

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042715\
 Data File : BG016752.D
 Acq On : 28 Apr 2015 4:35
 Operator : TP/IZ
 Sample : G1992-10
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TEC01

Quant Time: Apr 28 05:48:02 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG042315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 28 01:49:03 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	61625	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	272599	20.00	ng	0.00
38) Acenaphthene-d10	14.22	164	162461	20.00	ng	0.00
63) Phenanthrene-d10	16.97	188	325726	20.00	ng	0.00
75) Chrysene-d12	21.16	240	295263	20.00	ng	0.00
86) Perylene-d12	23.35	264	284218	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.16	112	368436	97.02	ng	0.00
7) Phenol-d6	6.77	99	512634	96.22	ng	0.00
23) Nitrobenzene-d5	8.73	82	257730	59.74	ng	0.00
41) 2,4,6-Tribromophenol	15.72	330	126329	104.82	ng	0.00
44) 2-Fluorobiphenyl	12.84	172	651895	64.47	ng	0.00
78) Terphenyl-d14	19.61	244	737023	57.50	ng	0.00

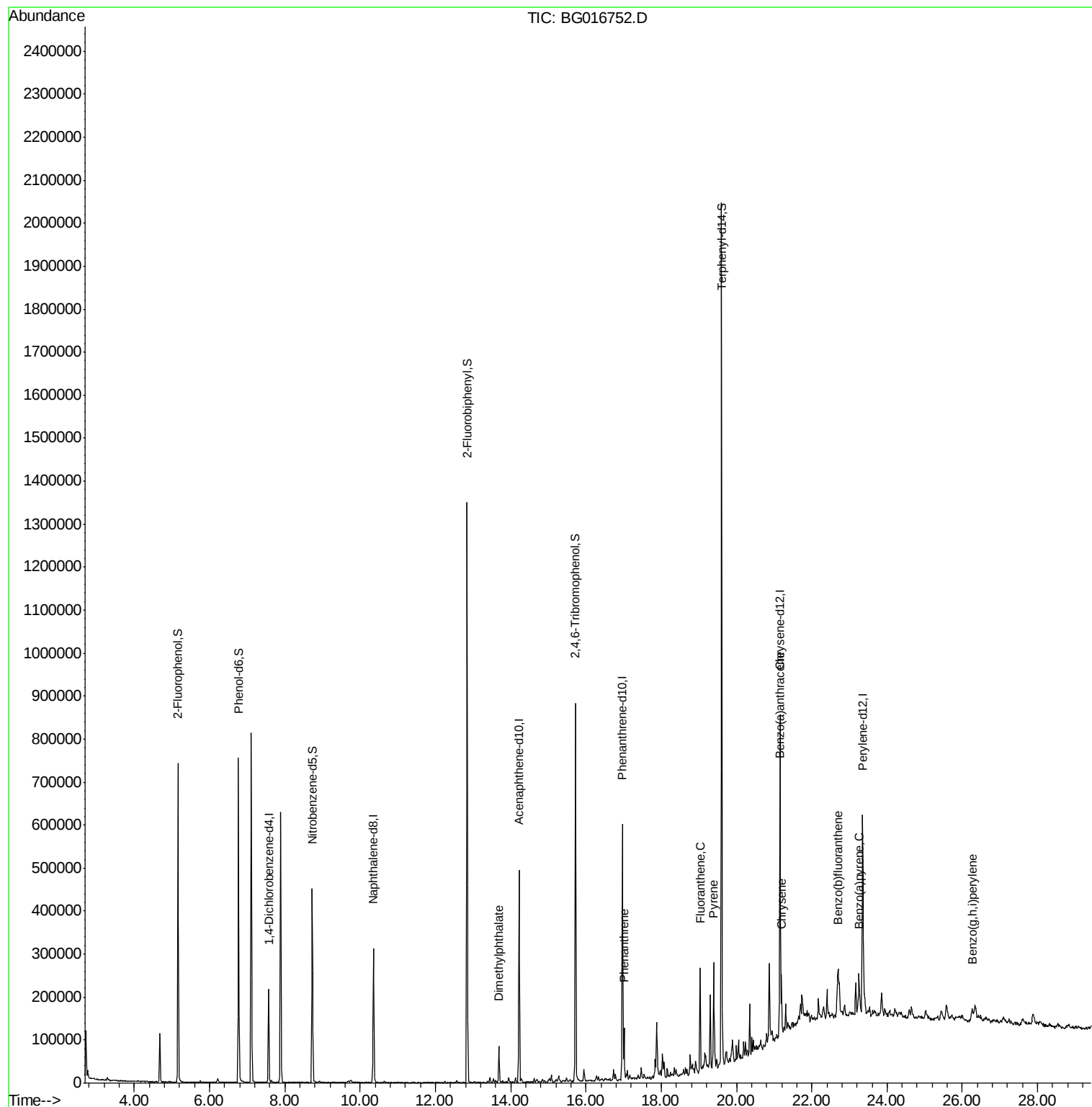
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
49) Dimethylphthalate	13.69	163	59095	4.86	ng	98
70) Phenanthrene	17.01	178	69572	3.72	ng	98
74) Fluoranthene	19.04	202	123211	6.21	ng	95
77) Pyrene	19.40	202	141209	6.81	ng	97
80) Benzo(a)anthracene	21.15	228	60936	3.40	ng	97
82) Chrysene	21.19	228	70568	4.11	ng	97
87) Benzo(b)fluoranthene	22.70	252	86257m	5.00	ng	
89) Benzo(a)pyrene	23.26	252	58964	3.62	ng	97
91) Benzo(g,h,i)perylene	26.26	276	35073	2.18	ng	93

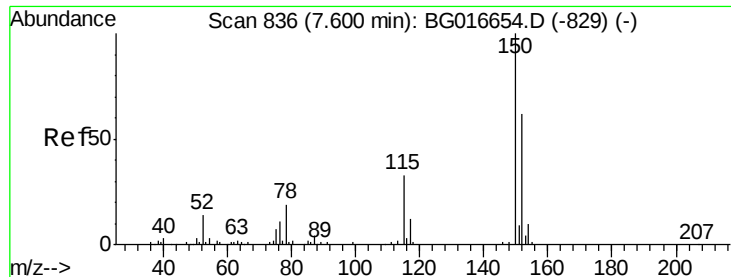
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042715\
Data File : BG016752.D
Acq On : 28 Apr 2015 4:35
Operator : TP/IZ
Sample : G1992-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TEC01

Quant Time: Apr 28 05:48:02 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG042315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 28 01:49:03 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.57 min Scan# 831

Delta R.T. 0.00 min

Lab File: BG016752.D

Acq: 28 Apr 2015 4:35

Instrument :

BNA_G

ClientSampleId :

TEC01

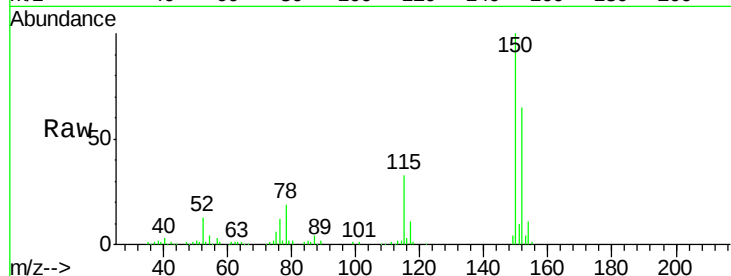
Tot Ion:152 Resp: 61625

Ion Ratio Lower Upper

152 100

150 153.1 129.6 194.4

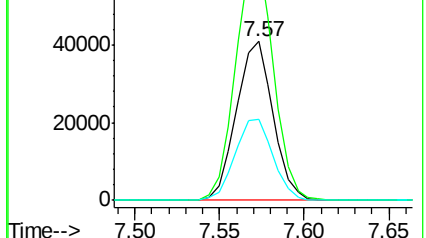
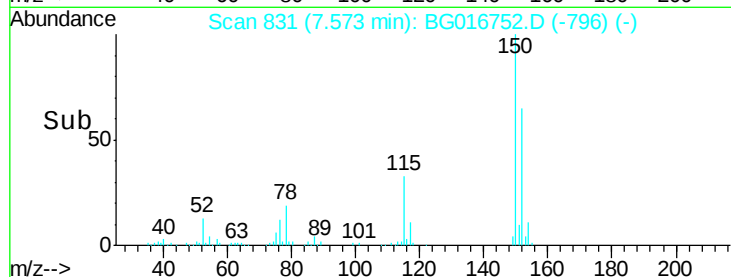
115 51.3 43.0 64.6



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



#5

2-Fluorophenol

Concen: 97.02 ng

RT: 5.16 min Scan# 421

Delta R.T. 0.00 min

Lab File: BG016752.D

Acq: 28 Apr 2015 4:35

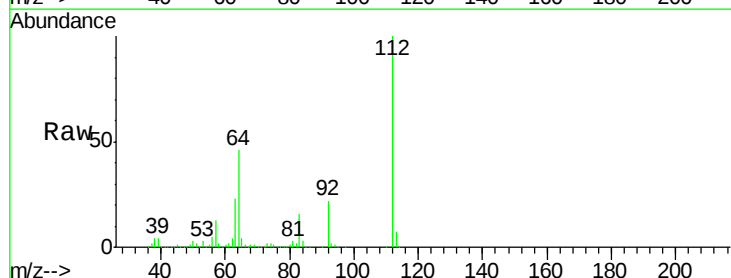
Tgt Ion:112 Resp: 368436

Ion Ratio Lower Upper

112 100

64 46.1 38.3 57.5

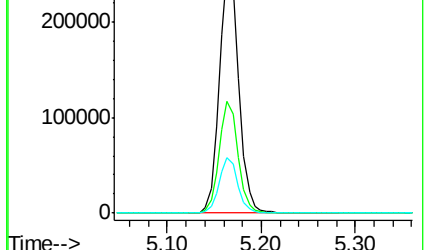
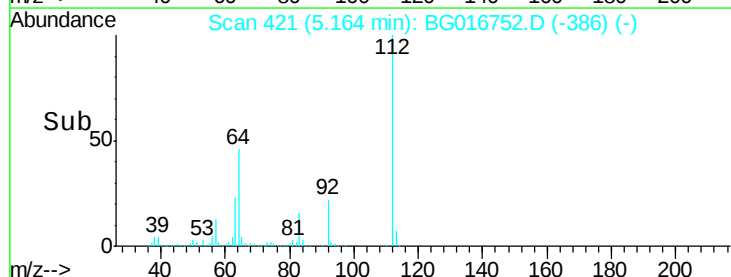
63 22.8 18.9 28.3



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 96.22 ng

RT: 6.77 min Scan# 695

Delta R.T. -0.00 min

Lab File: BG016752.D

Acq: 28 Apr 2015 4:35

Instrument :

BNA_G

ClientSampleId :

TEC01

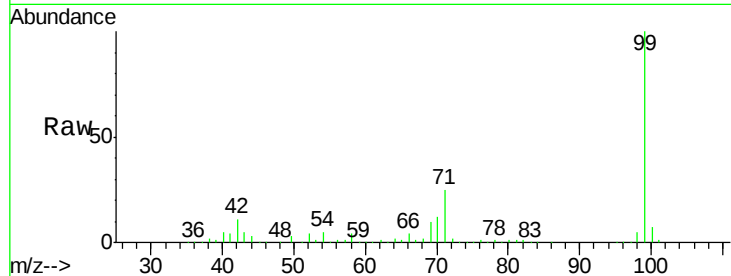
Tot Ion: 99 Resp: 512634

Ion Ratio Lower Upper

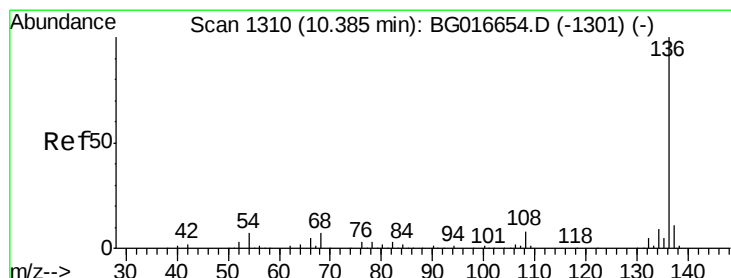
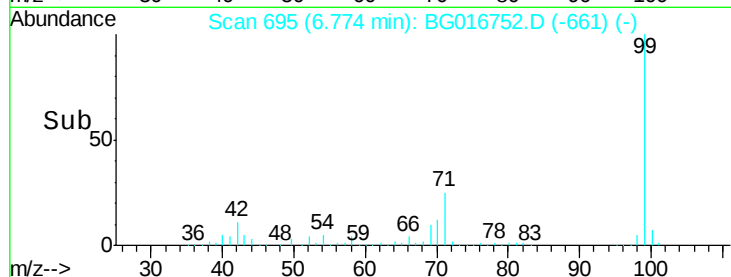
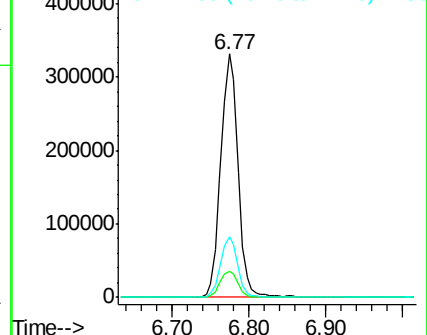
99 100

42 10.9 8.8 13.2

71 25.1 19.9 29.9



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.36 min Scan# 1305

Delta R.T. 0.00 min

Lab File: BG016752.D

Acq: 28 Apr 2015 4:35

Tgt Ion: 136 Resp: 272599

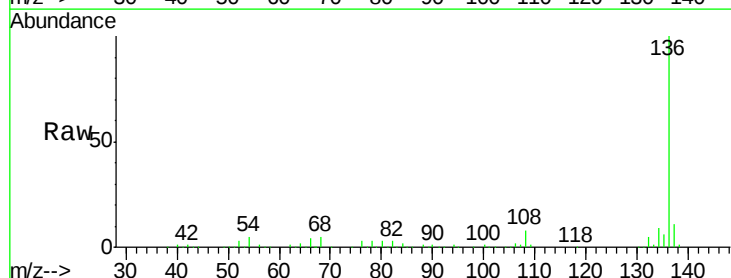
Ion Ratio Lower Upper

136 100

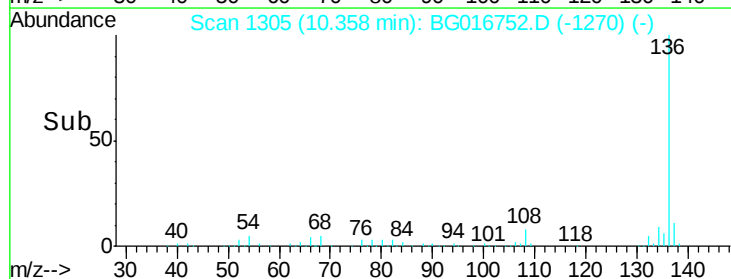
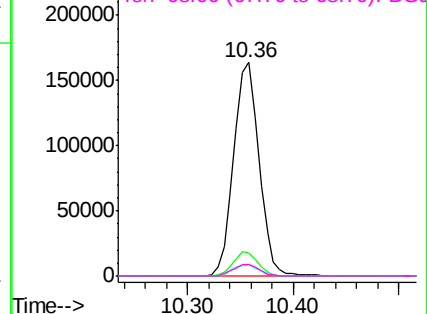
137 10.6 8.5 12.7

54 5.5 5.4 8.2

68 5.4 5.2 7.8



Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

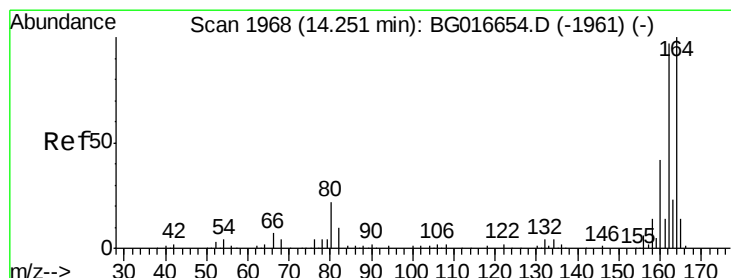
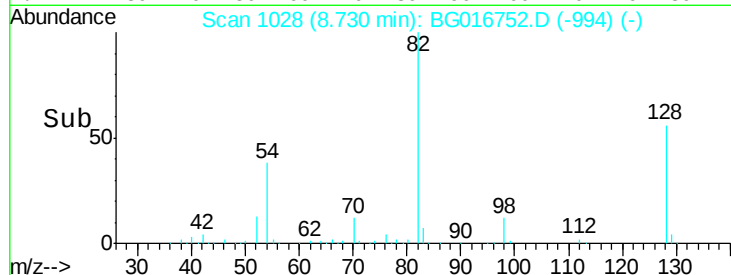
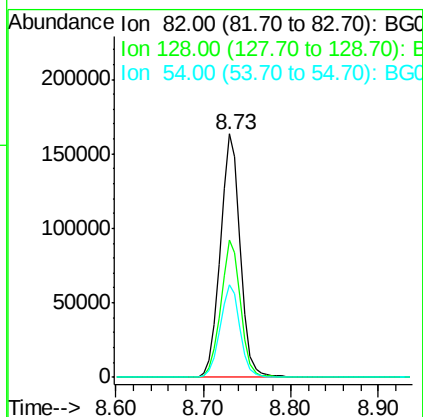
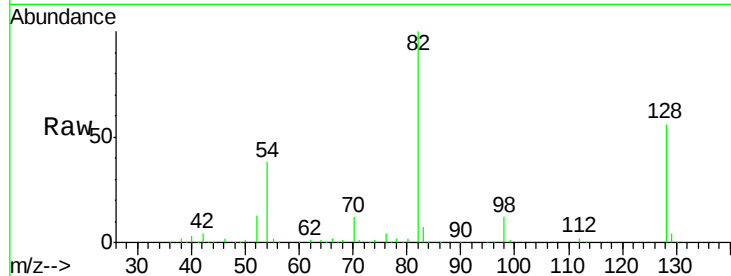




#23
 Nitrobenzene-d5
 Concen: 59.74 ng
 RT: 8.73 min Scan# 1028
 Delta R.T. -0.00 min
 Lab File: BG016752.D
 Acq: 28 Apr 2015 4:35

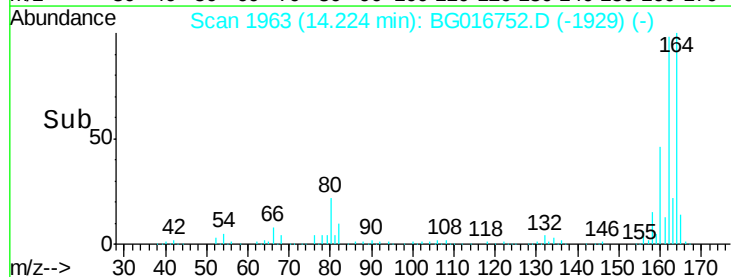
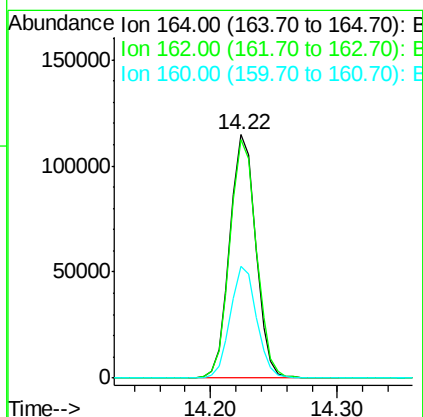
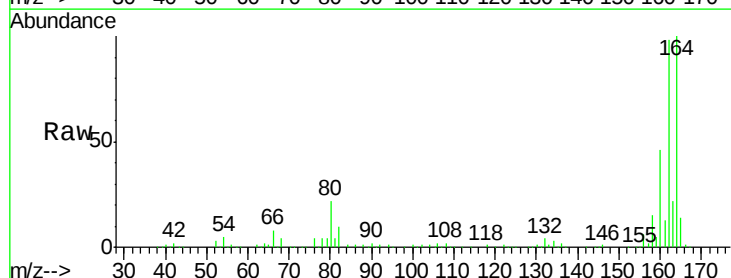
Instrument :
 BNA_G
 ClientSampleId :
 TEC01

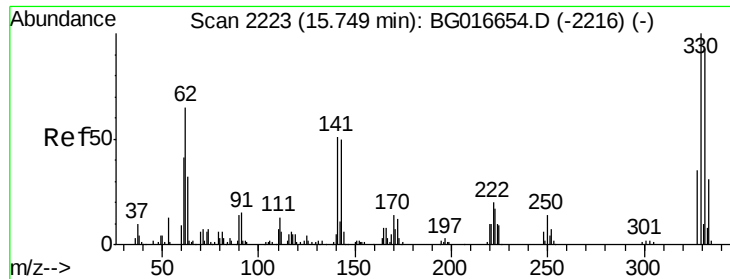
Tot Ion: 82 Resp: 257730
 Ion Ratio Lower Upper
 82 100
 128 56.4 44.7 67.1
 54 38.1 30.9 46.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.22 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: BG016752.D
 Acq: 28 Apr 2015 4:35

Tgt Ion: 164 Resp: 162461
 Ion Ratio Lower Upper
 164 100
 162 98.0 77.3 115.9
 160 45.8 33.7 50.5

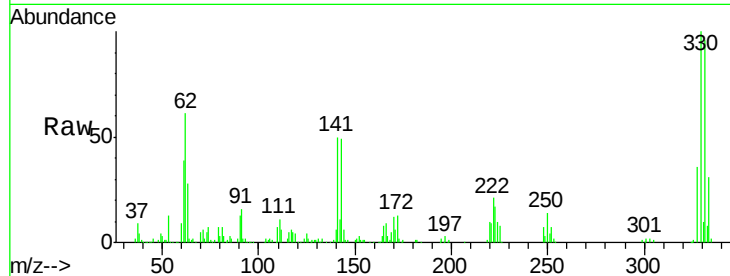




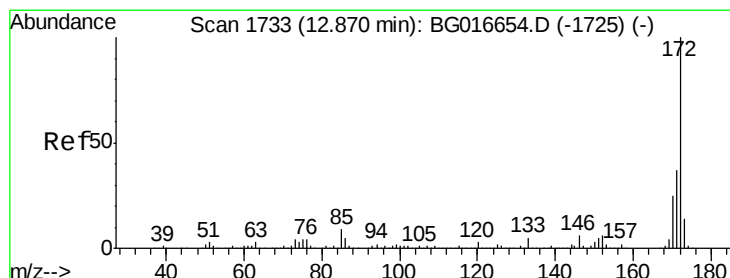
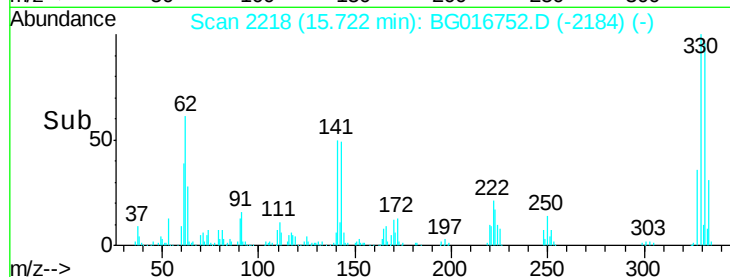
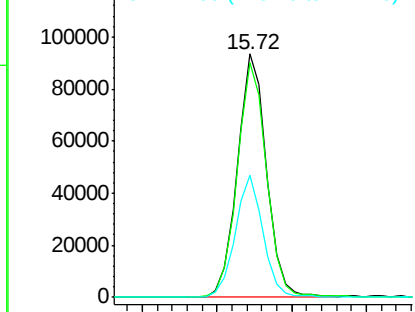
#41
 2,4,6-Tribromophenol
 Concen: 104.82 ng
 RT: 15.72 min Scan# 2218
 Delta R.T. -0.00 min
 Lab File: BG016752.D
 Acq: 28 Apr 2015 4:35

Instrument :
 BNA_G
 ClientSampleId :
 TEC01

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	76.2	114.4
141	48.6	43.0	64.6

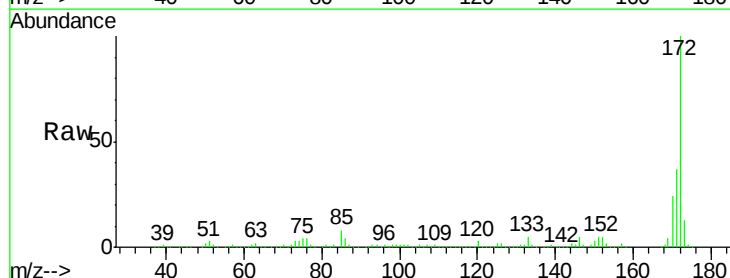


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

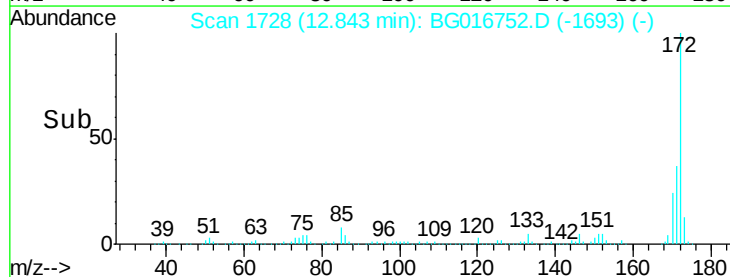
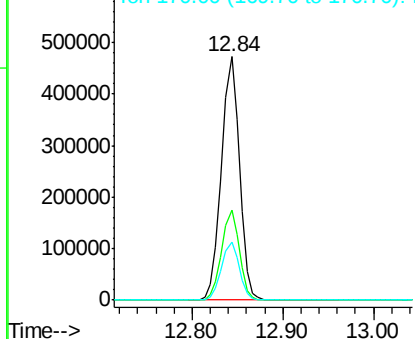


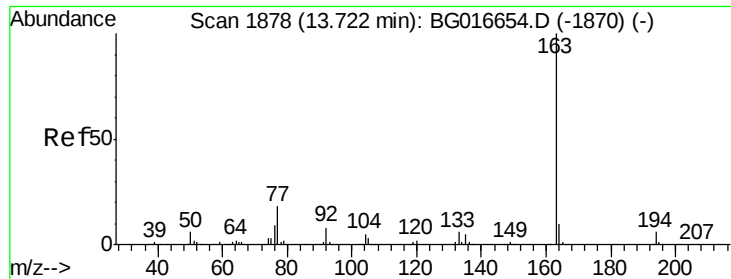
#44
 2-Fluorobiphenyl
 Concen: 64.47 ng
 RT: 12.84 min Scan# 1728
 Delta R.T. 0.00 min
 Lab File: BG016752.D
 Acq: 28 Apr 2015 4:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.9	44.9
170	23.9	19.8	29.8



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 4.86 ng

RT: 13.69 min Scan# 1872

Delta R.T. -0.01 min

Lab File: BG016752.D

Acq: 28 Apr 2015 4:35

Instrument :

BNA_G

ClientSampleId :

TEC01

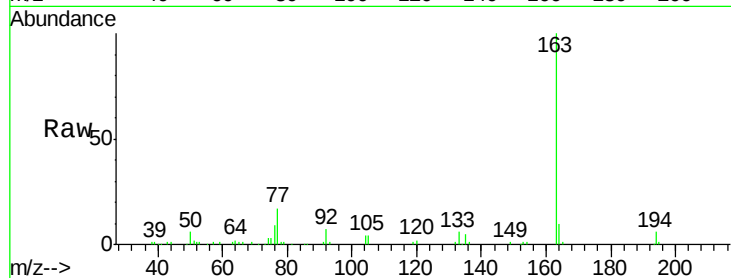
Tot Ion:163 Resp: 59095

Ion Ratio Lower Upper

163 100

194 5.7 5.0 7.4

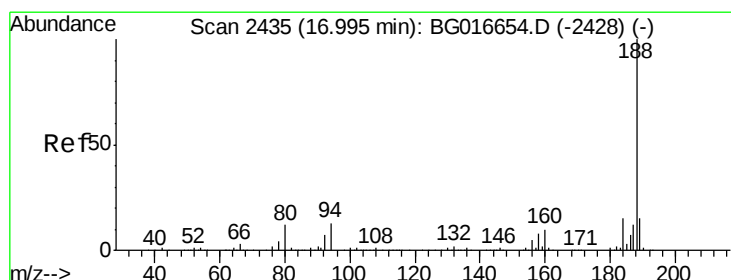
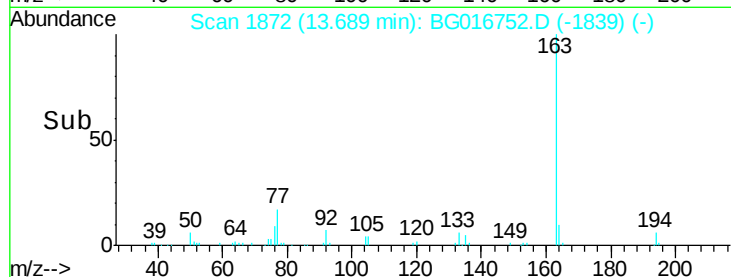
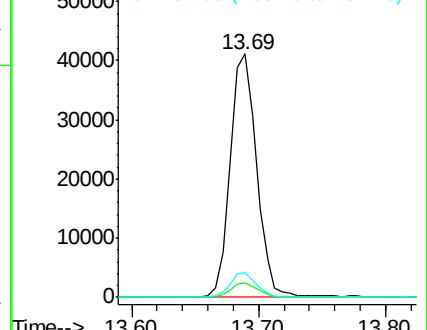
164 10.4 7.8 11.8



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 16.97 min Scan# 2431

Delta R.T. 0.00 min

Lab File: BG016752.D

Acq: 28 Apr 2015 4:35

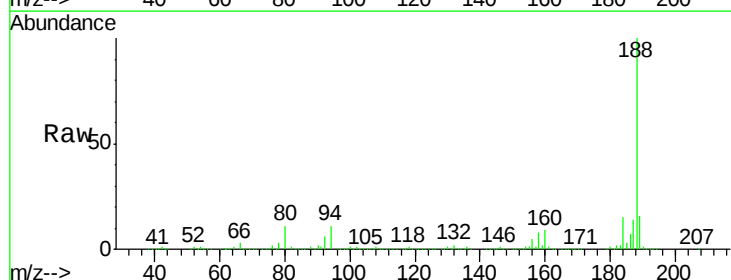
Tgt Ion:188 Resp: 325726

Ion Ratio Lower Upper

188 100

94 10.9 10.7 16.1

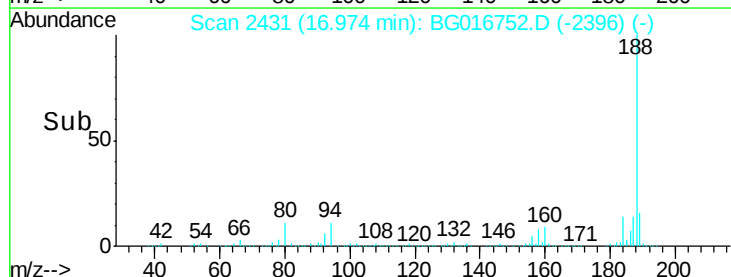
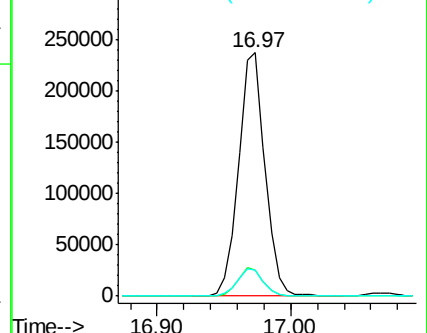
80 10.7 9.9 14.9

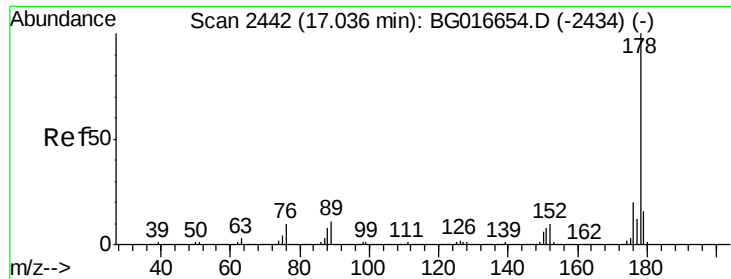


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

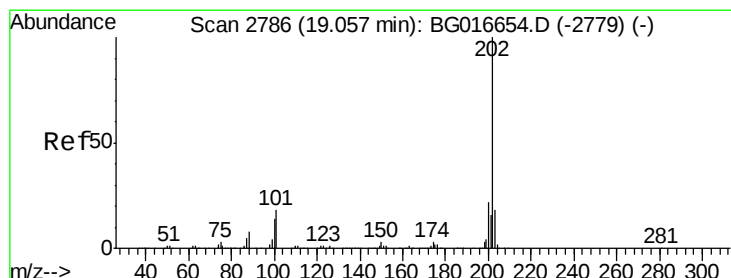
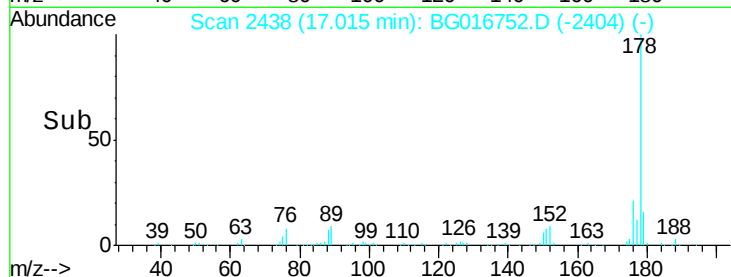
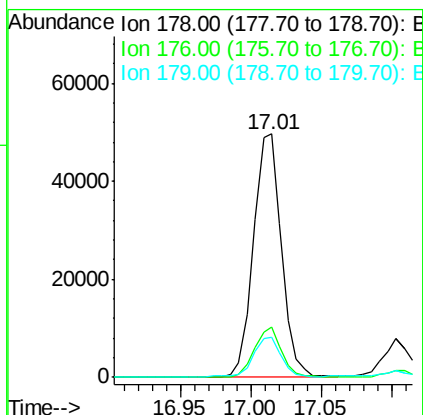
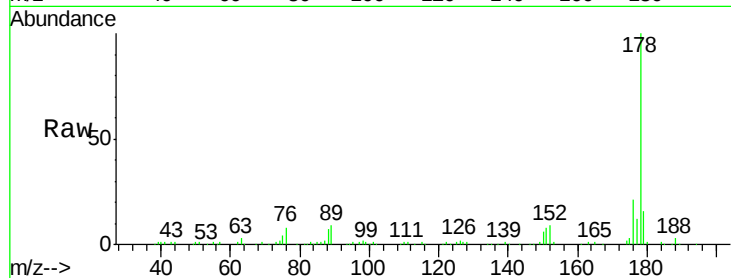




#70
Phenanthrene
Concen: 3.72 ng
RT: 17.01 min Scan# 2438
Delta R.T. -0.00 min
Lab File: BG016752.D
Acq: 28 Apr 2015 4:35

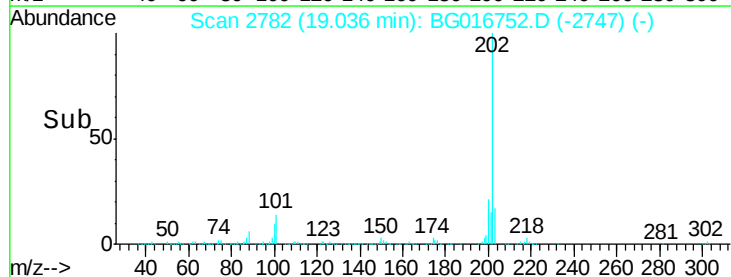
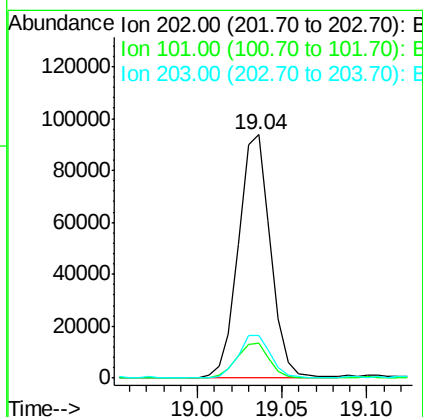
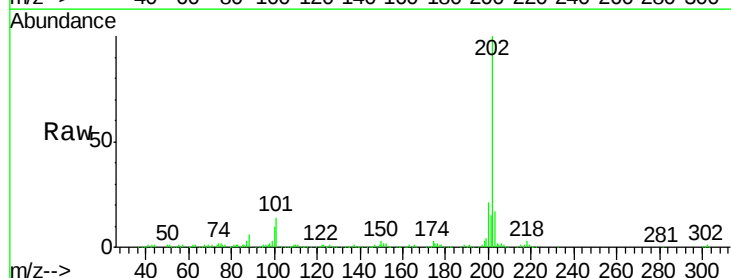
Instrument :
BNA_G
ClientSampleId :
TEC01

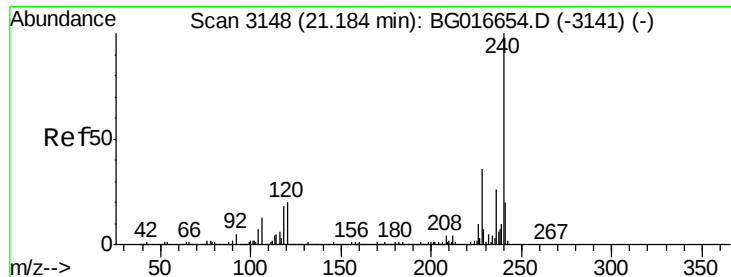
Tot Ion:178 Resp: 69572
Ion Ratio Lower Upper
178 100
176 20.9 15.8 23.6
179 16.5 12.8 19.2



#74
Fluoranthene
Concen: 6.21 ng
RT: 19.04 min Scan# 2782
Delta R.T. 0.00 min
Lab File: BG016752.D
Acq: 28 Apr 2015 4:35

Tgt Ion:202 Resp: 123211
Ion Ratio Lower Upper
202 100
101 14.5 0.0 38.1
203 17.4 0.0 38.4





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.16 min Scan# 3143

Delta R.T. -0.00 min

Lab File: BG016752.D

Acq: 28 Apr 2015 4:35

Instrument :

BNA_G

ClientSampleId :

TEC01

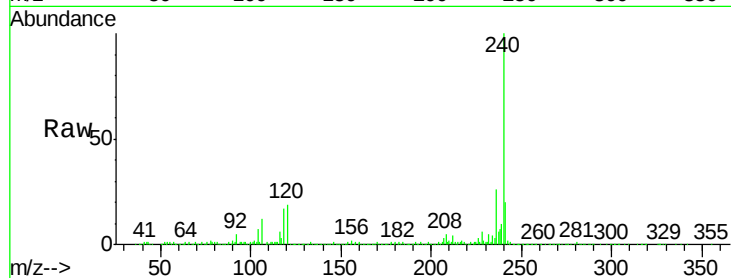
Tot Ion:240 Resp: 295263

Ion Ratio Lower Upper

240 100

120 19.2 16.3 24.5

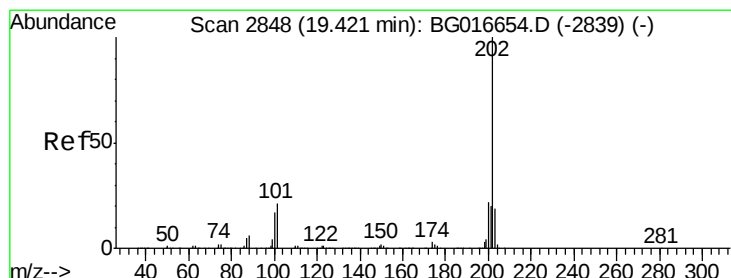
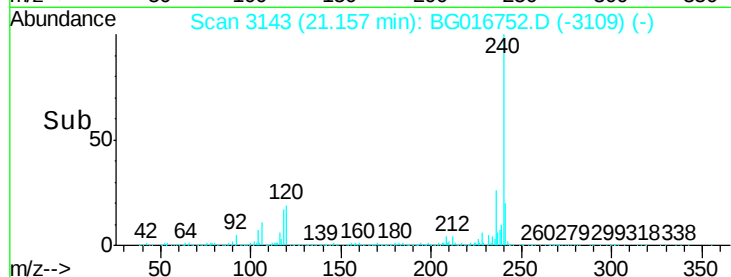
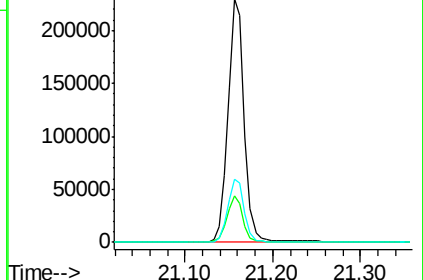
236 25.8 21.1 31.7



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



#77

Pyrene

Concen: 6.81 ng

RT: 19.40 min Scan# 2844

Delta R.T. 0.00 min

Lab File: BG016752.D

Acq: 28 Apr 2015 4:35

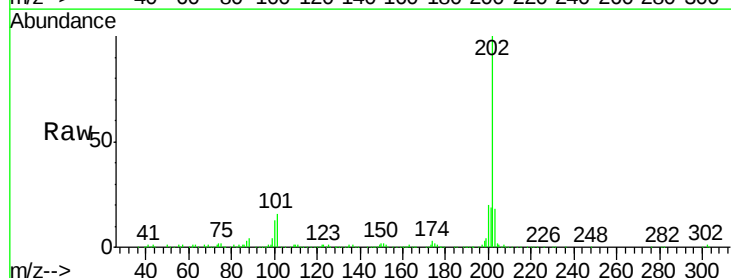
Tgt Ion:202 Resp: 141209

Ion Ratio Lower Upper

202 100

200 20.3 18.0 27.0

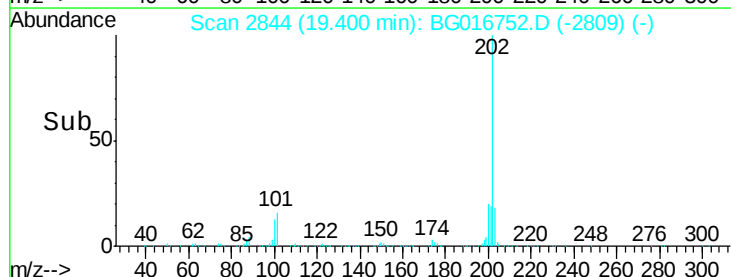
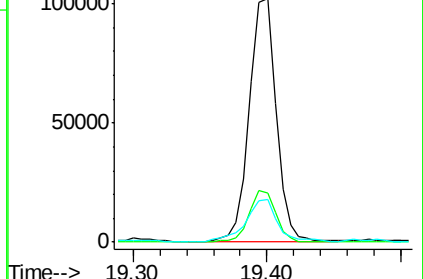
203 17.7 14.9 22.3

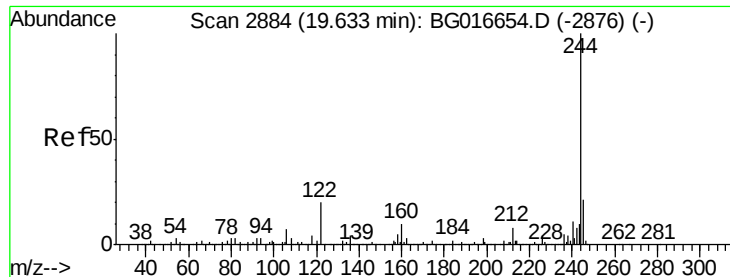


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 57.50 ng

RT: 19.61 min Scan# 2879

Delta R.T. -0.00 min

Lab File: BG016752.D

Acq: 28 Apr 2015 4:35

Instrument :

BNA_G

ClientSampleId :

TEC01

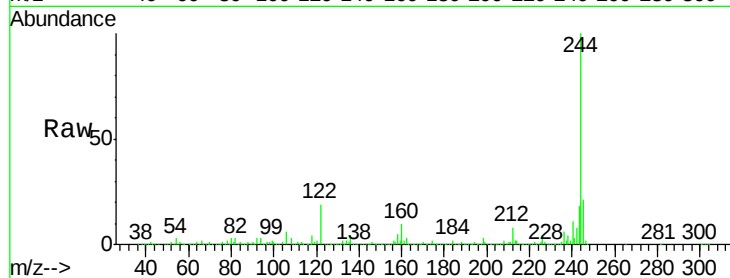
Tot Ion:244 Resp: 737023

Ion Ratio Lower Upper

244 100

212 8.0 6.4 9.6

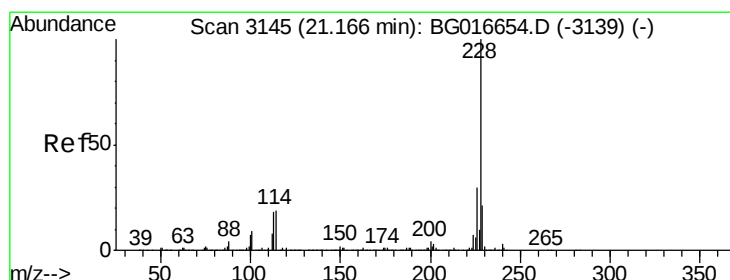
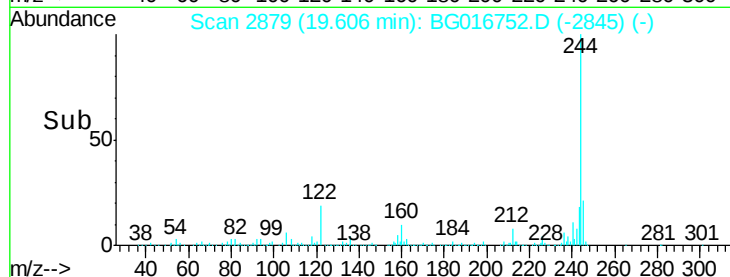
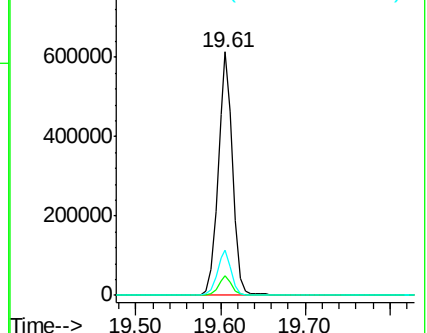
122 18.7 15.9 23.9



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



#80

Benzo(a)anthracene

Concen: 3.40 ng

RT: 21.15 min Scan# 3141

Delta R.T. -0.00 min

Lab File: BG016752.D

Acq: 28 Apr 2015 4:35

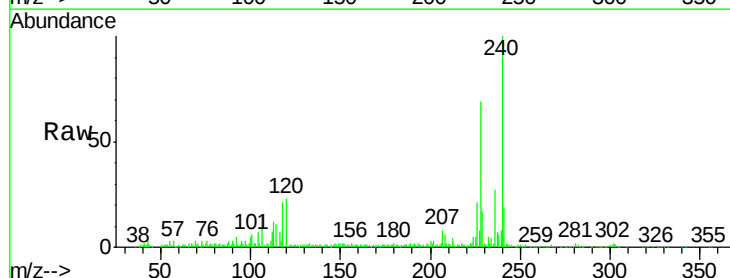
Tgt Ion:228 Resp: 60936

Ion Ratio Lower Upper

228 100

226 29.9 23.8 35.6

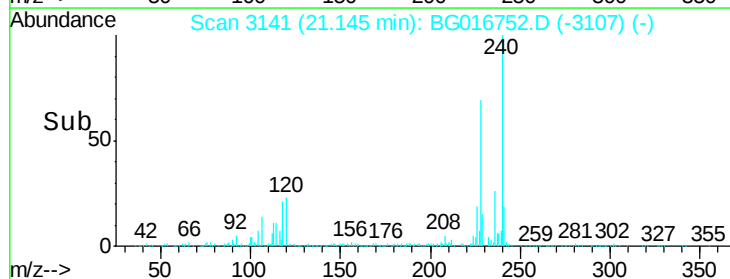
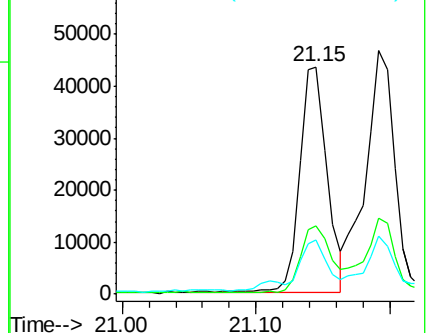
229 24.0 17.0 25.4

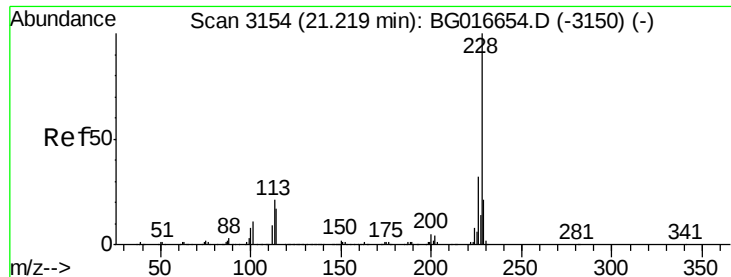


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 4.11 ng

RT: 21.19 min Scan# 3149

Delta R.T. -0.01 min

Lab File: BG016752.D

Acq: 28 Apr 2015 4:35

Instrument :

BNA_G

ClientSampleId :

TEC01

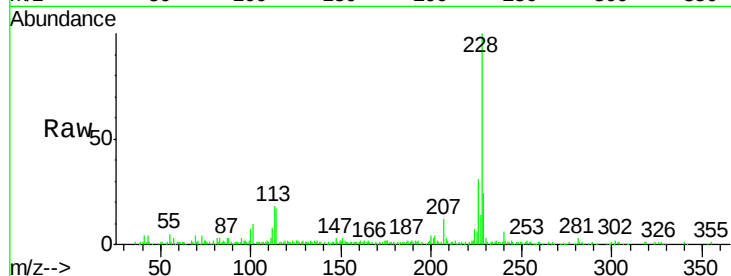
Tot Ion:228 Resp: 70568

Ion Ratio Lower Upper

228 100

226 31.3 25.4 38.0

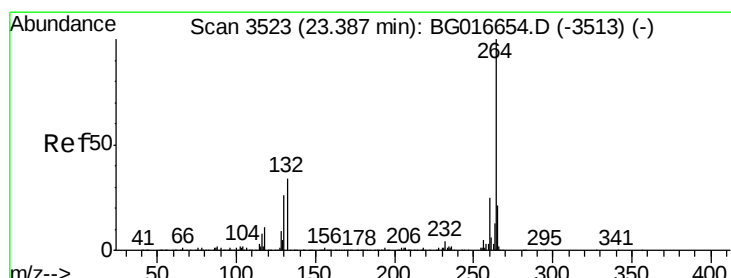
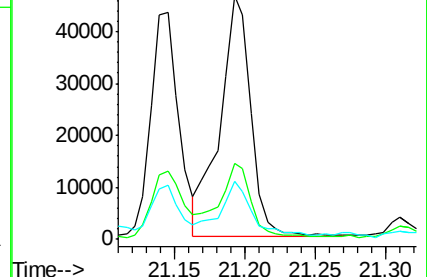
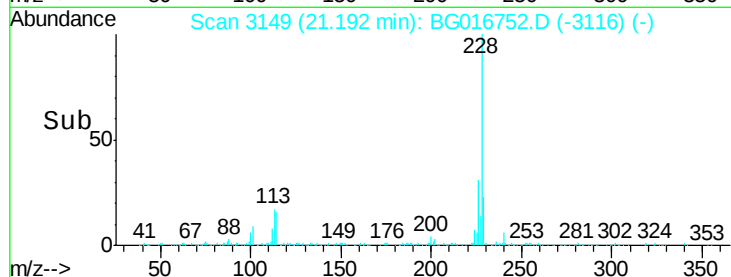
229 23.7 16.5 24.7



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.35 min Scan# 3517

Delta R.T. -0.00 min

Lab File: BG016752.D

Acq: 28 Apr 2015 4:35

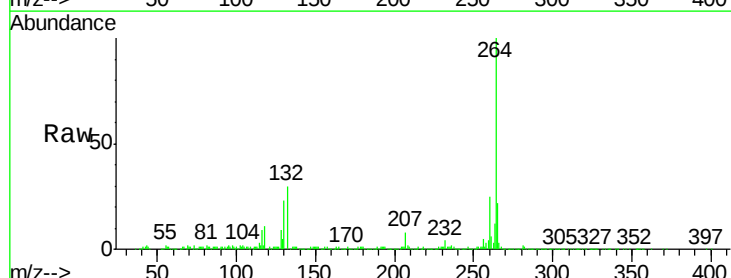
Tgt Ion:264 Resp: 284218

Ion Ratio Lower Upper

264 100

260 24.9 20.0 30.0

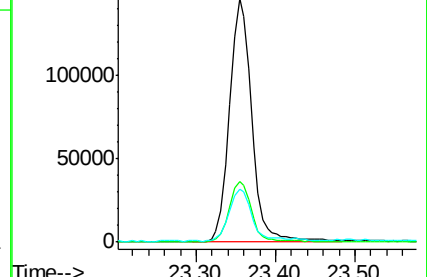
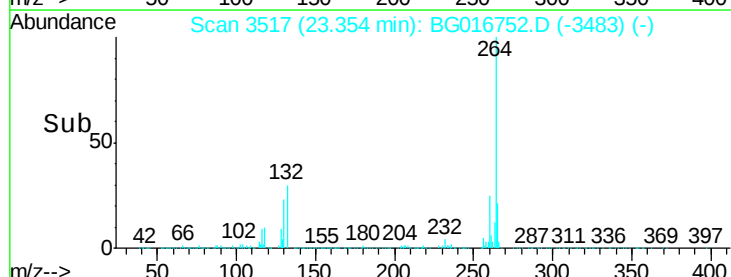
265 21.7 16.8 25.2

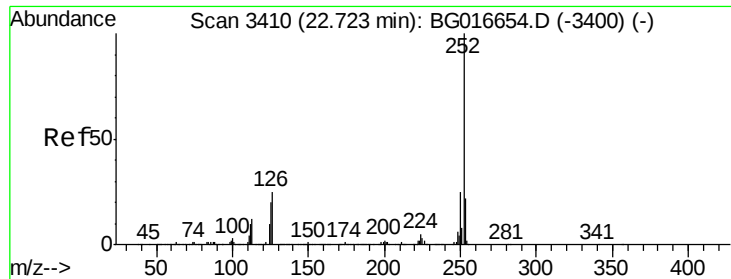


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 5.00 ng

RT: 22.70 min Scan# 3405

Delta R.T. -0.00 min

Lab File: BG016752.D

Acq: 28 Apr 2015 4:35

Instrument :

BNA_G

ClientSampleId :

TEC01

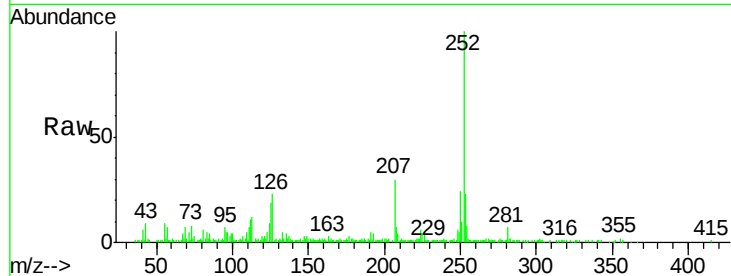
Tot Ion:252 Resp: 86257

Ion Ratio Lower Upper

252 100

253 23.2 17.9 26.9

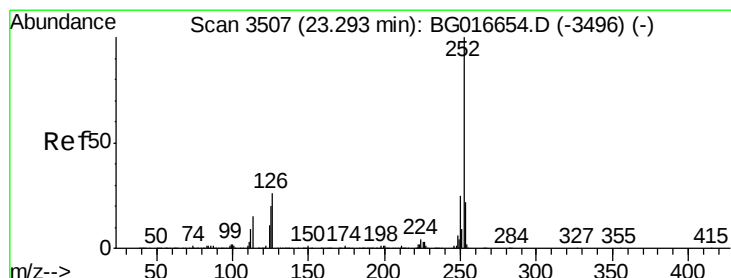
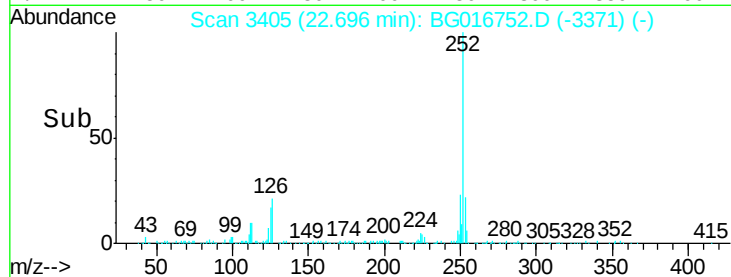
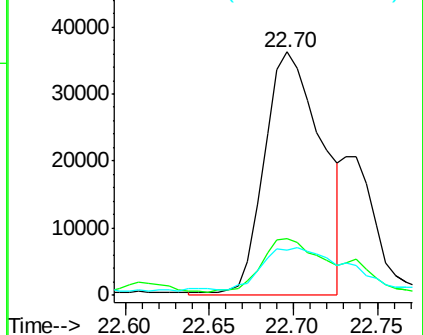
125 18.7 15.8 23.8



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



#89

Benzo(a)pyrene

Concen: 3.62 ng

RT: 23.26 min Scan# 3501

Delta R.T. -0.00 min

Lab File: BG016752.D

Acq: 28 Apr 2015 4:35

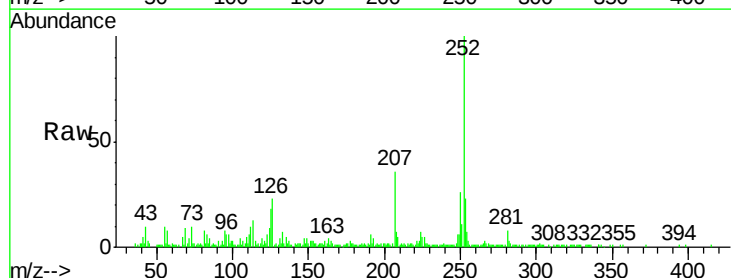
Tgt Ion:252 Resp: 58964

Ion Ratio Lower Upper

252 100

253 22.8 17.2 25.8

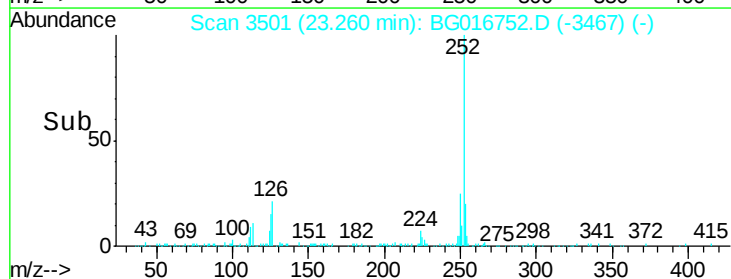
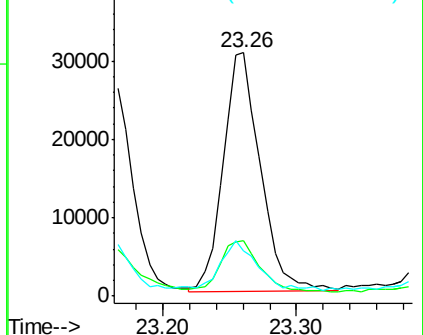
125 18.4 16.3 24.5

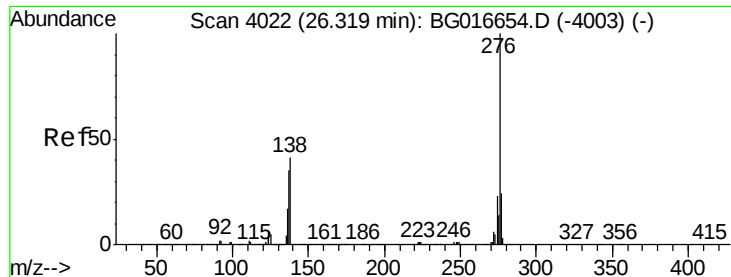


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

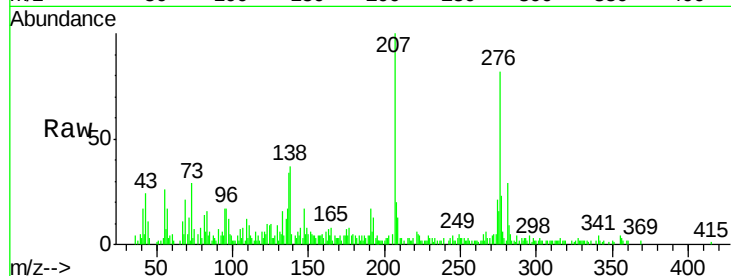




#91
 Benzo(a,h,i)perylene
 Concen: 2.18 ng
 RT: 26.26 min Scan# 4012
 Delta R.T. -0.00 min
 Lab File: BG016752.D
 Acq: 28 Apr 2015 4:35

Instrument :
 BNA_G
 ClientSampleId :
 TEC01

Tot Ion	Ratio	Lower	Upper
276	100		
277	27.6	19.3	28.9
138	45.1	32.8	49.2



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

