

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062616\
 Data File : BG022601.D
 Acq On : 26 Jun 2016 8:45
 Operator : UM/SJ
 Sample : H3663-18
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 27 01:07:20 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG062516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 24 20:14:59 2016
 Response via : Initial Calibration

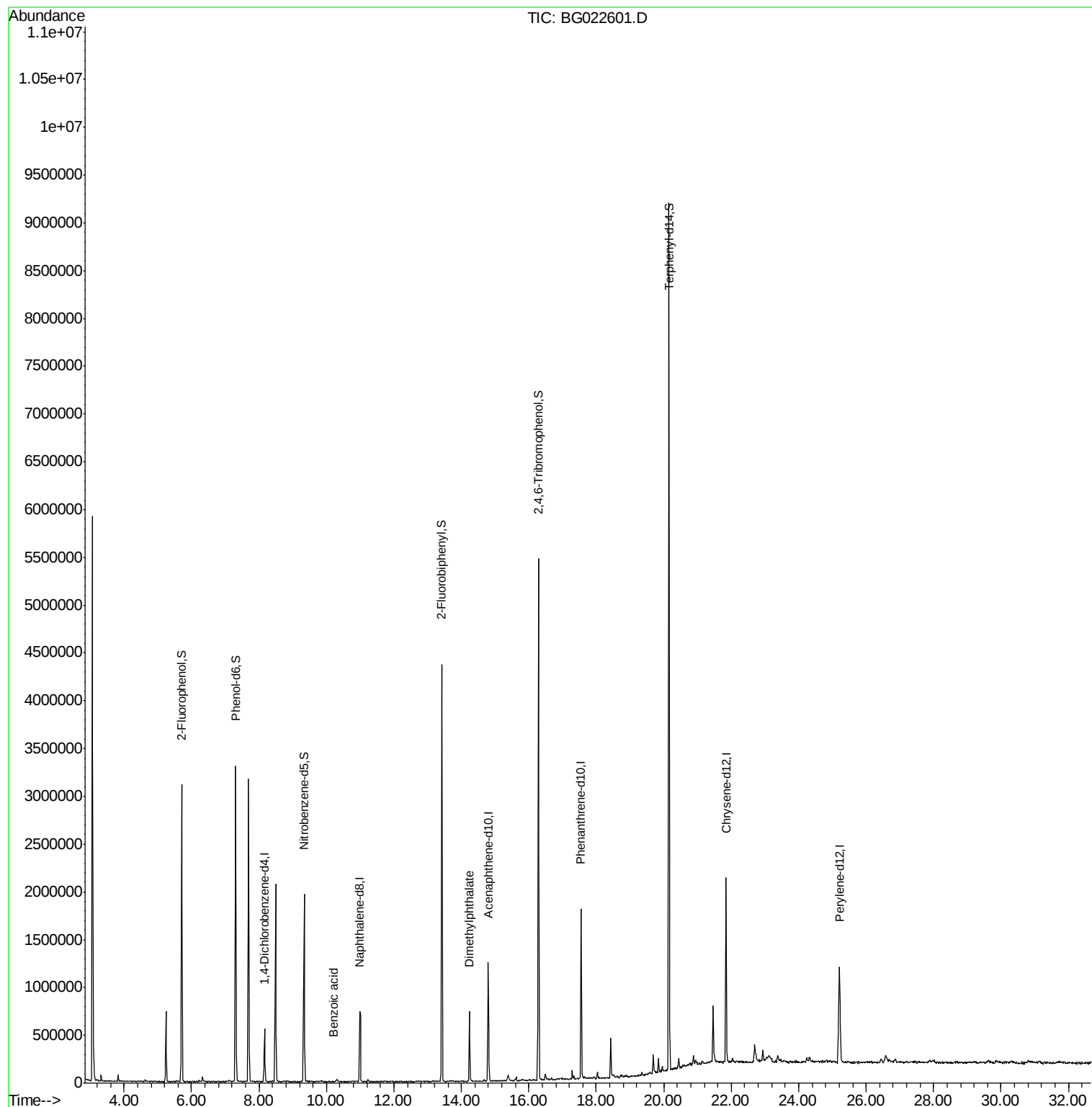
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	135812	20.00	ng	-0.01
21) Naphthalene-d8	10.99	136	585529	20.00	ng	0.00
38) Acenaphthene-d10	14.79	164	410330	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	1057541	20.00	ng	0.00
75) Chrysene-d12	21.84	240	1183360	20.00	ng	0.00
86) Perylene-d12	25.21	264	1221846	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	1213369	143.30	ng	0.00
7) Phenol-d6	7.31	99	1807242	151.42	ng	0.00
23) Nitrobenzene-d5	9.33	82	1286801	93.01	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	989528	153.32	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2082783	80.50	ng	0.00
78) Terphenyl-d14	20.16	244	3228691	72.29	ng	0.00
Target Compounds						
32) Benzoic acid	10.22	122	63	5.12	ng	Qvalue # 1
49) Dimethylphthalate	14.24	163	449718	13.21	ng	98

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.16 min Scan# 906

Delta R.T. -0.01 min

Lab File: BG022601.D

Acq: 26 Jun 2016 8:45

Instrument :

BNA_G

ClientSampleId :

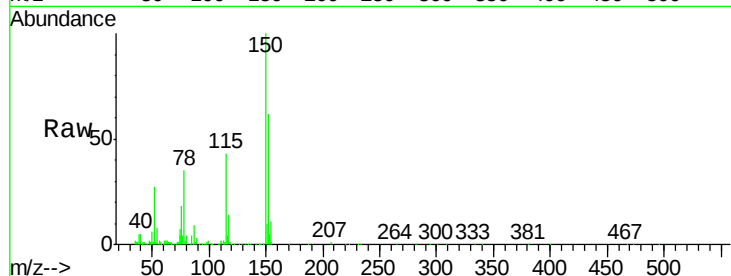
Tot Ion:152 Resp: 135812

Ion Ratio Lower Upper

152 100

150 160.3 144.7 217.1

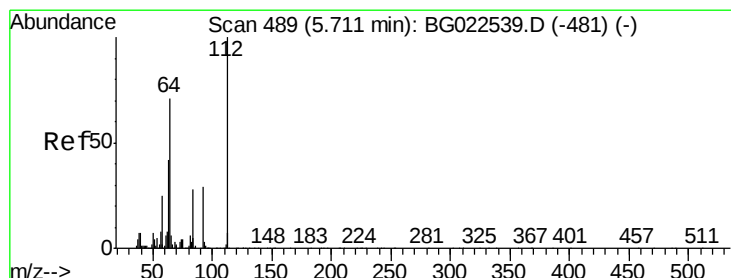
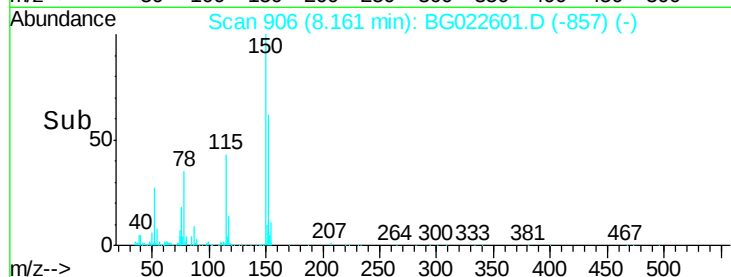
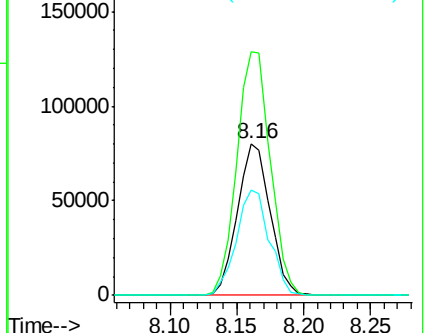
115 69.0 64.0 96.0



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: 143.30 ng

RT: 5.71 min Scan# 488

Delta R.T. 0.00 min

Lab File: BG022601.D

Acq: 26 Jun 2016 8:45

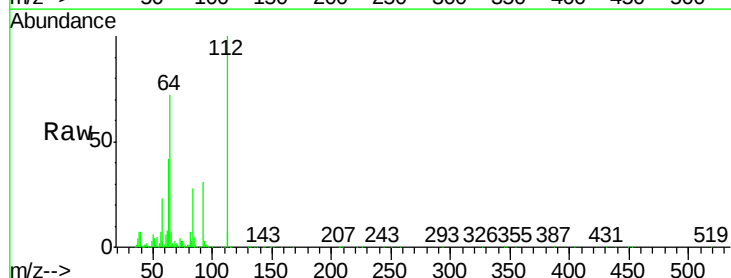
Tgt Ion:112 Resp: 1213369

Ion Ratio Lower Upper

112 100

64 72.0 59.0 88.4

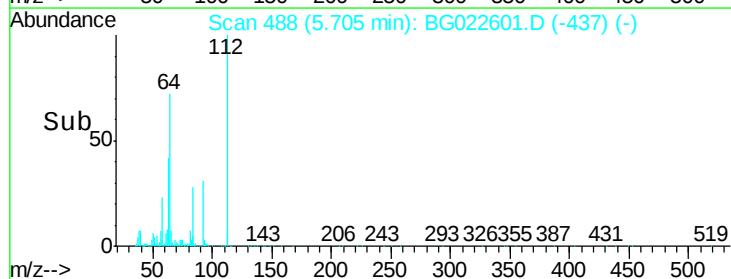
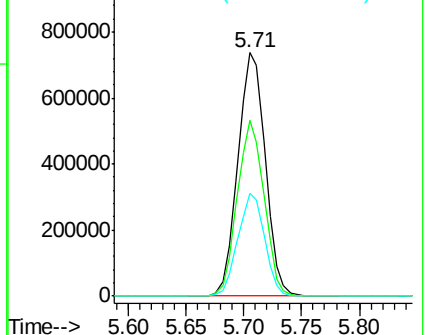
63 42.1 37.8 56.8



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: 151.42 ng

RT: 7.31 min Scan# 761

Delta R.T. 0.01 min

Lab File: BG022601.D

Acq: 26 Jun 2016 8:45

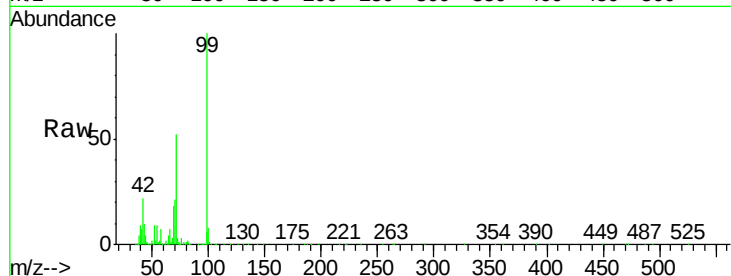
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 99 Resp: 1807242

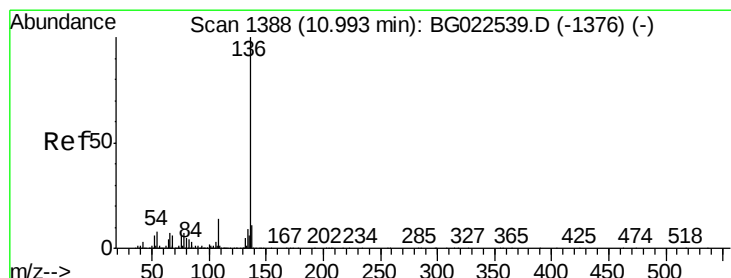
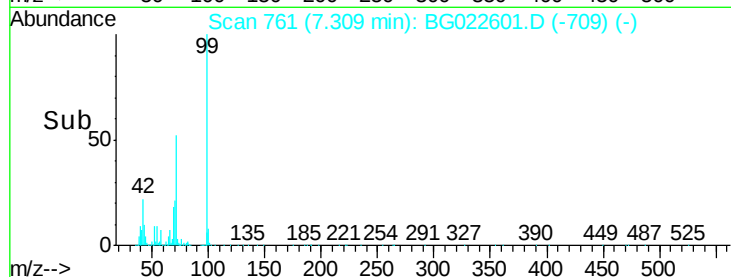
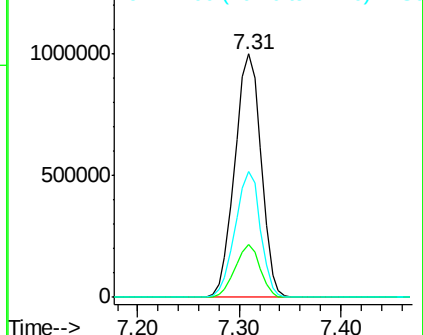
Ion	Ratio	Lower	Upper
99	100		
42	21.8	17.8	26.6
71	51.9	41.5	62.3



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.99 min Scan# 1387

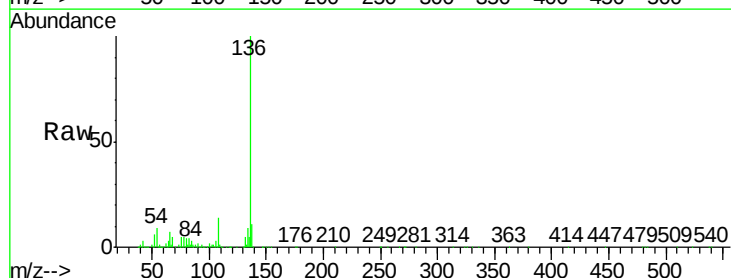
Delta R.T. -0.01 min

Lab File: BG022601.D

Acq: 26 Jun 2016 8:45

Tgt Ion: 136 Resp: 585529

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.6	14.4
54	8.6	7.3	10.9
68	4.8	5.3	7.9#

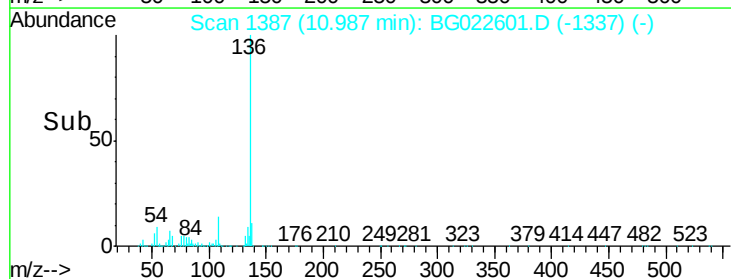
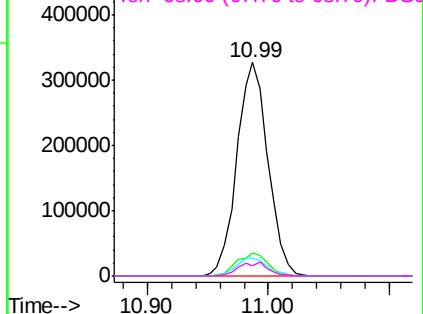


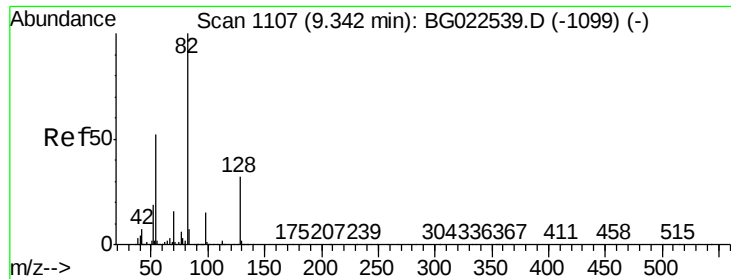
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

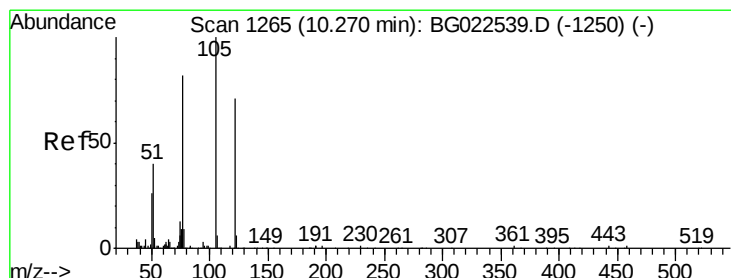
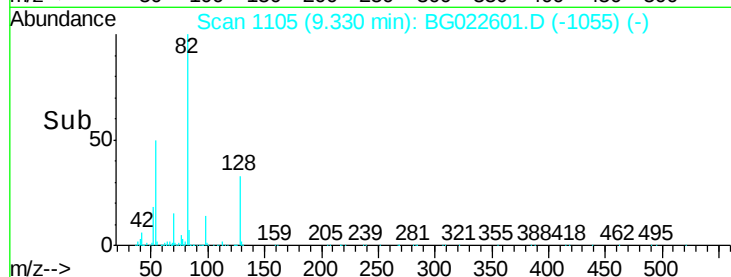
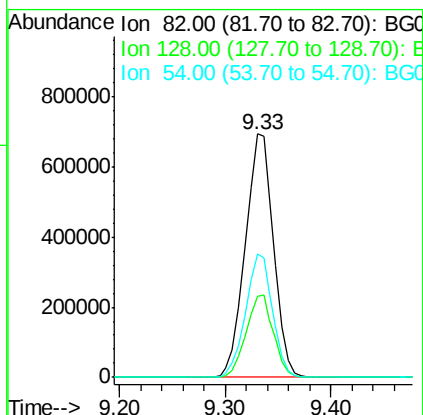
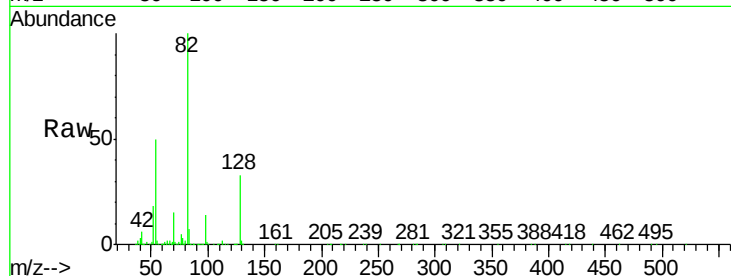




#23
Nitrobenzene-d5
Concen: 93.01 ng
RT: 9.33 min Scan# 1105
Delta R.T. -0.01 min
Lab File: BG022601.D
Acq: 26 Jun 2016 8:45

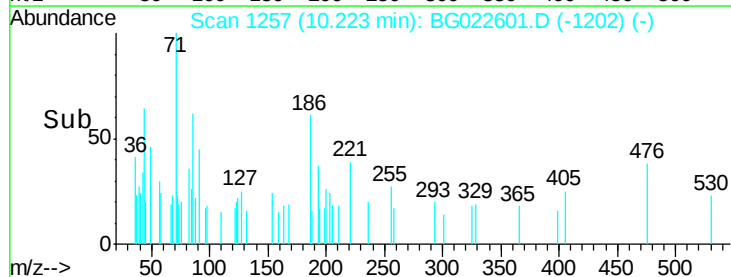
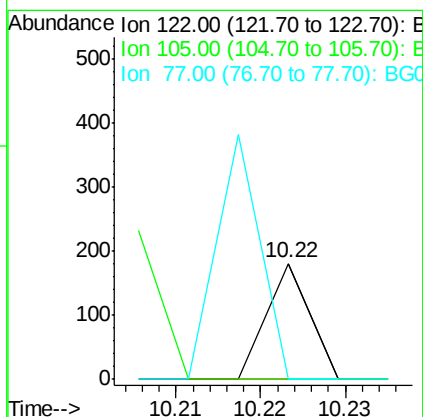
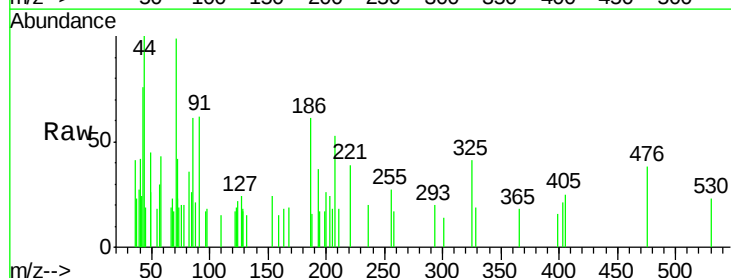
Instrument :
BNA_G
ClientSampled :

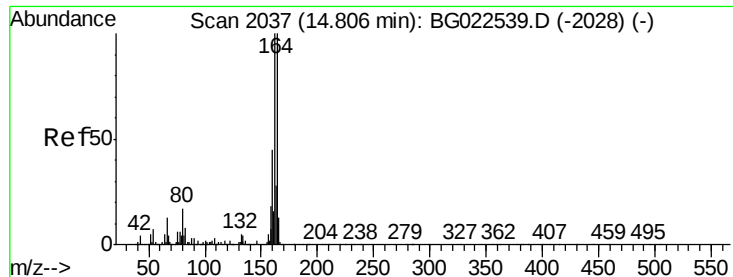
Tot Ion: 82 Resp: 1286801
Ion Ratio Lower Upper
82 100
128 33.5 24.4 36.6
54 50.4 41.4 62.0



#32
Benzoic acid
Concen: 5.12 ng
RT: 10.22 min Scan# 1257
Delta R.T. 0.02 min
Lab File: BG022601.D
Acq: 26 Jun 2016 8:45

Tgt Ion: 122 Resp: 63
Ion Ratio Lower Upper
122 100
105 0.0 117.2 157.2#
77 0.0 109.2 149.2#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.79 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BG022601.D

Acq: 26 Jun 2016 8:45

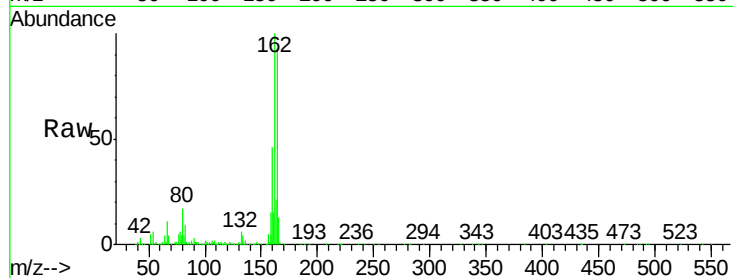
Instrument :

BNA_G

ClientSampleId :

Tot Ion:164 Resp: 410330

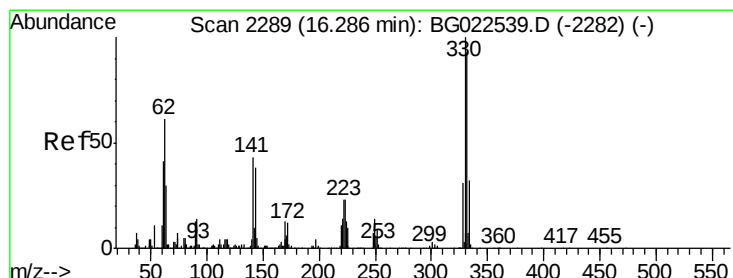
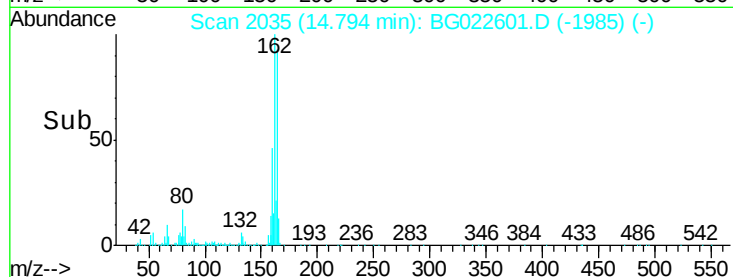
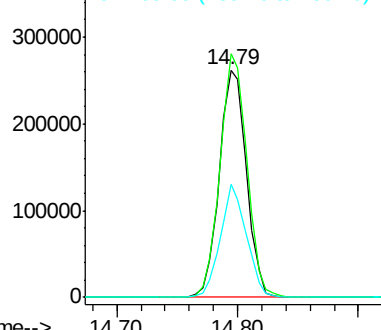
Ion	Ratio	Lower	Upper
164	100		
162	107.2	87.7	131.5
160	49.7	37.2	55.8



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



#41

2,4,6-Tribromophenol

Concen: 153.32 ng

RT: 16.29 min Scan# 2289

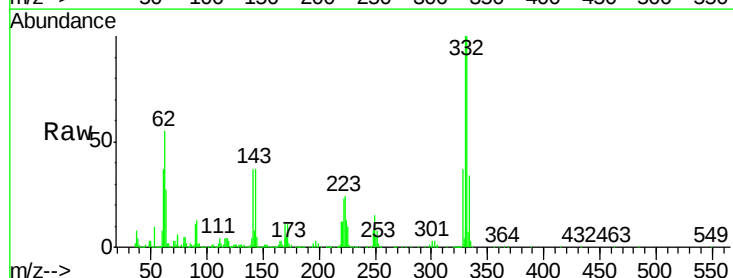
Delta R.T. -0.00 min

Lab File: BG022601.D

Acq: 26 Jun 2016 8:45

Tgt Ion:330 Resp: 989528

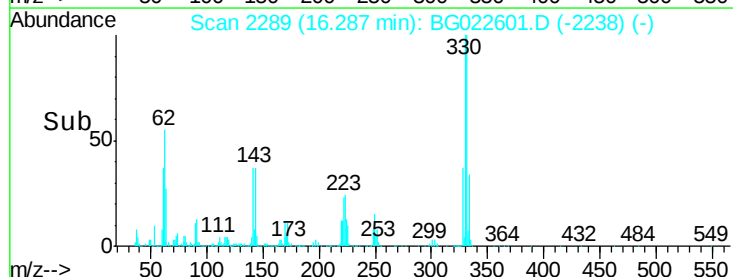
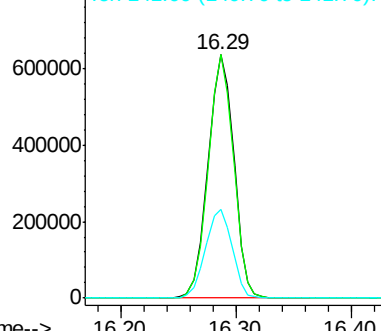
Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.4	116.2
141	37.6	31.7	47.5

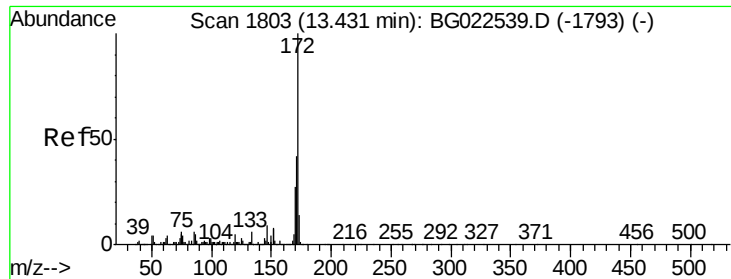


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

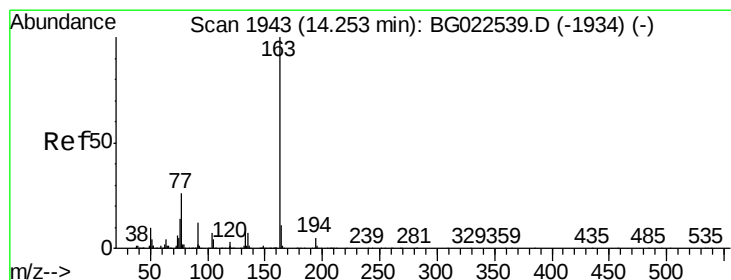
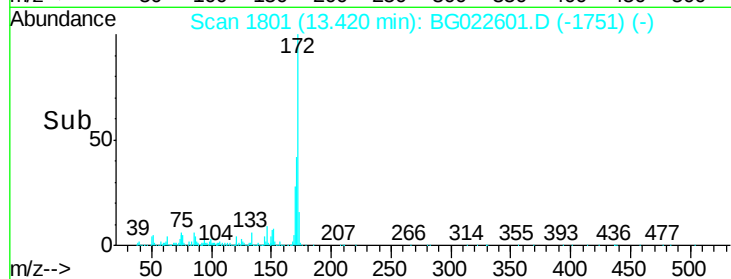
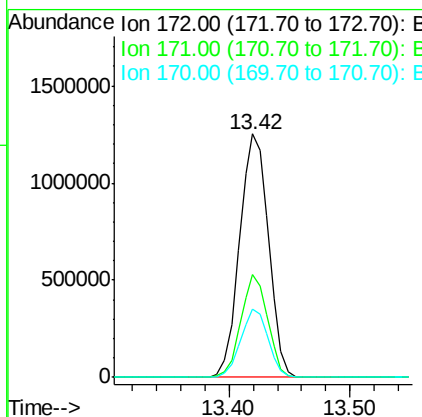
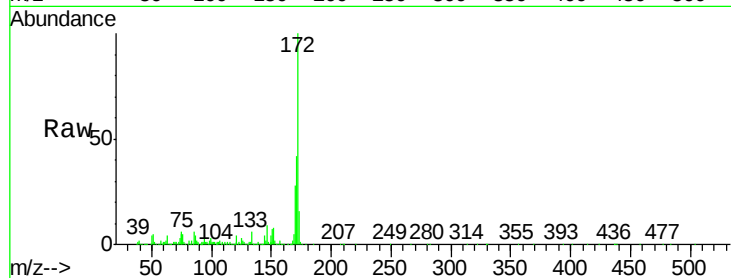




#44
2-Fluorobiphenyl
Concen: 80.50 ng
RT: 13.42 min Scan# 1801
Delta R.T. -0.01 min
Lab File: BG022601.D
Acq: 26 Jun 2016 8:45

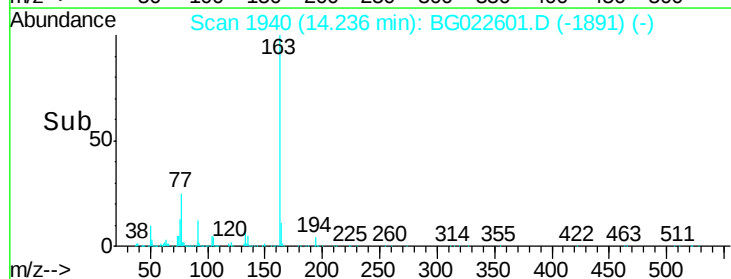
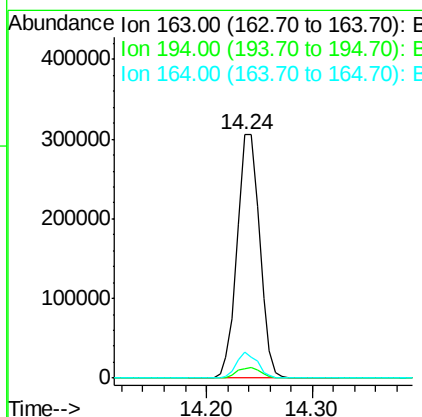
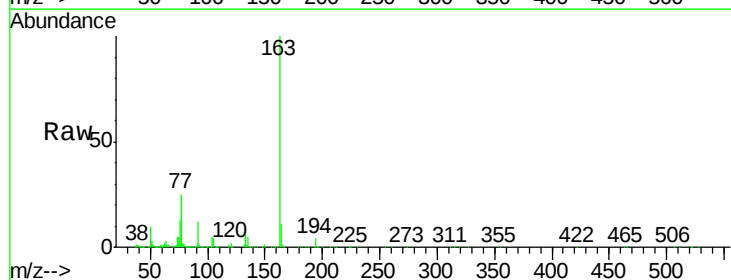
Instrument :
BNA_G
ClientSampleId :

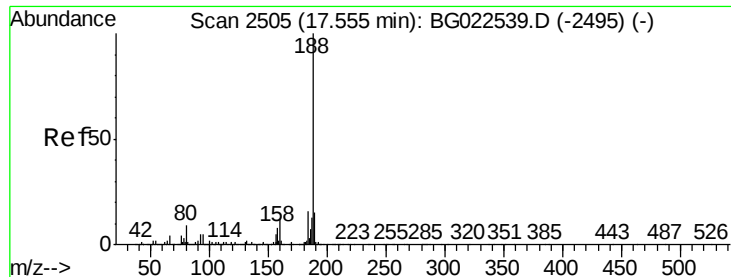
Tot Ion:172 Resp: 2082783
Ion Ratio Lower Upper
172 100
171 42.2 31.6 47.4
170 28.2 21.3 31.9



#49
Dimethylphthalate
Concen: 13.21 ng
RT: 14.24 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BG022601.D
Acq: 26 Jun 2016 8:45

Tgt Ion:163 Resp: 449718
Ion Ratio Lower Upper
163 100
194 3.8 3.6 5.4
164 10.9 8.1 12.1

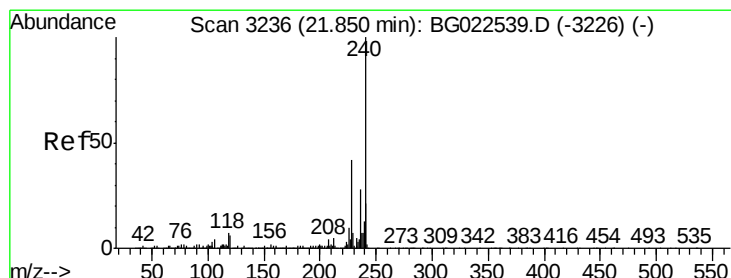
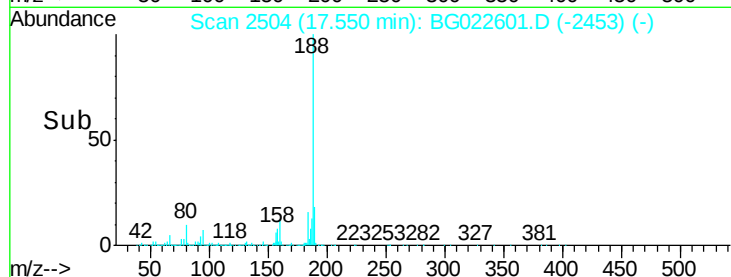
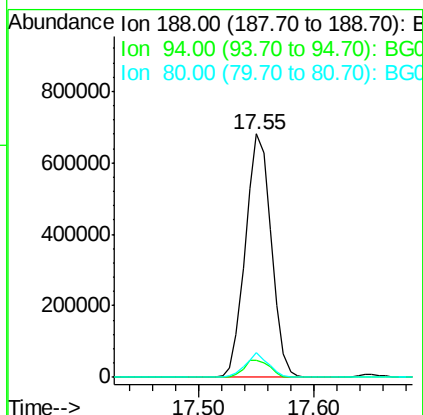
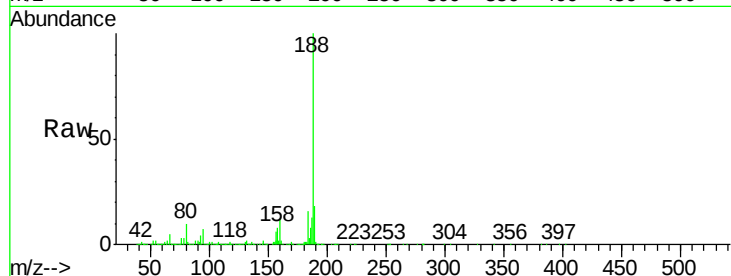




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.55 min Scan# 2504
Delta R.T. -0.00 min
Lab File: BG022601.D
Acq: 26 Jun 2016 8:45

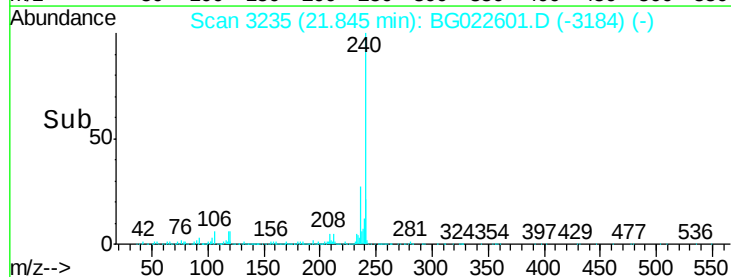
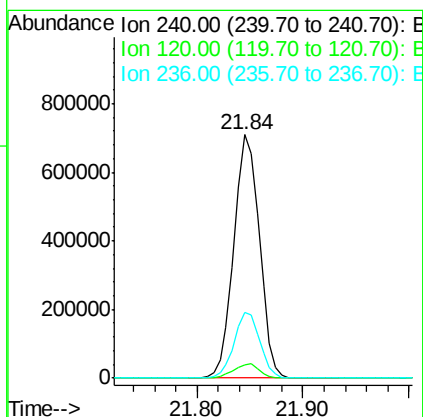
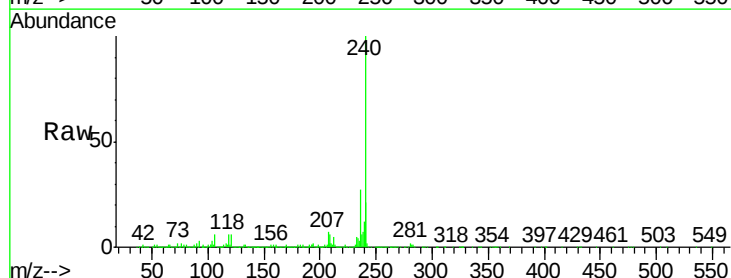
Instrument :
BNA_G
ClientSampleId :

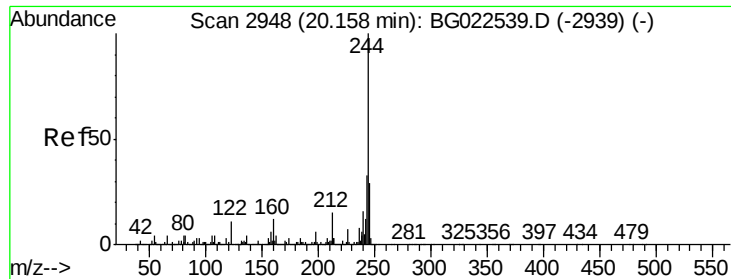
Tot Ion:188 Resp: 1057541
Ion Ratio Lower Upper
188 100
94 7.2 5.2 7.8
80 10.0 7.2 10.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.84 min Scan# 3235
Delta R.T. -0.00 min
Lab File: BG022601.D
Acq: 26 Jun 2016 8:45

Tgt Ion:240 Resp: 1183360
Ion Ratio Lower Upper
240 100
120 5.7 4.1 6.1
236 27.1 21.1 31.7





#78

Terphenyl-d14

Concen: 72.29 ng

RT: 20.16 min Scan# 2948

Delta R.T. 0.01 min

Lab File: BG022601.D

Acq: 26 Jun 2016 8:45

Instrument :

BNA_G

ClientSampled :

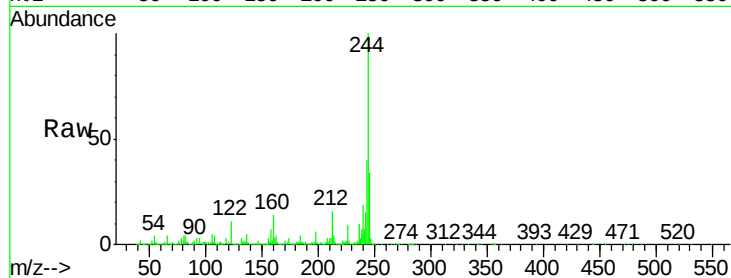
Tot Ion:244 Resp: 3228691

Ion Ratio Lower Upper

244 100

212 15.9 10.8 16.2

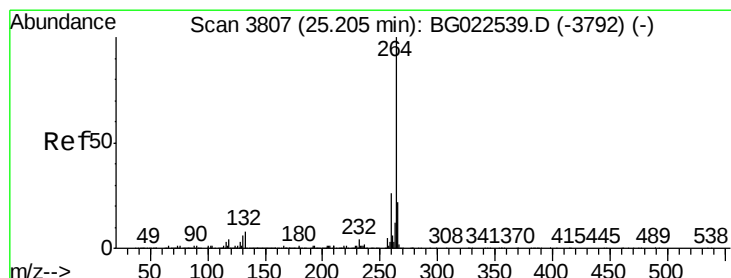
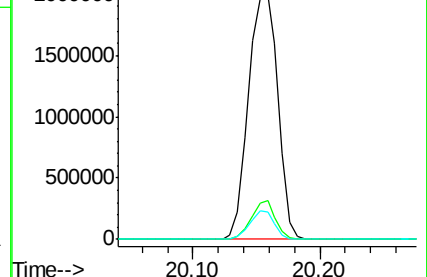
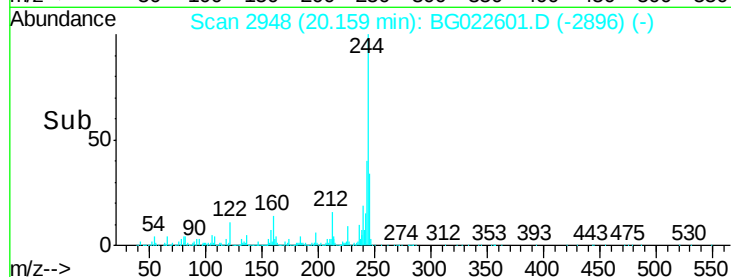
122 11.2 8.0 12.0



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: 25.21 min Scan# 3808

Delta R.T. 0.01 min

Lab File: BG022601.D

Acq: 26 Jun 2016 8:45

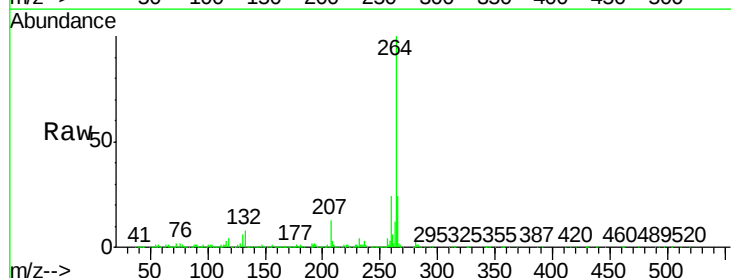
Tgt Ion:264 Resp: 1221846

Ion Ratio Lower Upper

264 100

260 23.8 18.4 27.6

265 23.7 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

