

Data Path : V:\HPCHEM1\BNA G\DATA\BG070916\
 Data File : BG022941.D
 Acq On : 8 Jul 2016 22:05
 Operator : UM/SJ
 Sample : H3859-04
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LIC-FB-1-6-28-16

Quant Time: Jul 09 00:25:57 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG070816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 07 16:51:07 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	111205	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	512059	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	413686	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	985852	20.00	ng	0.00
75) Chrysene-d12	21.85	240	988841	20.00	ng	0.00
86) Perylene-d12	25.20	264	1024969	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	411401	60.51	ng	0.00
7) Phenol-d6	7.31	99	426282	40.03	ng	0.00
23) Nitrobenzene-d5	9.33	82	1030739	86.19	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	913741	122.90	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2224912	84.71	ng	0.00
78) Terphenyl-d14	20.15	244	3032852	107.74	ng	0.00

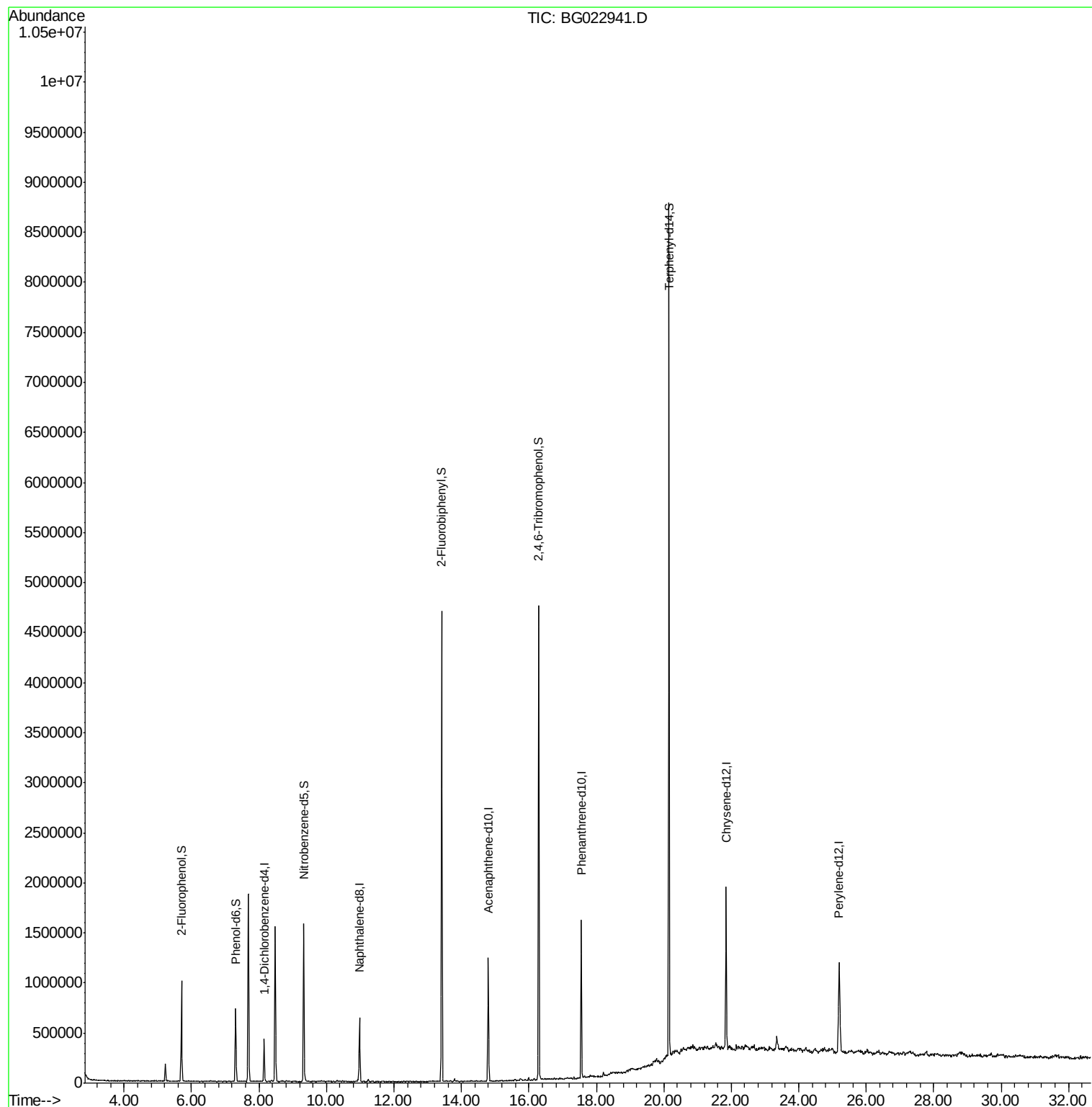
Target Compounds Qvalue

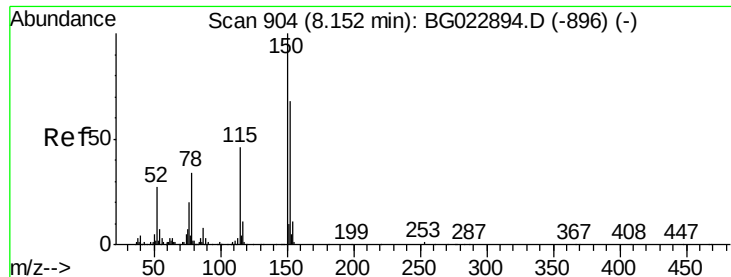
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jul 07 16:51:07 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.16 min Scan# 905

Delta R.T. 0.01 min

Lab File: BG022941.D

Acq: 8 Jul 2016 22:05

Instrument :

BNA_G

ClientSampleId :

LIC-FB-1-6-28-16

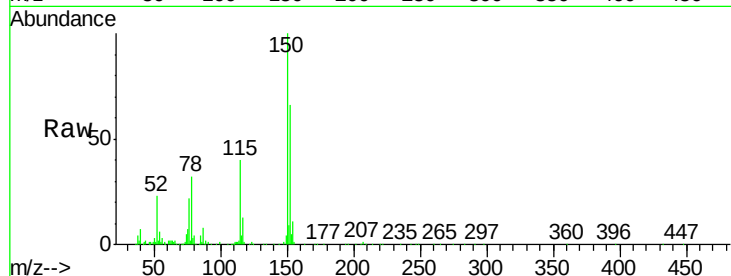
Tot Ion:152 Resp: 111205

Ion Ratio Lower Upper

152 100

150 150.4 144.7 217.1

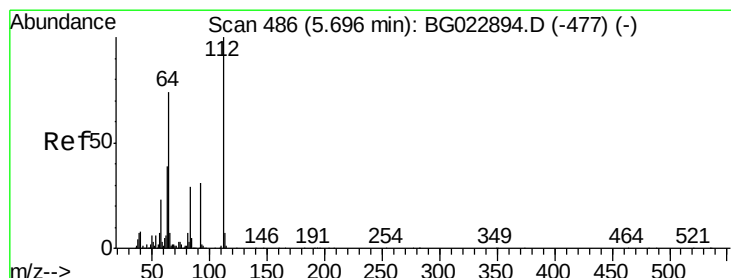
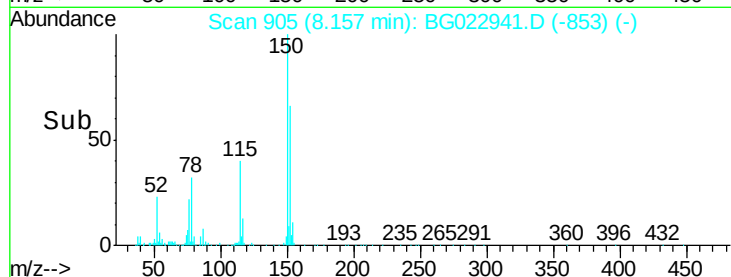
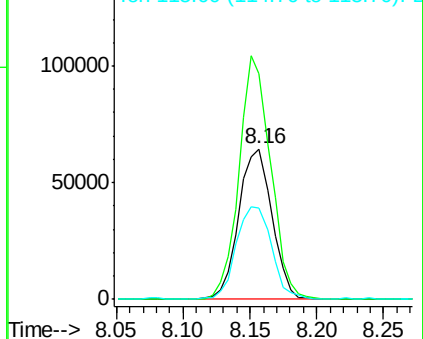
115 60.6 64.0 96.0#



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: 60.51 ng

RT: 5.70 min Scan# 487

Delta R.T. 0.01 min

Lab File: BG022941.D

Acq: 8 Jul 2016 22:05

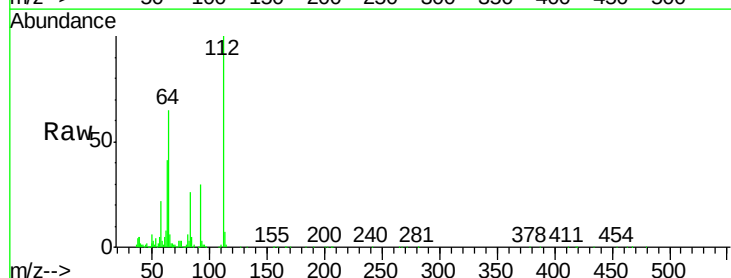
Tgt Ion:112 Resp: 411401

Ion Ratio Lower Upper

112 100

64 65.1 59.0 88.4

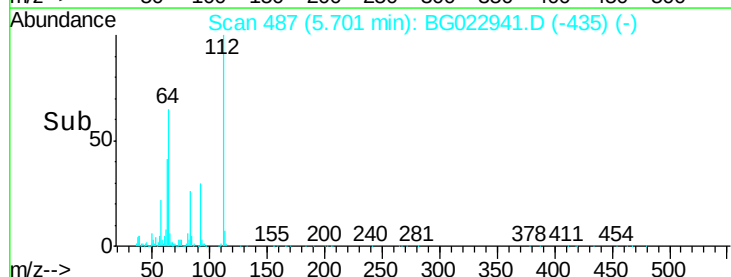
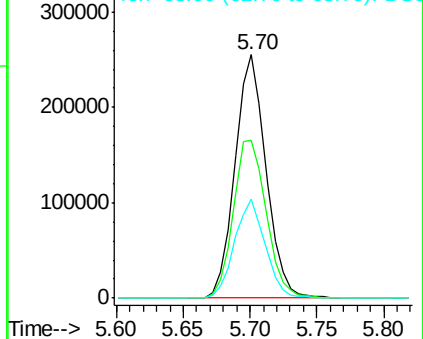
63 40.9 37.8 56.8

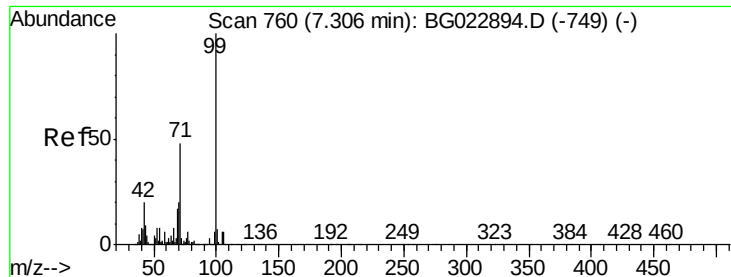


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 40.03 ng

RT: 7.31 min Scan# 761

Delta R.T. 0.01 min

Lab File: BG022941.D

Acq: 8 Jul 2016 22:05

Instrument :

BNA_G

ClientSampleId :

LIC-FB-1-6-28-16

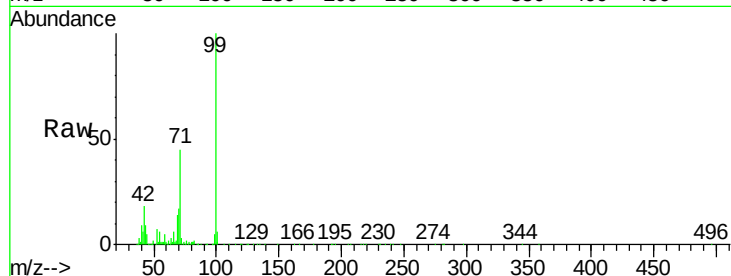
Tot Ion: 99 Resp: 426282

Ion Ratio Lower Upper

99 100

42 18.0 17.8 26.6

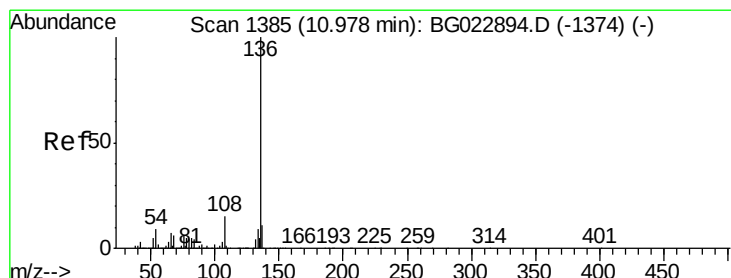
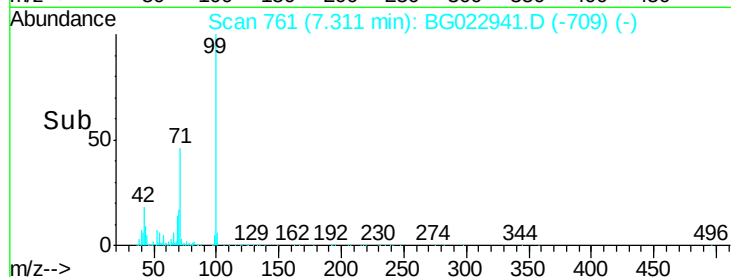
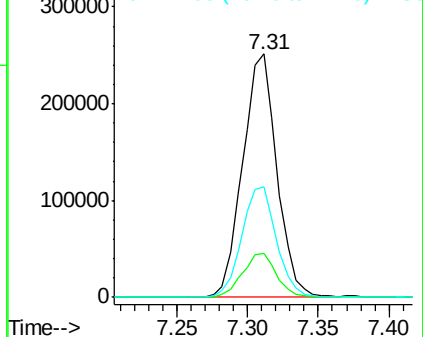
71 45.5 41.5 62.3



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. 0.01 min

Lab File: BG022941.D

Acq: 8 Jul 2016 22:05

Tgt Ion: 136 Resp: 512059

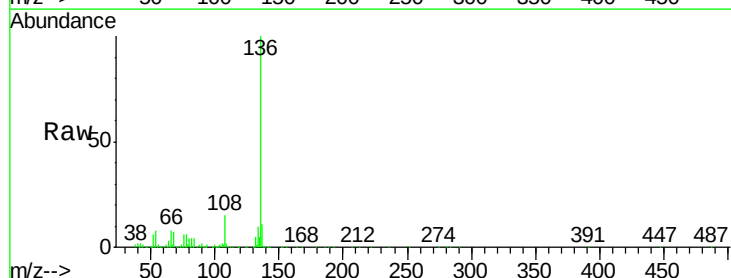
Ion Ratio Lower Upper

136 100

137 11.1 9.6 14.4

54 7.6 7.3 10.9

68 6.6 5.3 7.9

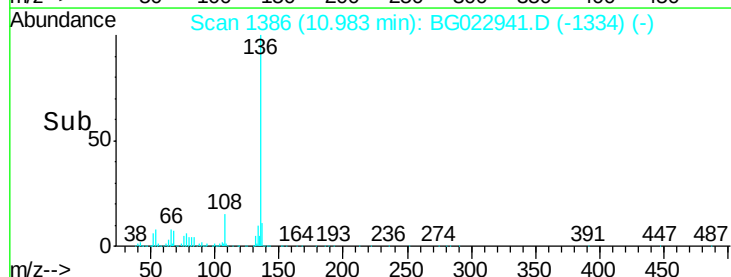
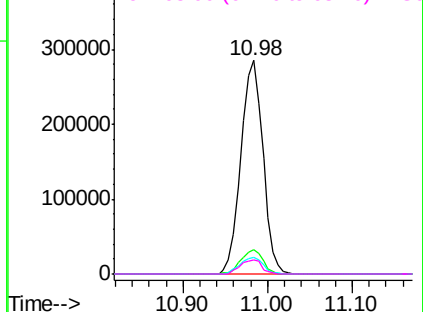


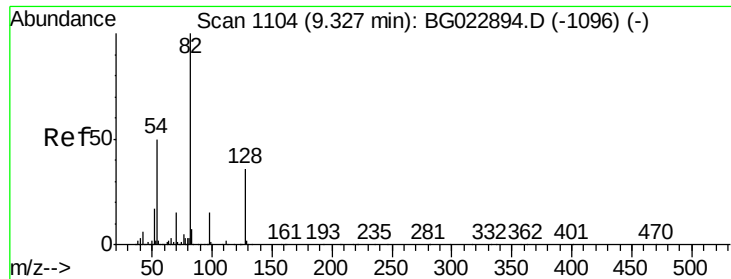
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

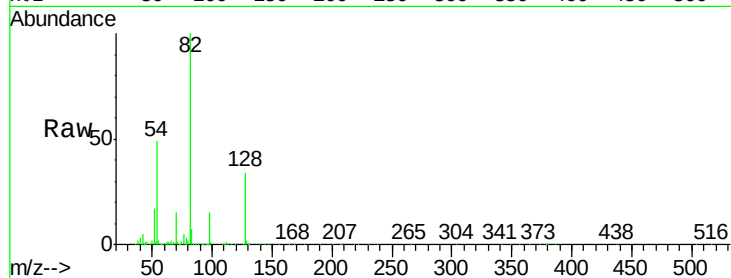




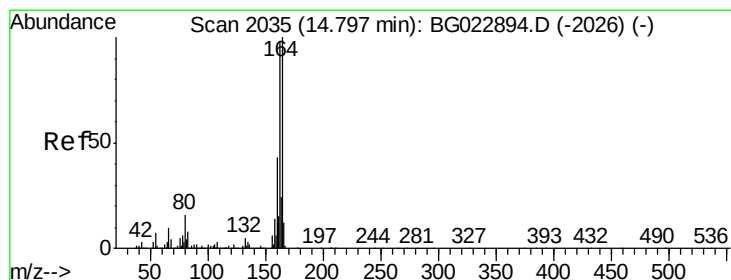
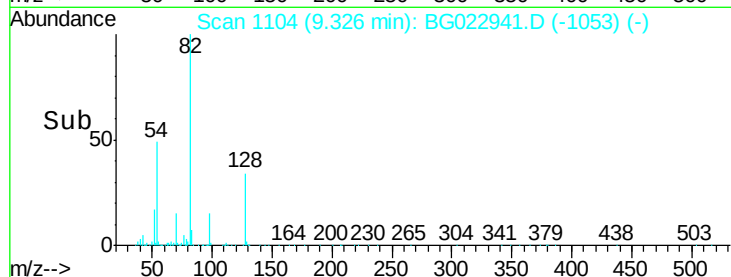
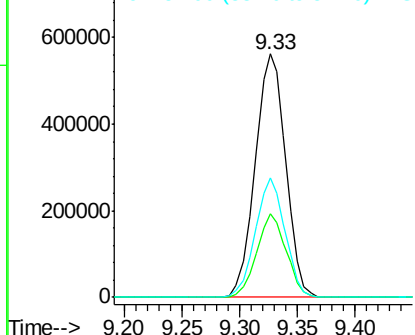
#23
 Nitrobenzene-d5
 Concen: 86.19 ng
 RT: 9.33 min Scan# 1104
 Delta R.T. -0.00 min
 Lab File: BG022941.D
 Acq: 8 Jul 2016 22:05

Instrument :
 BNA_G
 ClientSampleId :
 LIC-FB-1-6-28-16

Tot Ion: 82 Resp: 1030739
 Ion Ratio Lower Upper
 82 100
 128 34.1 24.4 36.6
 54 49.0 41.4 62.0

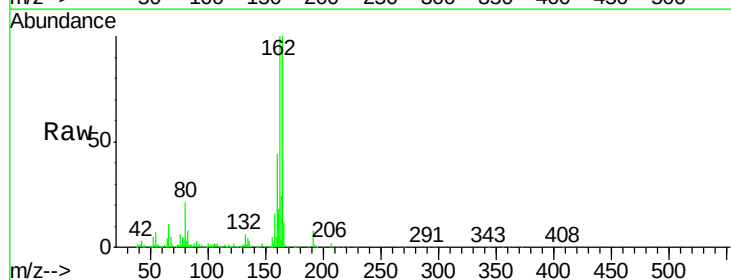


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

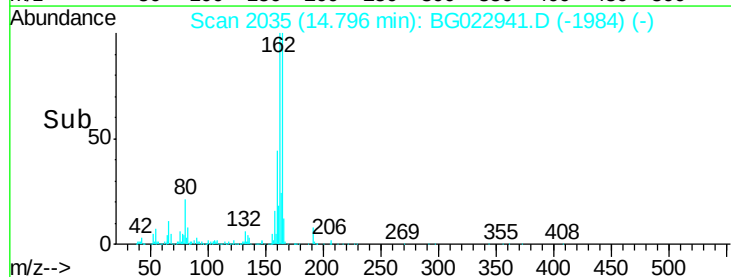
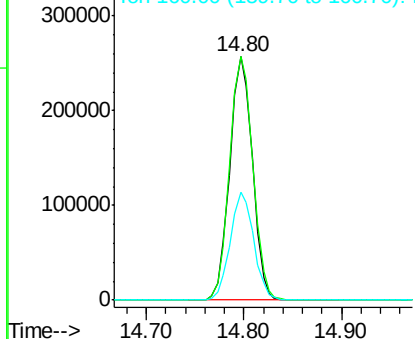


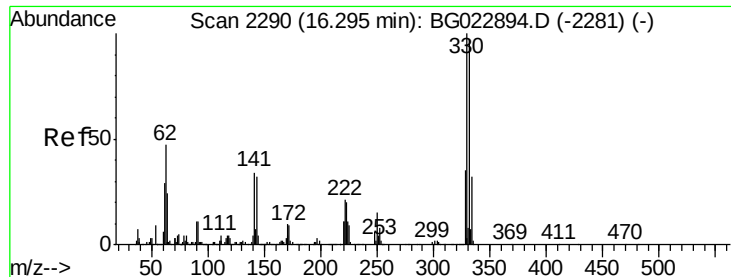
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.80 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: BG022941.D
 Acq: 8 Jul 2016 22:05

Tgt Ion: 164 Resp: 413686
 Ion Ratio Lower Upper
 164 100
 162 100.1 87.7 131.5
 160 44.2 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

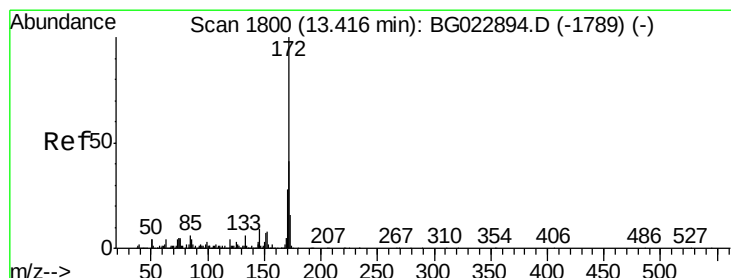
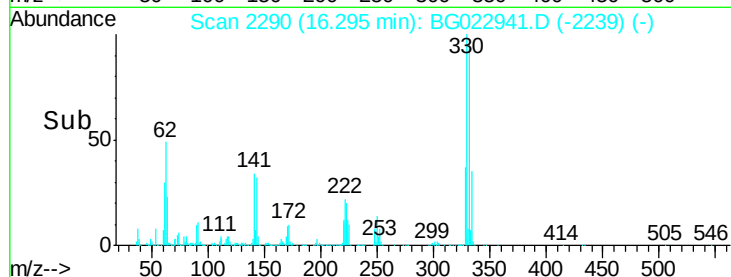
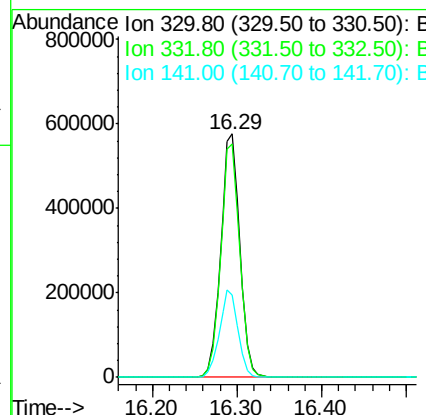
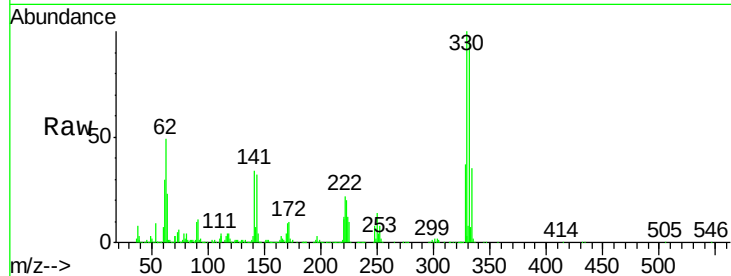




#41
 2,4,6-Tribromophenol
 Concen: 122.90 ng
 RT: 16.29 min Scan# 2290
 Delta R.T. -0.00 min
 Lab File: BG022941.D
 Acq: 8 Jul 2016 22:05

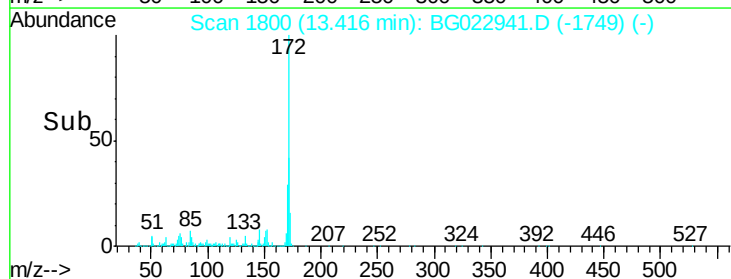
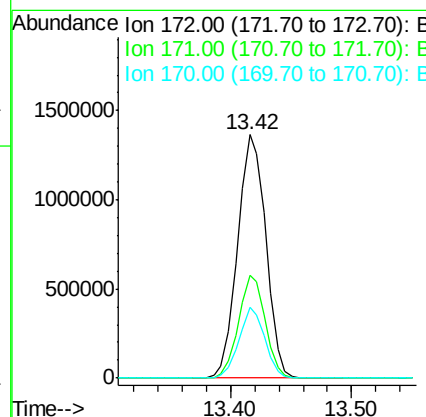
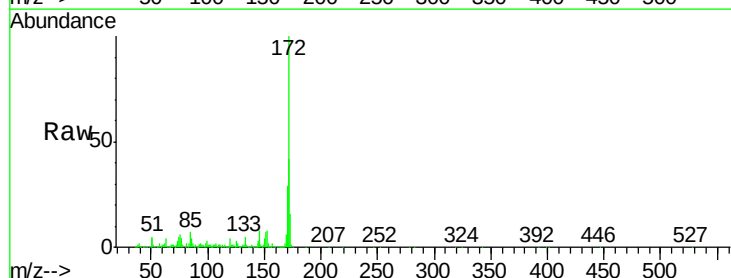
Instrument :
 BNA_G
 ClientSampleId :
 LIC-FB-1-6-28-16

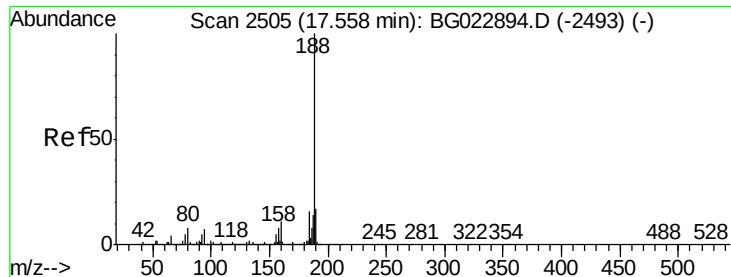
Tot Ion:330 Resp: 913741
 Ion Ratio Lower Upper
 330 100
 332 95.4 77.4 116.2
 141 35.1 31.7 47.5



#44
 2-Fluorobiphenyl
 Concen: 84.71 ng
 RT: 13.42 min Scan# 1800
 Delta R.T. -0.00 min
 Lab File: BG022941.D
 Acq: 8 Jul 2016 22:05

Tgt Ion:172 Resp: 2224912
 Ion Ratio Lower Upper
 172 100
 171 42.0 31.6 47.4
 170 28.9 21.3 31.9

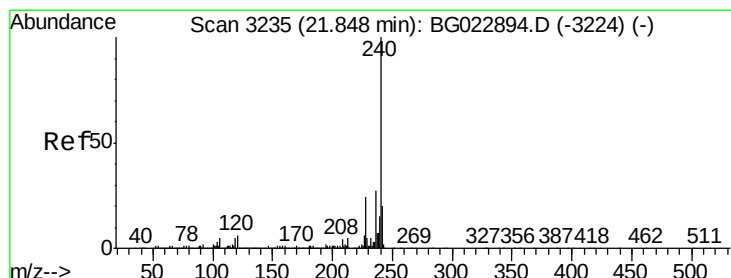
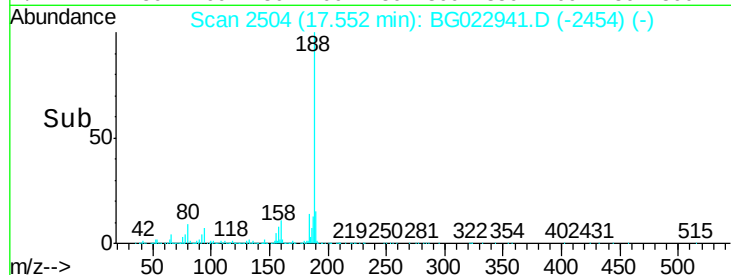
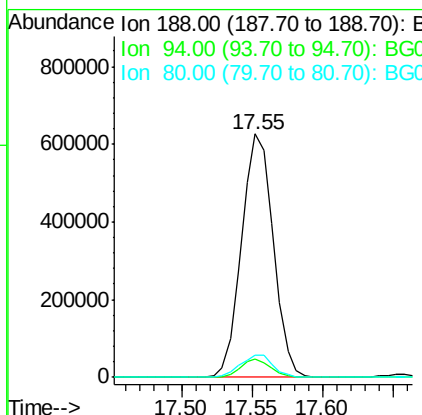
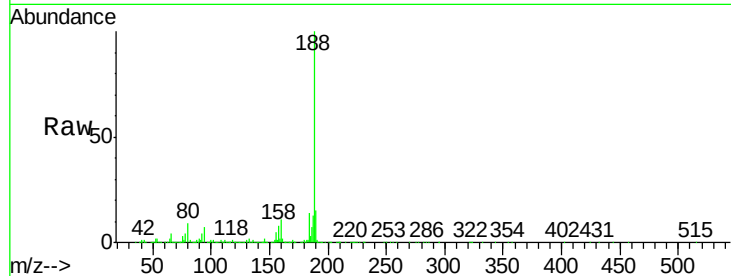




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.55 min Scan# 2504
Delta R.T. -0.01 min
Lab File: BG022941.D
Acq: 8 Jul 2016 22:05

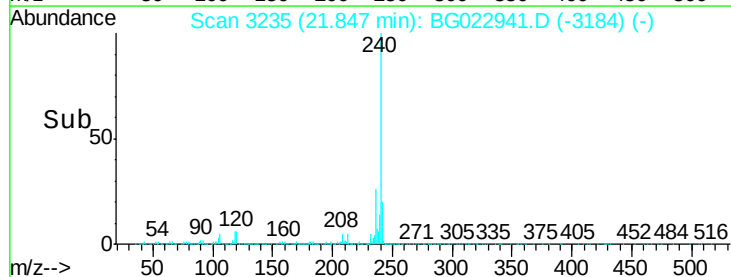
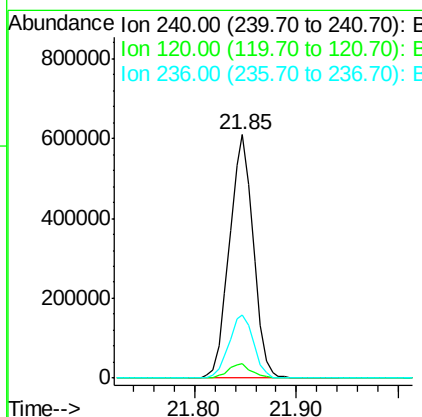
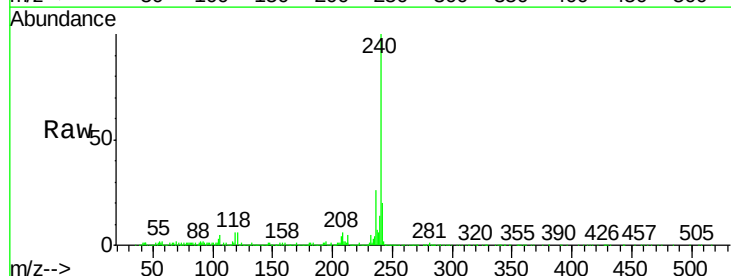
Instrument :
BNA_G
ClientSampleId :
LIC-FB-1-6-28-16

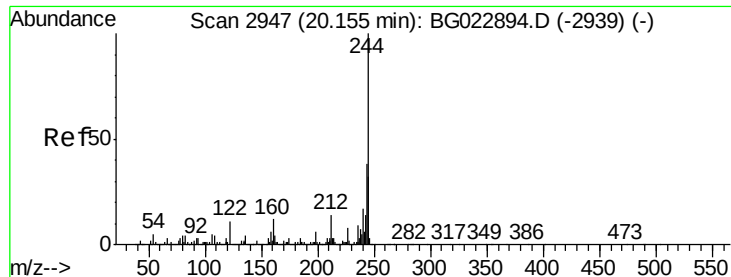
Tot Ion	Ratio	Lower	Upper
188	100		
94	7.5	5.2	7.8
80	9.3	7.2	10.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.85 min Scan# 3235
Delta R.T. -0.00 min
Lab File: BG022941.D
Acq: 8 Jul 2016 22:05

Tgt Ion	Ratio	Lower	Upper
240	100		
120	5.8	4.1	6.1
236	26.2	21.1	31.7





#78

Terphenyl-d14

Concen: 107.74 ng

RT: 20.15 min Scan# 2947

Delta R.T. -0.00 min

Lab File: BG022941.D

Acq: 8 Jul 2016 22:05

Instrument :

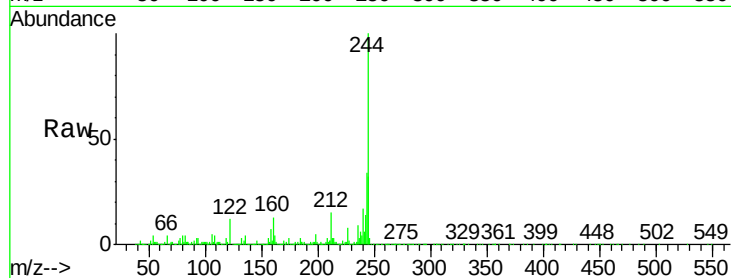
BNA_G

ClientSampleId :

LIC-FB-1-6-28-16

Tot Ion:244 Resp: 3032852

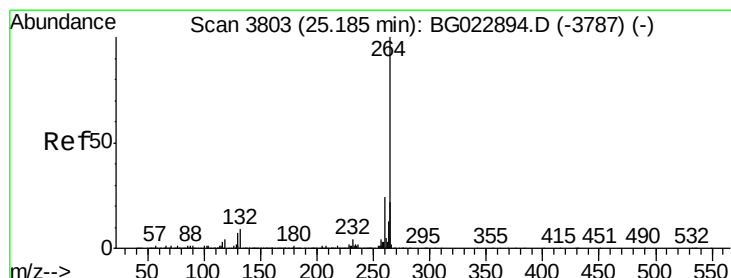
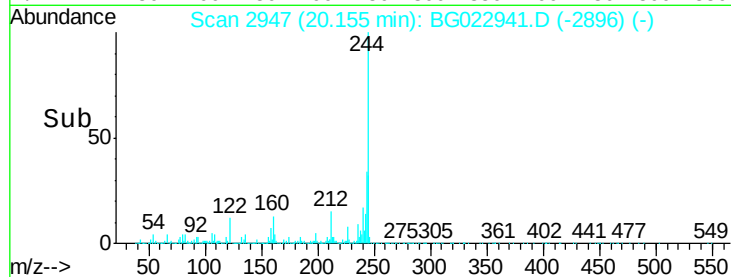
Ion	Ratio	Lower	Upper
244	100		
212	14.8	10.8	16.2
122	11.7	8.0	12.0



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.20 min Scan# 3806

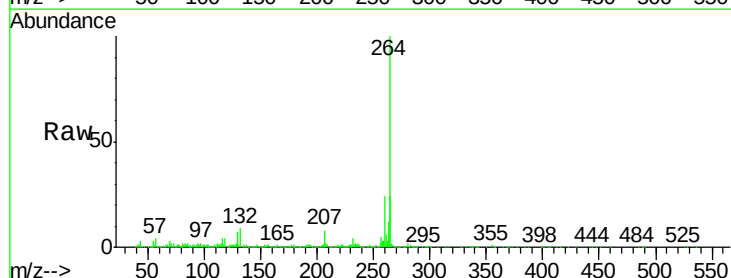
Delta R.T. 0.02 min

Lab File: BG022941.D

Acq: 8 Jul 2016 22:05

Tgt Ion:264 Resp: 1024969

Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.4	27.6
265	23.6	18.9	28.3



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

