

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071616\
 Data File : BG023151.D
 Acq On : 16 Jul 2016 17:43
 Operator : UM/SJ
 Sample : H3951-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LSS-SB-SB01(7-9ft)

Quant Time: Jul 18 02:06:47 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 12 18:30:58 2016
 Response via : Initial Calibration

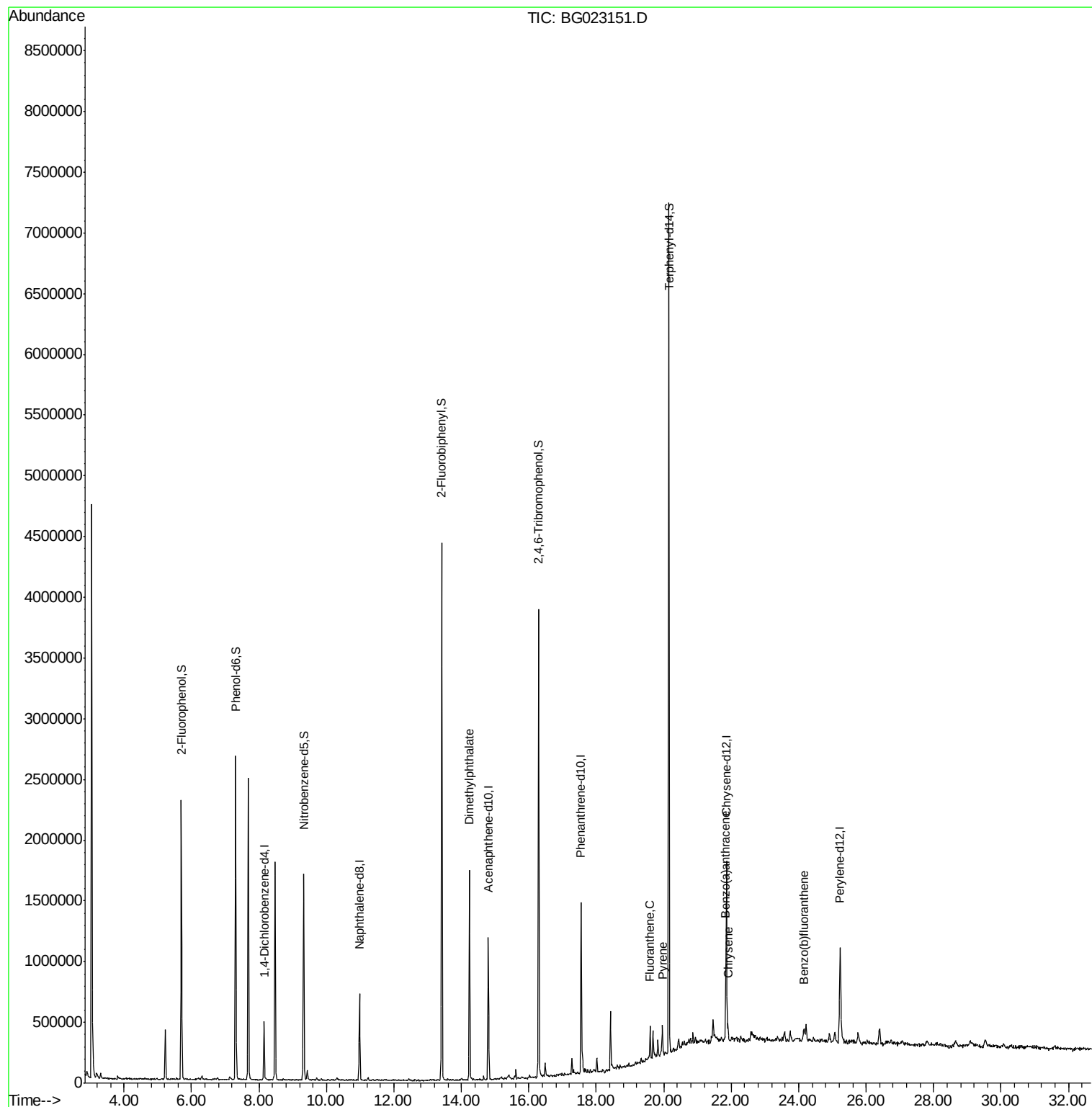
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	119117	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	562015	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	388981	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	862558	20.00	ng	0.00
75) Chrysene-d12	21.86	240	889224	20.00	ng	0.00
86) Perylene-d12	25.23	264	909766	20.00	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	918008	126.04	ng	0.00
7) Phenol-d6	7.31	99	1468530	128.74	ng	0.00
23) Nitrobenzene-d5	9.32	82	1096301	83.53	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	690486	98.77	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2122947	85.97	ng	0.00
78) Terphenyl-d14	20.15	244	2601342	98.61	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	14.24	163	1101728	34.67	ng	99
74) Fluoranthene	19.60	202	167256	3.22	ng	93
77) Pyrene	19.96	202	160408	3.21	ng	# 91
80) Benzo(a)anthracene	21.83	228	108875m	2.19	ng	
82) Chrysene	21.90	228	108873	2.33	ng	93
87) Benzo(b)fluoranthene	24.15	252	139163	2.65	ng	# 97

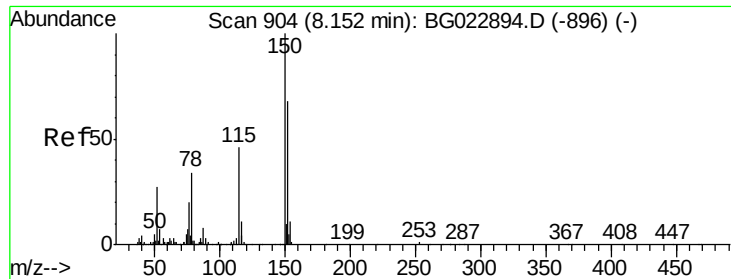
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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LSS-SB-SB01(7-9ft)

Quant Time: Jul 18 02:06:47 2016
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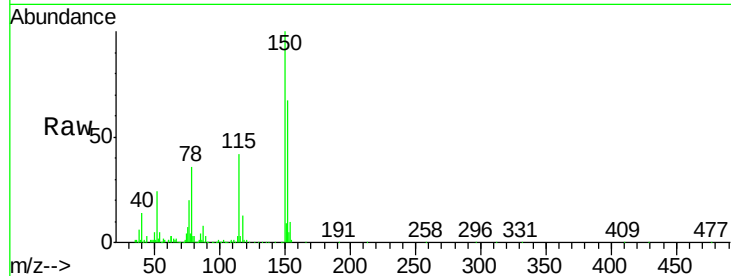


#1

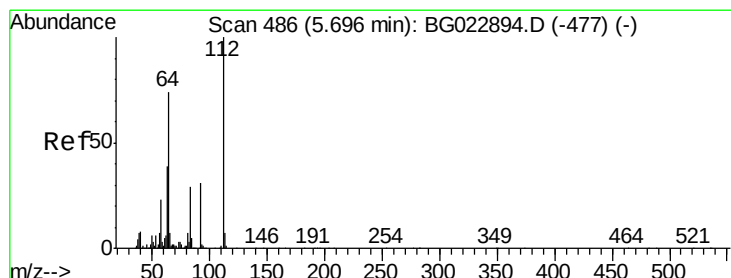
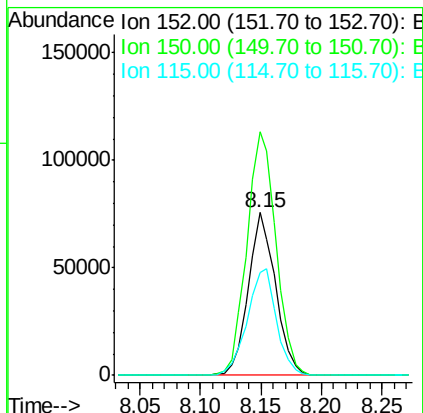
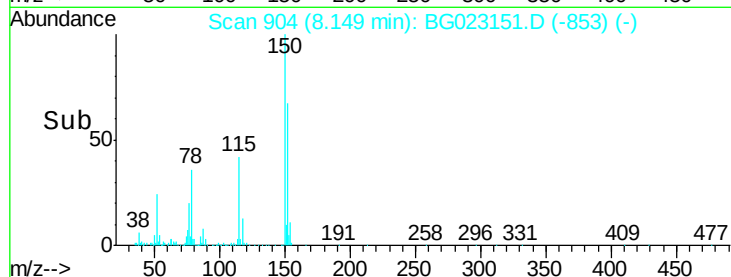
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.15 min Scan# 904
Delta R.T. -0.00 min
Lab File: BG023151.D
Acq: 16 Jul 2016 17:43

Instrument :
BNA_G
ClientSampleId :
LSS-SB-SB01(7-9ft)

Tgt Ion	Ratio	Lower	Upper
152	100		
150	149.7	144.7	217.1
115	63.2	64.0	96.0



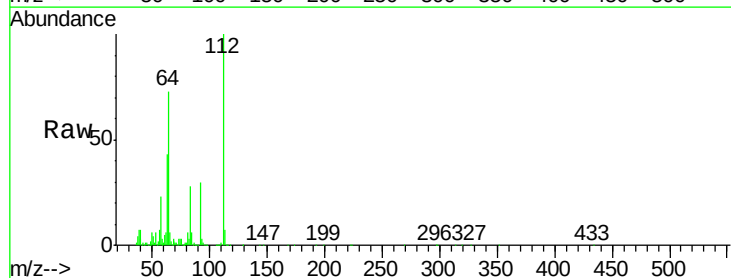
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



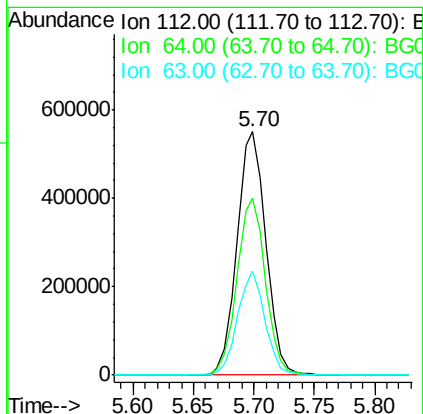
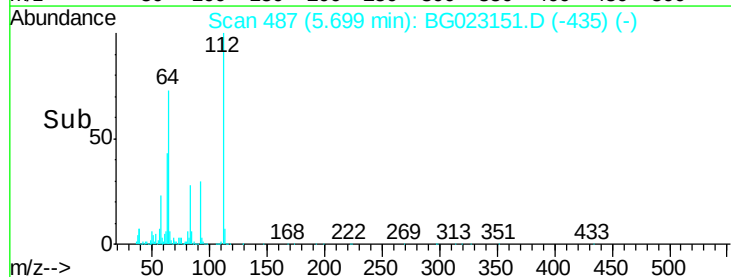
#5

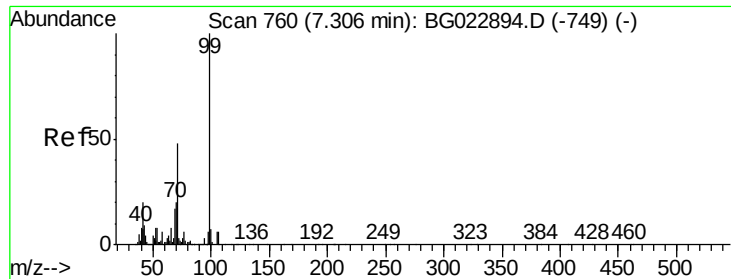
2-Fluorophenol
Concen: 126.04 ng
RT: 5.70 min Scan# 487
Delta R.T. 0.00 min
Lab File: BG023151.D
Acq: 16 Jul 2016 17:43

Tgt Ion	Ratio	Lower	Upper
112	100		
64	72.8	59.0	88.4
63	42.8	37.8	56.8



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: 128.74 ng

RT: 7.31 min Scan# 761

Delta R.T. 0.00 min

Lab File: BG023151.D

Acq: 16 Jul 2016 17:43

Instrument :

BNA_G

ClientSampleId :

LSS-SB-SB01(7-9ft)

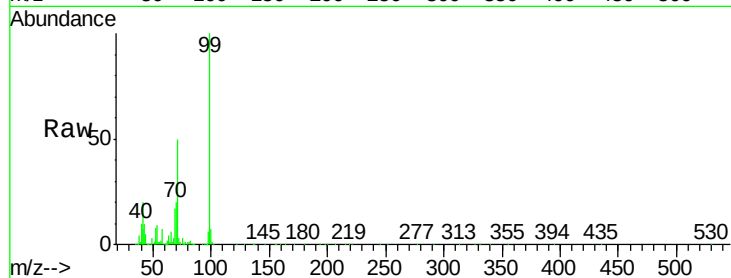
Tgt Ion: 99 Resp: 1468530

Ion Ratio Lower Upper

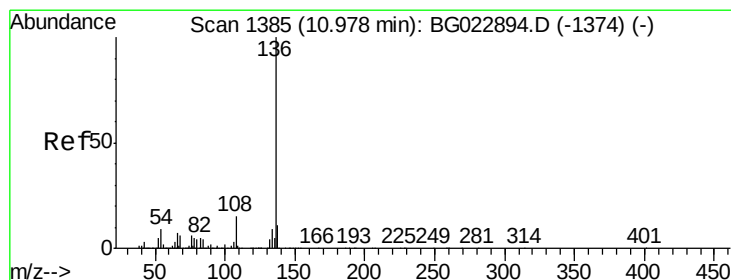
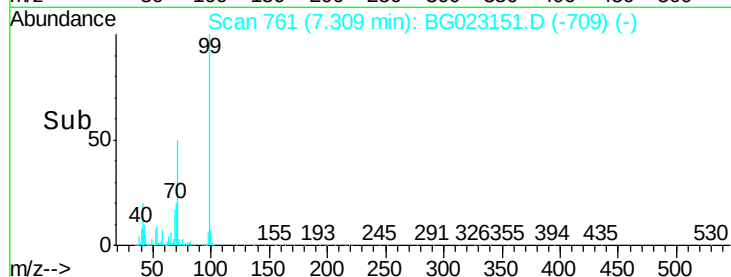
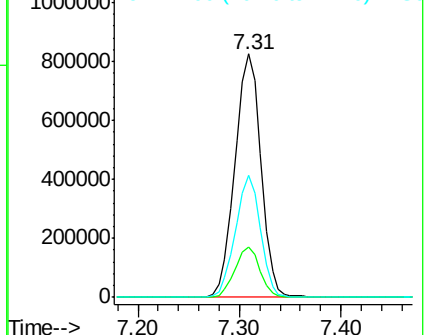
99 100

42 20.4 17.8 26.6

71 50.2 41.5 62.3



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: 10.98 min Scan# 1386

Delta R.T. 0.00 min

Lab File: BG023151.D

Acq: 16 Jul 2016 17:43

Tgt Ion: 136 Resp: 562015

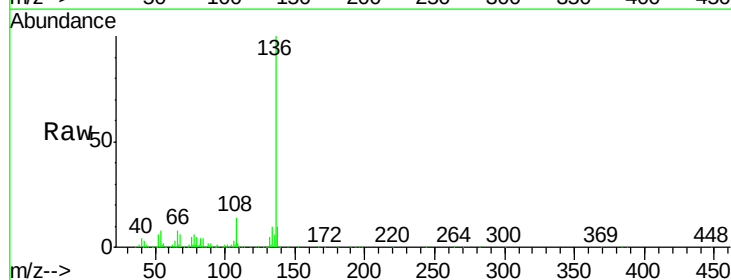
Ion Ratio Lower Upper

136 100

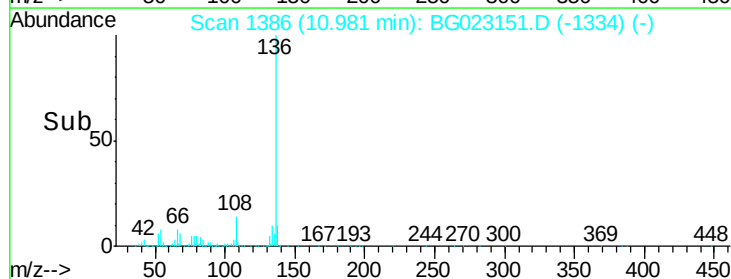
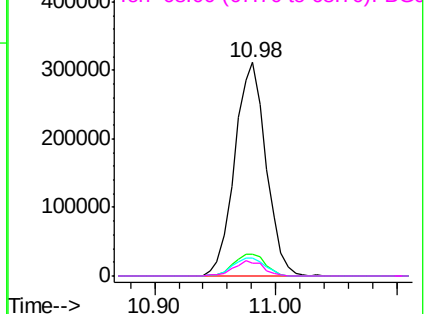
137 10.1 9.6 14.4

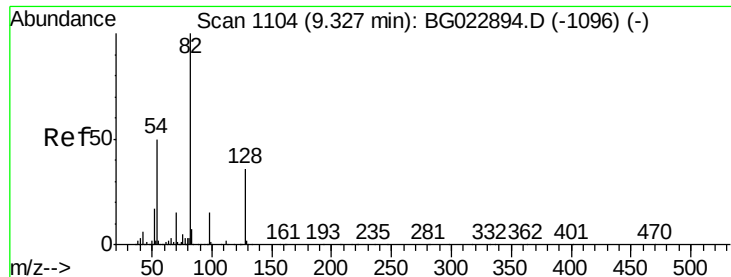
54 8.5 7.3 10.9

68 5.9 5.3 7.9



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: 83.53 ng

RT: 9.32 min Scan# 1104

Delta R.T. -0.00 min

Lab File: BG023151.D

Acq: 16 Jul 2016 17:43

Instrument :

BNA_G

ClientSampleId :

LSS-SB-SB01(7-9ft)

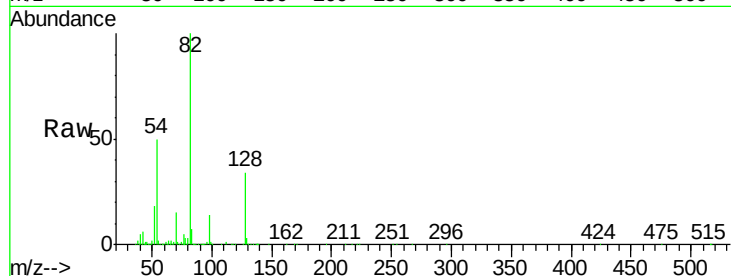
Tgt Ion: 82 Resp: 1096301

Ion Ratio Lower Upper

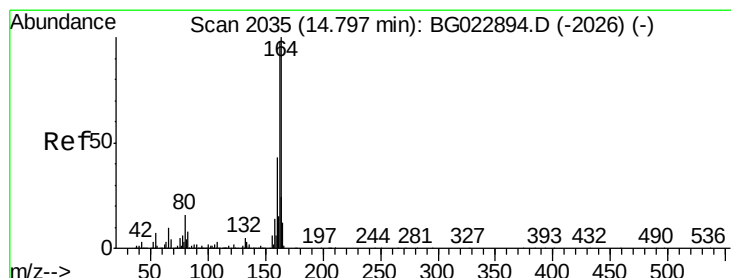
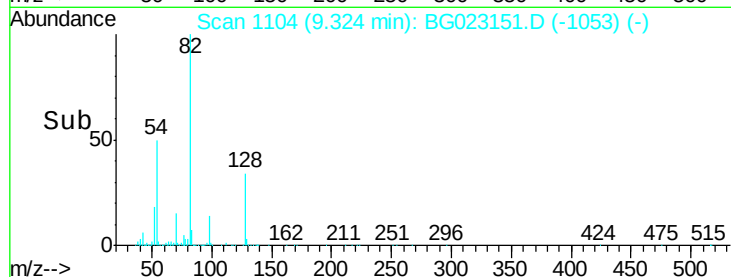
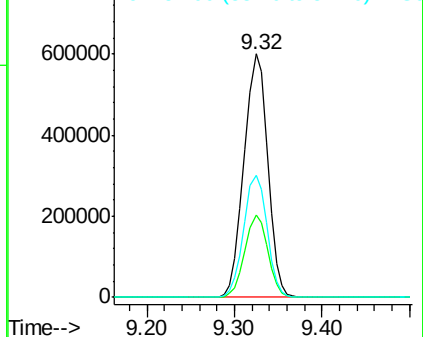
82 100

128 33.8 24.4 36.6

54 49.9 41.4 62.0



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.80 min Scan# 2036

Delta R.T. 0.00 min

Lab File: BG023151.D

Acq: 16 Jul 2016 17:43

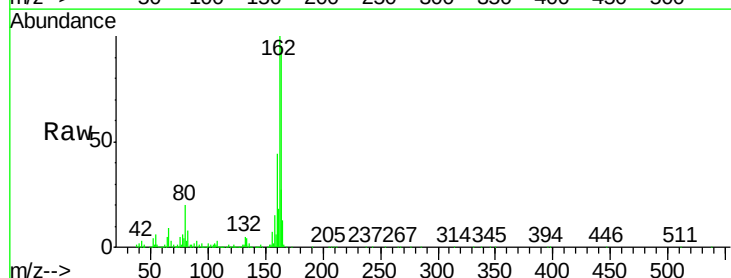
Tgt Ion: 164 Resp: 388981

Ion Ratio Lower Upper

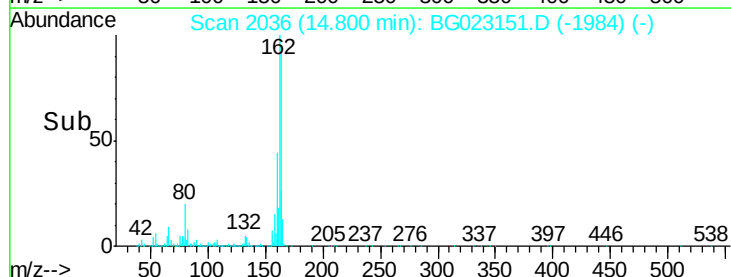
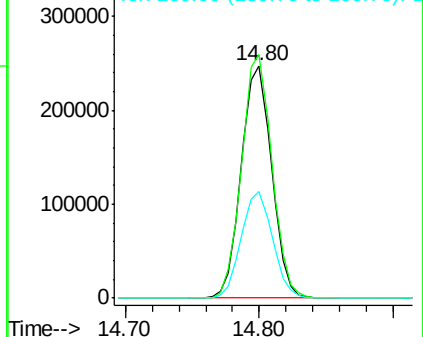
164 100

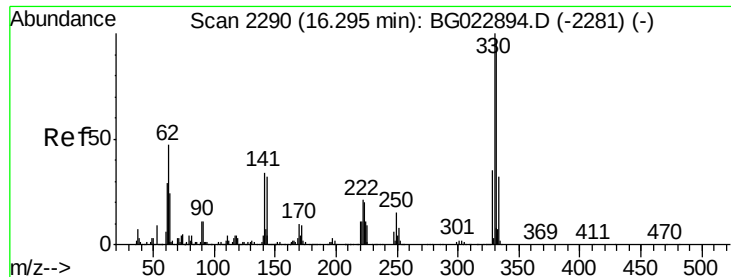
162 104.8 87.7 131.5

160 45.8 37.2 55.8



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

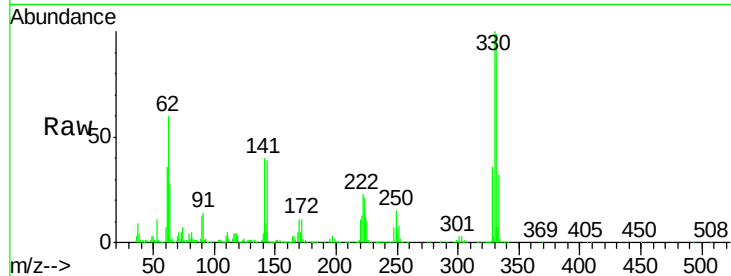




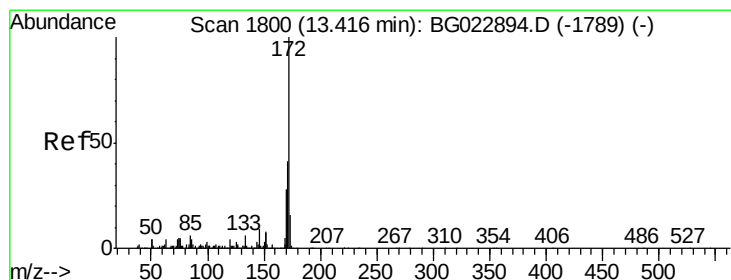
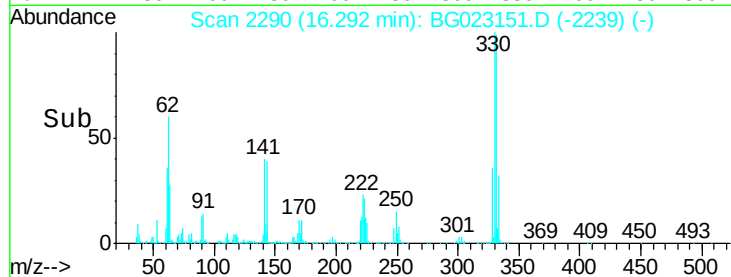
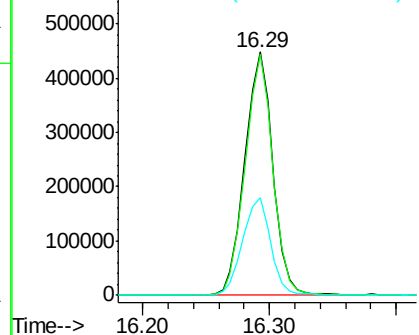
#41
 2,4,6-Tribromophenol
 Concen: 98.77 ng
 RT: 16.29 min Scan# 2290
 Delta R.T. -0.00 min
 Lab File: BG023151.D
 Acq: 16 Jul 2016 17:43

Instrument :
 BNA_G
 ClientSampleId :
 LSS-SB-SB01(7-9ft)

Tgt Ion:330 Resp: 690486
 Ion Ratio Lower Upper
 330 100
 332 97.4 77.4 116.2
 141 39.8 31.7 47.5

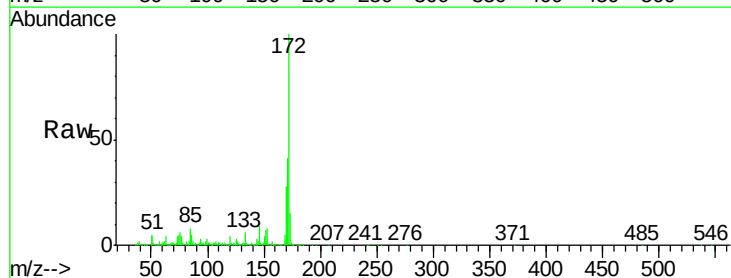


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

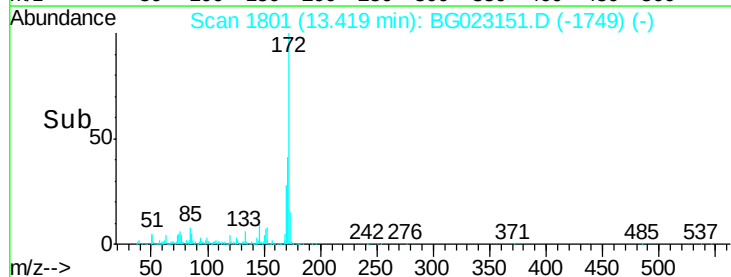
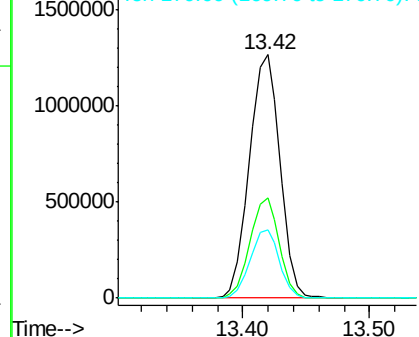


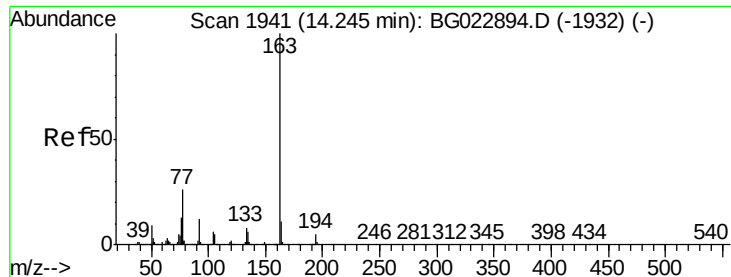
#44
 2-Fluorobiphenyl
 Concen: 85.97 ng
 RT: 13.42 min Scan# 1801
 Delta R.T. 0.00 min
 Lab File: BG023151.D
 Acq: 16 Jul 2016 17:43

Tgt Ion:172 Resp: 2122947
 Ion Ratio Lower Upper
 172 100
 171 41.4 31.6 47.4
 170 28.2 21.3 31.9



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: 34.67 ng

RT: 14.24 min Scan# 1941

Delta R.T. -0.00 min

Lab File: BG023151.D

Acq: 16 Jul 2016 17:43

Instrument :

BNA_G

ClientSampleId :

LSS-SB-SB01(7-9ft)

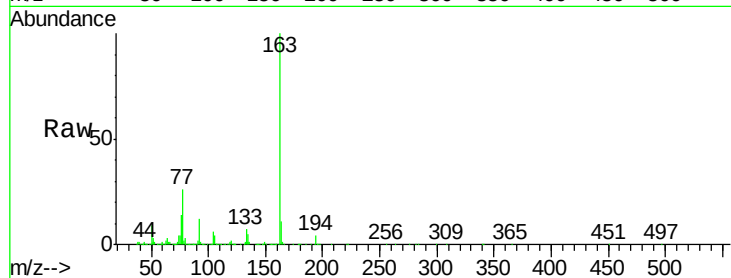
Tgt Ion:163 Resp: 1101728

Ion Ratio Lower Upper

163 100

194 4.4 3.6 5.4

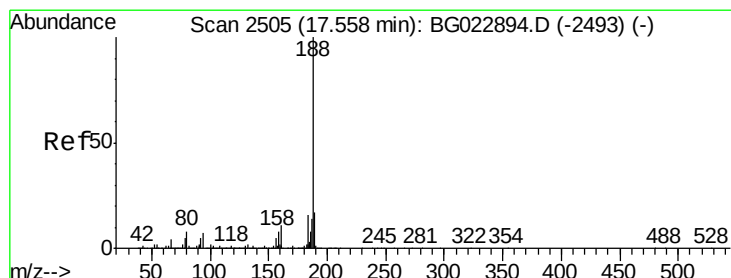
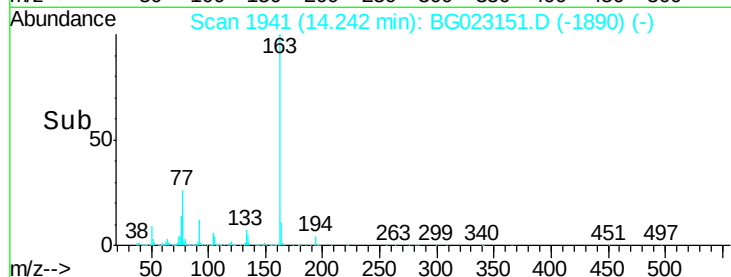
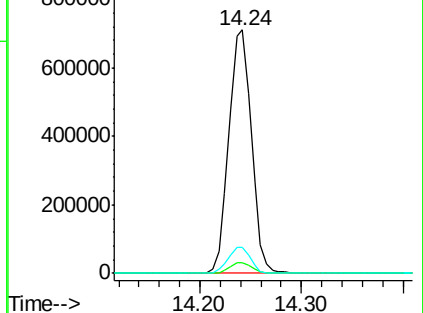
164 10.6 8.1 12.1



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: 17.55 min Scan# 2504

Delta R.T. -0.01 min

Lab File: BG023151.D

Acq: 16 Jul 2016 17:43

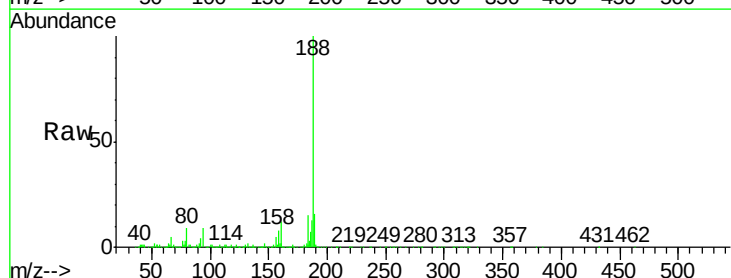
Tgt Ion:188 Resp: 862558

Ion Ratio Lower Upper

188 100

94 8.5 5.2 7.8#

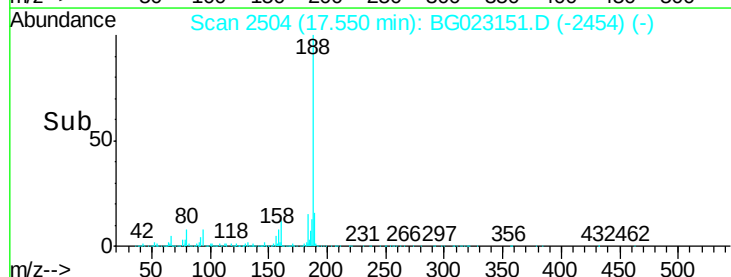
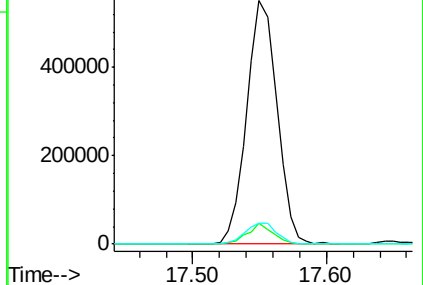
80 8.5 7.2 10.8

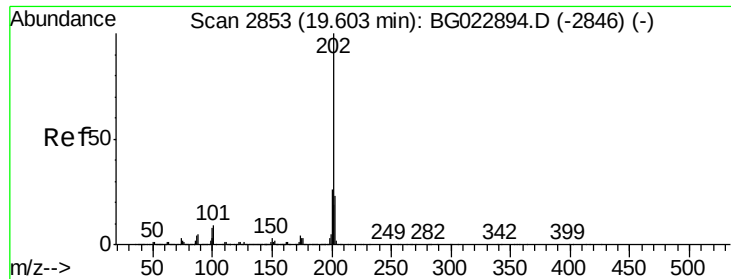


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#74

Fluoranthene

Concen: 3.22 ng

RT: 19.60 min Scan# 2853

Delta R.T. -0.00 min

Lab File: BG023151.D

Acq: 16 Jul 2016 17:43

Instrument :

BNA_G

ClientSampleId :

LSS-SB-SB01(7-9ft)

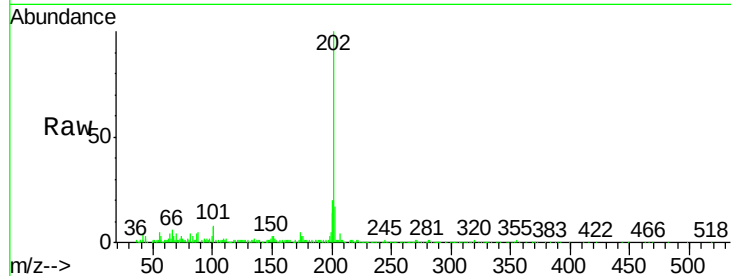
Tgt Ion:202 Resp: 167256

Ion Ratio Lower Upper

202 100

101 8.4 0.0 27.4

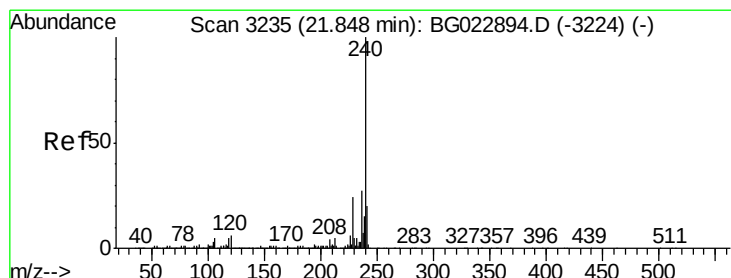
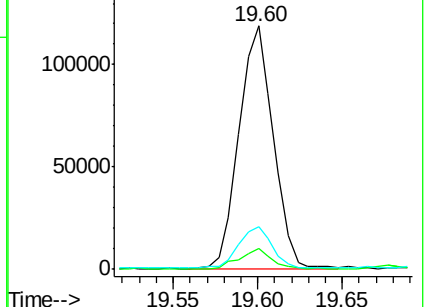
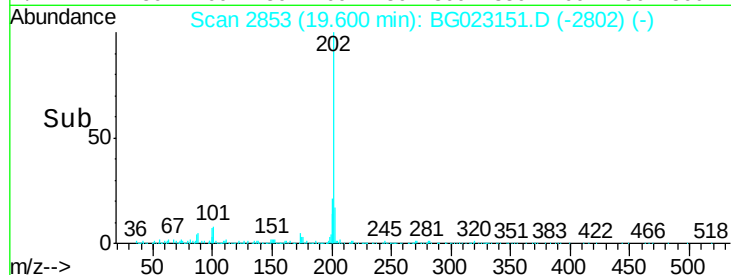
203 17.4 1.7 41.7



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.86 min Scan# 3237

Delta R.T. 0.01 min

Lab File: BG023151.D

Acq: 16 Jul 2016 17:43

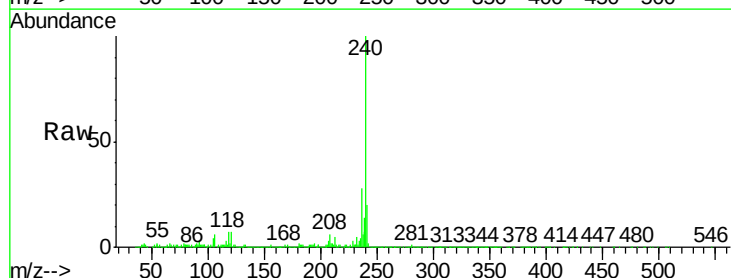
Tgt Ion:240 Resp: 889224

Ion Ratio Lower Upper

240 100

120 6.8 4.1 6.1#

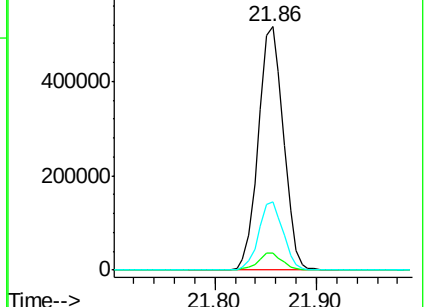
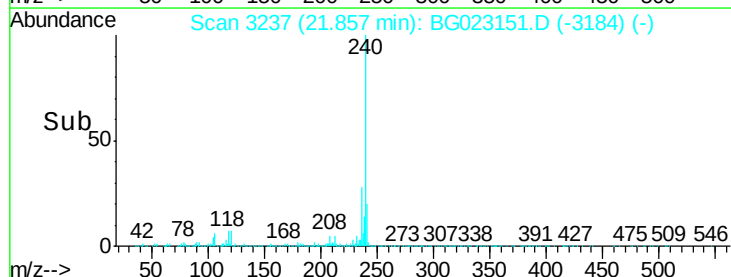
236 28.2 21.1 31.7

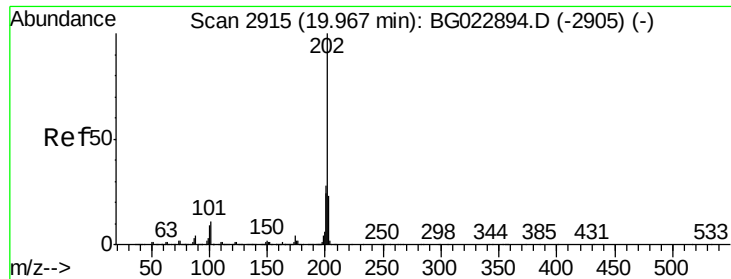


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 3.21 ng

RT: 19.96 min Scan# 2915

Delta R.T. -0.00 min

Lab File: BG023151.D

Acq: 16 Jul 2016 17:43

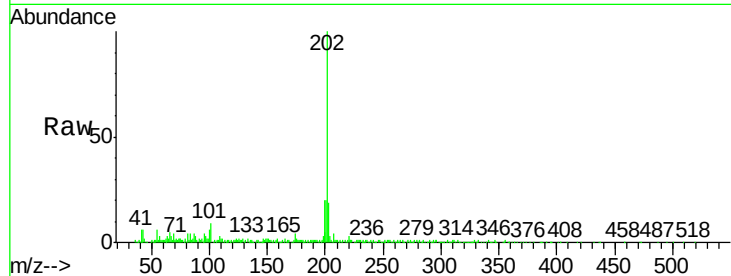
Instrument :

BNA_G

ClientSampleId :

LSS-SB-SB01(7-9ft)

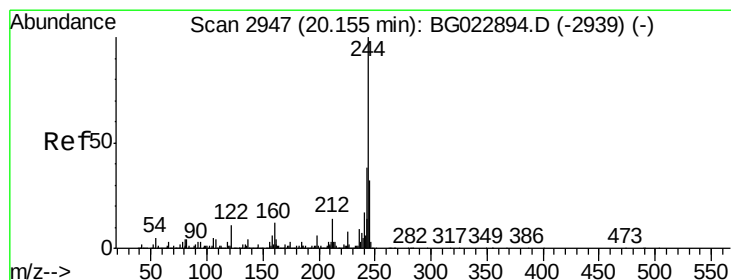
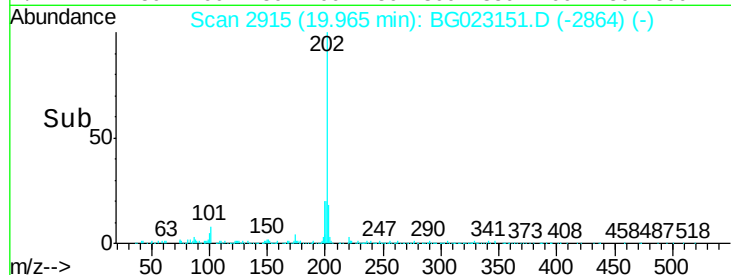
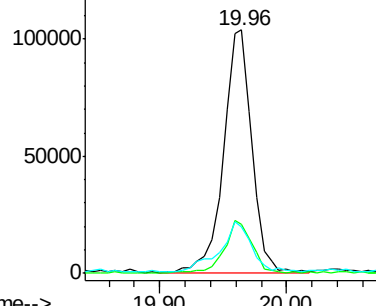
Tgt Ion:	202	Resp:	160408
Ion	Ratio	Lower	Upper
202	100		
200	20.1	21.2	31.8#
203	19.1	16.8	25.2



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: 98.61 ng

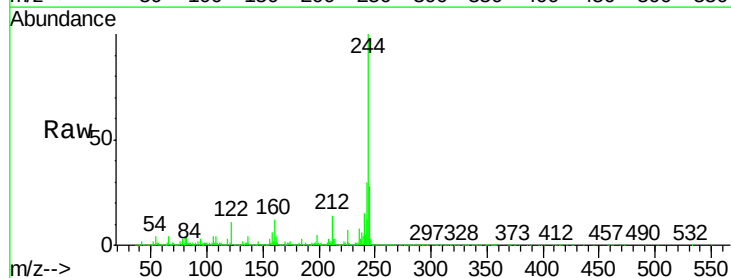
RT: 20.15 min Scan# 2947

Delta R.T. -0.00 min

Lab File: BG023151.D

Acq: 16 Jul 2016 17:43

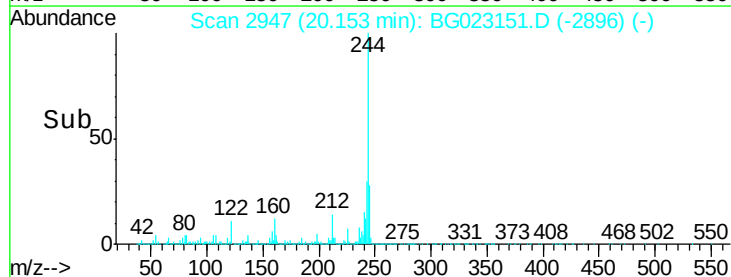
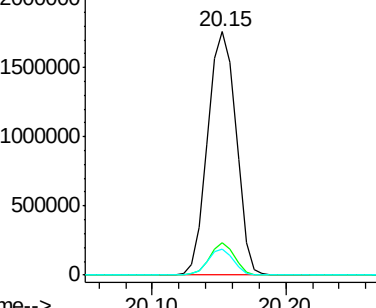
Tgt Ion:	244	Resp:	2601342
Ion	Ratio	Lower	Upper
244	100		
212	13.6	10.8	16.2
122	10.6	8.0	12.0

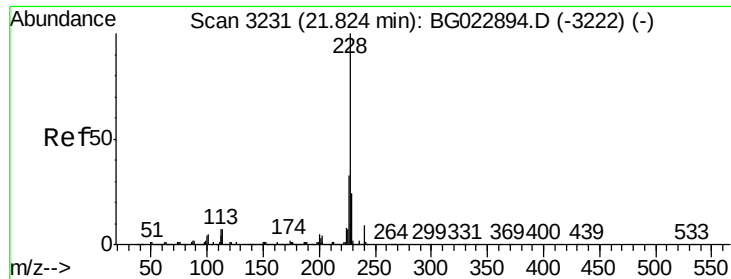


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 2.19 ng m

RT: 21.83 min Scan# 3233

Delta R.T. 0.01 min

Lab File: BG023151.D

Acq: 16 Jul 2016 17:43

Instrument :

BNA_G

ClientSampleId :

LSS-SB-SB01(7-9ft)

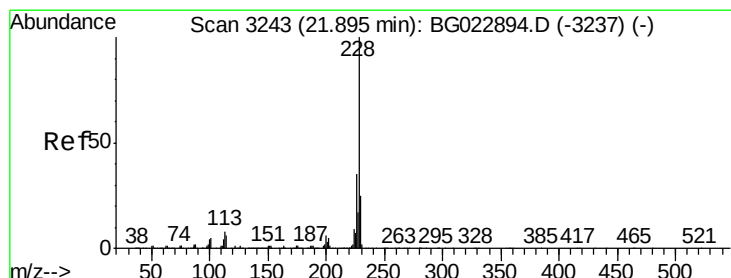
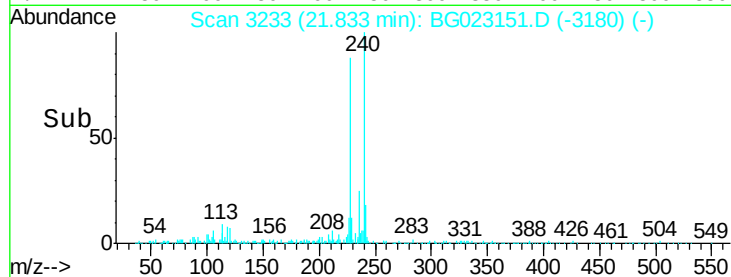
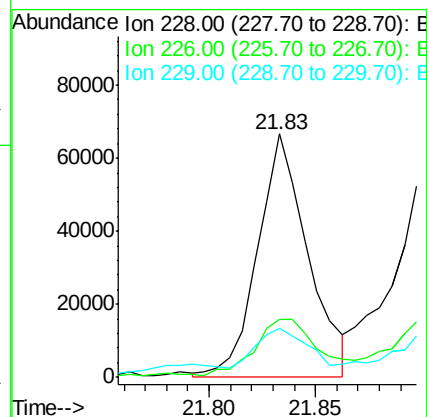
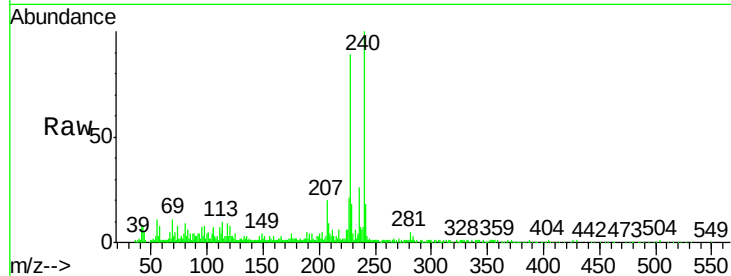
Tgt Ion:228 Resp: 108875

Ion Ratio Lower Upper

228 100

226 23.6 25.3 37.9#

229 20.2 19.9 29.9



#82

Chrysene

Concen: 2.33 ng

RT: 21.90 min Scan# 3245

Delta R.T. 0.01 min

Lab File: BG023151.D

Acq: 16 Jul 2016 17:43

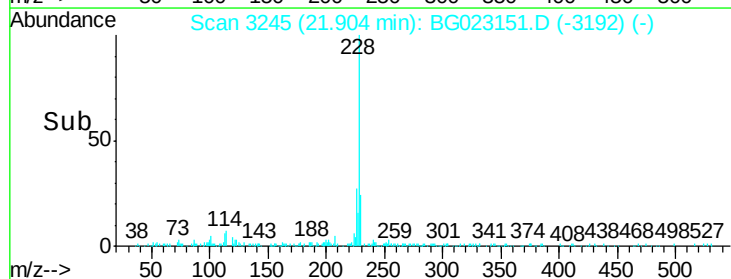
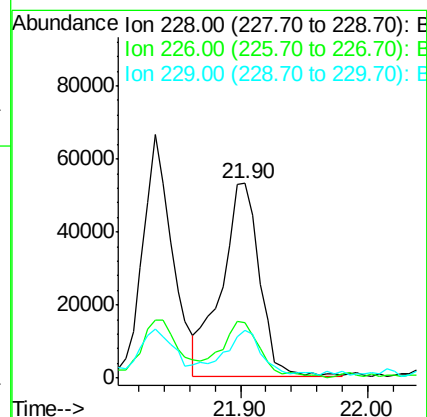
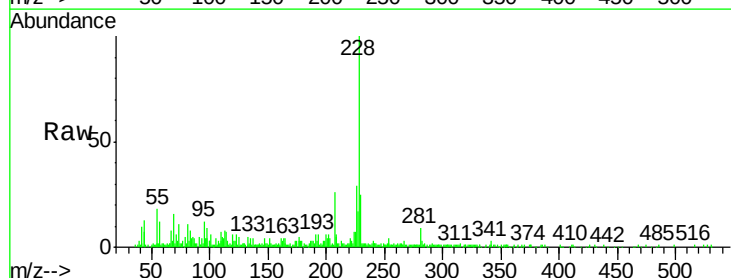
Tgt Ion:228 Resp: 108873

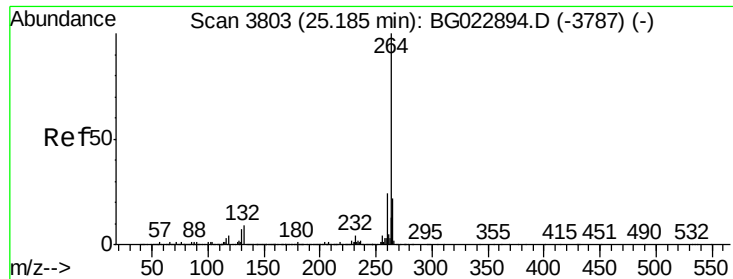
Ion Ratio Lower Upper

228 100

226 28.8 26.7 40.1

229 24.7 17.4 26.2

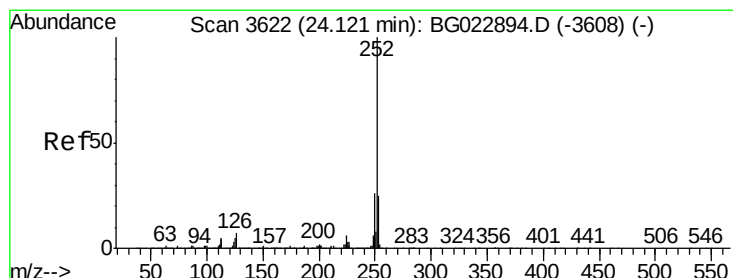
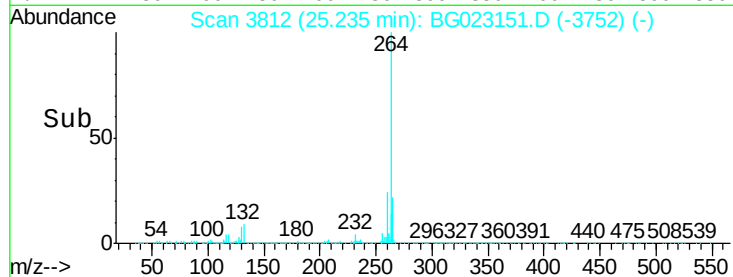
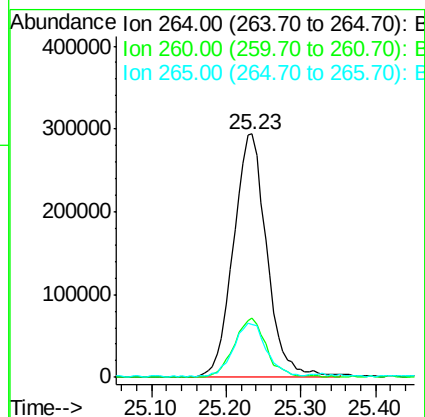
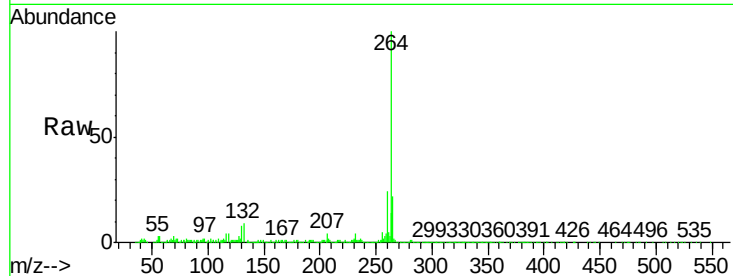




#86
Perylene-d12
Concen: 20.00 ng
RT: 25.23 min Scan# 3812
Delta R.T. 0.05 min
Lab File: BG023151.D
Acq: 16 Jul 2016 17:43

Instrument :
BNA_G
ClientSampleId :
LSS-SB-SB01(7-9ft)

Tgt Ion:	264	Resp:	909766
Ion Ratio	Lower	Upper	
264	100		
260	24.5	18.4	27.6
265	22.0	18.9	28.3



#87
Benzo(b)fluoranthene
Concen: 2.65 ng
RT: 24.15 min Scan# 3628
Delta R.T. 0.03 min
Lab File: BG023151.D
Acq: 16 Jul 2016 17:43

Tgt Ion:	252	Resp:	139163
Ion Ratio	Lower	Upper	
252	100		
253	22.5	18.9	28.3
125	6.7	3.9	5.9#

