

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE090216\
 Data File : BE092354.D
 Acq On : 2 Sep 2016 21:44
 Operator : UM/SJ
 Sample : SSTDCCC0.4EC
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Sep 02 23:47:28 2016
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE090216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 02 19:34:51 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.19	152	7051	5.00	ng	0.00
7) Naphthalene-d8	10.95	136	34224	5.00	ng	0.00
12) Acenaphthene-d10	14.82	164	21272	5.00	ng	0.00
18) Phenanthrene-d10	17.58	188	50510	5.00	ng	0.02
24) Chrysene-d12	21.75	240	76142	5.00	ng	0.00
31) Perylene-d12	24.11	264	68236	5.00	ng	0.02

System Monitoring Compounds						
4) 2-Fluorophenol	5.69	112	570	0.34	ng	0.00
5) Phenol-d6	7.36	99	698	0.31	ng	0.00
8) Nitrobenzene-d5	9.36	82	774	0.31	ng	0.00
13) 2,4,6-Tribromophenol	16.32	330	219	0.33	ng	0.00
14) 2-Fluorobiphenyl	13.46	172	2421	0.37	ng	0.01
26) Terphenyl-d14	20.19	244	3589	0.32	ng	0.02

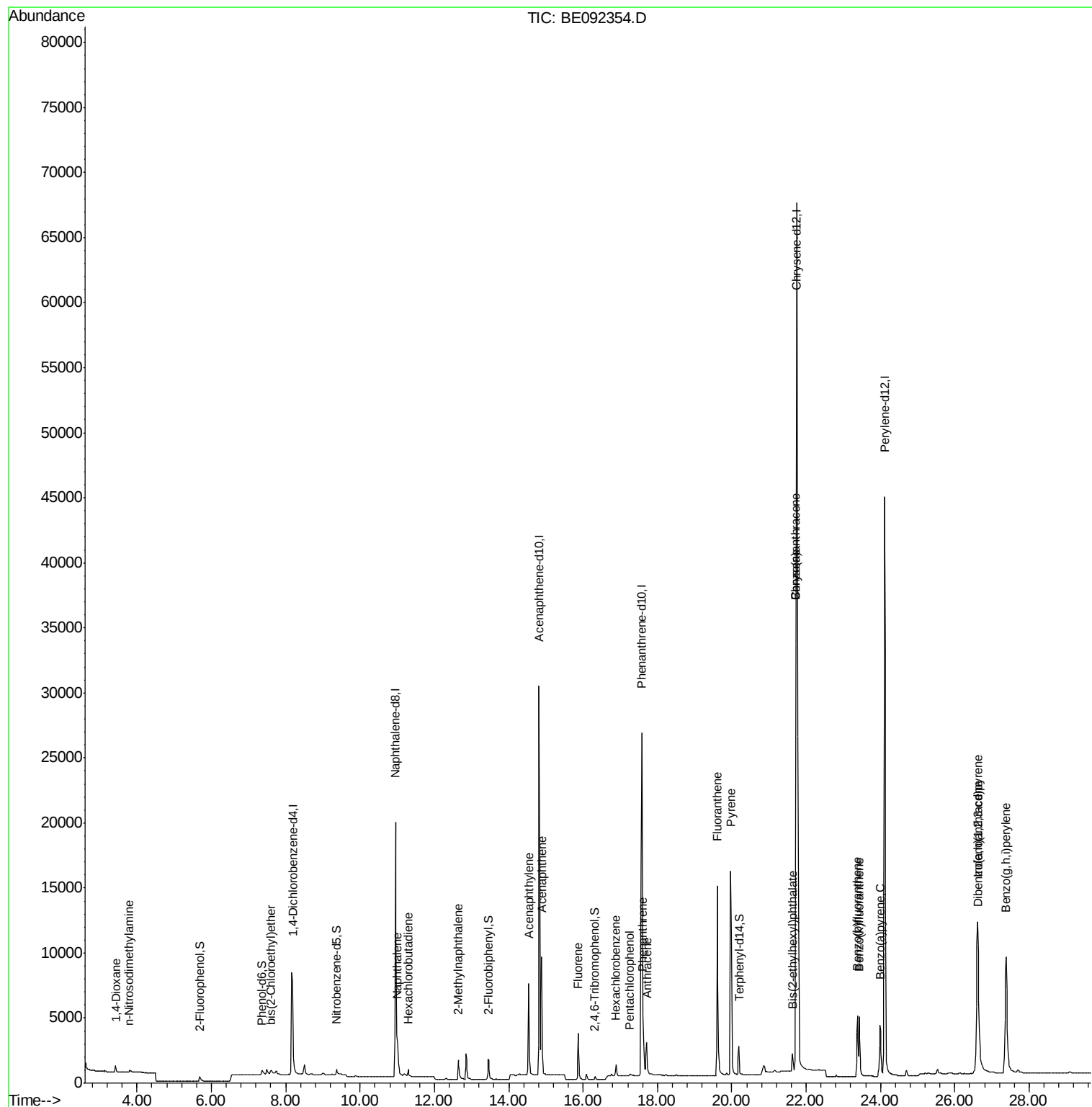
Target Compounds						Qvalue
2) 1,4-Dioxane	3.42	88	395	0.37	ng	97
3) n-Nitrosodimethylamine	3.79	42	333	0.37	ng	# 97
6) bis(2-Chloroethyl)ether	7.61	93	609	0.35	ng	# 27
9) Naphthalene	11.01	128	2894	0.38	ng	98
10) Hexachlorobutadiene	11.30	225	469	0.39	ng	99
11) 2-Methylnaphthalene	12.65	142	1827	0.36	ng	96
15) Acenaphthylene	14.54	152	13501	0.37	ng	100
16) Acenaphthene	14.88	154	2245	0.38	ng	99
17) Fluorene	15.87	166	2734	0.37	ng	99
19) Hexachlorobenzene	16.89	284	886	0.37	ng	# 66
20) Pentachlorophenol	17.26	266	158	0.36	ng	96
21) Phenanthrene	17.60	178	5128	0.36	ng	# 95
22) Anthracene	17.72	178	4347	0.34	ng	99
23) Fluoranthene	19.61	202	22739	0.37	ng	99
25) Pyrene	19.97	202	25003	0.34	ng	100
27) Benzo(a)anthracene	21.72	228	56993	0.69	ng	94
28) Chrysene	21.72	228	57466	0.66	ng	# 74
29) Bis(2-ethylhexyl)phthalate	21.63	149	2216	0.23	ng	# 73
30) Indeno(1,2,3-cd)pyrene	26.61	276	28681	0.33	ng	97
32) Benzo(b)fluoranthene	23.38	252	6924	0.40	ng	99
33) Benzo(k)fluoranthene	23.43	252	6817	0.37	ng	98
34) Benzo(a)pyrene	24.00	252	6632	0.38	ng	# 92
35) Dibenzo(a,h)anthracene	26.63	278	5776	0.36	ng	97
36) Benzo(g,h,i)perylene	27.38	276	24670	0.37	ng	98

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

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.19 min Scan# 577

Delta R.T. -0.00 min

Lab File: BE092354.D

Acq: 2 Sep 2016 21:44

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

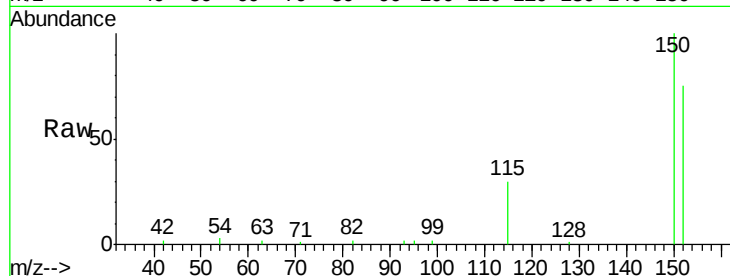
Tgt Ion:152 Resp: 7051

Ion Ratio Lower Upper

152 100

150 132.9 106.0 159.0

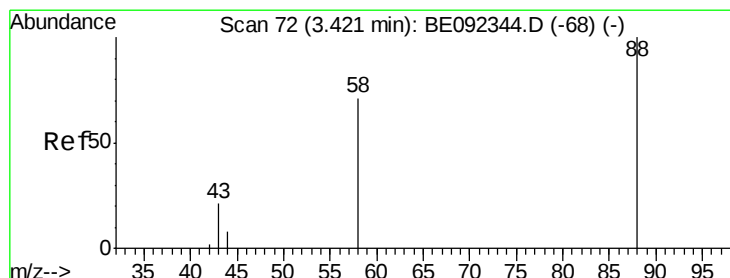
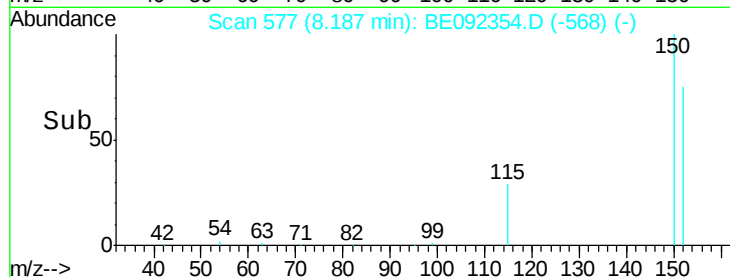
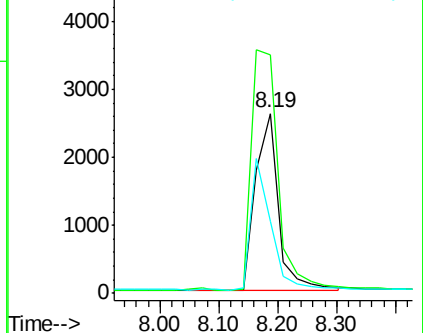
115 40.1 31.2 46.8



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: 0.37 ng

RT: 3.42 min Scan# 72

Delta R.T. 0.00 min

Lab File: BE092354.D

Acq: 2 Sep 2016 21:44

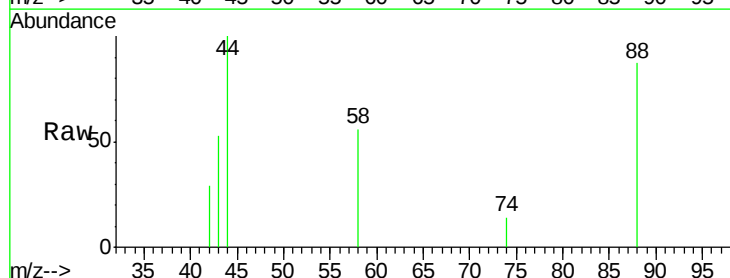
Tgt Ion: 88 Resp: 395

Ion Ratio Lower Upper

88 100

58 83.0 63.6 95.4

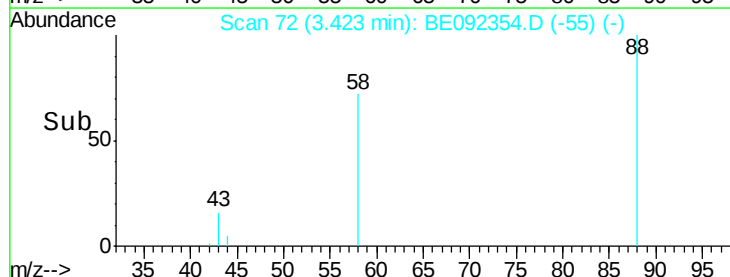
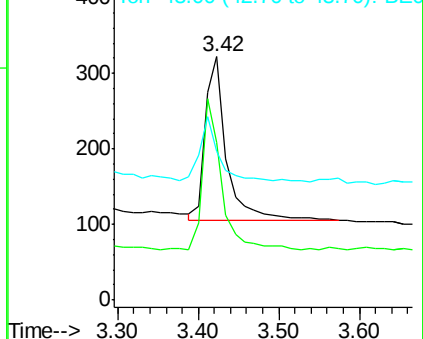
43 35.2 28.0 42.0

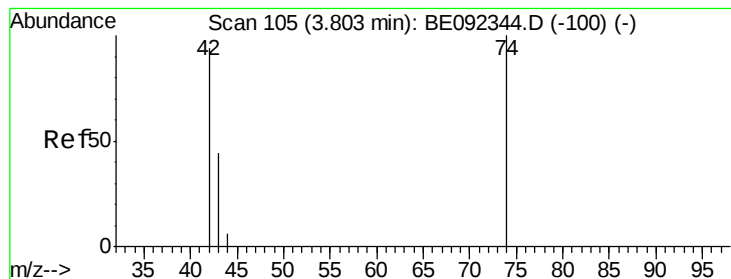


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.37 ng

RT: 3.79 min Scan# 104

Delta R.T. -0.01 min

Lab File: BE092354.D

Acq: 2 Sep 2016 21:44

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

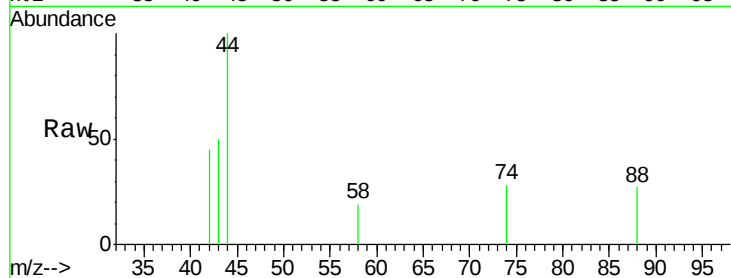
Tgt Ion: 42 Resp: 333

Ion Ratio Lower Upper

42 100

74 109.3 86.0 129.0

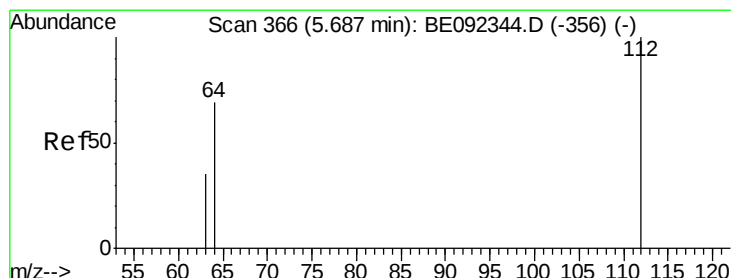
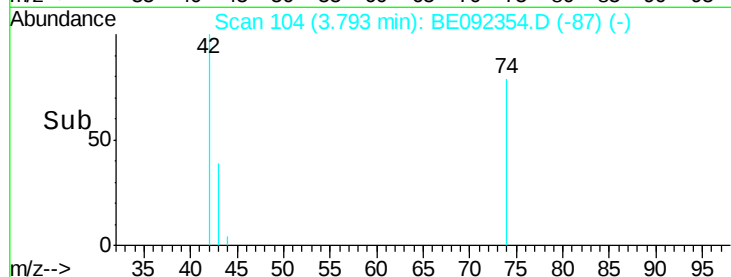
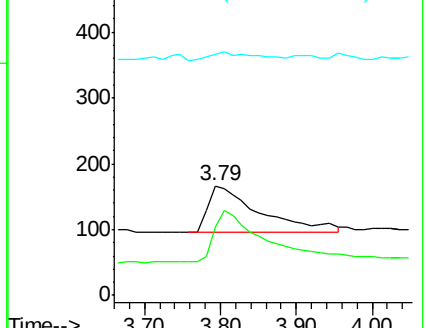
44 16.2 5.1 7.7#



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: 0.34 ng

RT: 5.69 min Scan# 366

Delta R.T. 0.00 min

Lab File: BE092354.D

Acq: 2 Sep 2016 21:44

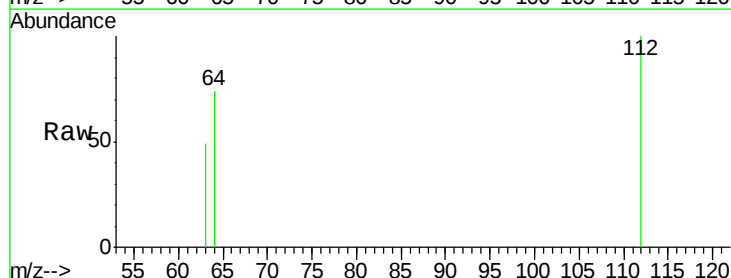
Tgt Ion: 112 Resp: 570

Ion Ratio Lower Upper

112 100

64 69.6 53.5 80.3

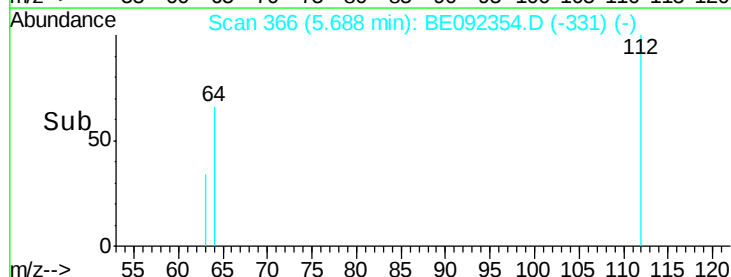
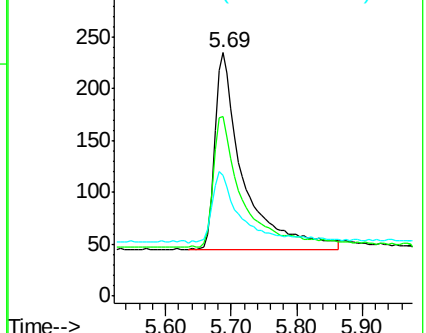
63 38.4 27.9 41.9

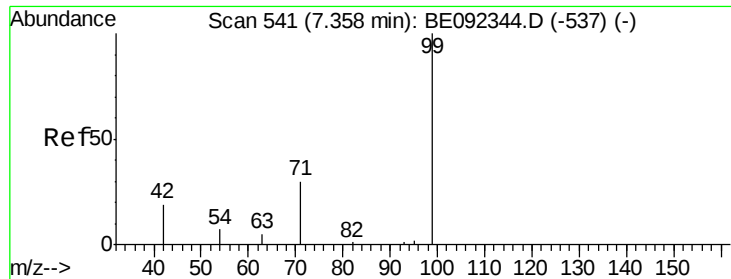


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.31 ng

RT: 7.36 min Scan# 541

Delta R.T. -0.00 min

Lab File: BE092354.D

Acq: 2 Sep 2016 21:44

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

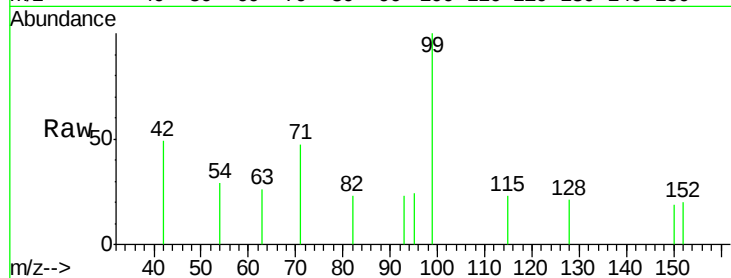
Tgt Ion: 99 Resp: 698

Ion Ratio Lower Upper

99 100

42 24.5 16.0 24.0#

71 34.8 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

7.36

250

200

150

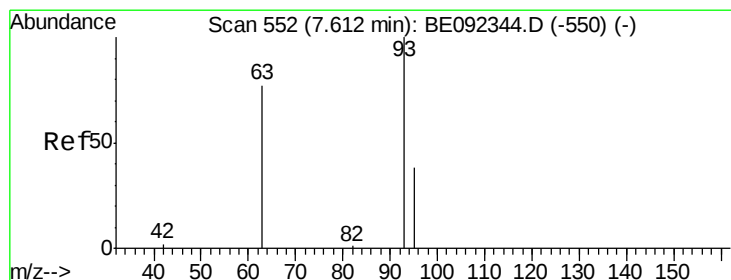
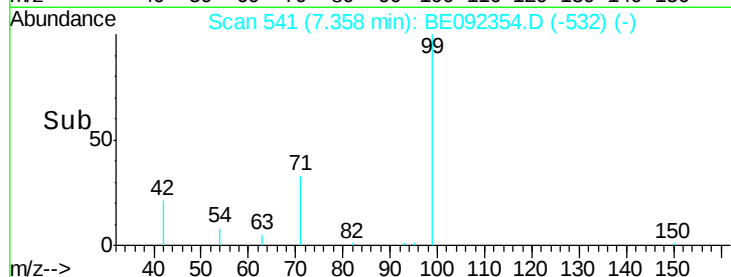
100

50

0

7.20 7.30 7.40 7.50

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.35 ng

RT: 7.61 min Scan# 552

Delta R.T. 0.00 min

Lab File: BE092354.D

Acq: 2 Sep 2016 21:44

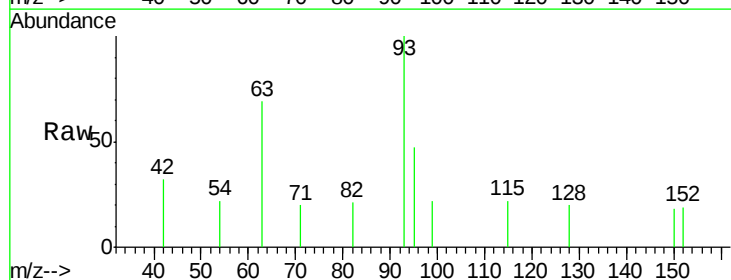
Tgt Ion: 93 Resp: 609

Ion Ratio Lower Upper

93 100

63 0.0 71.6 107.4#

95 34.0 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

500

400

300

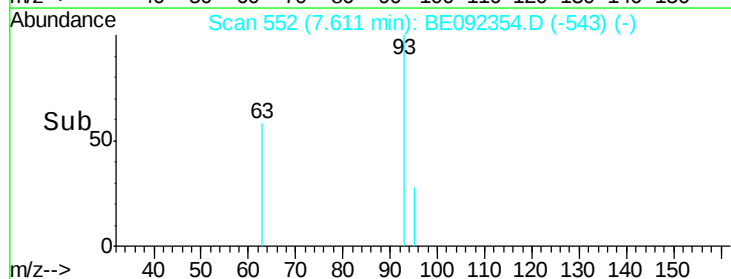
200

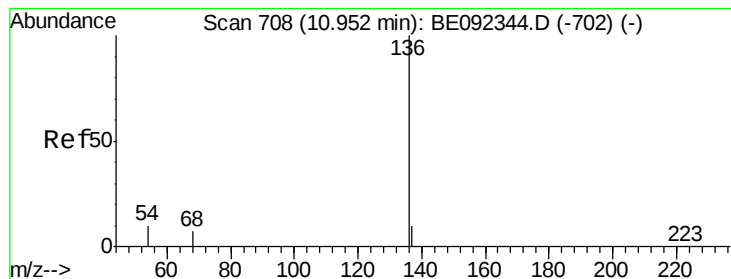
100

0

7.50 7.60 7.70

Time-->





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.95 min Scan# 708

Delta R.T. -0.00 min

Lab File: BE092354.D

Acq: 2 Sep 2016 21:44

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tgt Ion: 136 Resp: 34224

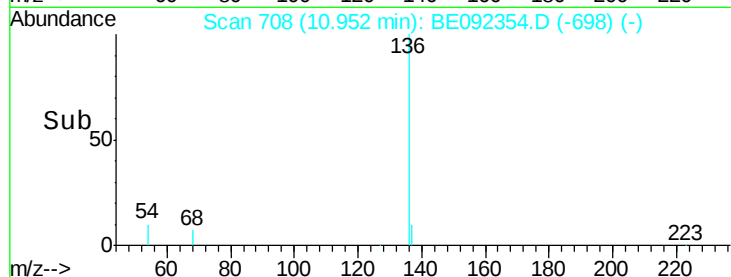
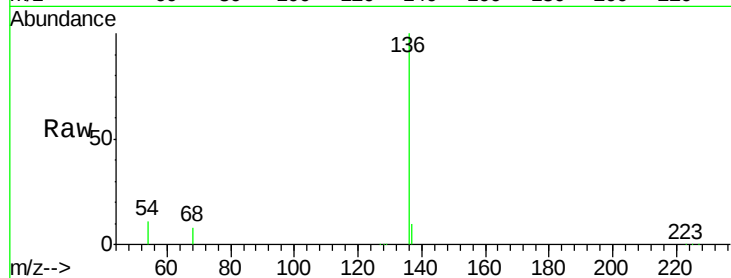
Ion Ratio Lower Upper

136 100

137 10.3 8.2 12.4

54 10.6 9.6 14.4

68 7.6 6.7 10.1

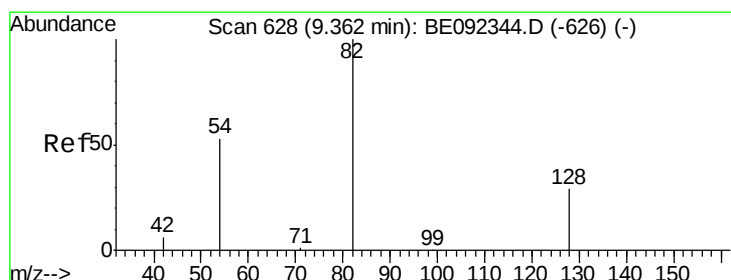
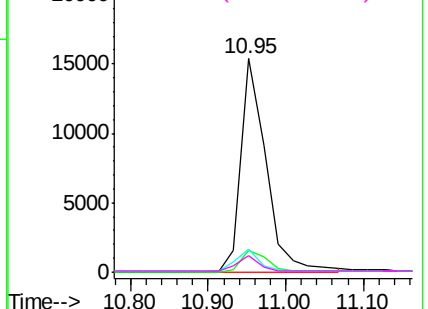


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.31 ng

RT: 9.36 min Scan# 628

Delta R.T. -0.00 min

Lab File: BE092354.D

Acq: 2 Sep 2016 21:44

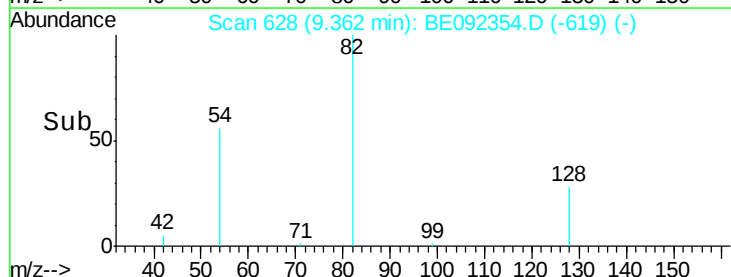
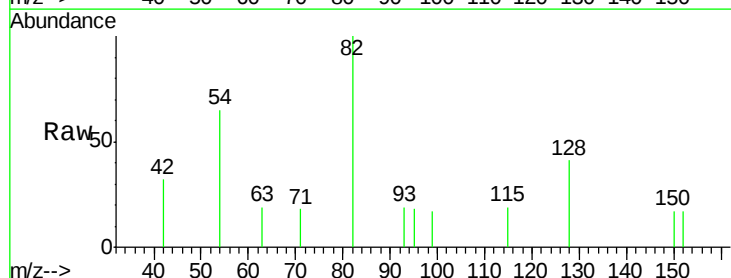
Tgt Ion: 82 Resp: 774

Ion Ratio Lower Upper

82 100

128 40.6 39.0 58.4

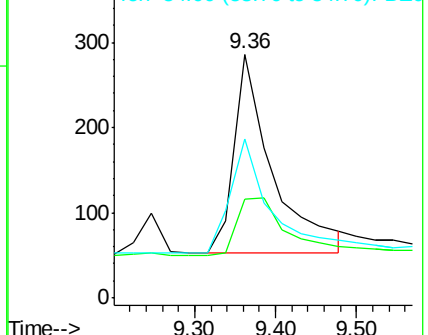
54 65.0 44.8 67.2



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

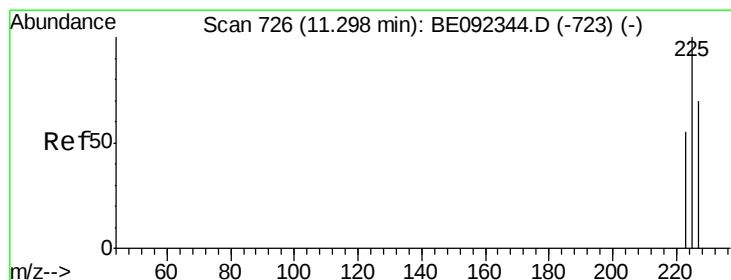
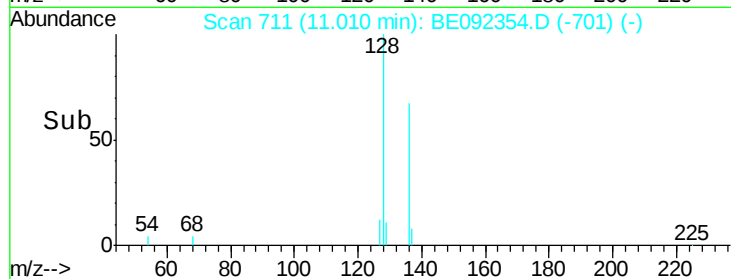
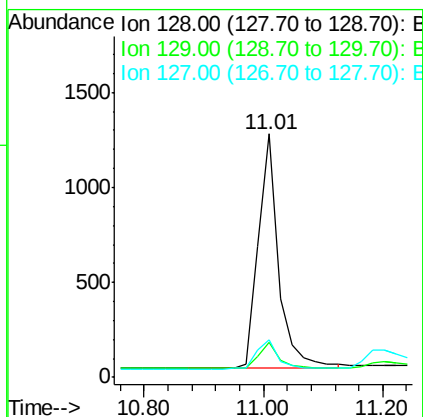
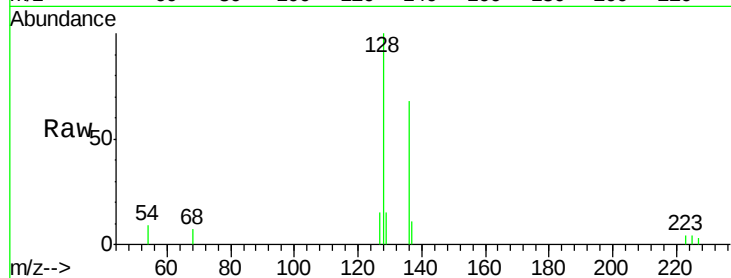




#9
Naphthalene
Concen: 0.38 ng
RT: 11.01 min Scan# 711
Delta R.T. -0.00 min
Lab File: BE092354.D
Acq: 2 Sep 2016 21:44

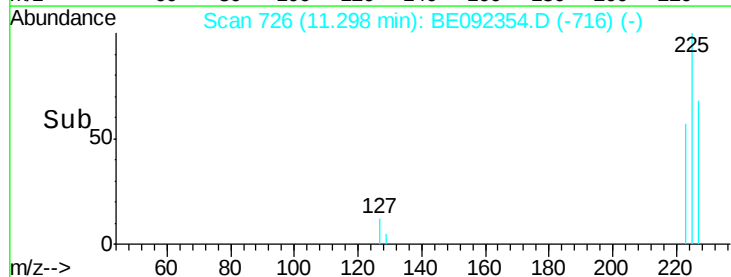
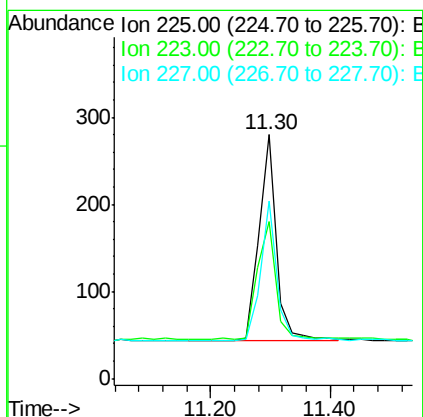
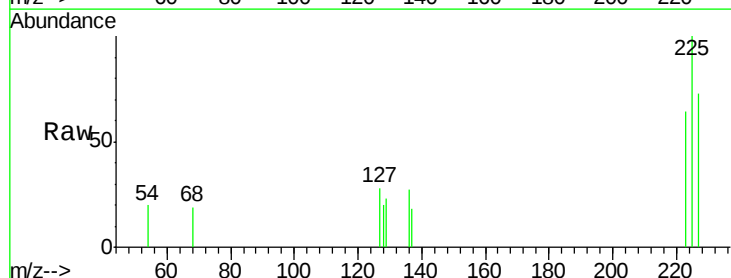
Instrument :
BNA_E
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SSTDCCC0.4EC

Tgt Ion:128 Resp: 2894
Ion Ratio Lower Upper
128 100
129 14.6 11.2 16.8
127 15.2 11.6 17.4



#10
Hexachlorobutadiene
Concen: 0.39 ng
RT: 11.30 min Scan# 726
Delta R.T. -0.00 min
Lab File: BE092354.D
Acq: 2 Sep 2016 21:44

Tgt Ion:225 Resp: 469
Ion Ratio Lower Upper
225 100
223 62.0 50.6 76.0
227 64.0 51.4 77.0





#11

2-Methylnaphthalene

Concen: 0.36 ng

RT: 12.65 min Scan# 816

Delta R.T. -0.00 min

Lab File: BE092354.D

Acq: 2 Sep 2016 21:44

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

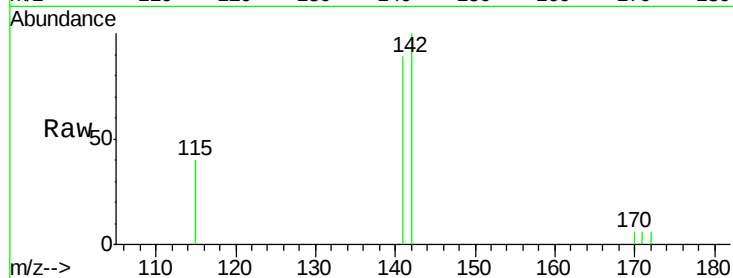
Tgt Ion:142 Resp: 1827

Ion Ratio Lower Upper

142 100

141 88.5 73.7 110.5

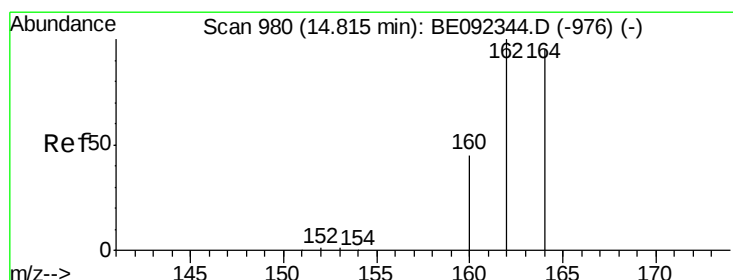
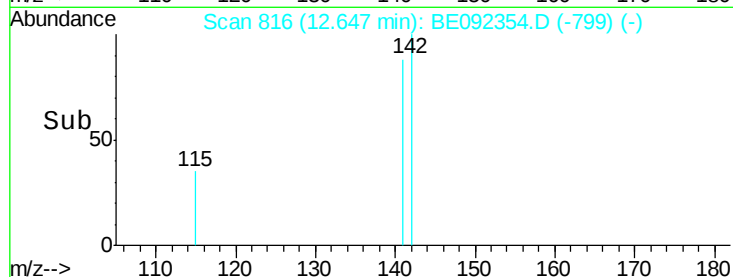
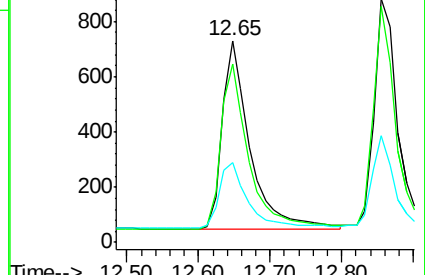
115 39.8 34.0 51.0



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: 14.82 min Scan# 980

Delta R.T. 0.00 min

Lab File: BE092354.D

Acq: 2 Sep 2016 21:44

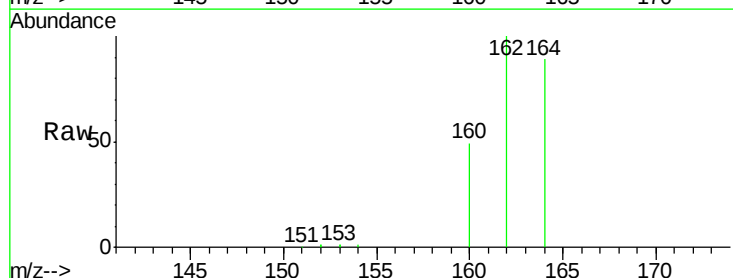
Tgt Ion:164 Resp: 21272

Ion Ratio Lower Upper

164 100

162 112.2 71.4 107.0#

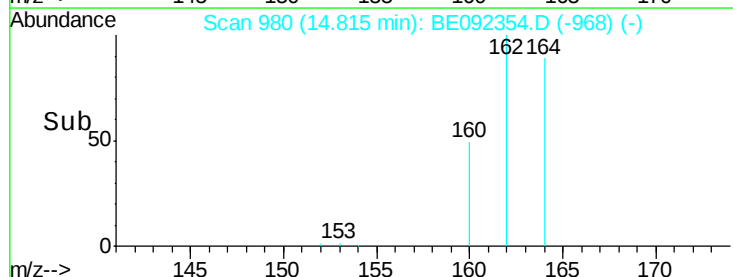
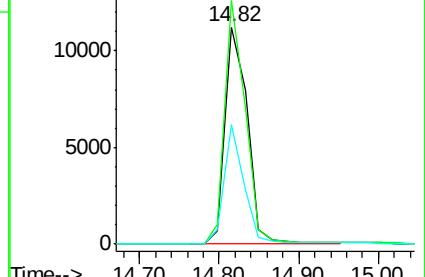
160 55.0 27.4 41.2#

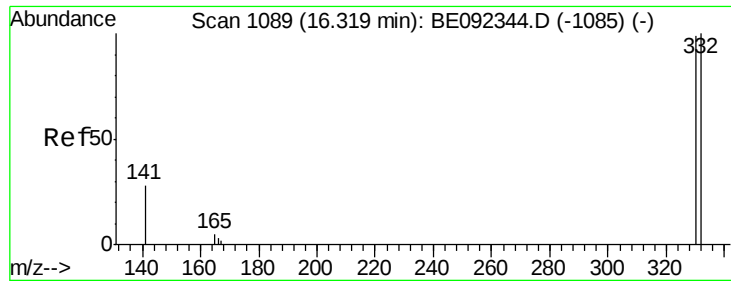


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

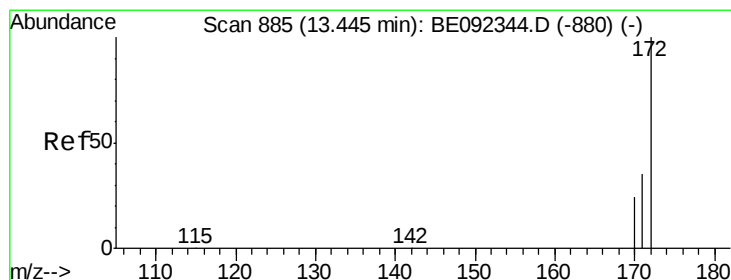
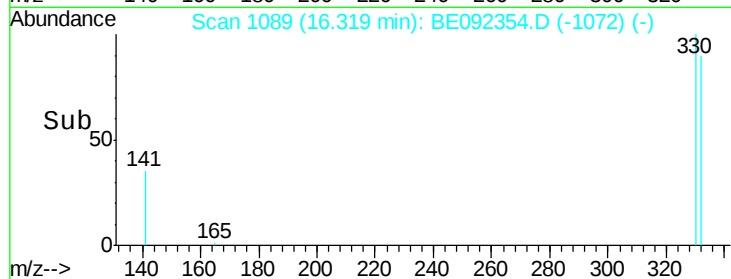
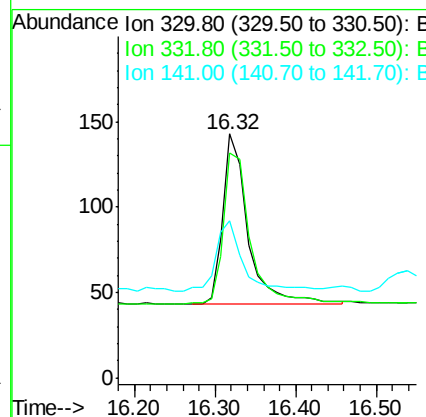
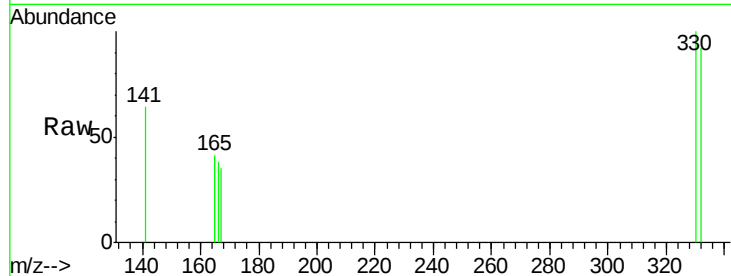




#13
 2,4,6-Tribromophenol
 Concen: 0.33 ng
 RT: 16.32 min Scan# 1089
 Delta R.T. 0.00 min
 Lab File: BE092354.D
 Acq: 2 Sep 2016 21:44

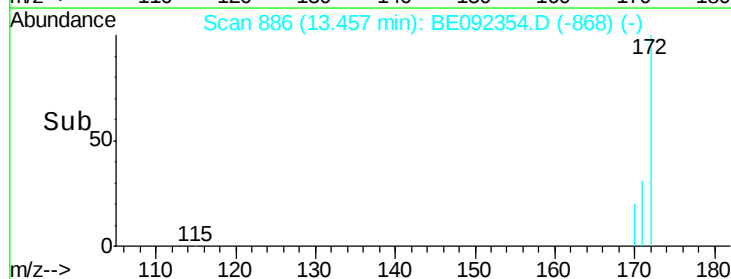
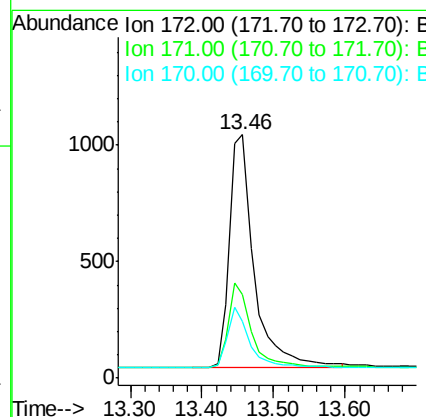
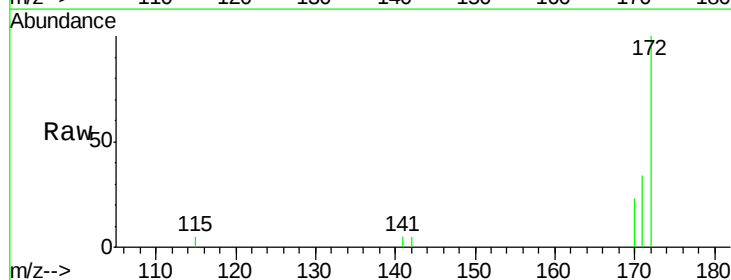
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

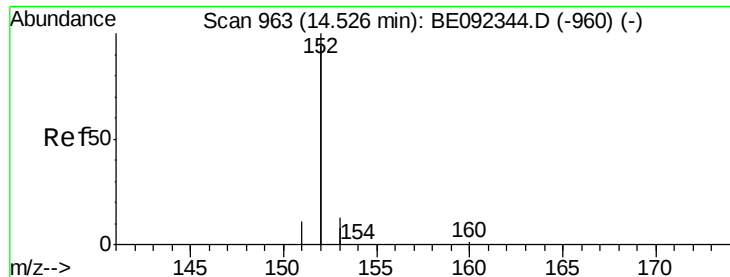
Tgt Ion: 330 Resp: 219
 Ion Ratio Lower Upper
 330 100
 332 95.4 75.4 113.0
 141 42.9 31.0 46.6



#14
 2-Fluorobiphenyl
 Concen: 0.37 ng
 RT: 13.46 min Scan# 886
 Delta R.T. 0.01 min
 Lab File: BE092354.D
 Acq: 2 Sep 2016 21:44

Tgt Ion: 172 Resp: 2421
 Ion Ratio Lower Upper
 172 100
 171 34.2 30.1 45.1
 170 23.4 21.8 32.6





#15

Acenaphthylene

Concen: 0.37 ng

RT: 14.54 min Scan# 964

Delta R.T. 0.02 min

Lab File: BE092354.D

Acq: 2 Sep 2016 21:44

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

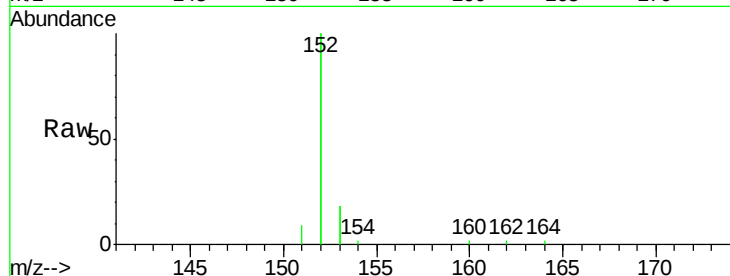
Tgt Ion:152 Resp: 13501

Ion Ratio Lower Upper

152 100

151 4.8 3.9 5.9

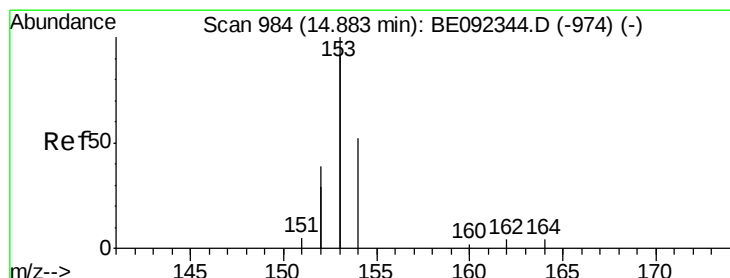
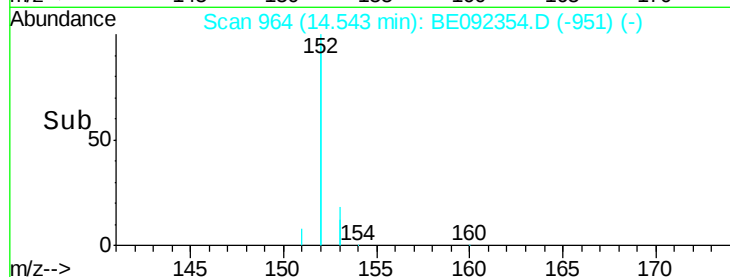
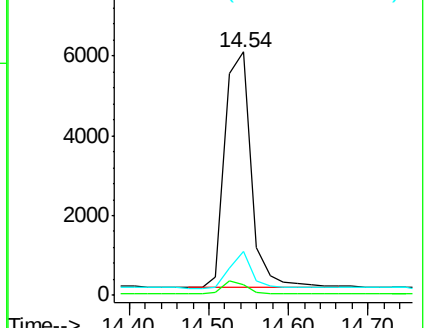
153 12.9 10.4 15.6



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: 0.38 ng

RT: 14.88 min Scan# 984

Delta R.T. 0.00 min

Lab File: BE092354.D

Acq: 2 Sep 2016 21:44

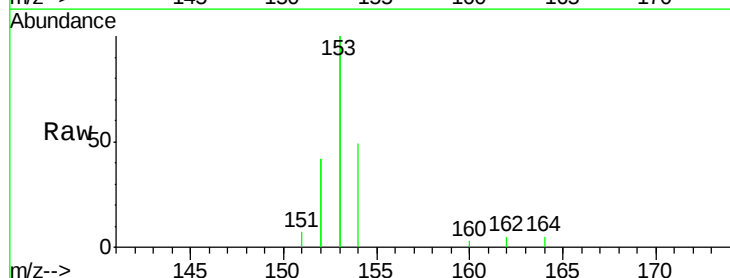
Tgt Ion:154 Resp: 2245

Ion Ratio Lower Upper

154 100

153 435.5 350.8 526.2

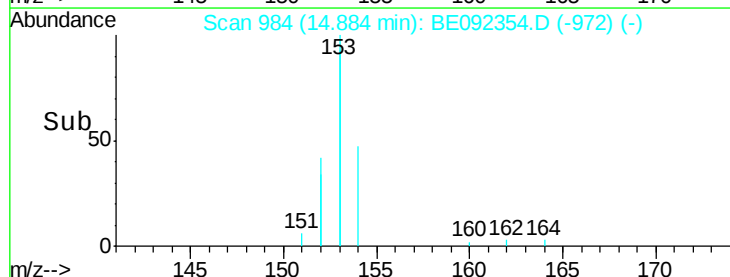
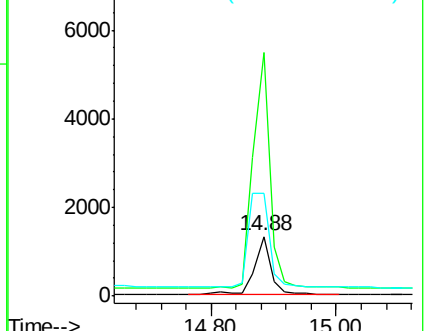
152 215.9 171.1 256.7

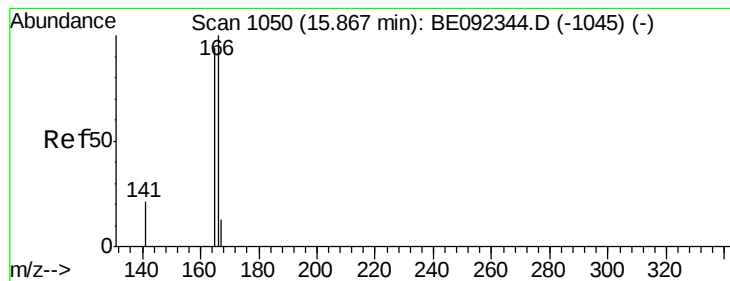


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#17

Fluorene

Concen: 0.37 ng

RT: 15.87 min Scan# 1050

Delta R.T. -0.00 min

Lab File: BE092354.D

Acq: 2 Sep 2016 21:44

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

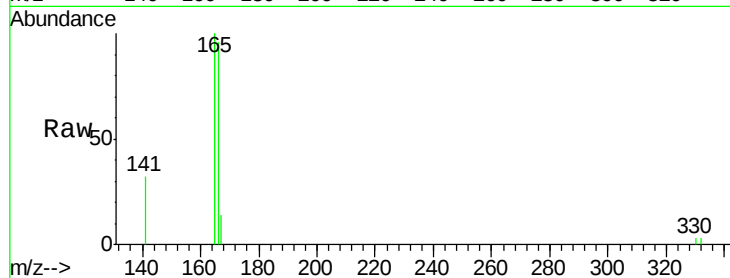
Tgt Ion:166 Resp: 2734

Ion Ratio Lower Upper

166 100

165 98.6 78.2 117.4

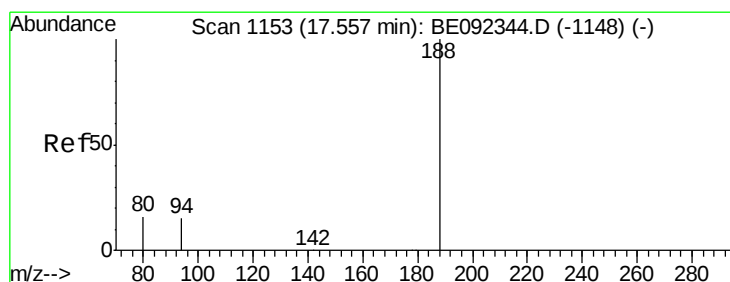
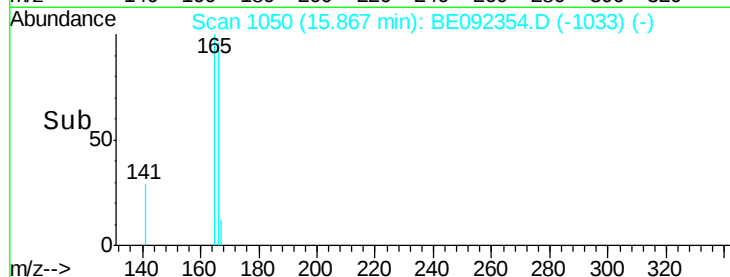
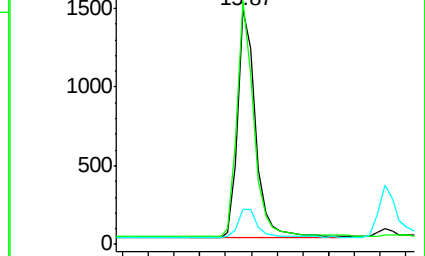
167 13.5 11.0 16.4



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.58 min Scan# 1154

Delta R.T. 0.02 min

Lab File: BE092354.D

Acq: 2 Sep 2016 21:44

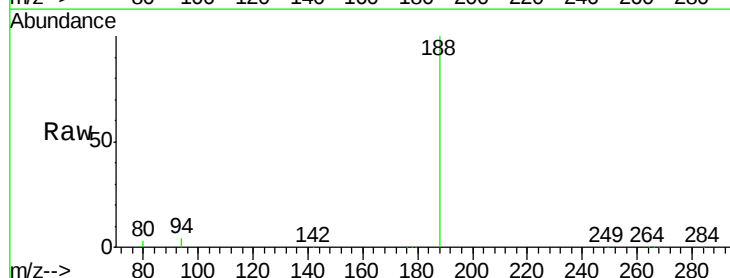
Tgt Ion:188 Resp: 50510

Ion Ratio Lower Upper

188 100

94 3.5 3.2 4.8

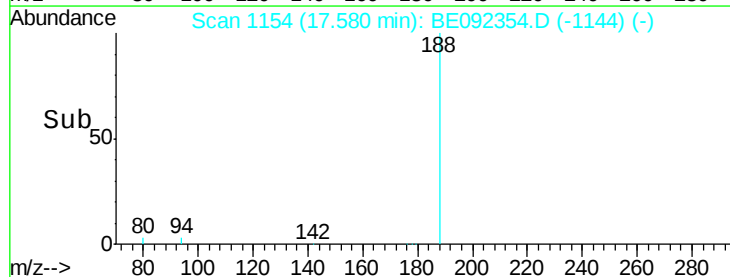
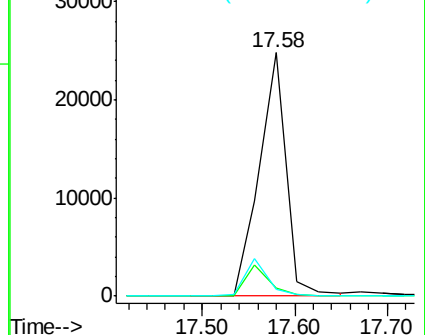
80 3.0 2.6 3.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0

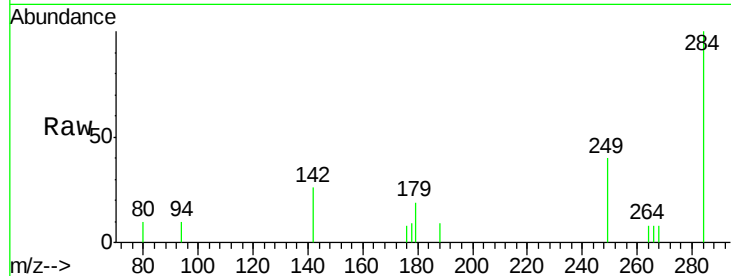




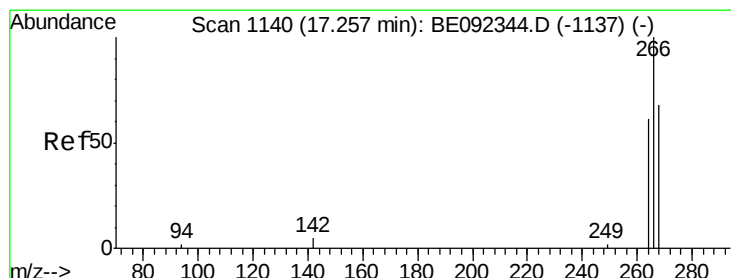
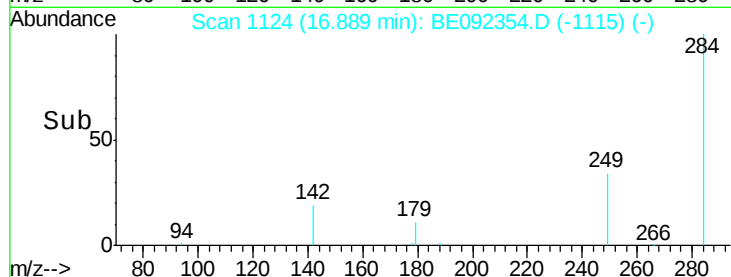
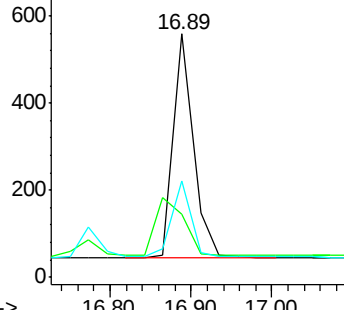
#19
Hexachlorobenzene
Concen: 0.37 ng
RT: 16.89 min Scan# 1124
Delta R.T. -0.00 min
Lab File: BE092354.D
Acq: 2 Sep 2016 21:44

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 284 Resp: 886
Ion Ratio Lower Upper
284 100
142 0.0 29.1 43.7#
249 31.8 27.9 41.9

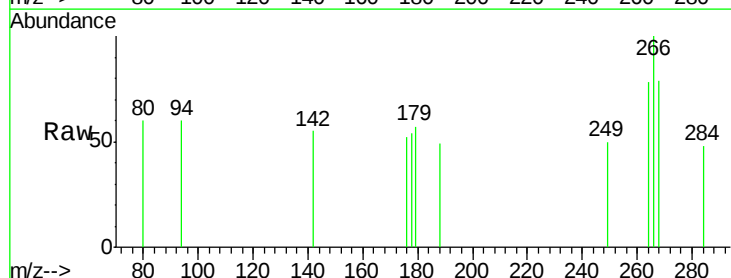


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

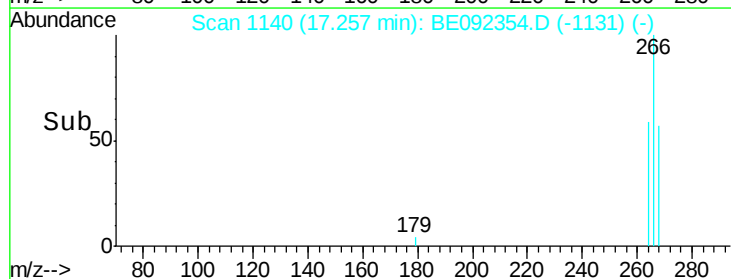
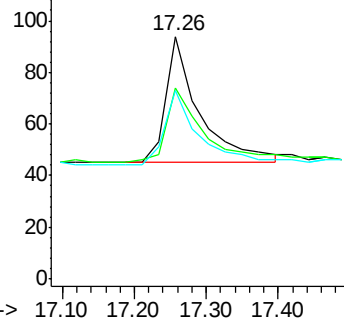


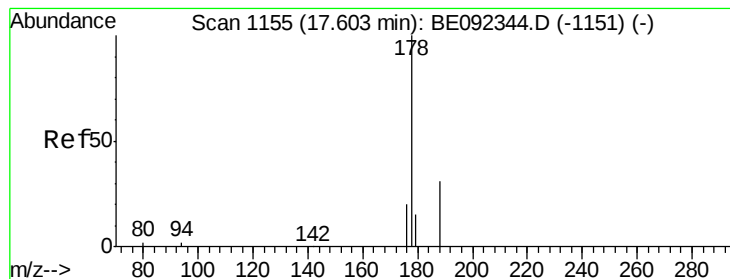
#20
Pentachlorophenol
Concen: 0.36 ng
RT: 17.26 min Scan# 1140
Delta R.T. 0.00 min
Lab File: BE092354.D
Acq: 2 Sep 2016 21:44

Tgt Ion: 266 Resp: 158
Ion Ratio Lower Upper
266 100
268 78.7 62.5 93.7
264 77.7 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: 0.36 ng

RT: 17.60 min Scan# 1155

Delta R.T. 0.00 min

Lab File: BE092354.D

Acq: 2 Sep 2016 21:44

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

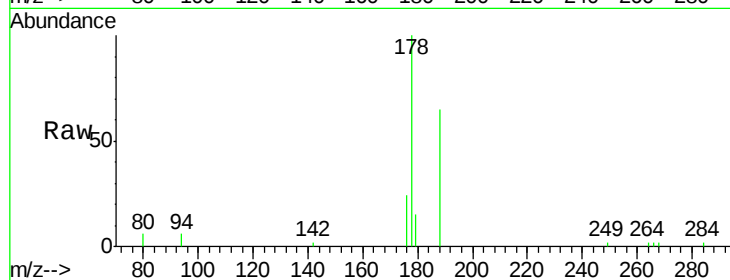
Tgt Ion:178 Resp: 5128

Ion Ratio Lower Upper

178 100

176 19.9 15.8 23.8

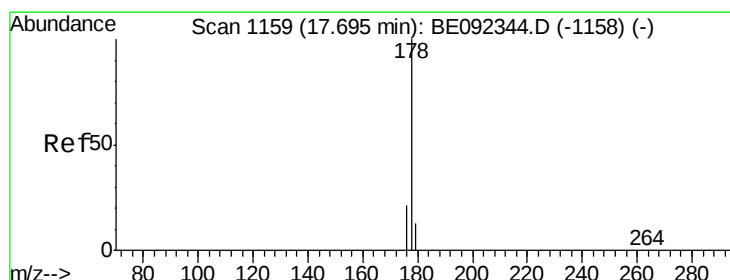
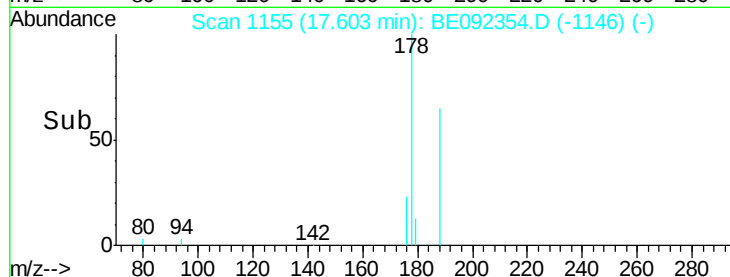
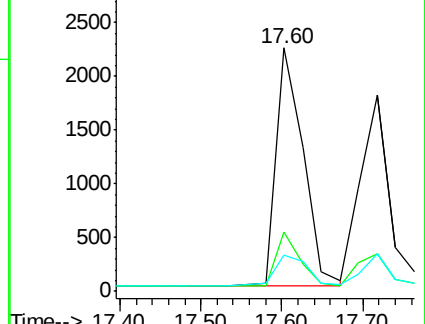
179 15.6 16.0 24.0#



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: 0.34 ng

RT: 17.72 min Scan# 1160

Delta R.T. 0.02 min

Lab File: BE092354.D

Acq: 2 Sep 2016 21:44

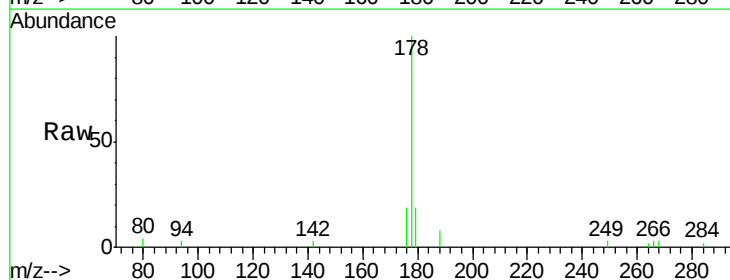
Tgt Ion:178 Resp: 4347

Ion Ratio Lower Upper

178 100

176 19.2 15.0 22.4

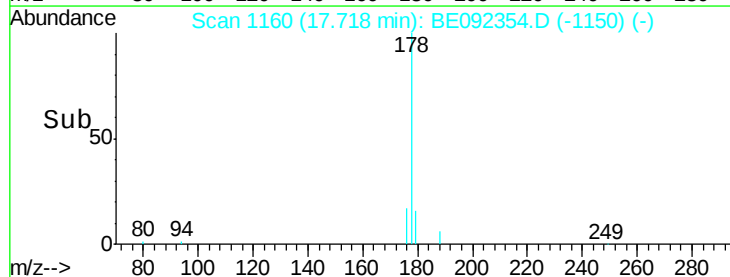
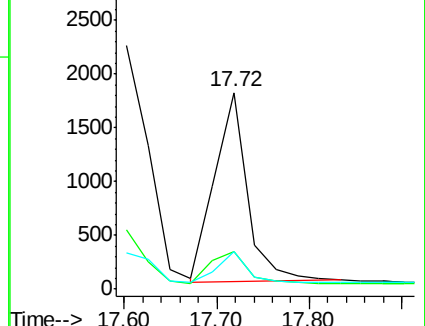
179 14.8 12.2 18.2

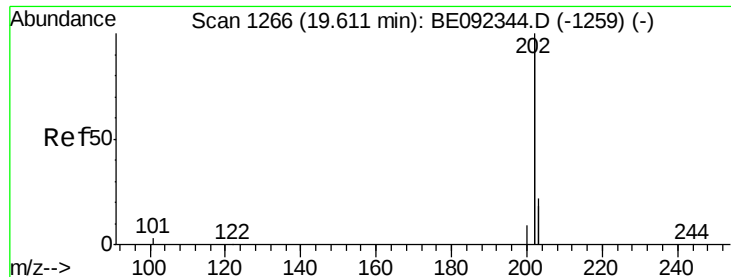


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#23

Fluoranthene

Concen: 0.37 ng

RT: 19.61 min Scan# 1266

Delta R.T. -0.00 min

Lab File: BE092354.D

Acq: 2 Sep 2016 21:44

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

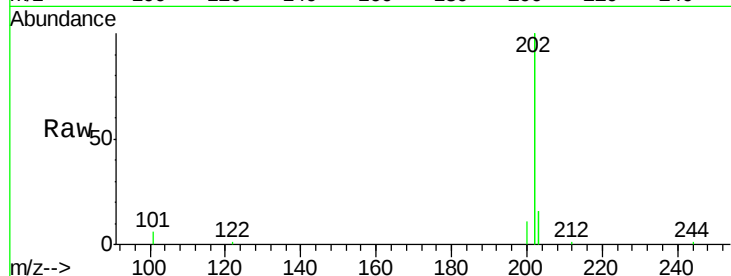
Tgt Ion:202 Resp: 22739

Ion Ratio Lower Upper

202 100

101 2.9 2.2 3.4

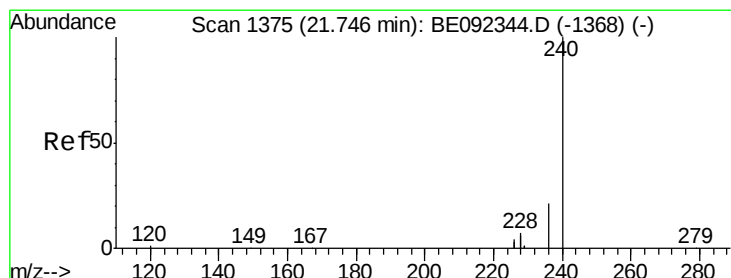
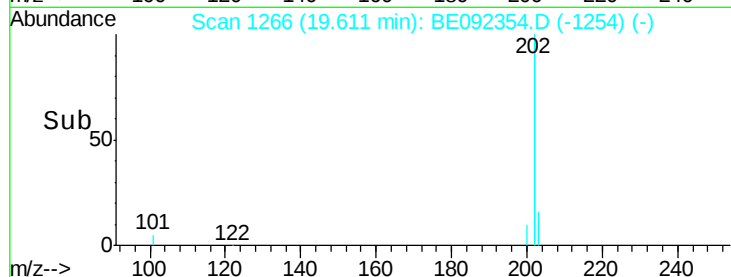
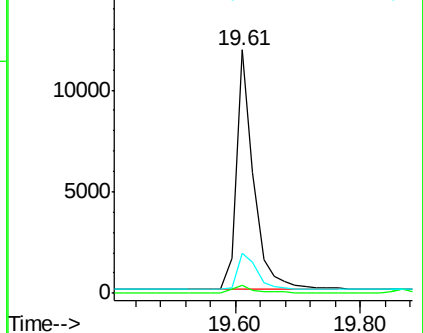
203 17.5 13.7 20.5



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



#24

Chrysene-d12

Concen: 5.00 ng

RT: 21.75 min Scan# 1375

Delta R.T. -0.00 min

Lab File: BE092354.D

Acq: 2 Sep 2016 21:44

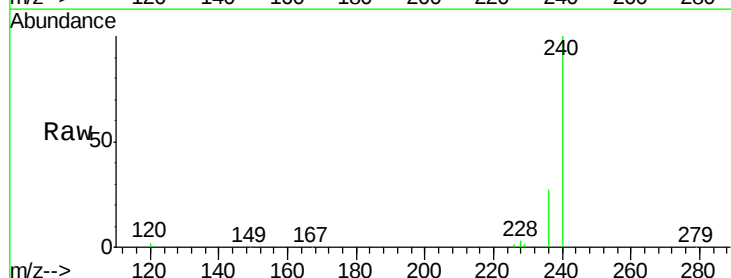
Tgt Ion:240 Resp: 76142

Ion Ratio Lower Upper

240 100

120 2.2 2.6 4.0#

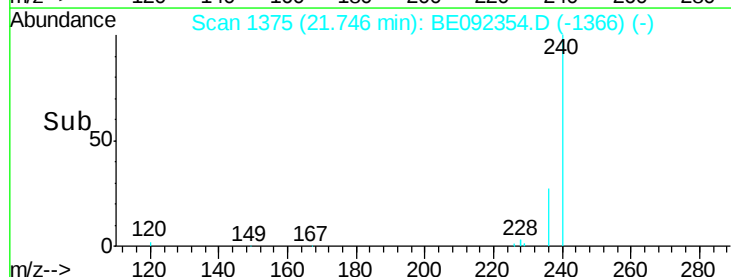
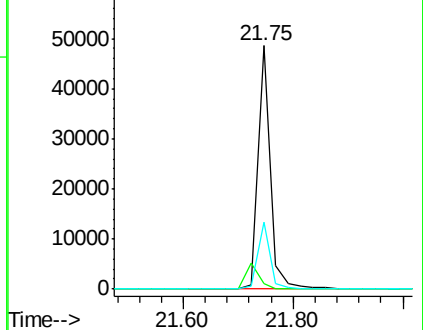
236 27.3 24.6 37.0



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

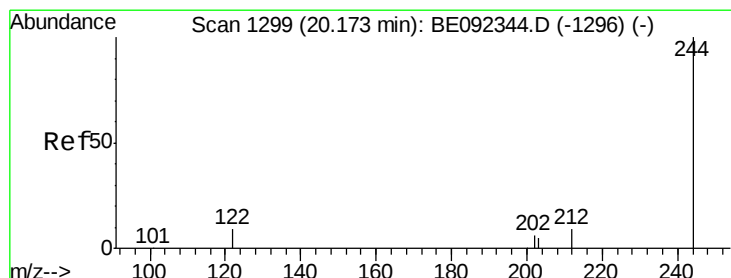
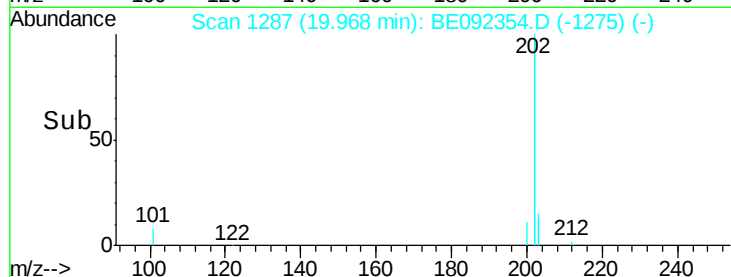
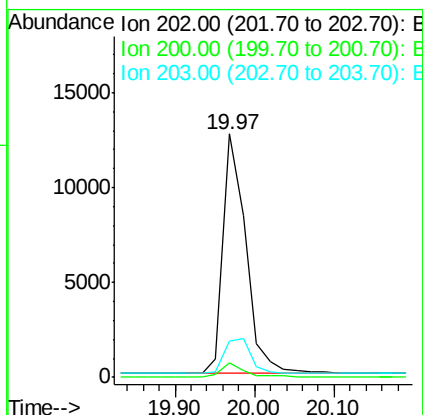
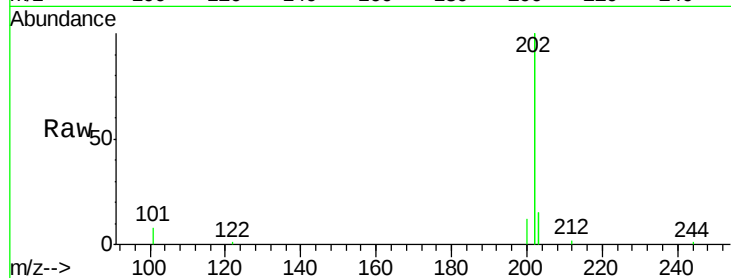




#25
 Pyrene
 Concen: 0.34 ng
 RT: 19.97 min Scan# 1287
 Delta R.T. -0.00 min
 Lab File: BE092354.D
 Acq: 2 Sep 2016 21:44

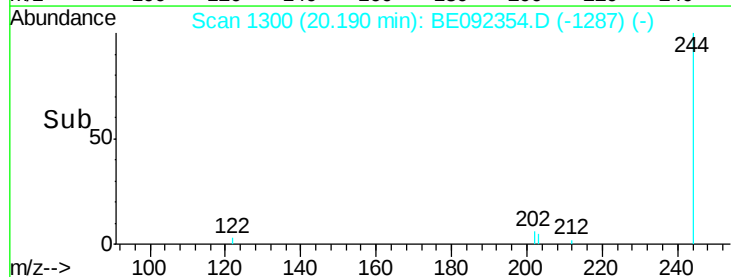
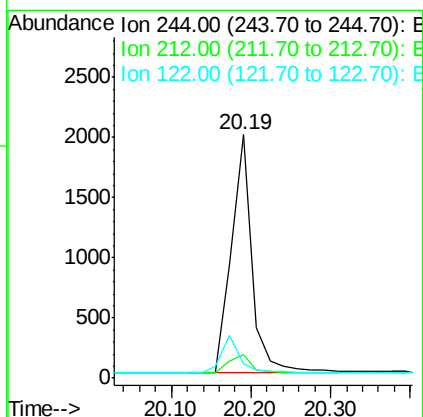
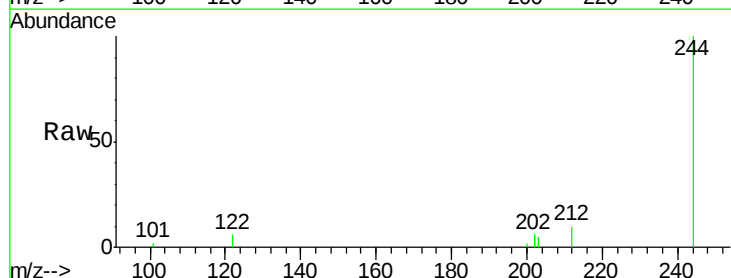
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Tgt Ion: 202 Resp: 25003
 Ion Ratio Lower Upper
 202 100
 200 5.3 4.2 6.4
 203 17.4 13.9 20.9



#26
 Terphenyl-d14
 Concen: 0.32 ng
 RT: 20.19 min Scan# 1300
 Delta R.T. 0.02 min
 Lab File: BE092354.D
 Acq: 2 Sep 2016 21:44

Tgt Ion: 244 Resp: 3589
 Ion Ratio Lower Upper
 244 100
 212 9.5 6.7 10.1
 122 6.1 3.6 5.4#

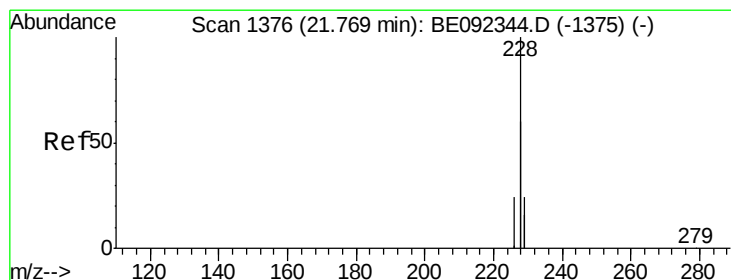
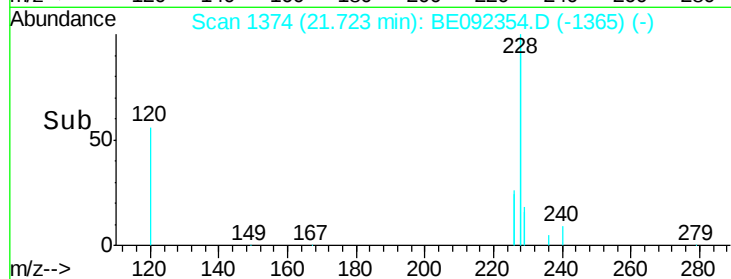
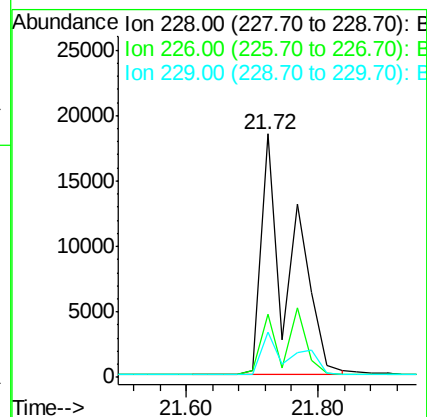
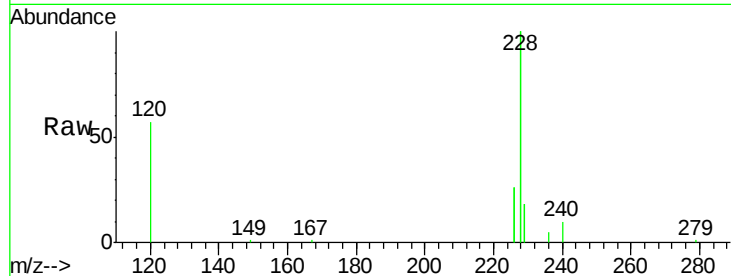




#27
Benzo(a)anthracene
Concen: 0.69 ng
RT: 21.72 min Scan# 1374
Delta R.T. -0.00 min
Lab File: BE092354.D
Acq: 2 Sep 2016 21:44

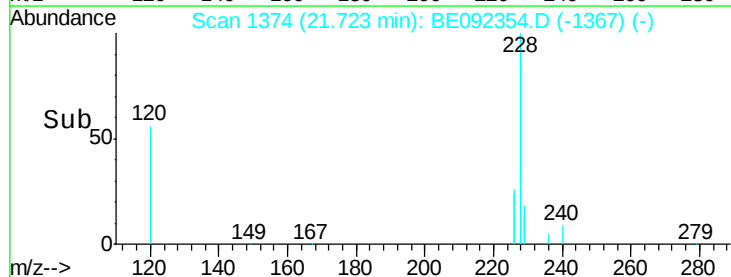
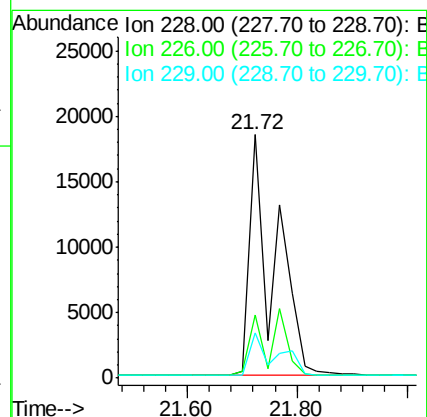
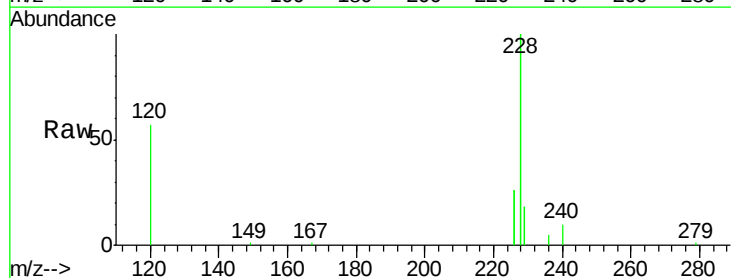
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

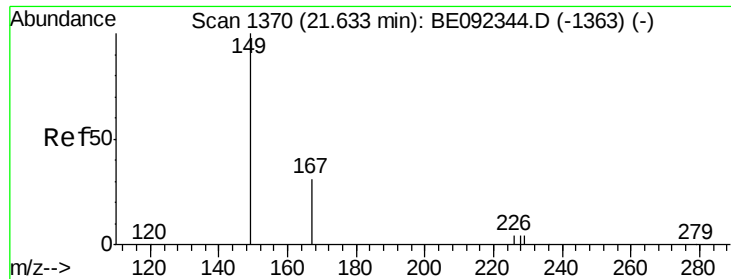
Tgt Ion:228 Resp: 56993
Ion Ratio Lower Upper
228 100
226 25.9 23.6 35.4
229 18.3 13.3 19.9



#28
Chrysene
Concen: 0.66 ng
RT: 21.72 min Scan# 1374
Delta R.T. -0.04 min
Lab File: BE092354.D
Acq: 2 Sep 2016 21:44

Tgt Ion:228 Resp: 57466
Ion Ratio Lower Upper
228 100
226 25.9 36.3 54.5#
229 18.3 10.6 16.0#

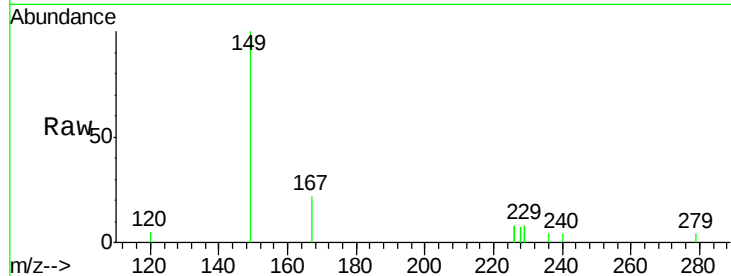




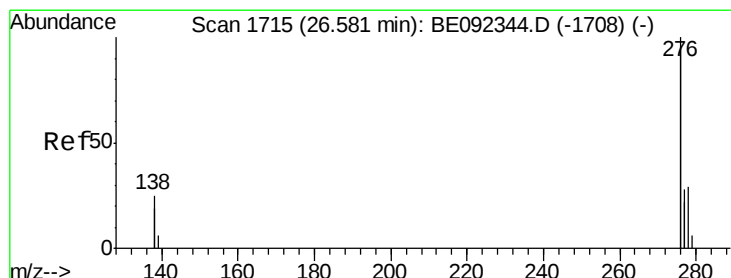
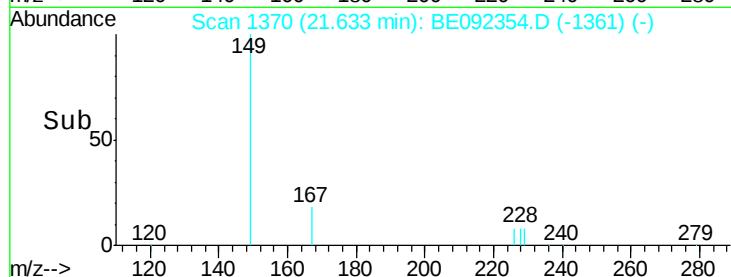
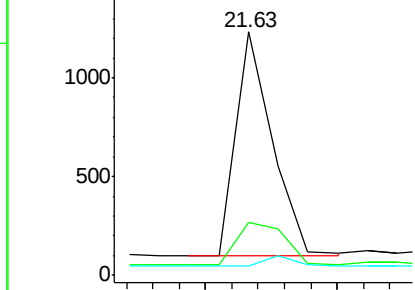
#29
 Bis(2-ethylhexyl)phthalate
 Concen: 0.23 ng
 RT: 21.63 min Scan# 1370
 Delta R.T. -0.00 min
 Lab File: BE092354.D
 Acq: 2 Sep 2016 21:44

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Tgt Ion: 149 Resp: 2216
 Ion Ratio Lower Upper
 149 100
 167 25.3 16.0 24.0#
 279 0.0 16.0 24.0#

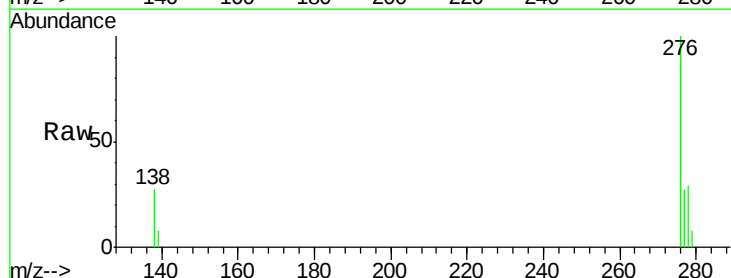


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

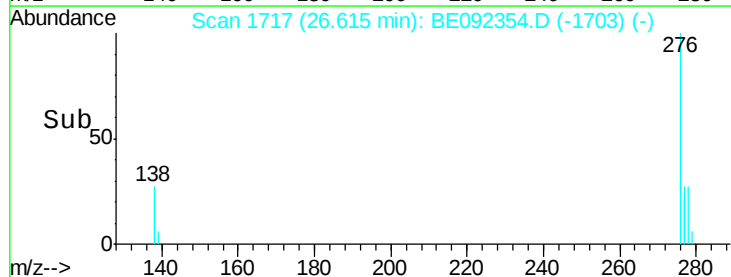
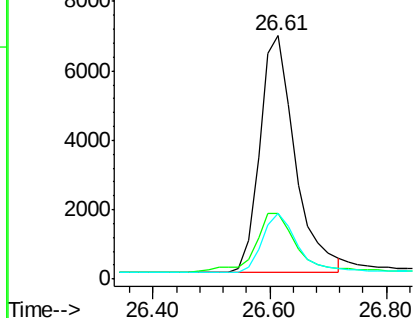


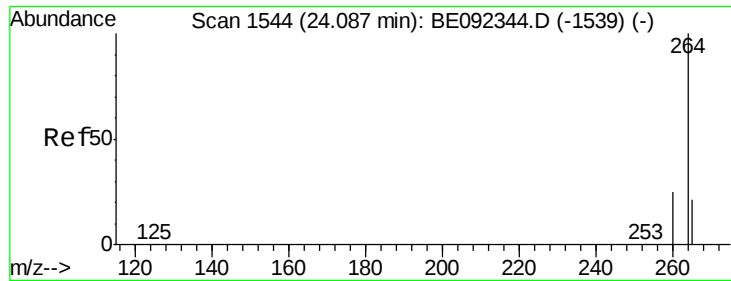
#30
 Indeno(1,2,3-cd)pyrene
 Concen: 0.33 ng
 RT: 26.61 min Scan# 1717
 Delta R.T. 0.03 min
 Lab File: BE092354.D
 Acq: 2 Sep 2016 21:44

Tgt Ion: 276 Resp: 28681
 Ion Ratio Lower Upper
 276 100
 138 28.3 20.3 30.5
 277 24.6 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

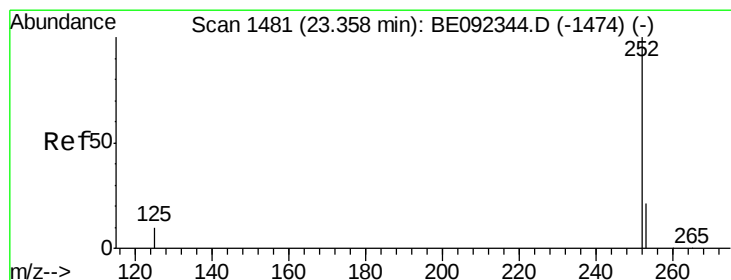
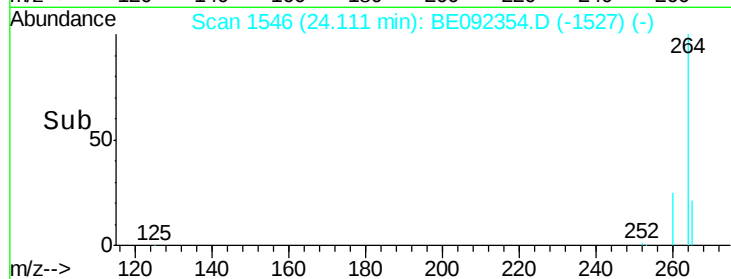
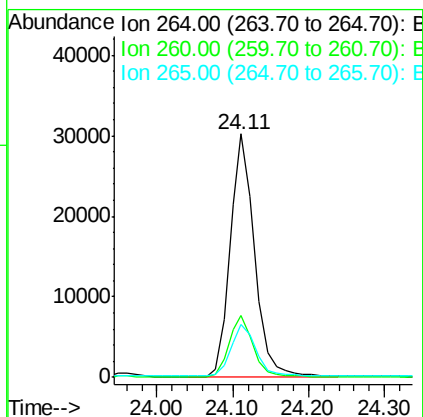
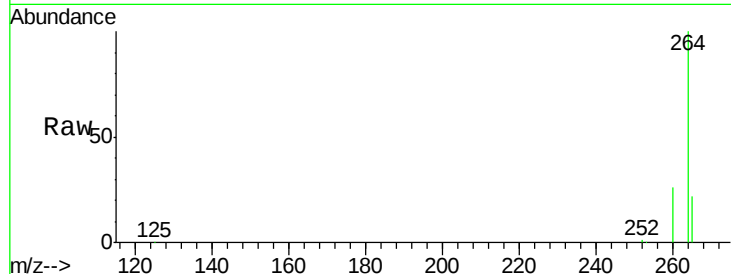




#31
Perylene-d12
 Concen: 5.00 ng
 RT: 24.11 min Scan# 1546
 Delta R.T. 0.02 min
 Lab File: BE092354.D
 Acq: 2 Sep 2016 21:44

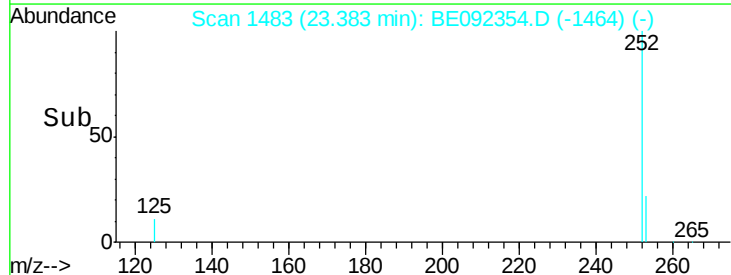
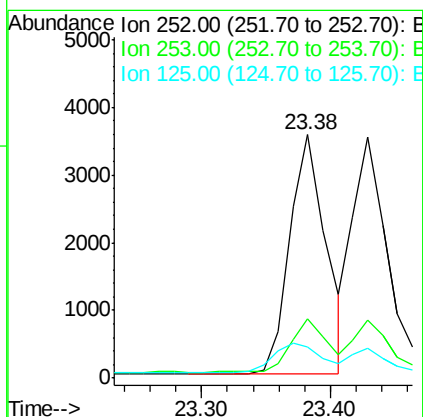
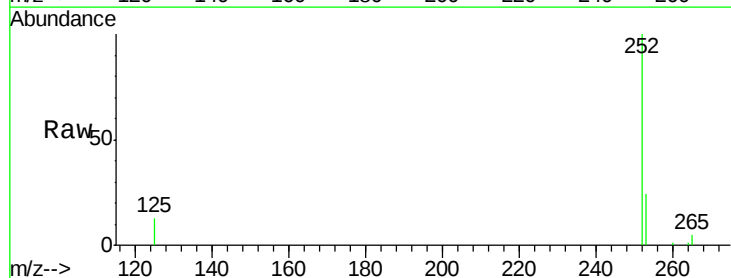
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Tgt Ion: 264 Resp: 68236
 Ion Ratio Lower Upper
 264 100
 260 25.6 20.1 30.1
 265 21.8 17.9 26.9



#32
Benzo(b)fluoranthene
 Concen: 0.40 ng
 RT: 23.38 min Scan# 1483
 Delta R.T. 0.02 min
 Lab File: BE092354.D
 Acq: 2 Sep 2016 21:44

Tgt Ion: 252 Resp: 6924
 Ion Ratio Lower Upper
 252 100
 253 24.1 18.7 28.1
 125 12.9 10.5 15.7





#33

Benzo(k)fluoranthene

Concen: 0.37 ng

RT: 23.43 min Scan# 1487

Delta R.T. 0.02 min

Lab File: BE092354.D

Acq: 2 Sep 2016 21:44

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

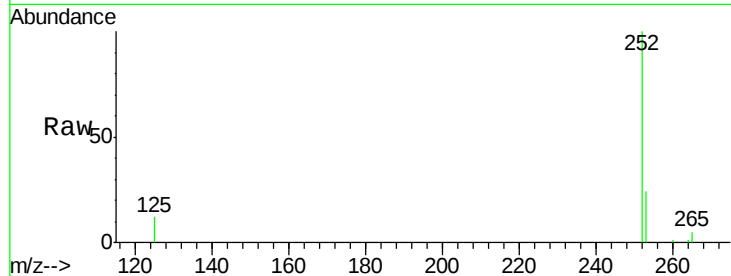
Tgt Ion:252 Resp: 6817

Ion Ratio Lower Upper

252 100

253 23.9 20.3 30.5

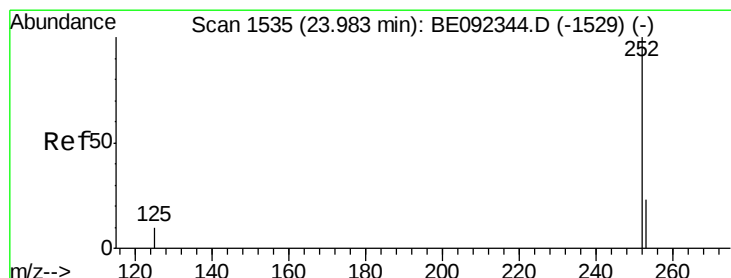
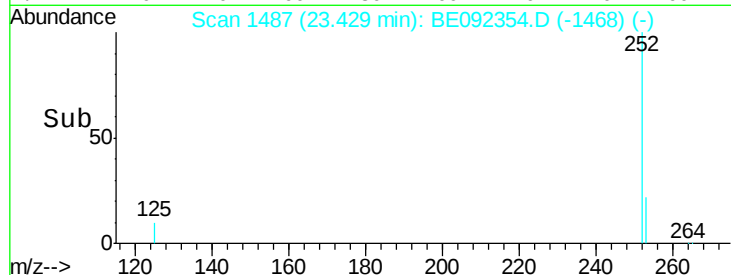
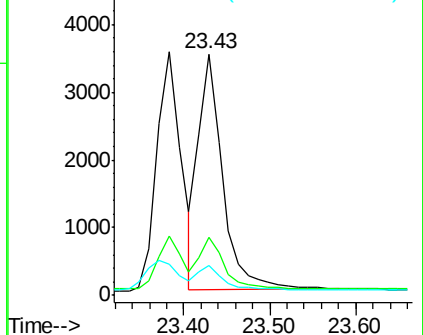
125 12.2 9.6 14.4



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: 0.38 ng

RT: 24.00 min Scan# 1536

Delta R.T. 0.01 min

Lab File: BE092354.D

Acq: 2 Sep 2016 21:44

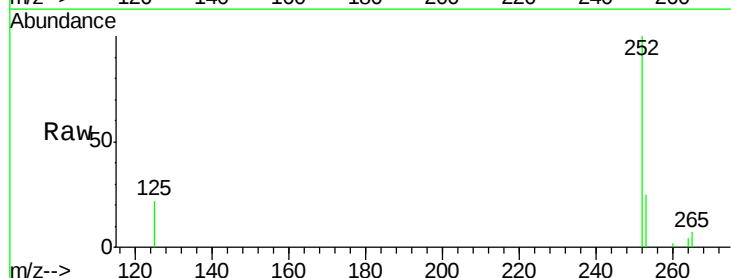
Tgt Ion:252 Resp: 6632

Ion Ratio Lower Upper

252 100

253 24.8 19.0 28.6

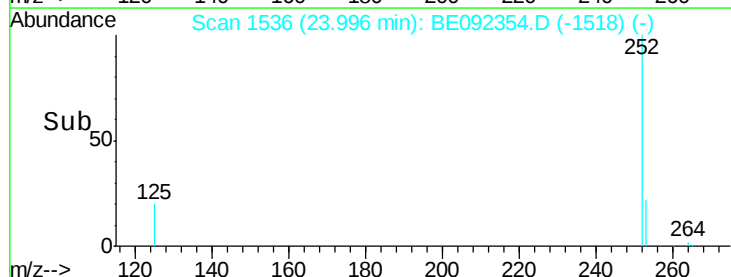
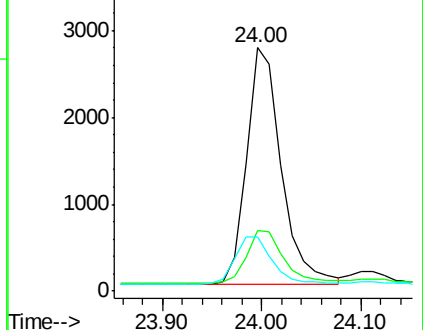
125 22.2 11.8 17.8#



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: 0.36 ng

RT: 26.63 min Scan# 1718

Delta R.T. 0.03 min

Lab File: BE092354.D

Acq: 2 Sep 2016 21:44

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

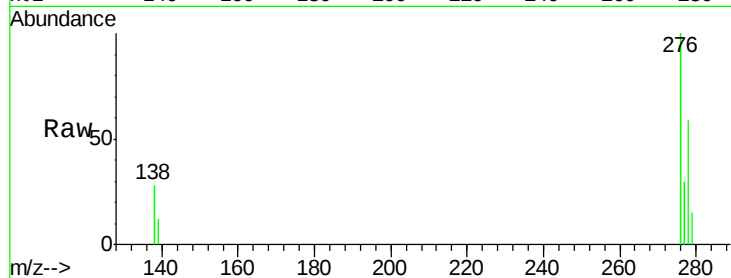
Tgt Ion: 278 Resp: 5776

Ion Ratio Lower Upper

278 100

139 20.0 13.8 20.8

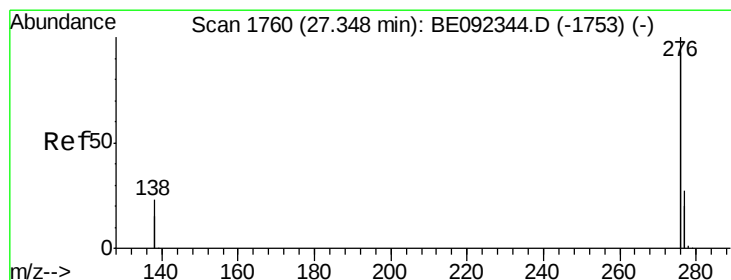
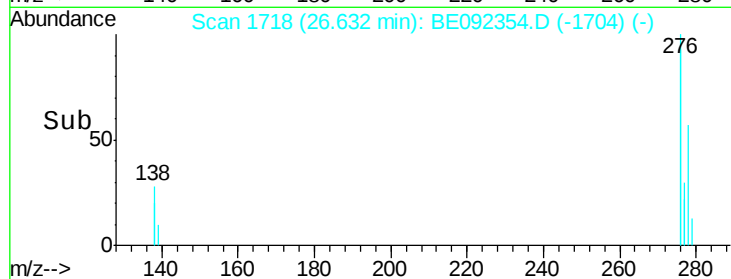
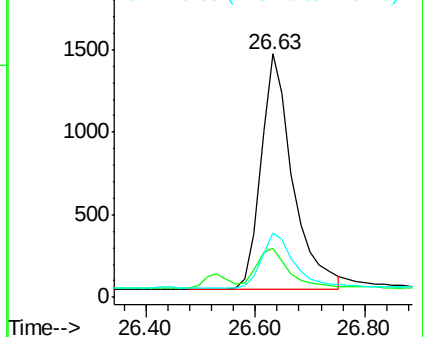
279 26.2 21.4 32.2



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: 0.37 ng

RT: 27.38 min Scan# 1762

Delta R.T. 0.03 min

Lab File: BE092354.D

Acq: 2 Sep 2016 21:44

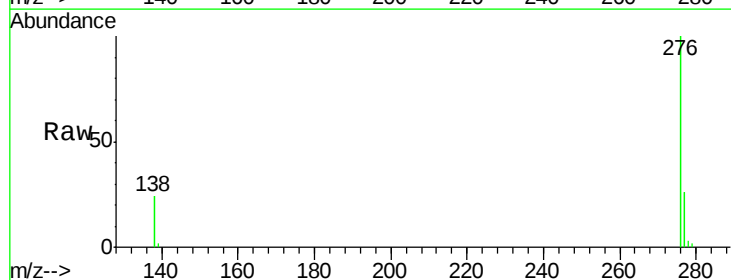
Tgt Ion: 276 Resp: 24670

Ion Ratio Lower Upper

276 100

277 26.1 19.8 29.8

138 23.8 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

