

Data Path : Z:\HPCHEM1\BNA G\DATA\BG070916\
 Data File : BG022940.D
 Acq On : 8 Jul 2016 21:25
 Operator : UM/SJ
 Sample : H3859-03
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 09 00:25:39 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	8.15	152	107365	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	519552	20.00	ng	0.00
38) Acenaphthene-d10	14.79	164	376406	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	886131	20.00	ng	0.00
75) Chrysene-d12	21.84	240	932944	20.00	ng	0.00
86) Perylene-d12	25.20	264	954136	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	463906	70.67	ng	0.00
7) Phenol-d6	7.31	99	498110	48.45	ng	0.00
23) Nitrobenzene-d5	9.32	82	1050079	86.54	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	792859	117.20	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2079926	87.04	ng	0.00
78) Terphenyl-d14	20.15	244	2779188	101.92	ng	0.00

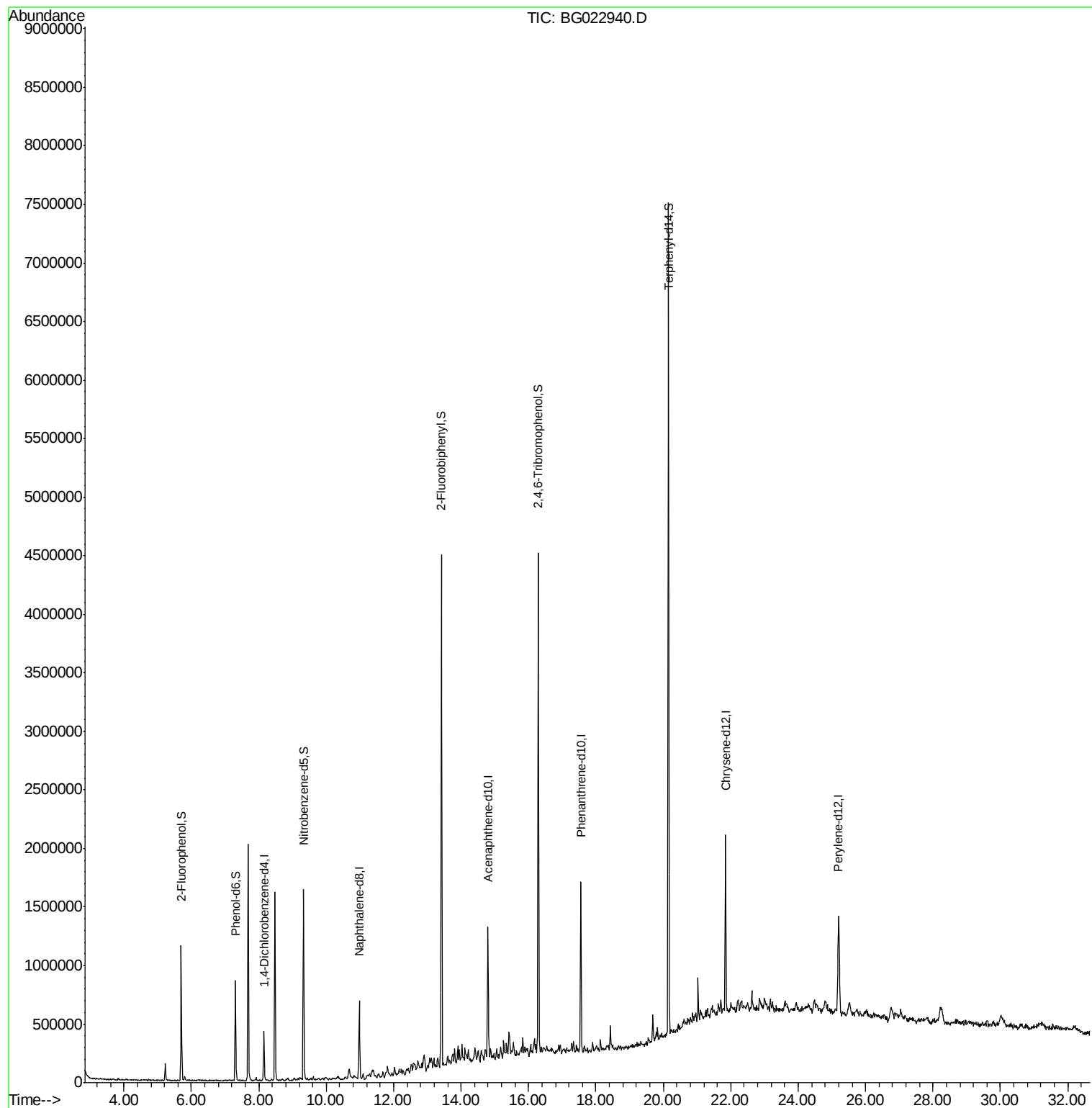
Target Compounds Qvalue

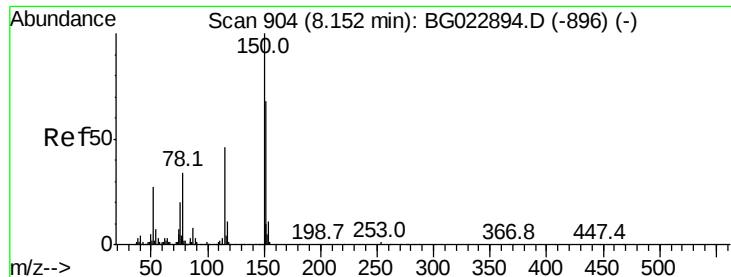
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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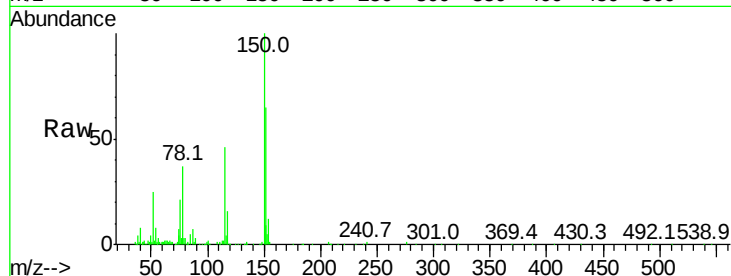


#1

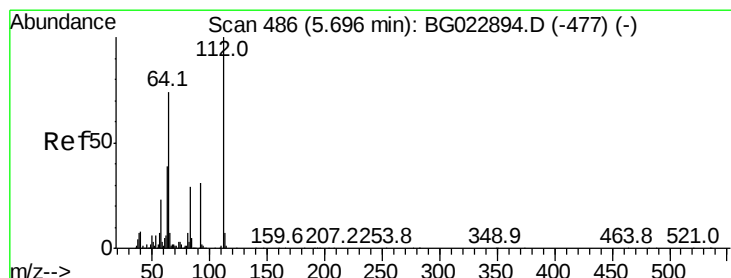
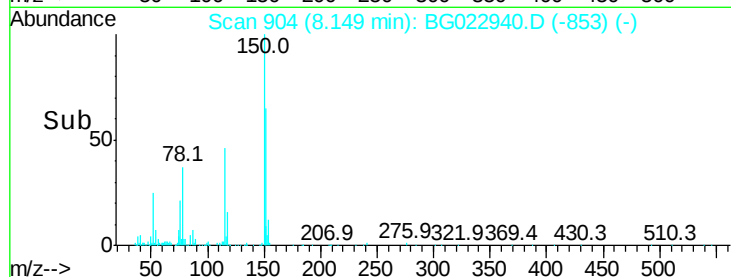
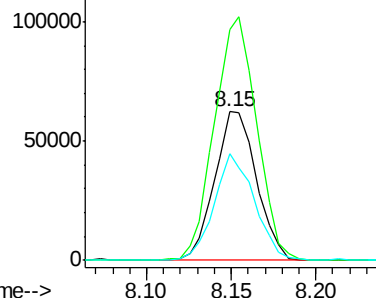
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.15 min Scan# 904
Delta R.T. -0.00 min
Lab File: BG022940.D
Acq: 8 Jul 2016 21:25

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.9	144.7	217.1
115	71.4	64.0	96.0



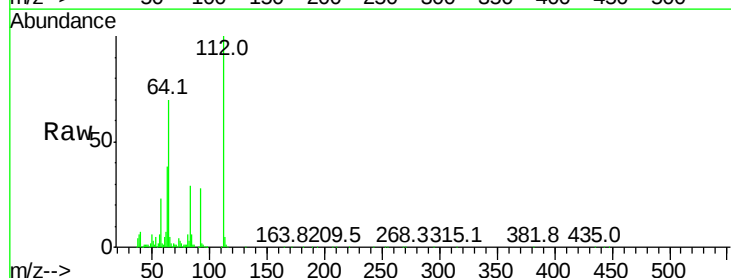
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



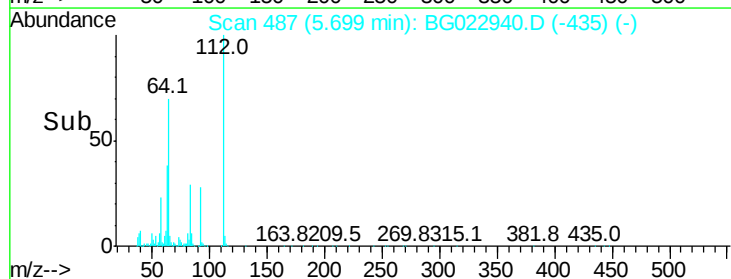
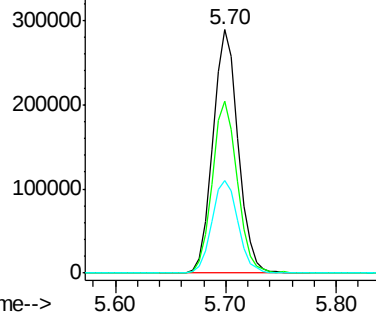
#5

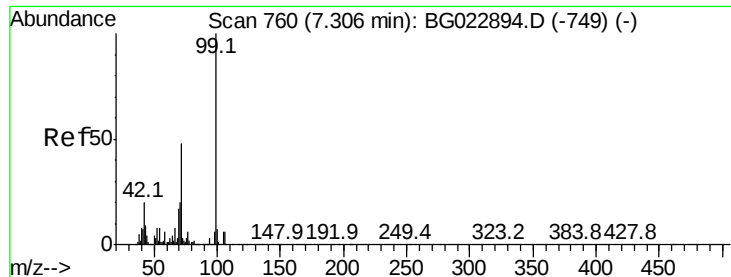
2-Fluorophenol
Concen: 70.67 ng
RT: 5.70 min Scan# 487
Delta R.T. 0.00 min
Lab File: BG022940.D
Acq: 8 Jul 2016 21:25

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.4	59.0	88.4
63	38.1	37.8	56.8



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 48.45 ng

RT: 7.31 min Scan# 761

Delta R.T. 0.00 min

Lab File: BG022940.D

Acq: 8 Jul 2016 21:25

Instrument :

BNA_G

ClientSampleId :

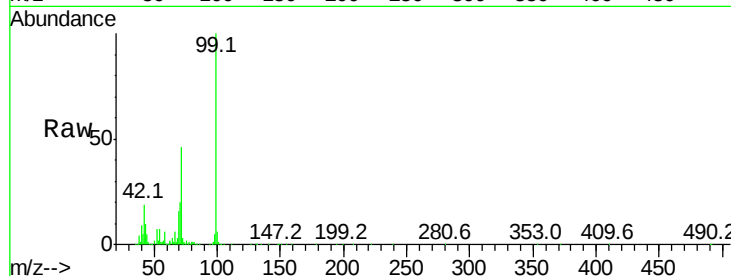
Tot Ion: 99 Resp: 498110

Ion Ratio Lower Upper

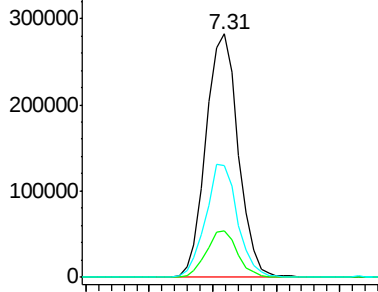
99 100

42 19.3 17.8 26.6

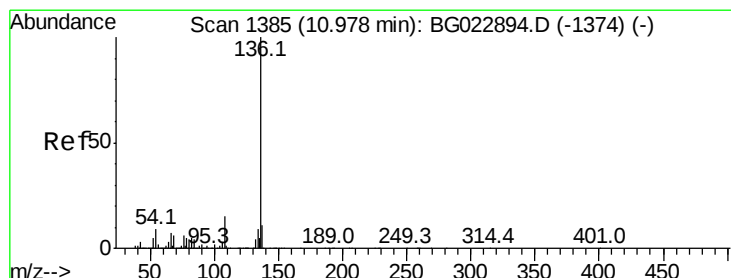
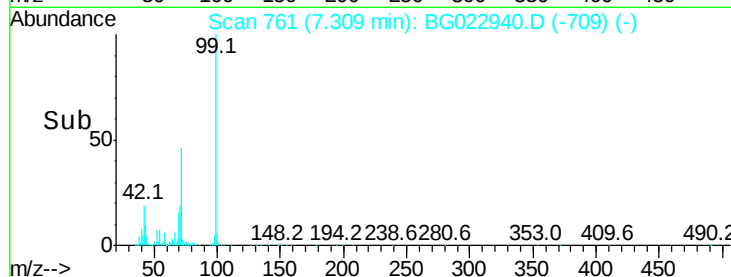
71 45.9 41.5 62.3



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



Time--> 7.20 7.25 7.30 7.35 7.40



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.98 min Scan# 1386

Delta R.T. 0.00 min

Lab File: BG022940.D

Acq: 8 Jul 2016 21:25

Tgt Ion: 136 Resp: 519552

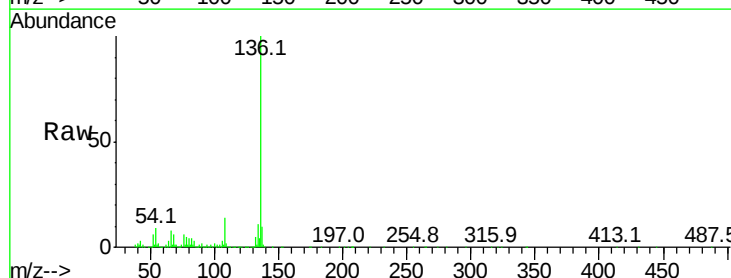
Ion Ratio Lower Upper

136 100

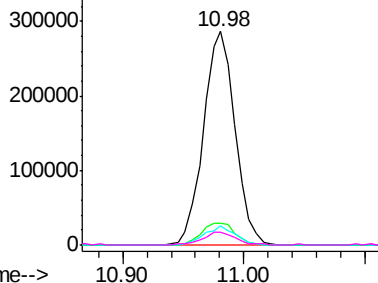
137 10.3 9.6 14.4

54 9.1 7.3 10.9

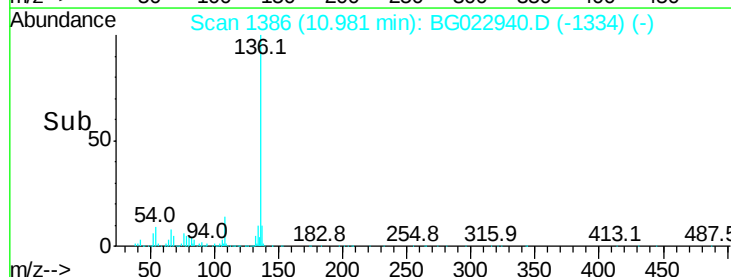
68 6.0 5.3 7.9

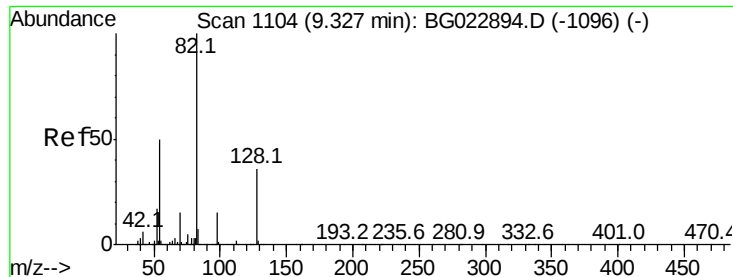


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC



Time--> 10.90 11.00





#23

Nitrobenzene-d5

Concen: 86.54 ng

RT: 9.32 min Scan# 1104

Delta R.T. -0.00 min

Lab File: BG022940.D

Acq: 8 Jul 2016 21:25

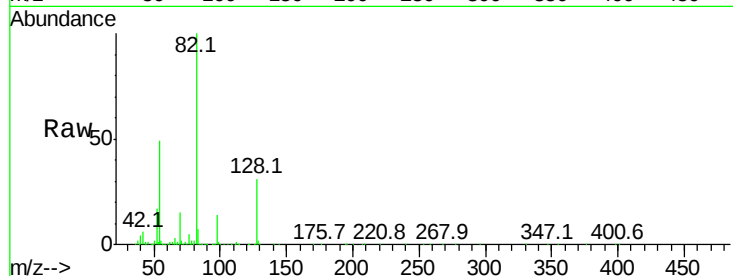
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 82 Resp: 1050079

Ion	Ratio	Lower	Upper
82	100		
128	31.4	24.4	36.6
54	48.9	41.4	62.0

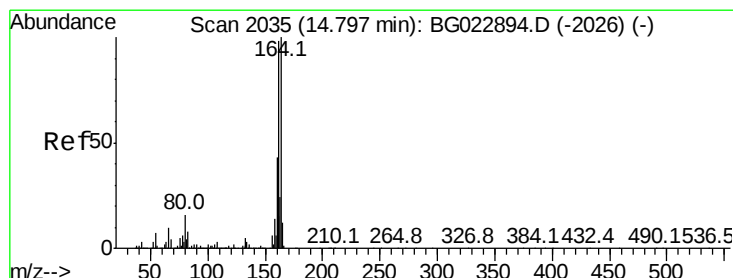
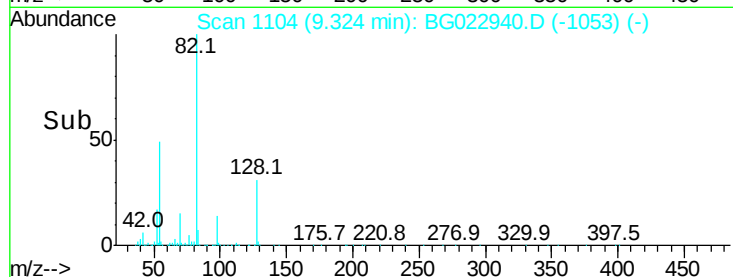
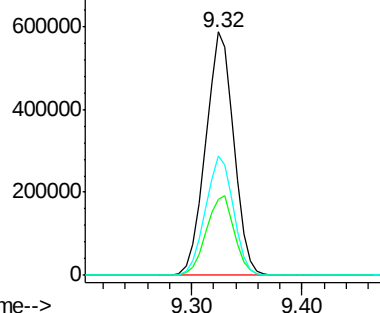


Abundance Ion 82.00 (81.70 to 82.70): BGC

800000

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: 14.79 min Scan# 2035

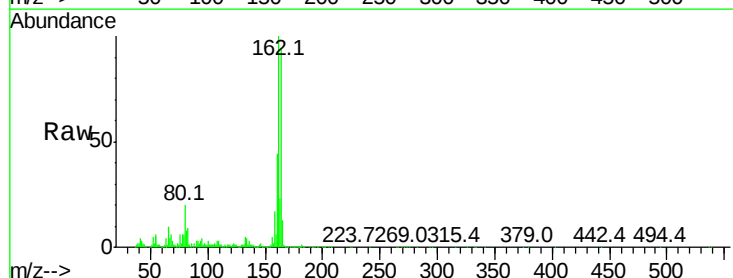
Delta R.T. -0.00 min

Lab File: BG022940.D

Acq: 8 Jul 2016 21:25

Tgt Ion: 164 Resp: 376406

Ion	Ratio	Lower	Upper
164	100		
162	105.9	87.7	131.5
160	46.4	37.2	55.8

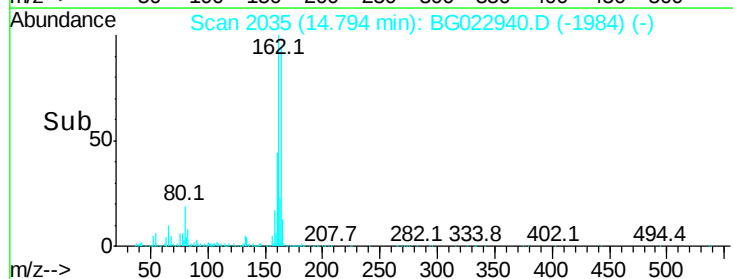
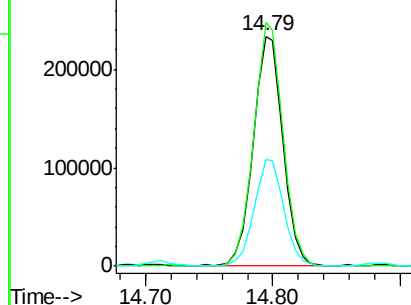


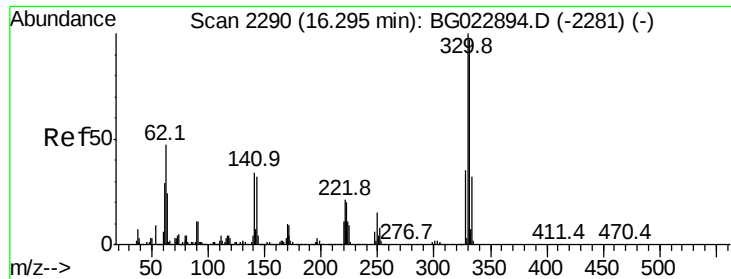
Abundance Ion 164.00 (163.70 to 164.70): BGC

300000

Ion 162.00 (161.70 to 162.70): BGC

Ion 160.00 (159.70 to 160.70): BGC

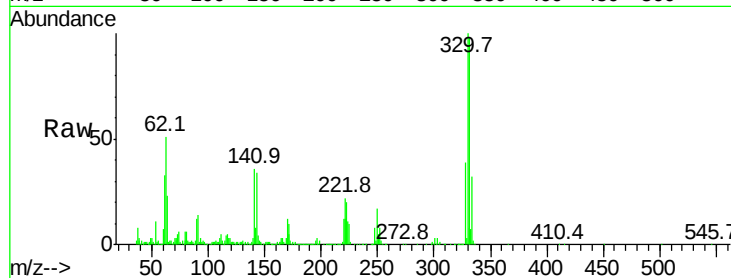




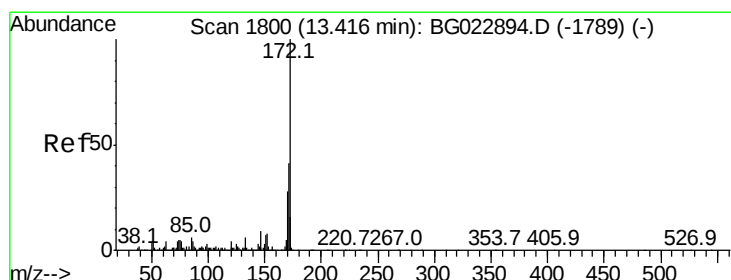
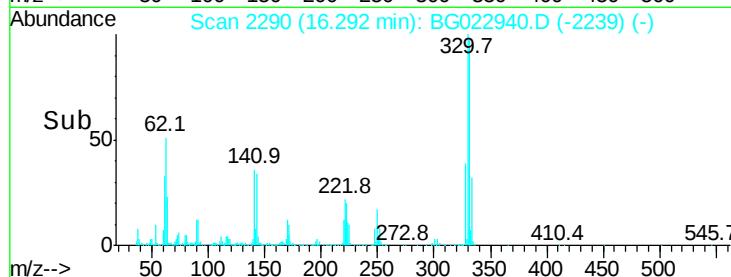
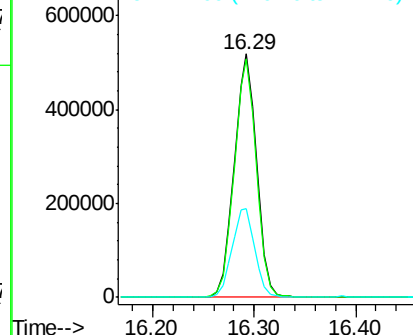
#41
 2,4,6-Tribromophenol
 Concen: 117.20 ng
 RT: 16.29 min Scan# 2290
 Delta R.T. -0.00 min
 Lab File: BG022940.D
 Acq: 8 Jul 2016 21:25

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 792859
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.4 116.2
 141 36.4 31.7 47.5

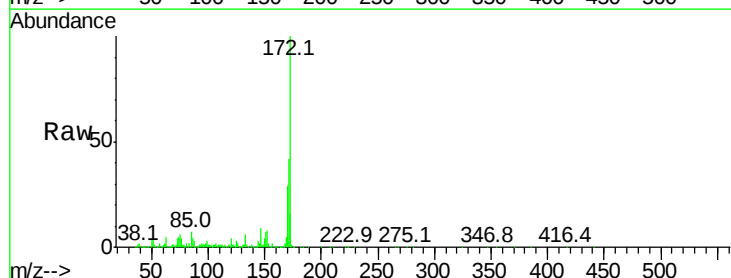


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

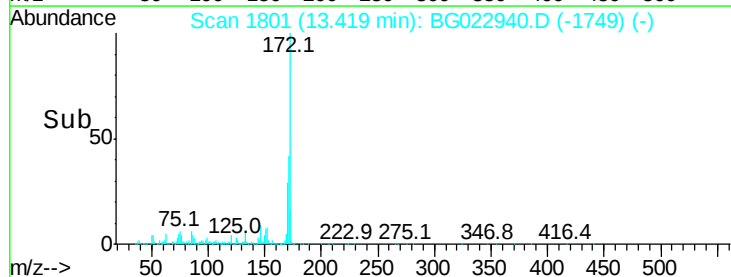
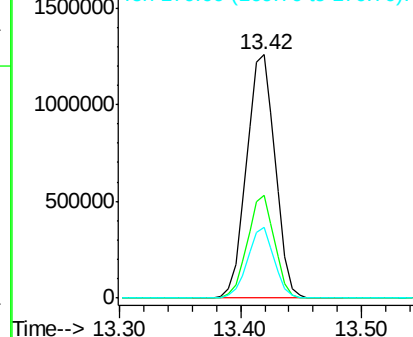


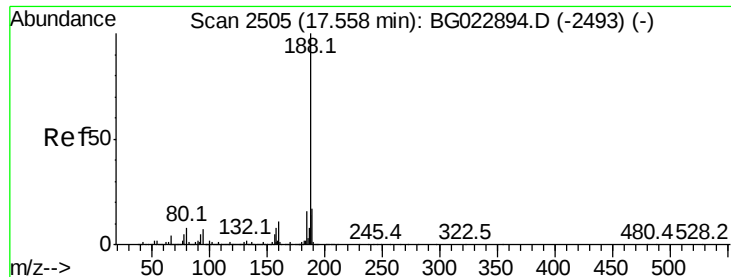
#44
 2-Fluorobiphenyl
 Concen: 87.04 ng
 RT: 13.42 min Scan# 1801
 Delta R.T. 0.00 min
 Lab File: BG022940.D
 Acq: 8 Jul 2016 21:25

Tgt Ion:172 Resp: 2079926
 Ion Ratio Lower Upper
 172 100
 171 42.0 31.6 47.4
 170 29.0 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

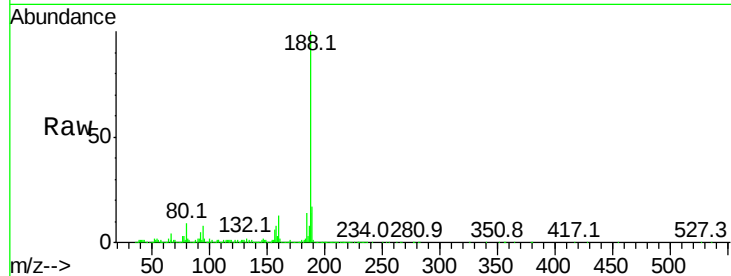




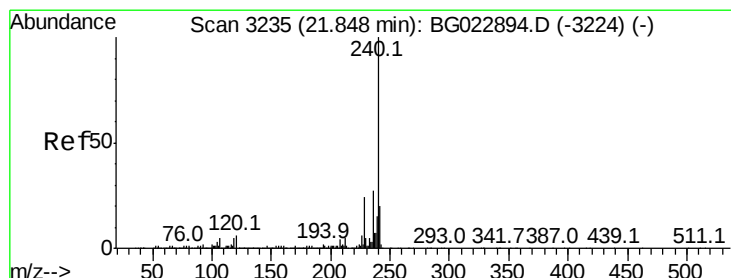
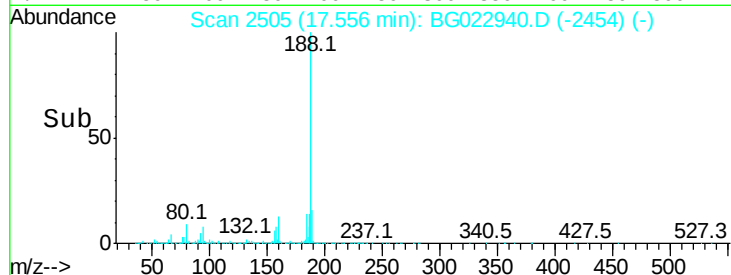
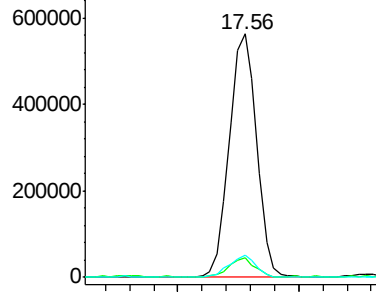
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 2505
Delta R.T. -0.00 min
Lab File: BG022940.D
Acq: 8 Jul 2016 21:25

Instrument :
BNA_G
ClientSampleId :

Tot Ion:188 Resp: 886131
Ion Ratio Lower Upper
188 100
94 8.1 5.2 7.8#
80 9.3 7.2 10.8

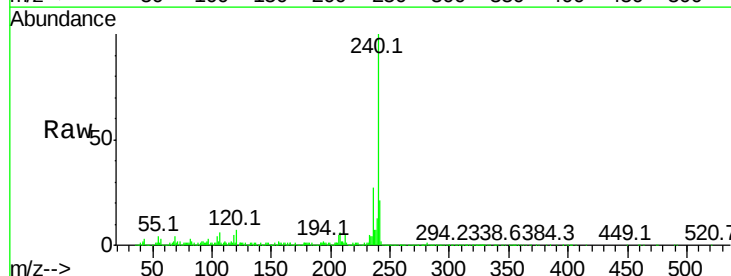


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

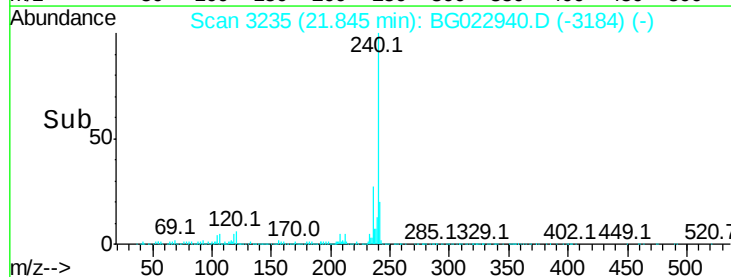
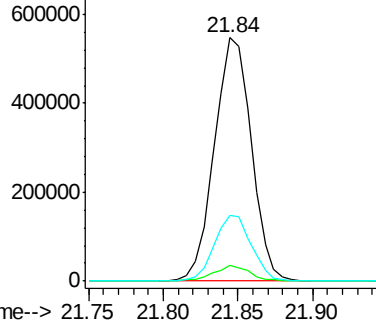


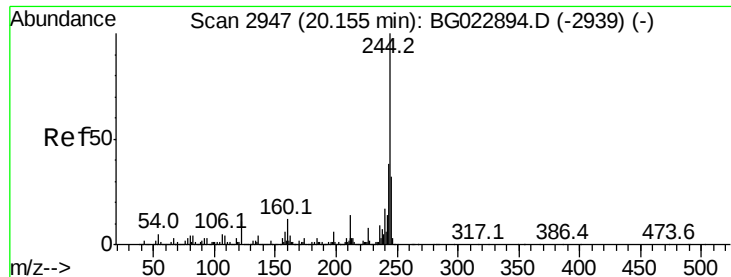
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.84 min Scan# 3235
Delta R.T. -0.00 min
Lab File: BG022940.D
Acq: 8 Jul 2016 21:25

Tgt Ion:240 Resp: 932944
Ion Ratio Lower Upper
240 100
120 6.5 4.1 6.1#
236 27.1 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





#78

Terphenyl-d14

Concen: 101.92 ng

RT: 20.15 min Scan# 2947

Delta R.T. -0.00 min

Lab File: BG022940.D

Acq: 8 Jul 2016 21:25

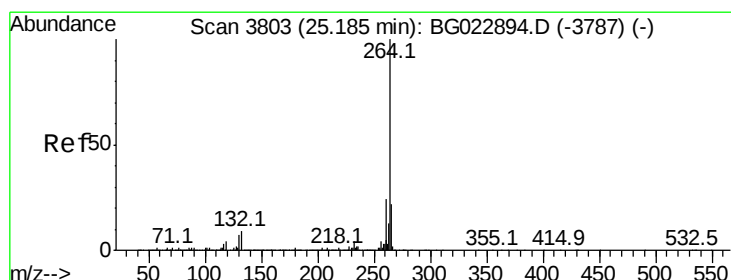
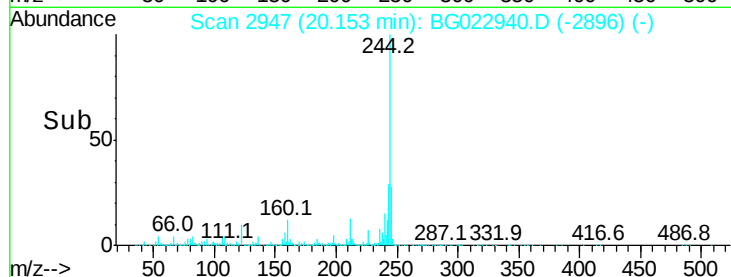
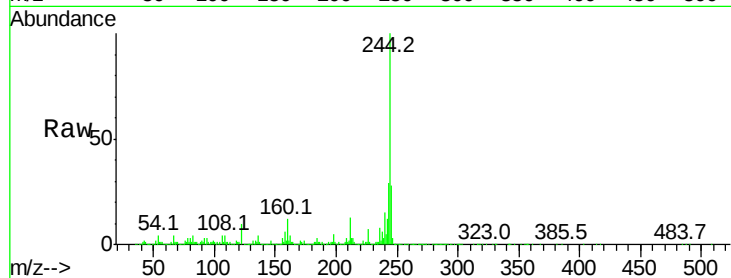
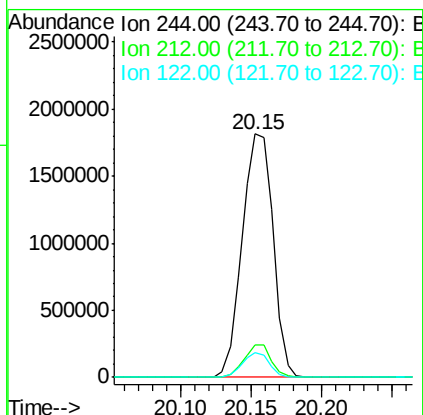
Instrument :

BNA_G

ClientSampleId :

Tot Ion:244 Resp: 2779188

Ion	Ratio	Lower	Upper
244	100		
212	13.3	10.8	16.2
122	10.3	8.0	12.0



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.20 min Scan# 3806

Delta R.T. 0.01 min

Lab File: BG022940.D

Acq: 8 Jul 2016 21:25

Tgt Ion:264 Resp: 954136

Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.4	27.6
265	23.5	18.9	28.3

