

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE111816\
 Data File : BE092568.D
 Acq On : 18 Nov 2016 16:21
 Operator : UM/SJ
 Sample : PB94794BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB94794BS

Quant Time: Nov 18 23:23:22 2016
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE111616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 16 15:43:18 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	9272	5.00	ng	-0.02
7) Naphthalene-d8	10.93	136	41890	5.00	ng	0.00
12) Acenaphthene-d10	14.80	164	26583	5.00	ng	0.00
18) Phenanthrene-d10	17.56	188	48348	5.00	ng	0.00
24) Chrysene-d12	21.72	240	64205	5.00	ng	0.00
31) Perylene-d12	24.08	264	56655	5.00	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.65	112	17124	10.93	ng	-0.02
5) Phenol-d6	7.31	99	25151	9.60	ng	-0.05
8) Nitrobenzene-d5	9.32	82	11462	4.23	ng	-0.05
13) 2,4,6-Tribromophenol	16.28	330	5805	9.73	ng	-0.02
14) 2-Fluorobiphenyl	13.41	172	26624	4.11	ng	-0.02
26) Terphenyl-d14	20.16	244	31395	4.28	ng	-0.02

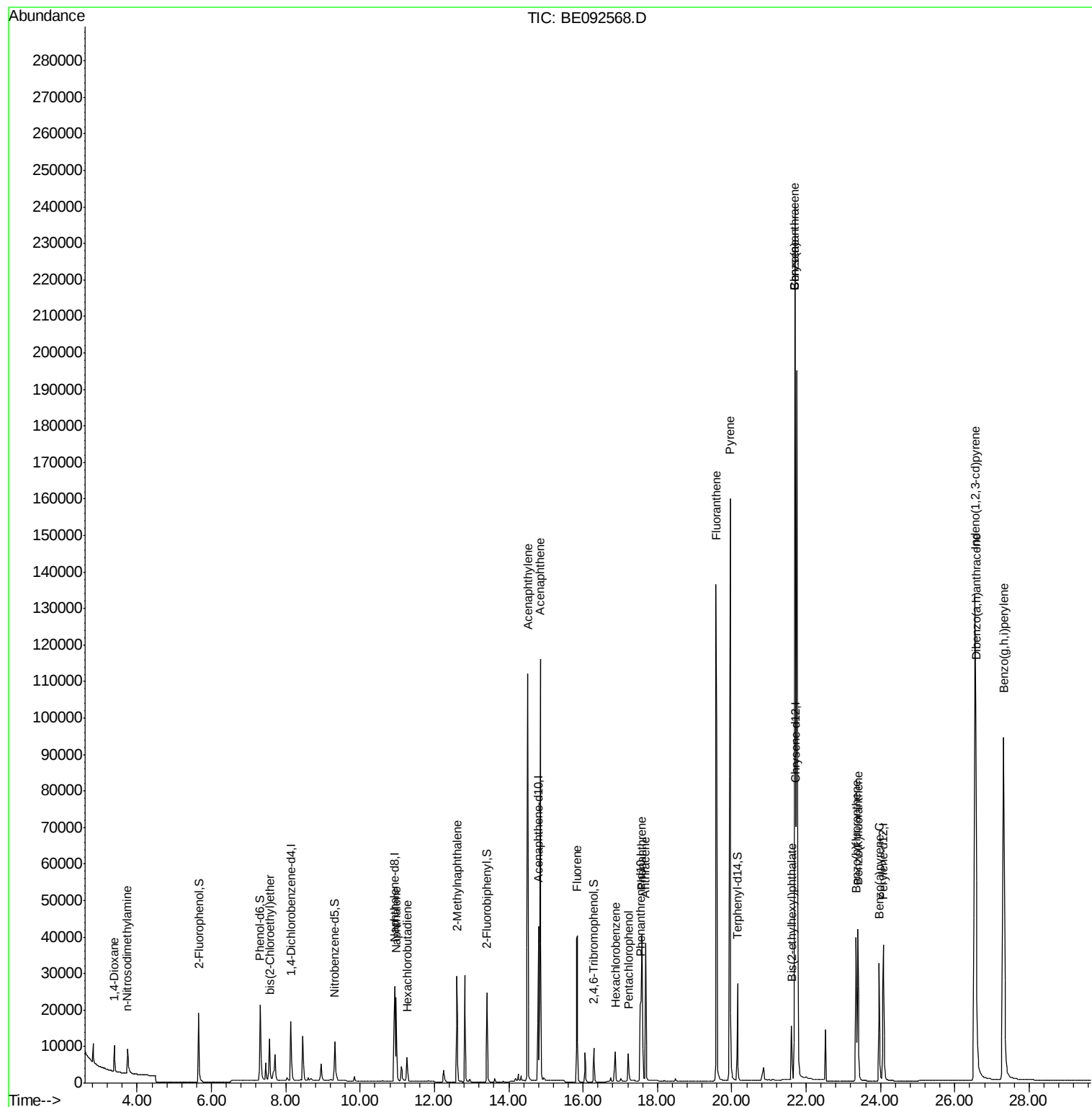
Target Compounds						Qvalue
2) 1,4-Dioxane	3.39	88	4045	3.69	ng	# 51
3) n-Nitrosodimethylamine	3.73	42	6348	4.12	ng	# 94
6) bis(2-Chloroethyl)ether	7.57	93	10998	3.90	ng	# 88
9) Naphthalene	10.97	128	33563	3.88	ng	# 95
10) Hexachlorobutadiene	11.26	225	5004	3.81	ng	100
11) 2-Methylnaphthalene	12.60	142	22494	4.08	ng	96
15) Acenaphthylene	14.51	152	149765	4.05	ng	100
16) Acenaphthene	14.85	154	22344	3.70	ng	92
17) Fluorene	15.84	166	29514	3.94	ng	99
19) Hexachlorobenzene	16.87	284	8716	4.57	ng	# 64
20) Pentachlorophenol	17.21	266	6586	7.35	ng	# 85
21) Phenanthrene	17.58	178	50015	4.62	ng	# 94
22) Anthracene	17.67	178	51349	5.04	ng	99
23) Fluoranthene	19.58	202	209491	4.15	ng	100
25) Pyrene	19.95	202	218371	4.28	ng	99
27) Benzo(a)anthracene	21.70	228	467672	7.63	ng	# 90
28) Chrysene	21.70	228	468997	8.59	ng	# 70
29) Bis(2-ethylhexyl)phthalate	21.61	149	20522	4.93	ng	# 76
30) Indeno(1,2,3-cd)pyrene	26.55	276	283147	4.75	ng	97
32) Benzo(b)fluoranthene	23.35	252	56508	4.11	ng	# 97
33) Benzo(k)fluoranthene	23.39	252	55861	3.88	ng	94
34) Benzo(a)pyrene	23.96	252	55358	4.35	ng	94
35) Dibenzo(a,h)anthracene	26.56	278	59050	4.69	ng	96
36) Benzo(g,h,i)perylene	27.31	276	245419	4.61	ng	97

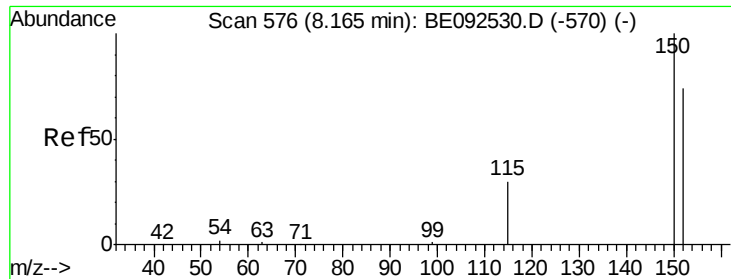
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE111816\
Data File : BE092568.D
Acq On : 18 Nov 2016 16:21
Operator : UM/SJ
Sample : PB94794BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB94794BS

Quant Time: Nov 18 23:23:22 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE111616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 16 15:43:18 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.14 min Scan# 575

Delta R.T. -0.02 min

Lab File: BE092568.D

Acq: 18 Nov 2016 16:21

Instrument :

BNA_E

ClientSampleId :

PB94794BS

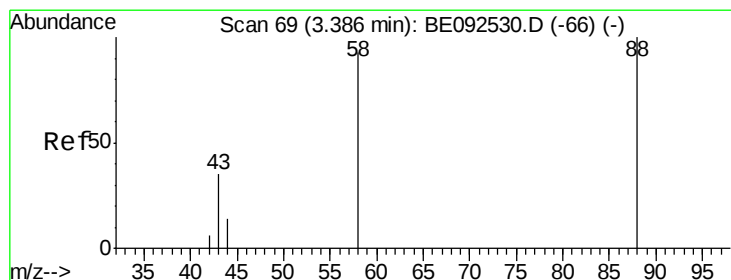
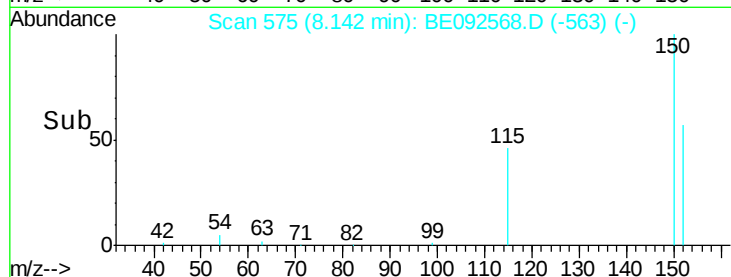
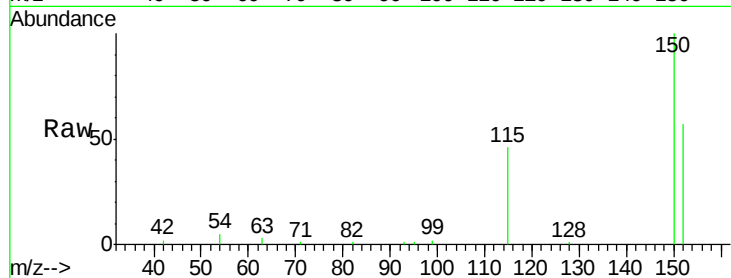
Tgt Ion:152 Resp: 9272

Ion Ratio Lower Upper

152 100

150 175.6 106.0 159.0#

115 81.3 31.2 46.8#



#2

1,4-Dioxane

Concen: 3.69 ng

RT: 3.39 min Scan# 69

Delta R.T. -0.00 min

Lab File: BE092568.D

Acq: 18 Nov 2016 16:21

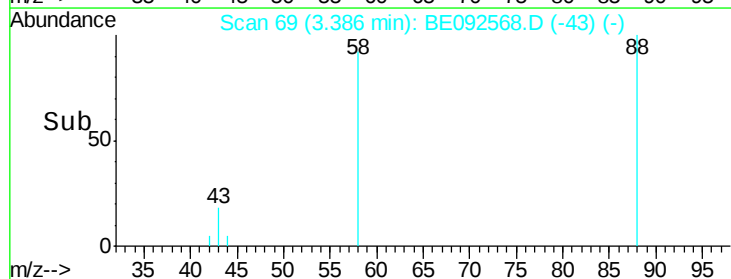
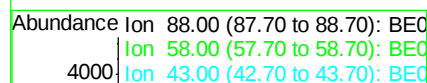
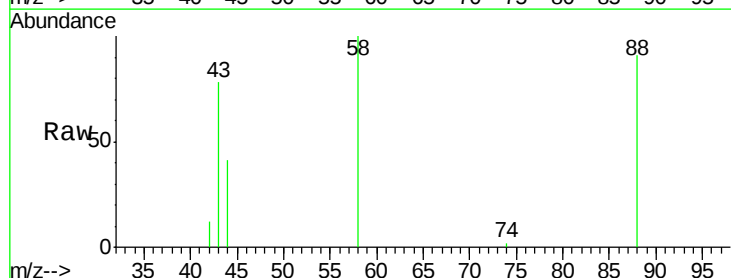
Tgt Ion: 88 Resp: 4045

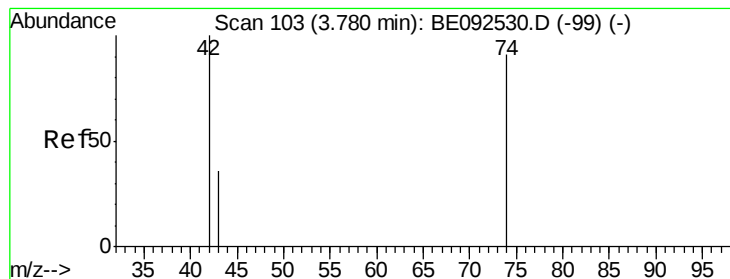
Ion Ratio Lower Upper

88 100

58 101.6 63.6 95.4#

43 94.6 28.0 42.0#





#3

n-Nitrosodimethylamine

Concen: 4.12 ng

RT: 3.73 min Scan# 99

Delta R.T. -0.05 min

Lab File: BE092568.D

Acq: 18 Nov 2016 16:21

Instrument :

BNA_E

ClientSampleId :

PB94794BS

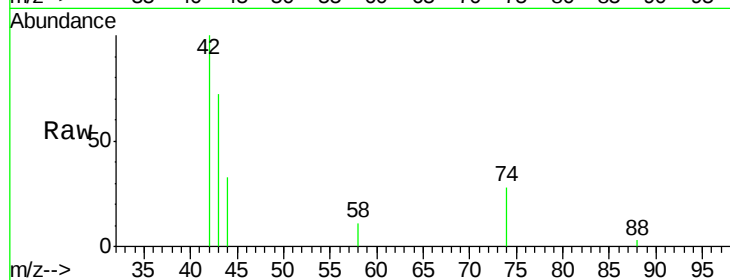
Tgt Ion: 42 Resp: 6348

Ion Ratio Lower Upper

42 100

74 102.8 86.0 129.0

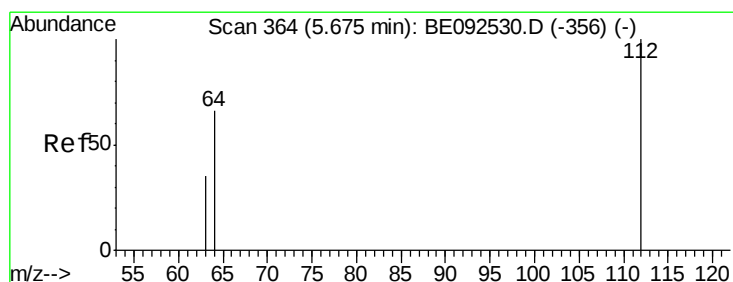
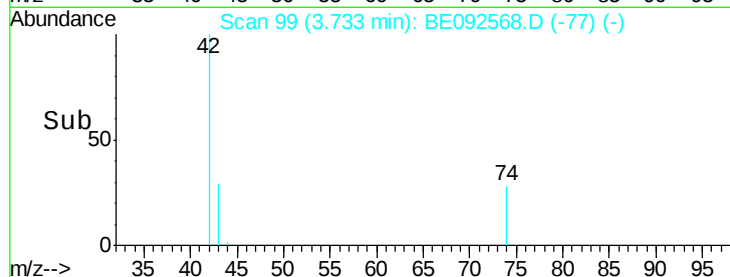
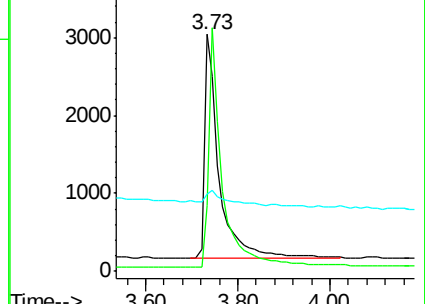
44 14.1 5.1 7.7#



Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0



#4

2-Fluorophenol

Concen: 10.93 ng

RT: 5.65 min Scan# 360

Delta R.T. -0.02 min

Lab File: BE092568.D

Acq: 18 Nov 2016 16:21

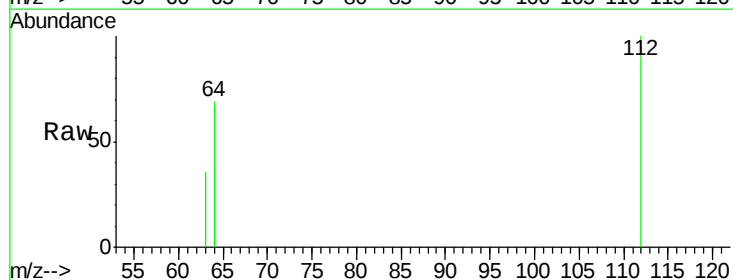
Tgt Ion: 112 Resp: 17124

Ion Ratio Lower Upper

112 100

64 68.1 53.5 80.3

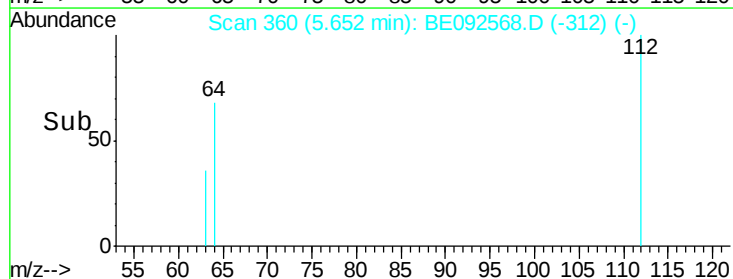
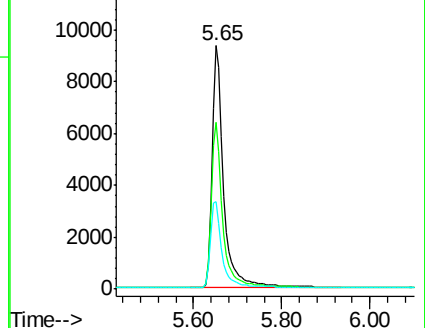
63 36.2 27.9 41.9



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 9.60 ng

RT: 7.31 min Scan# 539

Delta R.T. -0.05 min

Lab File: BE092568.D

Acq: 18 Nov 2016 16:21

Instrument :

BNA_E

ClientSampleId :

PB94794BS

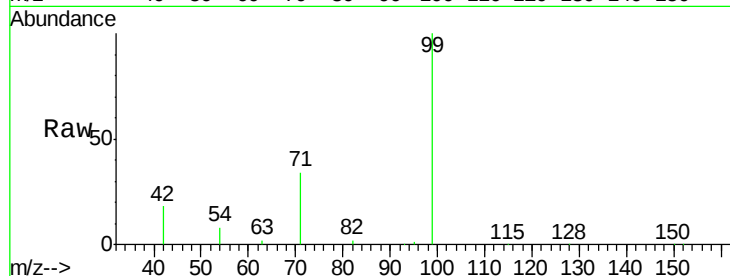
Tgt Ion: 99 Resp: 25151

Ion Ratio Lower Upper

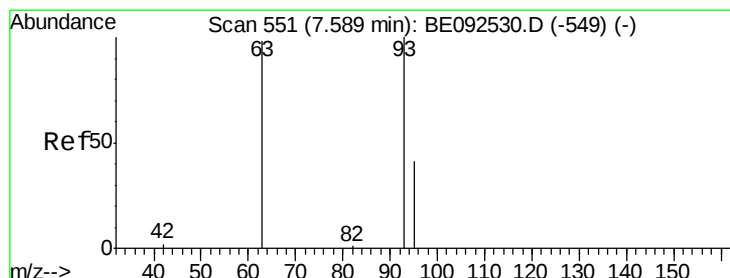
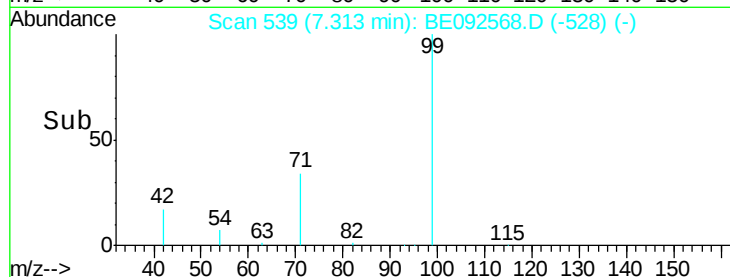
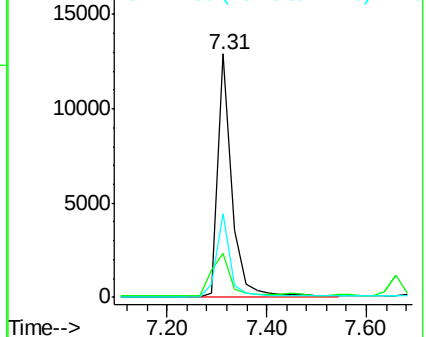
99 100

42 22.9 16.0 24.0

71 33.4 30.6 45.8



Abundance Ion 99.00 (98.70 to 99.70): BE0
Ion 42.00 (41.70 to 42.70): BE0
Ion 71.00 (70.70 to 71.70): BE0



#6

bis(2-Chloroethyl)ether

Concen: 3.90 ng

RT: 7.57 min Scan# 550

Delta R.T. -0.02 min

Lab File: BE092568.D

Acq: 18 Nov 2016 16:21

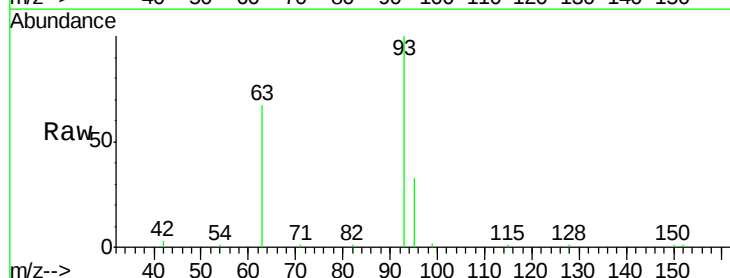
Tgt Ion: 93 Resp: 10998

Ion Ratio Lower Upper

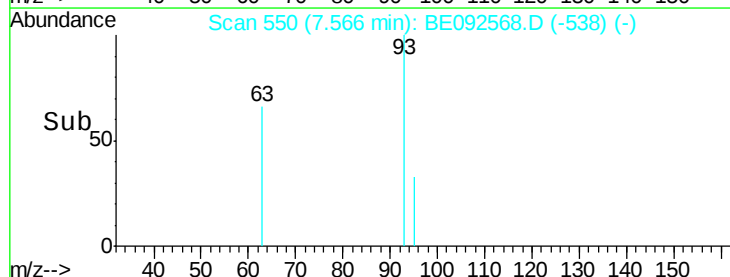
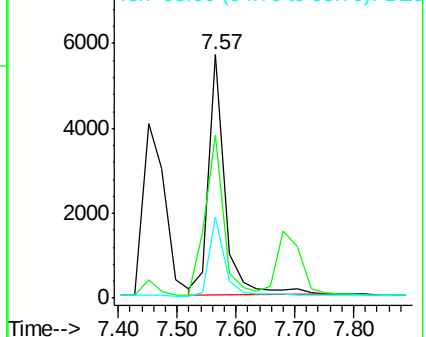
93 100

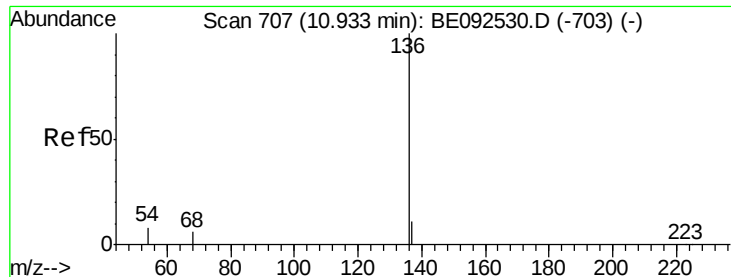
63 75.6 71.6 107.4

95 32.6 24.0 36.0



Abundance Ion 93.00 (92.70 to 93.70): BE0
Ion 63.00 (62.70 to 63.70): BE0
Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.93 min Scan# 707

Delta R.T. -0.00 min

Lab File: BE092568.D

Acq: 18 Nov 2016 16:21

Instrument :

BNA_E

ClientSampleId :

PB94794BS

Tgt Ion:136 Resp: 41890

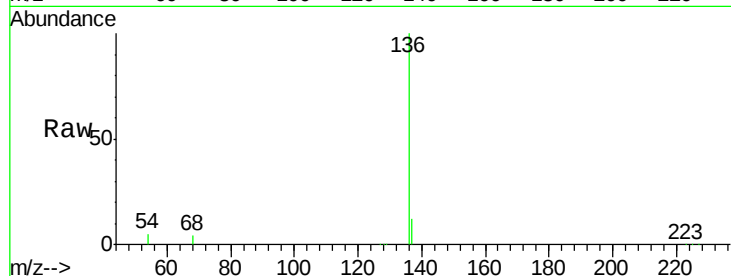
Ion Ratio Lower Upper

136 100

137 11.7 8.2 12.4

54 5.3 9.6 14.4#

68 4.2 6.7 10.1#

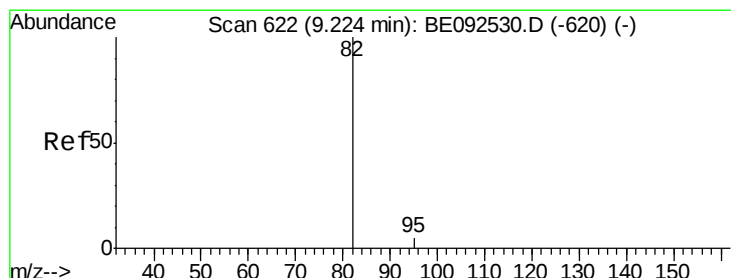
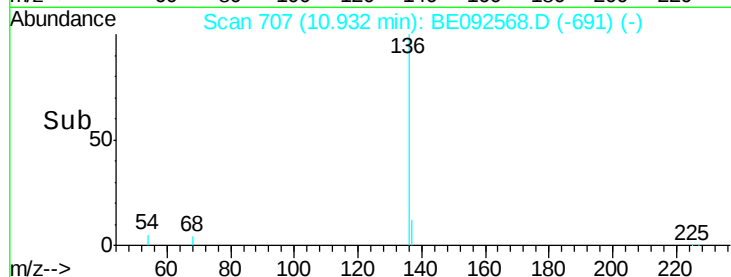
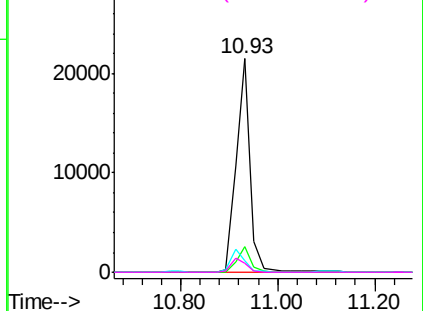


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 4.23 ng

RT: 9.32 min Scan# 626

Delta R.T. -0.05 min

Lab File: BE092568.D

Acq: 18 Nov 2016 16:21

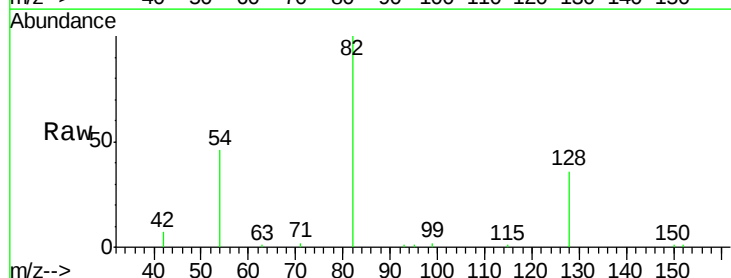
Tgt Ion: 82 Resp: 11462

Ion Ratio Lower Upper

82 100

128 36.3 39.0 58.4#

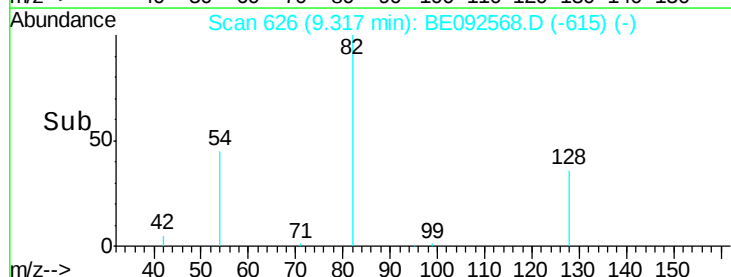
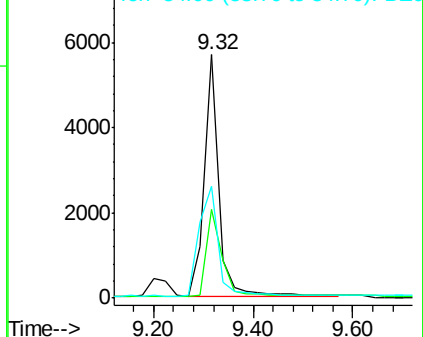
54 45.8 44.8 67.2

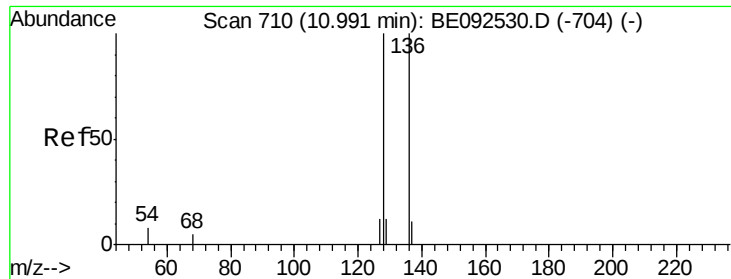


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 3.88 ng

RT: 10.97 min Scan# 709

Delta R.T. -0.02 min

Lab File: BE092568.D

Acq: 18 Nov 2016 16:21

Instrument :

BNA_E

ClientSampleId :

PB94794BS

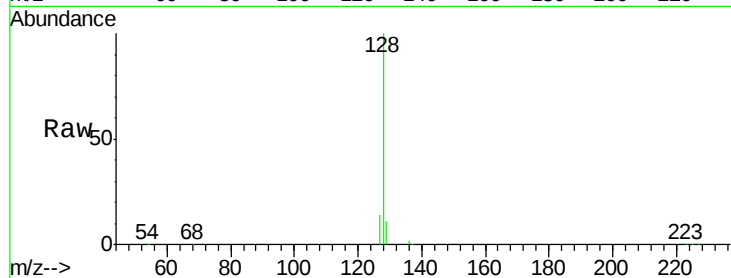
Tgt Ion:128 Resp: 33563

Ion Ratio Lower Upper

128 100

129 10.7 11.2 16.8#

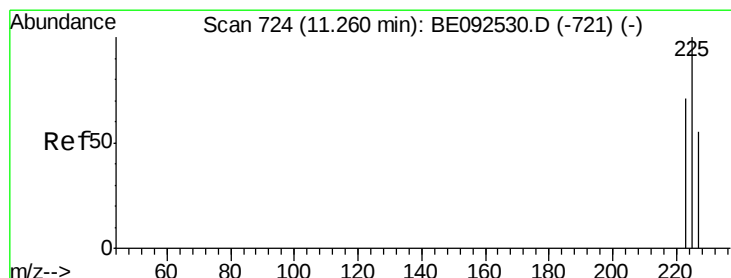
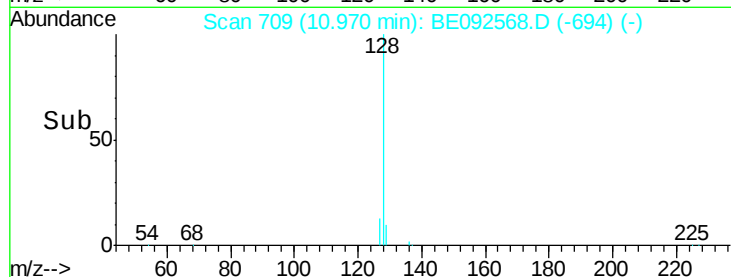
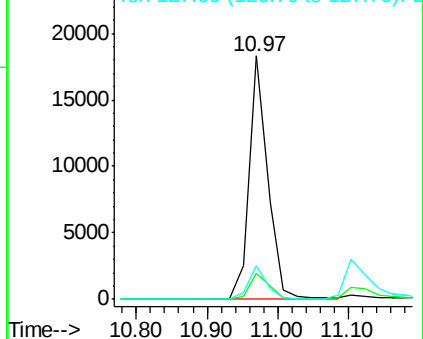
127 13.7 11.6 17.4



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



#10

Hexachlorobutadiene

Concen: 3.81 ng

RT: 11.26 min Scan# 724

Delta R.T. -0.00 min

Lab File: BE092568.D

Acq: 18 Nov 2016 16:21

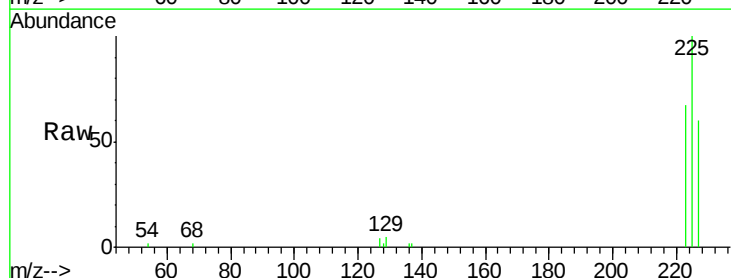
Tgt Ion:225 Resp: 5004

Ion Ratio Lower Upper

225 100

223 63.5 50.6 76.0

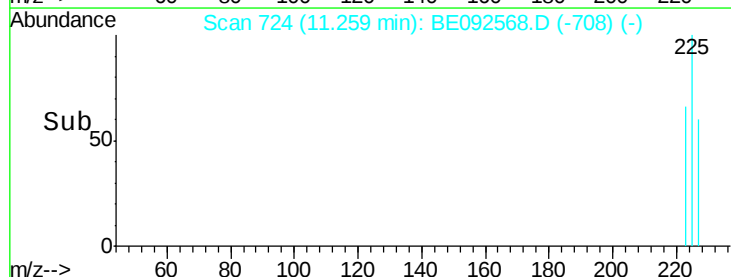
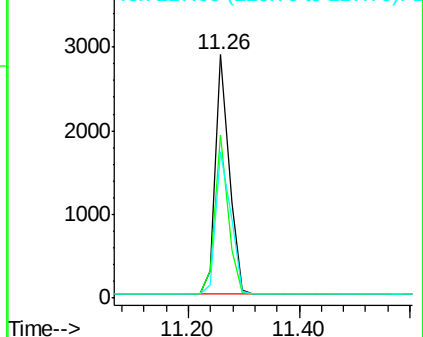
227 64.2 51.4 77.0



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene

Concen: 4.08 ng

RT: 12.60 min Scan# 812

Delta R.T. -0.04 min

Lab File: BE092568.D

Acq: 18 Nov 2016 16:21

Instrument :

BNA_E

ClientSampleId :

PB94794BS

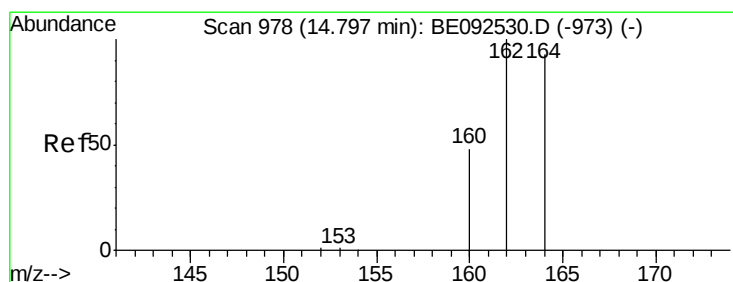
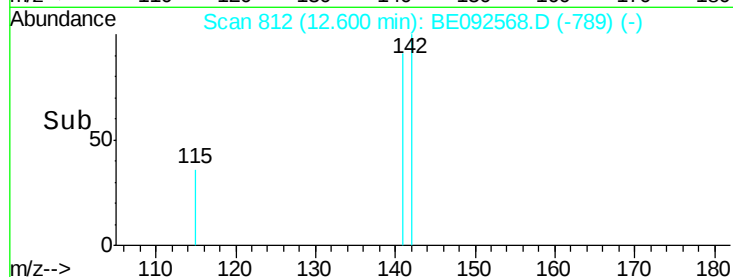
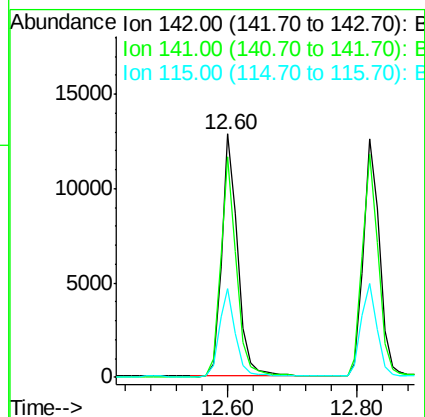
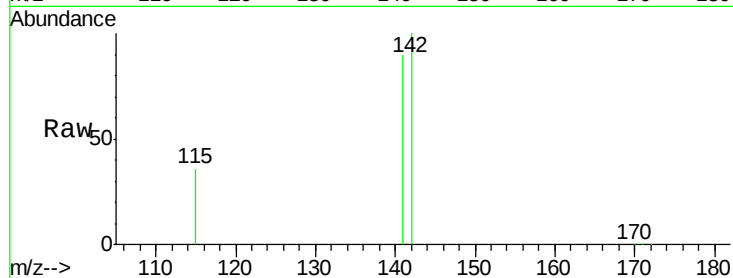
Tgt Ion:142 Resp: 22494

Ion Ratio Lower Upper

142 100

141 90.4 73.7 110.5

115 36.4 34.0 51.0



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.80 min Scan# 979

Delta R.T. 0.00 min

Lab File: BE092568.D

Acq: 18 Nov 2016 16:21

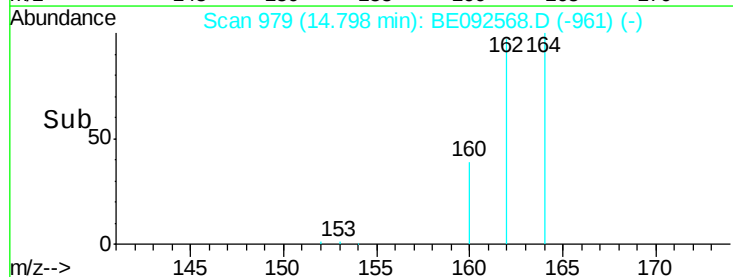
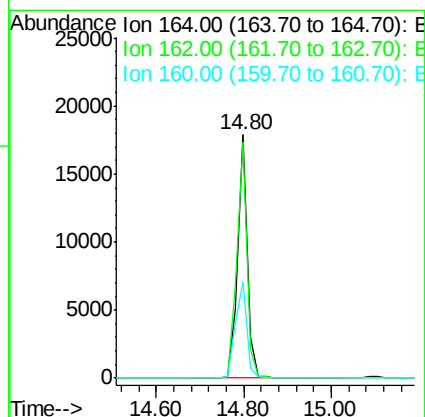
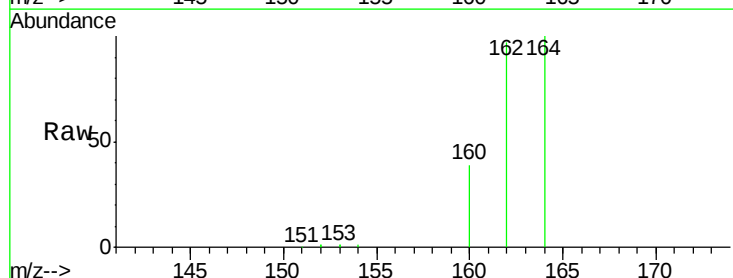
Tgt Ion:164 Resp: 26583

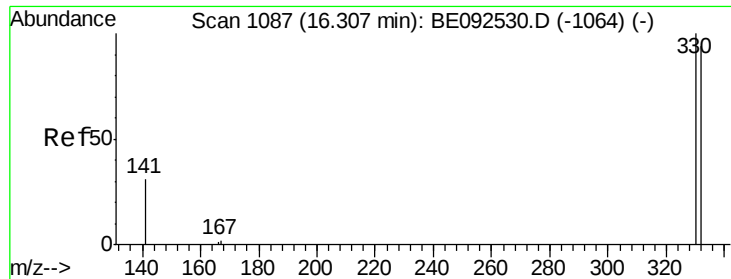
Ion Ratio Lower Upper

164 100

162 96.7 71.4 107.0

160 39.5 27.4 41.2

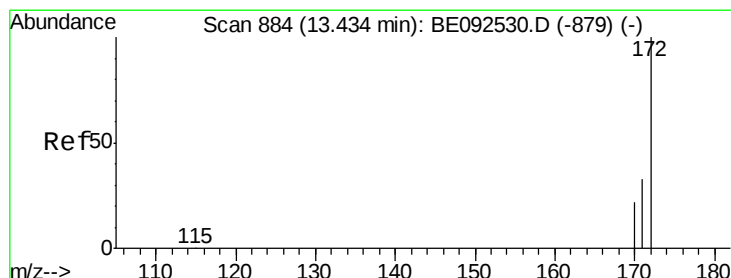
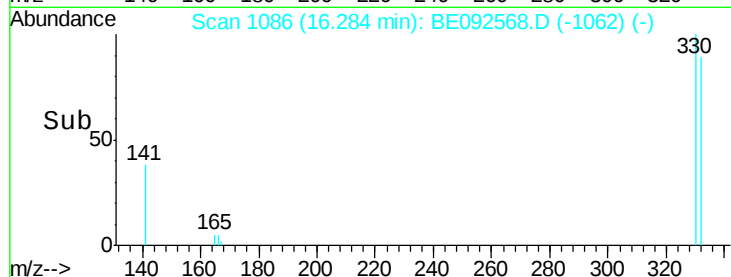
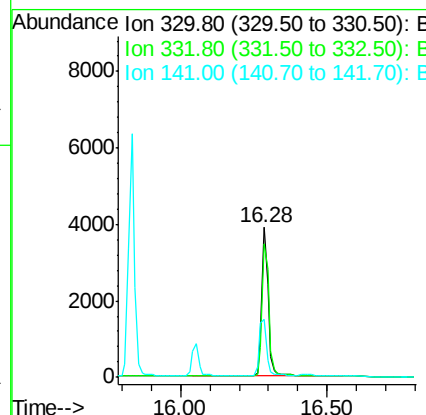
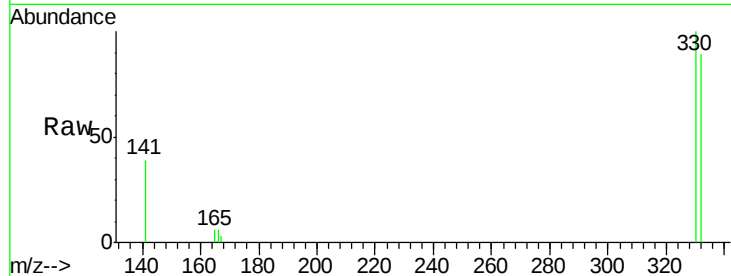




#13
 2,4,6-Tribromophenol
 Concen: 9.73 ng
 RT: 16.28 min Scan# 1086
 Delta R.T. -0.02 min
 Lab File: BE092568.D
 Acq: 18 Nov 2016 16:21

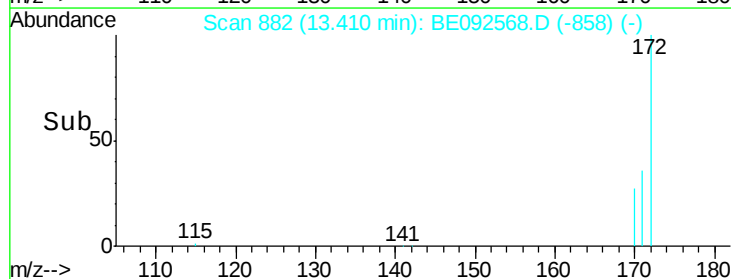
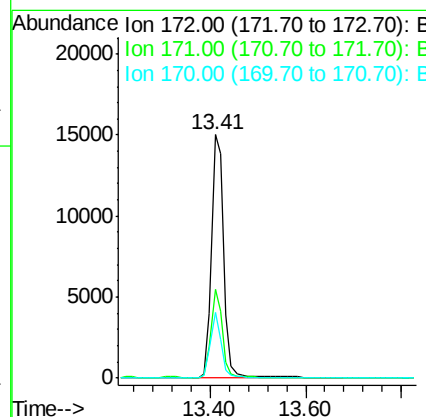
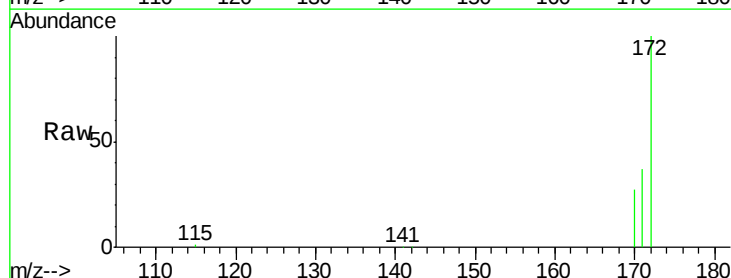
Instrument :
 BNA_E
 ClientSampleId :
 PB94794BS

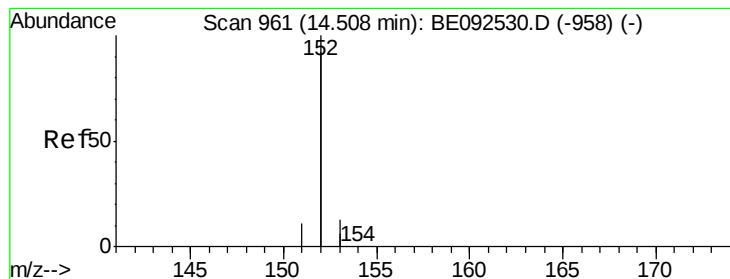
Tgt Ion:330 Resp: 5805
 Ion Ratio Lower Upper
 330 100
 332 96.9 75.4 113.0
 141 44.0 31.0 46.6



#14
 2-Fluorobiphenyl
 Concen: 4.11 ng
 RT: 13.41 min Scan# 882
 Delta R.T. -0.02 min
 Lab File: BE092568.D
 Acq: 18 Nov 2016 16:21

Tgt Ion:172 Resp: 26624
 Ion Ratio Lower Upper
 172 100
 171 36.6 30.1 45.1
 170 26.7 21.8 32.6





#15

Acenaphthylene

Concen: 4.05 ng

RT: 14.51 min Scan# 962

Delta R.T. 0.00 min

Lab File: BE092568.D

Acq: 18 Nov 2016 16:21

Instrument :

BNA_E

ClientSampleId :

PB94794BS

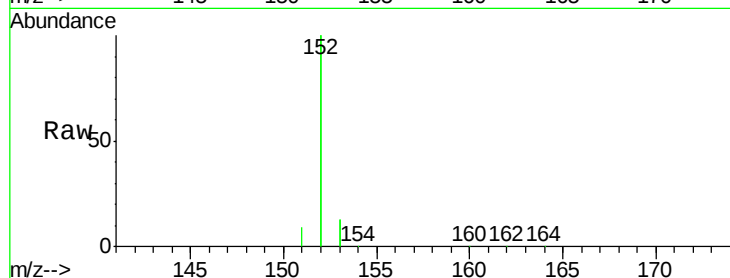
Tgt Ion:152 Resp: 149765

Ion Ratio Lower Upper

152 100

151 4.9 3.9 5.9

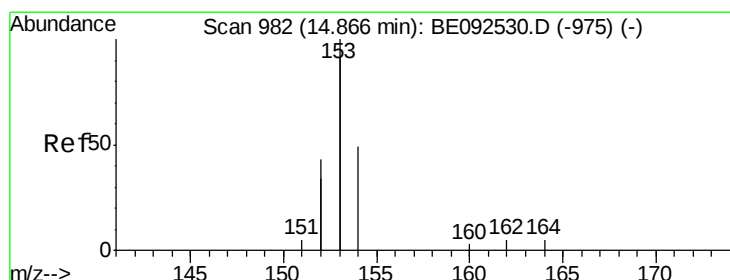
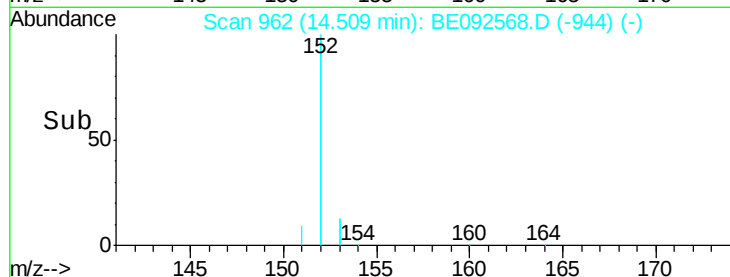
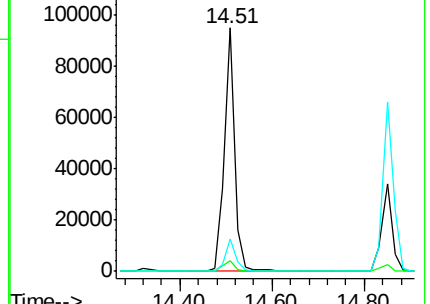
153 12.9 10.4 15.6



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



#16

Acenaphthene

Concen: 3.70 ng

RT: 14.85 min Scan# 982

Delta R.T. -0.02 min

Lab File: BE092568.D

Acq: 18 Nov 2016 16:21

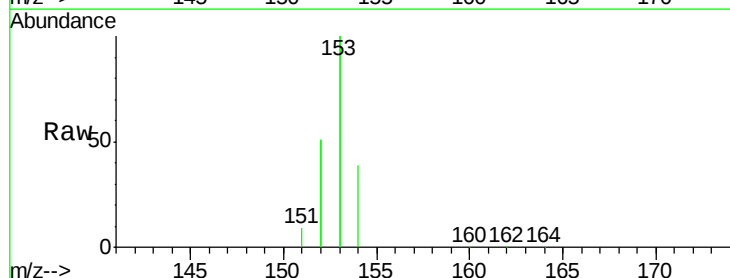
Tgt Ion:154 Resp: 22344

Ion Ratio Lower Upper

154 100

153 455.5 350.8 526.2

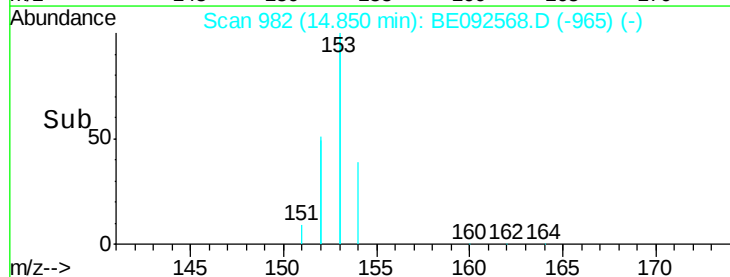
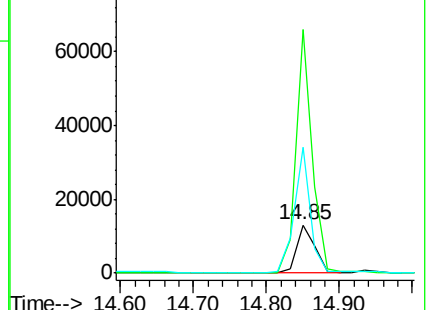
152 230.6 171.1 256.7

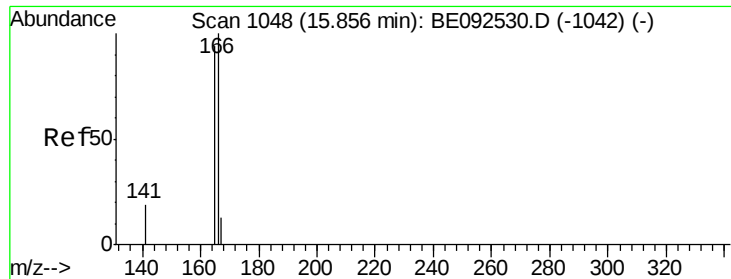


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

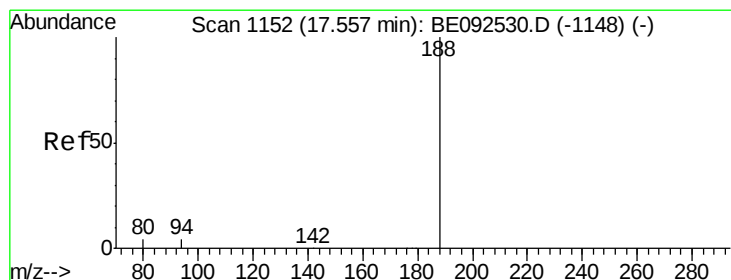
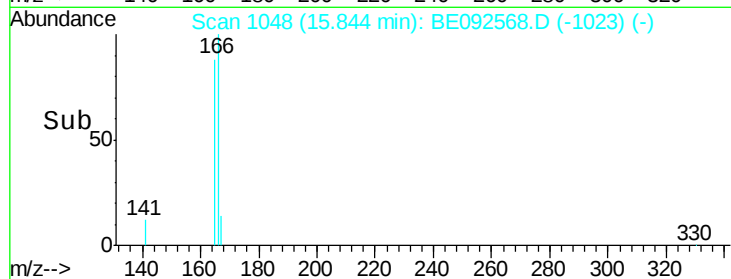
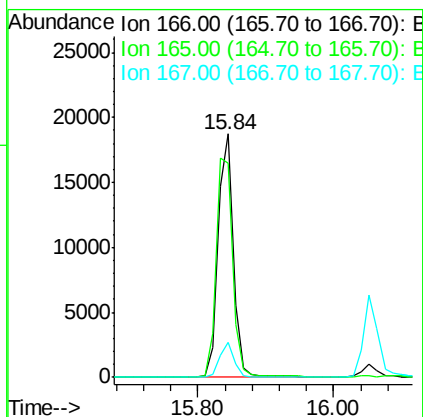
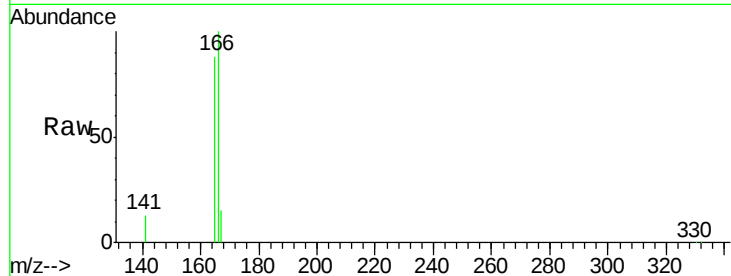




#17
Fluorene
 Concen: 3.94 ng
 RT: 15.84 min Scan# 1048
 Delta R.T. -0.01 min
 Lab File: BE092568.D
 Acq: 18 Nov 2016 16:21

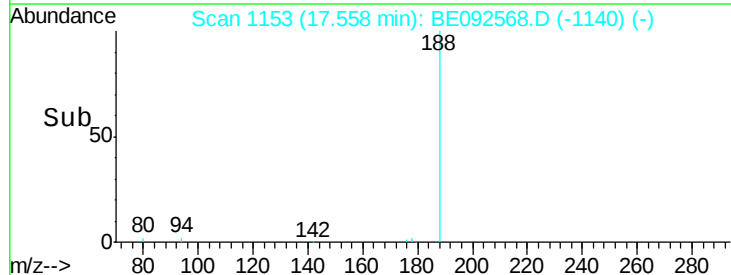
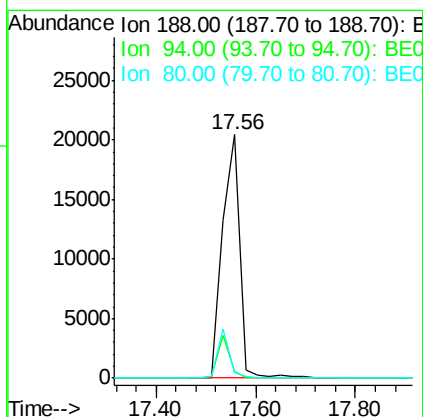
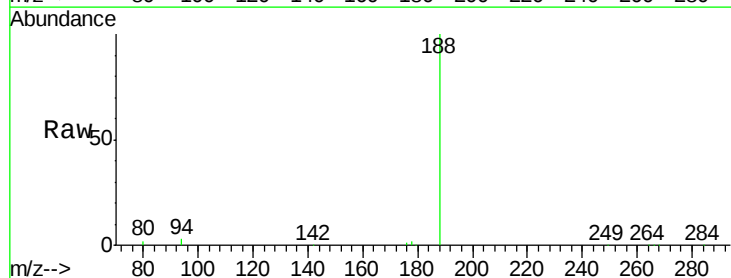
Instrument :
 BNA_E
 ClientSampleId :
 PB94794BS

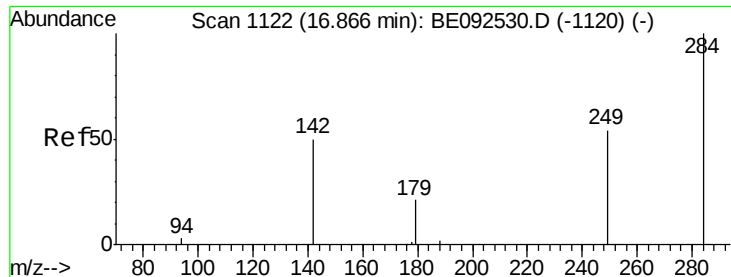
Tgt Ion:166 Resp: 29514
 Ion Ratio Lower Upper
 166 100
 165 98.8 78.2 117.4
 167 13.4 11.0 16.4



#18
Phenanthrene-d10
 Concen: 5.00 ng
 RT: 17.56 min Scan# 1153
 Delta R.T. 0.00 min
 Lab File: BE092568.D
 Acq: 18 Nov 2016 16:21

Tgt Ion:188 Resp: 48348
 Ion Ratio Lower Upper
 188 100
 94 2.7 3.2 4.8#
 80 2.2 2.6 3.8#

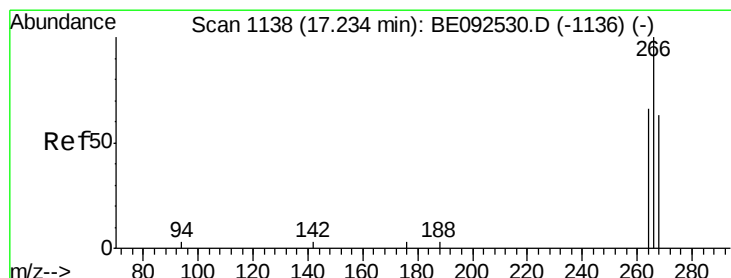
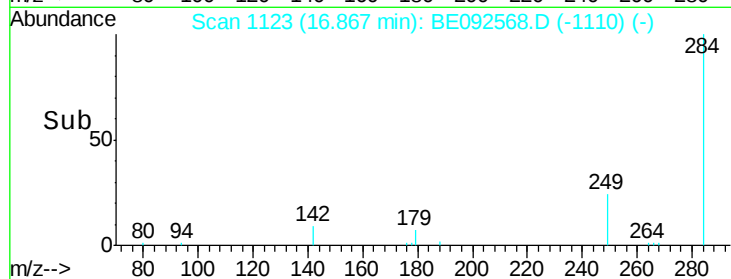
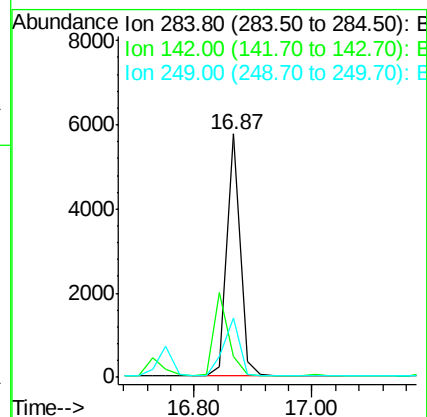
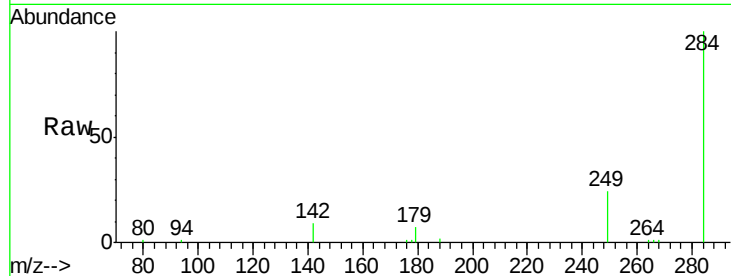




#19
Hexachlorobenzene
Concen: 4.57 ng
RT: 16.87 min Scan# 1123
Delta R.T. 0.00 min
Lab File: BE092568.D
Acq: 18 Nov 2016 16:21

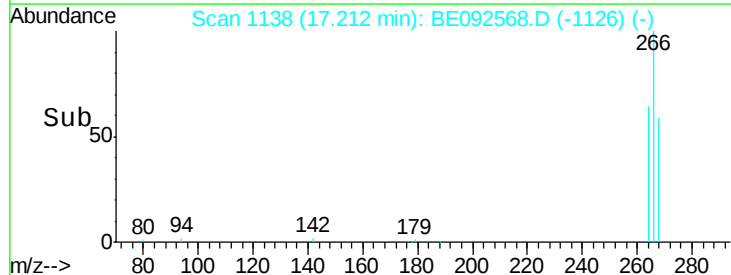
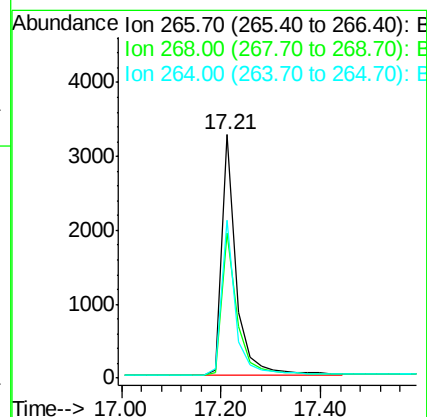
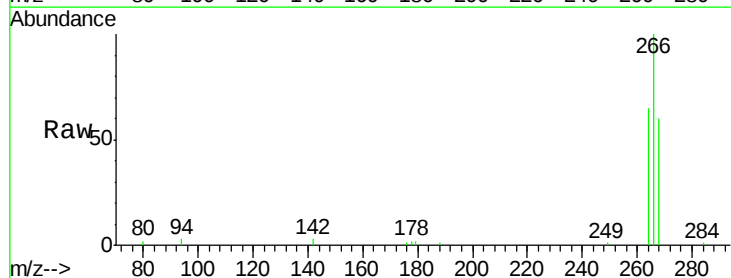
Instrument :
BNA_E
ClientSampleId :
PB94794BS

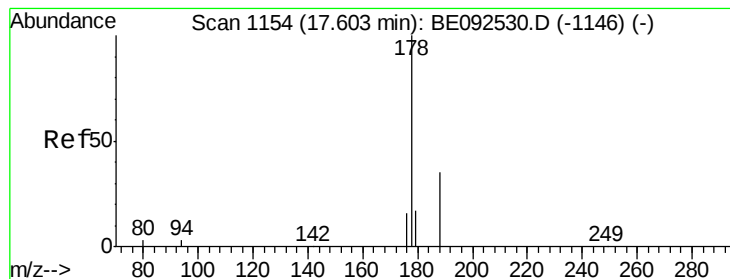
Tgt Ion: 284 Resp: 8716
Ion Ratio Lower Upper
284 100
142 0.0 29.1 43.7#
249 30.0 27.9 41.9



#20
Pentachlorophenol
Concen: 7.35 ng
RT: 17.21 min Scan# 1138
Delta R.T. -0.02 min
Lab File: BE092568.D
Acq: 18 Nov 2016 16:21

Tgt Ion: 266 Resp: 6586
Ion Ratio Lower Upper
266 100
268 59.7 62.5 93.7#
264 64.9 57.2 85.8





#21

Phenanthrene

Concen: 4.62 ng

RT: 17.58 min Scan# 1154

Delta R.T. -0.02 min

Lab File: BE092568.D

Acq: 18 Nov 2016 16:21

Instrument :

BNA_E

ClientSampleId :

PB94794BS

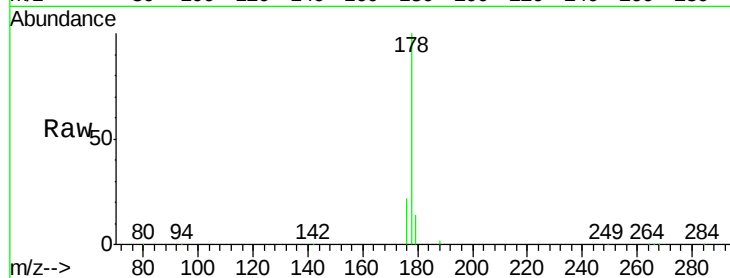
Tgt Ion:178 Resp: 50015

Ion Ratio Lower Upper

178 100

176 20.2 15.8 23.8

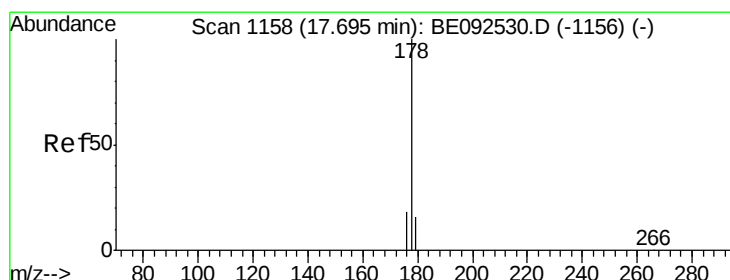
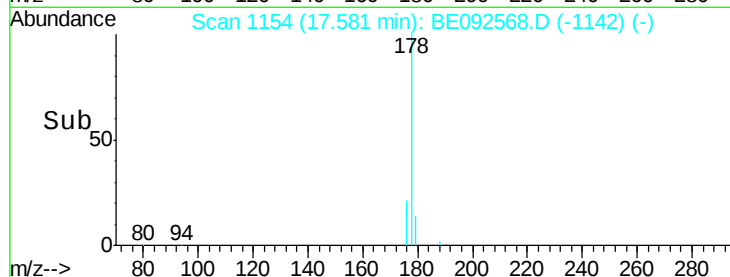
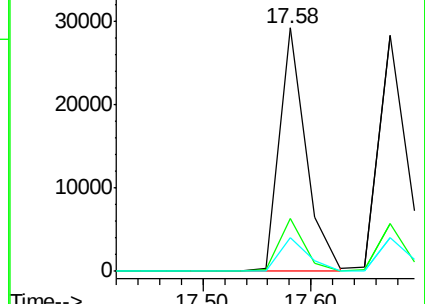
179 14.9 16.0 24.0#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#22

Anthracene

Concen: 5.04 ng

RT: 17.67 min Scan# 1158

Delta R.T. -0.02 min

Lab File: BE092568.D

Acq: 18 Nov 2016 16:21

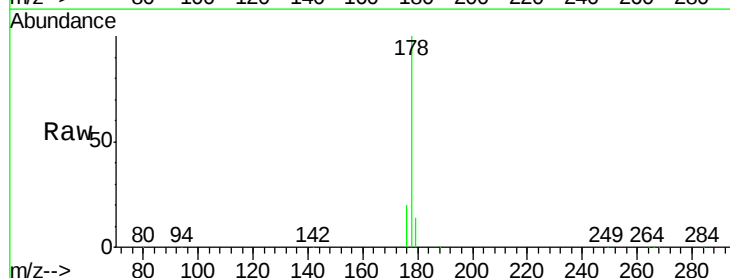
Tgt Ion:178 Resp: 51349

Ion Ratio Lower Upper

178 100

176 19.1 15.0 22.4

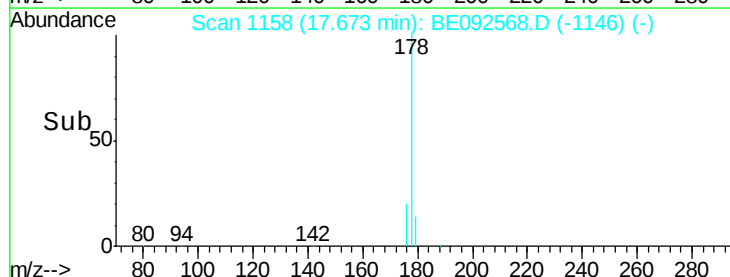
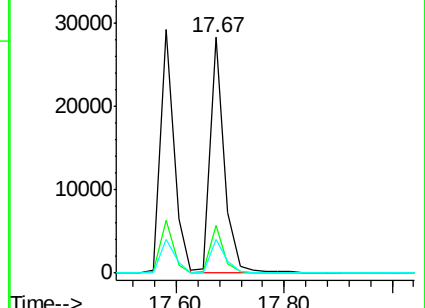
179 14.8 12.2 18.2

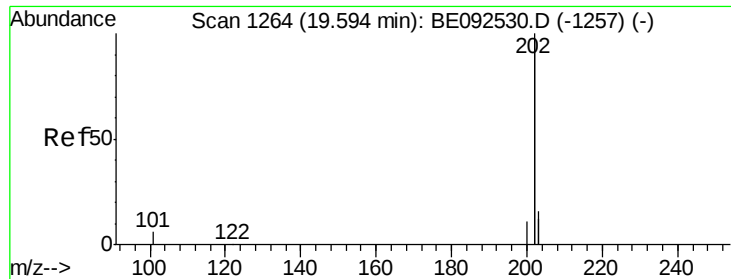


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

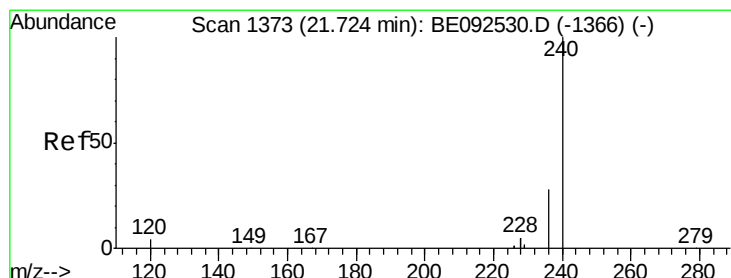
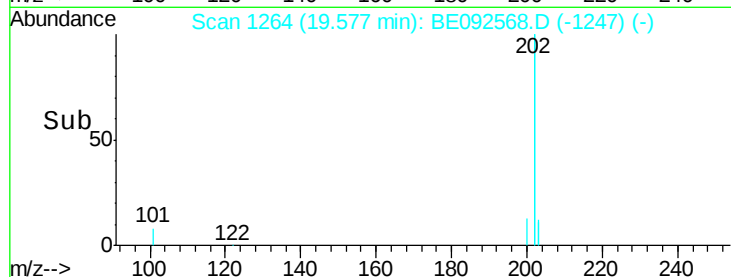
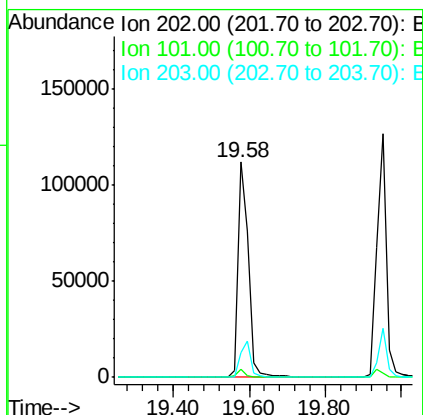
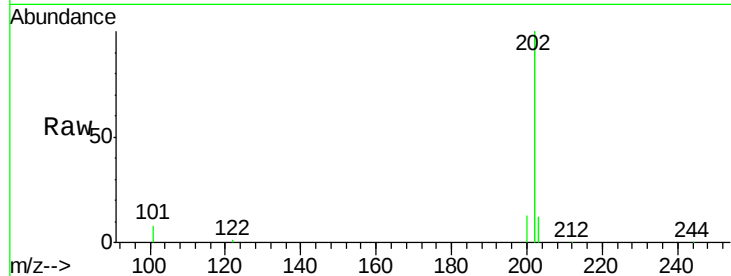




#23
 Fluoranthene
 Concen: 4.15 ng
 RT: 19.58 min Scan# 1264
 Delta R.T. -0.02 min
 Lab File: BE092568.D
 Acq: 18 Nov 2016 16:21

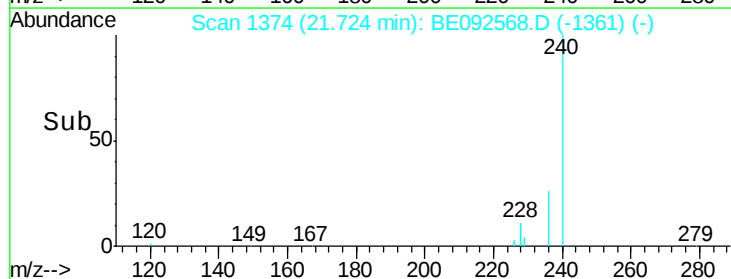
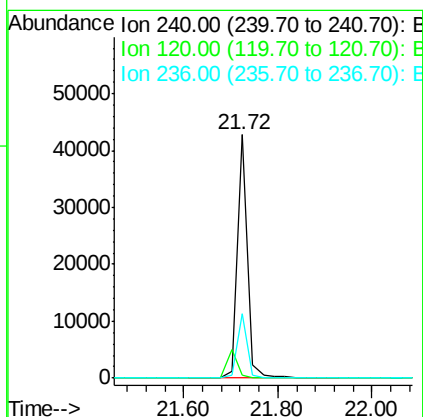
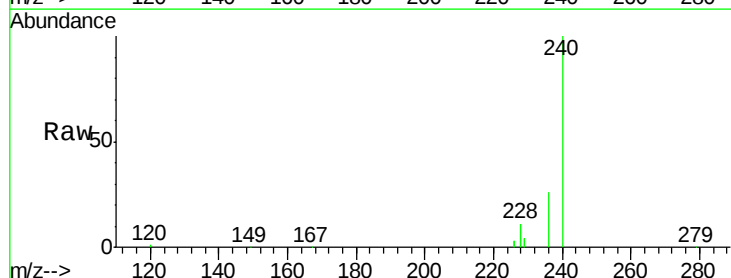
Instrument :
 BNA_E
 ClientSampleId :
 PB94794BS

Tgt Ion: 202 Resp: 209491
 Ion Ratio Lower Upper
 202 100
 101 2.9 2.2 3.4
 203 17.2 13.7 20.5



#24
 Chrysene-d12
 Concen: 5.00 ng
 RT: 21.72 min Scan# 1374
 Delta R.T. 0.00 min
 Lab File: BE092568.D
 Acq: 18 Nov 2016 16:21

Tgt Ion: 240 Resp: 64205
 Ion Ratio Lower Upper
 240 100
 120 1.4 2.6 4.0#
 236 26.3 24.6 37.0





#25

Pyrene

Concen: 4.28 ng

RT: 19.95 min Scan# 1286

Delta R.T. 0.00 min

Lab File: BE092568.D

Acq: 18 Nov 2016 16:21

Instrument :

BNA_E

ClientSampleId :

PB94794BS

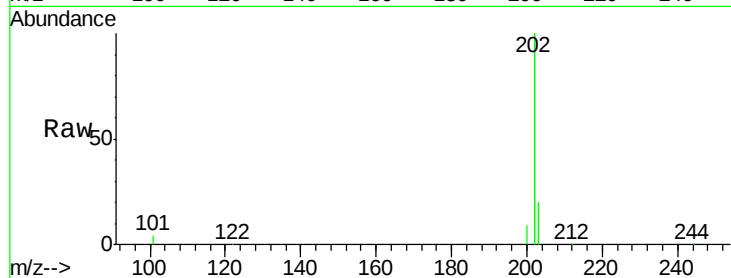
Tgt Ion: 202 Resp: 218371

Ion Ratio Lower Upper

202 100

200 5.3 4.2 6.4

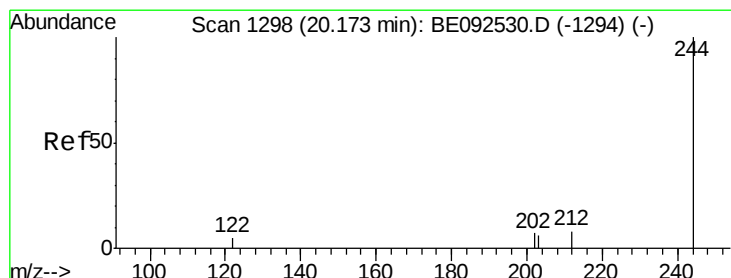
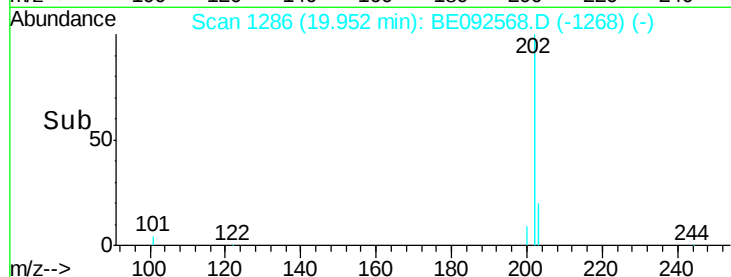
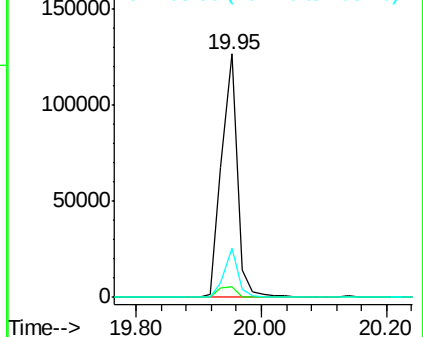
203 17.7 13.9 20.9



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



#26

Terphenyl-d14

Concen: 4.28 ng

RT: 20.16 min Scan# 1298

Delta R.T. -0.02 min

Lab File: BE092568.D

Acq: 18 Nov 2016 16:21

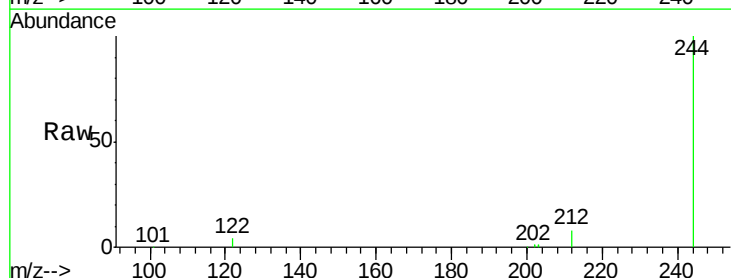
Tgt Ion: 244 Resp: 31395

Ion Ratio Lower Upper

244 100

212 8.3 6.7 10.1

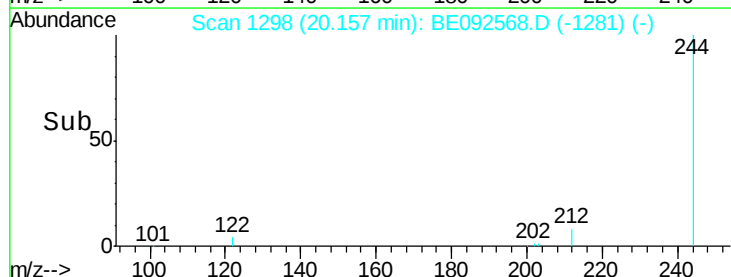
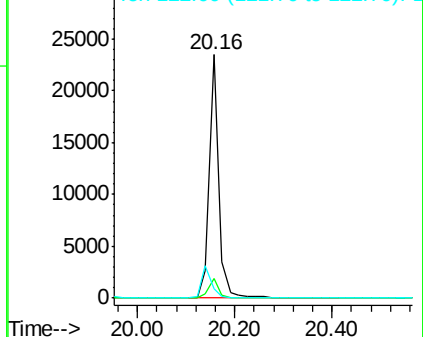
122 4.0 3.6 5.4

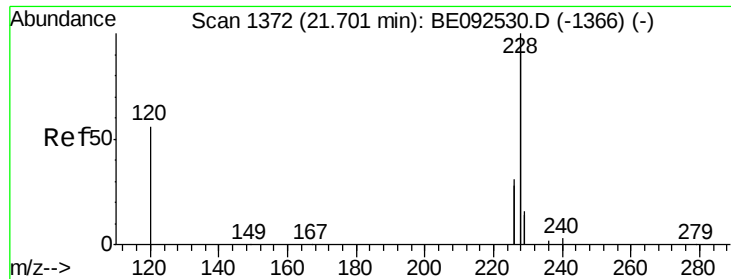


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#27

Benzo(a)anthracene

Concen: 7.63 ng

RT: 21.70 min Scan# 1373

Delta R.T. 0.00 min

Lab File: BE092568.D

Acq: 18 Nov 2016 16:21

Instrument :

BNA_E

ClientSampleId :

PB94794BS

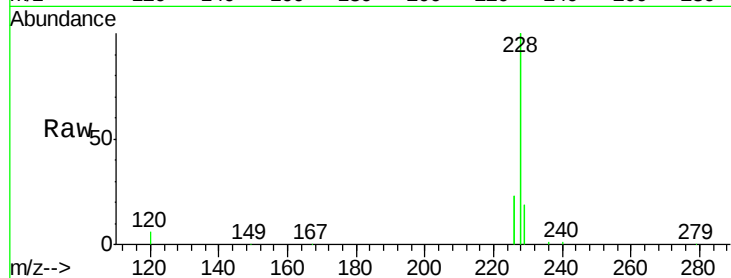
Tgt Ion:228 Resp: 467672

Ion Ratio Lower Upper

228 100

226 22.9 23.6 35.4#

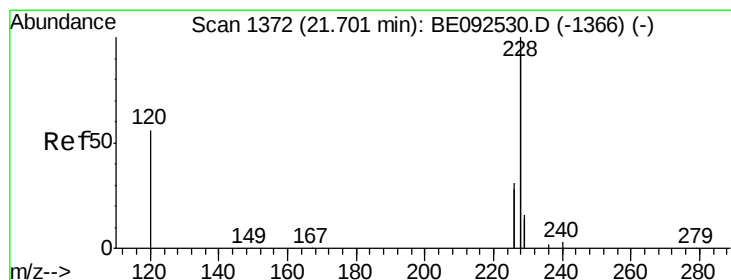
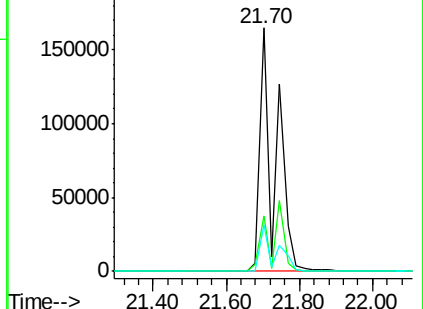
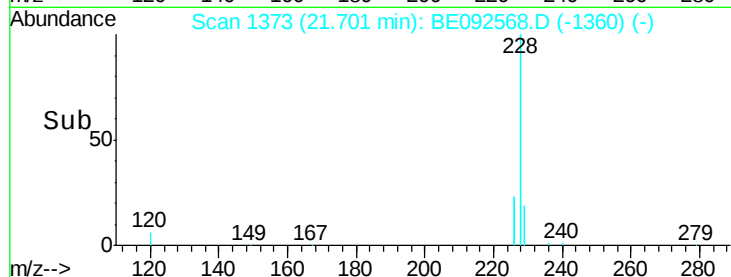
229 19.1 13.3 19.9



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



#28

Chrysene

Concen: 8.59 ng

RT: 21.70 min Scan# 1373

Delta R.T. -0.07 min

Lab File: BE092568.D

Acq: 18 Nov 2016 16:21

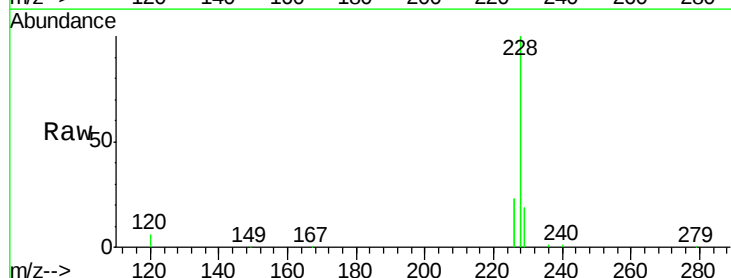
Tgt Ion:228 Resp: 468997

Ion Ratio Lower Upper

228 100

226 22.9 36.3 54.5#

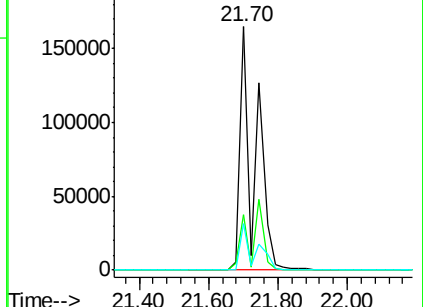
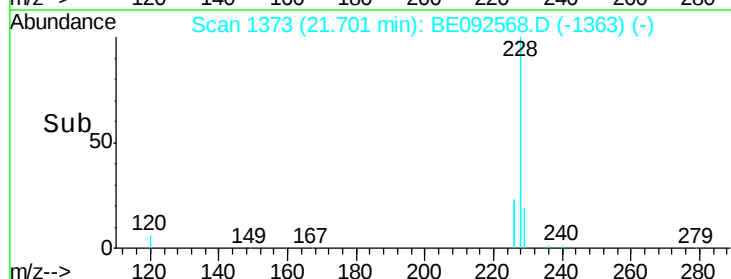
229 19.1 10.6 16.0#



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





#29

Bis(2-ethylhexyl)phthalate

Concen: 4.93 ng

RT: 21.61 min Scan# 1369

Delta R.T. -0.02 min

Lab File: BE092568.D

Acq: 18 Nov 2016 16:21

Instrument :

BNA_E

ClientSampleId :

PB94794BS

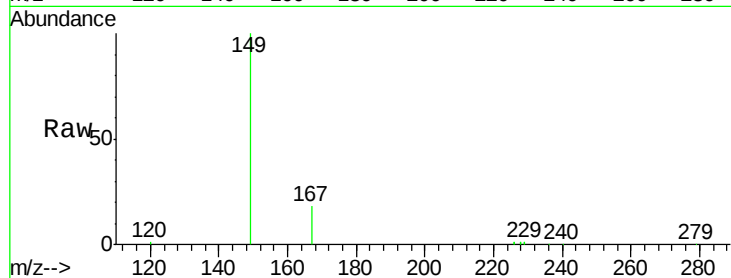
Tgt Ion:149 Resp: 20522

Ion Ratio Lower Upper

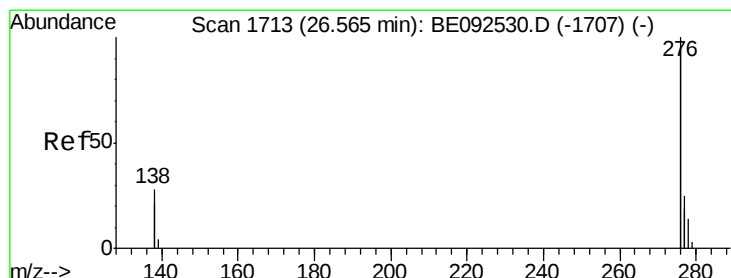
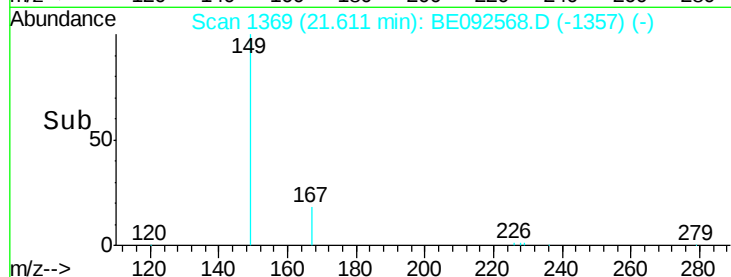
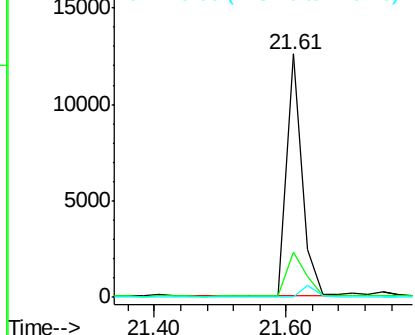
149 100

167 22.4 16.0 24.0

279 0.0 16.0 24.0#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#30

Indeno(1,2,3-cd)pyrene

Concen: 4.75 ng

RT: 26.55 min Scan# 1713

Delta R.T. -0.02 min

Lab File: BE092568.D

Acq: 18 Nov 2016 16:21

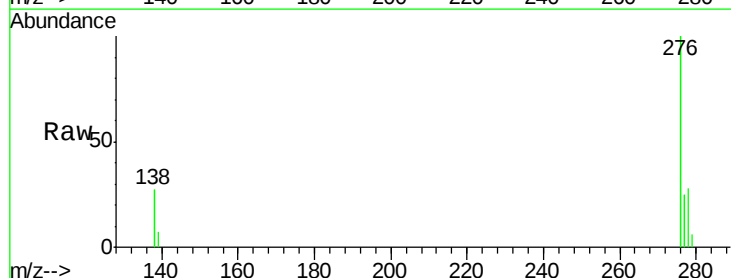
Tgt Ion:276 Resp: 283147

Ion Ratio Lower Upper

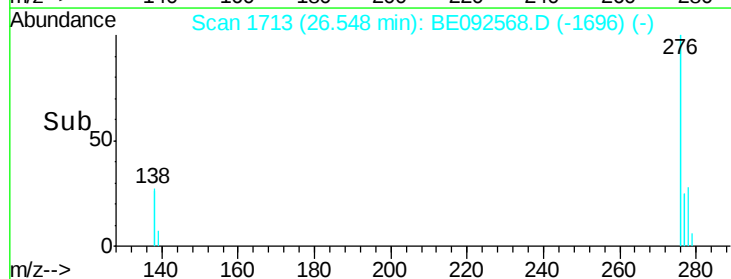
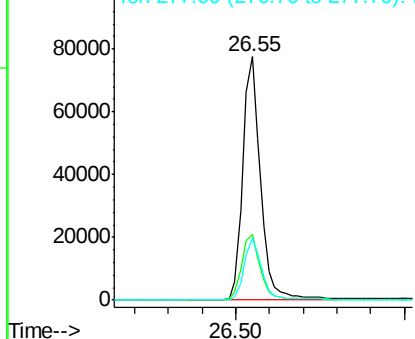
276 100

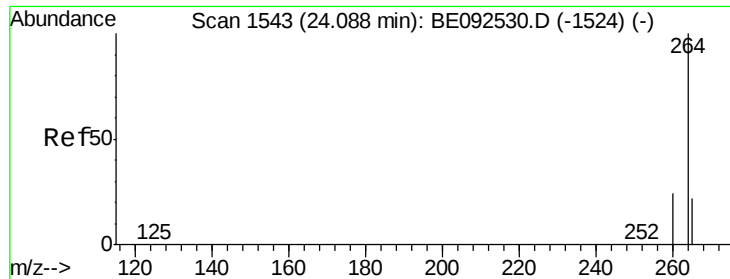
138 28.2 20.3 30.5

277 24.8 19.7 29.5



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

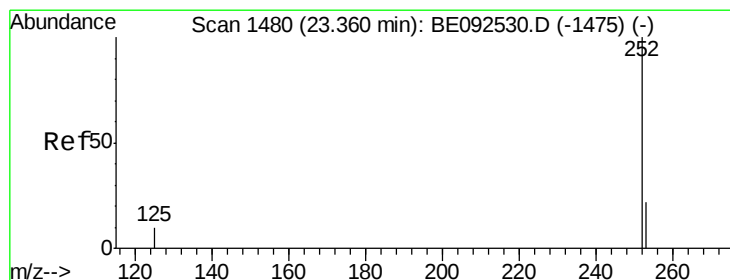
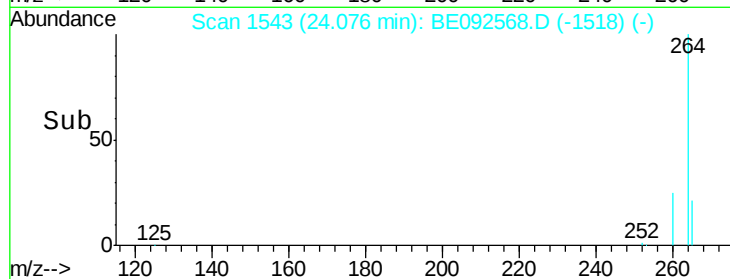
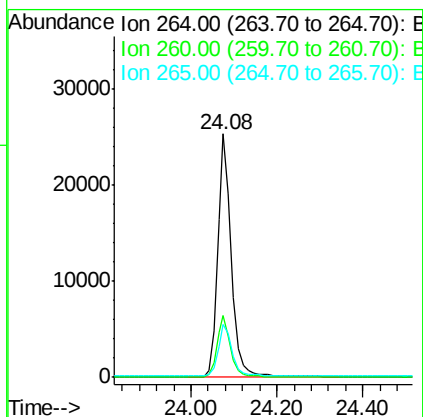
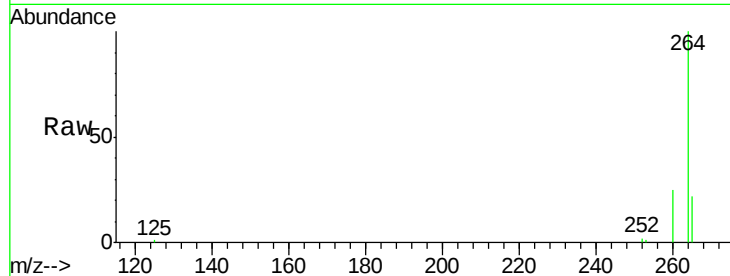




#31
Perylene-d12
 Concen: 5.00 ng
 RT: 24.08 min Scan# 1543
 Delta R.T. -0.01 min
 Lab File: BE092568.D
 Acq: 18 Nov 2016 16:21

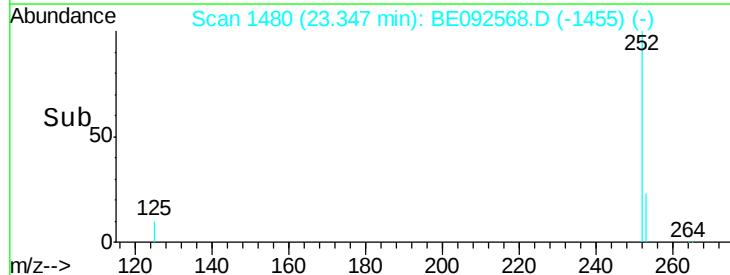
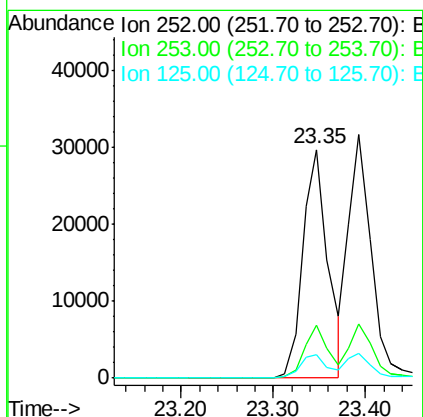
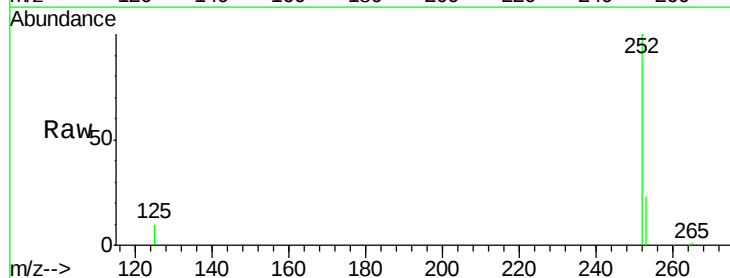
Instrument :
 BNA_E
 ClientSampleId :
 PB94794BS

Tgt Ion: 264 Resp: 56655
 Ion Ratio Lower Upper
 264 100
 260 25.2 20.1 30.1
 265 21.7 17.9 26.9



#32
Benzo(b)fluoranthene
 Concen: 4.11 ng
 RT: 23.35 min Scan# 1480
 Delta R.T. -0.01 min
 Lab File: BE092568.D
 Acq: 18 Nov 2016 16:21

Tgt Ion: 252 Resp: 56508
 Ion Ratio Lower Upper
 252 100
 253 22.9 18.7 28.1
 125 10.2 10.5 15.7#





#33

Benzo(k)fluoranthene

Concen: 3.88 ng

RT: 23.39 min Scan# 1484

Delta R.T. -0.01 min

Lab File: BE092568.D

Acq: 18 Nov 2016 16:21

Instrument :

BNA_E

ClientSampleId :

PB94794BS

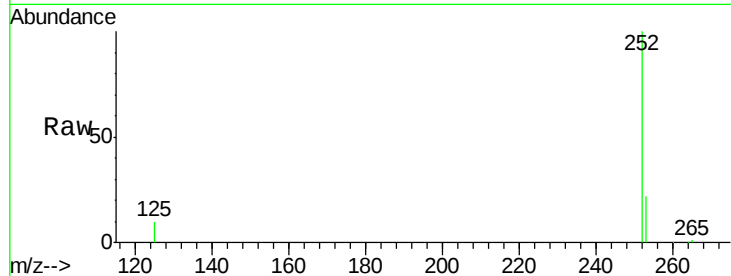
Tgt Ion:252 Resp: 55861

Ion Ratio Lower Upper

252 100

253 22.1 20.3 30.5

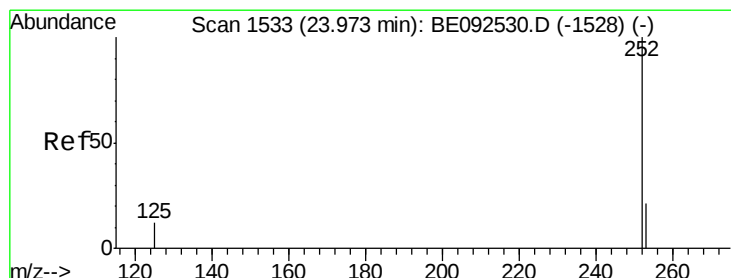
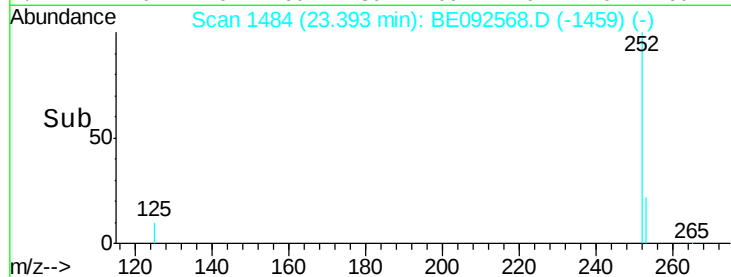
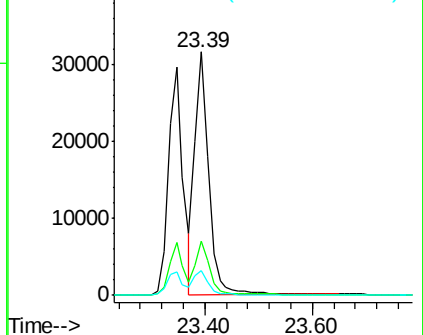
125 10.3 9.6 14.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#34

Benzo(a)pyrene

Concen: 4.35 ng

RT: 23.96 min Scan# 1533

Delta R.T. -0.01 min

Lab File: BE092568.D

Acq: 18 Nov 2016 16:21

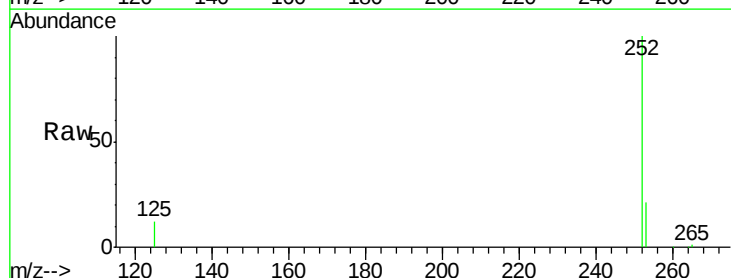
Tgt Ion:252 Resp: 55358

Ion Ratio Lower Upper

252 100

253 21.2 19.0 28.6

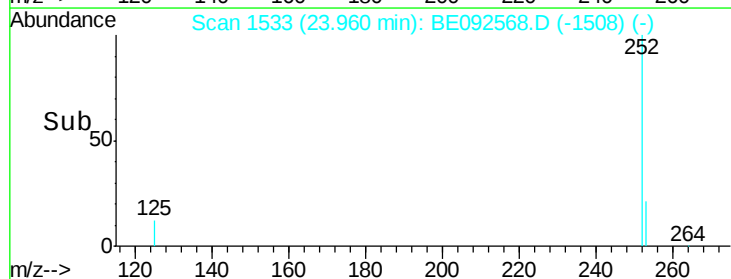
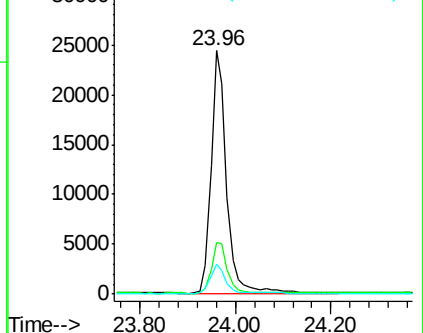
125 12.2 11.8 17.8

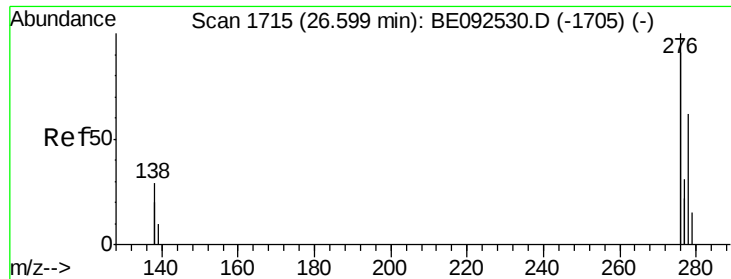


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#35

Dibenzo(a,h)anthracene

Concen: 4.69 ng

RT: 26.56 min Scan# 1714

Delta R.T. -0.03 min

Lab File: BE092568.D

Acq: 18 Nov 2016 16:21

Instrument :

BNA_E

ClientSampleId :

PB94794BS

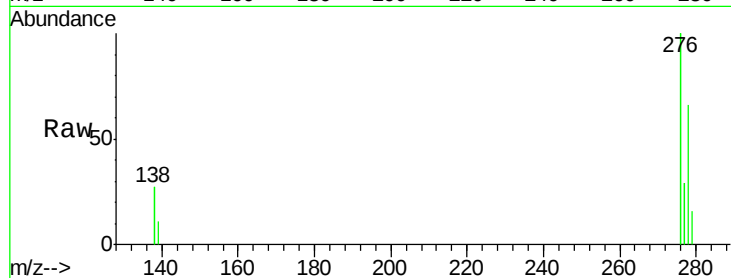
Tgt Ion:278 Resp: 59050

Ion Ratio Lower Upper

278 100

139 17.0 13.8 20.8

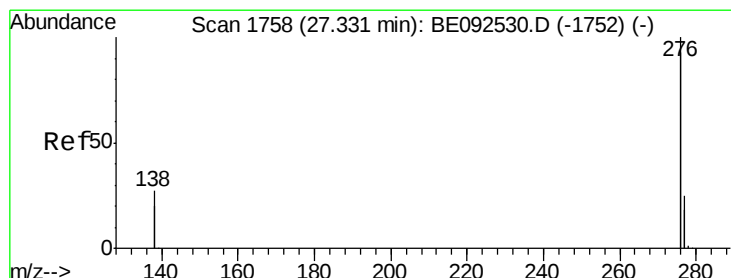
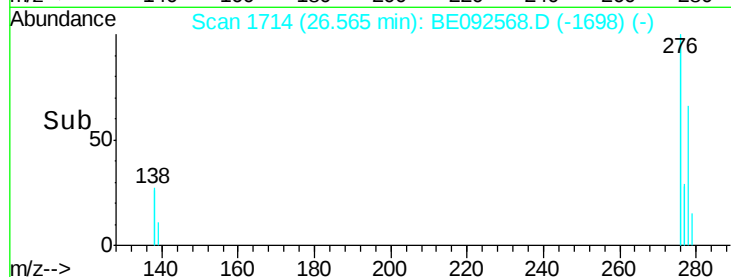
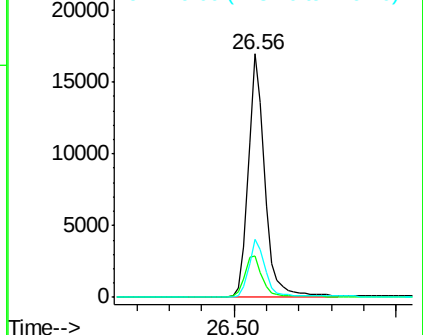
279 23.6 21.4 32.2



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#36

Benzo(g,h,i)perylene

Concen: 4.61 ng

RT: 27.31 min Scan# 1758

Delta R.T. -0.02 min

Lab File: BE092568.D

Acq: 18 Nov 2016 16:21

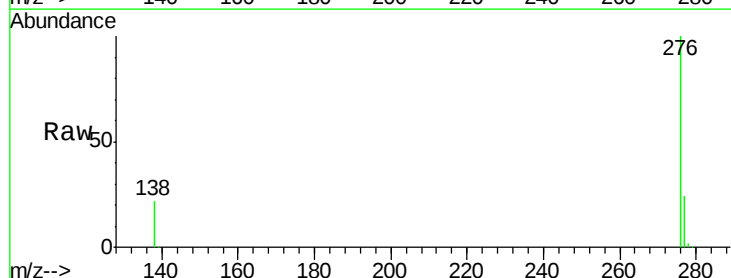
Tgt Ion:276 Resp: 245419

Ion Ratio Lower Upper

276 100

277 24.3 19.8 29.8

138 22.4 19.8 29.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

