

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE111716\
 Data File : BE092557.D
 Acq On : 17 Nov 2016 9:16
 Operator : UM/SJ
 Sample : SSTDCCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCCC0.4

Quant Time: Nov 18 00:08:53 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	7467	5.00	ng	-0.02
7) Naphthalene-d8	10.93	136	36563	5.00	ng	0.00
12) Acenaphthene-d10	14.80	164	26976	5.00	ng	0.00
18) Phenanthrene-d10	17.56	188	59820	5.00	ng	0.00
24) Chrysene-d12	21.72	240	89932	5.00	ng	0.00
31) Perylene-d12	24.08	264	73771	5.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.67	112	510	0.40	ng	0.00
5) Phenol-d6	7.36	99	720	0.45	ng	0.00
8) Nitrobenzene-d5	9.34	82	789	0.41	ng	-0.02
13) 2,4,6-Tribromophenol	16.30	330	243	0.40	ng	-0.01
14) 2-Fluorobiphenyl	13.43	172	2536	0.39	ng	0.00
26) Terphenyl-d14	20.16	244	3865	0.38	ng	-0.02

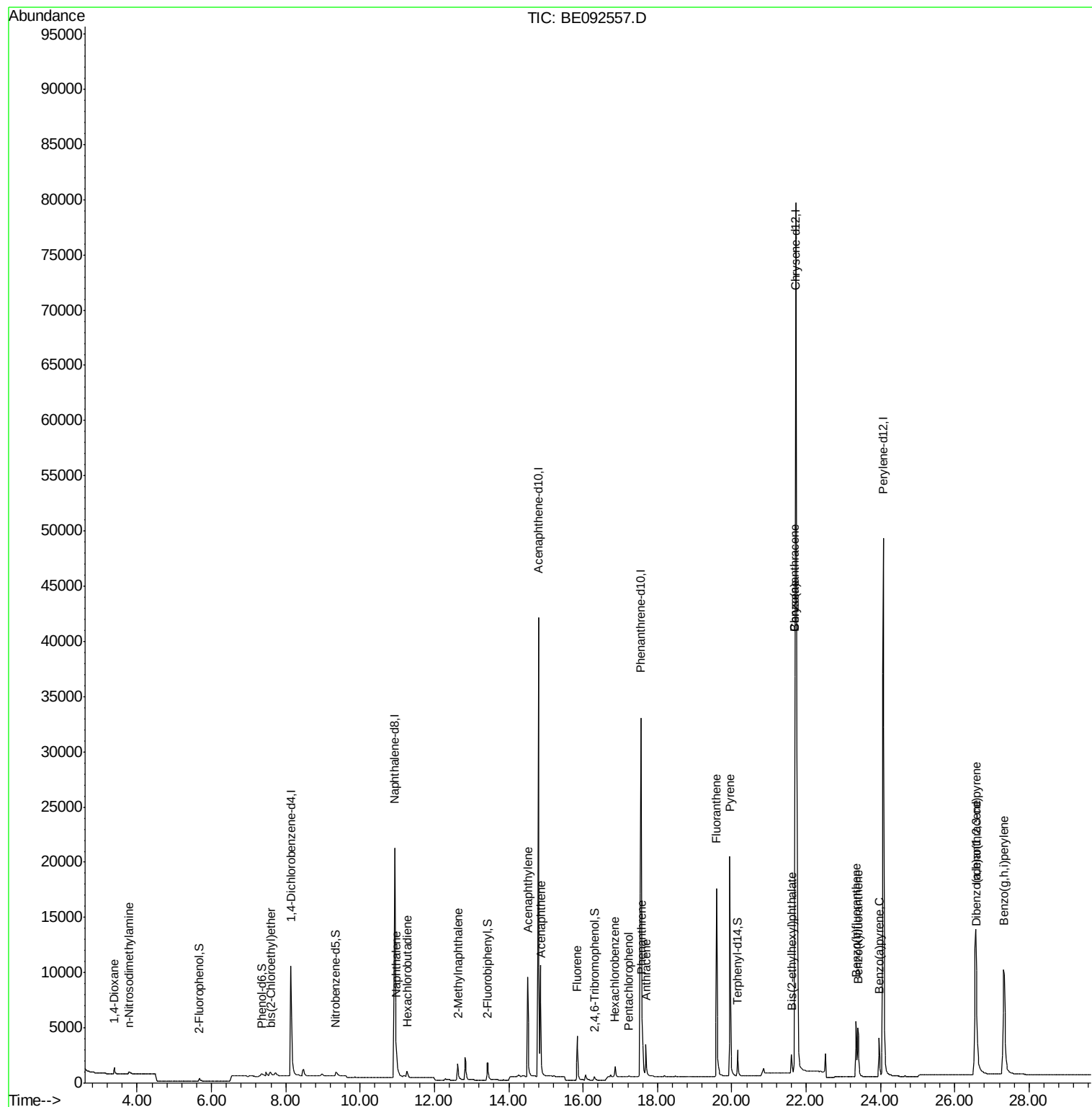
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.39	88	481	0.44	ng	90
3) n-Nitrosodimethylamine	3.77	42	414	0.50	ng	# 89
6) bis(2-Chloroethyl)ether	7.59	93	716	0.35	ng	# 28
9) Naphthalene	10.97	128	3085	0.41	ng	# 96
10) Hexachlorobutadiene	11.26	225	465	0.41	ng	98
11) 2-Methylnaphthalene	12.62	142	1916	0.40	ng	97
15) Acenaphthylene	14.51	152	14429	0.38	ng	100
16) Acenaphthene	14.87	154	2419	0.39	ng	98
17) Fluorene	15.84	166	3044	0.40	ng	99
19) Hexachlorobenzene	16.87	284	1113	0.47	ng	# 87
20) Pentachlorophenol	17.23	266	187	0.50	ng	94
21) Phenanthrene	17.58	178	5503	0.41	ng	# 78
22) Anthracene	17.69	178	4949	0.39	ng	99
23) Fluoranthene	19.59	202	25584	0.41	ng	98
25) Pyrene	19.95	202	27617	0.39	ng	100
27) Benzo(a)anthracene	21.70	228	63601	0.83	ng	94
28) Chrysene	21.70	228	63838	0.84	ng	# 74
29) Bis(2-ethylhexyl)phthalate	21.61	149	2463	0.53	ng	# 75
30) Indeno(1,2,3-cd)pyrene	26.57	276	30988	0.41	ng	98
32) Benzo(b)fluoranthene	23.35	252	6835	0.38	ng	99
33) Benzo(k)fluoranthene	23.39	252	7497	0.40	ng	97
34) Benzo(a)pyrene	23.96	252	6456	0.39	ng	99
35) Dibenzo(a,h)anthracene	26.58	278	6261	0.38	ng	98
36) Benzo(g,h,i)perylene	27.31	276	26869	0.39	ng	97

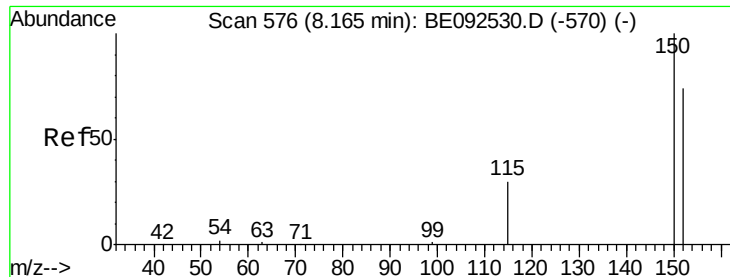
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE111716\
Data File : BE092557.D
Acq On : 17 Nov 2016 9:16
Operator : UM/SJ
Sample : SSTDICCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Quant Time: Nov 18 00:08:53 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: BE092557.D

Acq: 17 Nov 2016 9:16

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

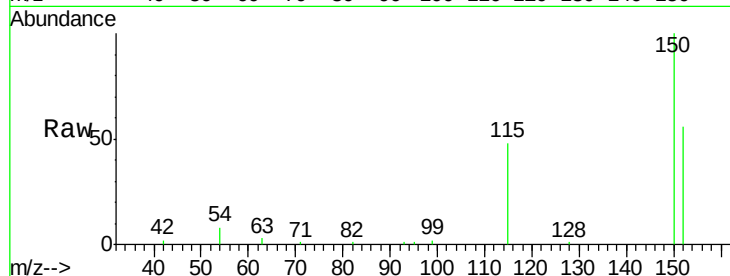
Tgt Ion: 152 Resp: 7467

Ion Ratio Lower Upper

152 100

150 178.5 106.0 159.0#

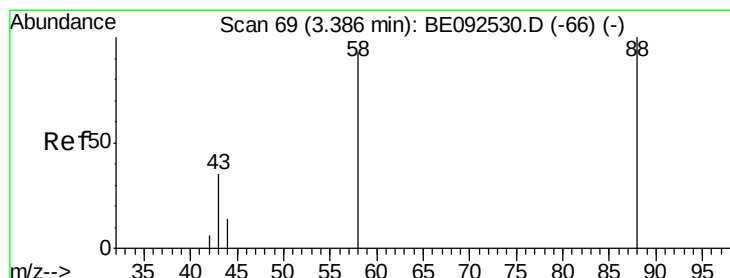
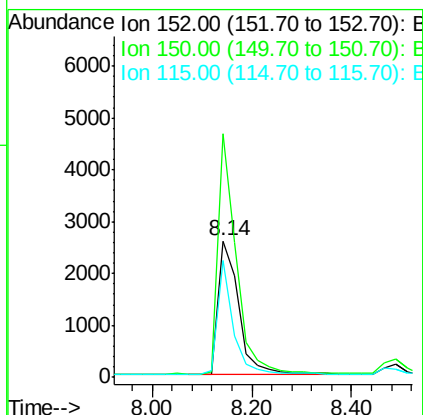
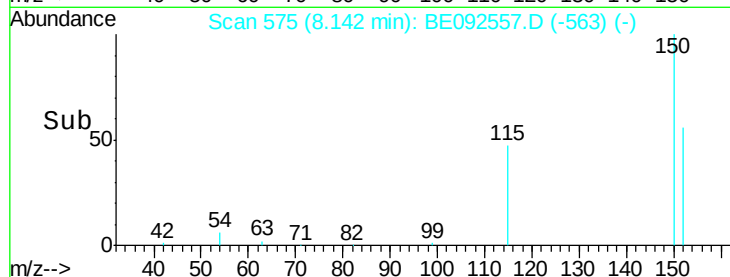
115 85.7 31.2 46.8#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.44 ng

RT: 3.39 min Scan# 69

Delta R.T. 0.00 min

Lab File: BE092557.D

Acq: 17 Nov 2016 9:16

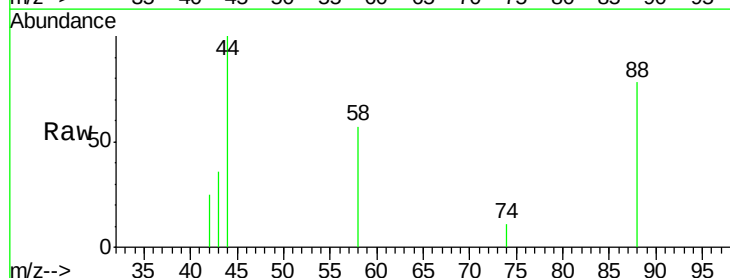
Tgt Ion: 88 Resp: 481

Ion Ratio Lower Upper

88 100

58 71.1 63.6 95.4

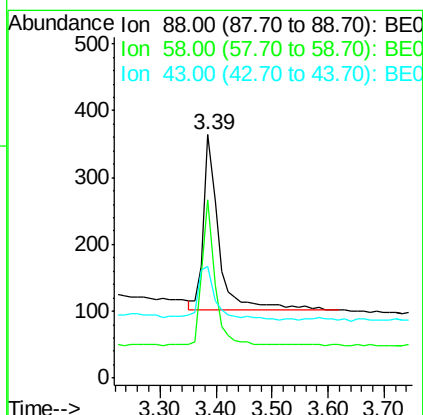
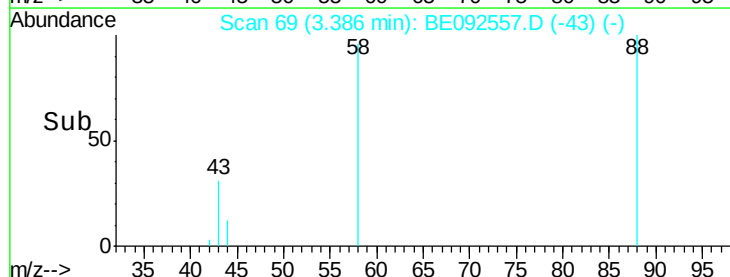
43 29.5 28.0 42.0

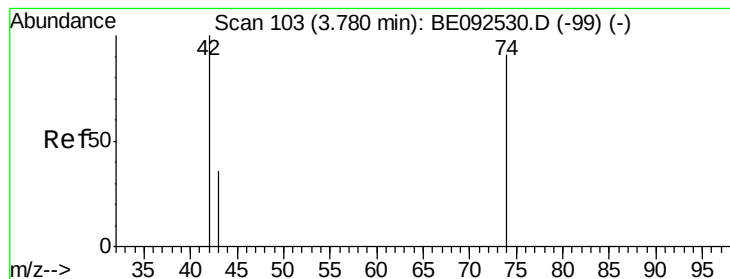


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.50 ng

RT: 3.77 min Scan# 102

Delta R.T. -0.01 min

Lab File: BE092557.D

Acq: 17 Nov 2016 9:16

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

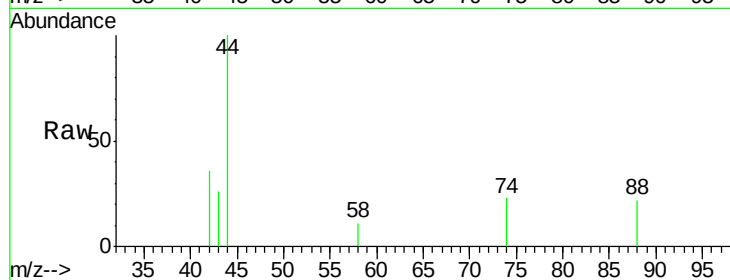
Tgt Ion: 42 Resp: 414

Ion Ratio Lower Upper

42 100

74 96.9 86.0 129.0

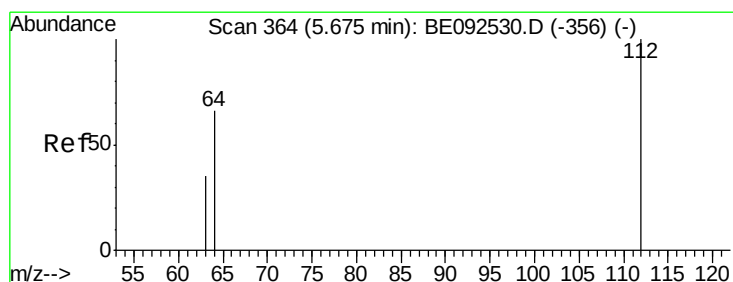
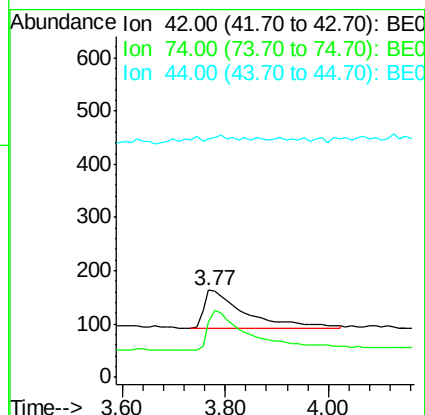
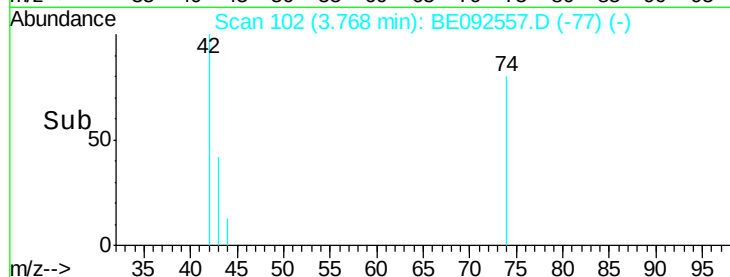
44 0.0 5.1 7.7#



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: 0.40 ng

RT: 5.67 min Scan# 363

Delta R.T. -0.00 min

Lab File: BE092557.D

Acq: 17 Nov 2016 9:16

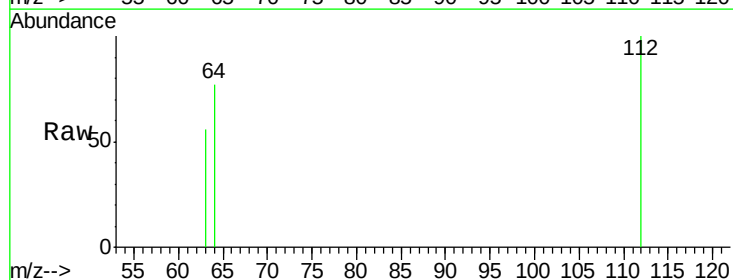
Tgt Ion: 112 Resp: 510

Ion Ratio Lower Upper

112 100

64 72.7 53.5 80.3

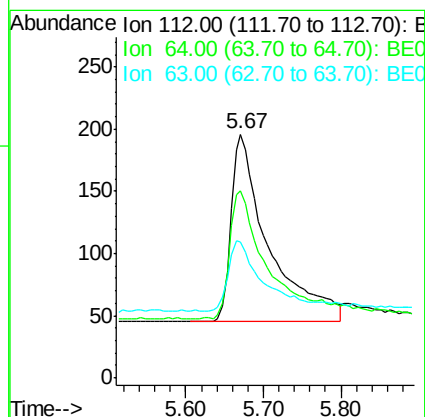
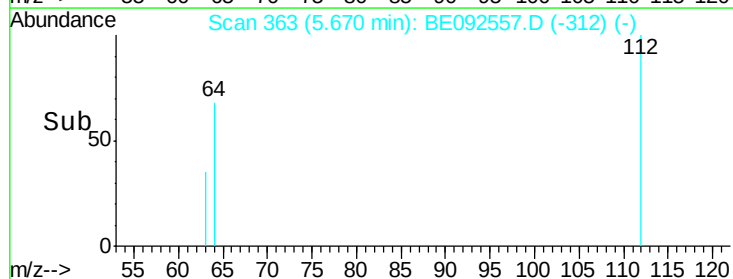
63 34.3 27.9 41.9

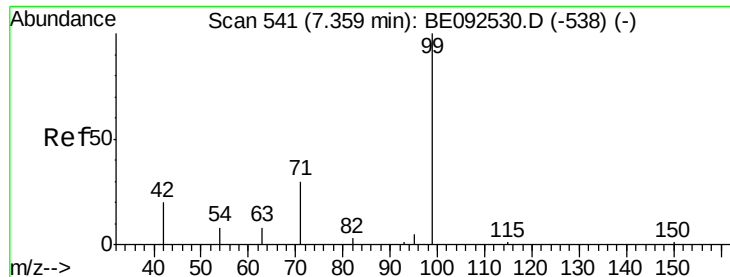


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.45 ng

RT: 7.36 min Scan# 541

Delta R.T. 0.00 min

Lab File: BE092557.D

Acq: 17 Nov 2016 9:16

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

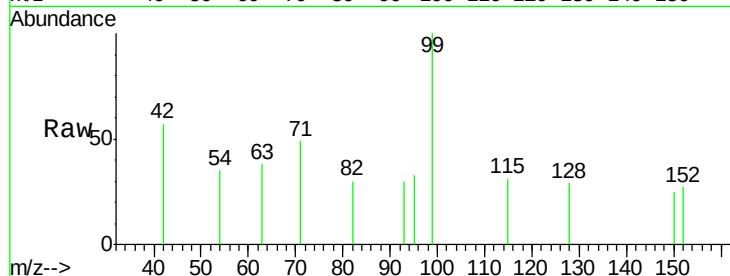
Tgt Ion: 99 Resp: 720

Ion Ratio Lower Upper

99 100

42 0.0 16.0 24.0#

71 0.0 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

Time-->

7.20 7.30 7.40 7.50 7.60

7.36

250

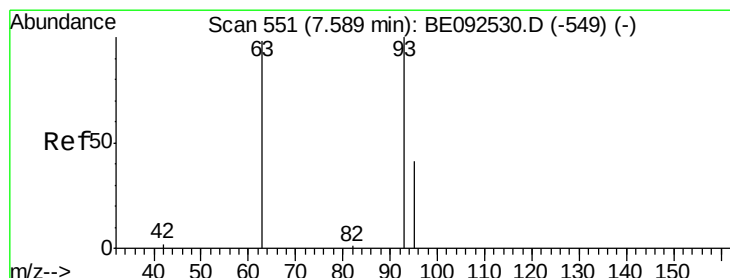
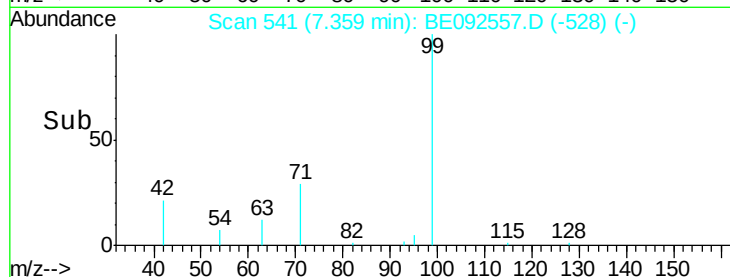
200

150

100

50

0



#6

bis(2-Chloroethyl)ether

Concen: 0.35 ng

RT: 7.59 min Scan# 551

Delta R.T. 0.00 min

Lab File: BE092557.D

Acq: 17 Nov 2016 9:16

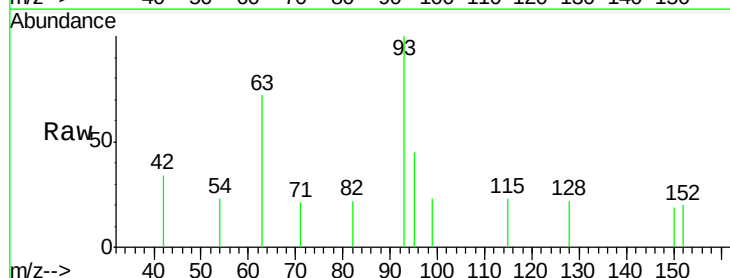
Tgt Ion: 93 Resp: 716

Ion Ratio Lower Upper

93 100

63 0.0 71.6 107.4#

95 31.1 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

Time-->

7.50 7.60 7.70 7.80

7.59

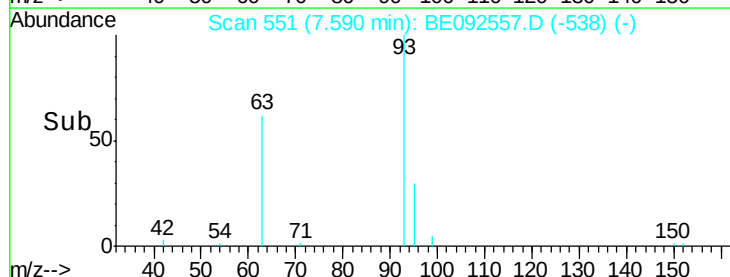
400

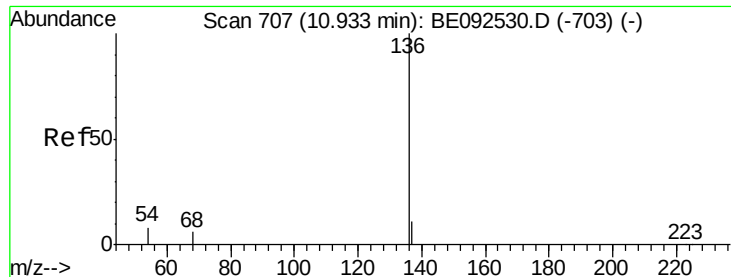
300

200

100

0





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.93 min Scan# 707

Delta R.T. -0.00 min

Lab File: BE092557.D

Acq: 17 Nov 2016 9:16

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tgt Ion: 136 Resp: 36563

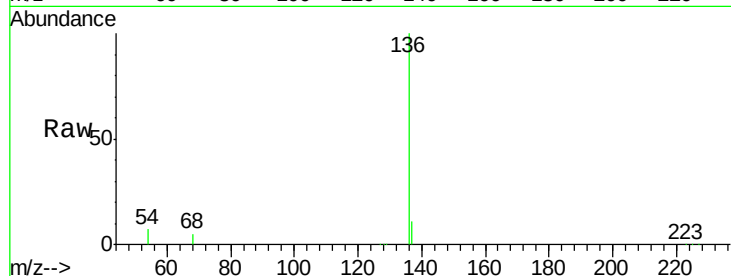
Ion Ratio Lower Upper

136 100

137 11.2 8.2 12.4

54 7.2 9.6 14.4#

68 5.4 6.7 10.1#

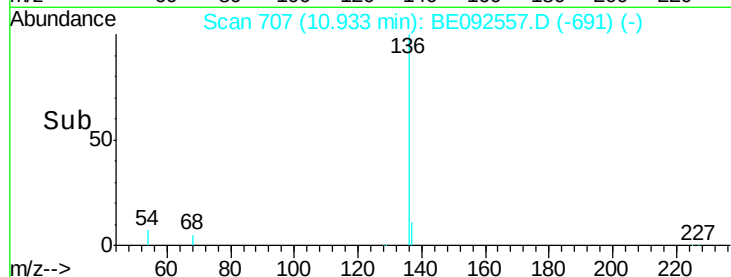


Abundance Ion 136.00 (135.70 to 136.70): E

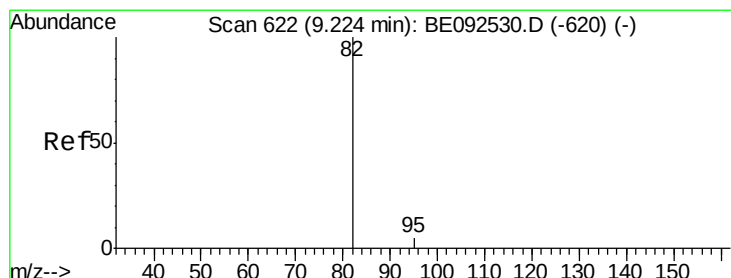
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



Time-->



#8

Nitrobenzene-d5

Concen: 0.41 ng

RT: 9.34 min Scan# 627

Delta R.T. -0.02 min

Lab File: BE092557.D

Acq: 17 Nov 2016 9:16

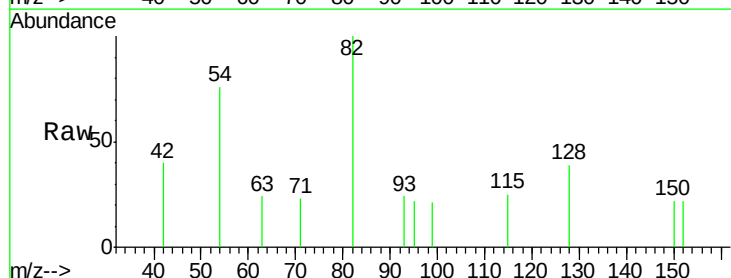
Tgt Ion: 82 Resp: 789

Ion Ratio Lower Upper

82 100

128 39.0 39.0 58.4

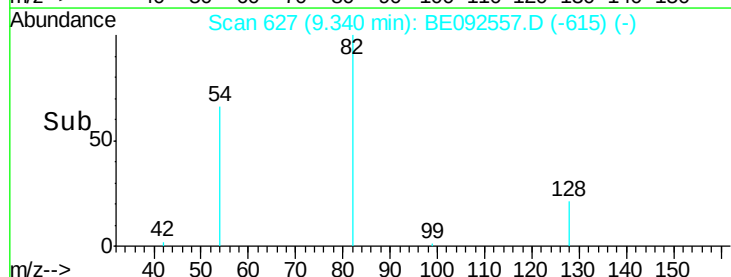
54 75.8 44.8 67.2#



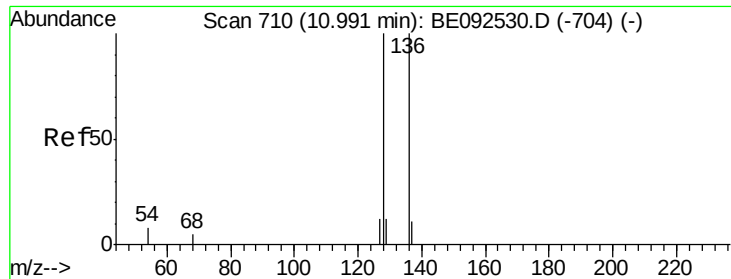
Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0



Time-->



#9

Naphthalene

Concen: 0.41 ng

RT: 10.97 min Scan# 709

Delta R.T. -0.02 min

Lab File: BE092557.D

Acq: 17 Nov 2016 9:16

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

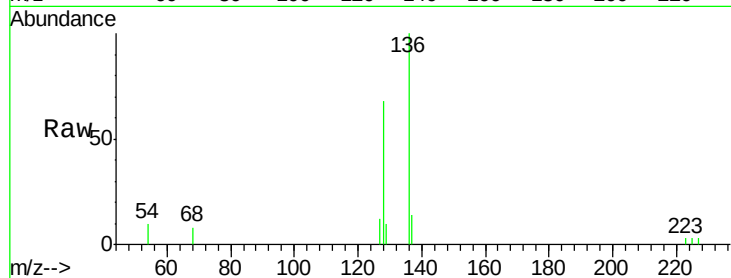
Tgt Ion:128 Resp: 3085

Ion Ratio Lower Upper

128 100

129 14.0 11.2 16.8

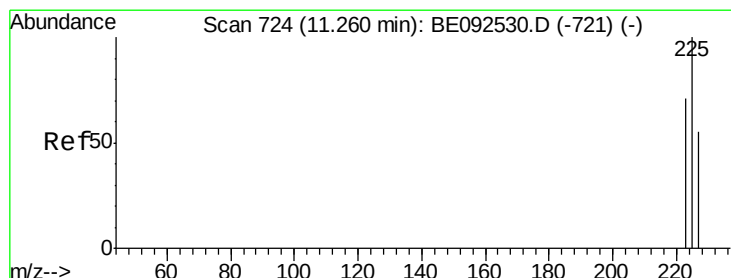
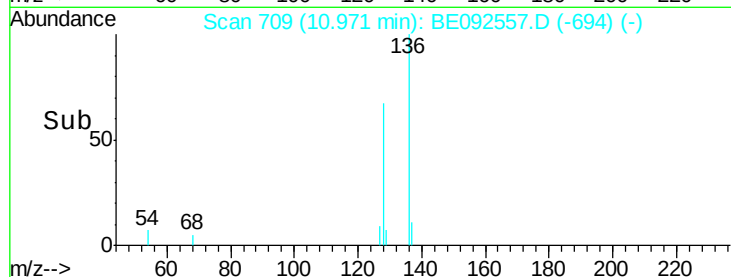
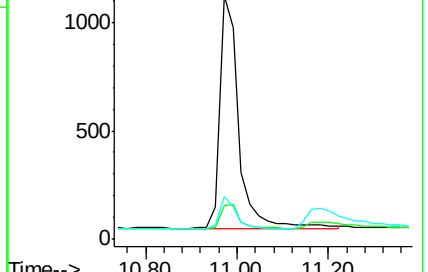
127 17.5 11.6 17.4#



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: 0.41 ng

RT: 11.26 min Scan# 724

Delta R.T. -0.00 min

Lab File: BE092557.D

Acq: 17 Nov 2016 9:16

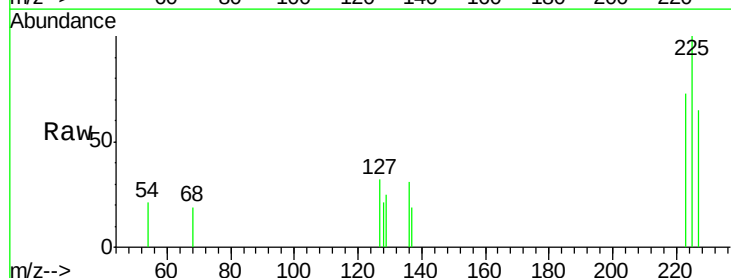
Tgt Ion:225 Resp: 465

Ion Ratio Lower Upper

225 100

223 62.6 50.6 76.0

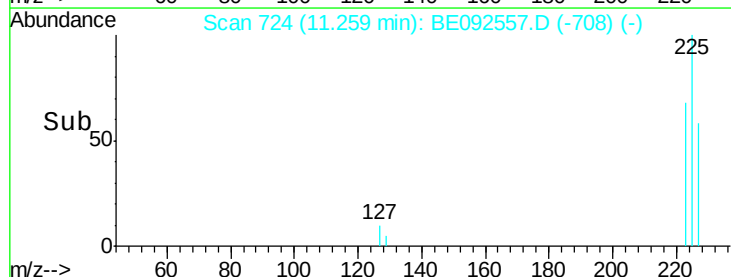
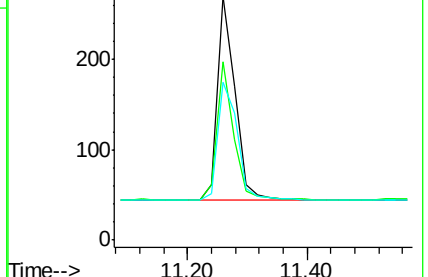
227 66.0 51.4 77.0

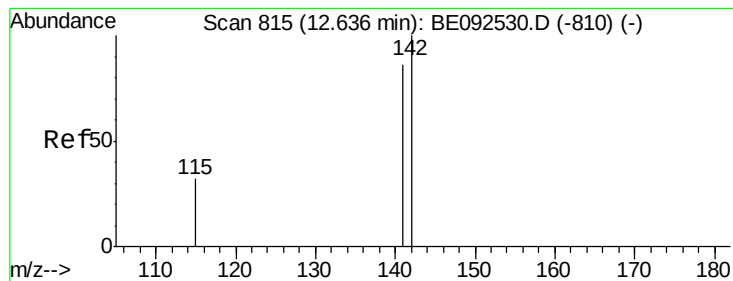


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene

Concen: 0.40 ng

RT: 12.62 min Scan# 814

Delta R.T. -0.01 min

Lab File: BE092557.D

Acq: 17 Nov 2016 9:16

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

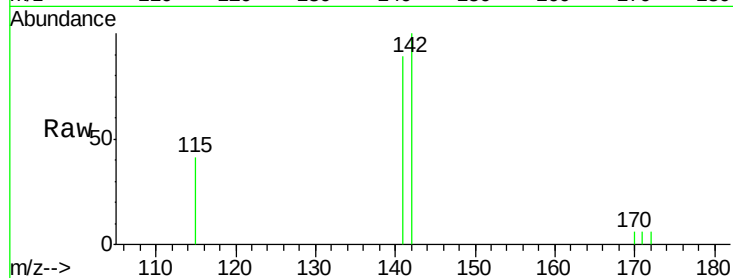
Tgt Ion:142 Resp: 1916

Ion Ratio Lower Upper

142 100

141 89.5 73.7 110.5

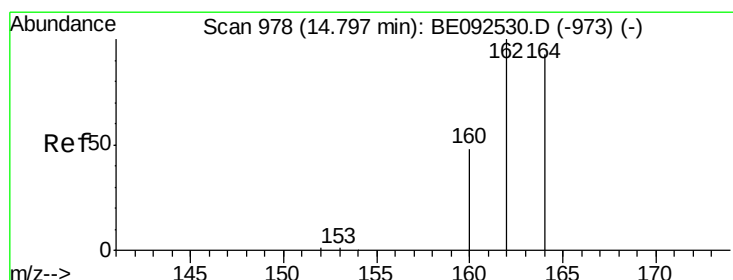
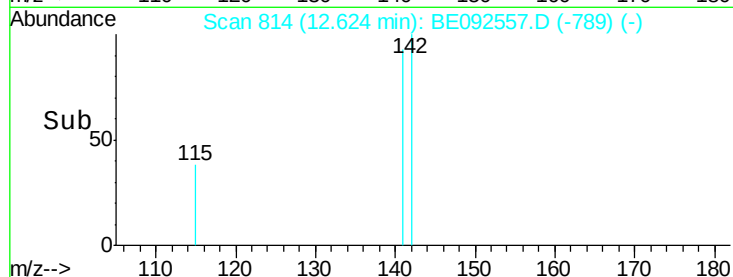
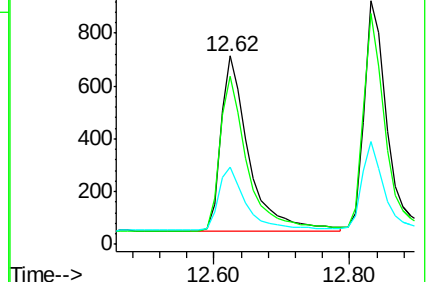
115 41.1 34.0 51.0



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



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.80 min Scan# 979

Delta R.T. 0.00 min

Lab File: BE092557.D

Acq: 17 Nov 2016 9:16

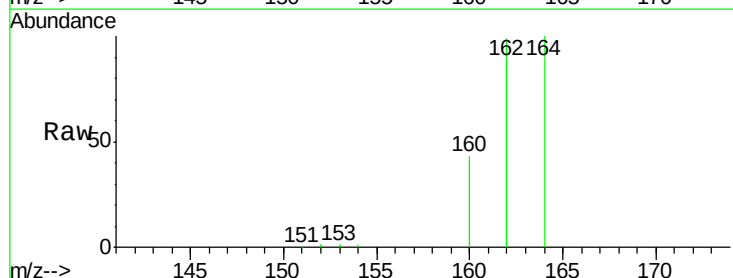
Tgt Ion:164 Resp: 26976

Ion Ratio Lower Upper

164 100

162 98.6 71.4 107.0

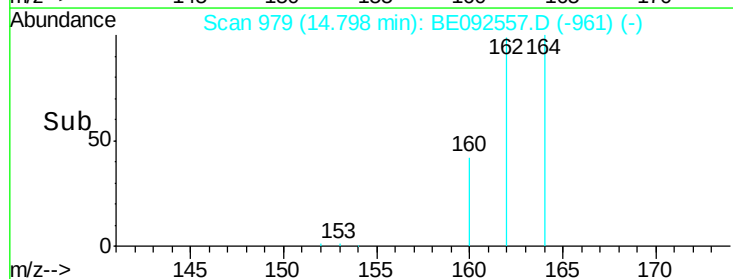
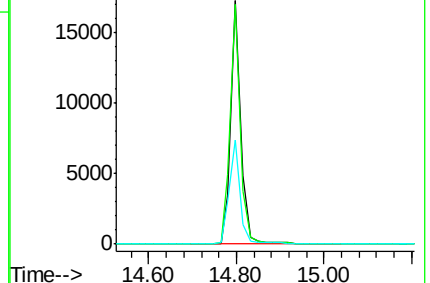
160 42.6 27.4 41.2#

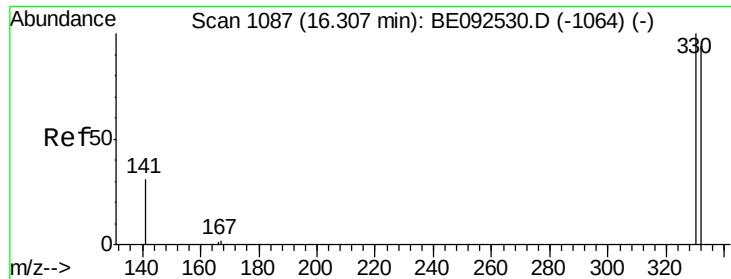


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

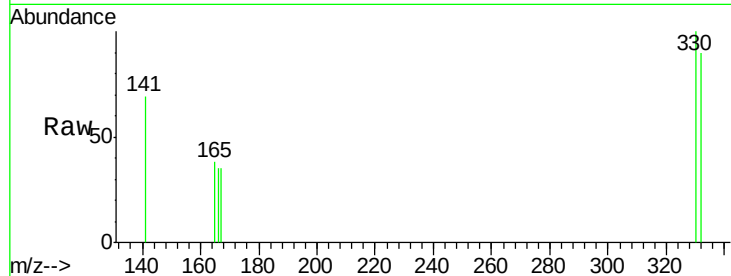




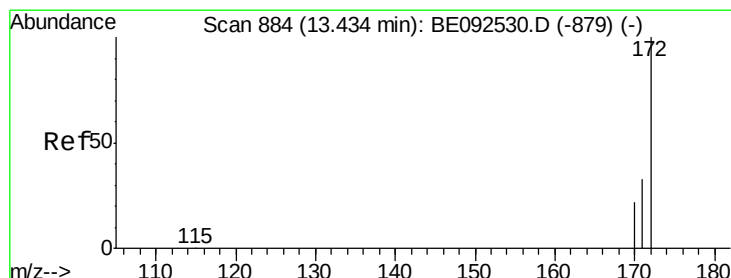
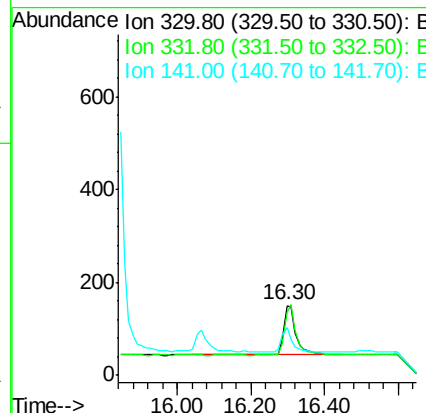
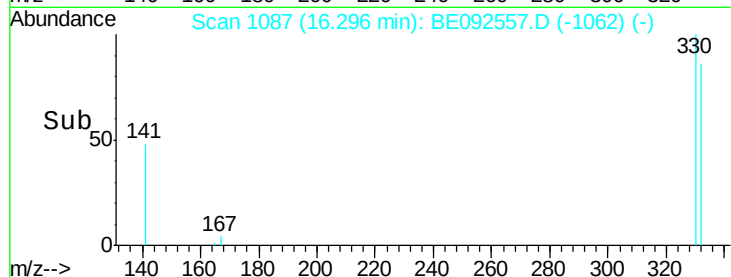
#13
 2,4,6-Tribromophenol
 Concen: 0.40 ng
 RT: 16.30 min Scan# 1087
 Delta R.T. -0.01 min
 Lab File: BE092557.D
 Acq: 17 Nov 2016 9:16

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Tgt Ion: 330 Resp: 243
 Ion Ratio Lower Upper
 330 100
 332 100.4 75.4 113.0
 141 43.6 31.0 46.6

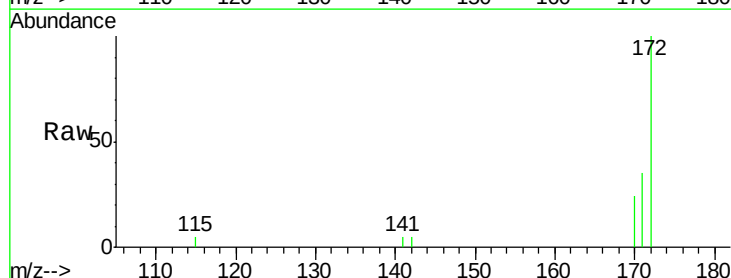


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

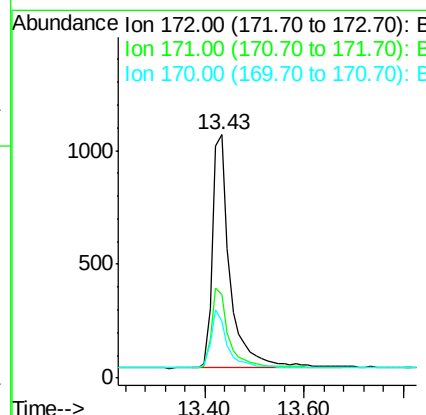
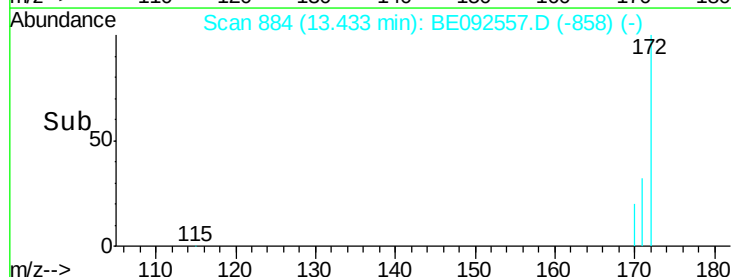


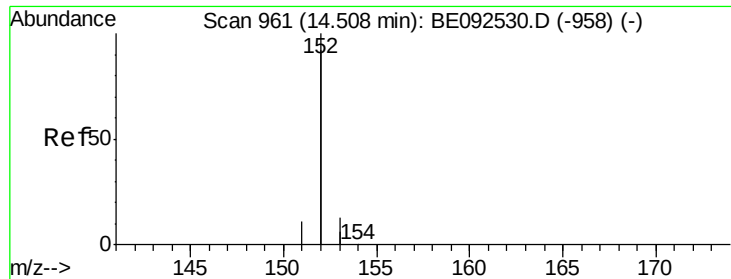
#14
 2-Fluorobiphenyl
 Concen: 0.39 ng
 RT: 13.43 min Scan# 884
 Delta R.T. -0.00 min
 Lab File: BE092557.D
 Acq: 17 Nov 2016 9:16

Tgt Ion: 172 Resp: 2536
 Ion Ratio Lower Upper
 172 100
 171 34.6 30.1 45.1
 170 23.6 21.8 32.6



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





#15

Acenaphthylene

Concen: 0.38 ng

RT: 14.51 min Scan# 962

Delta R.T. 0.00 min

Lab File: BE092557.D

Acq: 17 Nov 2016 9:16

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

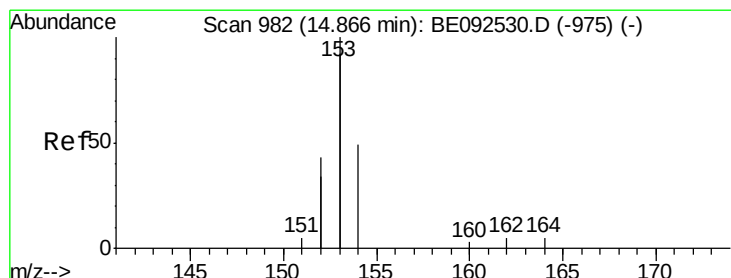
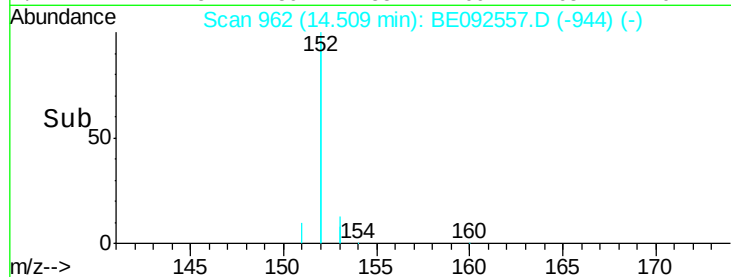
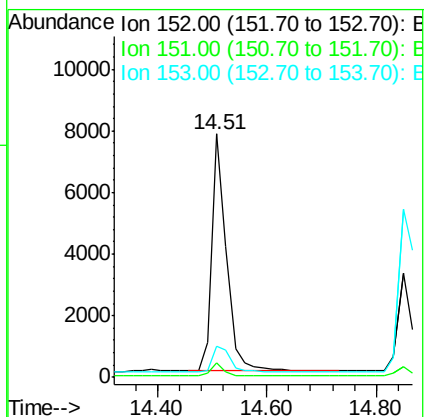
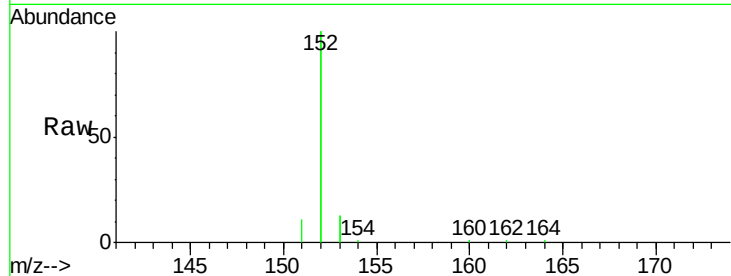
Tgt Ion:152 Resp: 14429

Ion Ratio Lower Upper

152 100

151 5.0 3.9 5.9

153 13.0 10.4 15.6



#16

Acenaphthene

Concen: 0.39 ng

RT: 14.87 min Scan# 983

Delta R.T. 0.00 min

Lab File: BE092557.D

Acq: 17 Nov 2016 9:16

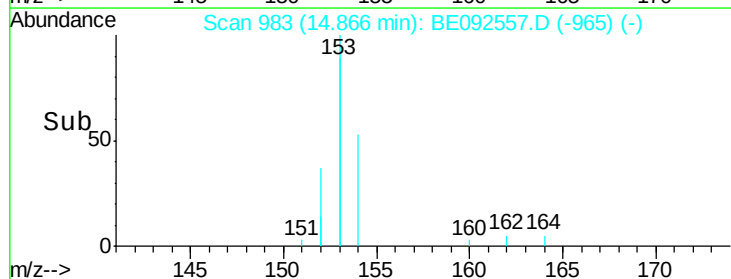
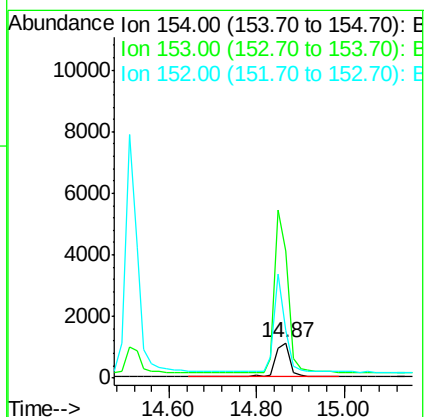
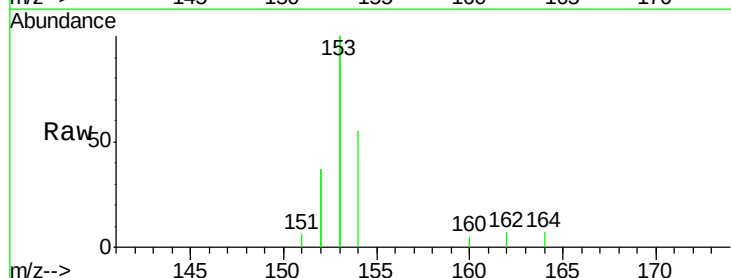
Tgt Ion:154 Resp: 2419

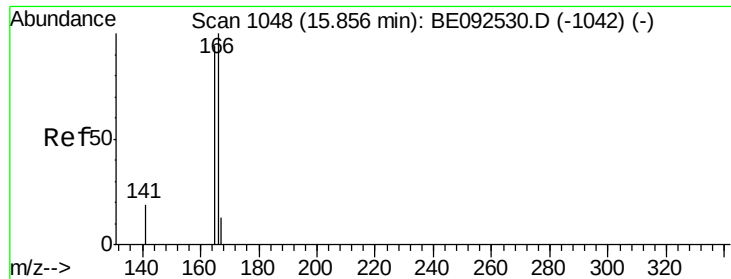
Ion Ratio Lower Upper

154 100

153 438.4 350.8 526.2

152 224.6 171.1 256.7

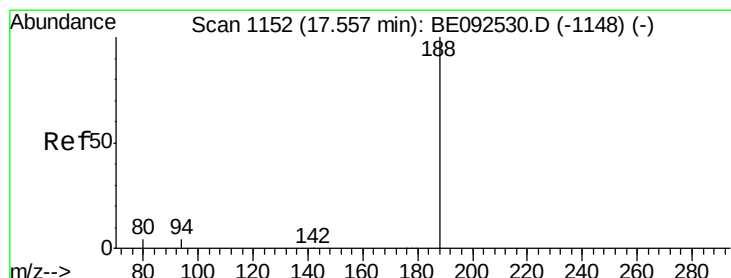
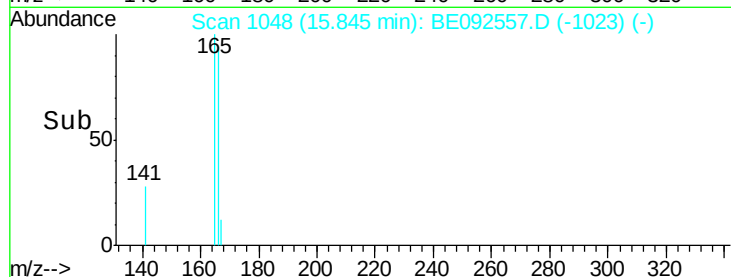
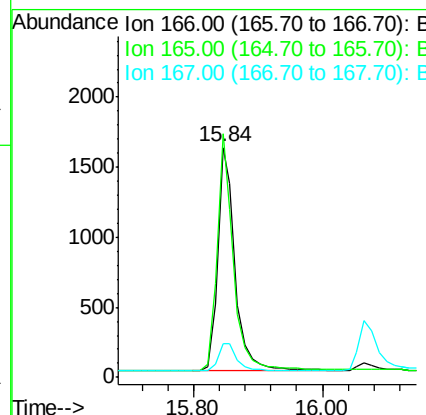
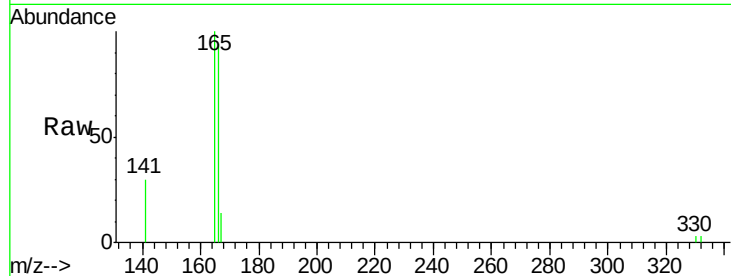




#17
Fluorene
 Concen: 0.40 ng
 RT: 15.84 min Scan# 1048
 Delta R.T. -0.01 min
 Lab File: BE092557.D
 Acq: 17 Nov 2016 9:16

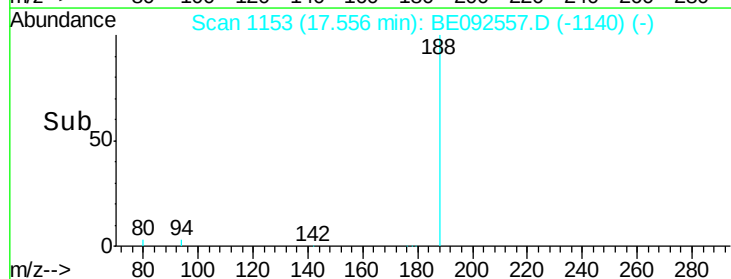
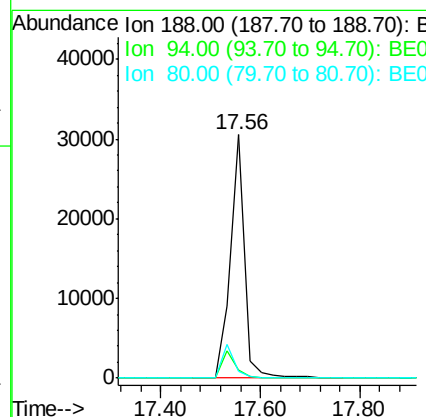
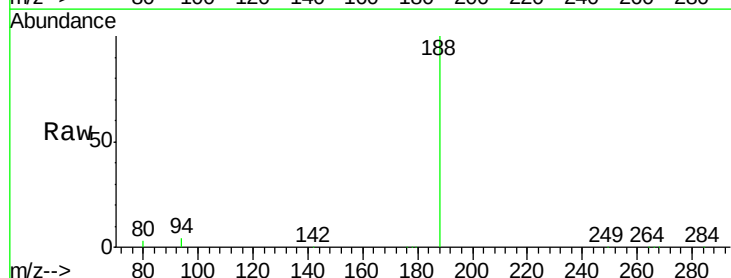
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

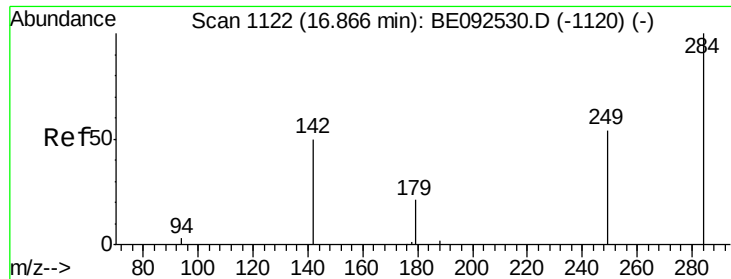
Tgt Ion:166 Resp: 3044
 Ion Ratio Lower Upper
 166 100
 165 99.4 78.2 117.4
 167 13.5 11.0 16.4



#18
Phenanthrene-d10
 Concen: 5.00 ng
 RT: 17.56 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: BE092557.D
 Acq: 17 Nov 2016 9:16

Tgt Ion:188 Resp: 59820
 Ion Ratio Lower Upper
 188 100
 94 3.6 3.2 4.8
 80 3.1 2.6 3.8

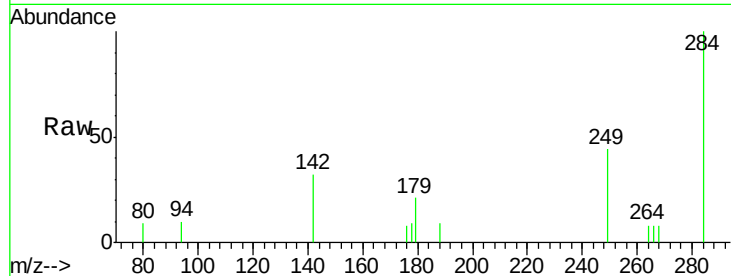




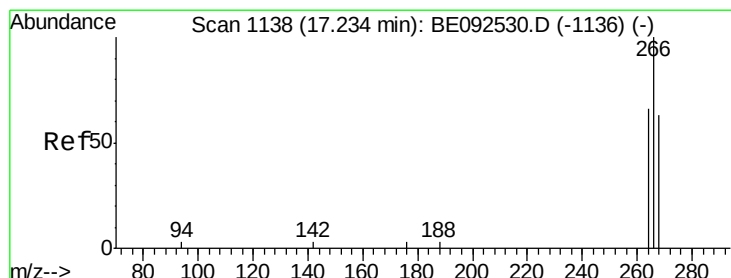
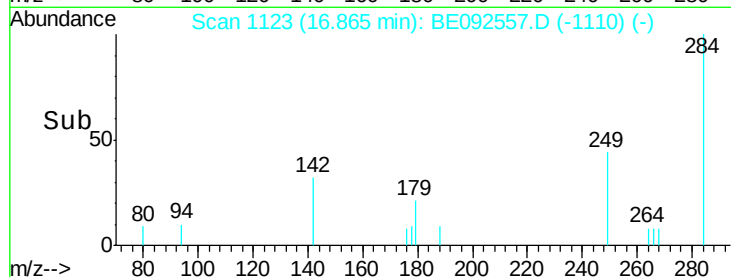
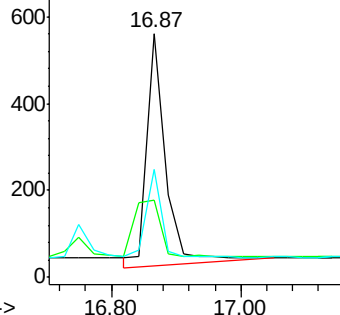
#19
Hexachlorobenzene
Concen: 0.47 ng
RT: 16.87 min Scan# 1123
Delta R.T. -0.00 min
Lab File: BE092557.D
Acq: 17 Nov 2016 9:16

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 284 Resp: 1113
Ion Ratio Lower Upper
284 100
142 45.7 29.1 43.7#
249 41.0 27.9 41.9

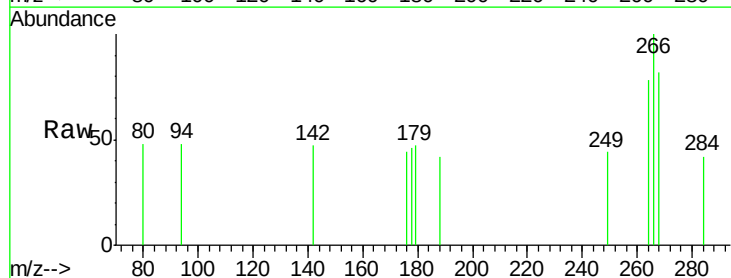


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

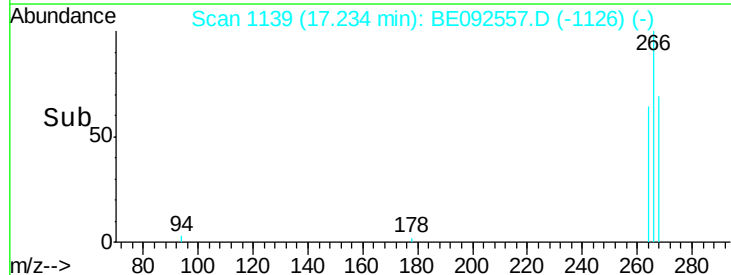
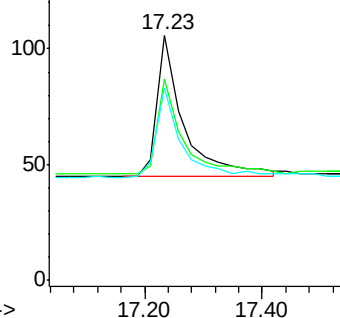


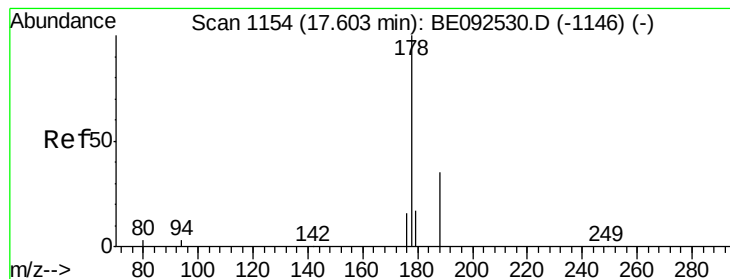
#20
Pentachlorophenol
Concen: 0.50 ng
RT: 17.23 min Scan# 1139
Delta R.T. -0.00 min
Lab File: BE092557.D
Acq: 17 Nov 2016 9:16

Tgt Ion: 266 Resp: 187
Ion Ratio Lower Upper
266 100
268 82.1 62.5 93.7
264 78.3 57.2 85.8



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





#21

Phenanthrene

Concen: 0.41 ng

RT: 17.58 min Scan# 1154

Delta R.T. -0.02 min

Lab File: BE092557.D

Acq: 17 Nov 2016 9:16

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

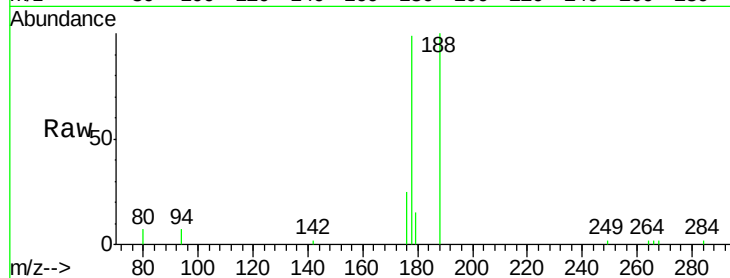
Tgt Ion:178 Resp: 5503

Ion Ratio Lower Upper

178 100

176 20.1 15.8 23.8

179 0.0 16.0 24.0#

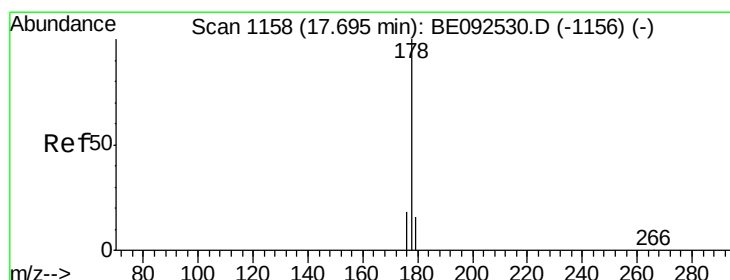
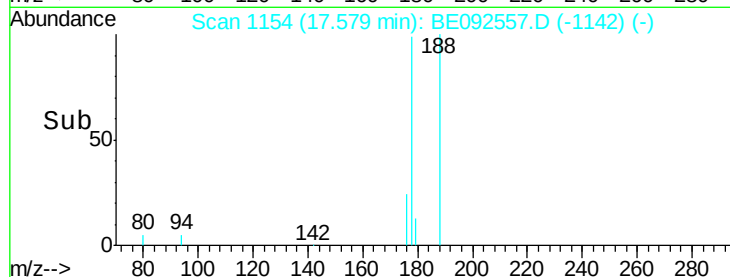
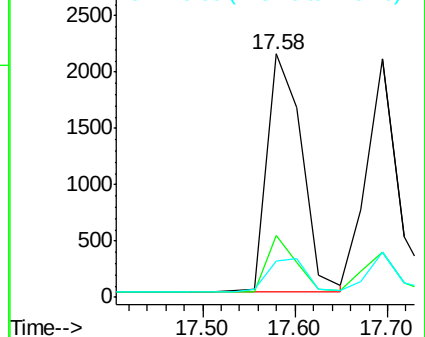


Abundance

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: 0.39 ng

RT: 17.69 min Scan# 1159

Delta R.T. -0.00 min

Lab File: BE092557.D

Acq: 17 Nov 2016 9:16

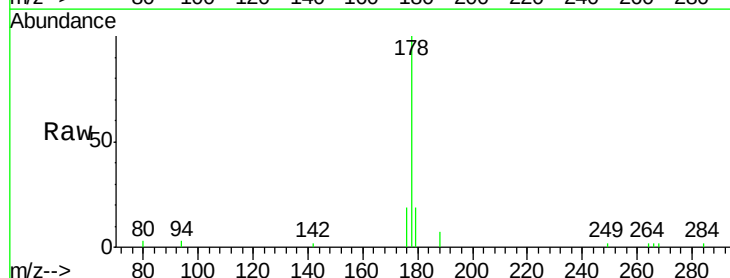
Tgt Ion:178 Resp: 4949

Ion Ratio Lower Upper

178 100

176 18.8 15.0 22.4

179 16.1 12.2 18.2

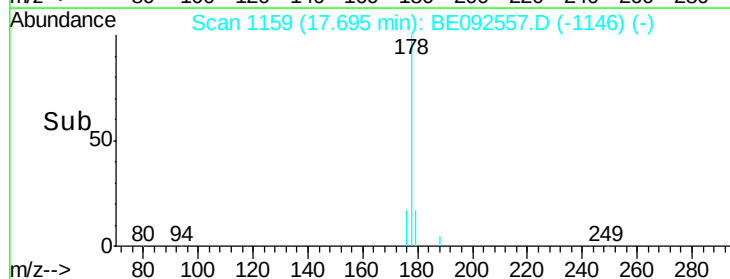
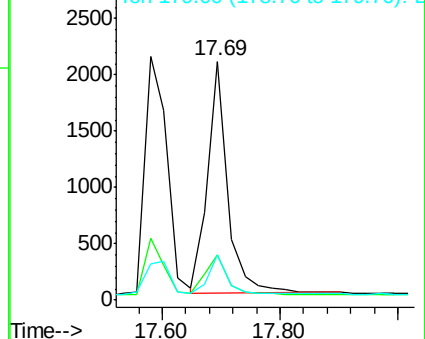


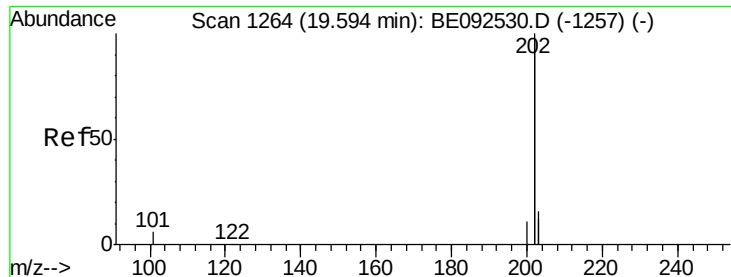
Abundance

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

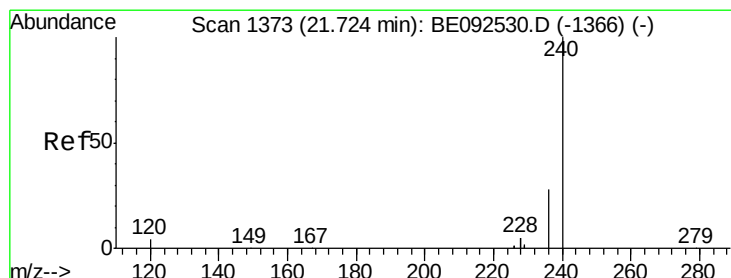
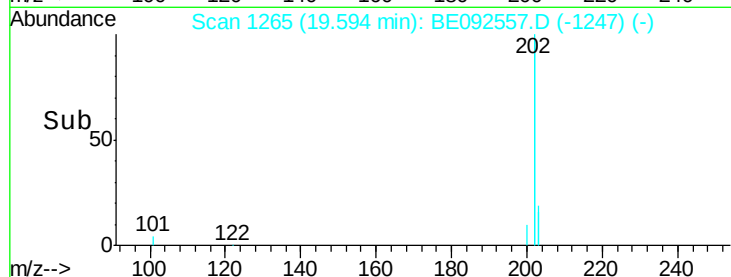
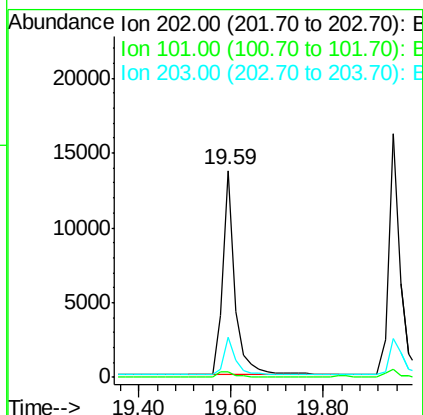
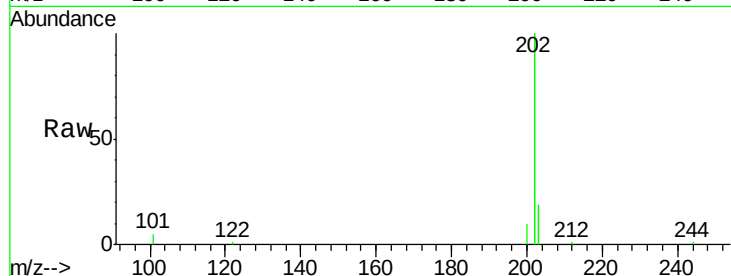




#23
 Fluoranthene
 Concen: 0.41 ng
 RT: 19.59 min Scan# 1265
 Delta R.T. -0.00 min
 Lab File: BE092557.D
 Acq: 17 Nov 2016 9:16

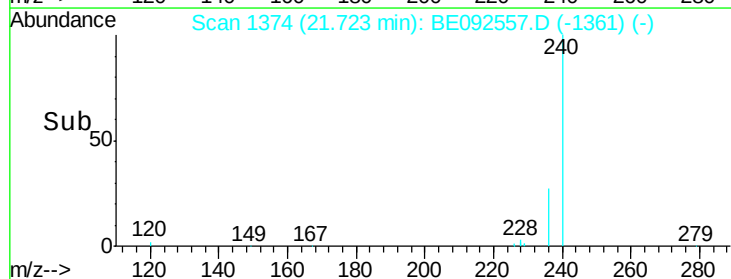
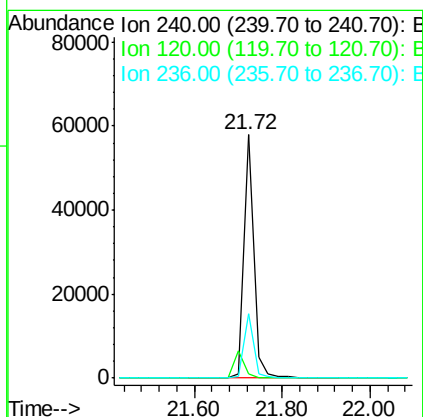
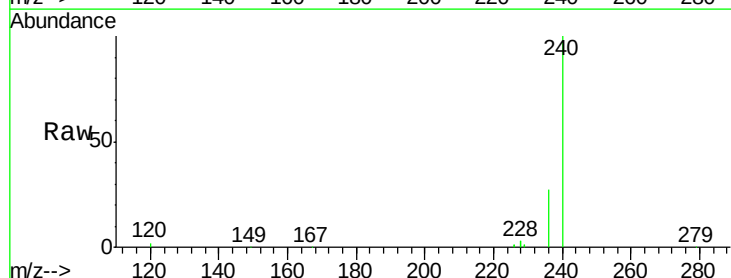
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

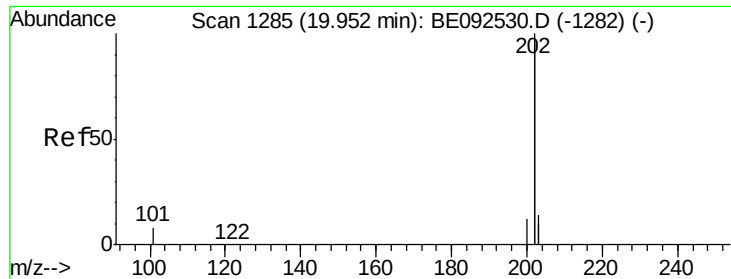
Tgt Ion: 202 Resp: 25584
 Ion Ratio Lower Upper
 202 100
 101 2.9 2.2 3.4
 203 17.8 13.7 20.5



#24
 Chrysene-d12
 Concen: 5.00 ng
 RT: 21.72 min Scan# 1374
 Delta R.T. -0.00 min
 Lab File: BE092557.D
 Acq: 17 Nov 2016 9:16

Tgt Ion: 240 Resp: 89932
 Ion Ratio Lower Upper
 240 100
 120 2.0 2.6 4.0#
 236 26.7 24.6 37.0

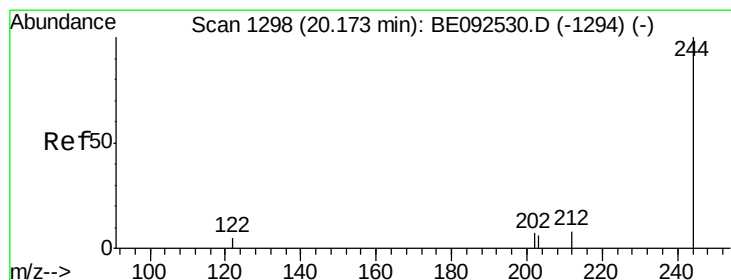
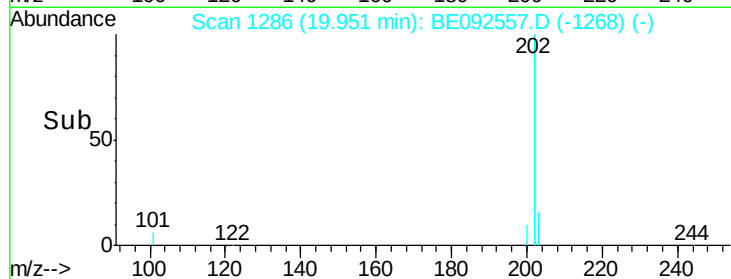
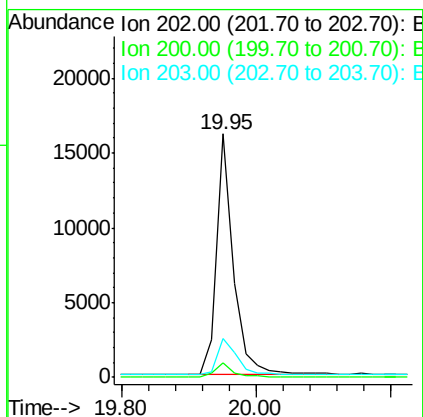
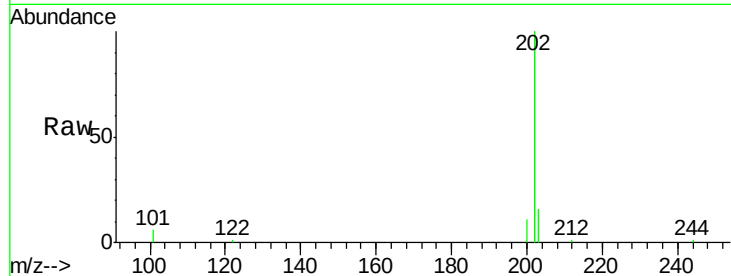




#25
 Pyrene
 Concen: 0.39 ng
 RT: 19.95 min Scan# 1286
 Delta R.T. -0.00 min
 Lab File: BE092557.D
 Acq: 17 Nov 2016 9:16

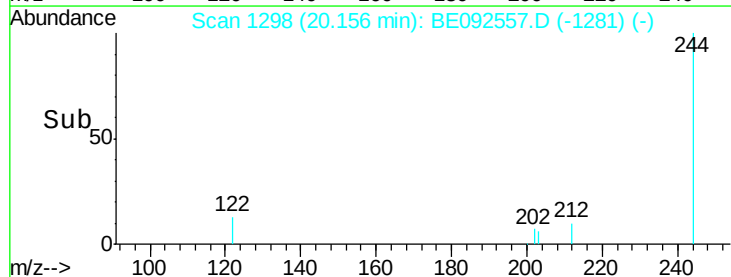
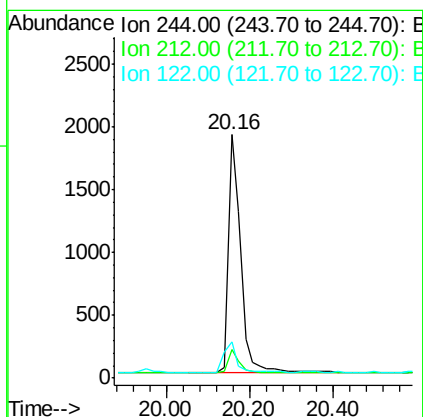
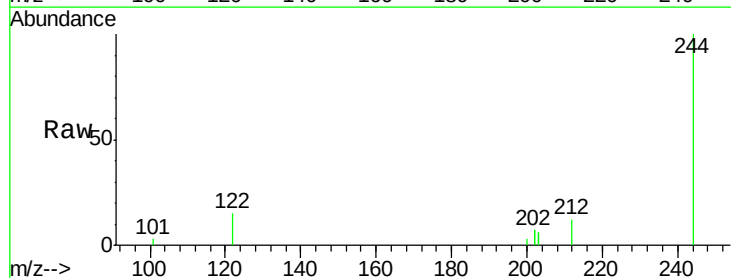
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

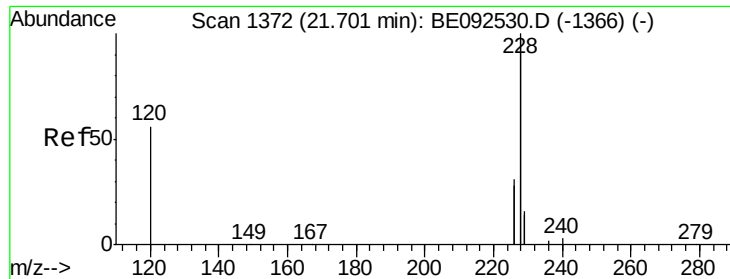
Tgt Ion: 202 Resp: 27617
 Ion Ratio Lower Upper
 202 100
 200 5.4 4.2 6.4
 203 17.2 13.9 20.9



#26
 Terphenyl-d14
 Concen: 0.38 ng
 RT: 20.16 min Scan# 1298
 Delta R.T. -0.02 min
 Lab File: BE092557.D
 Acq: 17 Nov 2016 9:16

Tgt Ion: 244 Resp: 3865
 Ion Ratio Lower Upper
 244 100
 212 11.8 6.7 10.1#
 122 14.9 3.6 5.4#





#27

Benzo(a)anthracene

Concen: 0.83 ng

RT: 21.70 min Scan# 1373

Delta R.T. -0.00 min

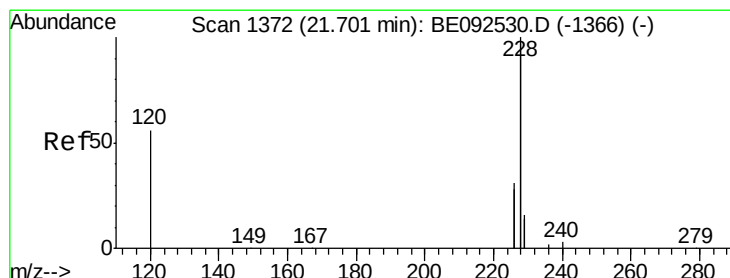
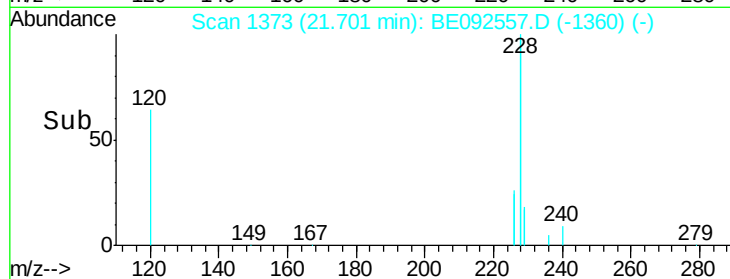
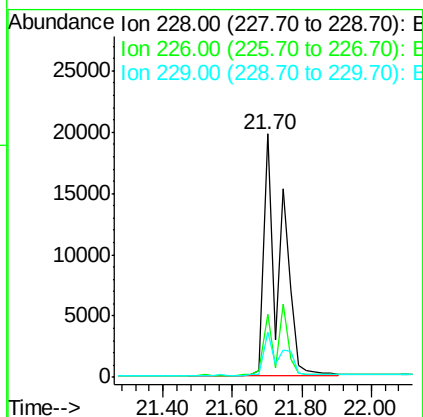
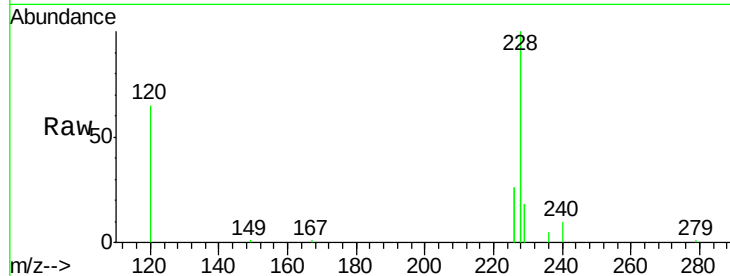
Lab File: BE092557.D

Acq: 17 Nov 2016 9:16

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 63601

Ion	Ratio	Lower	Upper
228	100		
226	25.8	23.6	35.4
229	18.5	13.3	19.9



#28

Chrysene

Concen: 0.84 ng

RT: 21.70 min Scan# 1373

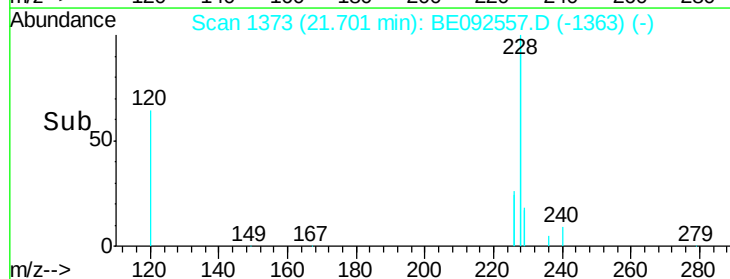
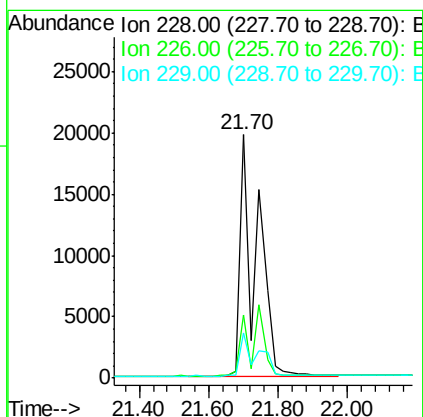
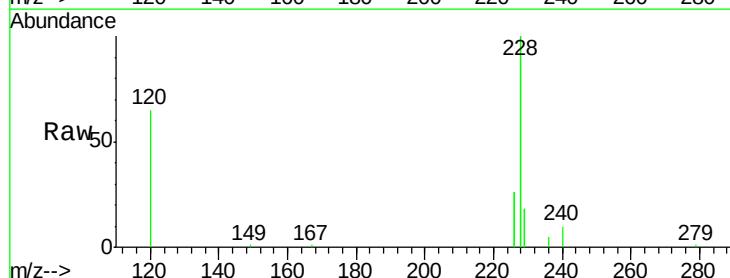
Delta R.T. -0.07 min

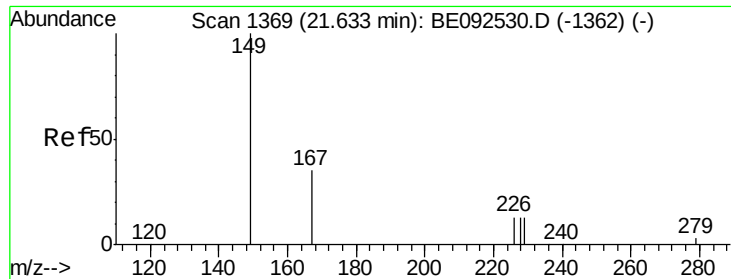
Lab File: BE092557.D

Acq: 17 Nov 2016 9:16

Tgt Ion:228 Resp: 63838

Ion	Ratio	Lower	Upper
228	100		
226	25.8	36.3	54.5#
229	18.5	10.6	16.0#





#29

Bis(2-ethylhexyl)phthalate

Concen: 0.53 ng

RT: 21.61 min Scan# 1369

Delta R.T. -0.02 min

Lab File: BE092557.D

Acq: 17 Nov 2016 9:16

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

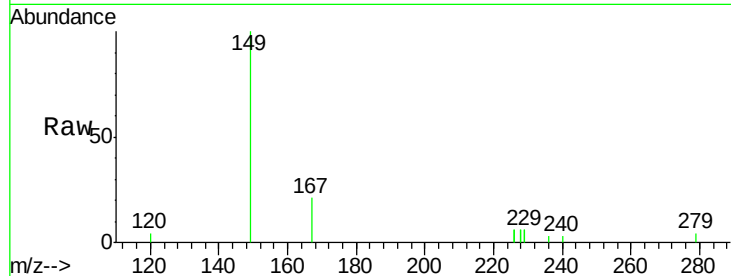
Tgt Ion:149 Resp: 2463

Ion Ratio Lower Upper

149 100

167 22.7 16.0 24.0

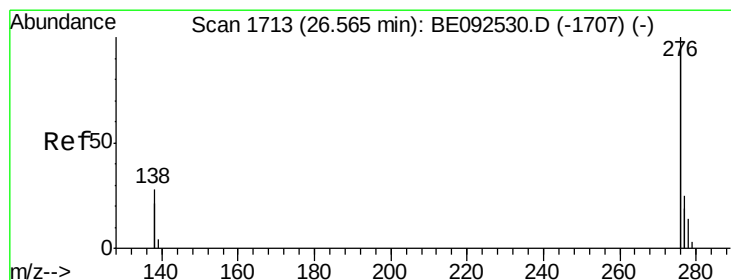
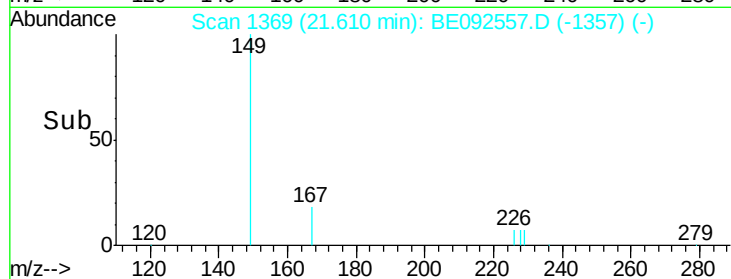
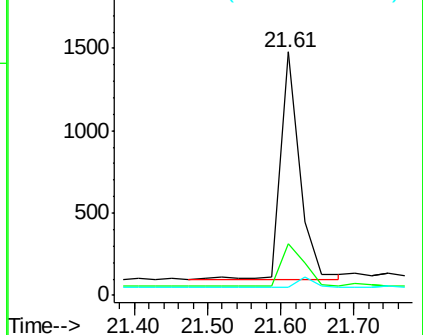
279 0.0 16.0 24.0#



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: 0.41 ng

RT: 26.57 min Scan# 1714

Delta R.T. 0.00 min

Lab File: BE092557.D

Acq: 17 Nov 2016 9:16

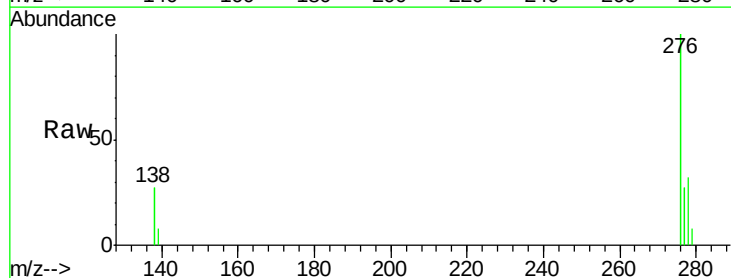
Tgt Ion:276 Resp: 30988

Ion Ratio Lower Upper

276 100

138 27.4 20.3 30.5

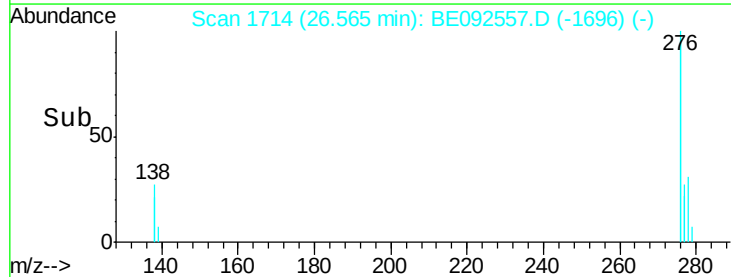
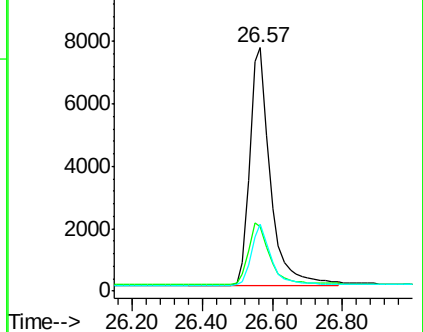
277 24.5 19.7 29.5

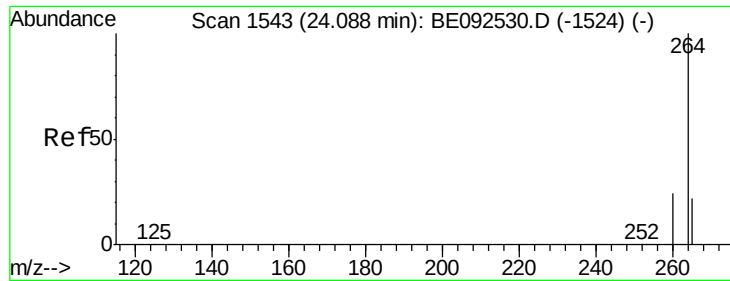


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

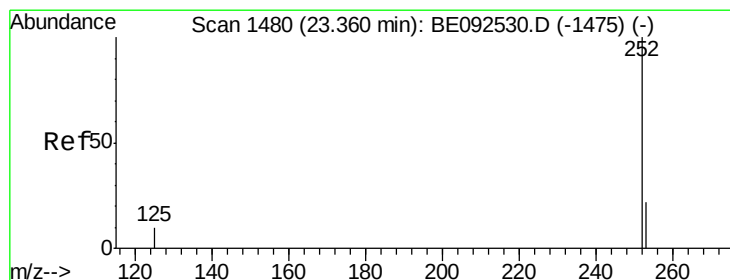
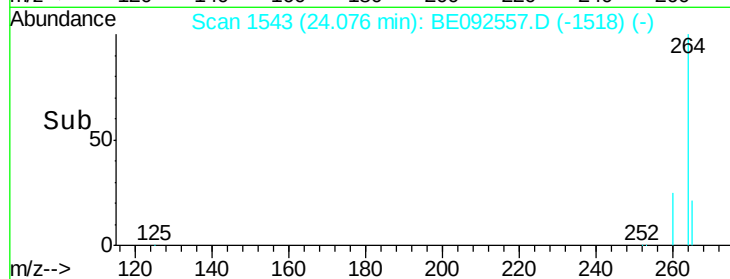
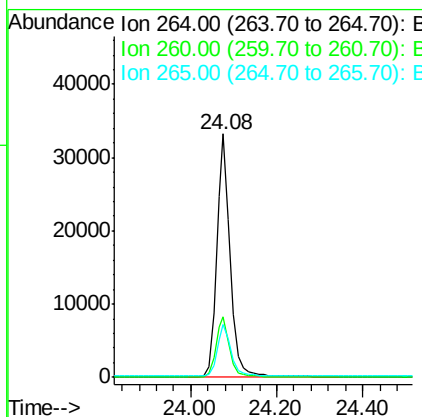
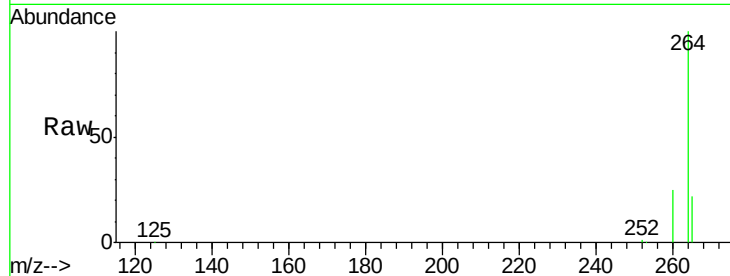




#31
Perylene-d12
 Concen: 5.00 ng
 RT: 24.08 min Scan# 1543
 Delta R.T. -0.01 min
 Lab File: BE092557.D
 Acq: 17 Nov 2016 9:16

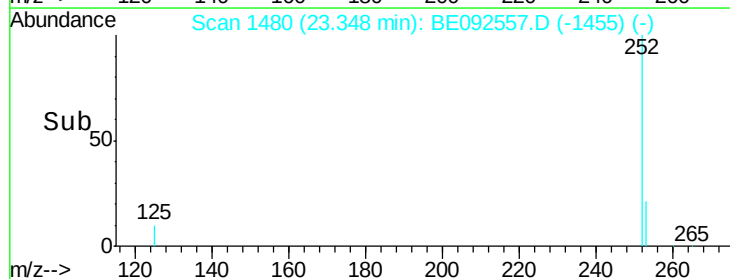
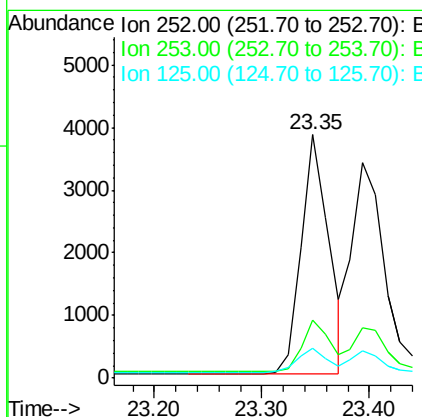
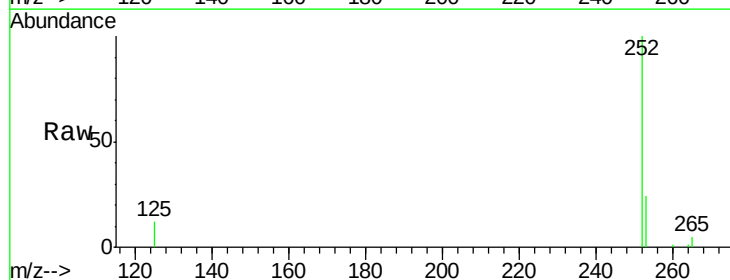
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

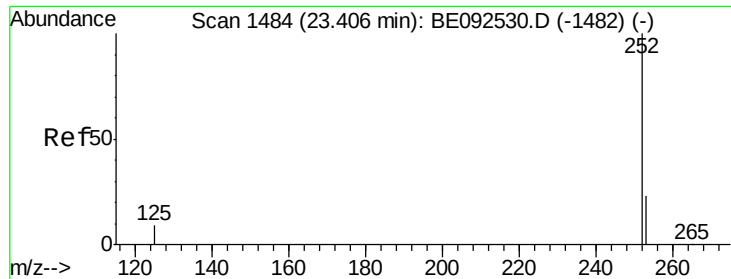
Tgt Ion: 264 Resp: 73771
 Ion Ratio Lower Upper
 264 100
 260 24.9 20.1 30.1
 265 21.9 17.9 26.9



#32
Benzo(b)fluoranthene
 Concen: 0.38 ng
 RT: 23.35 min Scan# 1480
 Delta R.T. -0.01 min
 Lab File: BE092557.D
 Acq: 17 Nov 2016 9:16

Tgt Ion: 252 Resp: 6835
 Ion Ratio Lower Upper
 252 100
 253 23.7 18.7 28.1
 125 12.2 10.5 15.7





#33

Benzo(k)fluoranthene

Concen: 0.40 ng

RT: 23.39 min Scan# 1484

Delta R.T. -0.01 min

Lab File: BE092557.D

Acq: 17 Nov 2016 9:16

Instrument :

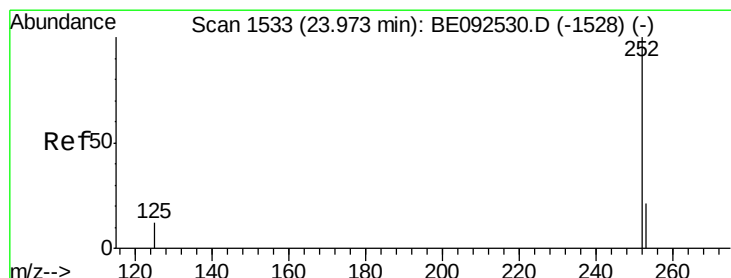
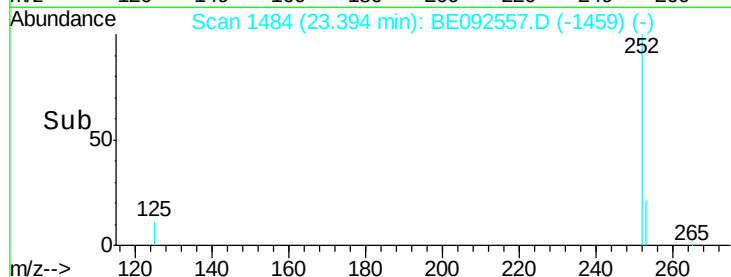
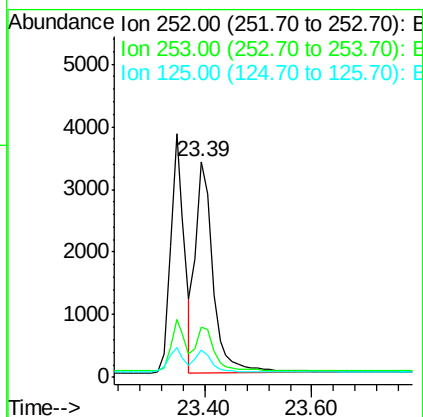
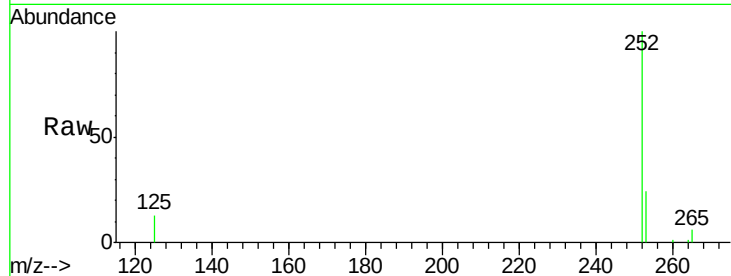
BNA_E

ClientSampleId :

SSTDCCC0.4

Tgt Ion:252 Resp: 7497

Ion	Ratio	Lower	Upper
252	100		
253	23.6	20.3	30.5
125	12.8	9.6	14.4



#34

Benzo(a)pyrene

Concen: 0.39 ng

RT: 23.96 min Scan# 1533

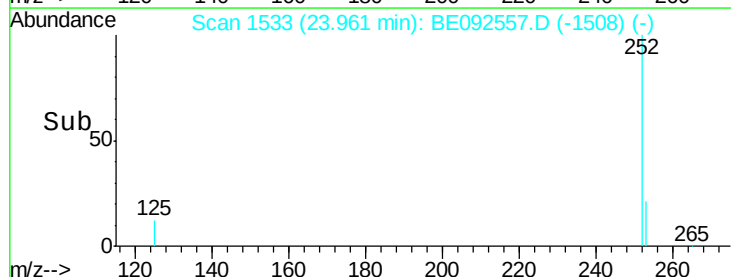
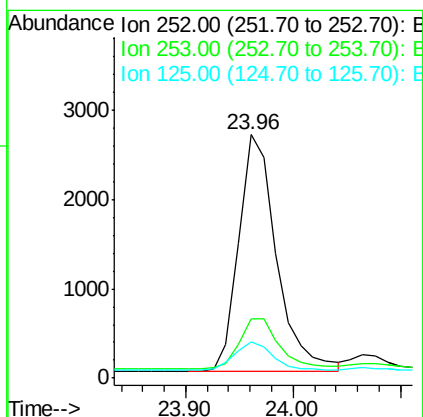
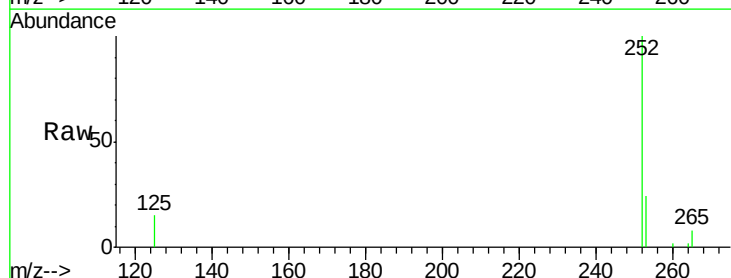
Delta R.T. -0.01 min

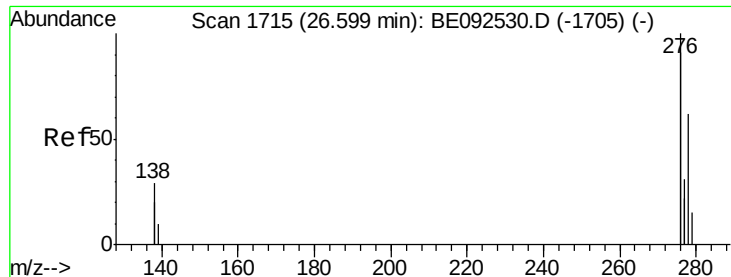
Lab File: BE092557.D

Acq: 17 Nov 2016 9:16

Tgt Ion:252 Resp: 6456

Ion	Ratio	Lower	Upper
252	100		
253	24.3	19.0	28.6
125	15.0	11.8	17.8





#35

Dibenzo(a,h)anthracene

Concen: 0.38 ng

RT: 26.58 min Scan# 1715

Delta R.T. -0.02 min

Lab File: BE092557.D

Acq: 17 Nov 2016 9:16

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

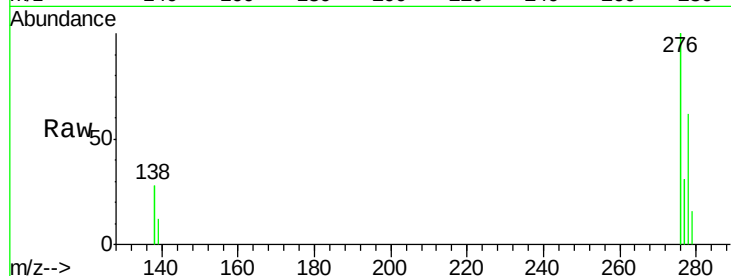
Tgt Ion: 278 Resp: 6261

Ion Ratio Lower Upper

278 100

139 19.4 13.8 20.8

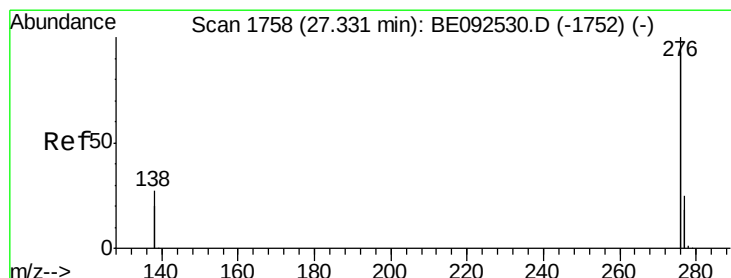
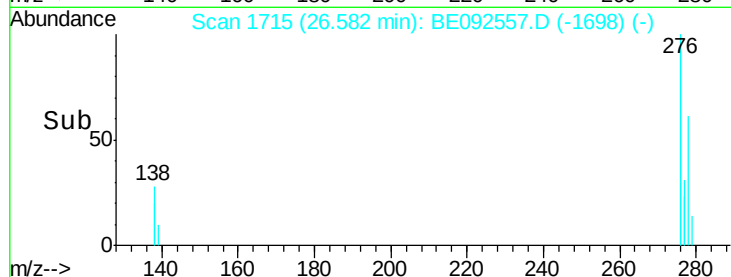
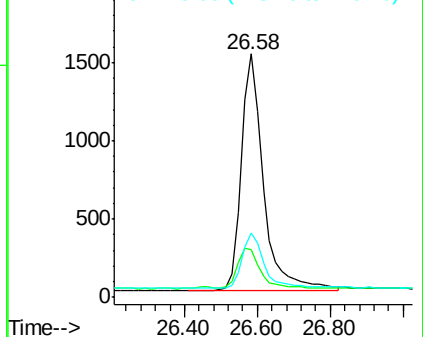
279 26.4 21.4 32.2



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: 0.39 ng

RT: 27.31 min Scan# 1758

Delta R.T. -0.02 min

Lab File: BE092557.D

Acq: 17 Nov 2016 9:16

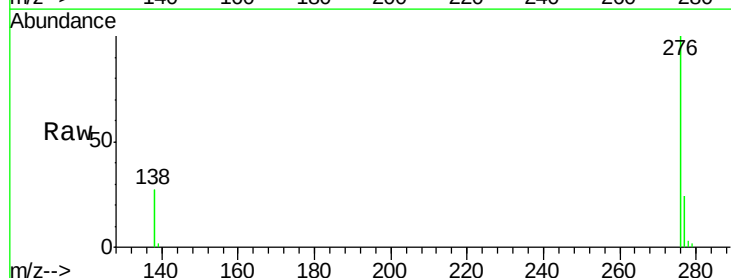
Tgt Ion: 276 Resp: 26869

Ion Ratio Lower Upper

276 100

277 24.4 19.8 29.8

138 27.5 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

