

Data Path : Z:\HPCHEM1\BNA_E\Data\BE081016\
 Data File : BE092245.D
 Acq On : 10 Aug 2016 9:04
 Operator : UM/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Aug 10 18:41:46 2016
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE080916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 10 11:12:32 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	9549	5.00	ng	0.00
7) Naphthalene-d8	10.97	136	45107	5.00	ng	0.00
12) Acenaphthene-d10	14.83	164	25909	5.00	ng	0.00
18) Phenanthrene-d10	17.56	188	63484	5.00	ng	0.00
24) Chrysene-d12	21.75	240	56792	5.00	ng	0.00
31) Perylene-d12	24.13	264	59560	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.70	112	731	0.35	ng	0.00
5) Phenol-d6	7.36	99	940	0.31	ng	0.00
8) Nitrobenzene-d5	9.23	82	120	0.04	ng	-0.14
13) 2,4,6-Tribromophenol	16.33	330	237	0.47	ng	0.00
14) 2-Fluorobiphenyl	13.47	172	3158	0.39	ng	0.00
26) Terphenyl-d14	20.21	244	3616	0.38	ng	0.02

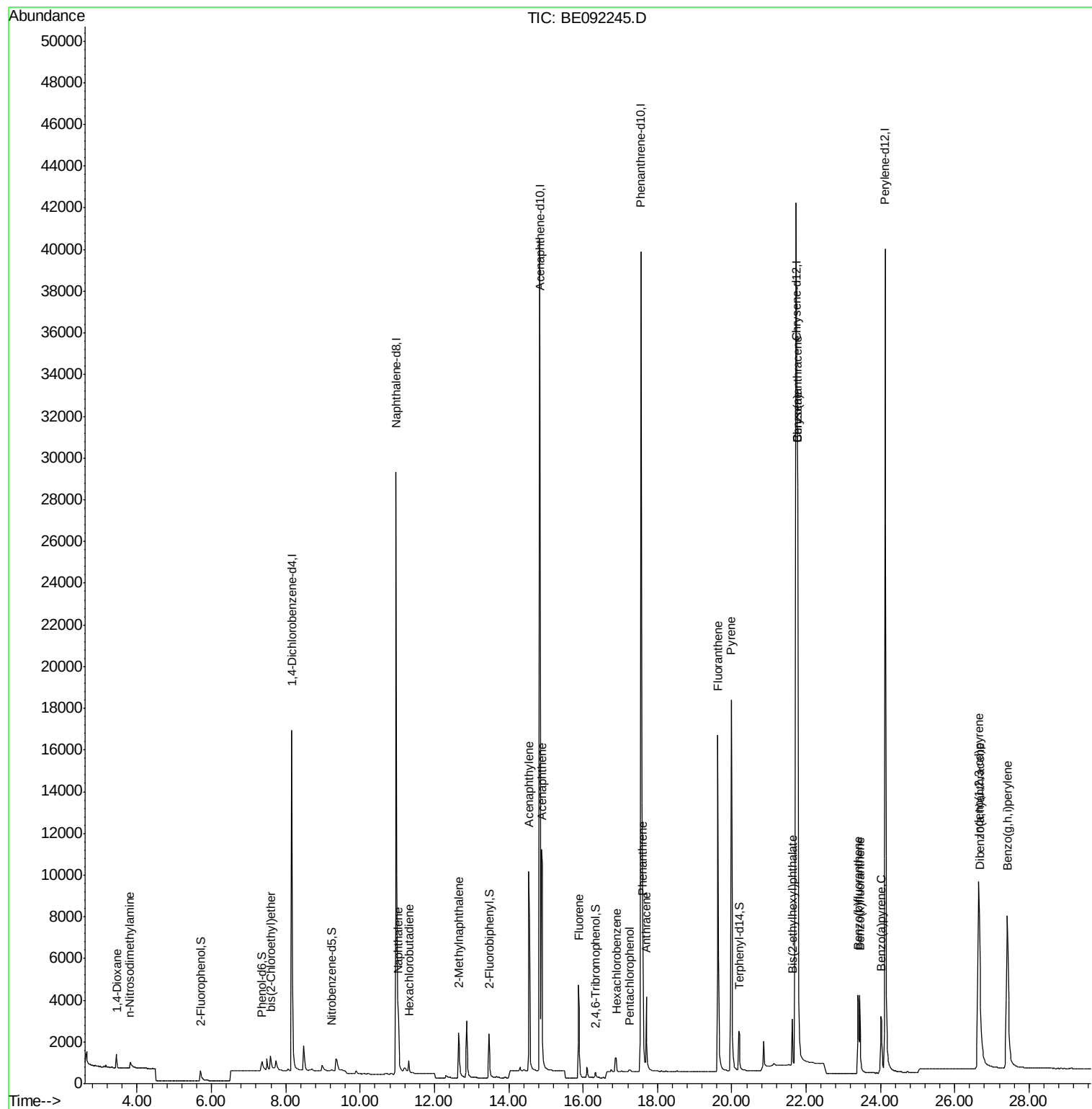
Target Compounds						Qvalue
2) 1,4-Dioxane	3.44	88	532	0.42	ng	93
3) n-Nitrosodimethylamine	3.81	42	518	0.44	ng	97
6) bis(2-Chloroethyl)ether	7.59	93	860	0.35	ng	99
9) Naphthalene	11.03	128	3987	0.39	ng	99
10) Hexachlorobutadiene	11.32	225	605	0.41	ng	97
11) 2-Methylnaphthalene	12.66	142	2475	0.39	ng	99
15) Acenaphthylene	14.54	152	17274	0.39	ng	99
16) Acenaphthene	14.90	154	2886	0.40	ng	99
17) Fluorene	15.88	166	3394	0.39	ng	100
19) Hexachlorobenzene	16.89	284	1020	0.40	ng	# 100
20) Pentachlorophenol	17.26	266	163	0.36	ng	93
21) Phenanthrene	17.60	178	6332	0.39	ng	99
22) Anthracene	17.70	178	5332	0.36	ng	100
23) Fluoranthene	19.63	202	24330	0.37	ng	99
25) Pyrene	19.99	202	25520	0.38	ng	100
27) Benzo(a)anthracene	21.77	228	52433	0.77	ng	# 89
28) Chrysene	21.77	228	52837	0.84	ng	97
29) Bis(2-ethylhexyl)phthalate	21.64	149	2649	0.46	ng	# 97
30) Indeno(1,2,3-cd)pyrene	26.65	276	24316	0.36	ng	99
32) Benzo(b)fluoranthene	23.39	252	6307	0.40	ng	98
33) Benzo(k)fluoranthene	23.45	252	5577	0.35	ng	97
34) Benzo(a)pyrene	24.02	252	5319	0.36	ng	98
35) Dibenzo(a,h)anthracene	26.67	278	4851	0.35	ng	99
36) Benzo(g,h,i)perylene	27.42	276	21823	0.37	ng	99

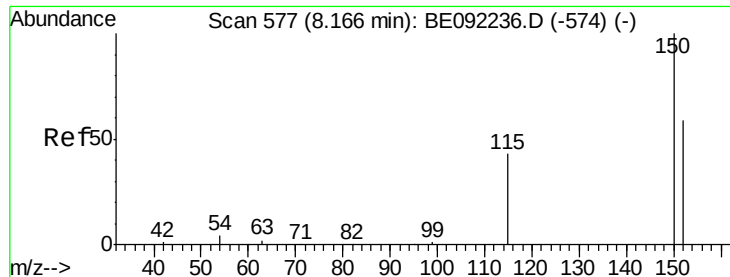
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_E\Data\BE081016\
Data File : BE092245.D
Acq On : 10 Aug 2016 9:04
Operator : UM/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Quant Time: Aug 10 18:41:46 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE080916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 10 11:12:32 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.17 min Scan# 577

Delta R.T. 0.00 min

Lab File: BE092245.D

Acq: 10 Aug 2016 9:04

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

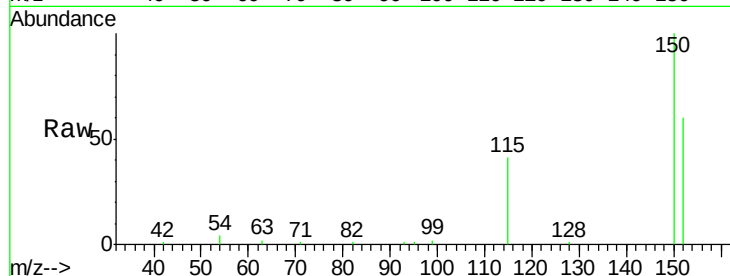
Tgt Ion:152 Resp: 9549

Ion Ratio Lower Upper

152 100

150 166.0 135.6 203.4

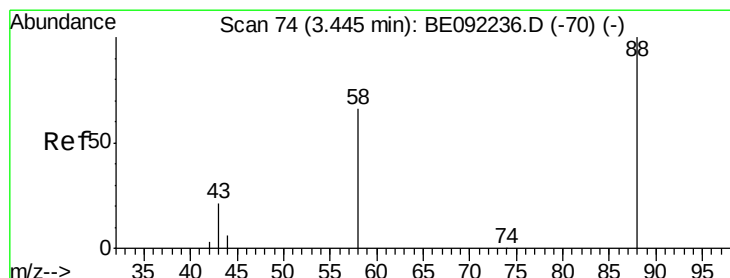
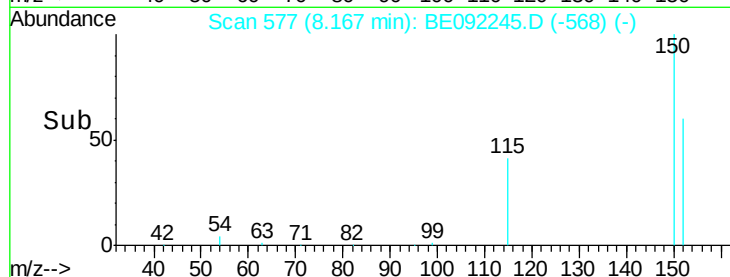
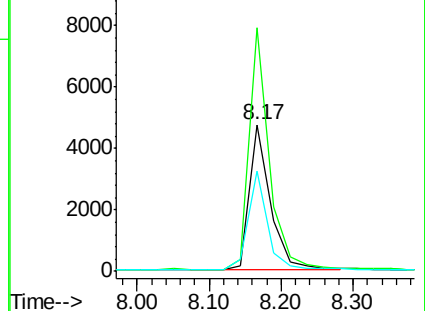
115 68.3 59.4 89.0



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: 0.42 ng

RT: 3.44 min Scan# 74

Delta R.T. 0.00 min

Lab File: BE092245.D

Acq: 10 Aug 2016 9:04

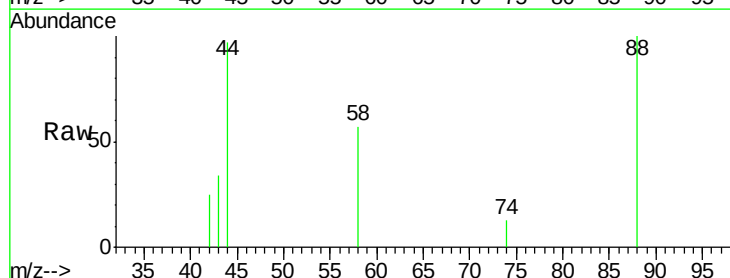
Tgt Ion: 88 Resp: 532

Ion Ratio Lower Upper

88 100

58 77.1 64.4 96.6

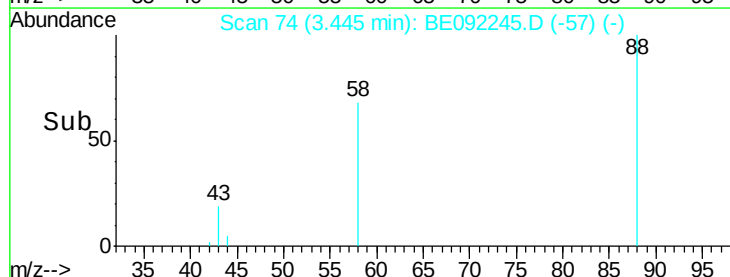
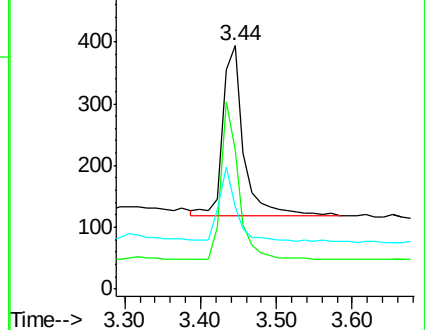
43 34.4 33.4 50.2

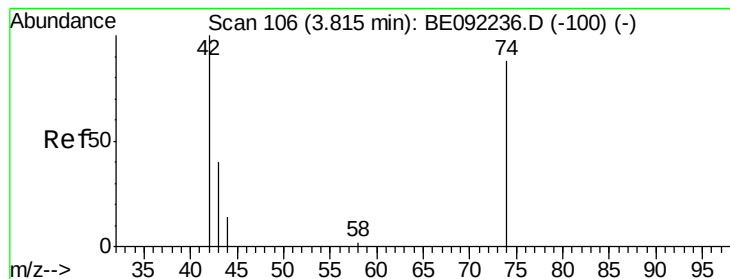


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.44 ng

RT: 3.81 min Scan# 106

Delta R.T. 0.00 min

Lab File: BE092245.D

Acq: 10 Aug 2016 9:04

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

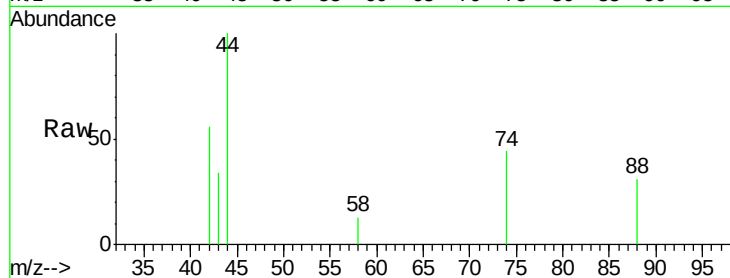
Tgt Ion: 42 Resp: 518

Ion Ratio Lower Upper

42 100

74 93.4 77.2 115.8

44 6.0 5.0 7.4

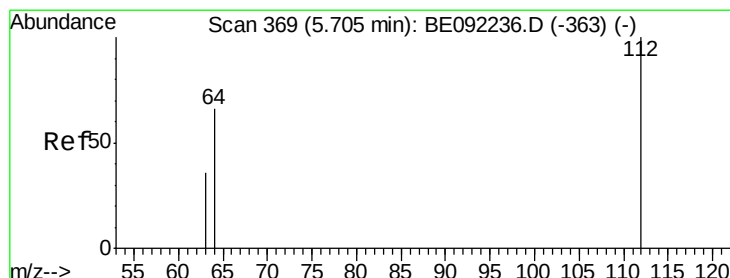
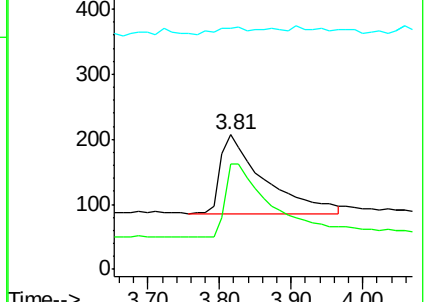
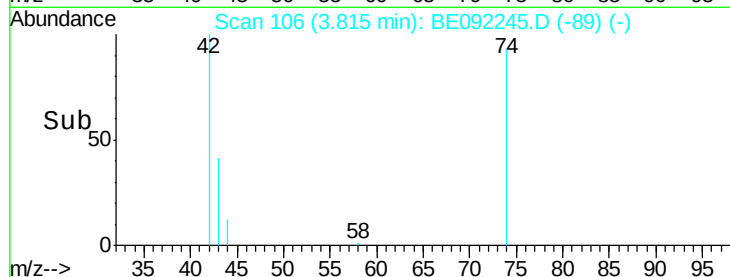


Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0

Time-->



#4

2-Fluorophenol

Concen: 0.35 ng

RT: 5.70 min Scan# 369

Delta R.T. -0.00 min

Lab File: BE092245.D

Acq: 10 Aug 2016 9:04

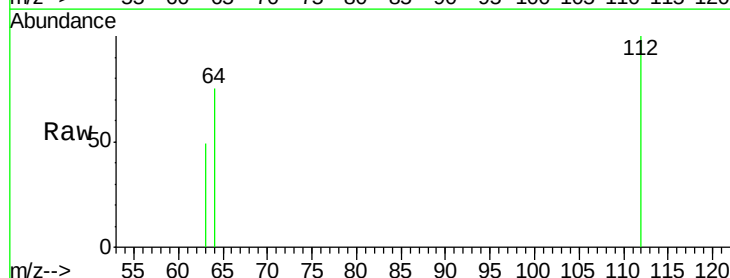
Tgt Ion: 112 Resp: 731

Ion Ratio Lower Upper

112 100

64 67.7 53.2 79.8

63 38.3 27.4 41.2

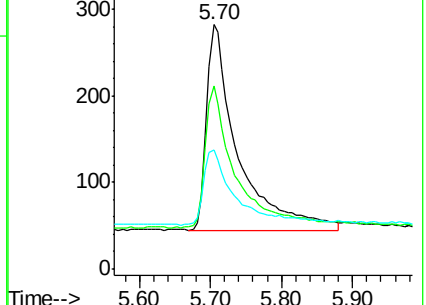
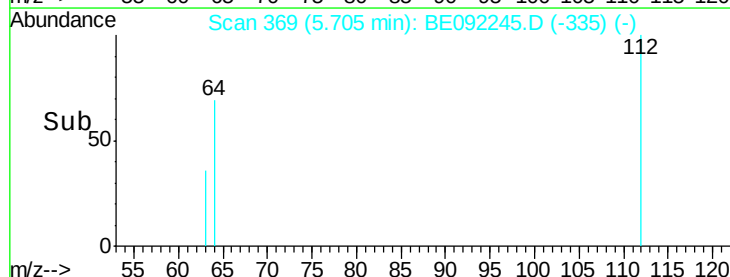


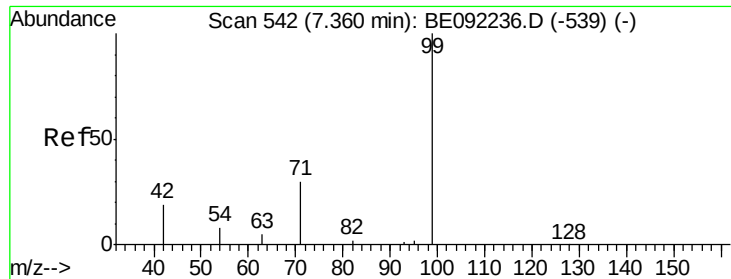
Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Time-->





#5

Phenol-d6

Concen: 0.31 ng

RT: 7.36 min Scan# 542

Delta R.T. 0.00 min

Lab File: BE092245.D

Acq: 10 Aug 2016 9:04

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

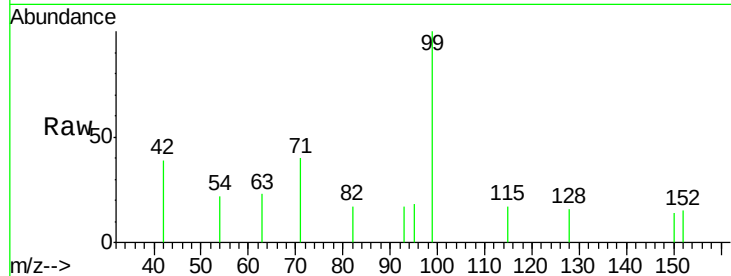
Tgt Ion: 99 Resp: 940

Ion Ratio Lower Upper

99 100

42 0.0 0.0 0.0

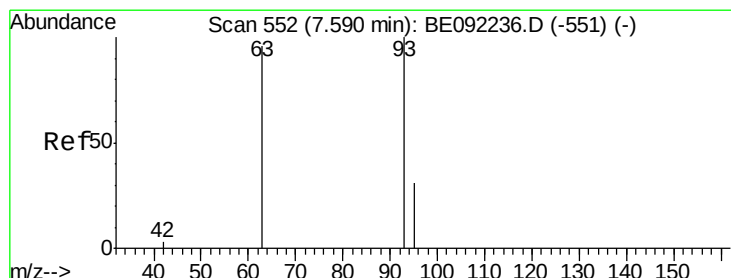
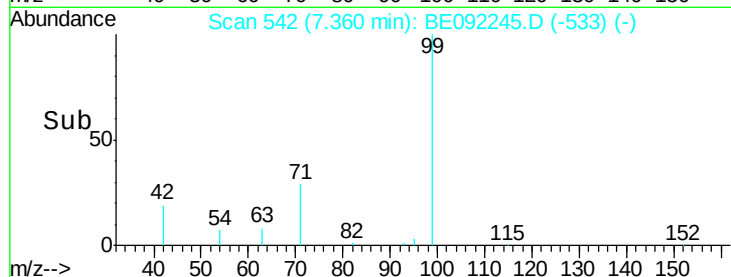
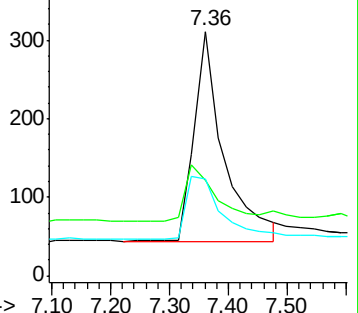
71 0.0 29.8 44.8#



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: 0.35 ng

RT: 7.59 min Scan# 552

Delta R.T. 0.00 min

Lab File: BE092245.D

Acq: 10 Aug 2016 9:04

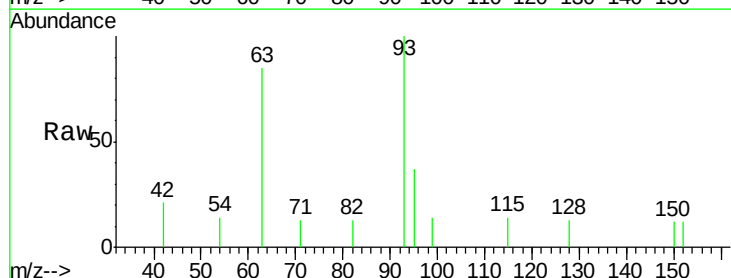
Tgt Ion: 93 Resp: 860

Ion Ratio Lower Upper

93 100

63 84.9 68.5 102.7

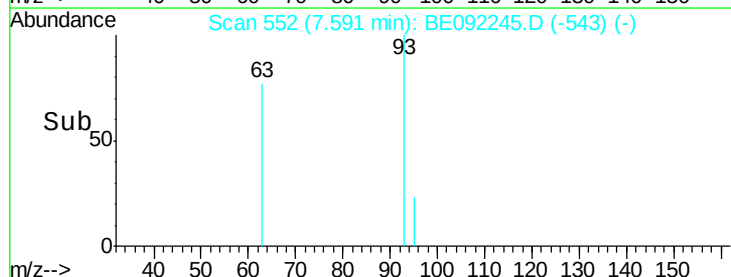
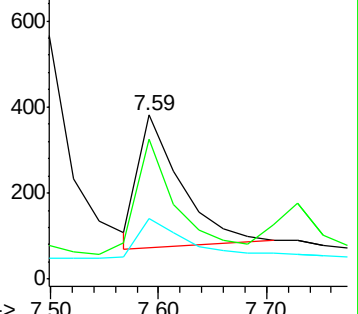
95 33.7 27.2 40.8

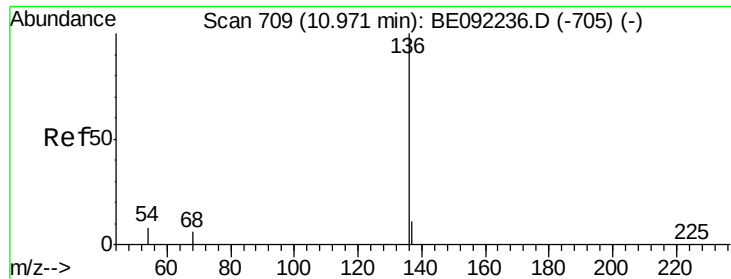


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.97 min Scan# 709

Delta R.T. -0.00 min

Lab File: BE092245.D

Acq: 10 Aug 2016 9:04

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tgt Ion: 136 Resp: 45107

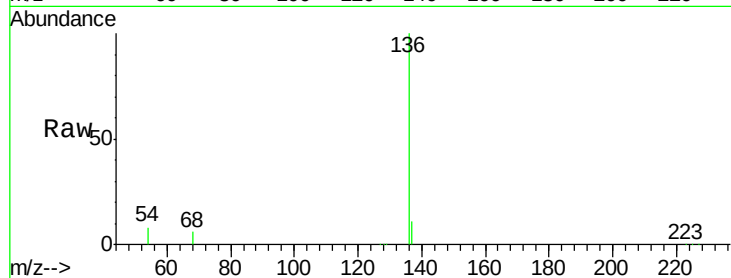
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 7.8 6.2 9.4

68 5.6 4.6 6.8

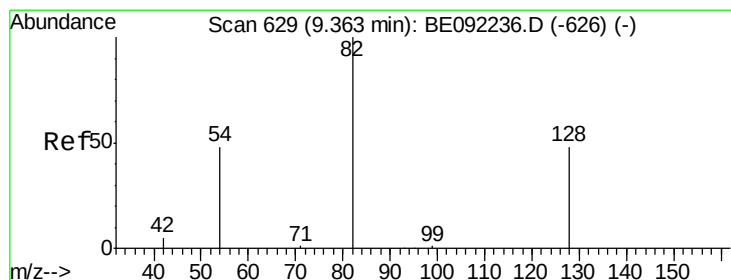
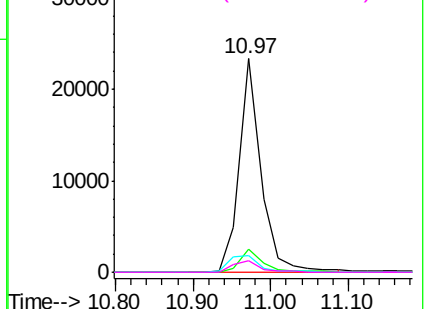
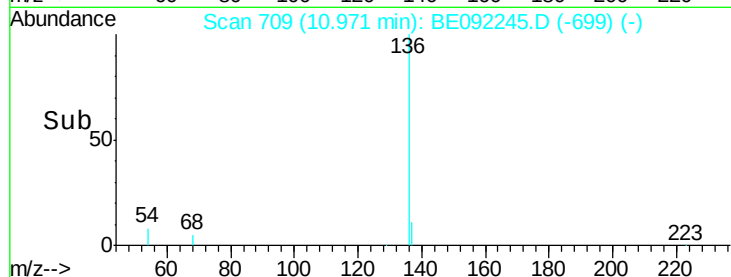


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.04 ng

RT: 9.23 min Scan# 623

Delta R.T. -0.14 min

Lab File: BE092245.D

Acq: 10 Aug 2016 9:04

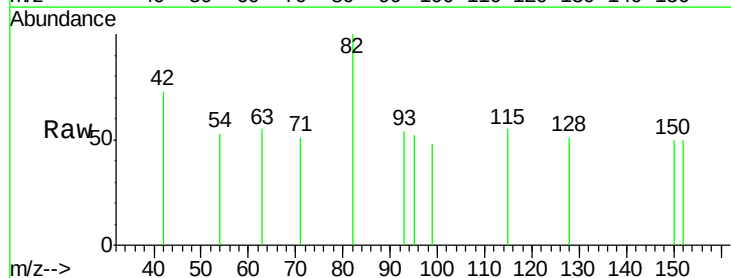
Tgt Ion: 82 Resp: 120

Ion Ratio Lower Upper

82 100

128 51.0 45.0 67.4

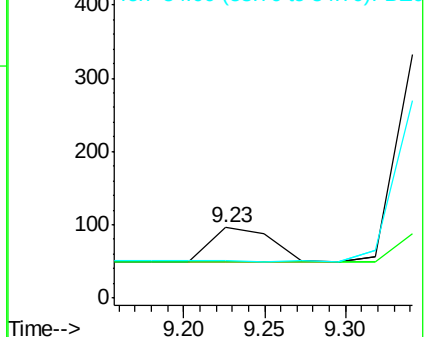
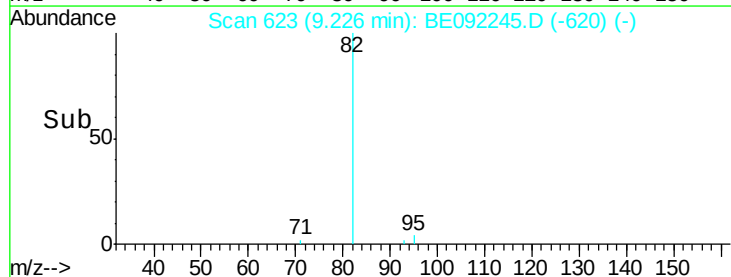
54 53.1 45.4 68.2

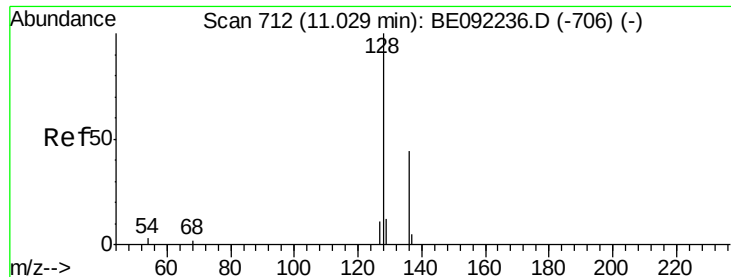


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.39 ng

RT: 11.03 min Scan# 712

Delta R.T. -0.00 min

Lab File: BE092245.D

Acq: 10 Aug 2016 9:04

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

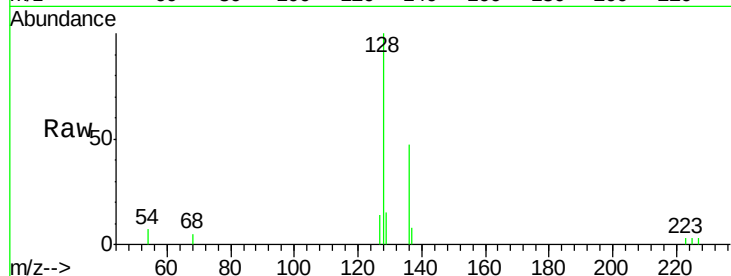
Tgt Ion:128 Resp: 3987

Ion Ratio Lower Upper

128 100

129 14.8 11.5 17.3

127 14.0 11.0 16.6

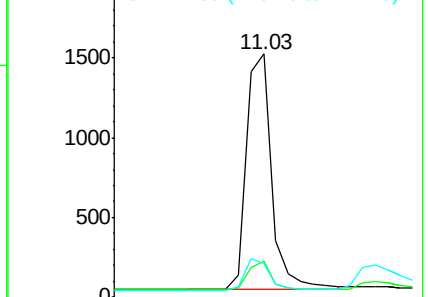


Abundance

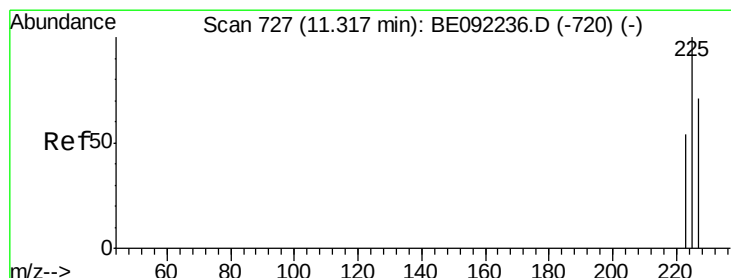
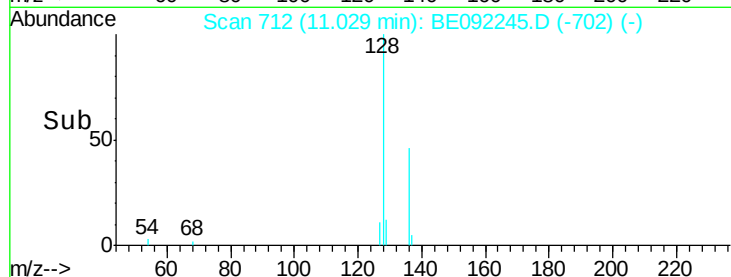
Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



Time--> 10.80 11.00 11.20



#10

Hexachlorobutadiene

Concen: 0.41 ng

RT: 11.32 min Scan# 727

Delta R.T. -0.00 min

Lab File: BE092245.D

Acq: 10 Aug 2016 9:04

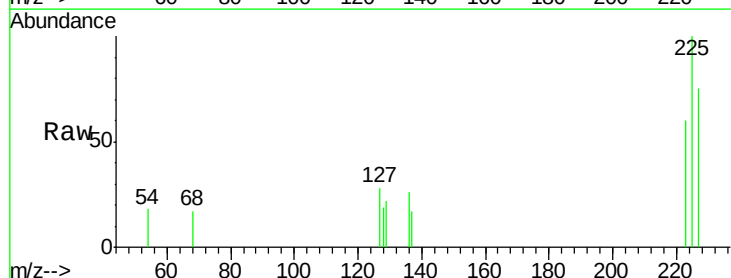
Tgt Ion:225 Resp: 605

Ion Ratio Lower Upper

225 100

223 62.6 52.2 78.4

227 61.2 51.0 76.6

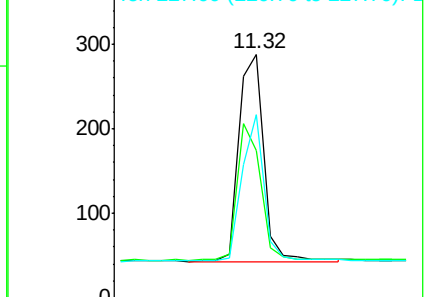


Abundance

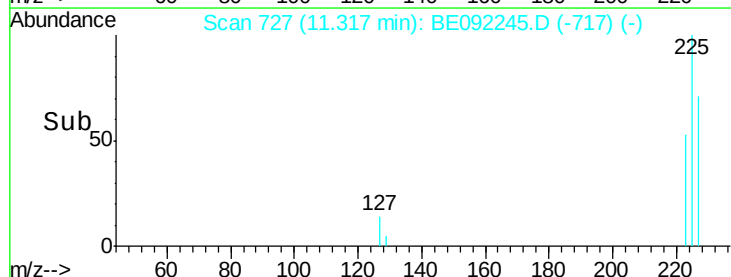
Ion 225.00 (224.70 to 225.70): E

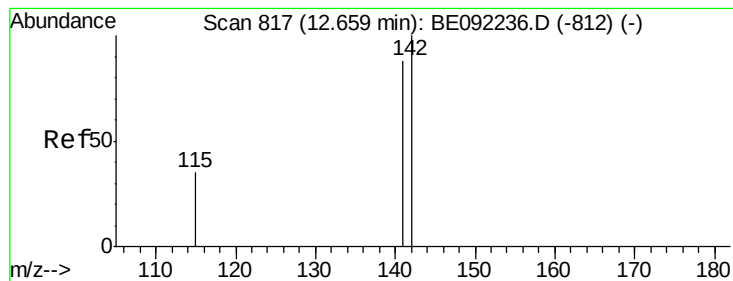
Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



Time--> 11.20 11.30 11.40 11.50





#11

2-Methylnaphthalene

Concen: 0.39 ng

RT: 12.66 min Scan# 817

Delta R.T. 0.00 min

Lab File: BE092245.D

Acq: 10 Aug 2016 9:04

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

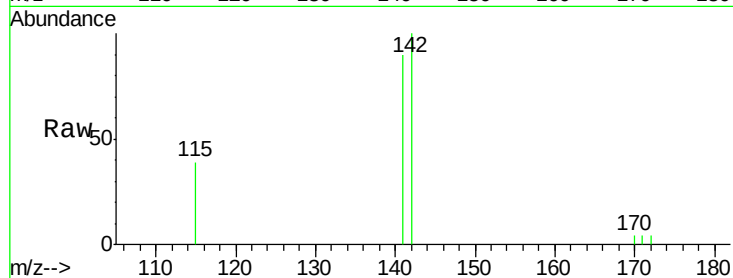
Tgt Ion:142 Resp: 2475

Ion Ratio Lower Upper

142 100

141 89.7 70.6 105.8

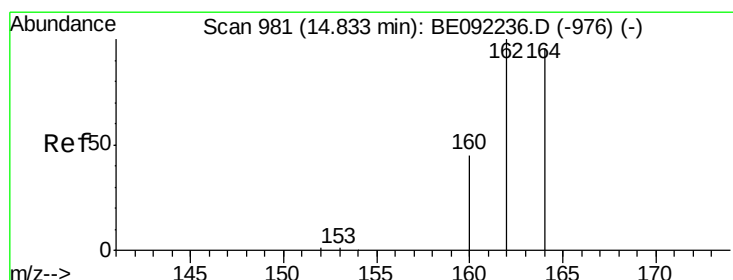
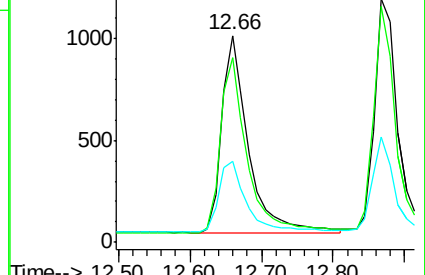
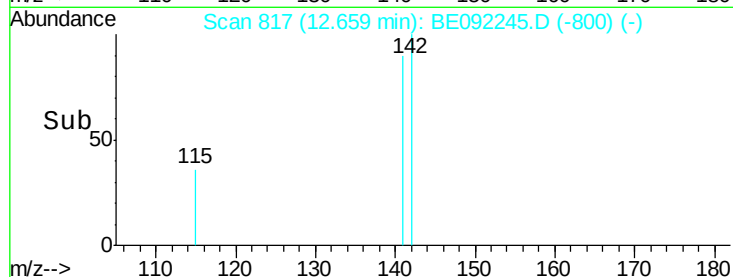
115 39.1 31.0 46.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.83 min Scan# 981

Delta R.T. -0.00 min

Lab File: BE092245.D

Acq: 10 Aug 2016 9:04

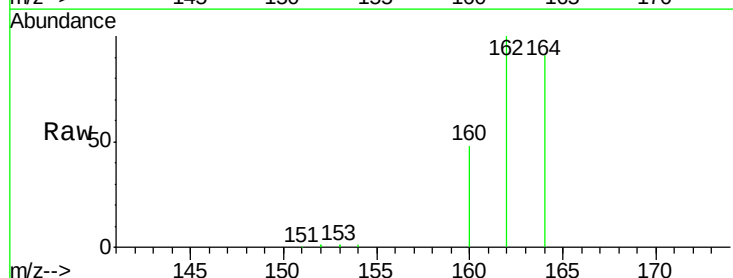
Tgt Ion:164 Resp: 25909

Ion Ratio Lower Upper

164 100

162 109.7 83.3 124.9

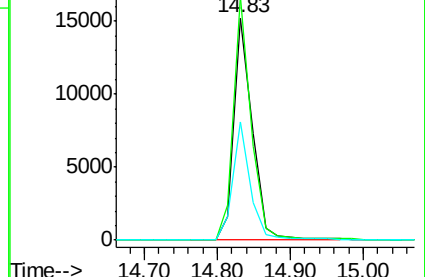
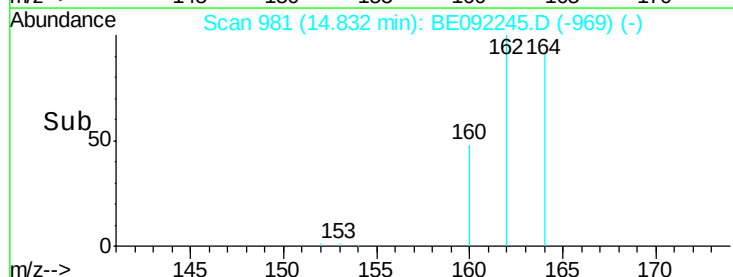
160 53.0 38.0 57.0

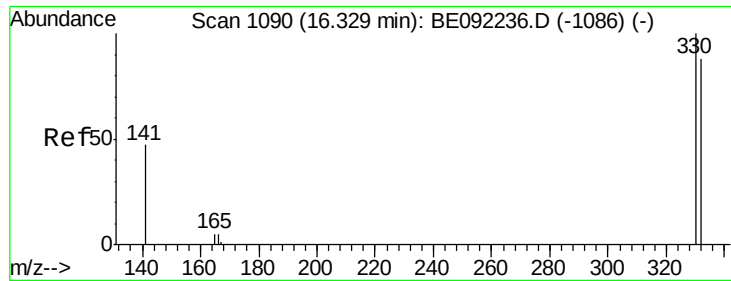


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

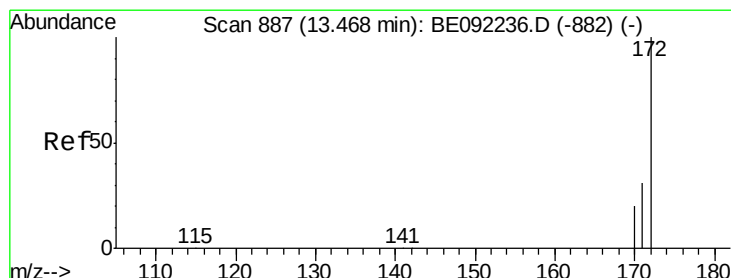
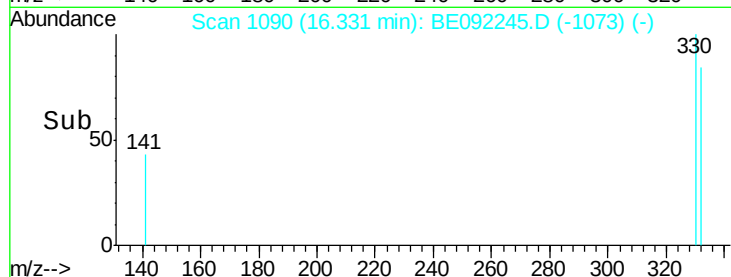
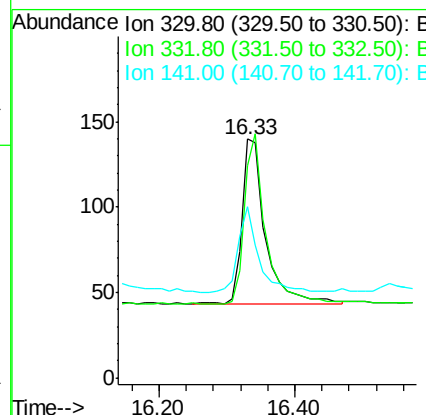
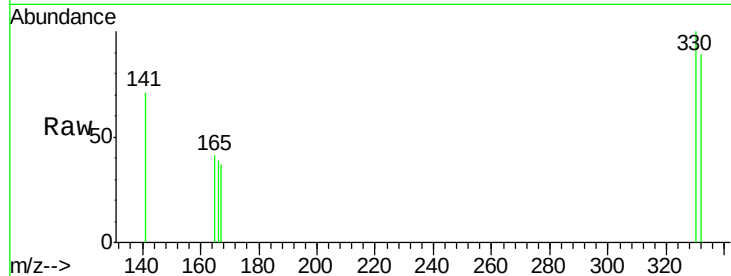




#13
 2,4,6-Tribromophenol
 Concen: 0.47 ng
 RT: 16.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: BE092245.D
 Acq: 10 Aug 2016 9:04

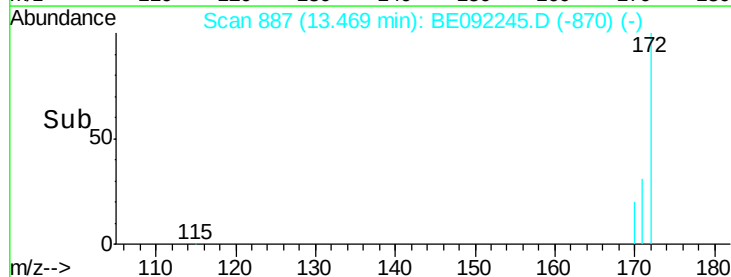
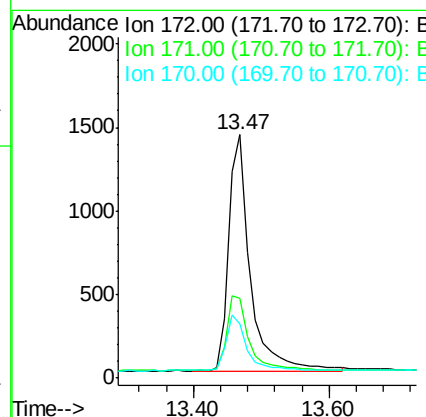
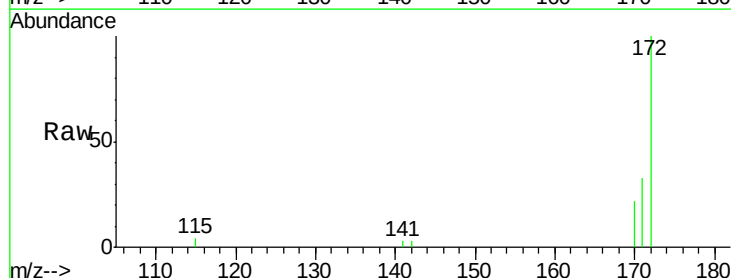
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

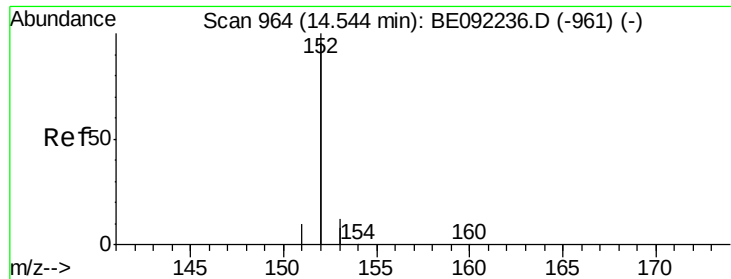
Tgt Ion: 330 Resp: 237
 Ion Ratio Lower Upper
 330 100
 332 93.2 75.4 113.0
 141 44.7 37.7 56.5



#14
 2-Fluorobiphenyl
 Concen: 0.39 ng
 RT: 13.47 min Scan# 887
 Delta R.T. 0.00 min
 Lab File: BE092245.D
 Acq: 10 Aug 2016 9:04

Tgt Ion: 172 Resp: 3158
 Ion Ratio Lower Upper
 172 100
 171 32.7 26.8 40.2
 170 22.0 17.8 26.6





#15

Acenaphthylene

Concen: 0.39 ng

RT: 14.54 min Scan# 964

Delta R.T. -0.00 min

Lab File: BE092245.D

Acq: 10 Aug 2016 9:04

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

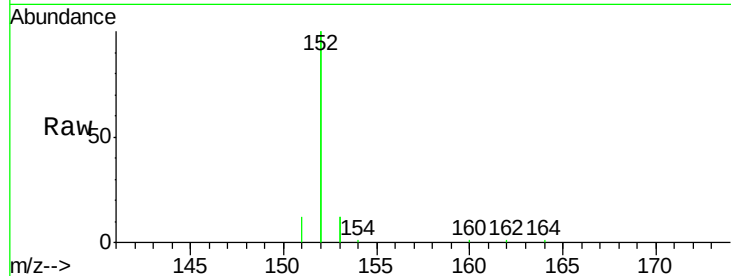
Tgt Ion:152 Resp: 17274

Ion Ratio Lower Upper

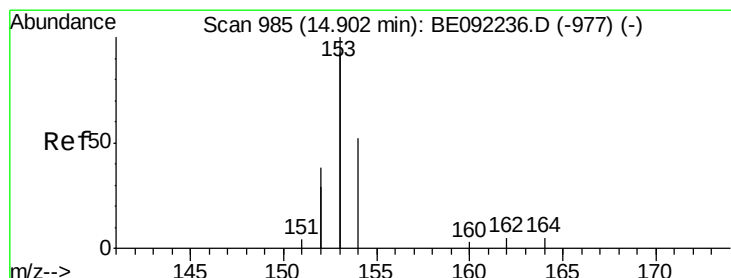
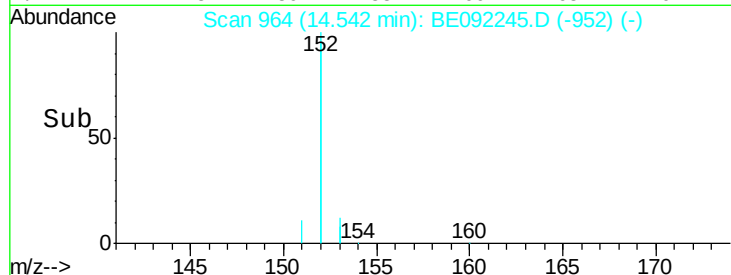
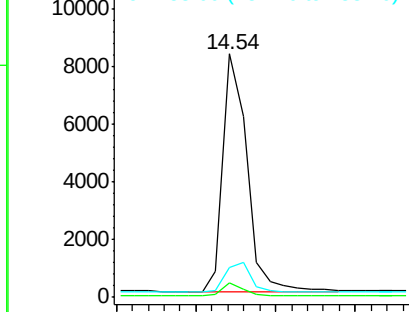
152 100

151 5.0 3.8 5.8

153 13.0 10.2 15.2



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: 0.40 ng

RT: 14.90 min Scan# 985

Delta R.T. -0.00 min

Lab File: BE092245.D

Acq: 10 Aug 2016 9:04

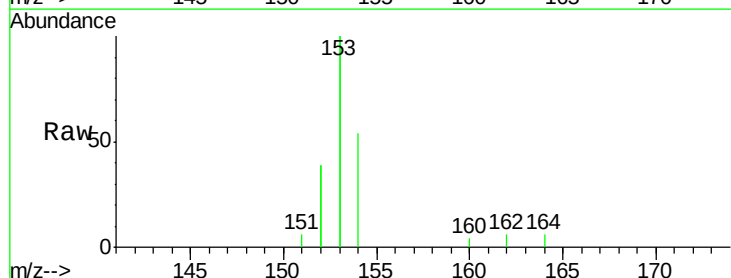
Tgt Ion:154 Resp: 2886

Ion Ratio Lower Upper

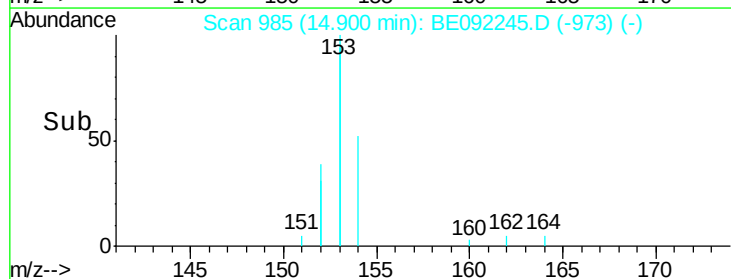
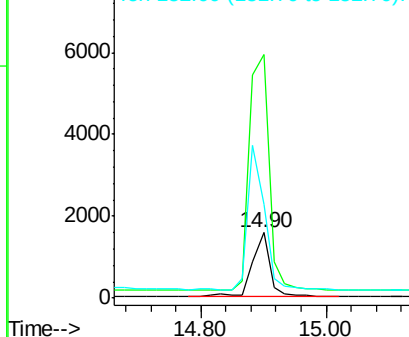
154 100

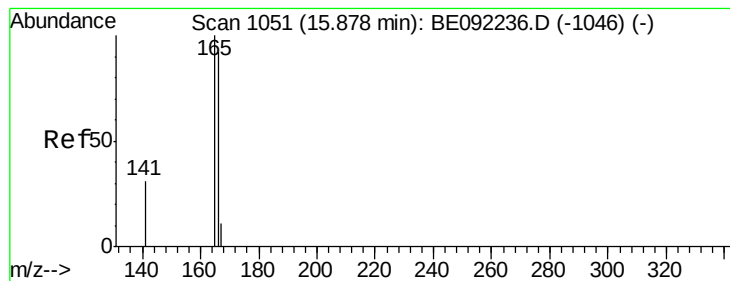
153 438.6 355.0 532.4

152 224.6 179.7 269.5



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: 0.39 ng

RT: 15.88 min Scan# 1051

Delta R.T. 0.00 min

Lab File: BE092245.D

Acq: 10 Aug 2016 9:04

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

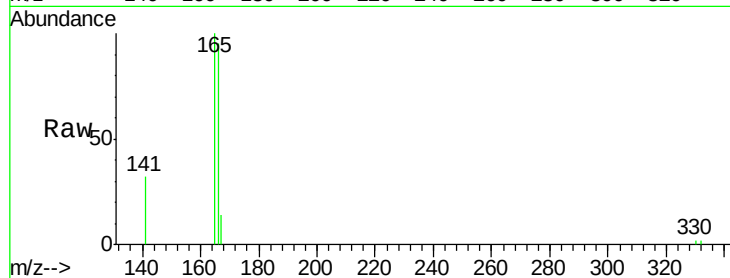
Tgt Ion:166 Resp: 3394

Ion Ratio Lower Upper

166 100

165 100.1 80.1 120.1

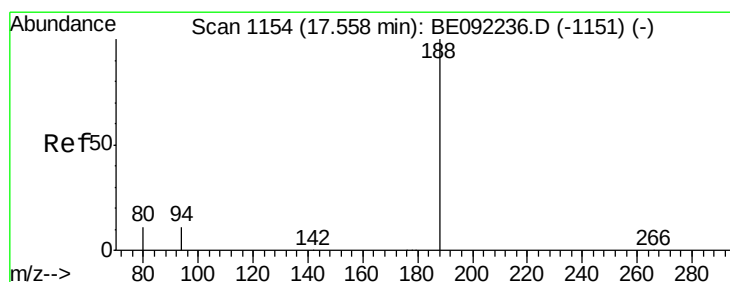
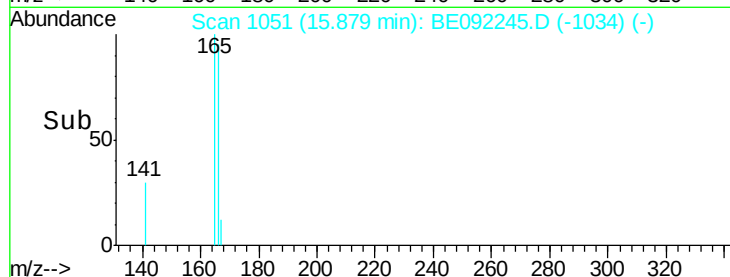
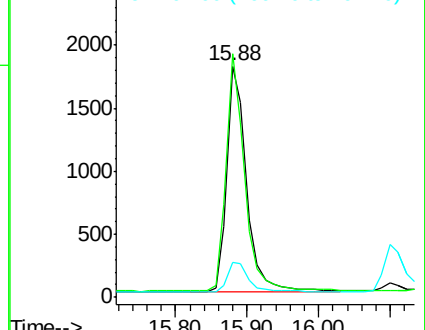
167 13.9 10.6 16.0



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: 17.56 min Scan# 1154

Delta R.T. 0.00 min

Lab File: BE092245.D

Acq: 10 Aug 2016 9:04

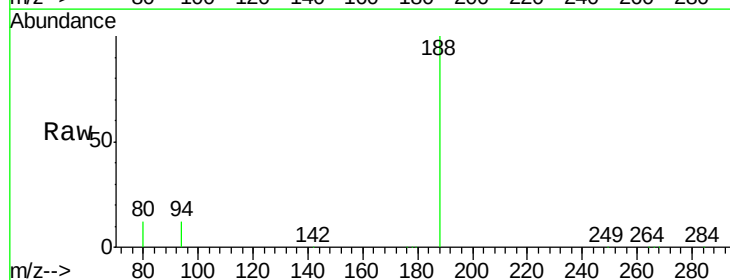
Tgt Ion:188 Resp: 63484

Ion Ratio Lower Upper

188 100

94 11.8 9.2 13.8

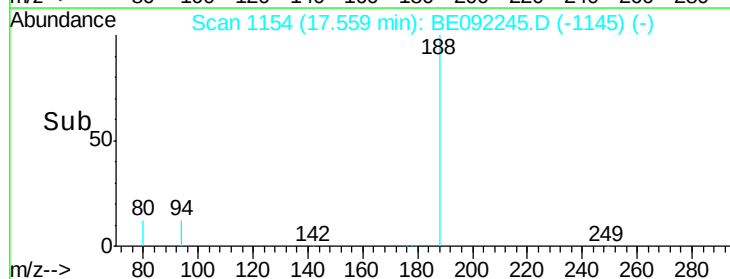
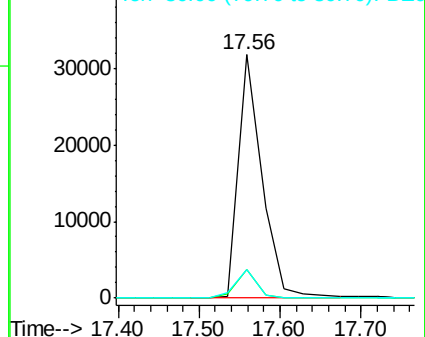
80 11.9 9.1 13.7

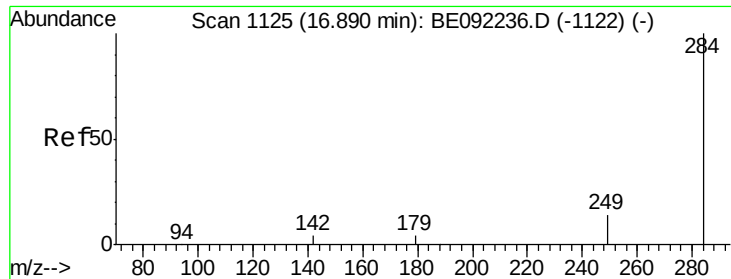


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0

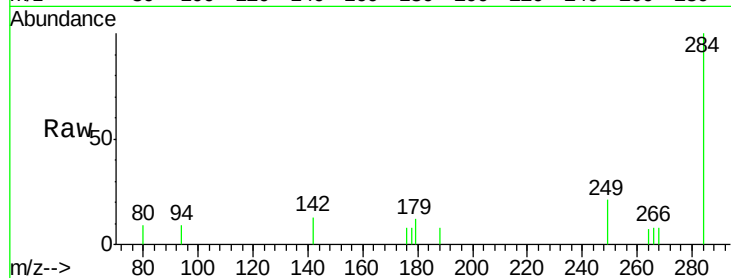




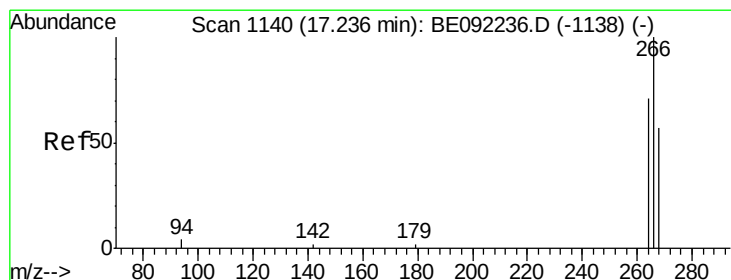
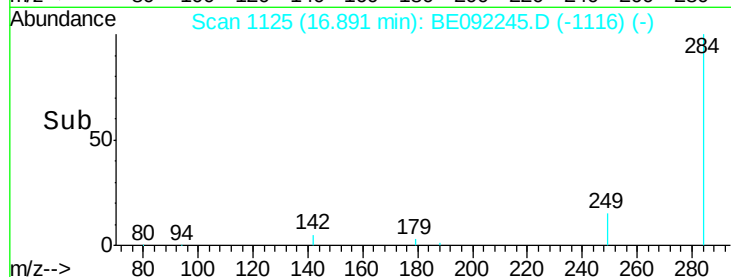
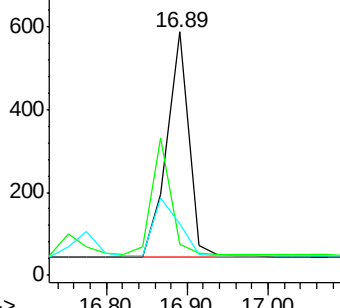
#19
Hexachlorobenzene
Concen: 0.40 ng
RT: 16.89 min Scan# 1125
Delta R.T. 0.00 min
Lab File: BE092245.D
Acq: 10 Aug 2016 9:04

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 284 Resp: 1020
Ion Ratio Lower Upper
284 100
142 0.0 0.0 0.0
249 0.0 0.0 0.0

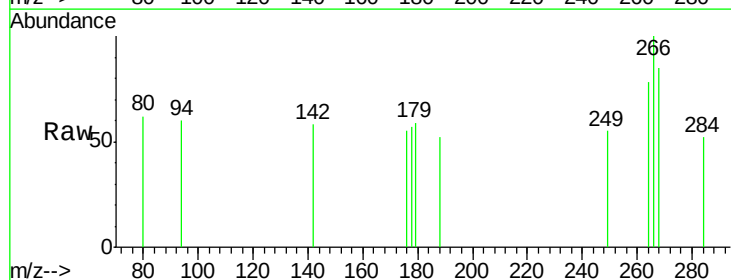


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

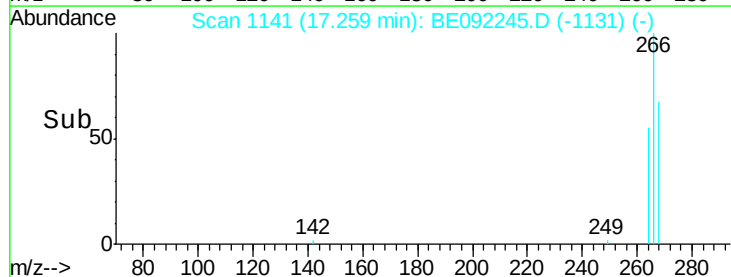
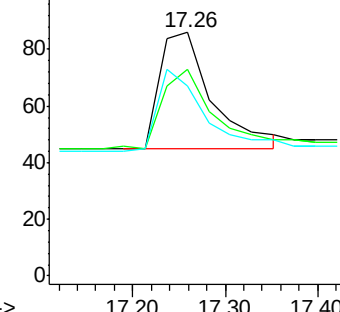


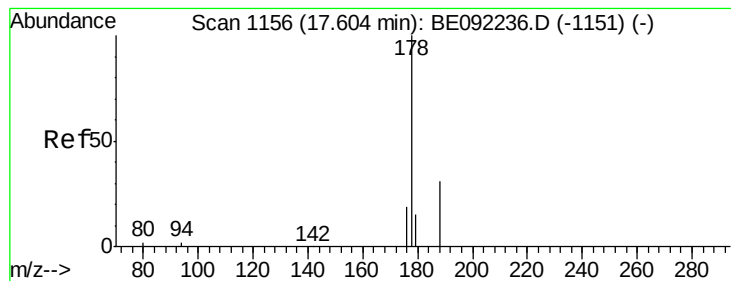
#20
Pentachlorophenol
Concen: 0.36 ng
RT: 17.26 min Scan# 1141
Delta R.T. 0.02 min
Lab File: BE092245.D
Acq: 10 Aug 2016 9:04

Tgt Ion: 266 Resp: 163
Ion Ratio Lower Upper
266 100
268 84.9 62.3 93.5
264 77.9 67.4 101.0



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: 0.39 ng

RT: 17.60 min Scan# 1156

Delta R.T. 0.00 min

Lab File: BE092245.D

Acq: 10 Aug 2016 9:04

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

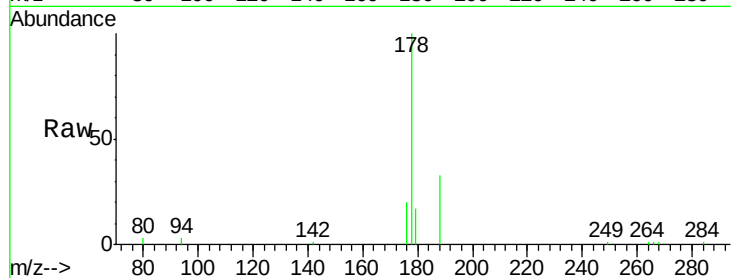
Tgt Ion:178 Resp: 6332

Ion Ratio Lower Upper

178 100

176 19.1 15.1 22.7

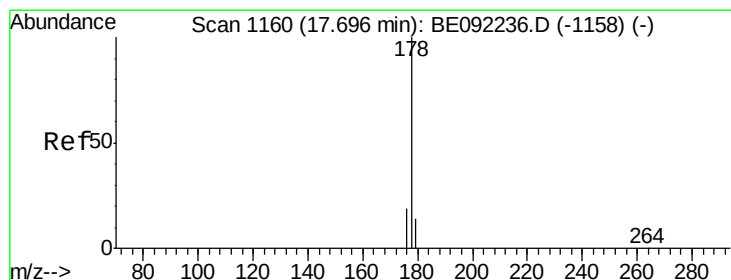
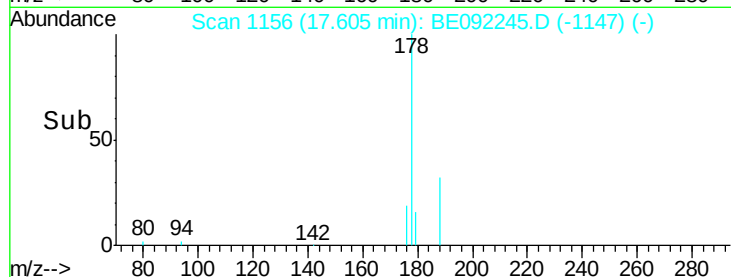
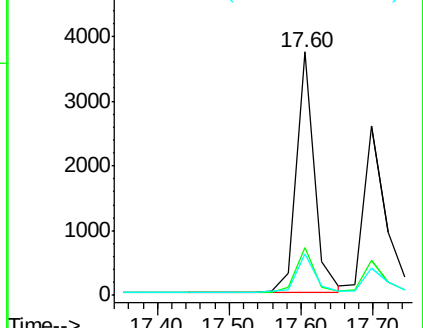
179 16.7 12.9 19.3



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: 0.36 ng

RT: 17.70 min Scan# 1160

Delta R.T. 0.00 min

Lab File: BE092245.D

Acq: 10 Aug 2016 9:04

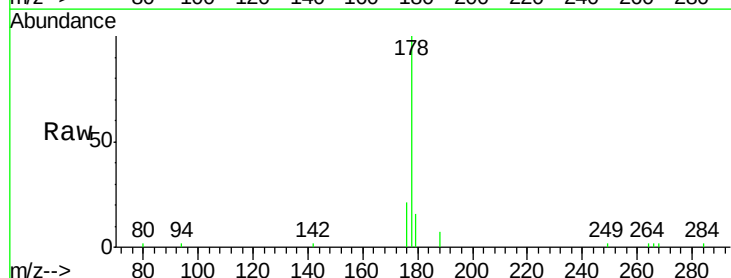
Tgt Ion:178 Resp: 5332

Ion Ratio Lower Upper

178 100

176 18.9 15.0 22.4

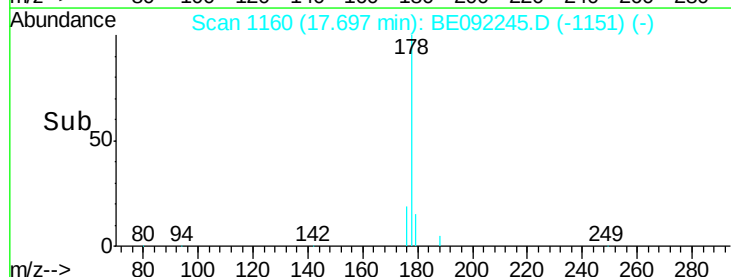
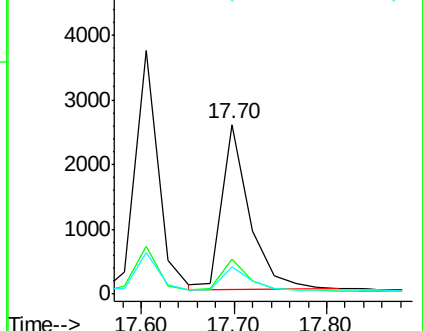
179 14.9 12.0 18.0

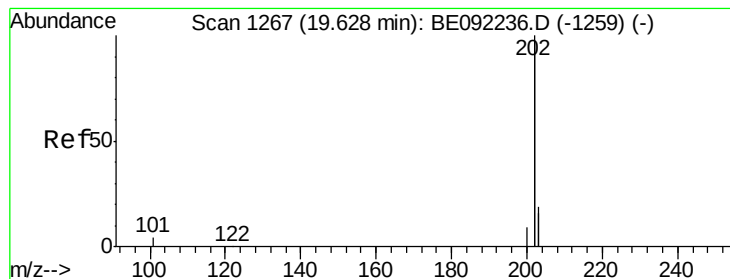


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#23

Fluoranthene

Concen: 0.37 ng

RT: 19.63 min Scan# 1267

Delta R.T. 0.00 min

Lab File: BE092245.D

Acq: 10 Aug 2016 9:04

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

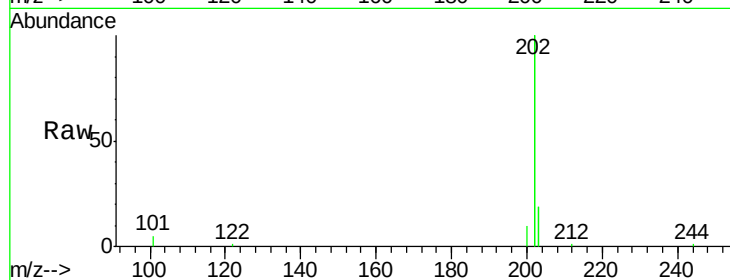
Tgt Ion:202 Resp: 24330

Ion Ratio Lower Upper

202 100

101 2.9 2.2 3.4

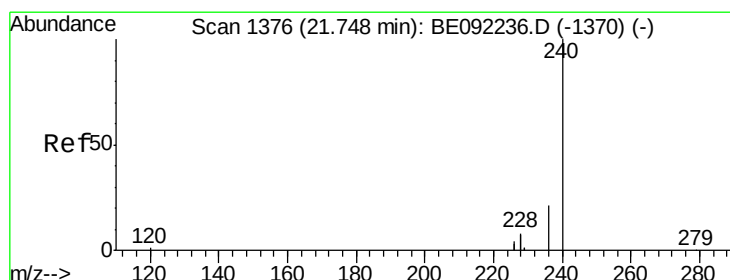
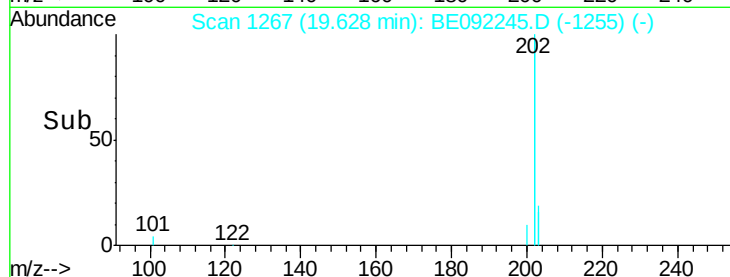
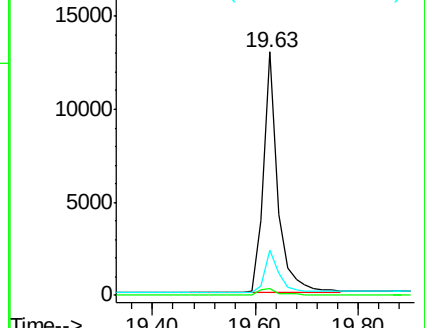
203 17.7 13.7 20.5



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# 1376

Delta R.T. 0.00 min

Lab File: BE092245.D

Acq: 10 Aug 2016 9:04

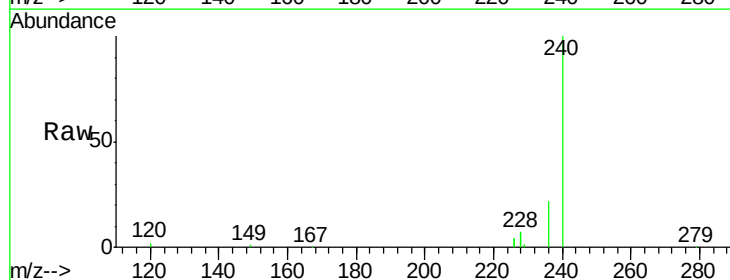
Tgt Ion:240 Resp: 56792

Ion Ratio Lower Upper

240 100

120 1.5 1.2 1.8

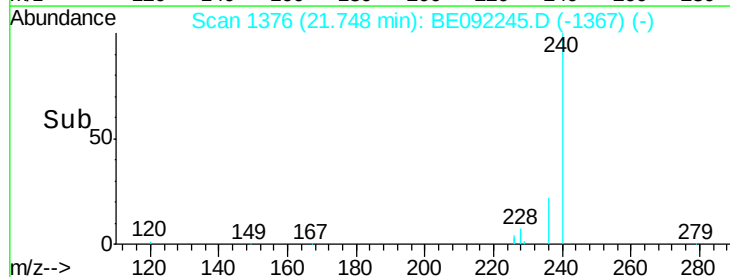
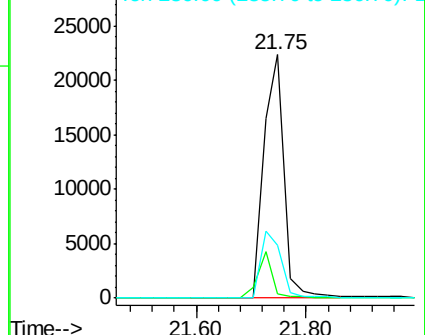
236 21.8 17.1 25.7

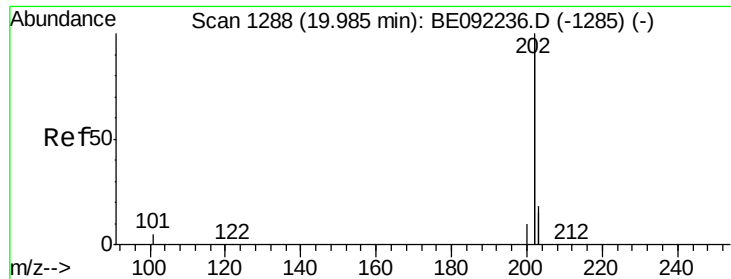


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

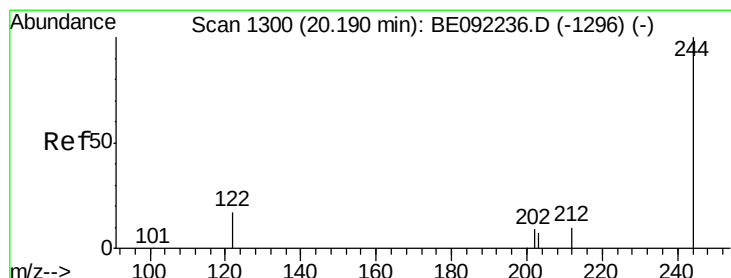
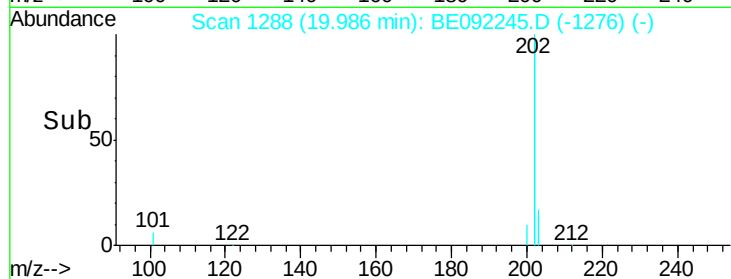
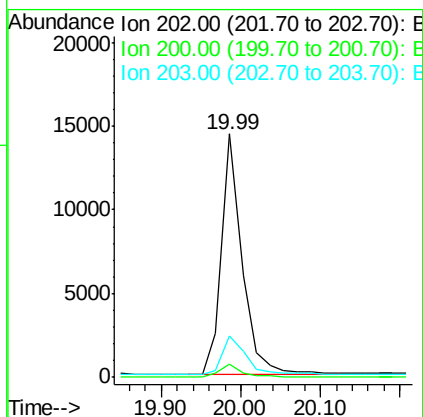
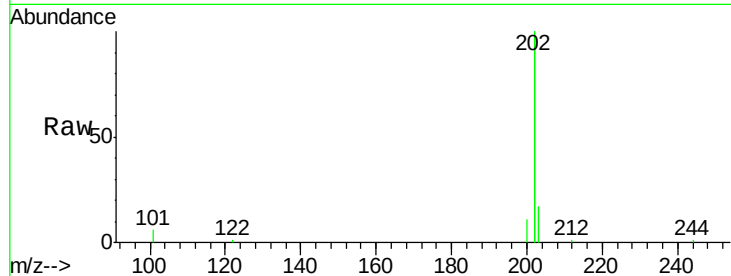




#25
 Pyrene
 Concen: 0.38 ng
 RT: 19.99 min Scan# 1288
 Delta R.T. 0.00 min
 Lab File: BE092245.D
 Acq: 10 Aug 2016 9:04

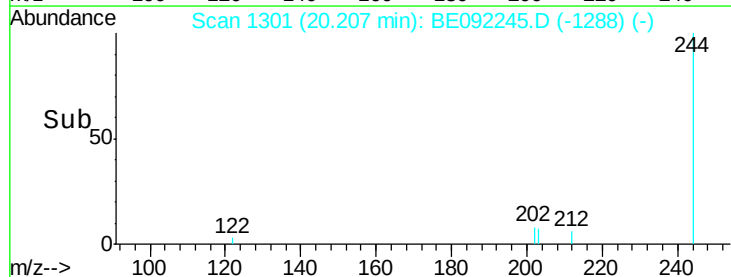
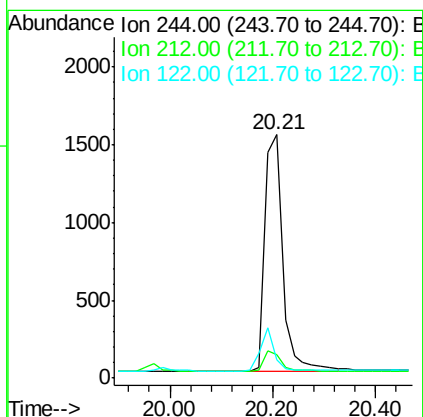
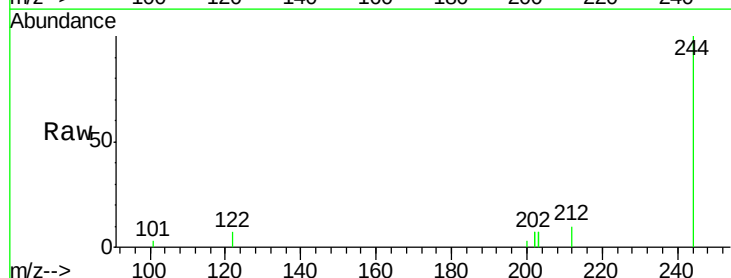
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

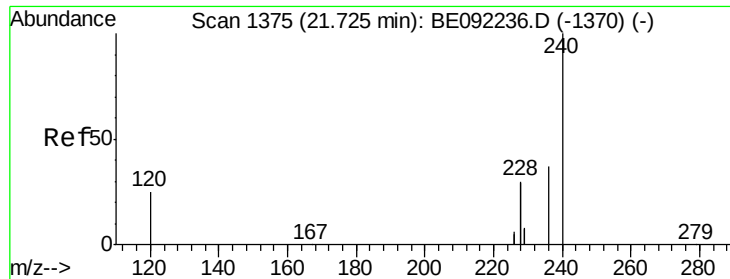
Tgt Ion: 202 Resp: 25520
 Ion Ratio Lower Upper
 202 100
 200 5.3 4.2 6.4
 203 17.4 14.0 21.0



#26
 Terphenyl-d14
 Concen: 0.38 ng
 RT: 20.21 min Scan# 1301
 Delta R.T. 0.02 min
 Lab File: BE092245.D
 Acq: 10 Aug 2016 9:04

Tgt Ion: 244 Resp: 3616
 Ion Ratio Lower Upper
 244 100
 212 9.8 10.2 15.2#
 122 7.3 15.9 23.9#

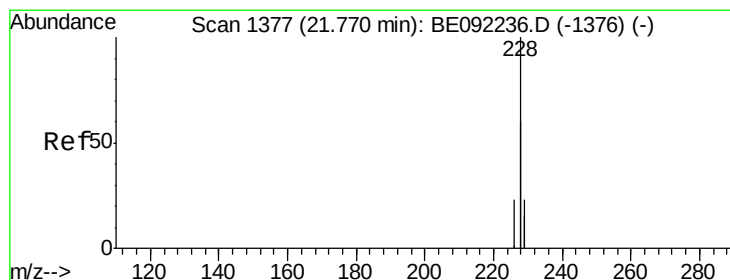
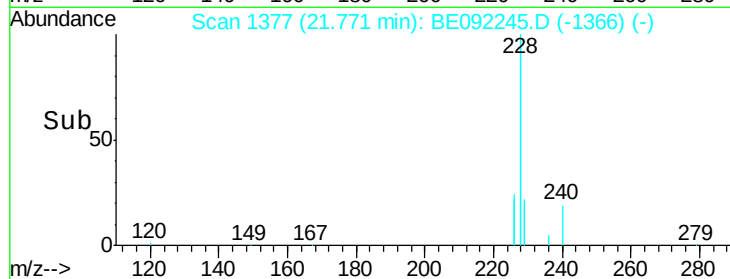
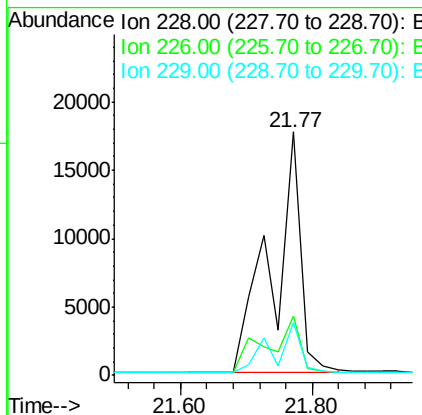
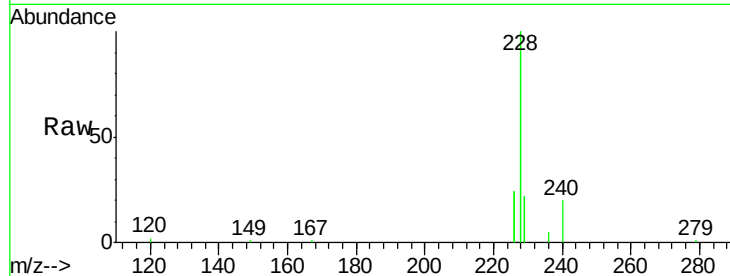




#27
Benzo(a)anthracene
Concen: 0.77 ng
RT: 21.77 min Scan# 1377
Delta R.T. 0.05 min
Lab File: BE092245.D
Acq: 10 Aug 2016 9:04

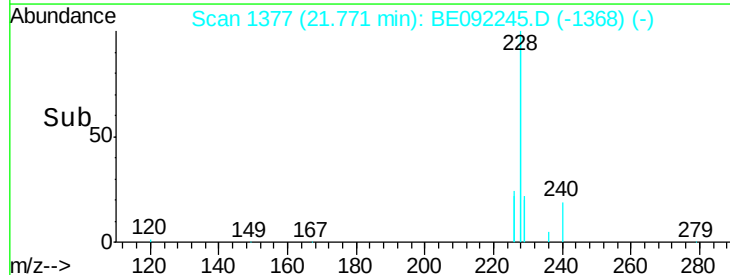
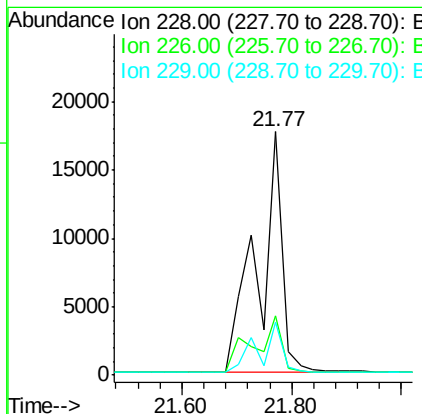
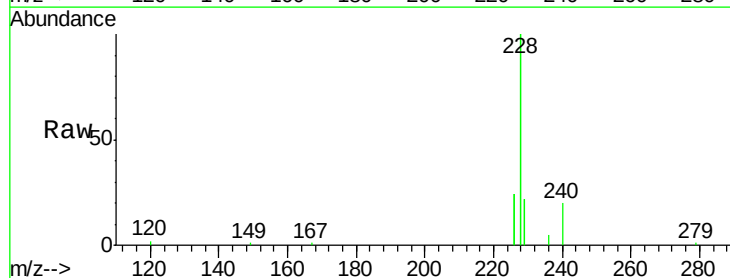
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

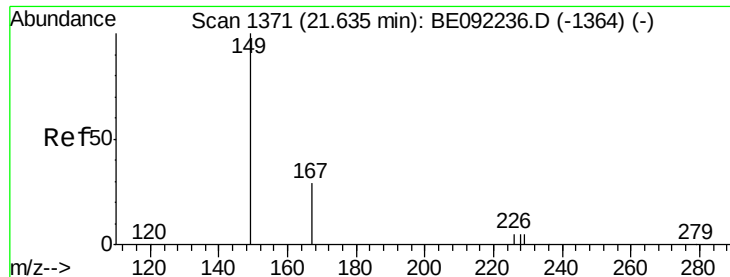
Tgt Ion:228 Resp: 52433
Ion Ratio Lower Upper
228 100
226 24.3 15.9 23.9#
229 21.7 22.4 33.6#



#28
Chrysene
Concen: 0.84 ng
RT: 21.77 min Scan# 1377
Delta R.T. 0.00 min
Lab File: BE092245.D
Acq: 10 Aug 2016 9:04

Tgt Ion:228 Resp: 52837
Ion Ratio Lower Upper
228 100
226 24.3 18.3 27.5
229 21.7 18.6 27.8





#29

Bis(2-ethylhexyl)phthalate

Concen: 0.46 ng

RT: 21.64 min Scan# 1371

Delta R.T. 0.00 min

Lab File: BE092245.D

Acq: 10 Aug 2016 9:04

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

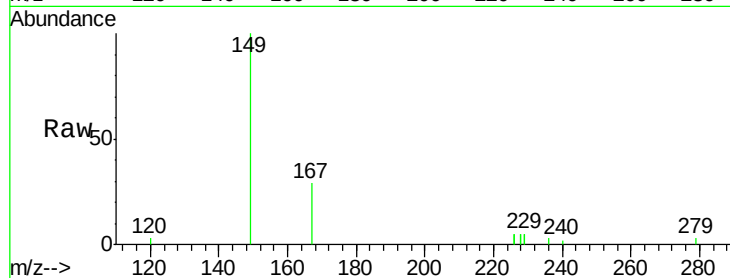
Tgt Ion:149 Resp: 2649

Ion Ratio Lower Upper

149 100

167 25.9 22.1 33.1

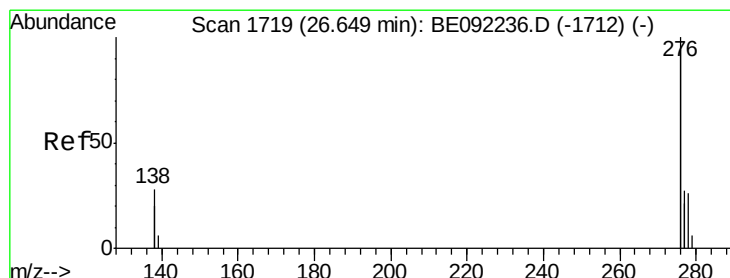
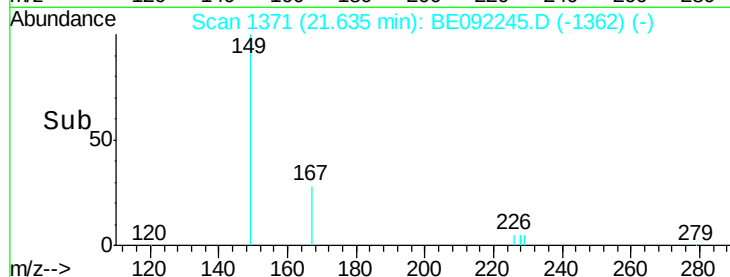
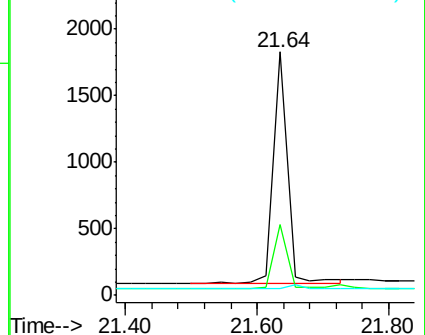
279 0.0 0.0 0.0



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: 0.36 ng

RT: 26.65 min Scan# 1719

Delta R.T. 0.00 min

Lab File: BE092245.D

Acq: 10 Aug 2016 9:04

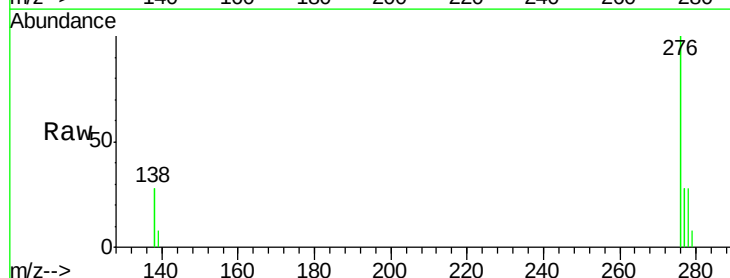
Tgt Ion:276 Resp: 24316

Ion Ratio Lower Upper

276 100

138 27.0 21.3 31.9

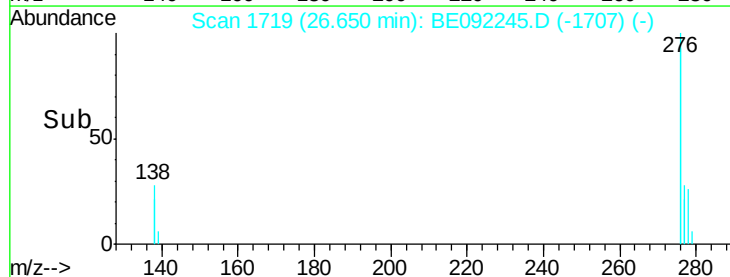
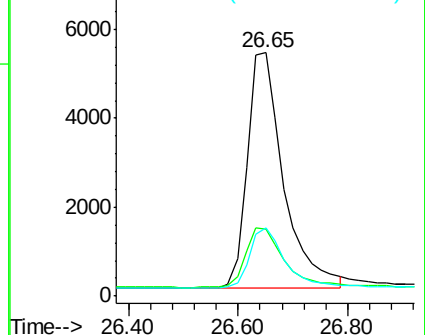
277 24.9 19.7 29.5

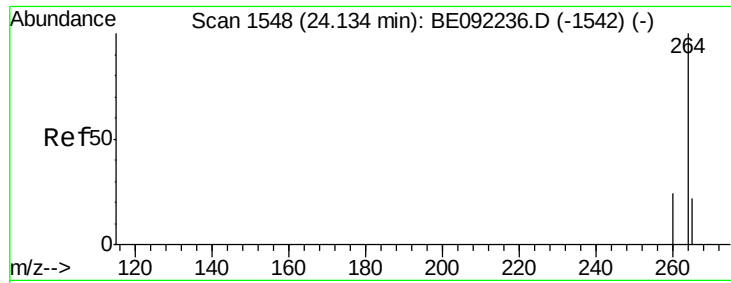


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

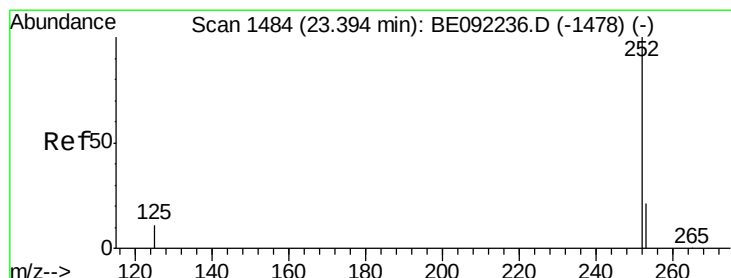
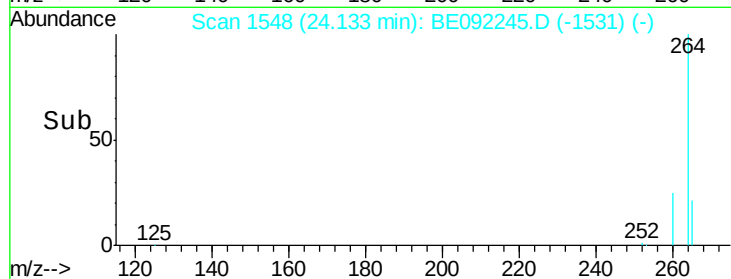
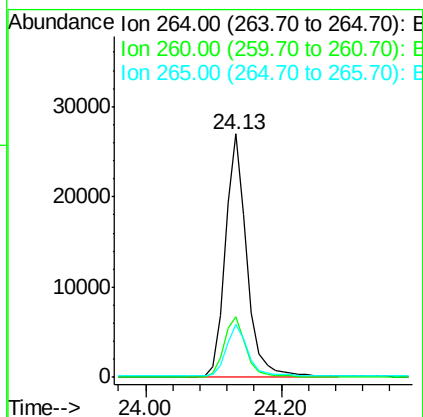
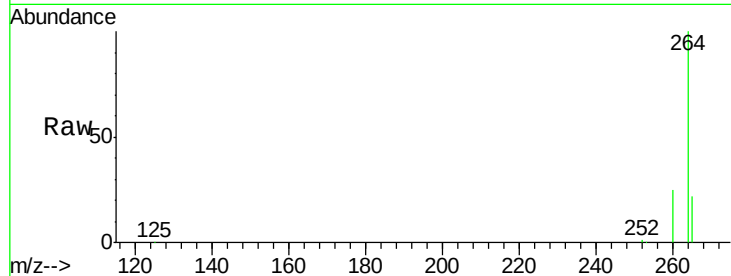




#31
Perylene-d12
 Concen: 5.00 ng
 RT: 24.13 min Scan# 1548
 Delta R.T. -0.00 min
 Lab File: BE092245.D
 Acq: 10 Aug 2016 9:04

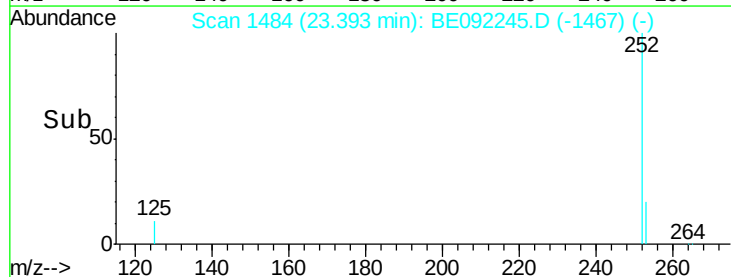
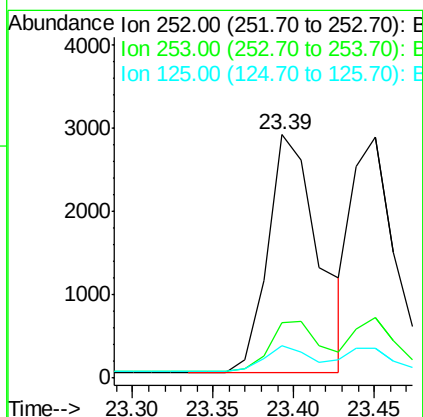
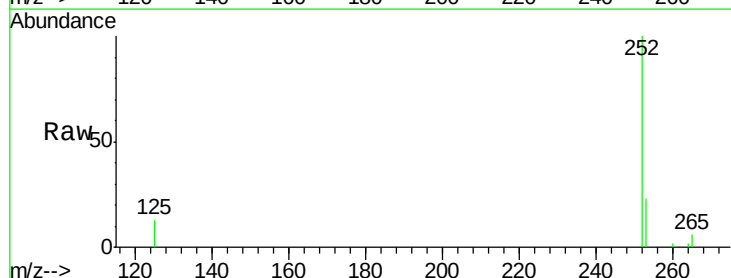
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

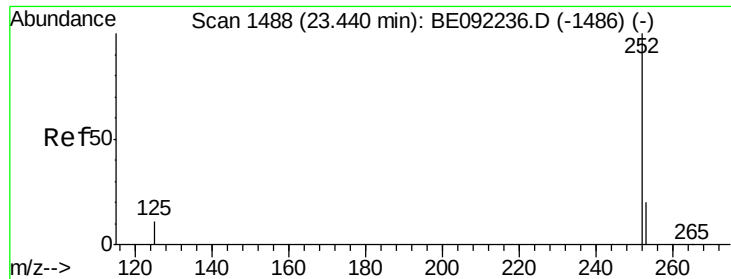
Tgt Ion: 264 Resp: 59560
 Ion Ratio Lower Upper
 264 100
 260 24.9 19.5 29.3
 265 21.8 18.2 27.4



#32
Benzo(b)fluoranthene
 Concen: 0.40 ng
 RT: 23.39 min Scan# 1484
 Delta R.T. -0.00 min
 Lab File: BE092245.D
 Acq: 10 Aug 2016 9:04

Tgt Ion: 252 Resp: 6307
 Ion Ratio Lower Upper
 252 100
 253 22.7 19.0 28.4
 125 13.5 10.3 15.5





#33

Benzo(k)fluoranthene

Concen: 0.35 ng

RT: 23.45 min Scan# 1489

Delta R.T. 0.01 min

Lab File: BE092245.D

Acq: 10 Aug 2016 9:04

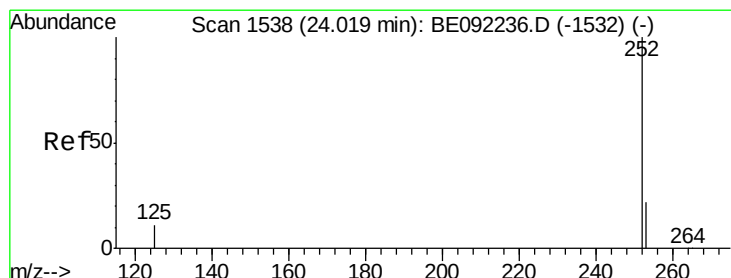
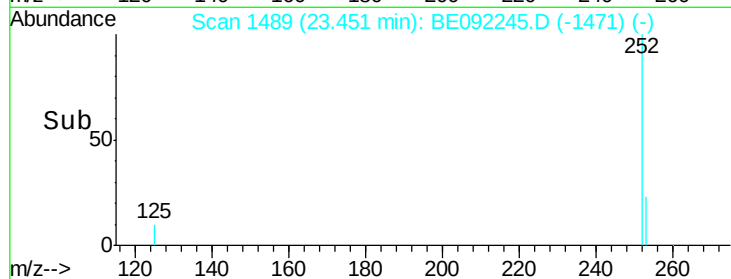
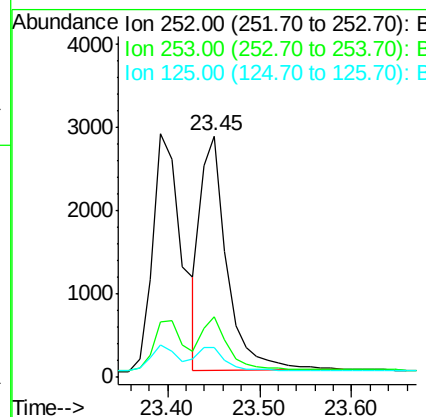
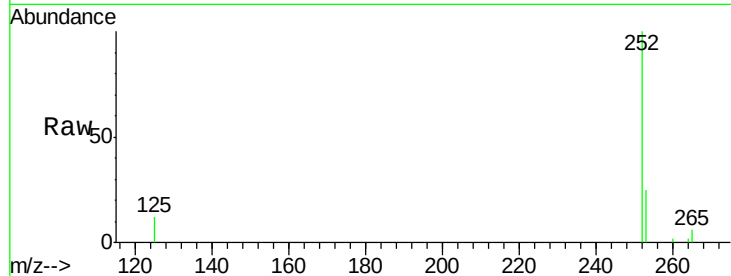
Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tgt Ion:	252	Resp:	5577
Ion	Ratio	Lower	Upper
252	100		
253	25.0	19.0	28.6
125	12.1	10.6	15.8



#34

Benzo(a)pyrene

Concen: 0.36 ng

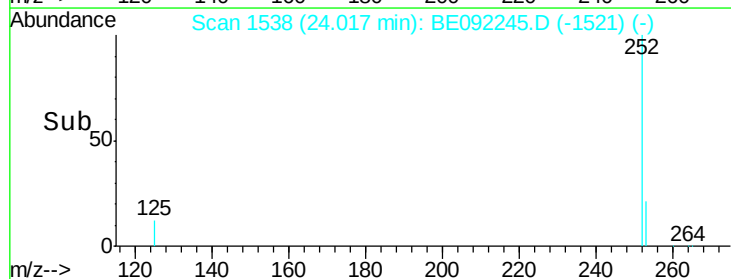
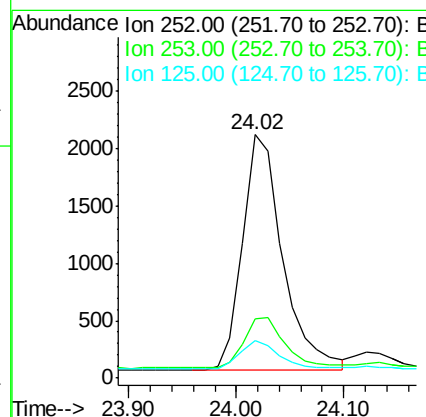
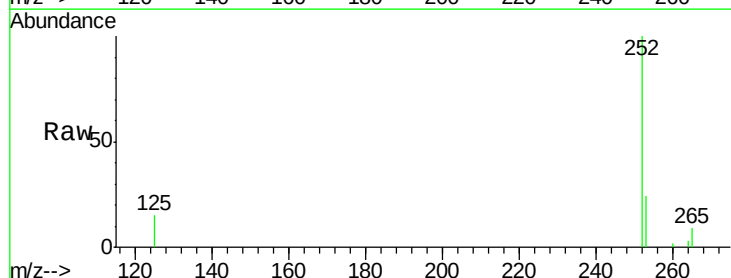
RT: 24.02 min Scan# 1538

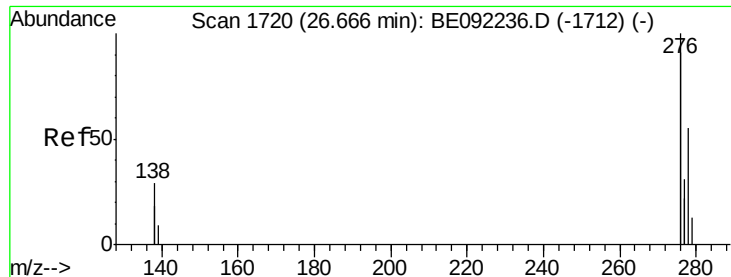
Delta R.T. -0.00 min

Lab File: BE092245.D

Acq: 10 Aug 2016 9:04

Tgt Ion:	252	Resp:	5319
Ion	Ratio	Lower	Upper
252	100		
253	24.2	20.3	30.5
125	15.4	11.8	17.6





#35

Dibenzo(a,h)anthracene

Concen: 0.35 ng

RT: 26.67 min Scan# 1720

Delta R.T. 0.00 min

Lab File: BE092245.D

Acq: 10 Aug 2016 9:04

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

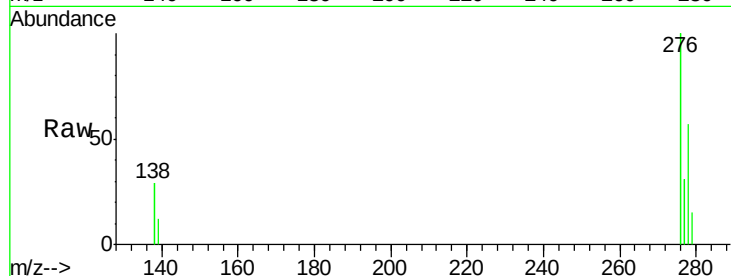
Tgt Ion: 278 Resp: 4851

Ion Ratio Lower Upper

278 100

139 20.5 16.2 24.2

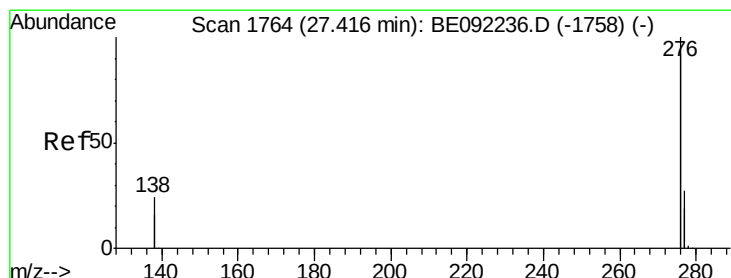
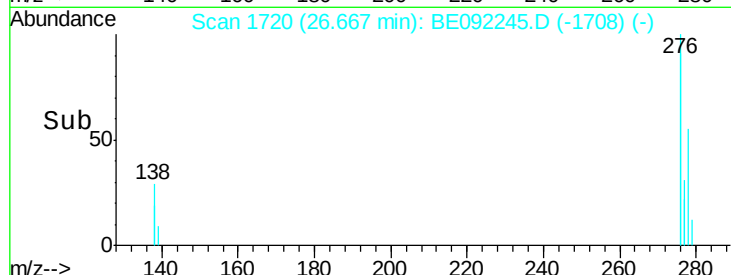
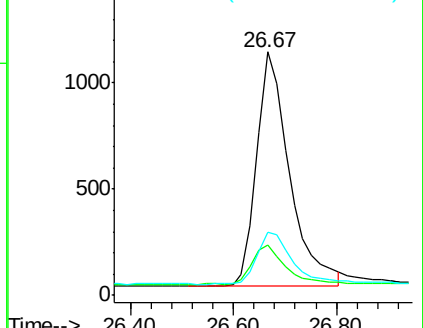
279 26.2 21.4 32.2



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: 27.42 min Scan# 1764

Delta R.T. 0.00 min

Lab File: BE092245.D

Acq: 10 Aug 2016 9:04

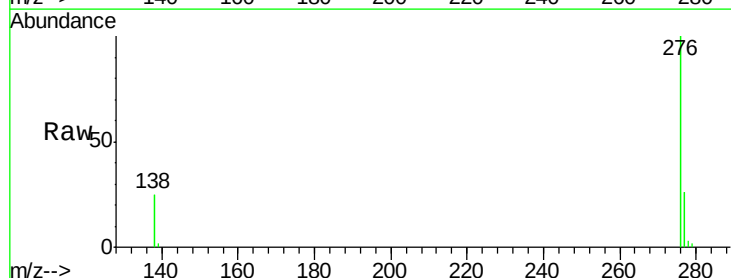
Tgt Ion: 276 Resp: 21823

Ion Ratio Lower Upper

276 100

277 26.2 21.4 32.2

138 24.9 19.4 29.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

