

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE032816\
 Data File : BE091541.D
 Acq On : 28 Mar 2016 15:57
 Operator : UM/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Mar 29 01:06:53 2016
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE032516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 25 19:00:32 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	33073	5.00	ng	0.00
6) Naphthalene-d8	10.59	136	157726	5.00	ng	0.00
10) Acenaphthene-d10	14.43	164	90173	5.00	ng	-0.01
16) Phenanthrene-d10	17.17	188	237725	5.00	ng	0.00
22) Chrysene-d12	21.34	240	238198	5.00	ng	0.00
28) Perylene-d12	23.78	264	259341	5.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.41	112	2553	0.40	ng	-0.02
5) Phenol-d6	6.97	99	3357	0.38	ng	-0.02
7) Nitrobenzene-d5	8.97	82	2702	0.39	ng	-0.01
11) 2,4,6-Tribromophenol	15.91	330	1133	0.74	ng	-0.01
12) 2-Fluorobiphenyl	13.06	172	10102	0.40	ng	-0.01
24) Terphenyl-d14	19.78	244	16067	0.41	ng	0.00

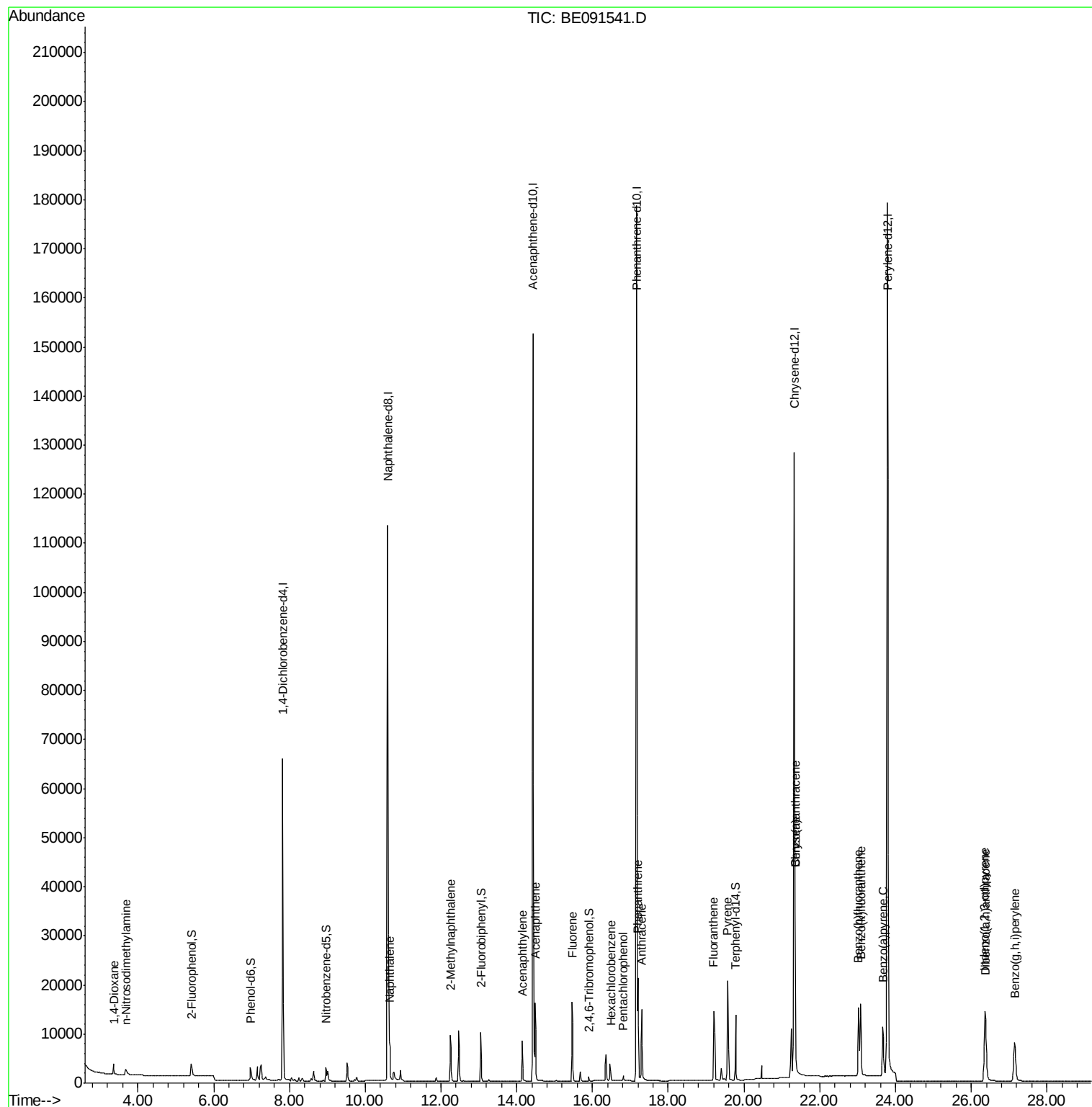
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.37	88	1814	0.41	ng	# 96
3) n-Nitrosodimethylamine	3.68	42	1562	0.41	ng	# 94
8) Naphthalene	10.65	128	12797	0.40	ng	# 93
9) 2-Methylnaphthalene	12.25	142	7566	0.38	ng	# 88
13) Acenaphthylene	14.15	152	11972	0.38	ng	97
14) Acenaphthene	14.49	154	9127	0.41	ng	99
15) Fluorene	15.47	166	10649	0.39	ng	100
17) Hexachlorobenzene	16.48	284	3263	0.39	ng	96
18) Pentachlorophenol	16.81	266	828	0.46	ng	98
19) Phenanthrene	17.21	178	21673	0.40	ng	100
20) Anthracene	17.30	178	17061	0.38	ng	100
21) Fluoranthene	19.21	202	19613	0.39	ng	99
23) Pyrene	19.57	202	21790	0.39	ng	97
25) Benzo(a)anthracene	21.36	228	50987	0.93	ng	96
26) Chrysene	21.36	228	51278	0.71	ng	# 90
27) Indeno(1,2,3-cd)pyrene	26.36	276	22234	0.40	ng	99
29) Benzo(b)fluoranthene	23.02	252	23703	0.41	ng	98
30) Benzo(k)fluoranthene	23.08	252	20006	0.35	ng	98
31) Benzo(a)pyrene	23.67	252	17371	0.49	ng	98
32) Dibenzo(a,h)anthracene	26.39	278	18932	0.37	ng	98
33) Benzo(g,h,i)perylene	27.15	276	19745	0.37	ng	100

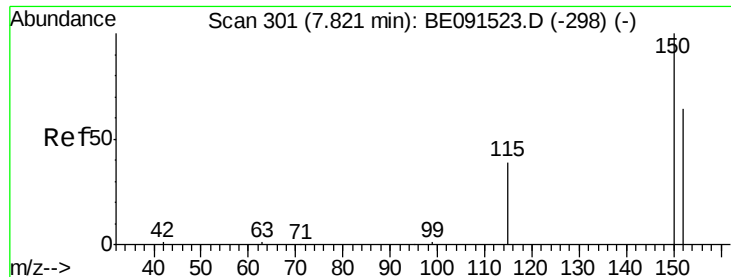
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE032816\
Data File : BE091541.D
Acq On : 28 Mar 2016 15:57
Operator : UM/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Mar 29 01:06:53 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE032516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 25 19:00:32 2016
Response via : Initial Calibration



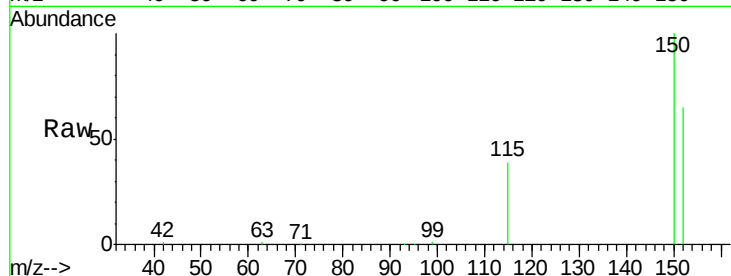


#1

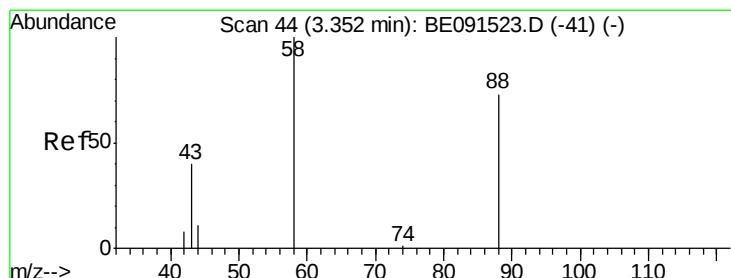
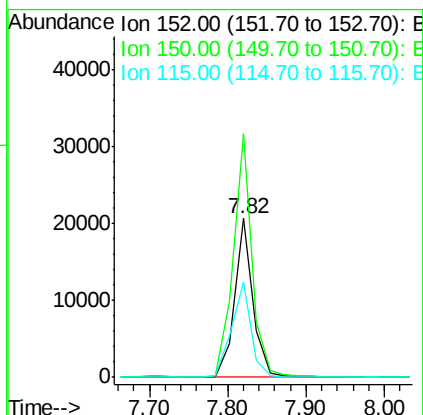
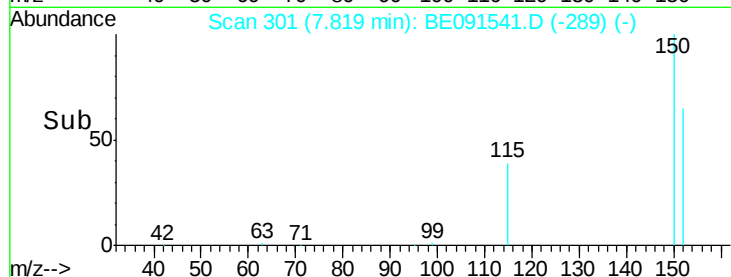
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.82 min Scan# 301
Delta R.T. 0.00 min
Lab File: BE091541.D
Acq: 28 Mar 2016 15:57

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 152 Resp: 33073
Ion Ratio Lower Upper
152 100
150 153.4 122.2 183.2
115 60.0 45.9 68.9



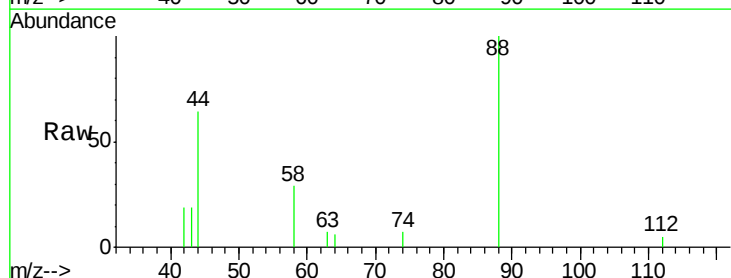
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



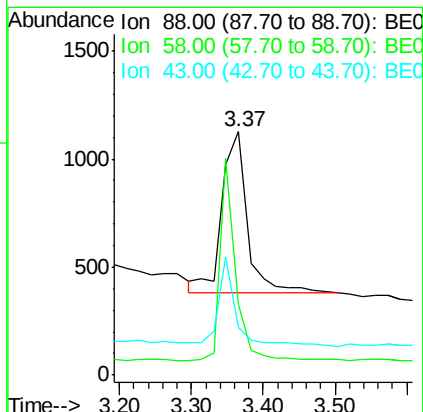
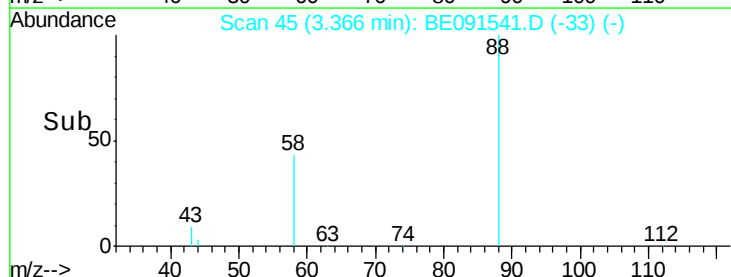
#2

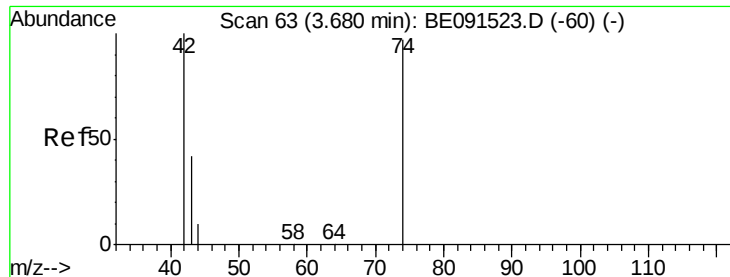
1,4-Dioxane
Concen: 0.41 ng
RT: 3.37 min Scan# 45
Delta R.T. 0.00 min
Lab File: BE091541.D
Acq: 28 Mar 2016 15:57

Tgt Ion: 88 Resp: 1814
Ion Ratio Lower Upper
88 100
58 76.8 61.0 91.6
43 39.0 25.4 38.2#



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: 0.41 ng

RT: 3.68 min Scan# 63

Delta R.T. 0.00 min

Lab File: BE091541.D

Acq: 28 Mar 2016 15:57

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

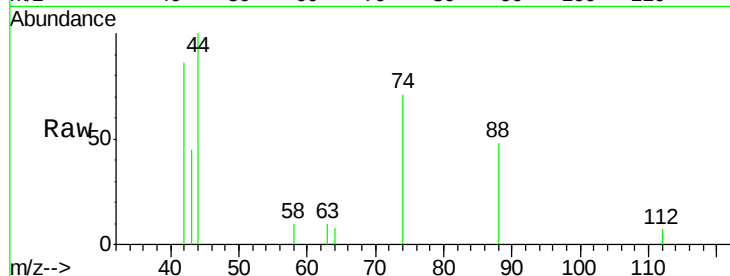
Tgt Ion: 42 Resp: 1562

Ion Ratio Lower Upper

42 100

74 100.4 84.3 126.5

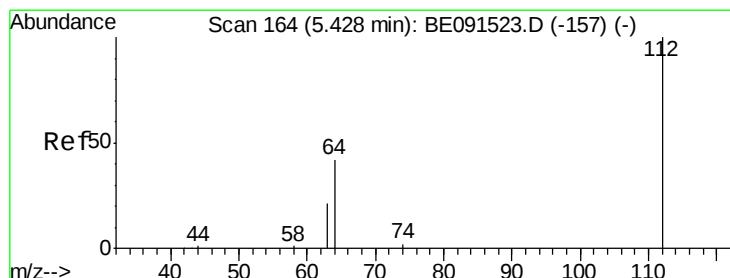
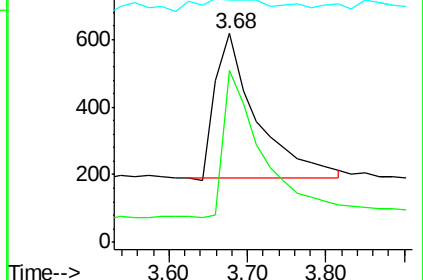
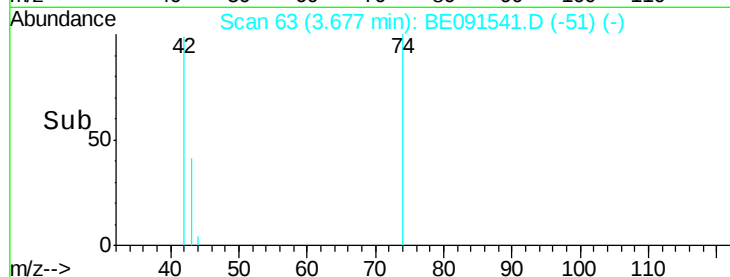
44 14.5 6.7 10.1#



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: 5.41 min Scan# 163

Delta R.T. -0.02 min

Lab File: BE091541.D

Acq: 28 Mar 2016 15:57

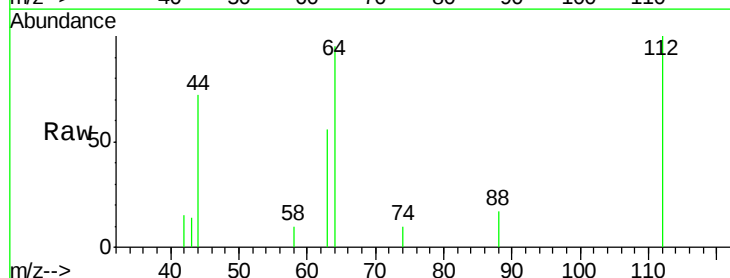
Tgt Ion: 112 Resp: 2553

Ion Ratio Lower Upper

112 100

64 70.6 53.3 79.9

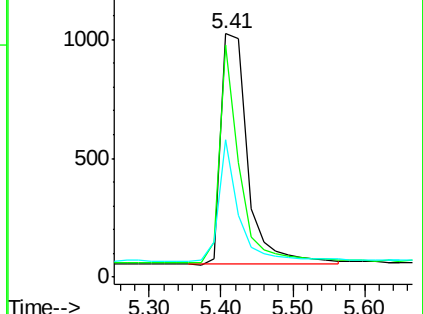
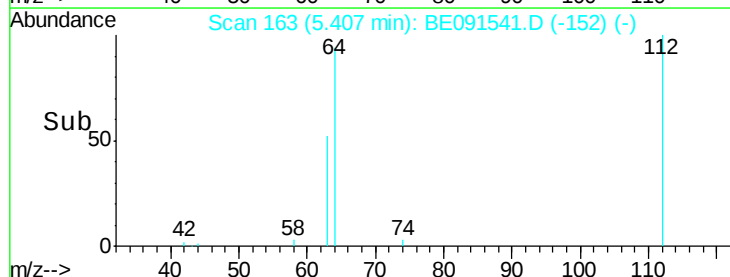
63 38.3 29.8 44.8

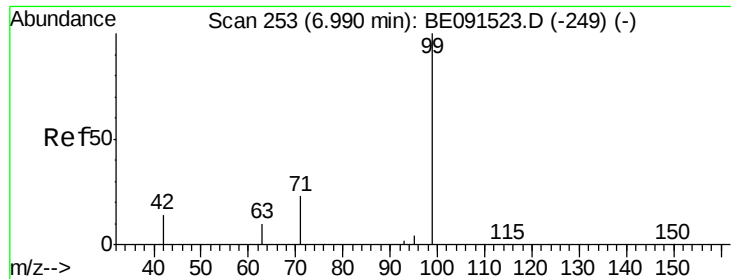


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.38 ng

RT: 6.97 min Scan# 252

Delta R.T. -0.02 min

Lab File: BE091541.D

Acq: 28 Mar 2016 15:57

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

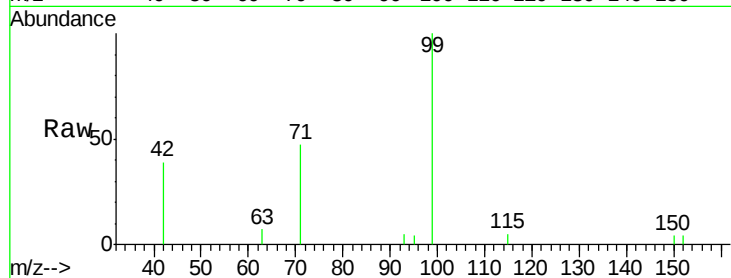
Tgt Ion: 99 Resp: 3357

Ion Ratio Lower Upper

99 100

42 28.6 20.6 30.8

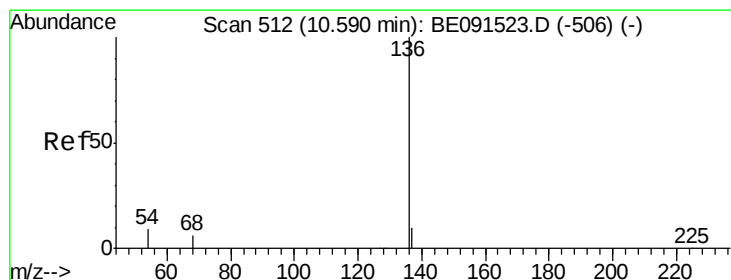
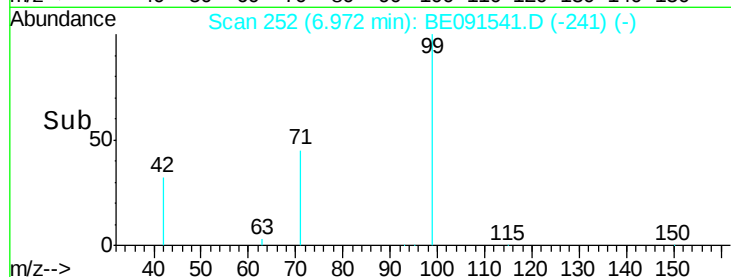
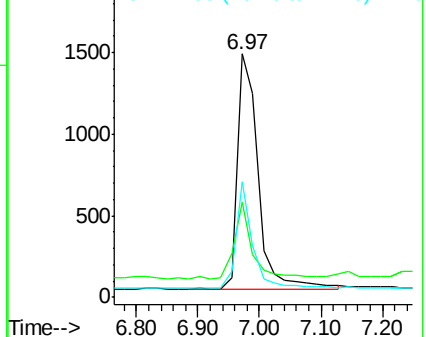
71 36.6 29.0 43.4



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

Naphthalene-d8

Concen: 5.00 ng

RT: 10.59 min Scan# 512

Delta R.T. 0.00 min

Lab File: BE091541.D

Acq: 28 Mar 2016 15:57

Tgt Ion: 136 Resp: 157726

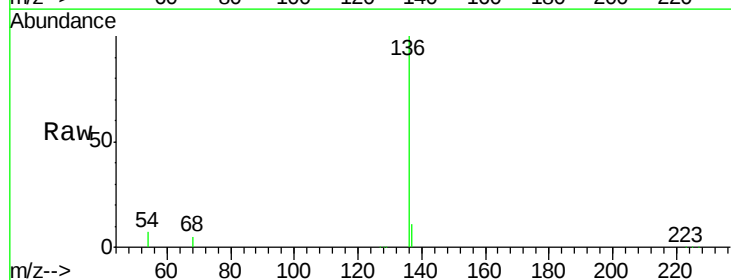
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 7.3 5.2 7.8

68 5.3 4.1 6.1

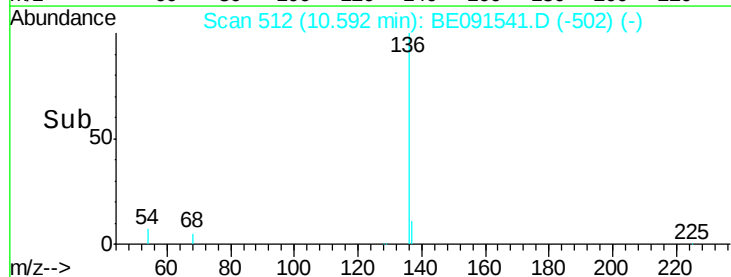
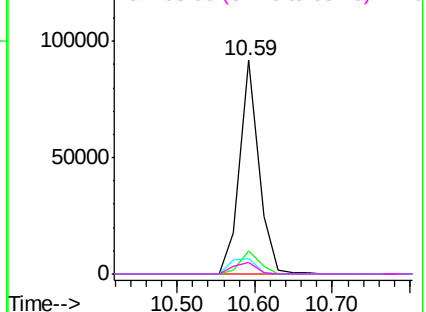


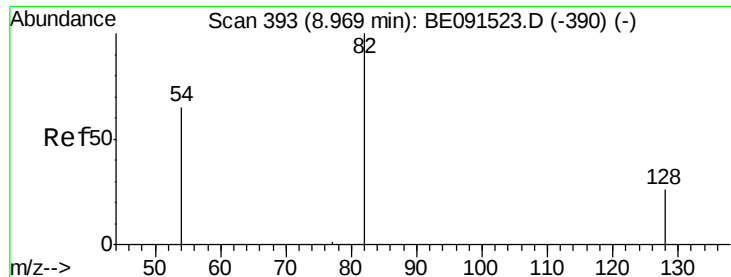
Abundance Ion 136.00 (135.70 to 136.70): E

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





#7

Nitrobenzene-d5

Concen: 0.39 ng

RT: 8.97 min Scan# 393

Delta R.T. -0.01 min

Lab File: BE091541.D

Acq: 28 Mar 2016 15:57

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

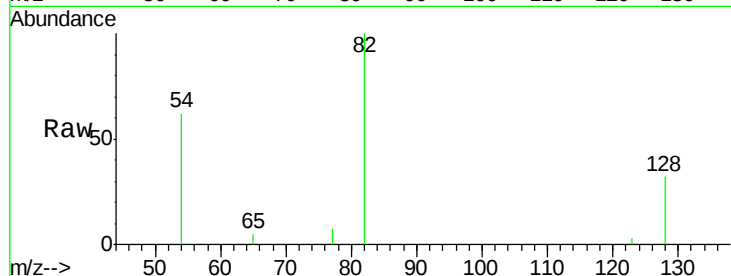
Tgt Ion: 82 Resp: 2702

Ion Ratio Lower Upper

82 100

128 31.7 23.5 35.3

54 61.9 52.4 78.6



Abundance Ion 82.00 (81.70 to 82.70): BE091523.D (-390) (-)

Ion 128.00 (127.70 to 128.70): BE091523.D (-390) (-)

Ion 54.00 (53.70 to 54.70): BE091523.D (-390) (-)

8.97

1500

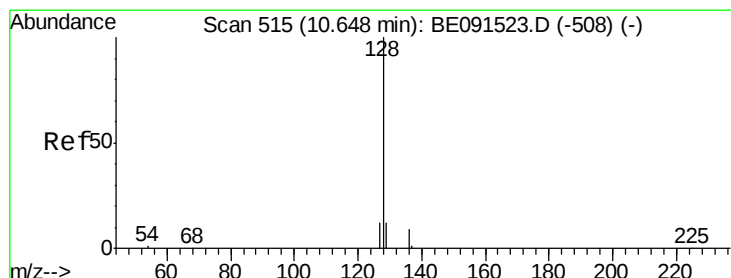
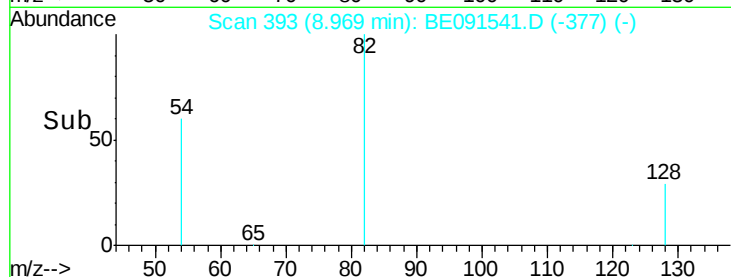
1000

500

0

8.90 9.00 9.10 9.20

Time-->



#8

Naphthalene

Concen: 0.40 ng

RT: 10.65 min Scan# 515

Delta R.T. 0.00 min

Lab File: BE091541.D

Acq: 28 Mar 2016 15:57

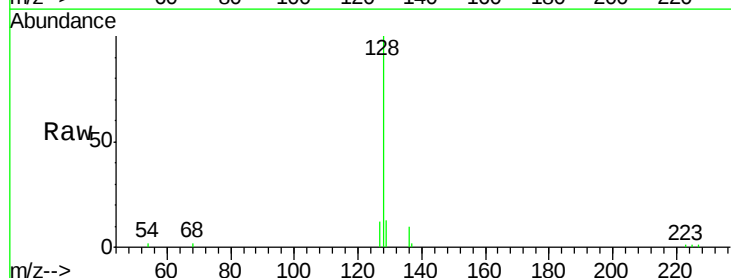
Tgt Ion: 128 Resp: 12797

Ion Ratio Lower Upper

128 100

129 12.8 8.2 12.2#

127 11.8 11.8 17.8#



Abundance Ion 128.00 (127.70 to 128.70): BE091523.D (-508) (-)

Ion 129.00 (128.70 to 129.70): BE091523.D (-508) (-)

Ion 127.00 (126.70 to 127.70): BE091523.D (-508) (-)

10.65

6000

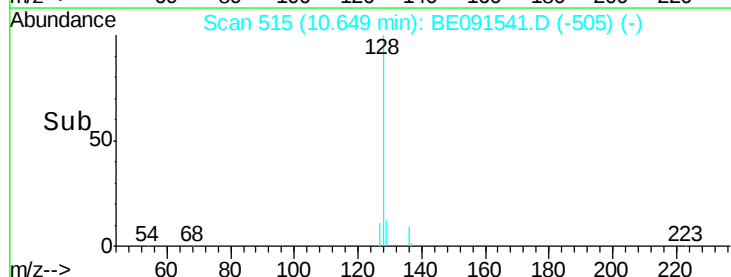
4000

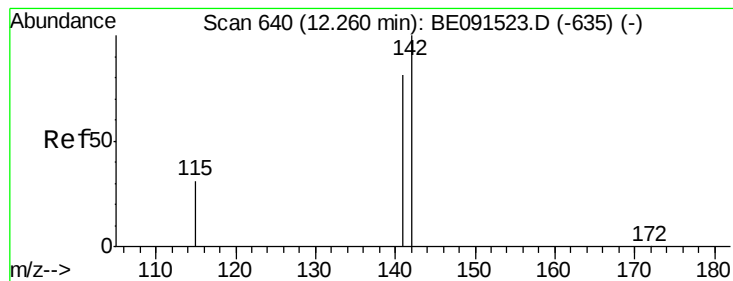
2000

0

10.40 10.60 10.80

Time-->





#9

2-Methylnaphthalene

Concen: 0.38 ng

RT: 12.25 min Scan# 639

Delta R.T. -0.01 min

Lab File: BE091541.D

Acq: 28 Mar 2016 15:57

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

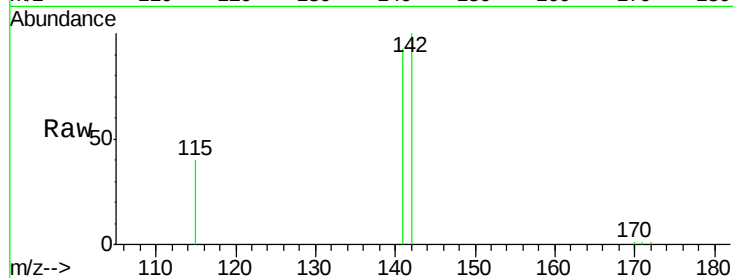
Tgt Ion:142 Resp: 7566

Ion Ratio Lower Upper

142 100

141 93.0 66.9 100.3

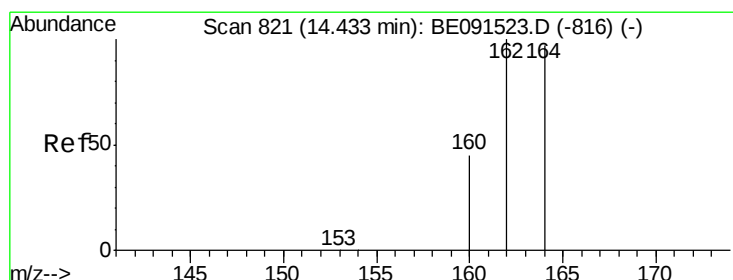
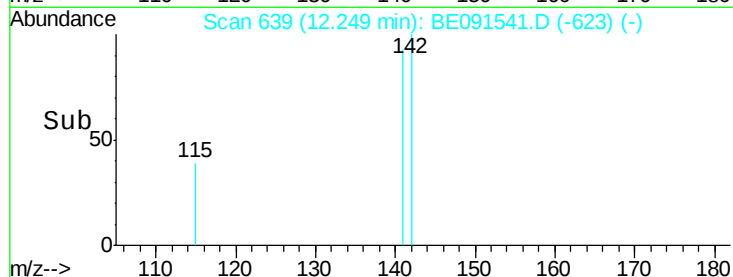
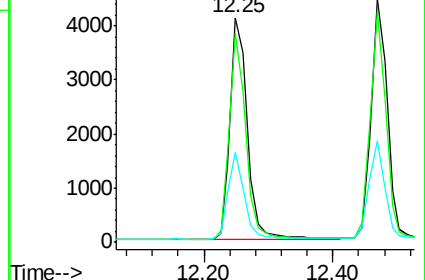
115 40.2 25.1 37.7#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#10

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.43 min Scan# 821

Delta R.T. -0.01 min

Lab File: BE091541.D

Acq: 28 Mar 2016 15:57

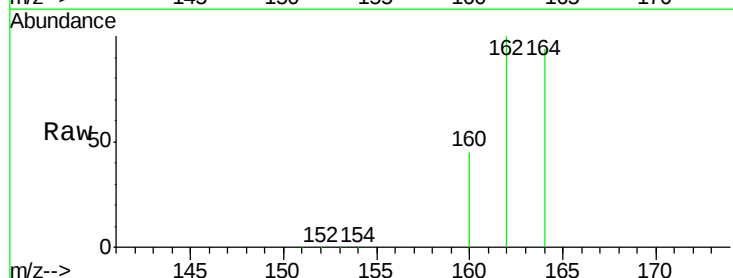
Tgt Ion:164 Resp: 90173

Ion Ratio Lower Upper

164 100

162 105.9 84.4 126.6

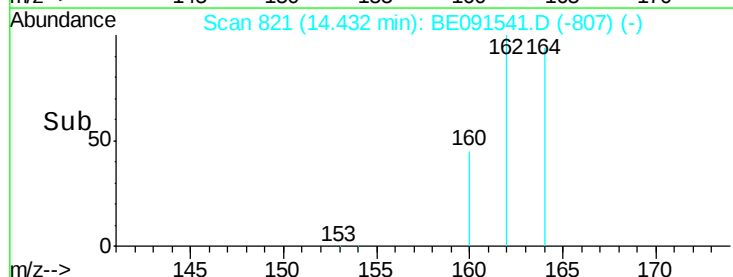
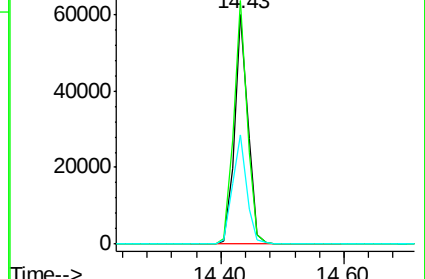
160 47.7 37.7 56.5

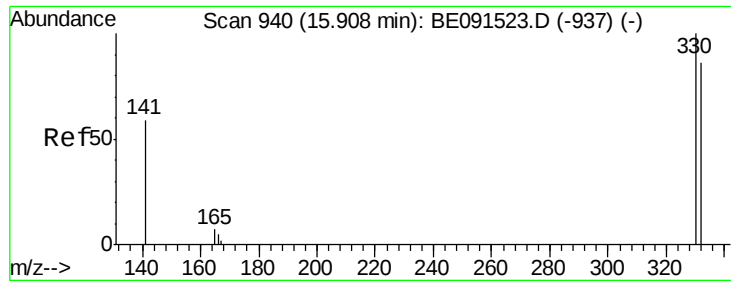


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

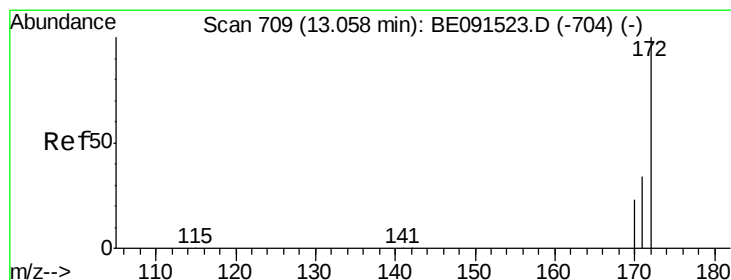
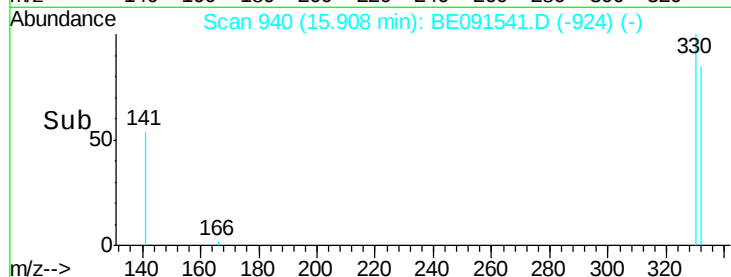
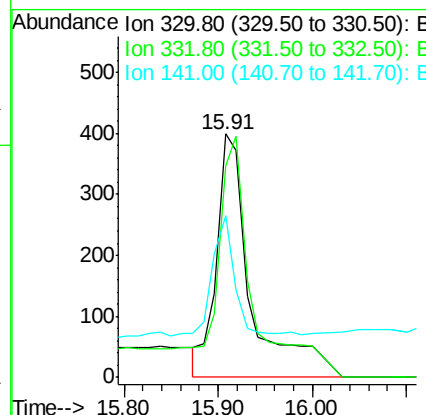
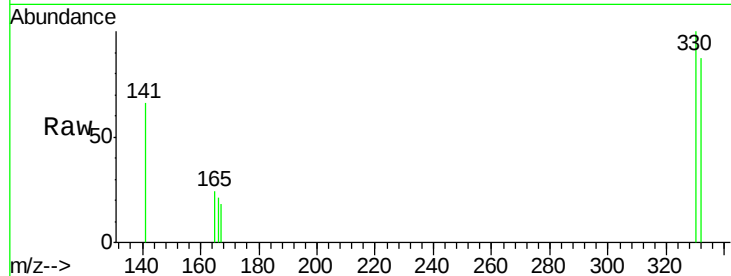




#11
 2,4,6-Tribromophenol
 Concen: 0.74 ng
 RT: 15.91 min Scan# 940
 Delta R.T. -0.01 min
 Lab File: BE091541.D
 Acq: 28 Mar 2016 15:57

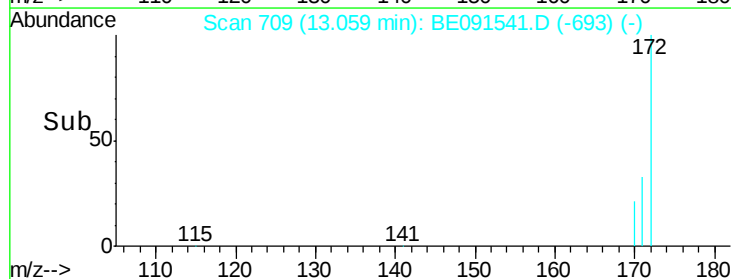
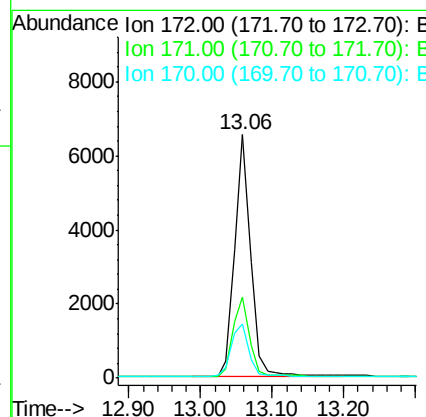
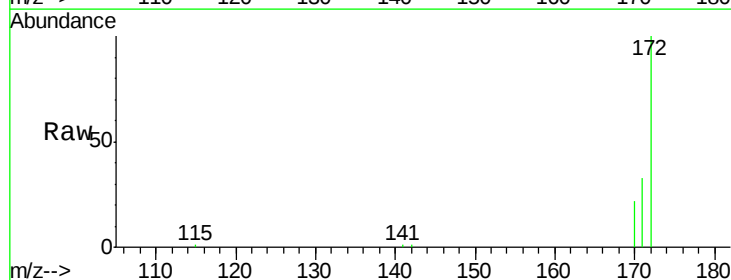
Instrument :
 BNA_E
 ClientSampleId :
 SSTCCCC0.4EC

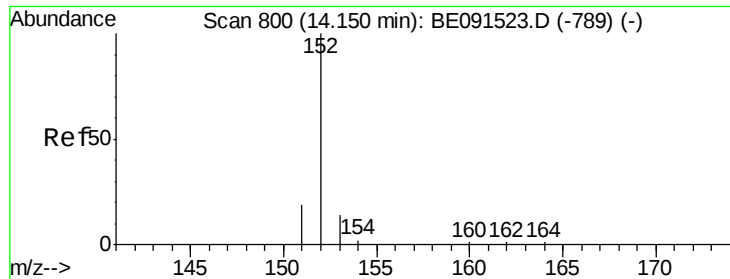
Tgt Ion: 330 Resp: 1133
 Ion Ratio Lower Upper
 330 100
 332 97.8 79.2 118.8
 141 28.9 28.1 42.1



#12
 2-Fluorobiphenyl
 Concen: 0.40 ng
 RT: 13.06 min Scan# 709
 Delta R.T. -0.01 min
 Lab File: BE091541.D
 Acq: 28 Mar 2016 15:57

Tgt Ion: 172 Resp: 10102
 Ion Ratio Lower Upper
 172 100
 171 33.1 29.8 44.8
 170 22.0 21.4 32.2





#13

Acenaphthylene

Concen: 0.38 ng

RT: 14.15 min Scan# 800

Delta R.T. 0.00 min

Lab File: BE091541.D

Acq: 28 Mar 2016 15:57

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

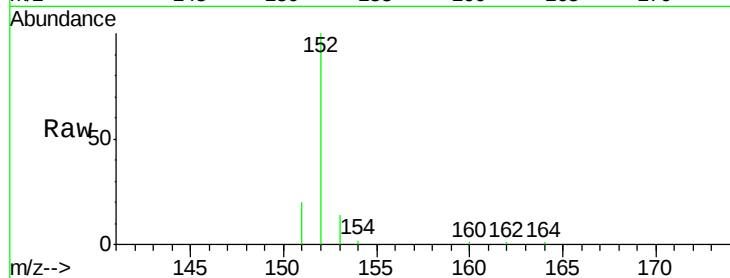
Tgt Ion:152 Resp: 11972

Ion Ratio Lower Upper

152 100

151 18.6 16.3 24.5

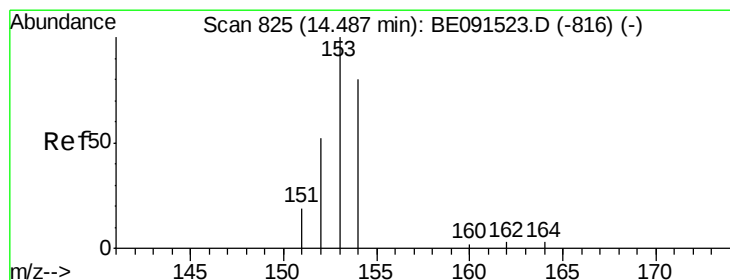
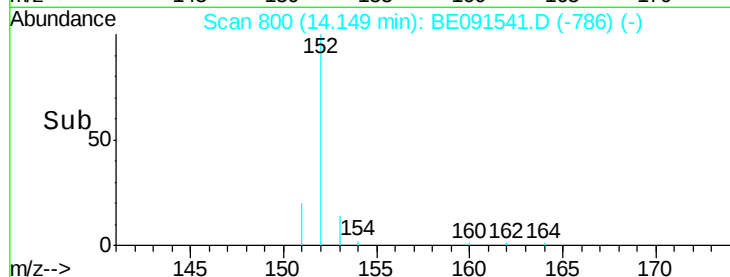
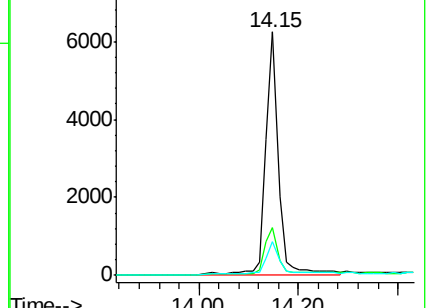
153 12.8 11.1 16.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#14

Acenaphthene

Concen: 0.41 ng

RT: 14.49 min Scan# 825

Delta R.T. -0.01 min

Lab File: BE091541.D

Acq: 28 Mar 2016 15:57

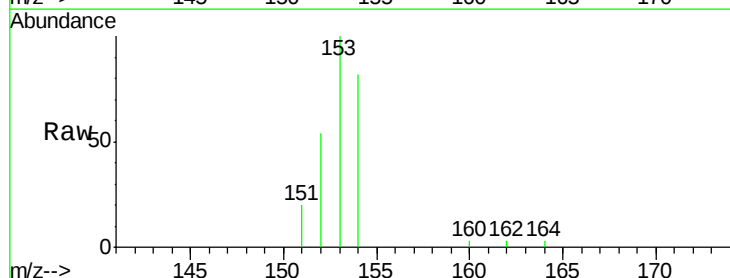
Tgt Ion:154 Resp: 9127

Ion Ratio Lower Upper

154 100

153 108.1 87.3 130.9

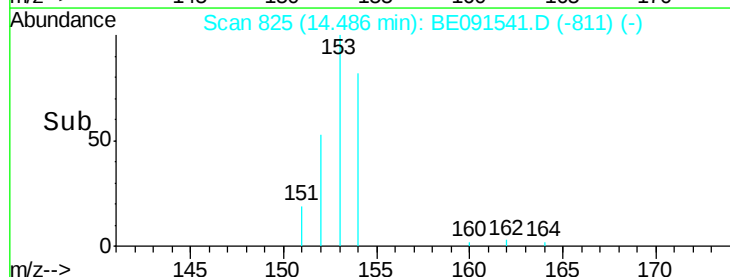
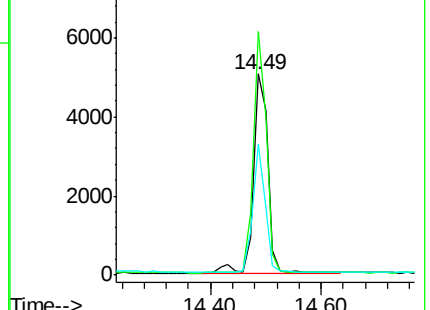
152 54.6 42.9 64.3

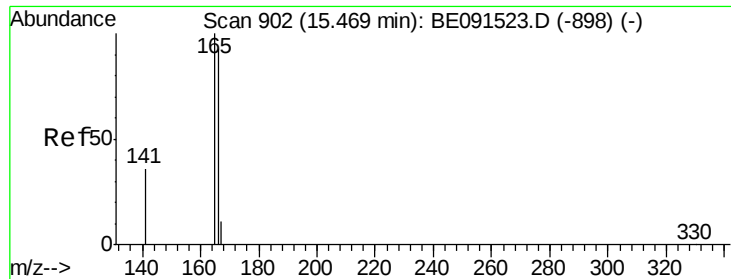


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#15

Fluorene

Concen: 0.39 ng

RT: 15.47 min Scan# 902

Delta R.T. -0.01 min

Lab File: BE091541.D

Acq: 28 Mar 2016 15:57

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

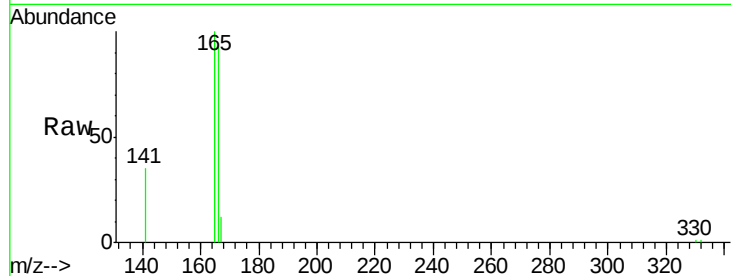
Tgt Ion:166 Resp: 10649

Ion Ratio Lower Upper

166 100

165 99.2 79.2 118.8

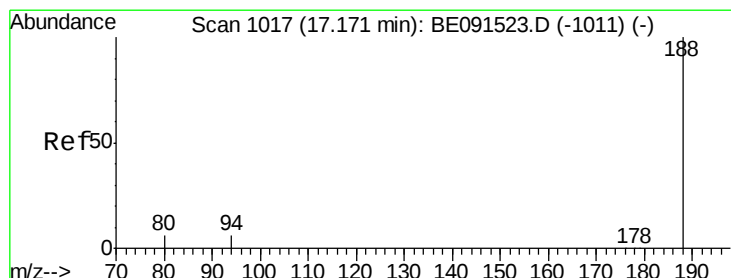
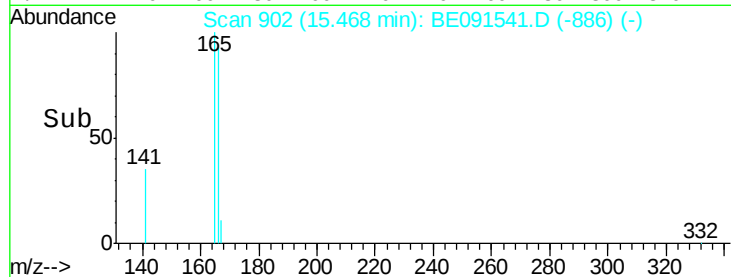
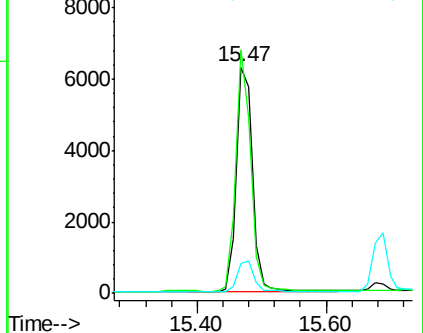
167 13.5 10.8 16.2



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



#16

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.17 min Scan# 1018

Delta R.T. -0.00 min

Lab File: BE091541.D

Acq: 28 Mar 2016 15:57

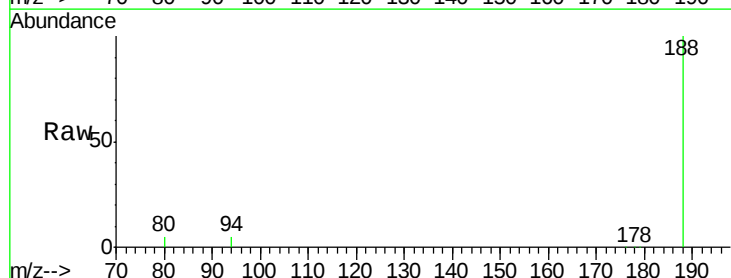
Tgt Ion:188 Resp: 237725

Ion Ratio Lower Upper

188 100

94 5.5 5.4 8.2

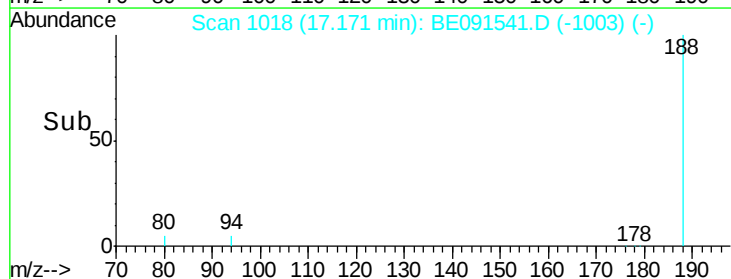
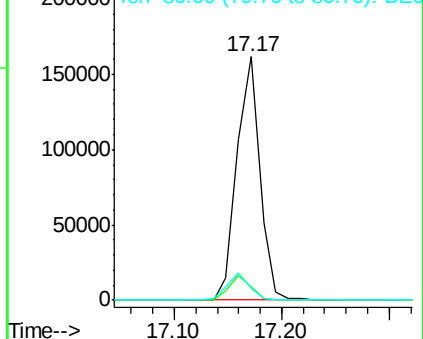
80 4.8 5.0 7.4#

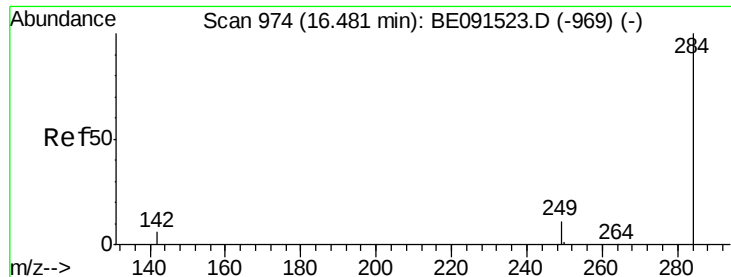


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0

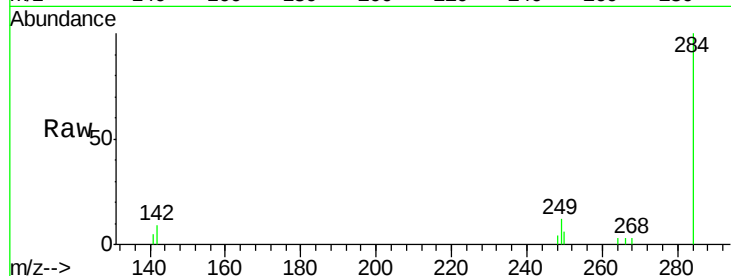




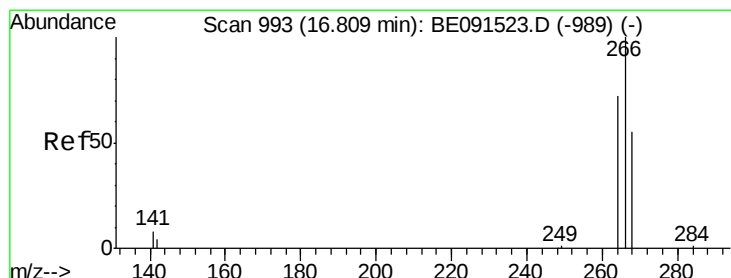
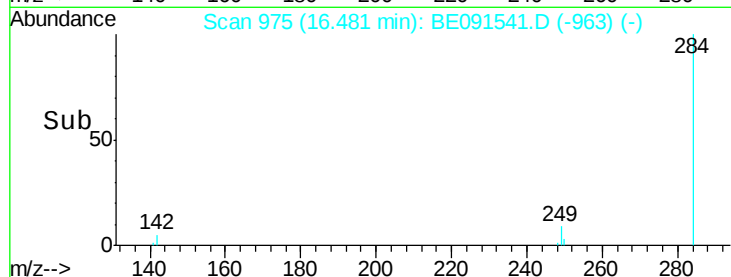
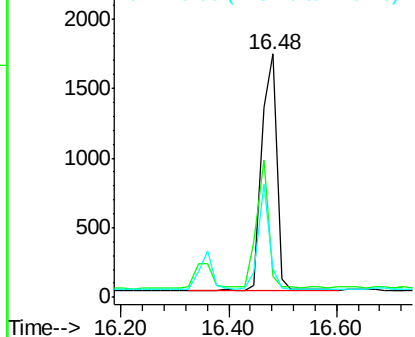
#17
Hexachlorobenzene
Concen: 0.39 ng
RT: 16.48 min Scan# 975
Delta R.T. -0.00 min
Lab File: BE091541.D
Acq: 28 Mar 2016 15:57

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 284 Resp: 3263
Ion Ratio Lower Upper
284 100
142 43.0 31.0 46.4
249 32.7 25.8 38.8

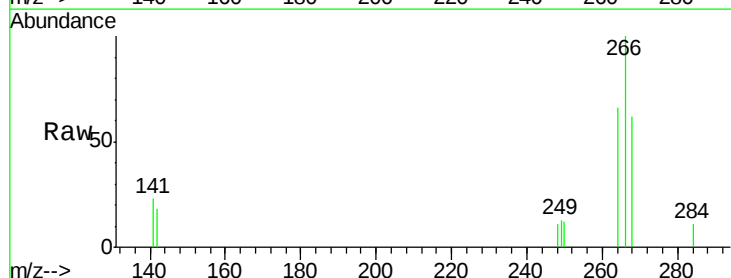


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

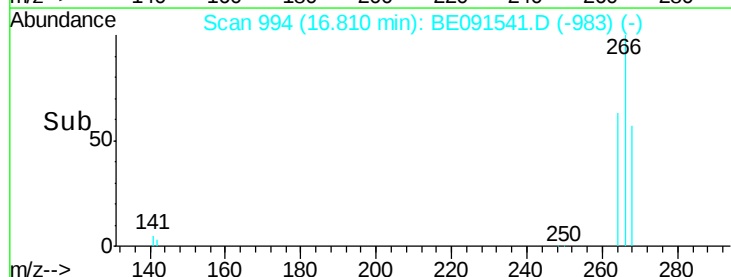
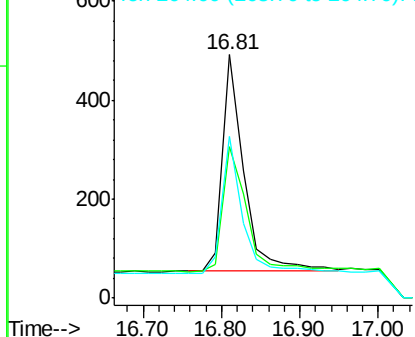


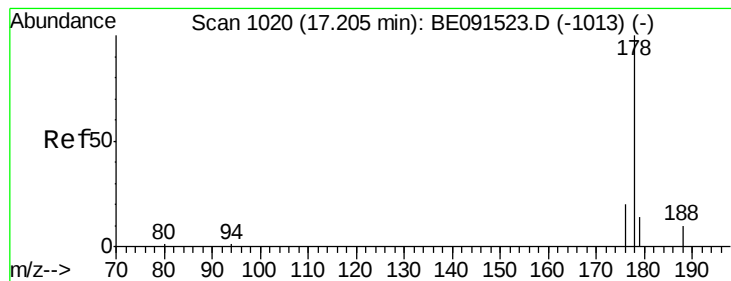
#18
Pentachlorophenol
Concen: 0.46 ng
RT: 16.81 min Scan# 994
Delta R.T. -0.02 min
Lab File: BE091541.D
Acq: 28 Mar 2016 15:57

Tgt Ion: 266 Resp: 828
Ion Ratio Lower Upper
266 100
268 62.2 48.2 72.2
264 66.5 52.1 78.1



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





#19

Phenanthrene

Concen: 0.40 ng

RT: 17.21 min Scan# 1021

Delta R.T. -0.00 min

Lab File: BE091541.D

Acq: 28 Mar 2016 15:57

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

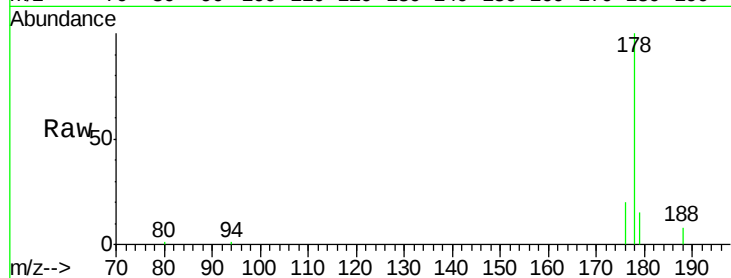
Tgt Ion:178 Resp: 21673

Ion Ratio Lower Upper

178 100

176 19.4 15.5 23.3

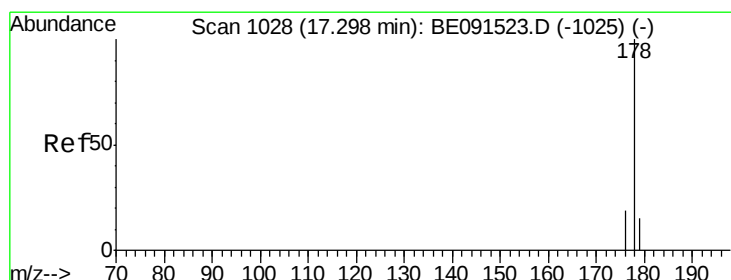
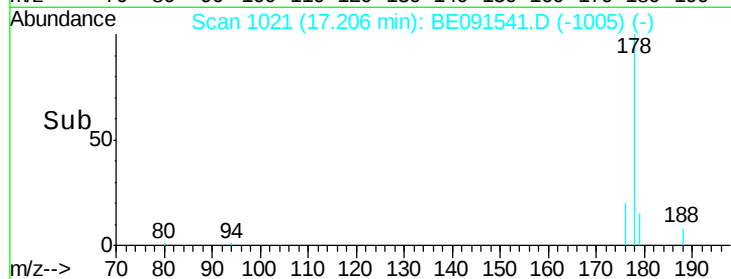
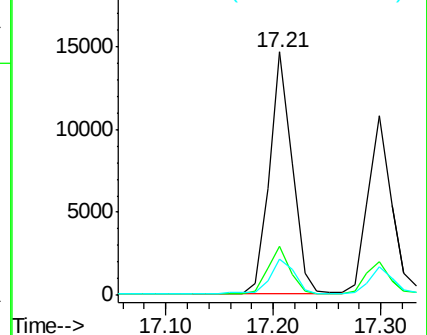
179 16.3 13.1 19.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#20

Anthracene

Concen: 0.38 ng

RT: 17.30 min Scan# 1029

Delta R.T. -0.00 min

Lab File: BE091541.D

Acq: 28 Mar 2016 15:57

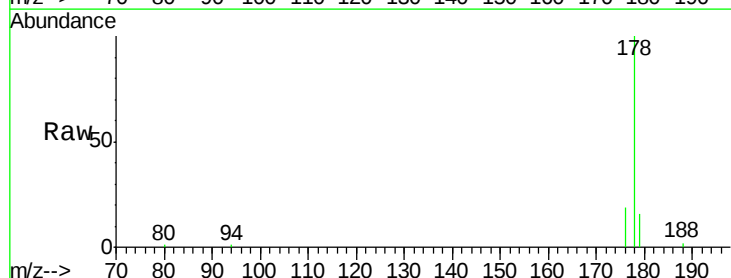
Tgt Ion:178 Resp: 17061

Ion Ratio Lower Upper

178 100

176 18.7 14.9 22.3

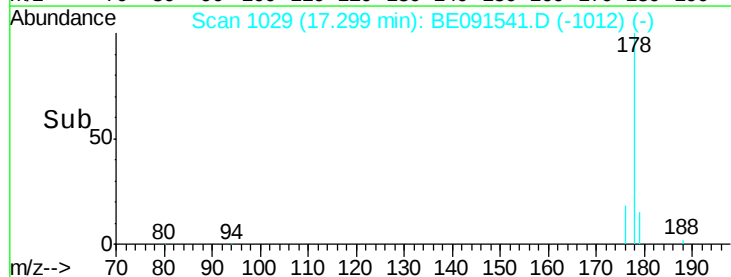
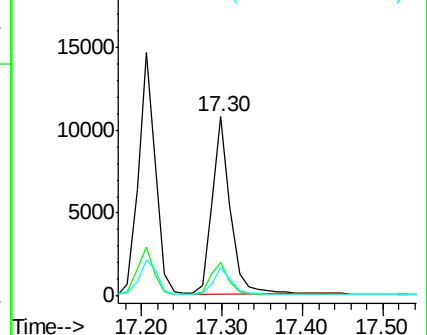
179 15.2 12.2 18.4

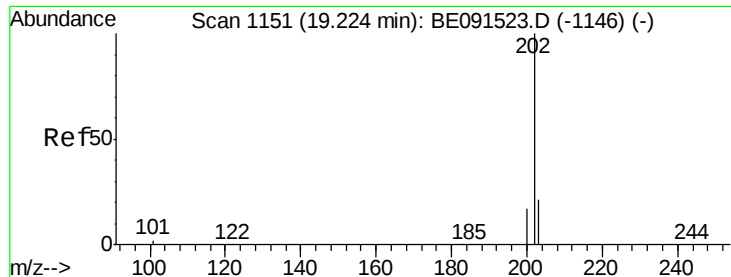


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

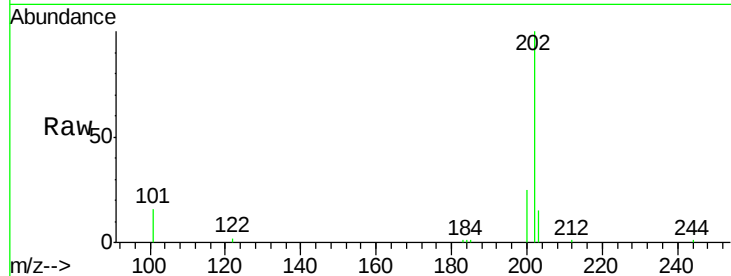




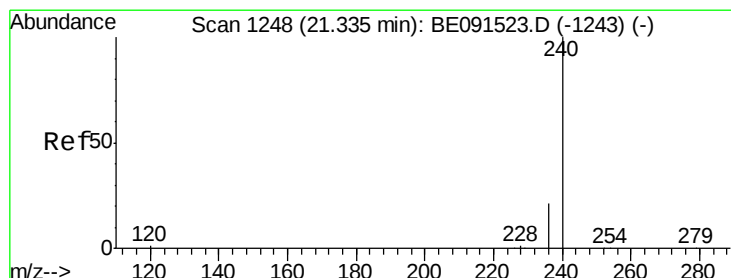
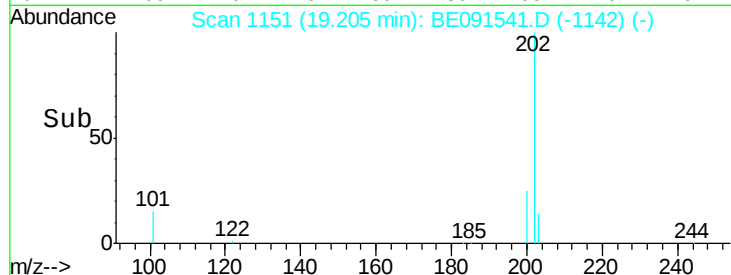
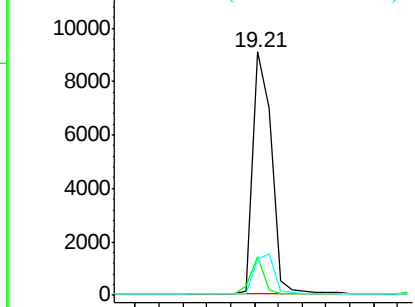
#21
Fluoranthene
Concen: 0.39 ng
RT: 19.21 min Scan# 1151
Delta R.T. -0.02 min
Lab File: BE091541.D
Acq: 28 Mar 2016 15:57

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 202 Resp: 19613
Ion Ratio Lower Upper
202 100
101 11.2 8.3 12.5
203 17.3 13.9 20.9

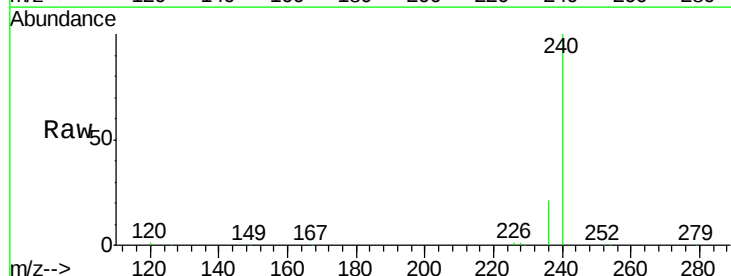


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

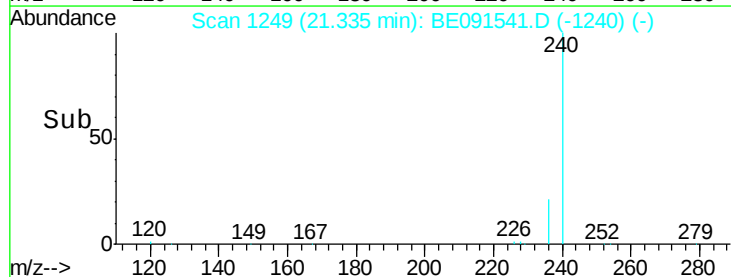
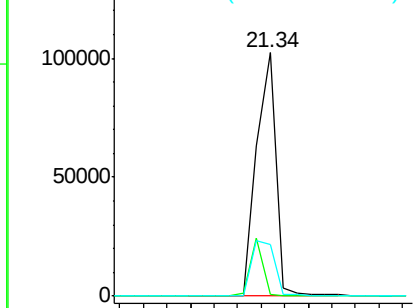


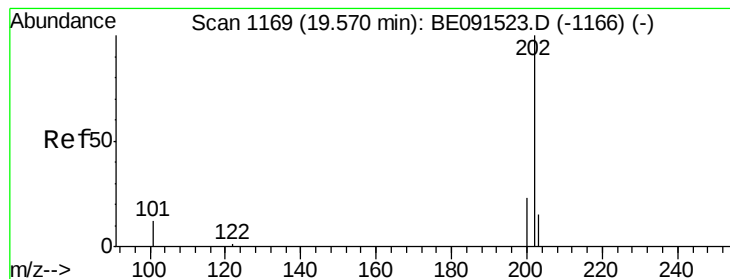
#22
Chrysene-d12
Concen: 5.00 ng
RT: 21.34 min Scan# 1249
Delta R.T. -0.00 min
Lab File: BE091541.D
Acq: 28 Mar 2016 15:57

Tgt Ion: 240 Resp: 238198
Ion Ratio Lower Upper
240 100
120 1.0 4.0 6.0#
236 21.2 23.0 34.4#



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#23

Pyrene

Concen: 0.39 ng

RT: 19.57 min Scan# 1170

Delta R.T. -0.00 min

Lab File: BE091541.D

Acq: 28 Mar 2016 15:57

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

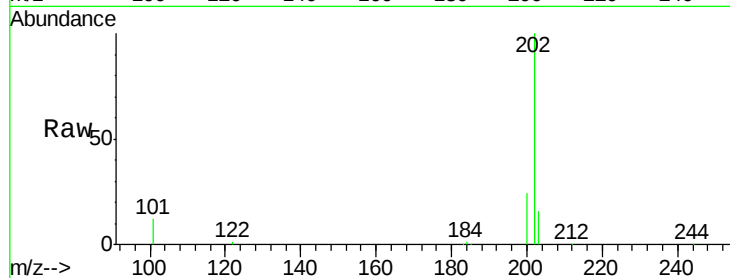
Tgt Ion:202 Resp: 21790

Ion Ratio Lower Upper

202 100

200 21.9 16.4 24.6

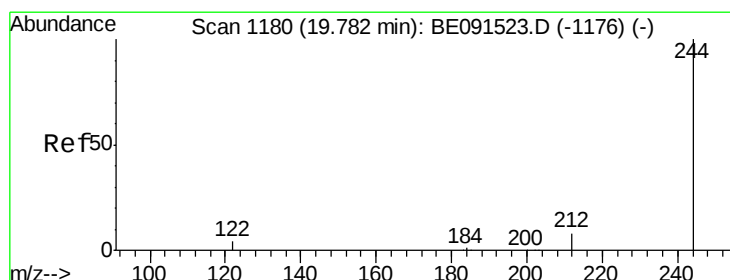
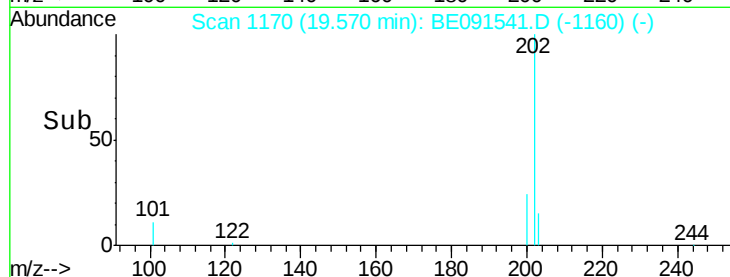
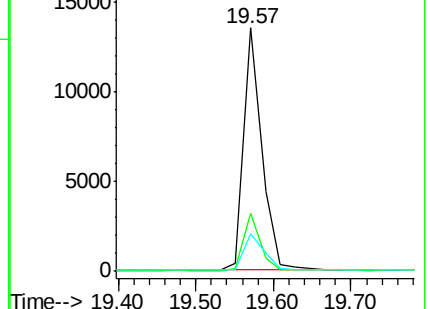
203 17.3 14.6 21.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#24

Terphenyl-d14

Concen: 0.41 ng

RT: 19.78 min Scan# 1181

Delta R.T. -0.00 min

Lab File: BE091541.D

Acq: 28 Mar 2016 15:57

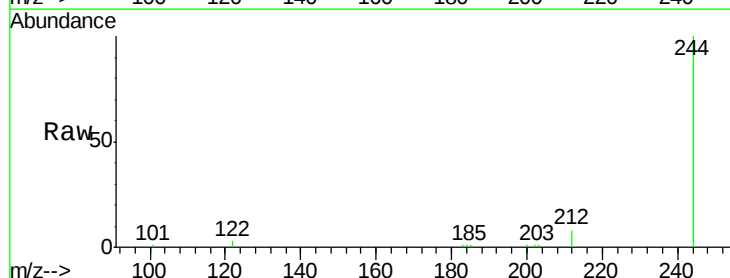
Tgt Ion:244 Resp: 16067

Ion Ratio Lower Upper

244 100

212 8.5 5.8 8.8

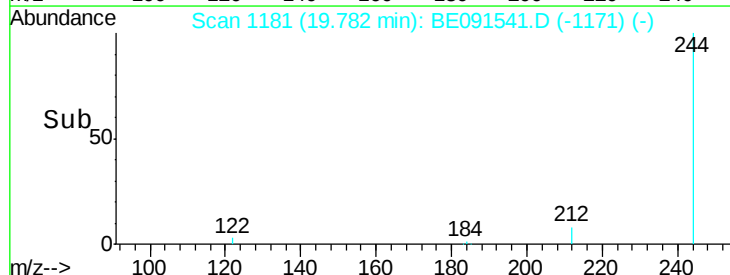
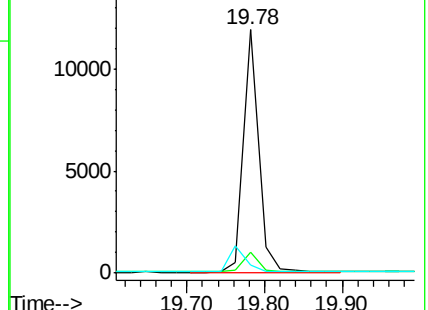
122 3.3 1.8 2.8#

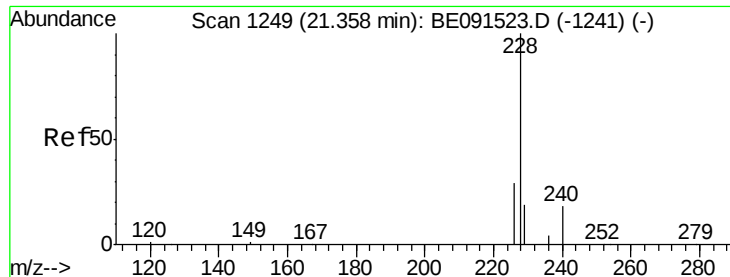


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

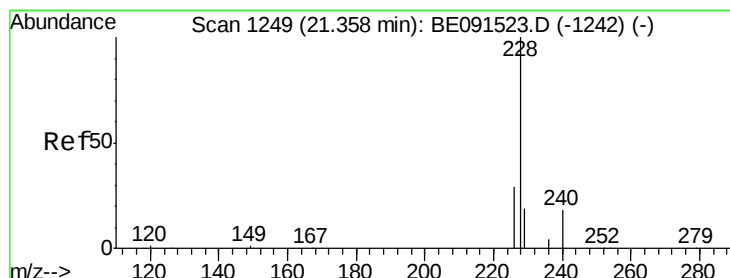
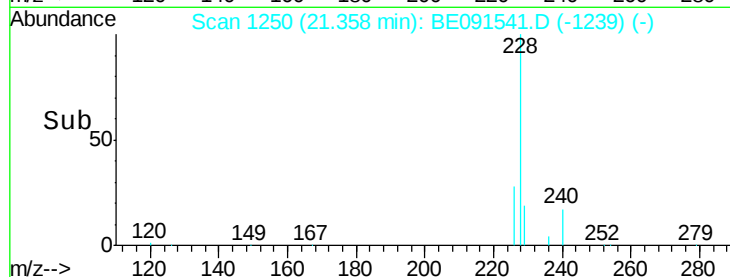
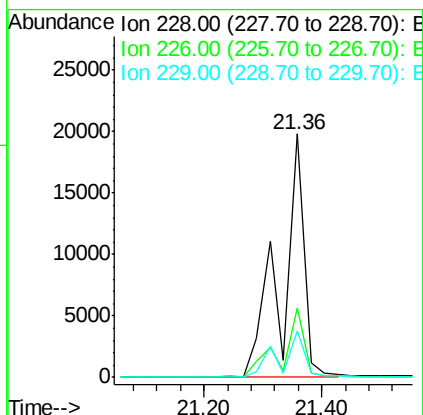
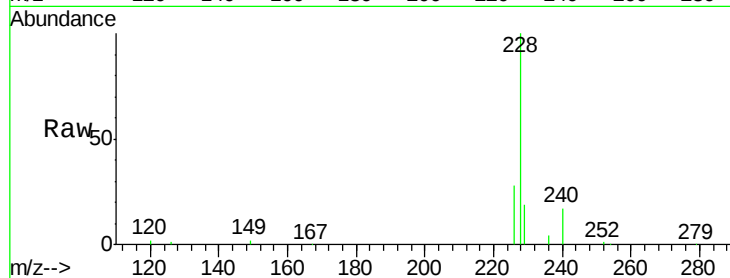




#25
Benzo(a)anthracene
Concen: 0.93 ng
RT: 21.36 min Scan# 1250
Delta R.T. 0.05 min
Lab File: BE091541.D
Acq: 28 Mar 2016 15:57

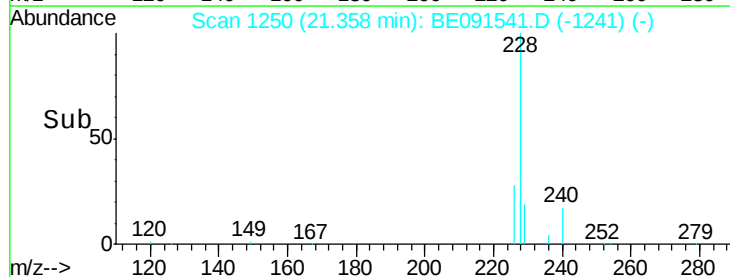
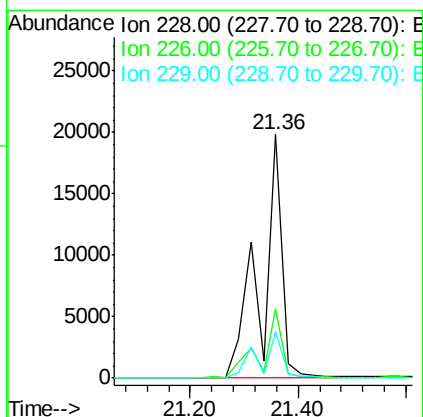
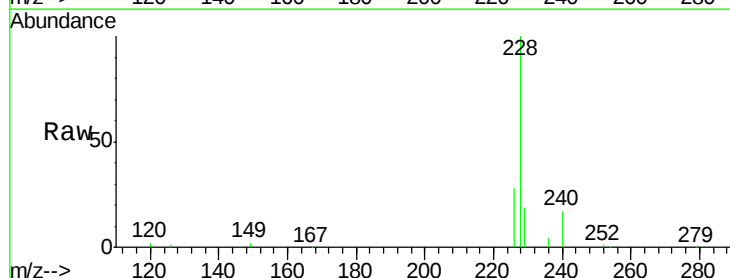
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

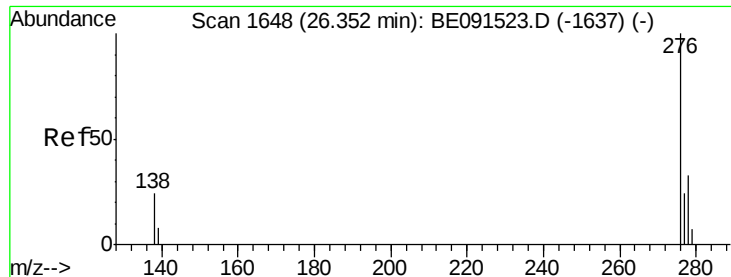
Tgt Ion:228 Resp: 50987
Ion Ratio Lower Upper
228 100
226 28.5 24.0 36.0
229 19.3 13.8 20.6



#26
Chrysene
Concen: 0.71 ng
RT: 21.36 min Scan# 1250
Delta R.T. -0.00 min
Lab File: BE091541.D
Acq: 28 Mar 2016 15:57

Tgt Ion:228 Resp: 51278
Ion Ratio Lower Upper
228 100
226 28.5 18.9 28.3#
229 19.3 19.1 28.7

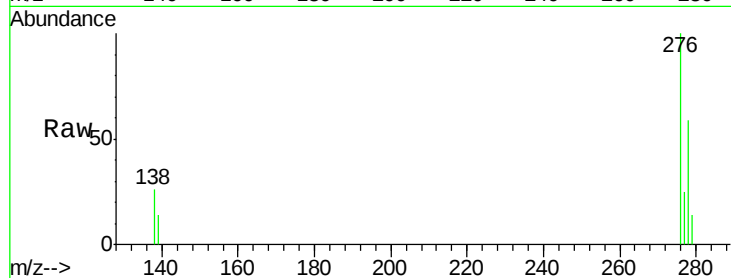




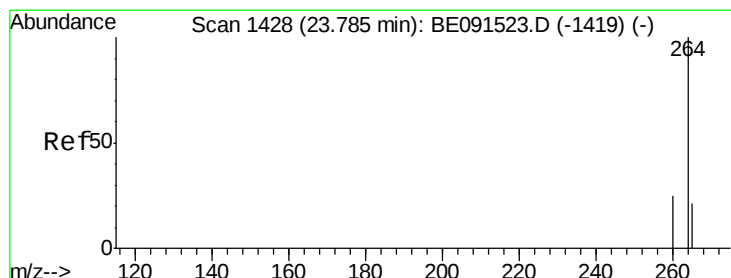
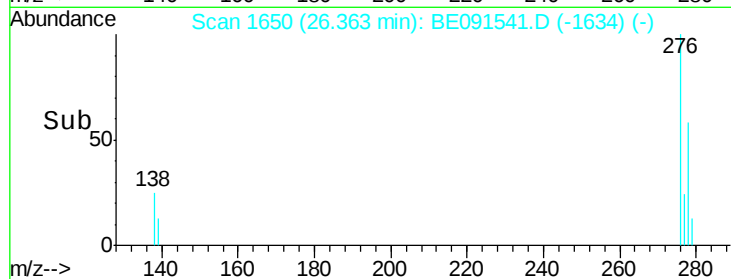
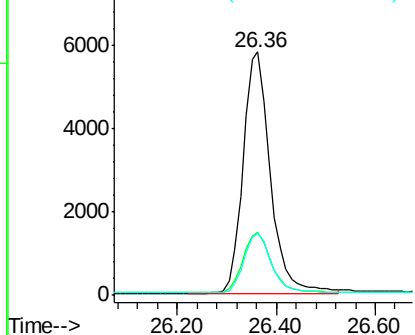
#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.40 ng
 RT: 26.36 min Scan# 1650
 Delta R.T. -0.01 min
 Lab File: BE091541.D
 Acq: 28 Mar 2016 15:57

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Tgt Ion: 276 Resp: 22234
 Ion Ratio Lower Upper
 276 100
 138 26.1 20.2 30.4
 277 24.8 19.8 29.8

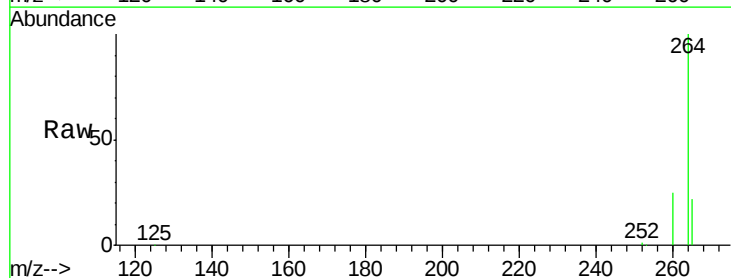


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

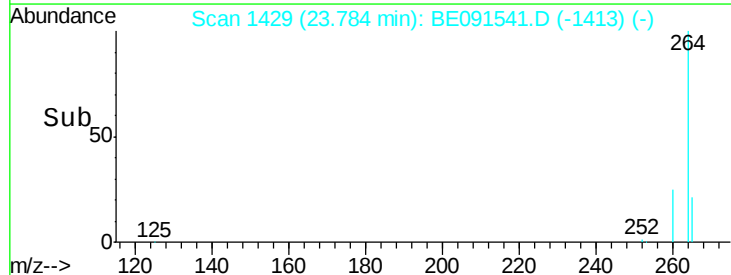
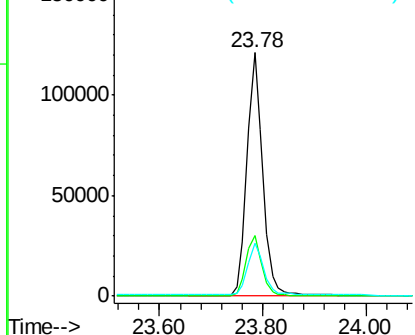


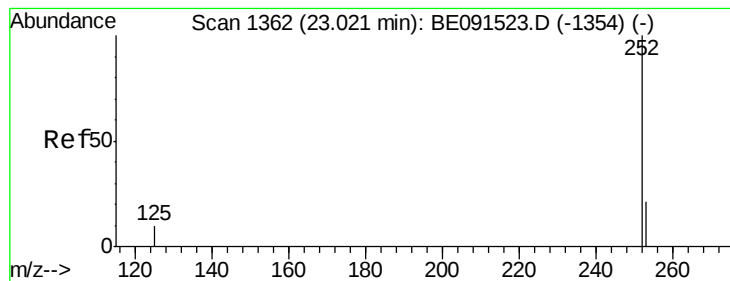
#28
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.78 min Scan# 1429
 Delta R.T. -0.01 min
 Lab File: BE091541.D
 Acq: 28 Mar 2016 15:57

Tgt Ion: 264 Resp: 259341
 Ion Ratio Lower Upper
 264 100
 260 24.9 20.1 30.1
 265 21.9 18.3 27.5



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





#29

Benzo(b)fluoranthene

Concen: 0.41 ng

RT: 23.02 min Scan# 1363

Delta R.T. -0.01 min

Lab File: BE091541.D

Acq: 28 Mar 2016 15:57

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

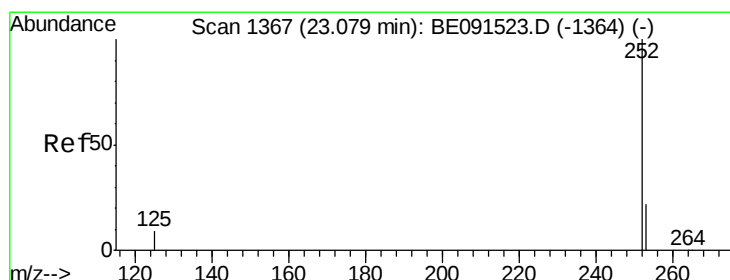
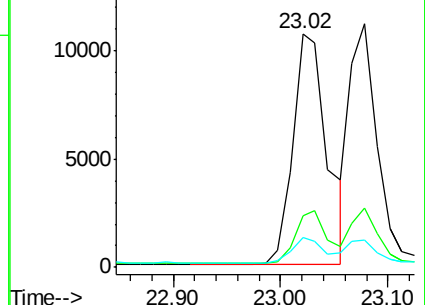
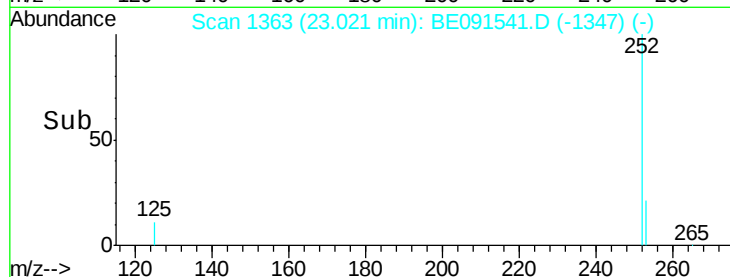
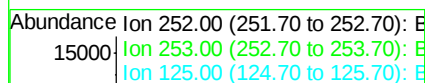
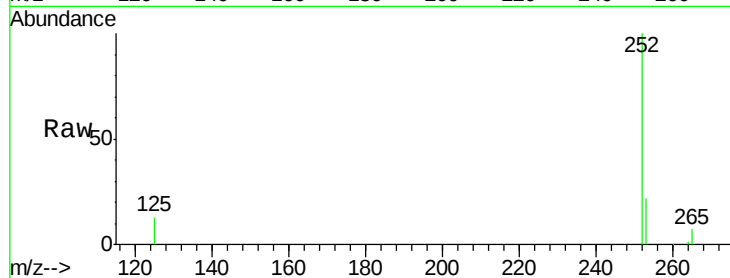
Tgt Ion:252 Resp: 23703

Ion Ratio Lower Upper

252 100

253 21.9 18.7 28.1

125 12.7 9.8 14.6



#30

Benzo(k)fluoranthene

Concen: 0.35 ng

RT: 23.08 min Scan# 1368

Delta R.T. -0.00 min

Lab File: BE091541.D

Acq: 28 Mar 2016 15:57

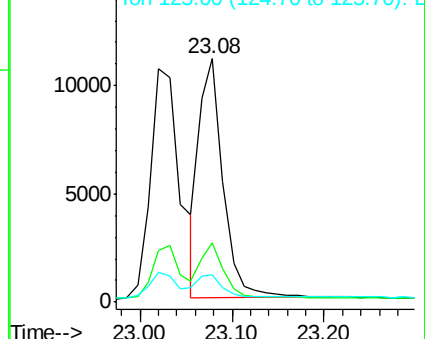
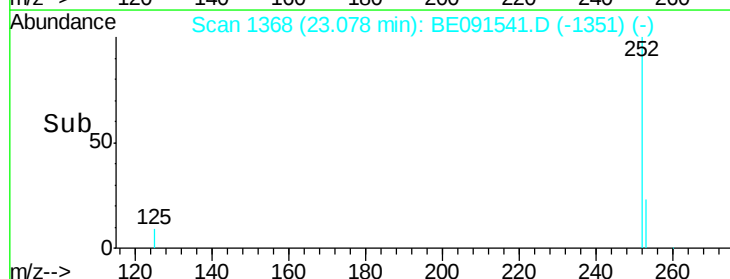
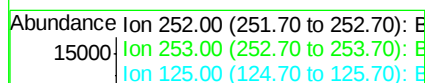
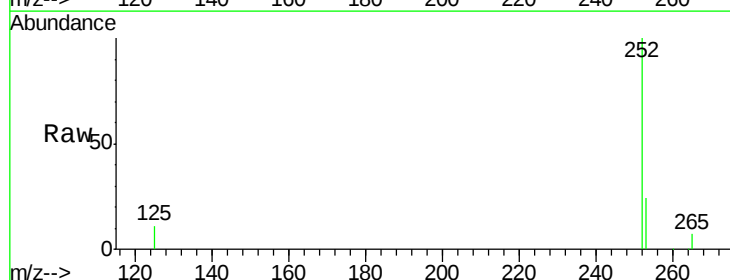
Tgt Ion:252 Resp: 20006

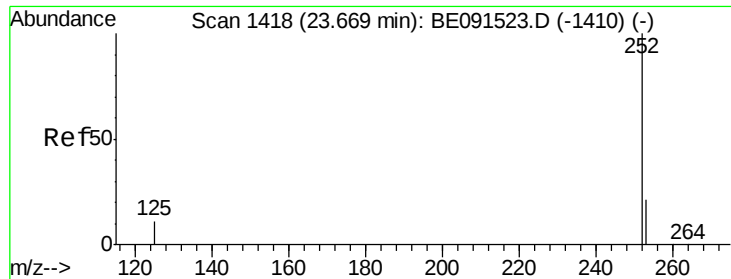
Ion Ratio Lower Upper

252 100

253 24.1 20.2 30.4

125 11.0 9.4 14.2





#31

Benzo(a)pyrene

Concen: 0.49 ng

RT: 23.67 min Scan# 1419

Delta R.T. -0.01 min

Lab File: BE091541.D

Acq: 28 Mar 2016 15:57

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

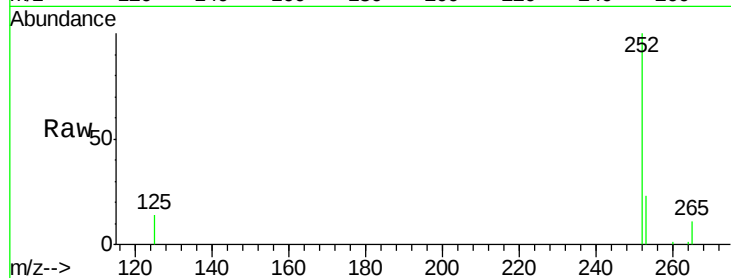
Tgt Ion:252 Resp: 17371

Ion Ratio Lower Upper

252 100

253 23.0 19.4 29.0

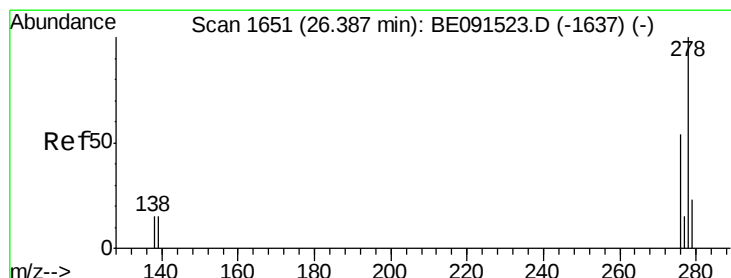
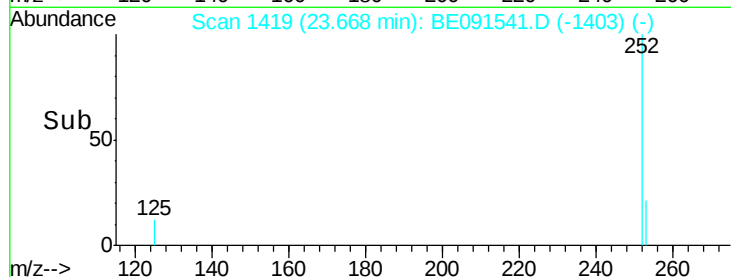
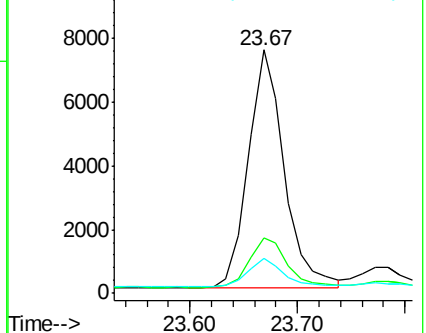
125 14.2 11.4 17.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#32

Dibenzo(a,h)anthracene

Concen: 0.37 ng

RT: 26.39 min Scan# 1652

Delta R.T. -0.01 min

Lab File: BE091541.D

Acq: 28 Mar 2016 15:57

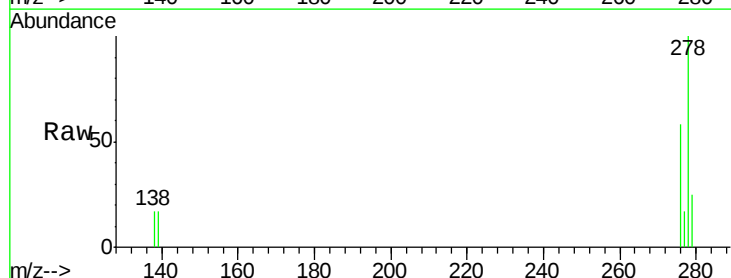
Tgt Ion:278 Resp: 18932

Ion Ratio Lower Upper

278 100

139 16.9 14.2 21.4

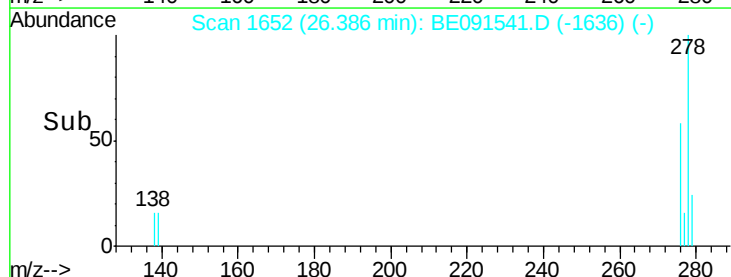
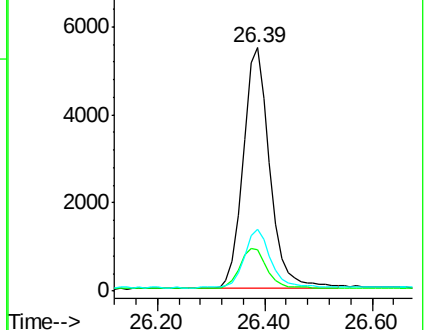
279 25.2 19.6 29.4

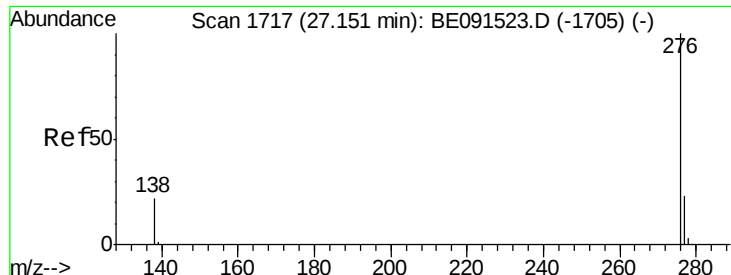


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#33

Benzo(g,h,i)perylene

Concen: 0.37 ng

RT: 27.15 min Scan# 1718

Delta R.T. -0.01 min

Lab File: BE091541.D

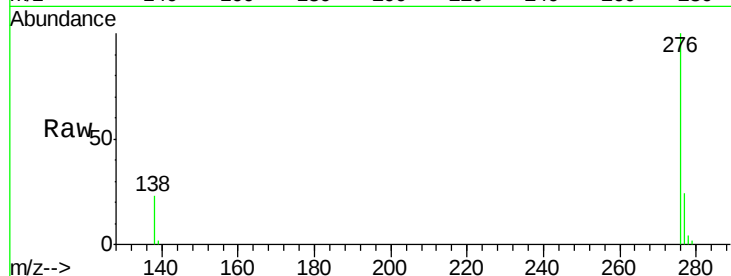
Acq: 28 Mar 2016 15:57

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC



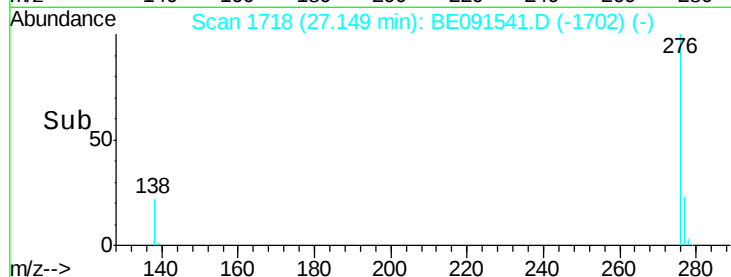
Tgt Ion: 276 Resp: 19745

Ion Ratio Lower Upper

276 100

277 24.4 19.4 29.2

138 22.6 18.2 27.4



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

