

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062616\
 Data File : BG022613.D
 Acq On : 26 Jun 2016 16:44
 Operator : UM/SJ
 Sample : H3733-07
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 27 01:11:31 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

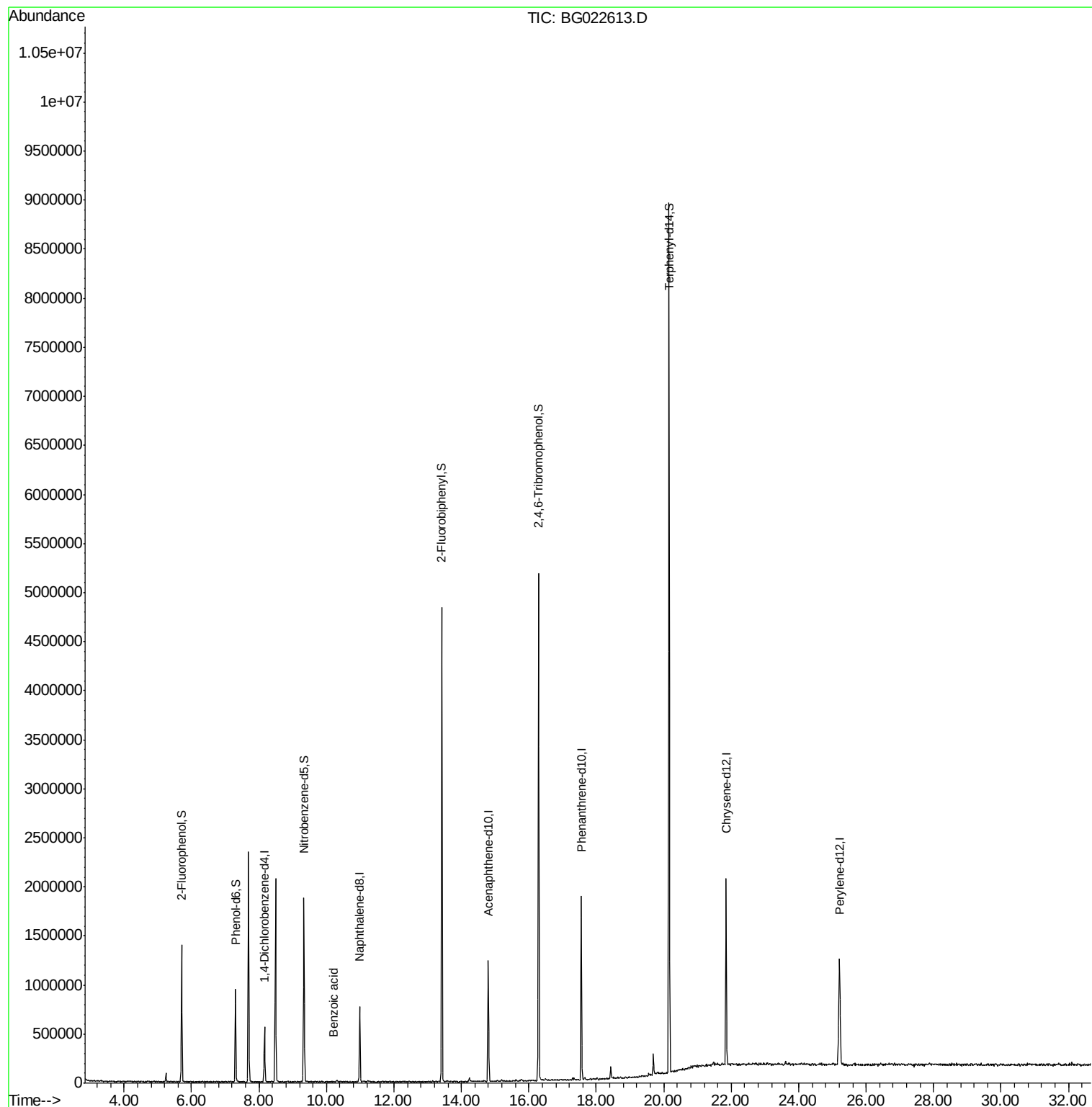
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	141927	20.00	ng	-0.01
21) Naphthalene-d8	10.99	136	596832	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	426322	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	1095405	20.00	ng	0.00
75) Chrysene-d12	21.85	240	1250169	20.00	ng	0.00
86) Perylene-d12	25.21	264	1261080	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	536616	60.64	ng	0.00
7) Phenol-d6	7.30	99	501864	40.24	ng	0.00
23) Nitrobenzene-d5	9.33	82	1180434	83.71	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	943790	140.75	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2264330	84.23	ng	0.00
78) Terphenyl-d14	20.16	244	3225886	68.36	ng	0.00
Target Compounds						
32) Benzoic acid	10.21	122	170	5.14	ng	Qvalue # 1

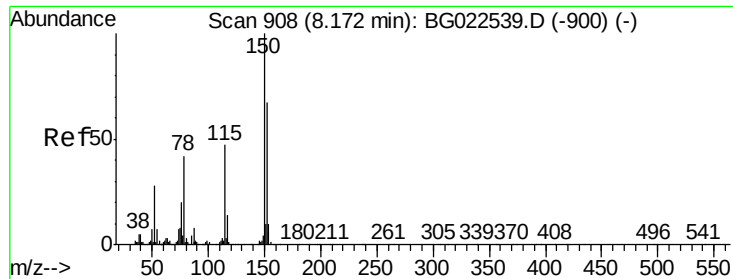
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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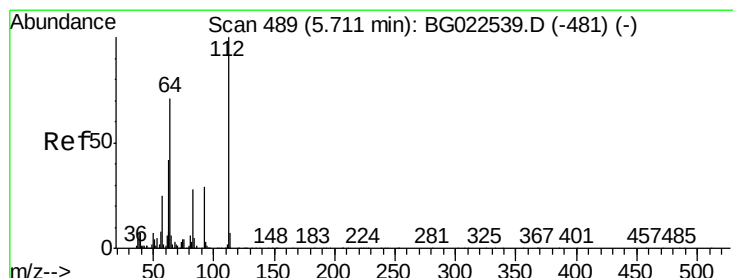
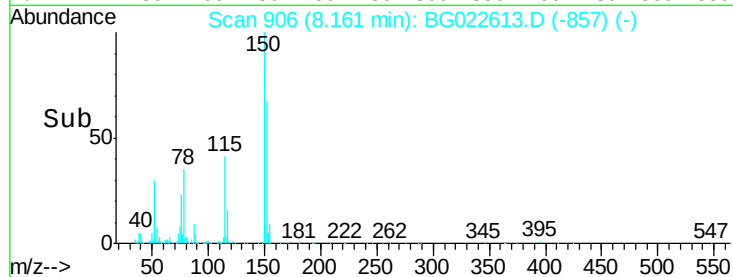
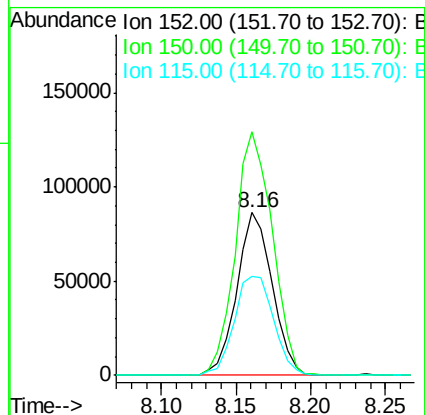
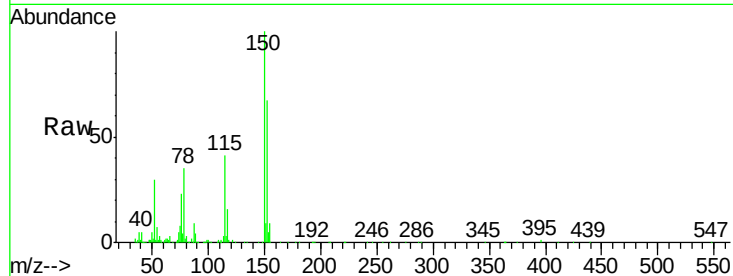


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.16 min Scan# 906
Delta R.T. -0.01 min
Lab File: BG022613.D
Acq: 26 Jun 2016 16:44

Instrument :
BNA_G
ClientSampleId :

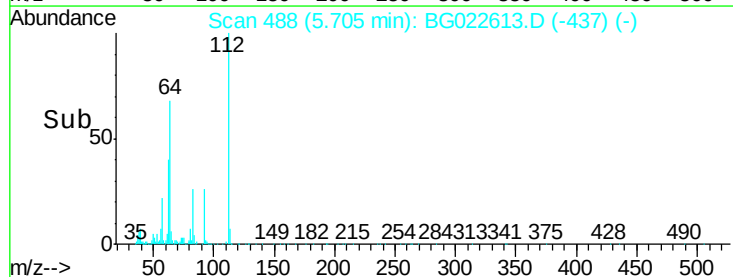
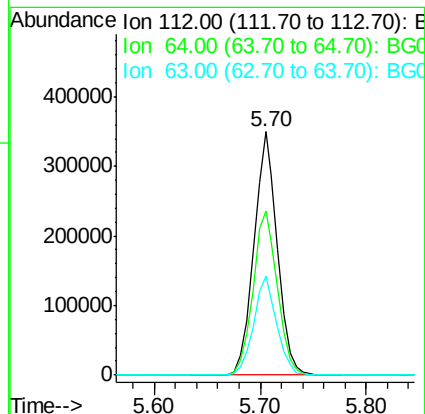
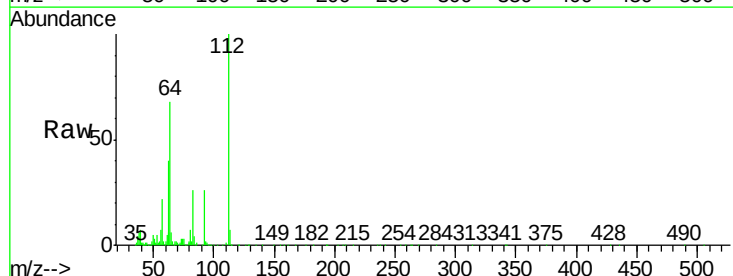
Tot Ion	Ratio	Lower	Upper
152	100		
150	149.6	144.7	217.1
115	60.9	64.0	96.0

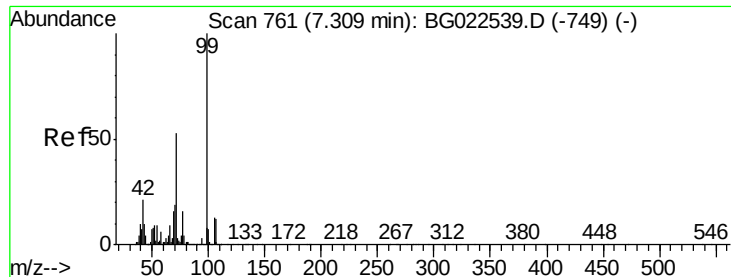


#5

2-Fluorophenol
Concen: 60.64 ng
RT: 5.70 min Scan# 488
Delta R.T. -0.00 min
Lab File: BG022613.D
Acq: 26 Jun 2016 16:44

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.6	59.0	88.4
63	40.5	37.8	56.8





#7

Phenol-d6

Concen: 40.24 ng

RT: 7.30 min Scan# 760

Delta R.T. -0.00 min

Lab File: BG022613.D

Acq: 26 Jun 2016 16:44

Instrument :

BNA_G

ClientSampleId :

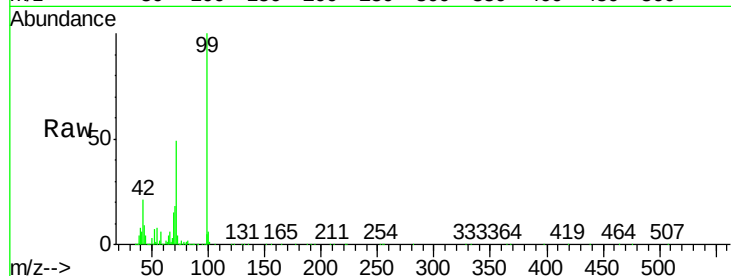
Tot Ion: 99 Resp: 501864

Ion Ratio Lower Upper

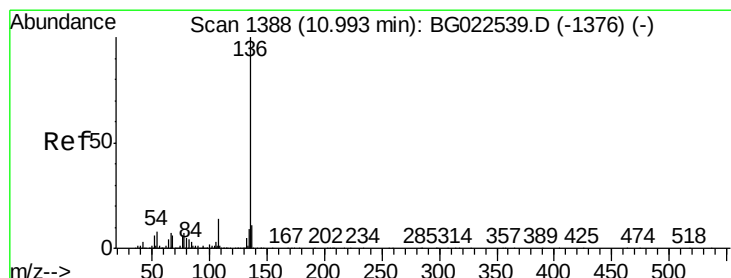
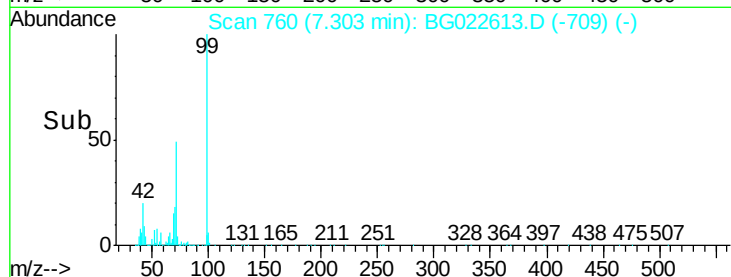
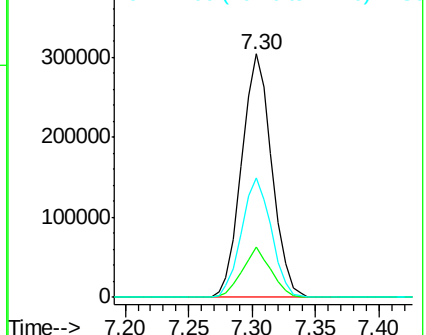
99 100

42 20.5 17.8 26.6

71 49.2 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: 10.99 min Scan# 1387

Delta R.T. -0.01 min

Lab File: BG022613.D

Acq: 26 Jun 2016 16:44

Tgt Ion: 136 Resp: 596832

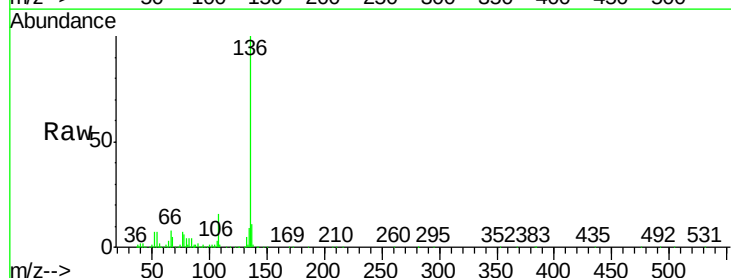
Ion Ratio Lower Upper

136 100

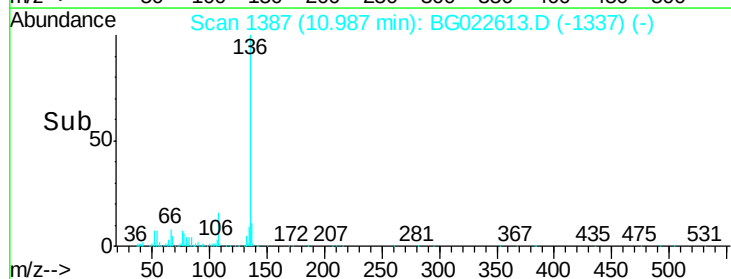
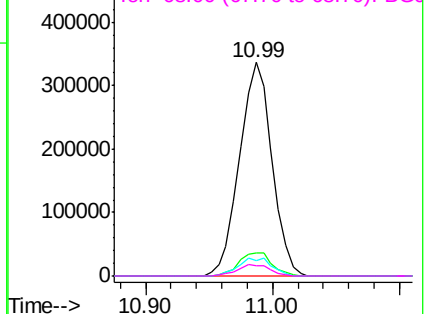
137 10.8 9.6 14.4

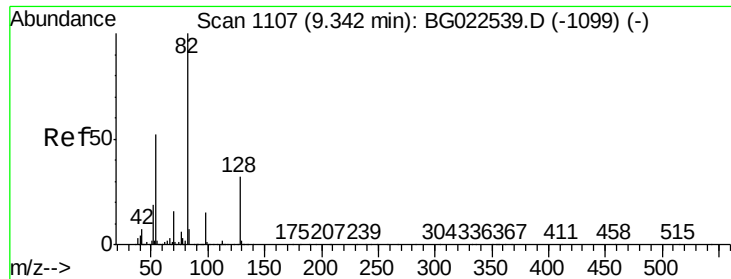
54 7.4 7.3 10.9

68 5.0 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

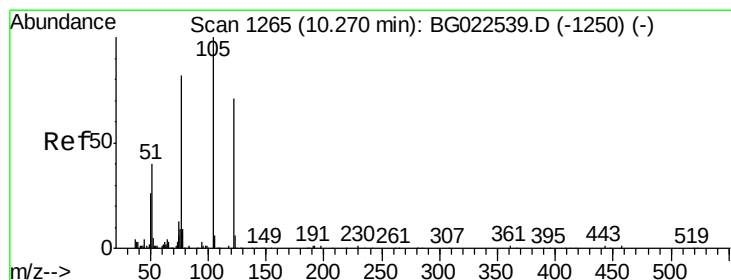
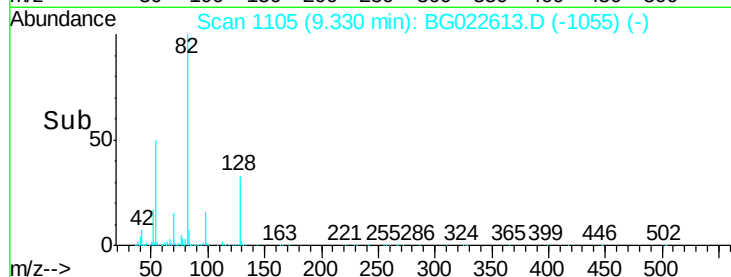
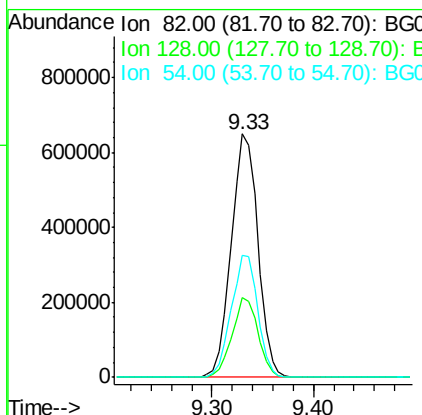
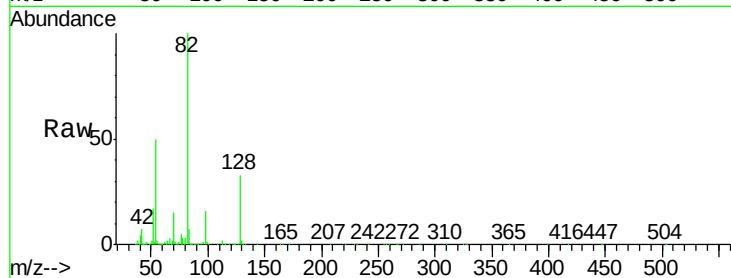




#23
Nitrobenzene-d5
Concen: 83.71 ng
RT: 9.33 min Scan# 1105
Delta R.T. -0.01 min
Lab File: BG022613.D
Acq: 26 Jun 2016 16:44

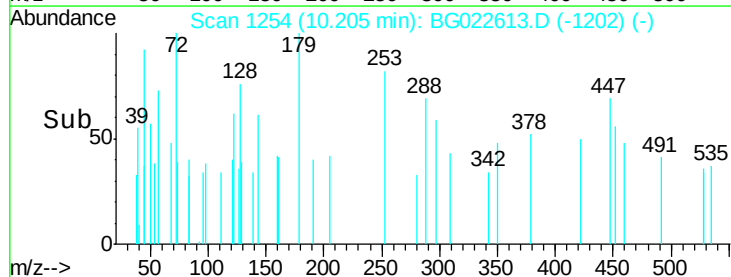
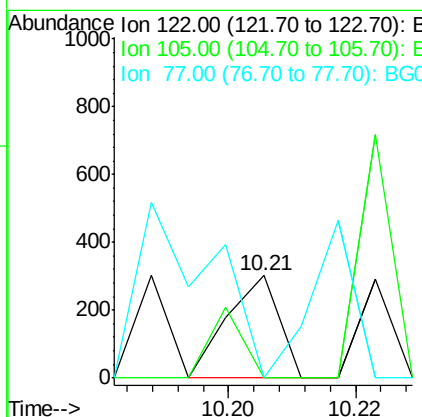
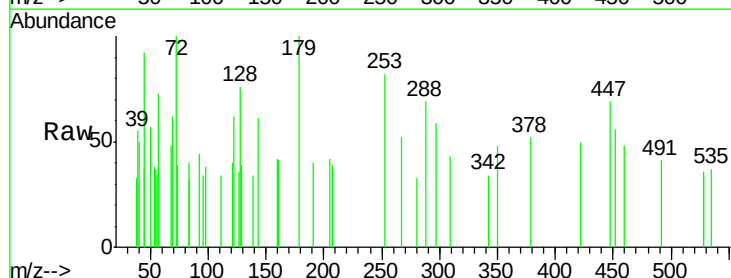
Instrument :
BNA_G
ClientSampleId :

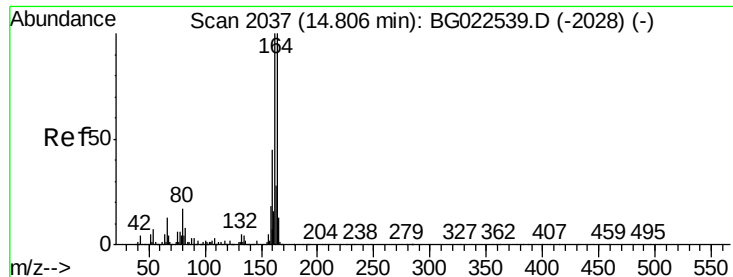
Tot Ion: 82 Resp: 1180434
Ion Ratio Lower Upper
82 100
128 33.0 24.4 36.6
54 50.0 41.4 62.0



#32
Benzoic acid
Concen: 5.14 ng
RT: 10.21 min Scan# 1254
Delta R.T. 0.01 min
Lab File: BG022613.D
Acq: 26 Jun 2016 16:44

Tgt Ion: 122 Resp: 170
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: 14.80 min Scan# 2036

Delta R.T. -0.00 min

Lab File: BG022613.D

Acq: 26 Jun 2016 16:44

Instrument :

BNA_G

ClientSampleId :

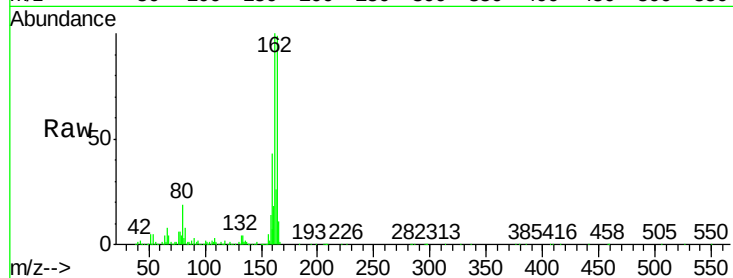
Tot Ion:164 Resp: 426322

Ion Ratio Lower Upper

164 100

162 101.5 87.7 131.5

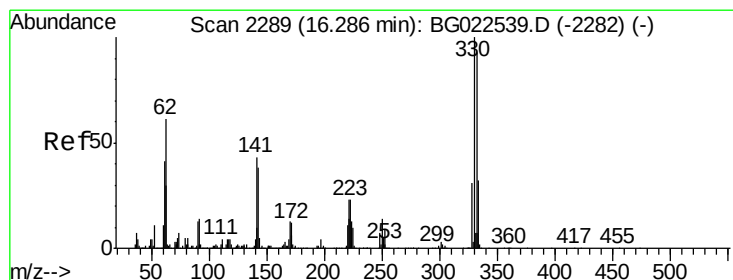
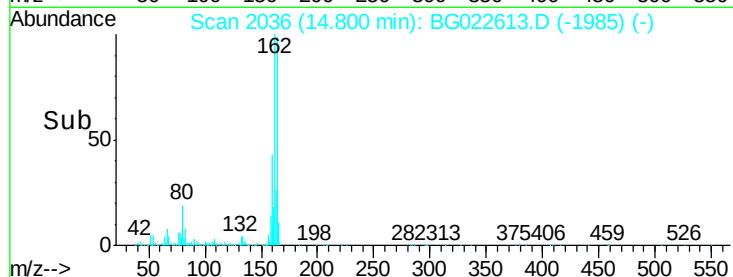
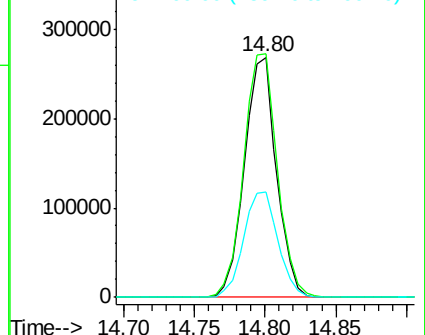
160 43.7 37.2 55.8



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: 140.75 ng

RT: 16.29 min Scan# 2290

Delta R.T. 0.01 min

Lab File: BG022613.D

Acq: 26 Jun 2016 16:44

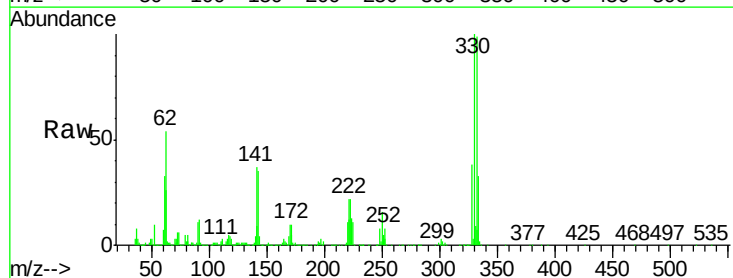
Tgt Ion:330 Resp: 943790

Ion Ratio Lower Upper

330 100

332 97.1 77.4 116.2

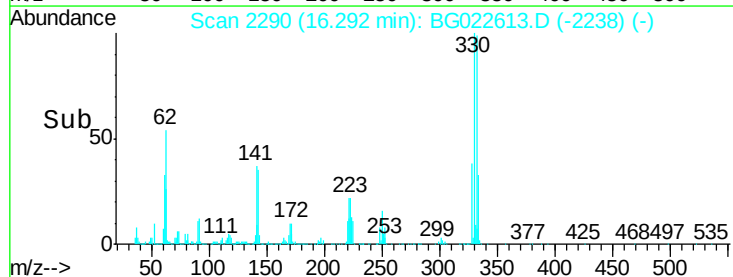
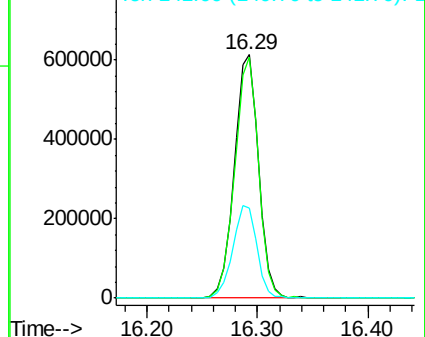
141 37.9 31.7 47.5

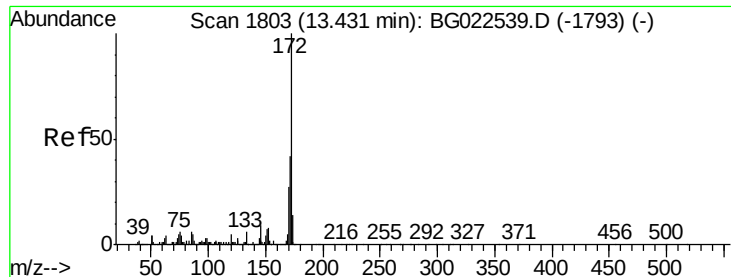


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

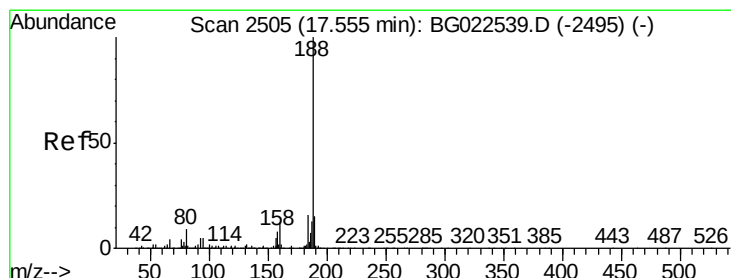
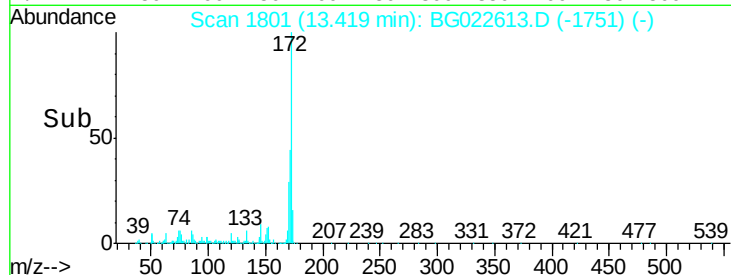
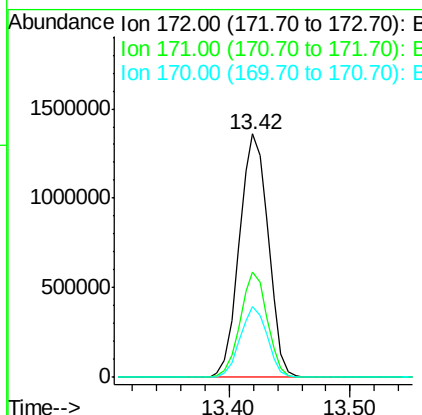
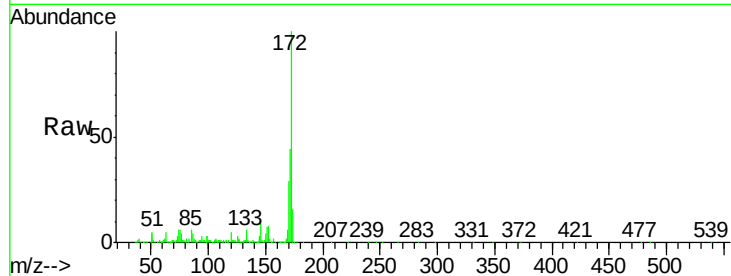




#44
2-Fluorobiphenyl
Concen: 84.23 ng
RT: 13.42 min Scan# 1801
Delta R.T. -0.01 min
Lab File: BG022613.D
Acq: 26 Jun 2016 16:44

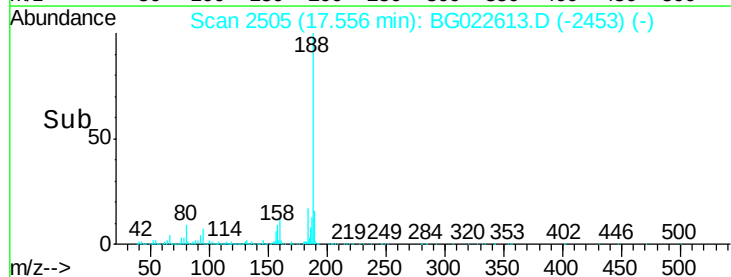
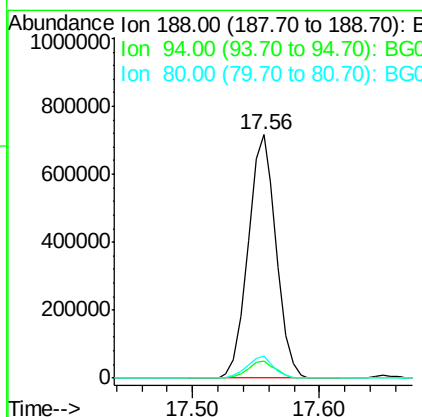
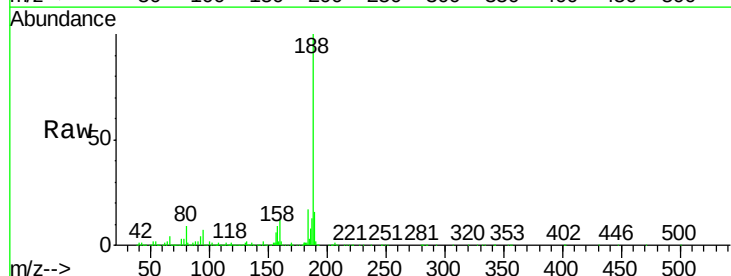
Instrument :
BNA_G
ClientSampleId :

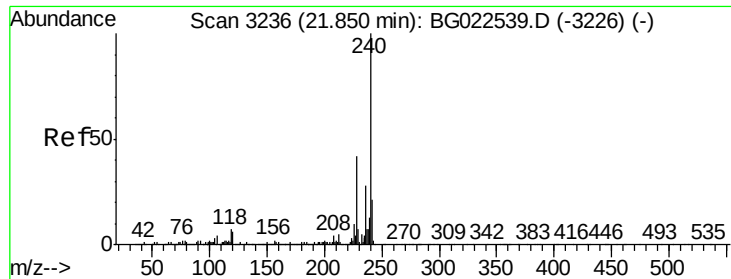
Tot Ion:172 Resp: 2264330
Ion Ratio Lower Upper
172 100
171 43.5 31.6 47.4
170 29.2 21.3 31.9



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 2505
Delta R.T. 0.01 min
Lab File: BG022613.D
Acq: 26 Jun 2016 16:44

Tgt Ion:188 Resp: 1095405
Ion Ratio Lower Upper
188 100
94 7.1 5.2 7.8
80 9.2 7.2 10.8

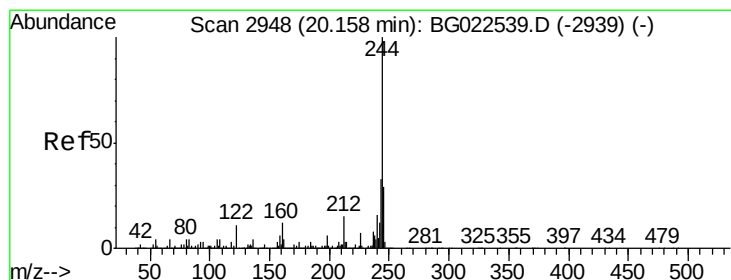
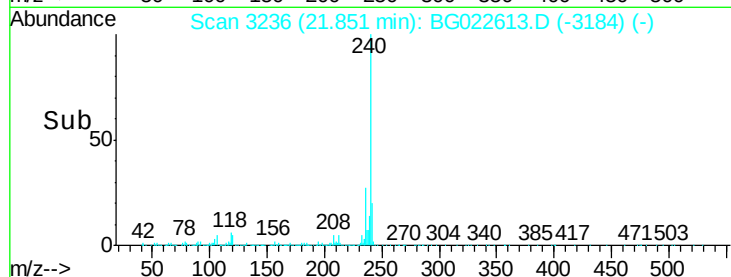
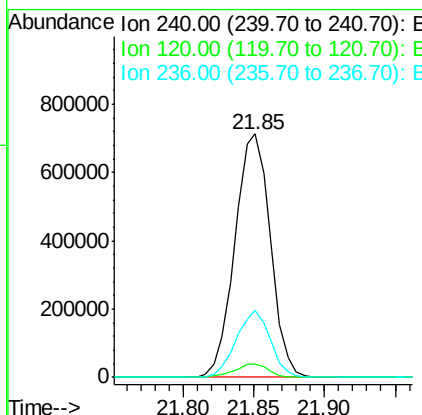
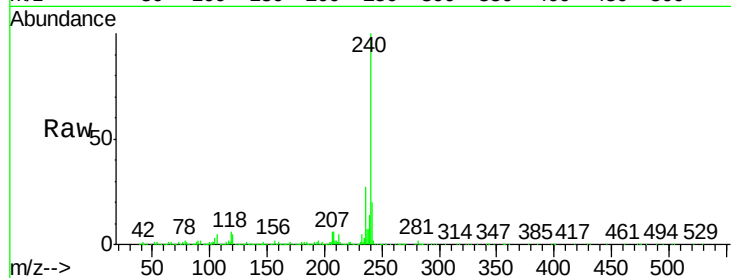




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.85 min Scan# 3236
Delta R.T. 0.01 min
Lab File: BG022613.D
Acq: 26 Jun 2016 16:44

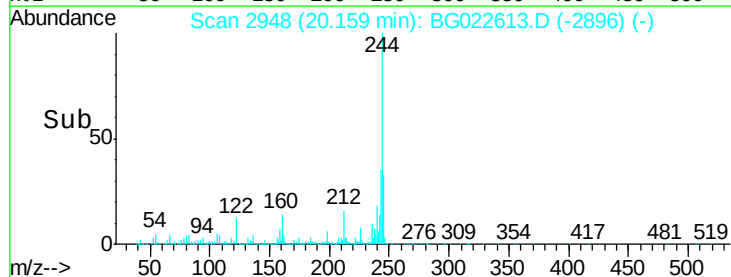
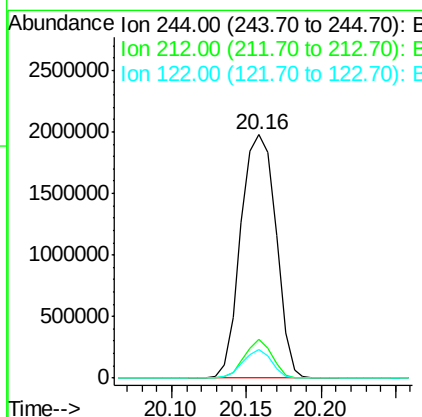
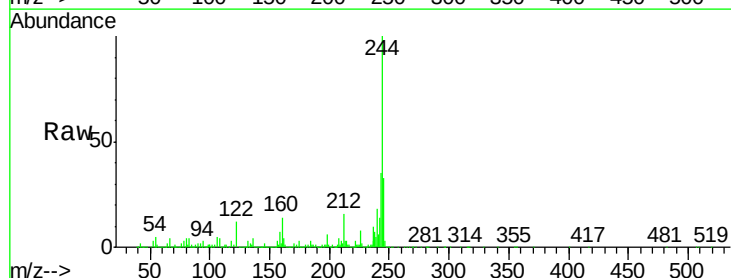
Instrument :
BNA_G
ClientSampleId :

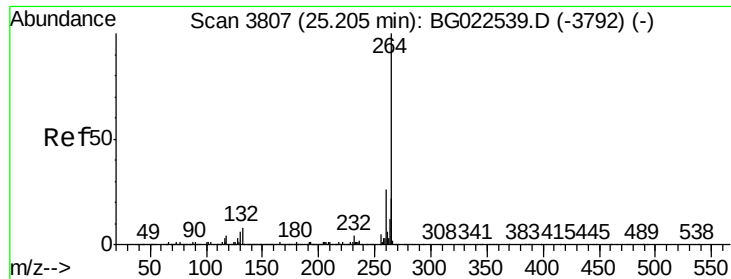
Tot Ion:240 Resp: 1250169
Ion Ratio Lower Upper
240 100
120 5.3 4.1 6.1
236 27.4 21.1 31.7



#78
Terphenyl-d14
Concen: 68.36 ng
RT: 20.16 min Scan# 2948
Delta R.T. 0.01 min
Lab File: BG022613.D
Acq: 26 Jun 2016 16:44

Tgt Ion:244 Resp: 3225886
Ion Ratio Lower Upper
244 100
212 16.0 10.8 16.2
122 11.6 8.0 12.0





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 25.21 min Scan# 3808
 Delta R.T. 0.01 min
 Lab File: BG022613.D
 Acq: 26 Jun 2016 16:44

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:264 Resp: 1261080

Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.4	27.6
265	23.2	18.9	28.3

