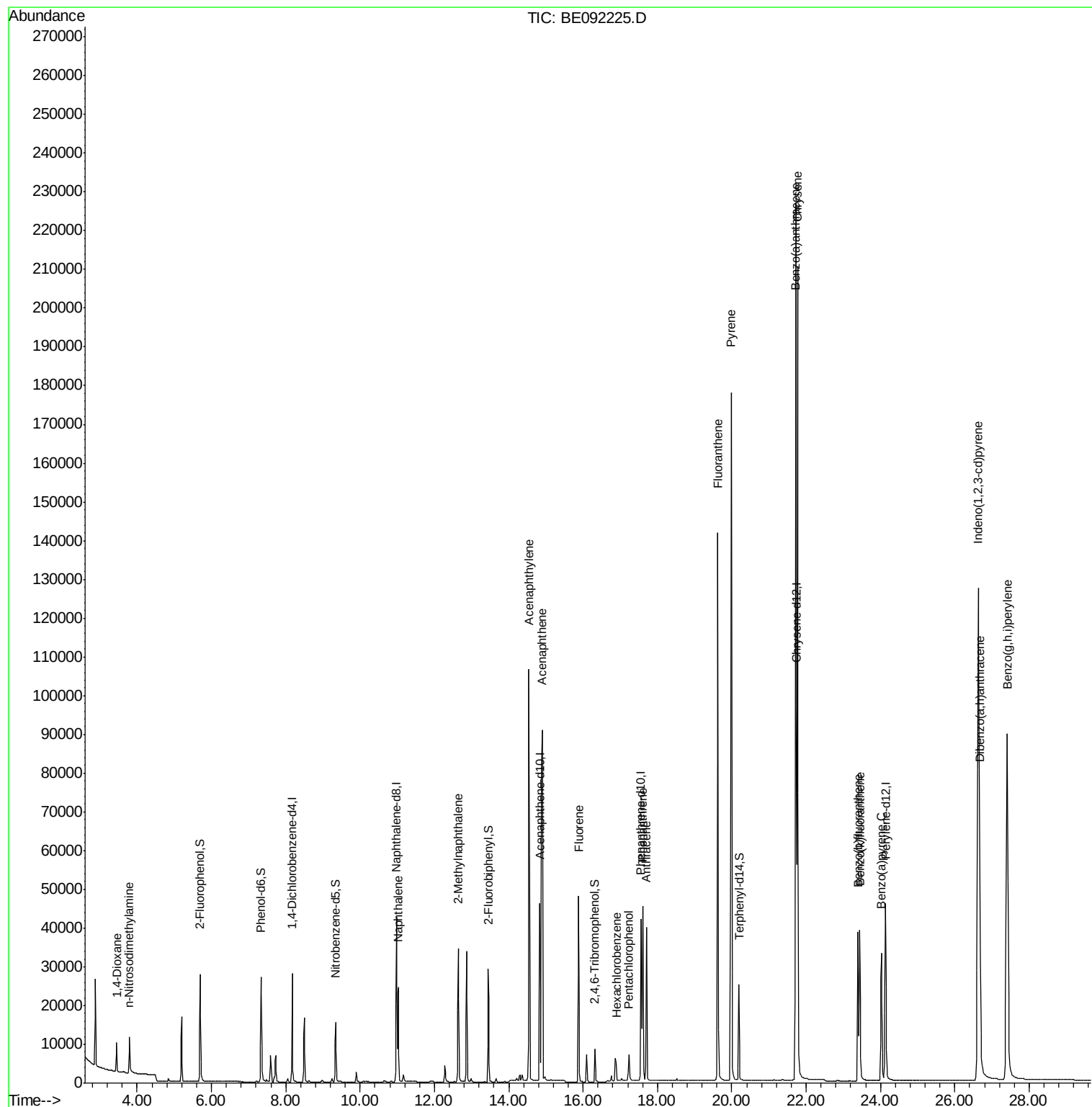
Target Compounds						Qvalue
2) 1,4-Dioxane	3.44	88	4433	2.37	ng	# 80
3) n-Nitrosodimethylamine	3.78	42	7642	2.98	ng	# 97
8) Naphthalene	11.03	128	39008	3.07	ng	95
9) 2-Methylnaphthalene	12.64	142	26153	3.11	ng	90
13) Acenaphthylene	14.54	152	155385	2.95	ng	98
14) Acenaphthene	14.90	154	24095	2.87	ng	97
15) Fluorene	15.88	166	29392	2.76	ng	99
17) Hexachlorobenzene	16.89	284	7586	2.53	ng	# 38
18) Pentachlorophenol	17.24	266	6014	5.39	ng	# 84
19) Phenanthrene	17.60	178	51428	3.07	ng	99
20) Anthracene	17.70	178	47107	2.89	ng	99
21) Fluoranthene	19.63	202	198794	2.65	ng	97
23) Pyrene	19.99	202	209315	3.09	ng	97
25) Benzo(a)anthracene	21.72	228	215333	3.03	ng	97
26) Chrysene	21.77	228	199347	2.80	ng	# 89
27) Indeno(1,2,3-cd)pyrene	26.63	276	273456	3.53	ng	100
29) Benzo(b)fluoranthene	23.40	252	57059	3.04	ng	# 96
30) Benzo(k)fluoranthene	23.45	252	52428	2.91	ng	97
31) Benzo(a)pyrene	24.02	252	53664	3.11	ng	95
32) Dibenzo(a,h)anthracene	26.67	278	57121	3.47	ng	# 92
33) Benzo(g,h,i)perylene	27.42	276	236458	3.36	ng	# 94

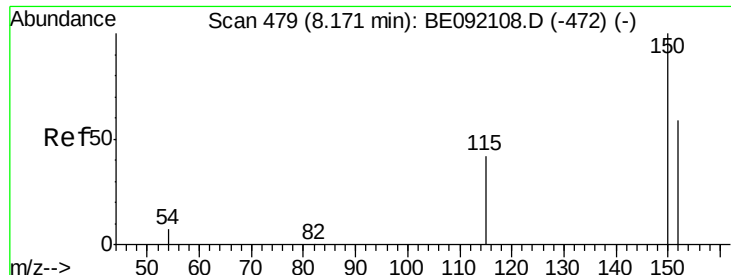
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE080816\
Data File : BE092225.D
Acq On : 8 Aug 2016 20:49
Operator : UM/SJ
Sample : PB92747BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB92747BS

Quant Time: Aug 09 02:43:19 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

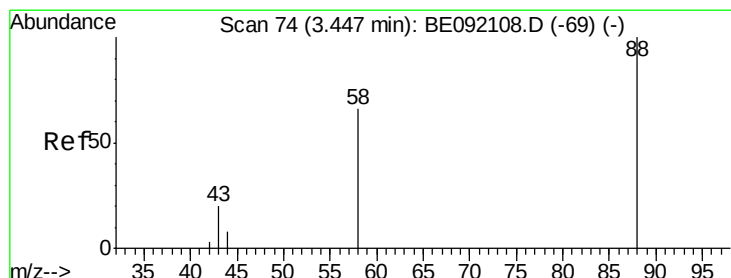
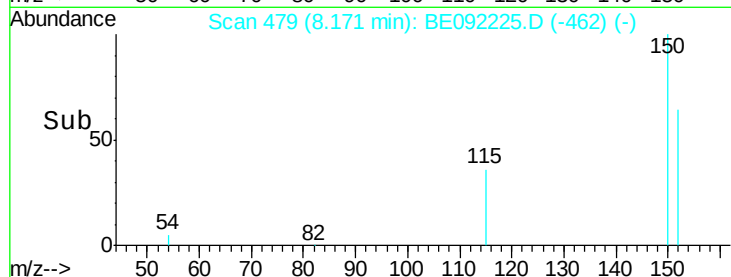
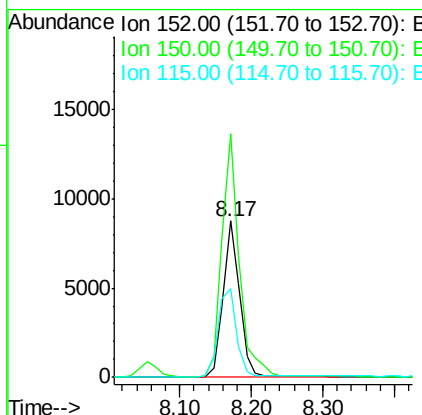
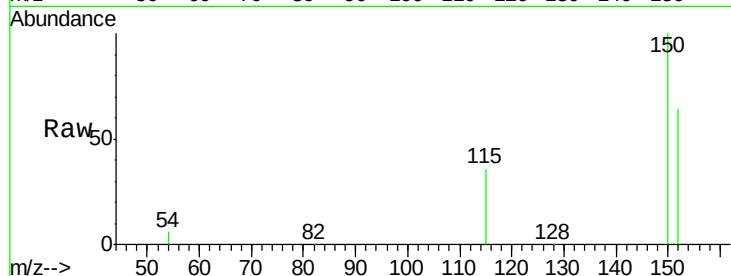




#1
 1,4-Dichlorobenzene-d4
 Concen: 5.00 ng
 RT: 8.17 min Scan# 479
 Delta R.T. -0.00 min
 Lab File: BE092225.D
 Acq: 8 Aug 2016 20:49

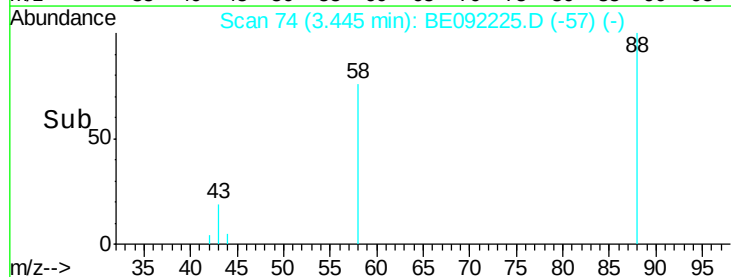
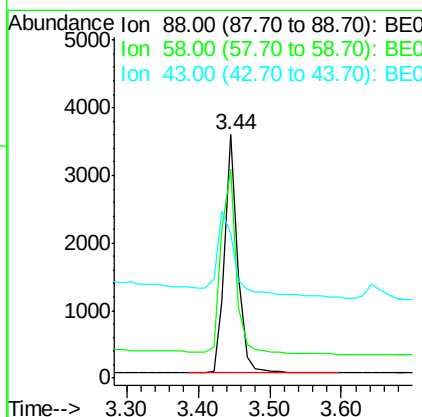
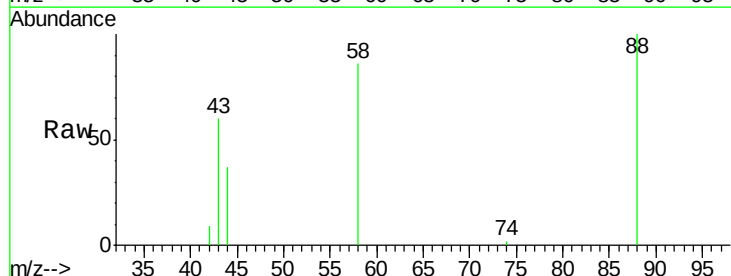
Instrument :
 BNA_E
 ClientSampleId :
 PB92747BS

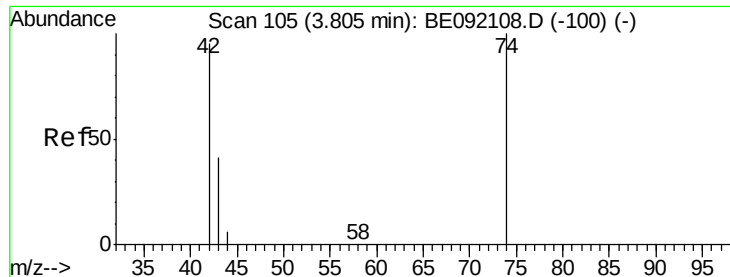
Tgt Ion:152 Resp: 13730
 Ion Ratio Lower Upper
 152 100
 150 156.0 106.0 159.0
 115 56.5 36.9 55.3#



#2
 1,4-Dioxane
 Concen: 2.37 ng
 RT: 3.44 min Scan# 74
 Delta R.T. -0.00 min
 Lab File: BE092225.D
 Acq: 8 Aug 2016 20:49

Tgt Ion: 88 Resp: 4433
 Ion Ratio Lower Upper
 88 100
 58 90.6 62.1 93.1
 43 51.4 27.2 40.8#





#3

n-Nitrosodimethylamine

Concen: 2.98 ng

RT: 3.78 min Scan# 103

Delta R.T. -0.02 min

Lab File: BE092225.D

Acq: 8 Aug 2016 20:49

Instrument :

BNA_E

ClientSampled :

PB92747BS

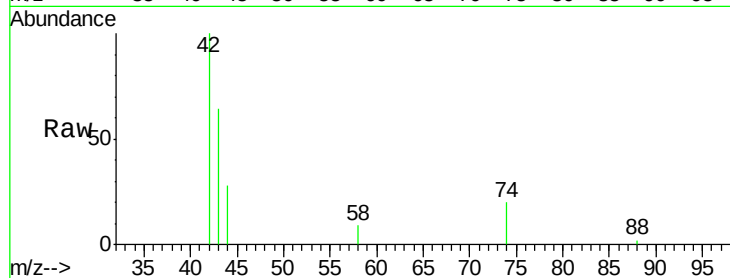
Tgt Ion: 42 Resp: 7642

Ion Ratio Lower Upper

42 100

74 100.6 82.8 124.2

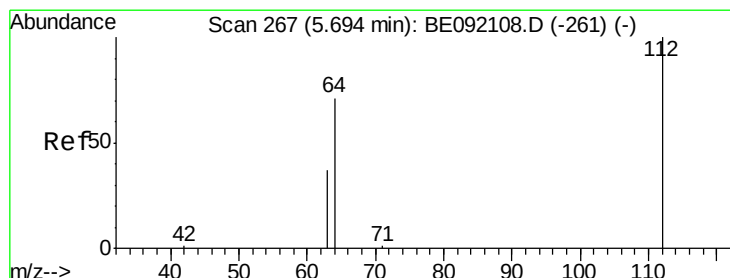
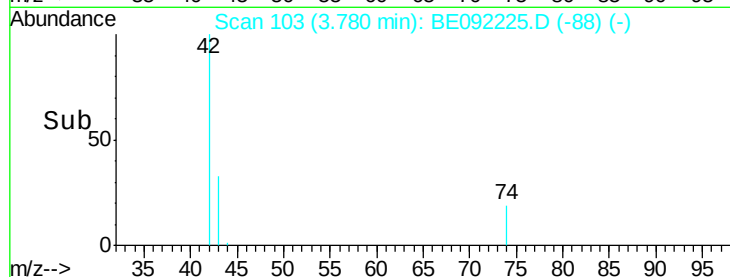
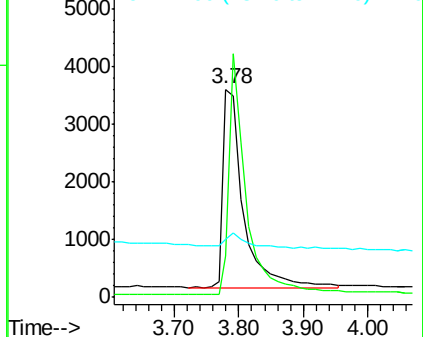
44 7.7 9.0 13.4#



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: 6.65 ng

RT: 5.69 min Scan# 267

Delta R.T. -0.00 min

Lab File: BE092225.D

Acq: 8 Aug 2016 20:49

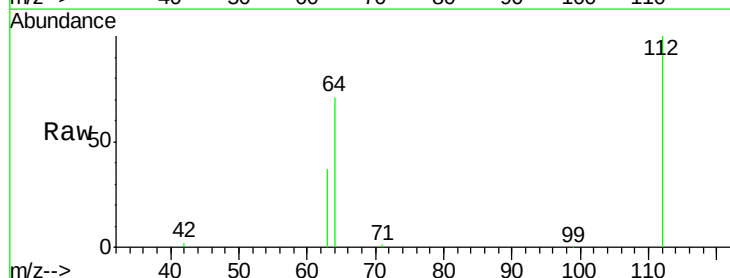
Tgt Ion: 112 Resp: 23447

Ion Ratio Lower Upper

112 100

64 66.9 55.9 83.9

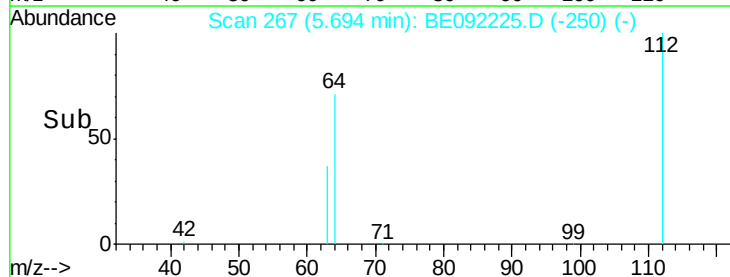
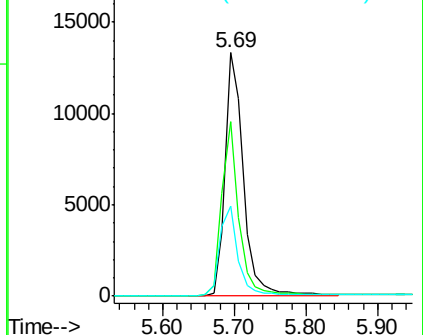
63 36.6 31.1 46.7

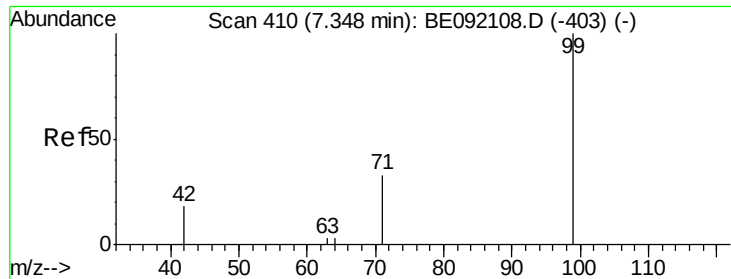


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 6.40 ng

RT: 7.34 min Scan# 409

Delta R.T. -0.01 min

Lab File: BE092225.D

Acq: 8 Aug 2016 20:49

Instrument :

BNA_E

ClientSampleId :

PB92747BS

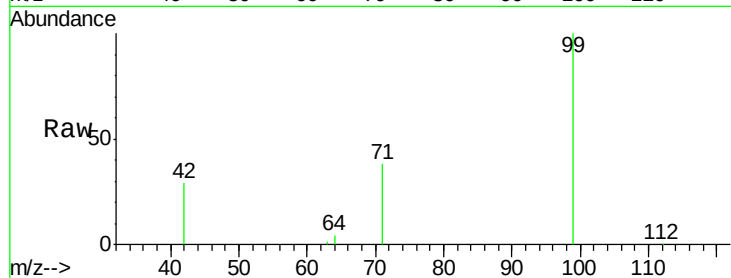
Tgt Ion: 99 Resp: 30061

Ion Ratio Lower Upper

99 100

42 26.0 22.4 33.6

71 35.3 28.9 43.3



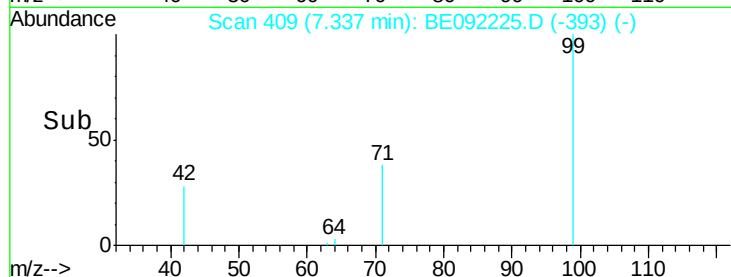
Abundance Ion 99.00 (98.70 to 99.70): BE092108.D (-403) (-)

Ion 42.00 (41.70 to 42.70): BE092108.D (-403) (-)

Ion 71.00 (70.70 to 71.70): BE092108.D (-403) (-)

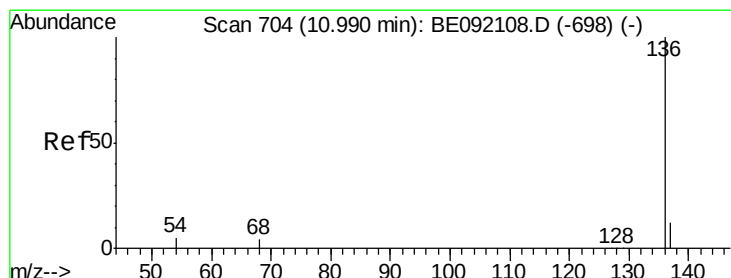
7.34

Time-->



7.34

Time-->



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.98 min Scan# 703

Delta R.T. -0.01 min

Lab File: BE092225.D

Acq: 8 Aug 2016 20:49

Tgt Ion: 136 Resp: 59197

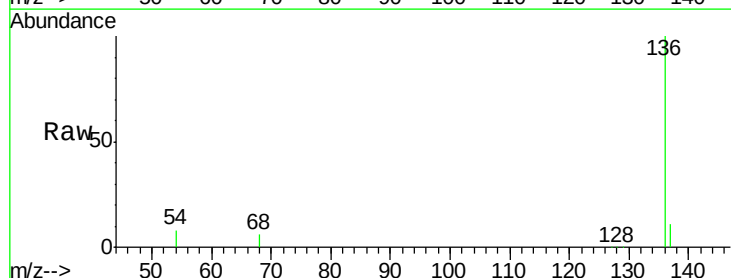
Ion Ratio Lower Upper

136 100

137 10.7 9.1 13.7

54 8.3 2.7 4.1#

68 6.0 2.2 3.4#



Abundance Ion 136.00 (135.70 to 136.70): BE092108.D (-698) (-)

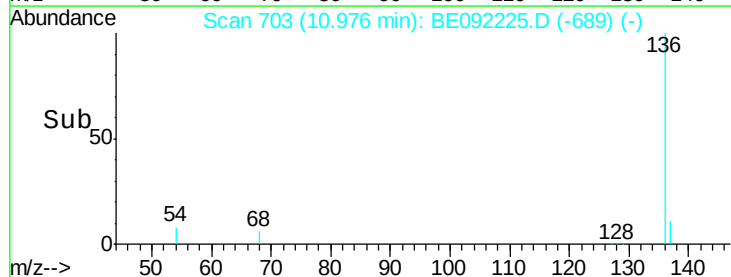
Ion 137.00 (136.70 to 137.70): BE092108.D (-698) (-)

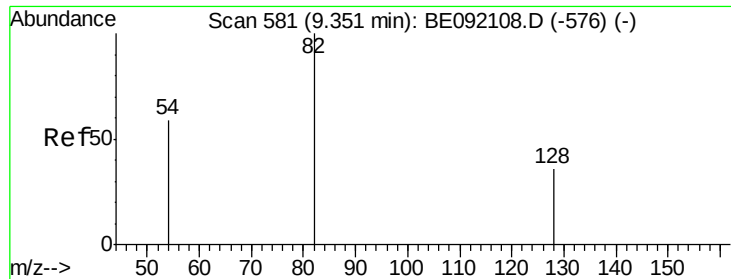
Ion 54.00 (53.70 to 54.70): BE092108.D (-698) (-)

Ion 68.00 (67.70 to 68.70): BE092108.D (-698) (-)

10.98

Time-->





#7

Nitrobenzene-d5

Concen: 3.03 ng

RT: 9.34 min Scan# 580

Delta R.T. -0.01 min

Lab File: BE092225.D

Acq: 8 Aug 2016 20:49

Instrument :

BNA_E

ClientSampleId :

PB92747BS

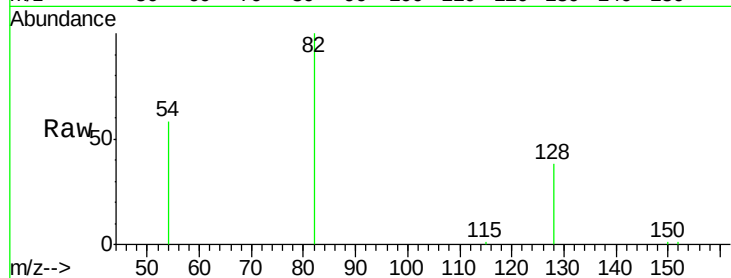
Tgt Ion: 82 Resp: 14140

Ion Ratio Lower Upper

82 100

128 37.9 33.0 49.4

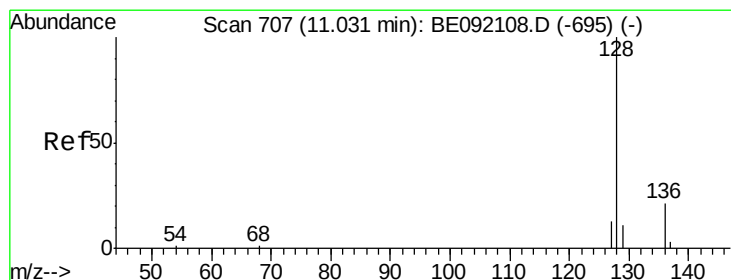
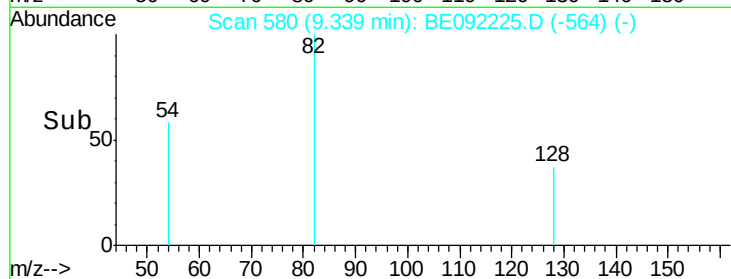
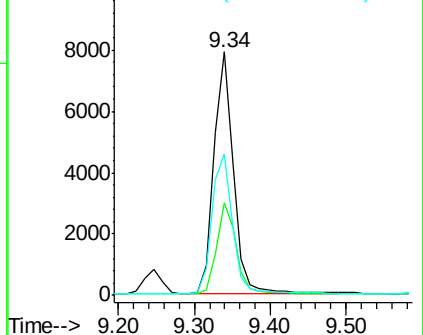
54 58.3 42.6 63.8



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: 3.07 ng

RT: 11.03 min Scan# 707

Delta R.T. 0.00 min

Lab File: BE092225.D

Acq: 8 Aug 2016 20:49

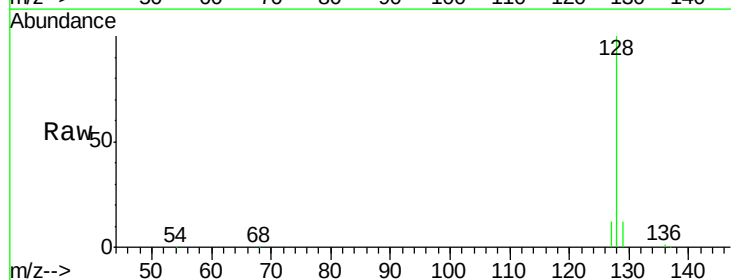
Tgt Ion: 128 Resp: 39008

Ion Ratio Lower Upper

128 100

129 11.9 11.1 16.7

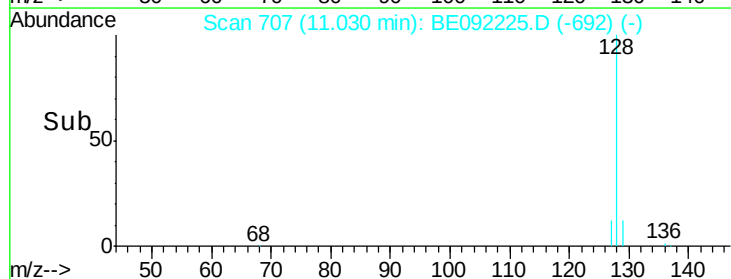
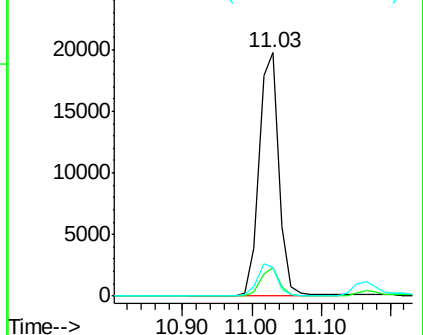
127 11.8 11.3 16.9

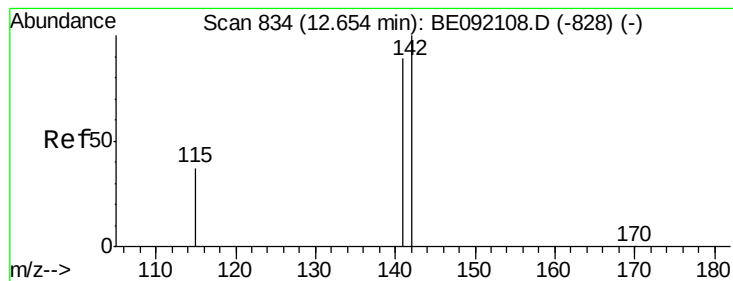


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#9

2-Methylnaphthalene

Concen: 3.11 ng

RT: 12.64 min Scan# 833

Delta R.T. -0.01 min

Lab File: BE092225.D

Acq: 8 Aug 2016 20:49

Instrument :

BNA_E

ClientSampleId :

PB92747BS

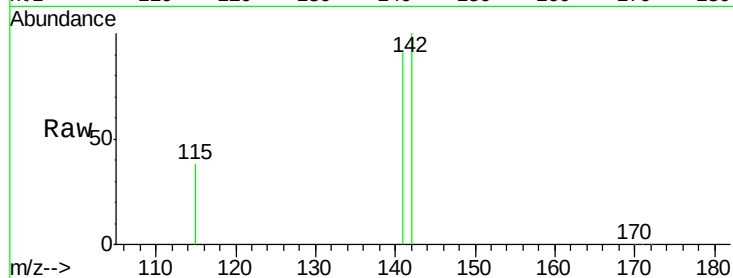
Tgt Ion:142 Resp: 26153

Ion Ratio Lower Upper

142 100

141 91.0 65.1 97.7

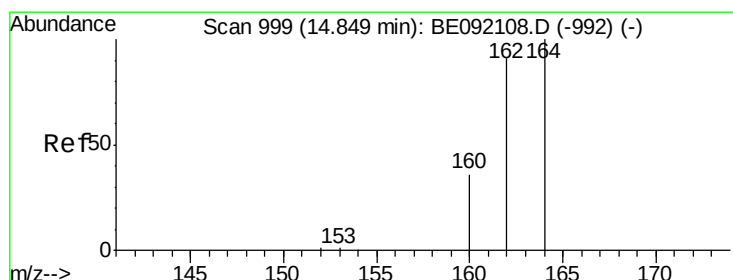
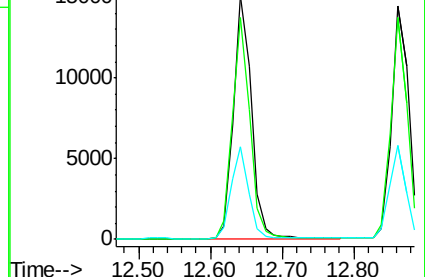
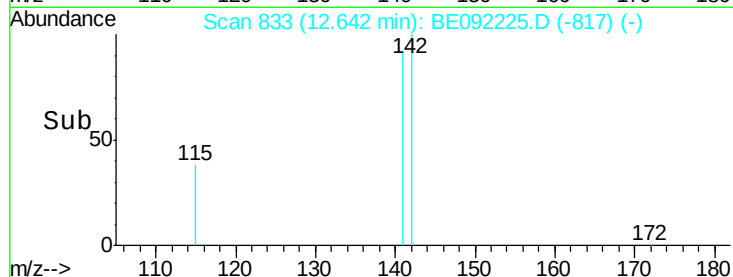
115 38.2 27.0 40.4



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: BE092225.D

Acq: 8 Aug 2016 20:49

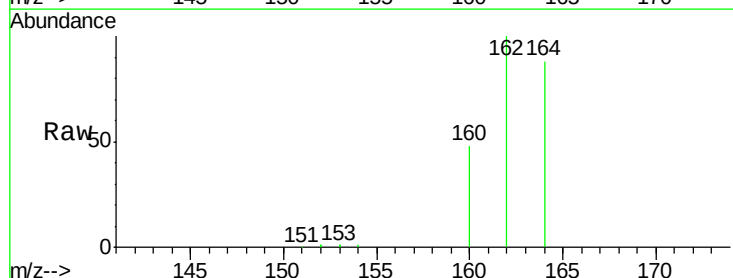
Tgt Ion:164 Resp: 29835

Ion Ratio Lower Upper

164 100

162 113.4 69.5 104.3#

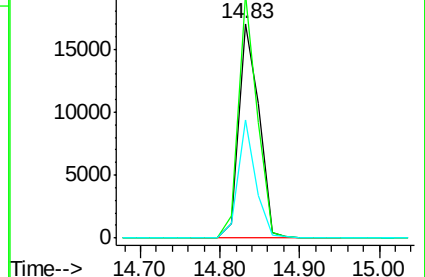
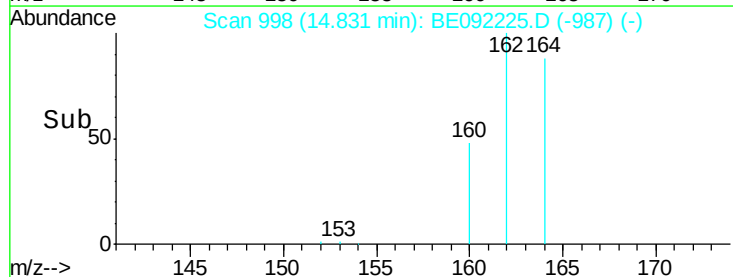
160 54.8 27.6 41.4#

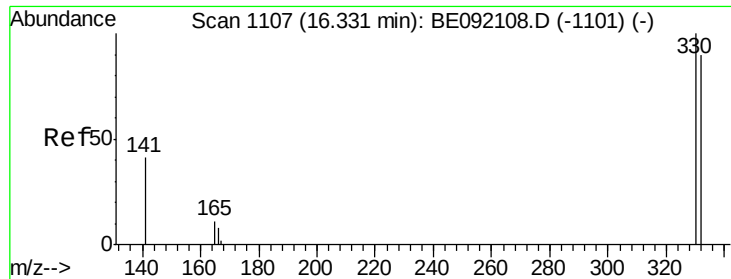


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

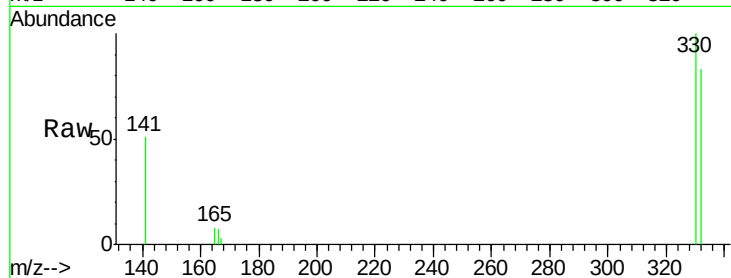




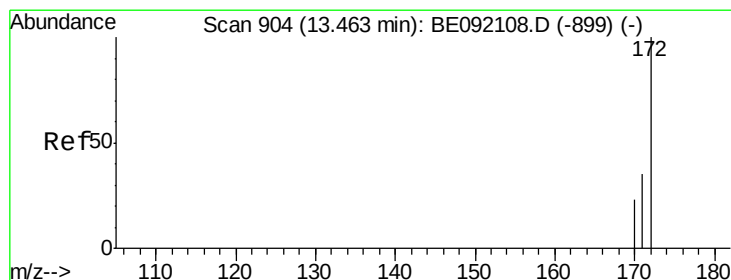
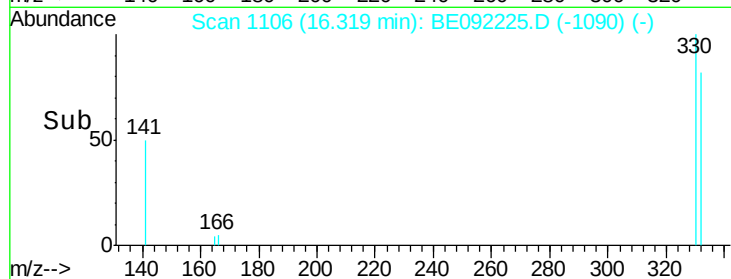
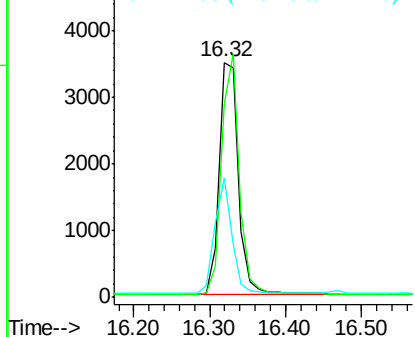
#11
 2,4,6-Tribromophenol
 Concen: 6.44 ng
 RT: 16.32 min Scan# 1106
 Delta R.T. -0.01 min
 Lab File: BE092225.D
 Acq: 8 Aug 2016 20:49

Instrument :
 BNA_E
 ClientSampleId :
 PB92747BS

Tgt Ion:330 Resp: 6238
 Ion Ratio Lower Upper
 330 100
 332 96.3 74.2 111.4
 141 43.8 139.8 209.8#

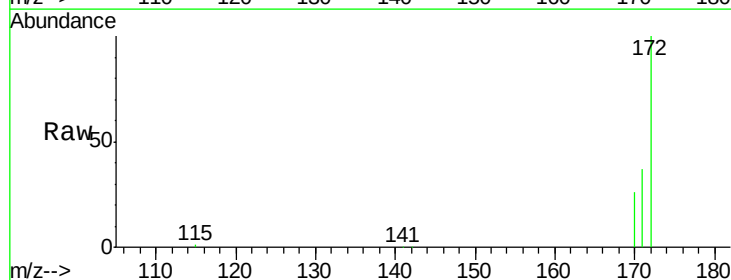


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

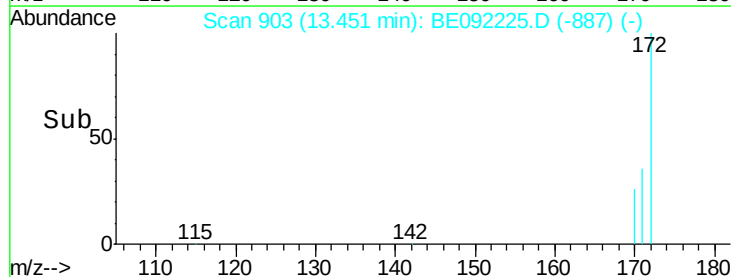
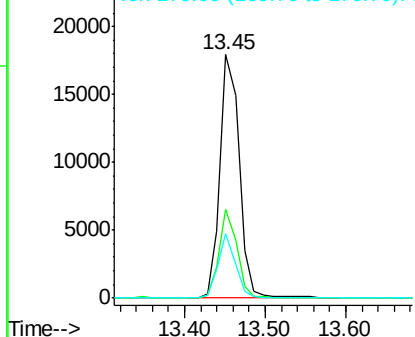


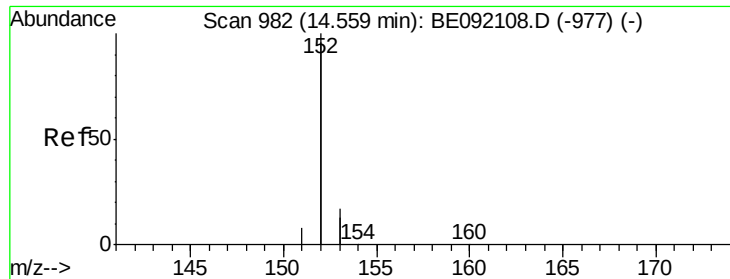
#12
 2-Fluorobiphenyl
 Concen: 3.12 ng
 RT: 13.45 min Scan# 903
 Delta R.T. -0.01 min
 Lab File: BE092225.D
 Acq: 8 Aug 2016 20:49

Tgt Ion:172 Resp: 29459
 Ion Ratio Lower Upper
 172 100
 171 36.5 30.3 45.5
 170 26.3 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: 2.95 ng

RT: 14.54 min Scan# 981

Delta R.T. -0.02 min

Lab File: BE092225.D

Acq: 8 Aug 2016 20:49

Instrument :

BNA_E

ClientSampleId :

PB92747BS

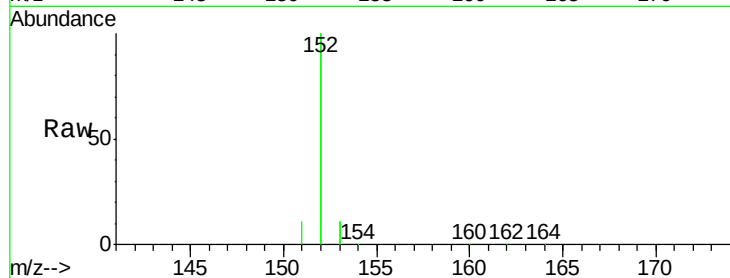
Tgt Ion:152 Resp: 155385

Ion Ratio Lower Upper

152 100

151 4.8 4.0 6.0

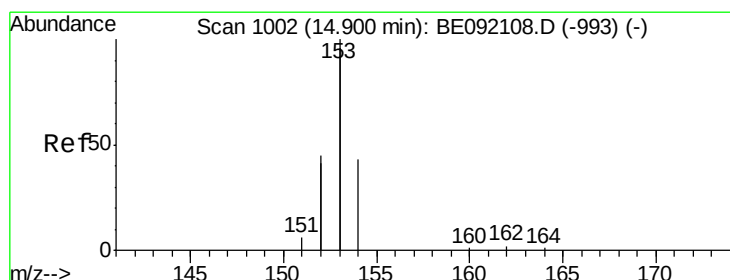
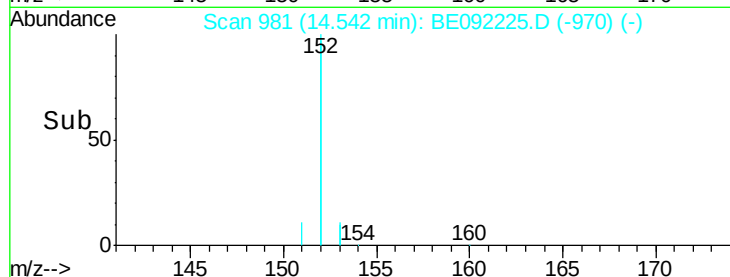
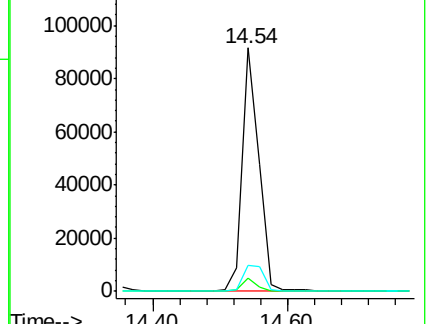
153 13.2 9.6 14.4



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: 2.87 ng

RT: 14.90 min Scan# 1002

Delta R.T. -0.00 min

Lab File: BE092225.D

Acq: 8 Aug 2016 20:49

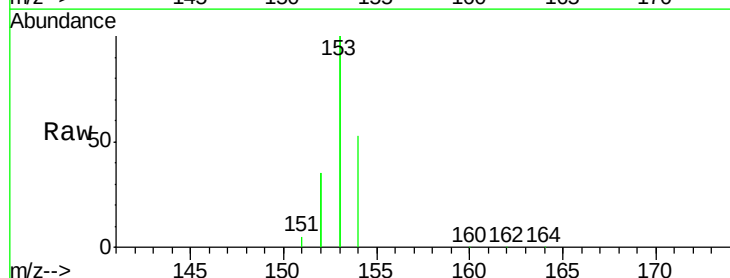
Tgt Ion:154 Resp: 24095

Ion Ratio Lower Upper

154 100

153 441.2 345.1 517.7

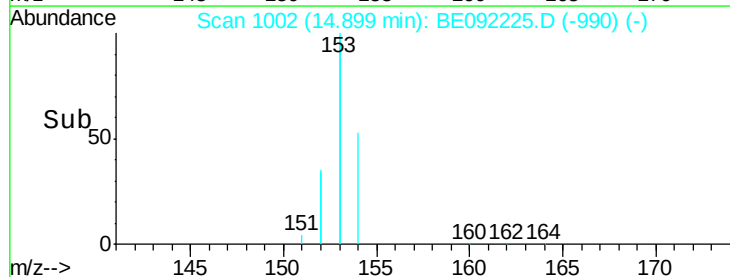
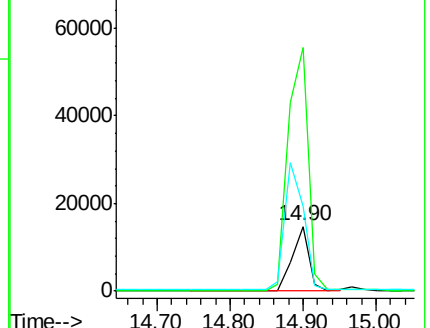
152 217.3 176.0 264.0

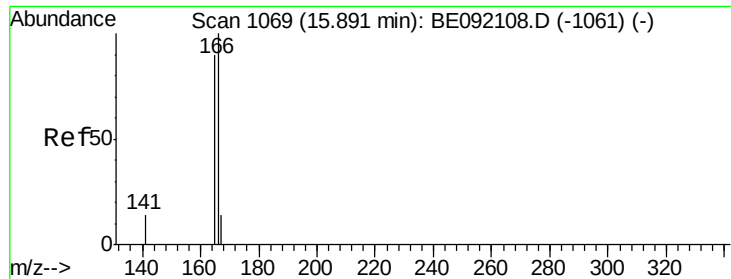


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#15

Fluorene

Concen: 2.76 ng

RT: 15.88 min Scan# 1068

Delta R.T. -0.01 min

Lab File: BE092225.D

Acq: 8 Aug 2016 20:49

Instrument :

BNA_E

ClientSampleId :

PB92747BS

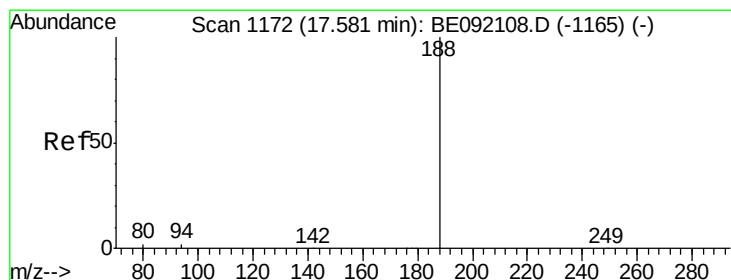
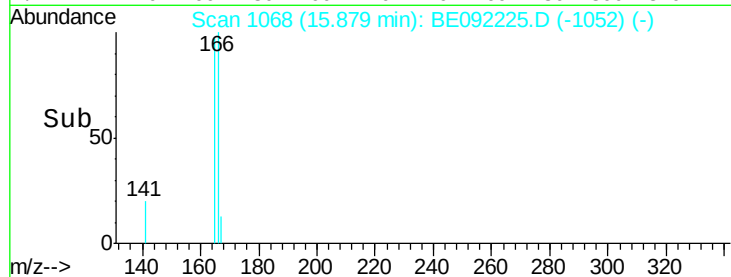
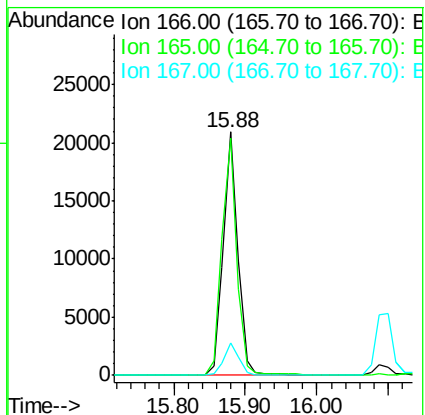
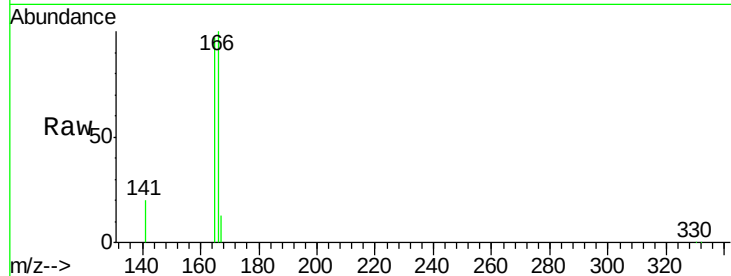
Tgt Ion:166 Resp: 29392

Ion Ratio Lower Upper

166 100

165 99.0 78.6 118.0

167 13.4 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: BE092225.D

Acq: 8 Aug 2016 20:49

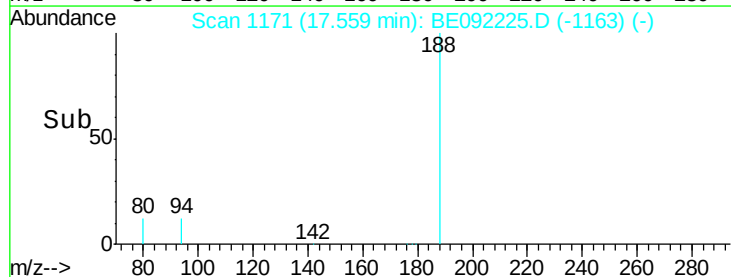
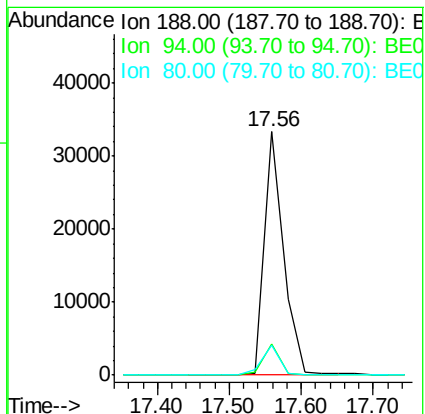
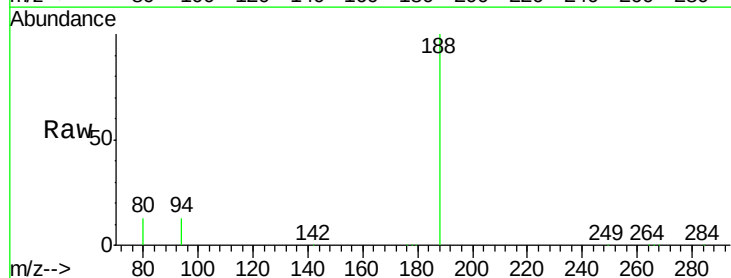
Tgt Ion:188 Resp: 61318

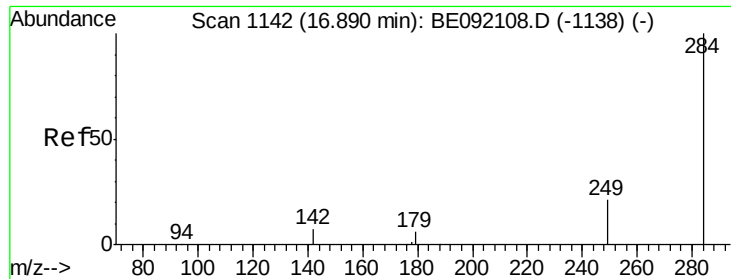
Ion Ratio Lower Upper

188 100

94 12.6 3.9 5.9#

80 12.5 3.4 5.0#

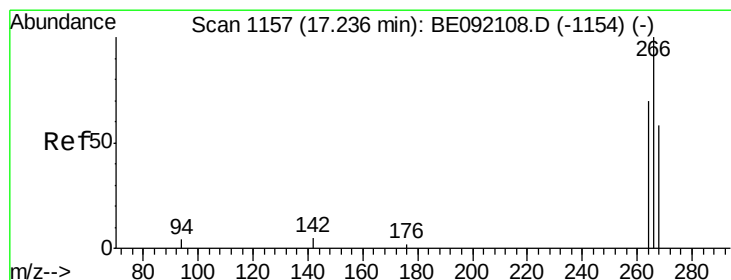
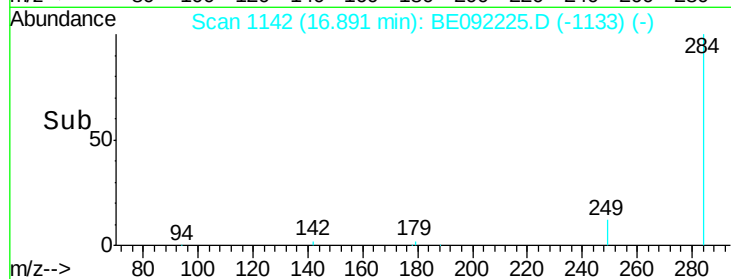
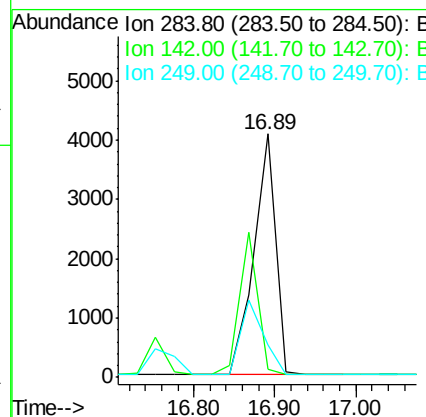
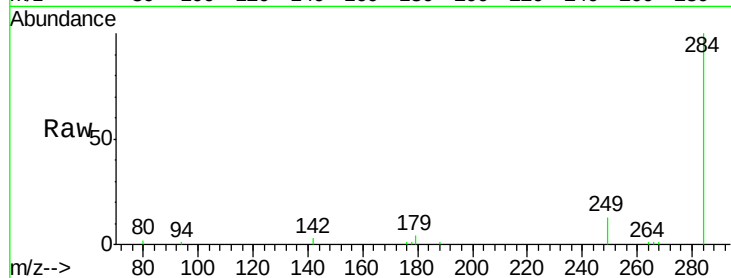




#17
Hexachlorobenzene
Concen: 2.53 ng
RT: 16.89 min Scan# 1142
Delta R.T. 0.00 min
Lab File: BE092225.D
Acq: 8 Aug 2016 20:49

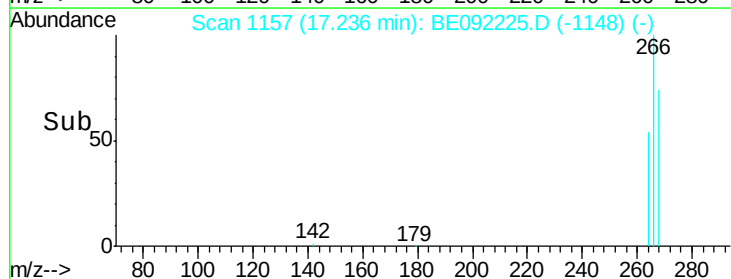
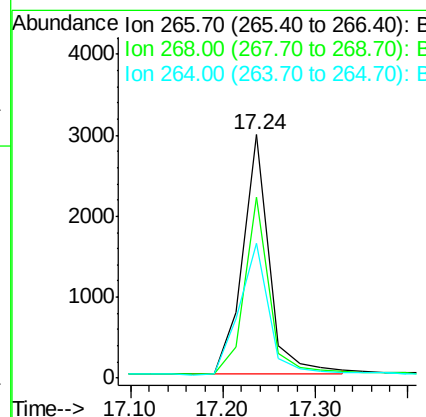
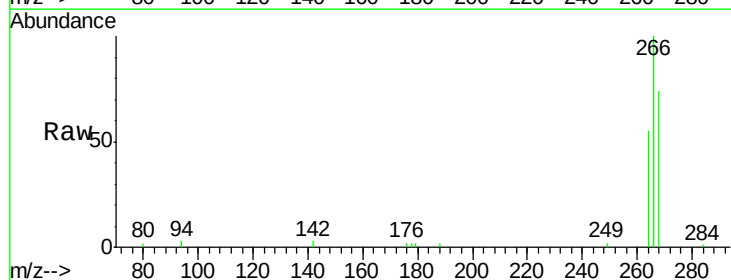
Instrument :
BNA_E
ClientSampleId :
PB92747BS

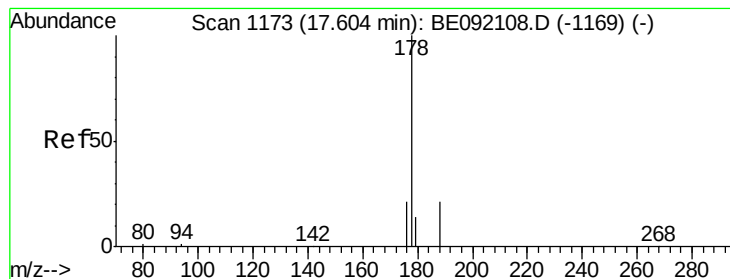
Tgt Ion: 284 Resp: 7586
Ion Ratio Lower Upper
284 100
142 0.0 33.3 49.9#
249 0.0 25.4 38.0#



#18
Pentachlorophenol
Concen: 5.39 ng
RT: 17.24 min Scan# 1157
Delta R.T. 0.00 min
Lab File: BE092225.D
Acq: 8 Aug 2016 20:49

Tgt Ion: 266 Resp: 6014
Ion Ratio Lower Upper
266 100
268 74.1 62.7 94.1
264 55.1 63.5 95.3#





#19

Phenanthrene

Concen: 3.07 ng

RT: 17.60 min Scan# 1173

Delta R.T. 0.00 min

Lab File: BE092225.D

Acq: 8 Aug 2016 20:49

Instrument :

BNA_E

ClientSampleId :

PB92747BS

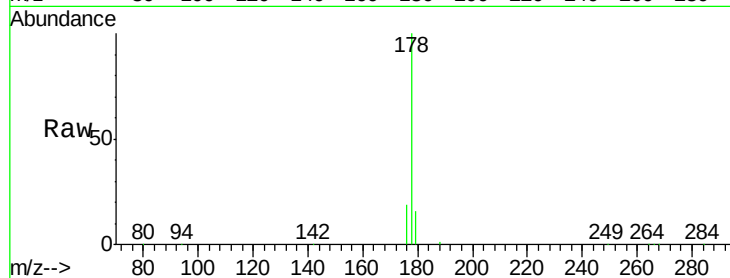
Tgt Ion:178 Resp: 51428

Ion Ratio Lower Upper

178 100

176 18.9 15.4 23.0

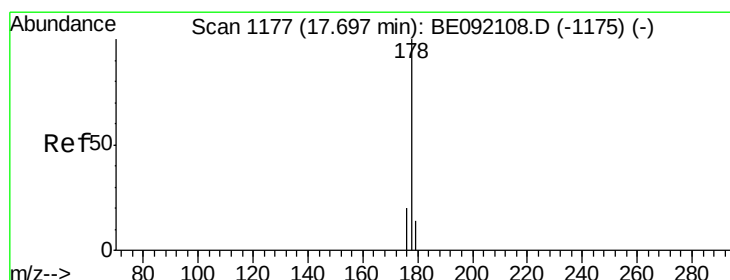
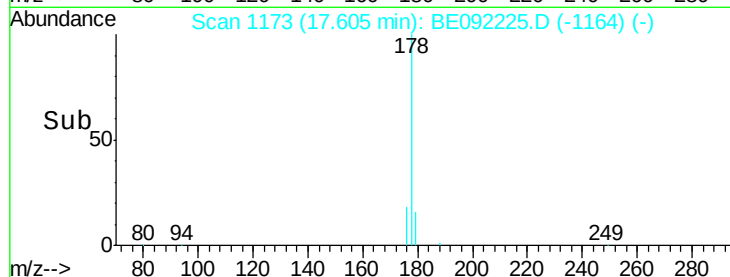
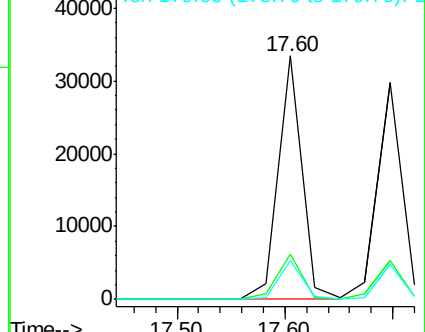
179 15.6 12.7 19.1



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: 2.89 ng

RT: 17.70 min Scan# 1177

Delta R.T. 0.00 min

Lab File: BE092225.D

Acq: 8 Aug 2016 20:49

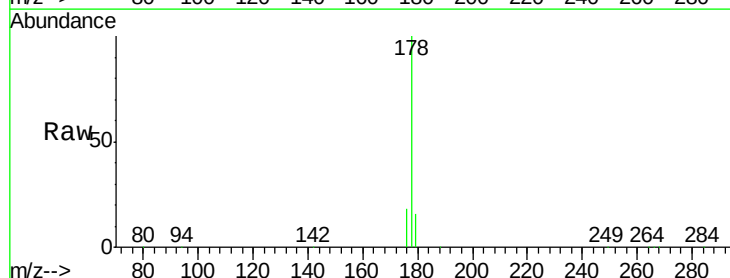
Tgt Ion:178 Resp: 47107

Ion Ratio Lower Upper

178 100

176 18.3 15.2 22.8

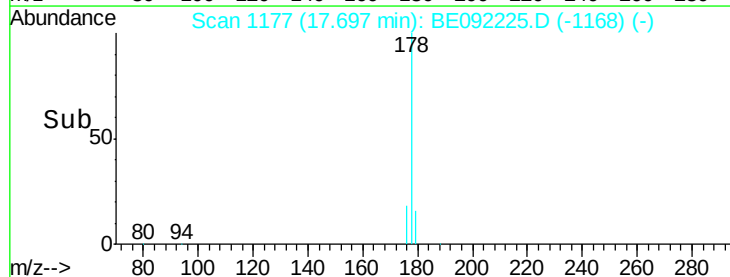
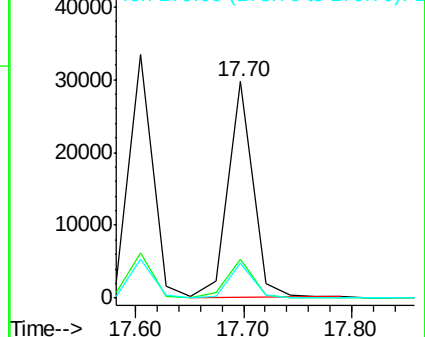
179 15.5 12.2 18.4

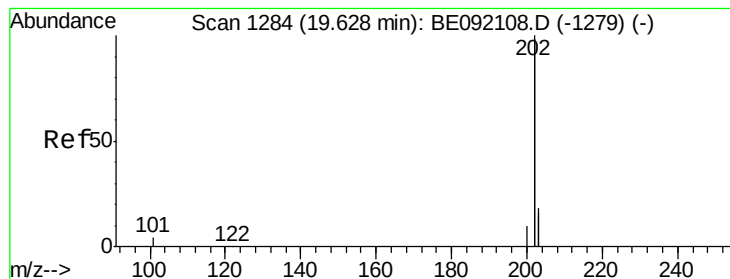


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#21

Fluoranthene

Concen: 2.65 ng

RT: 19.63 min Scan# 1284

Delta R.T. -0.00 min

Lab File: BE092225.D

Acq: 8 Aug 2016 20:49

Instrument :

BNA_E

ClientSampleId :

PB92747BS

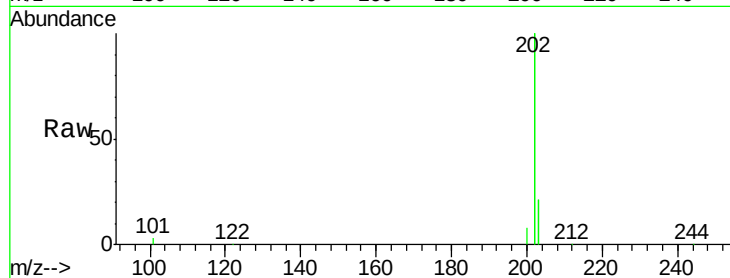
Tgt Ion:202 Resp: 198794

Ion Ratio Lower Upper

202 100

101 2.8 2.2 3.2

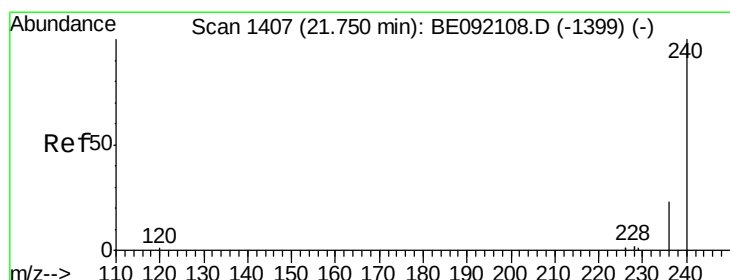
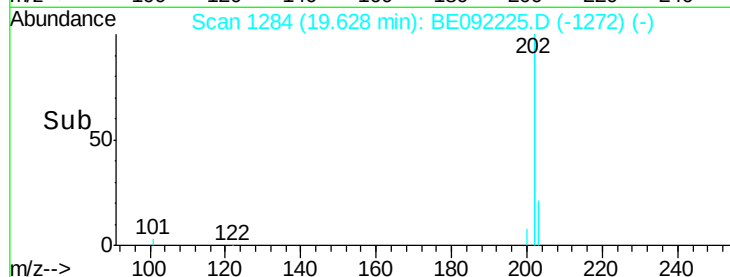
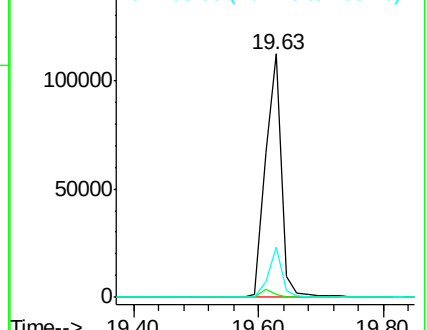
203 17.6 13.0 19.4



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: BE092225.D

Acq: 8 Aug 2016 20:49

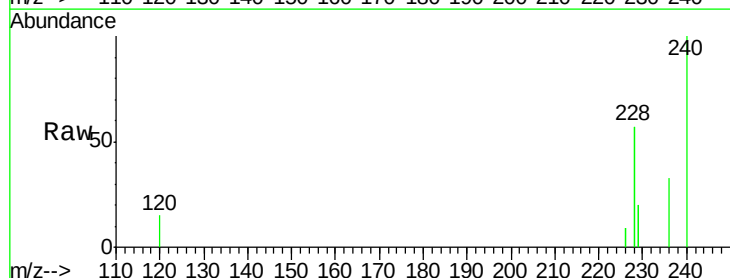
Tgt Ion:240 Resp: 64719

Ion Ratio Lower Upper

240 100

120 14.6 0.6 1.0#

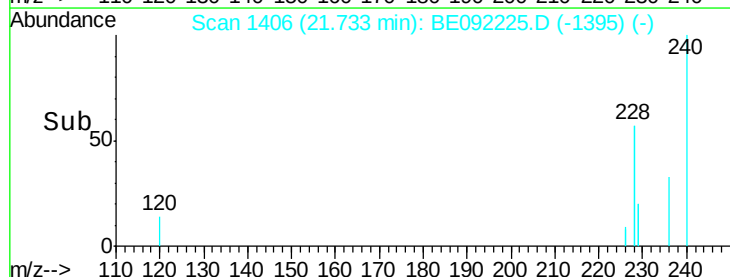
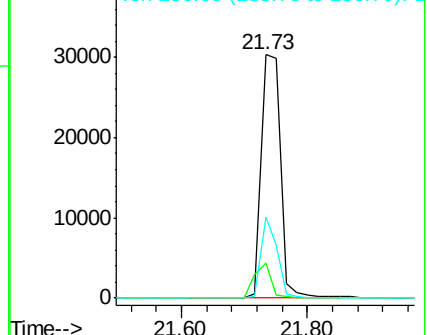
236 33.2 18.2 27.4#

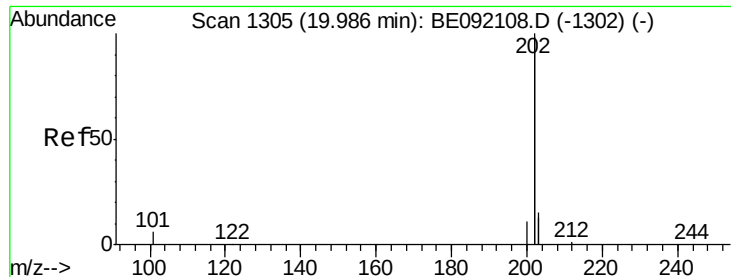


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

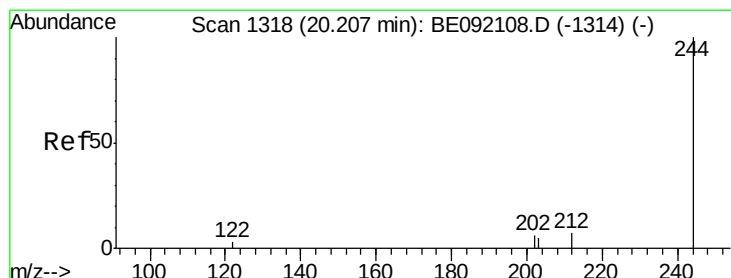
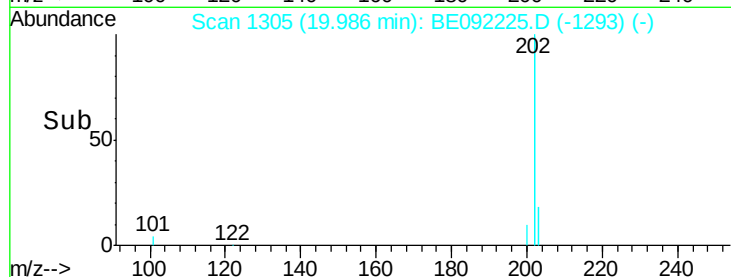
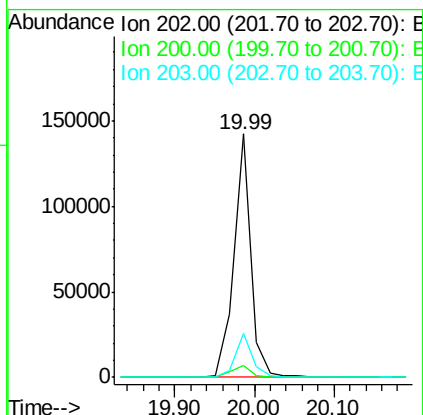
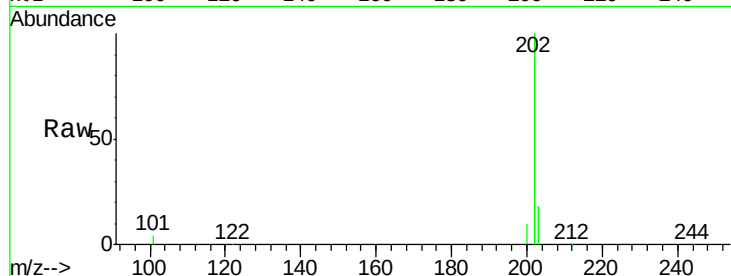




#23
 Pyrene
 Concen: 3.09 ng
 RT: 19.99 min Scan# 1305
 Delta R.T. -0.00 min
 Lab File: BE092225.D
 Acq: 8 Aug 2016 20:49

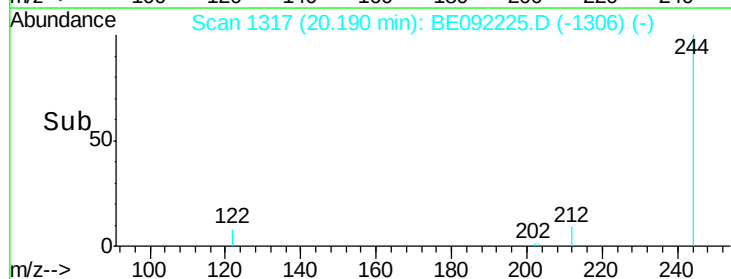
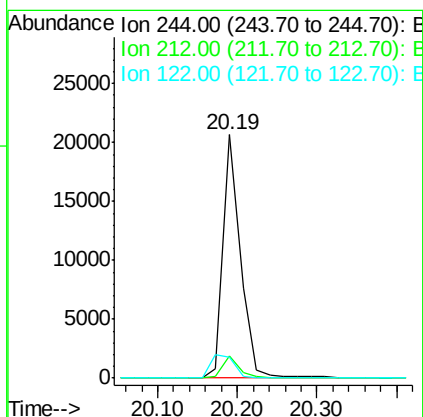
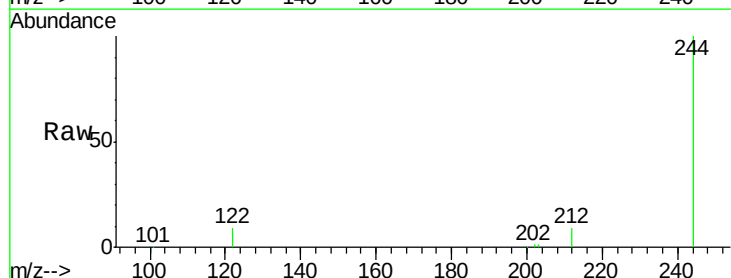
Instrument :
 BNA_E
 ClientSampleId :
 PB92747BS

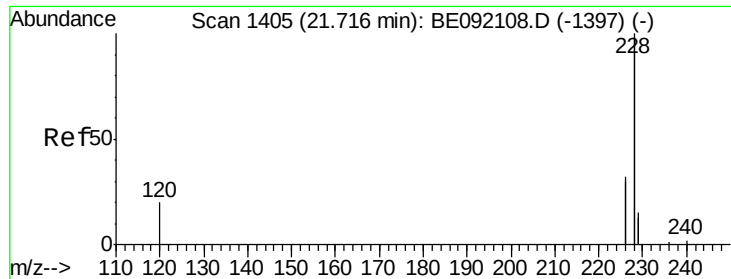
Tgt Ion: 202 Resp: 209315
 Ion Ratio Lower Upper
 202 100
 200 5.3 4.4 6.6
 203 18.1 13.4 20.0



#24
 Terphenyl-d14
 Concen: 3.33 ng
 RT: 20.19 min Scan# 1317
 Delta R.T. -0.02 min
 Lab File: BE092225.D
 Acq: 8 Aug 2016 20:49

Tgt Ion: 244 Resp: 30938
 Ion Ratio Lower Upper
 244 100
 212 9.3 9.1 13.7
 122 8.7 11.0 16.4#





#25

Benzo(a)anthracene

Concen: 3.03 ng

RT: 21.72 min Scan# 1405

Delta R.T. 0.00 min

Lab File: BE092225.D

Acq: 8 Aug 2016 20:49

Instrument :

BNA_E

ClientSampleId :

PB92747BS

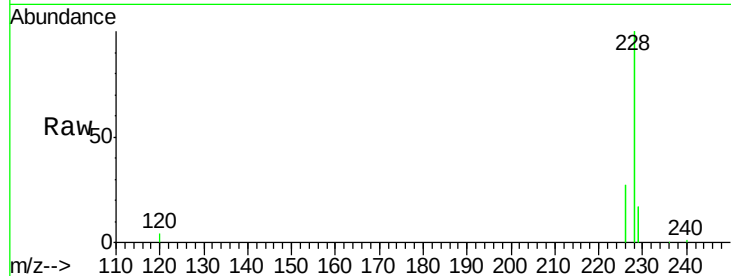
Tgt Ion:228 Resp: 215333

Ion Ratio Lower Upper

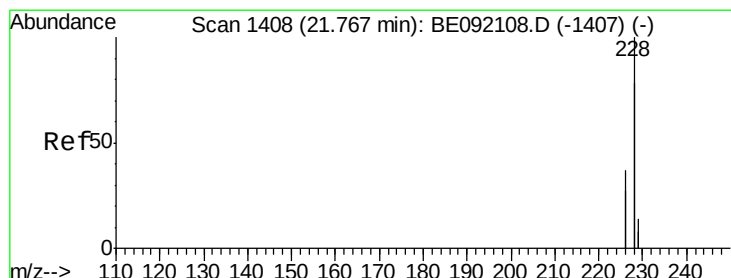
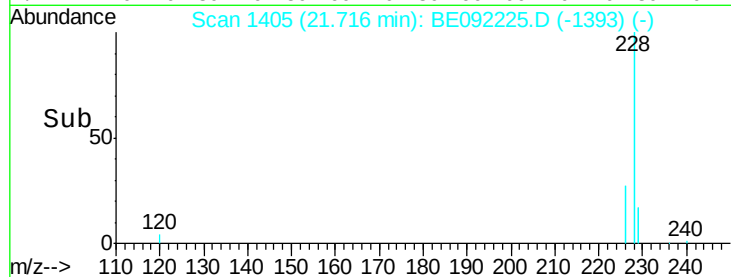
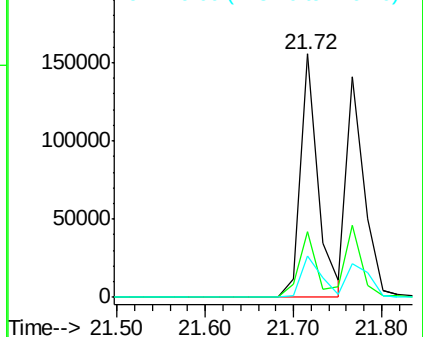
228 100

226 26.9 22.1 33.1

229 16.8 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: 2.80 ng

RT: 21.77 min Scan# 1408

Delta R.T. 0.00 min

Lab File: BE092225.D

Acq: 8 Aug 2016 20:49

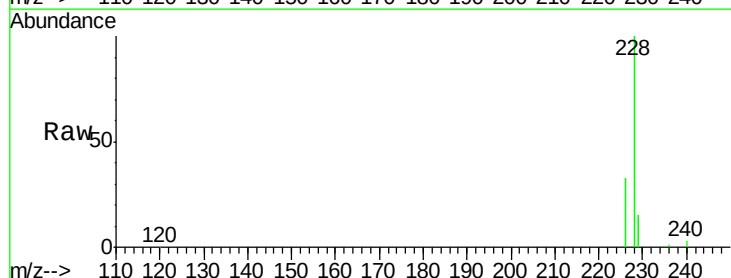
Tgt Ion:228 Resp: 199347

Ion Ratio Lower Upper

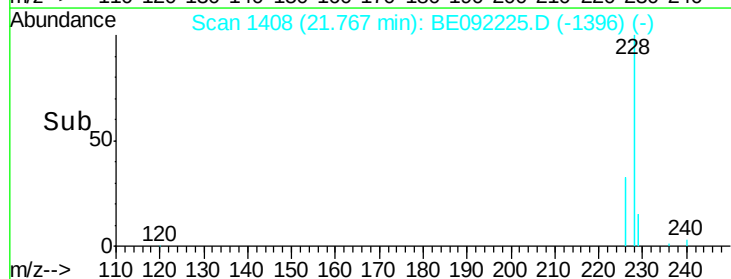
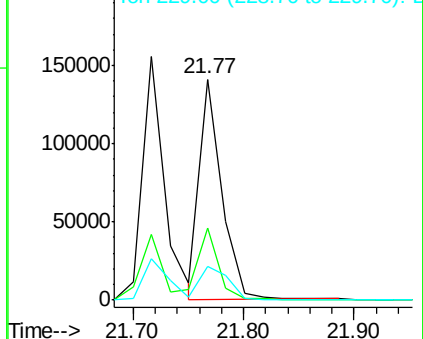
228 100

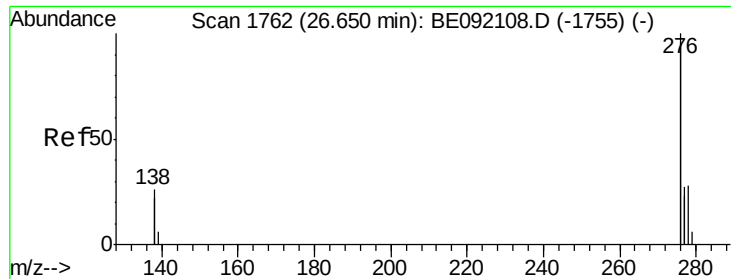
226 32.6 22.3 33.5

229 15.0 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

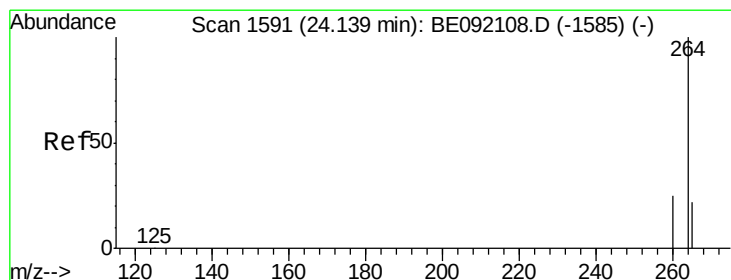
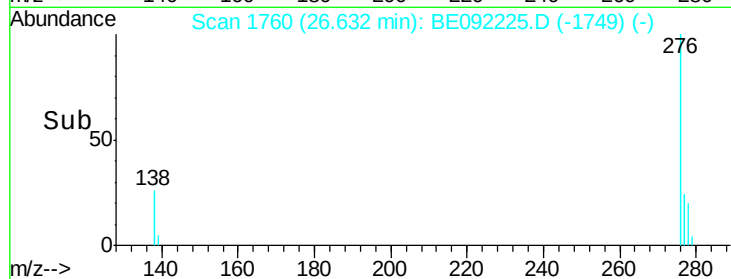
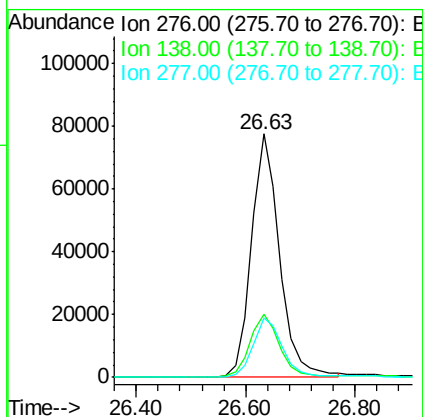
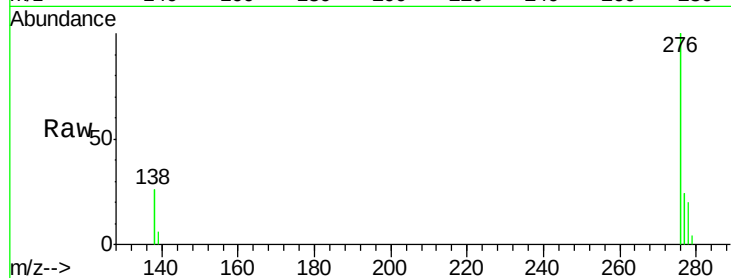




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 3.53 ng
 RT: 26.63 min Scan# 1760
 Delta R.T. -0.02 min
 Lab File: BE092225.D
 Acq: 8 Aug 2016 20:49

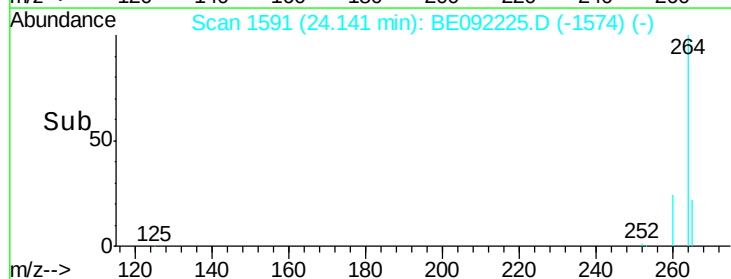
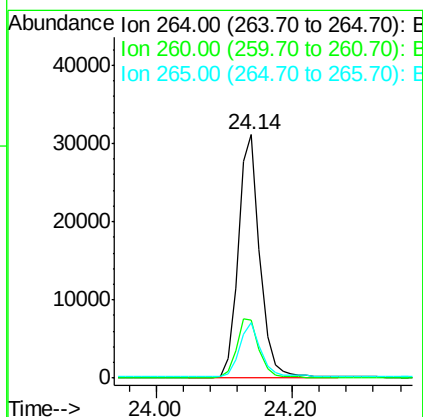
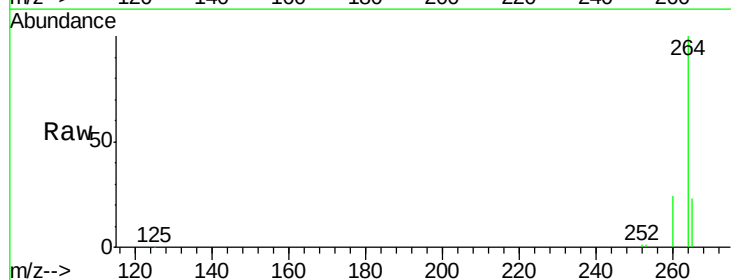
Instrument :
 BNA_E
 ClientSampleId :
 PB92747BS

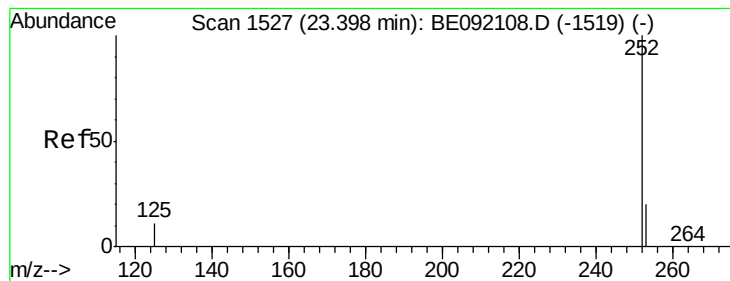
Tgt Ion: 276 Resp: 273456
 Ion Ratio Lower Upper
 276 100
 138 26.6 21.2 31.8
 277 24.8 19.8 29.8



#28
 Perylene-d12
 Concen: 5.00 ng
 RT: 24.14 min Scan# 1591
 Delta R.T. 0.00 min
 Lab File: BE092225.D
 Acq: 8 Aug 2016 20:49

Tgt Ion: 264 Resp: 68703
 Ion Ratio Lower Upper
 264 100
 260 23.9 20.8 31.2
 265 22.8 16.6 25.0





#29

Benzo(b)fluoranthene

Concen: 3.04 ng

RT: 23.40 min Scan# 1527

Delta R.T. 0.00 min

Lab File: BE092225.D

Acq: 8 Aug 2016 20:49

Instrument :

BNA_E

ClientSampleId :

PB92747BS

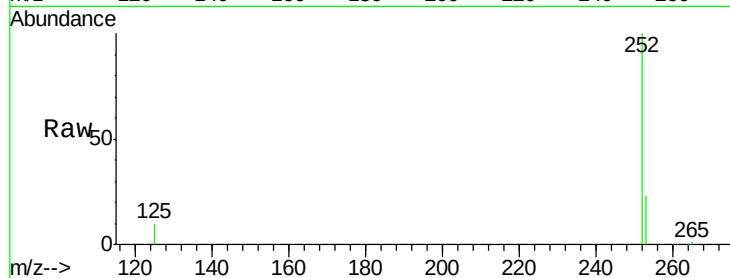
Tgt Ion:252 Resp: 57059

Ion Ratio Lower Upper

252 100

253 22.8 17.4 26.0

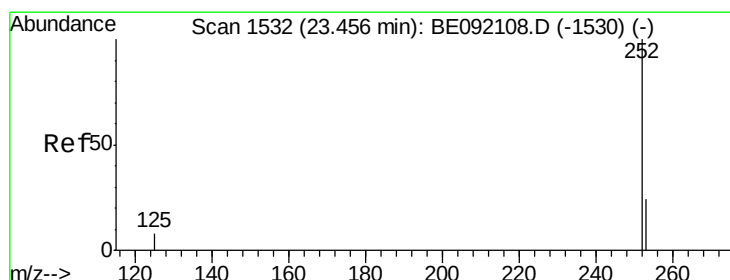
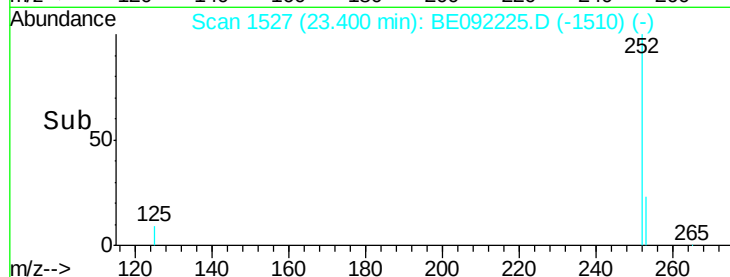
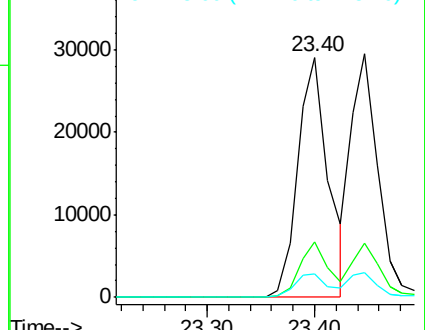
125 9.8 10.2 15.2#



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: 2.91 ng

RT: 23.45 min Scan# 1531

Delta R.T. -0.01 min

Lab File: BE092225.D

Acq: 8 Aug 2016 20:49

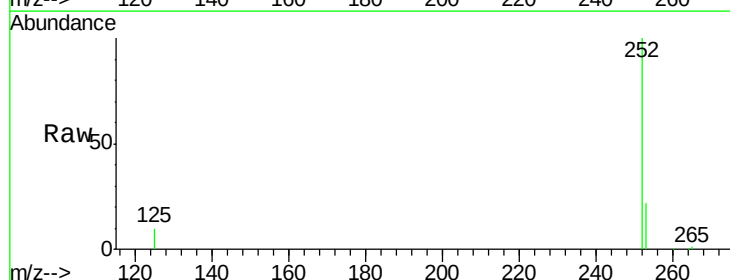
Tgt Ion:252 Resp: 52428

Ion Ratio Lower Upper

252 100

253 22.4 19.4 29.0

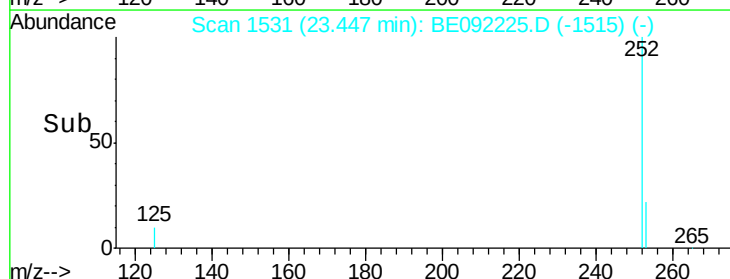
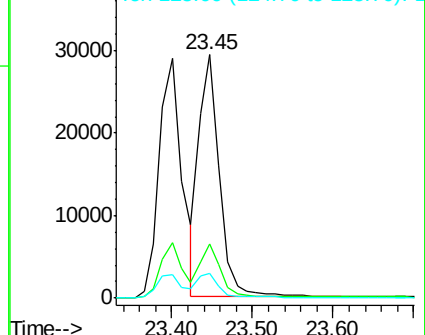
125 10.0 8.9 13.3

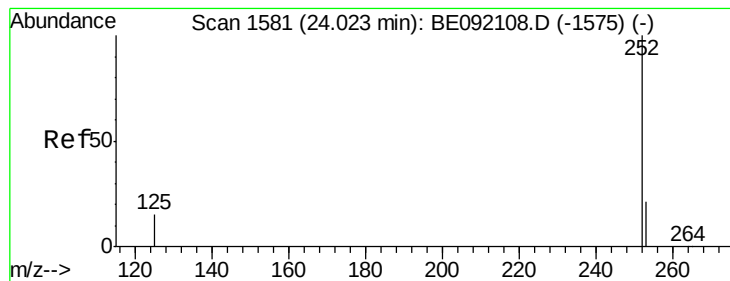


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#31

Benzo(a)pyrene

Concen: 3.11 ng

RT: 24.02 min Scan# 1581

Delta R.T. 0.00 min

Lab File: BE092225.D

Acq: 8 Aug 2016 20:49

Instrument :

BNA_E

ClientSampleId :

PB92747BS

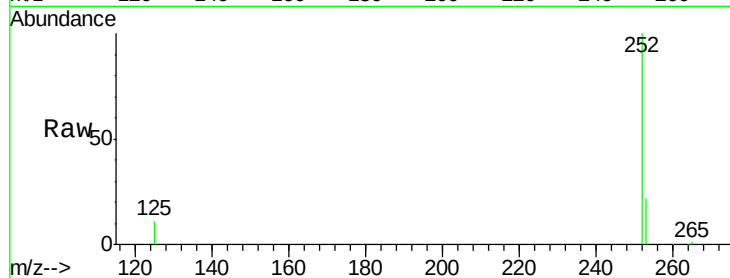
Tgt Ion:252 Resp: 53664

Ion Ratio Lower Upper

252 100

253 22.4 19.8 29.8

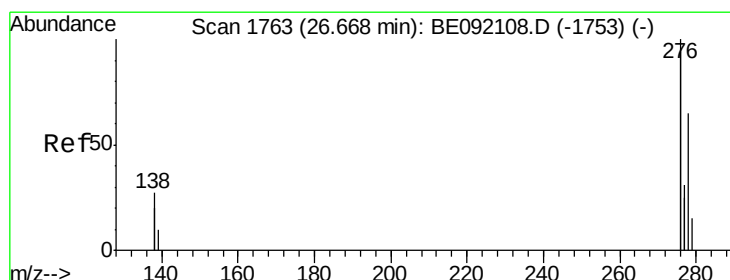
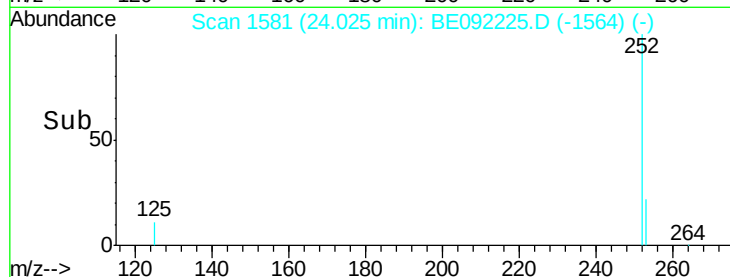
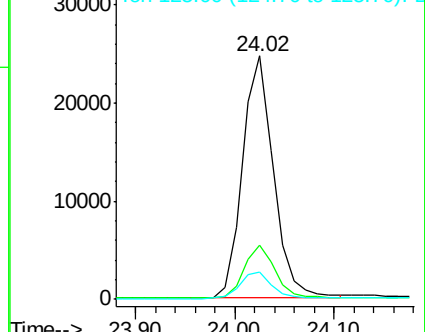
125 11.2 10.4 15.6



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: 3.47 ng

RT: 26.67 min Scan# 1762

Delta R.T. -0.00 min

Lab File: BE092225.D

Acq: 8 Aug 2016 20:49

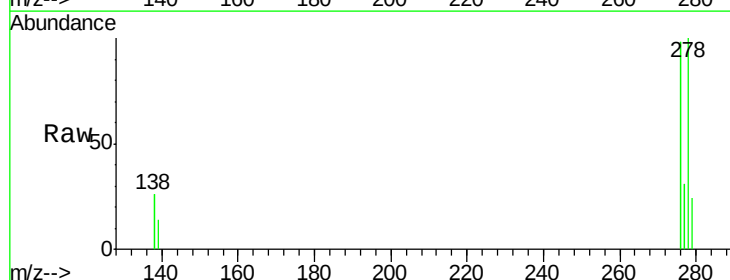
Tgt Ion:278 Resp: 57121

Ion Ratio Lower Upper

278 100

139 13.6 16.7 25.1#

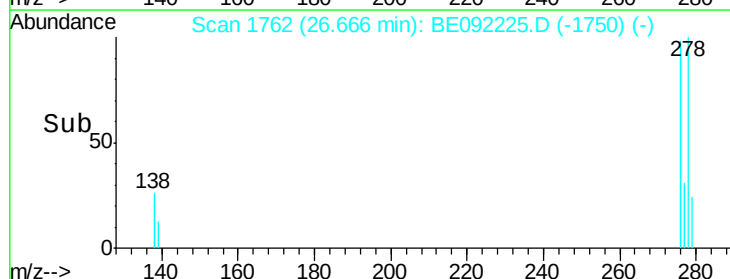
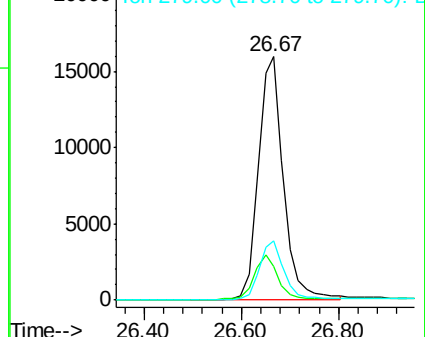
279 24.3 20.3 30.5

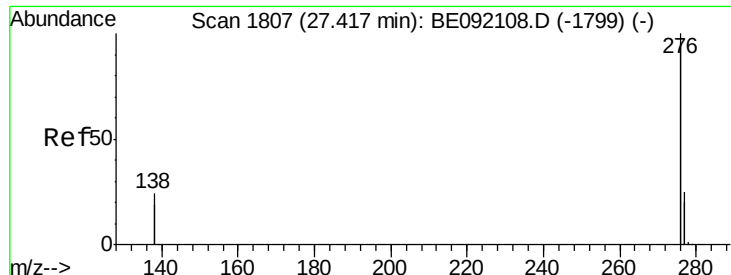


Abundance Ion 278.00 (277.70 to 278.70): E

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: 3.36 ng

RT: 27.42 min Scan# 1806

Delta R.T. -0.00 min

Lab File: BE092225.D

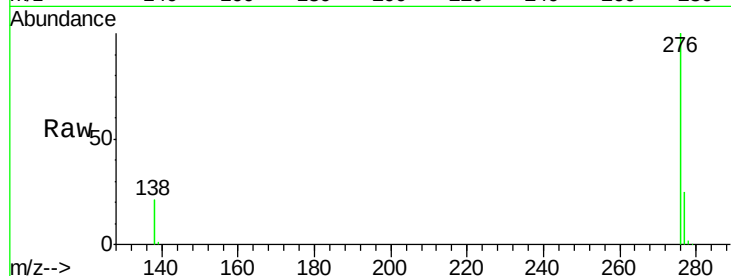
Acq: 8 Aug 2016 20:49

Instrument :

BNA_E

ClientSampleId :

PB92747BS



Tgt Ion: 276 Resp: 236458

Ion Ratio Lower Upper

276 100

277 25.0 19.5 29.3

138 20.7 20.8 31.2

