

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062616\
 Data File : BG022612.D
 Acq On : 26 Jun 2016 16:04
 Operator : UM/SJ
 Sample : H3733-06
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 27 01:11:18 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

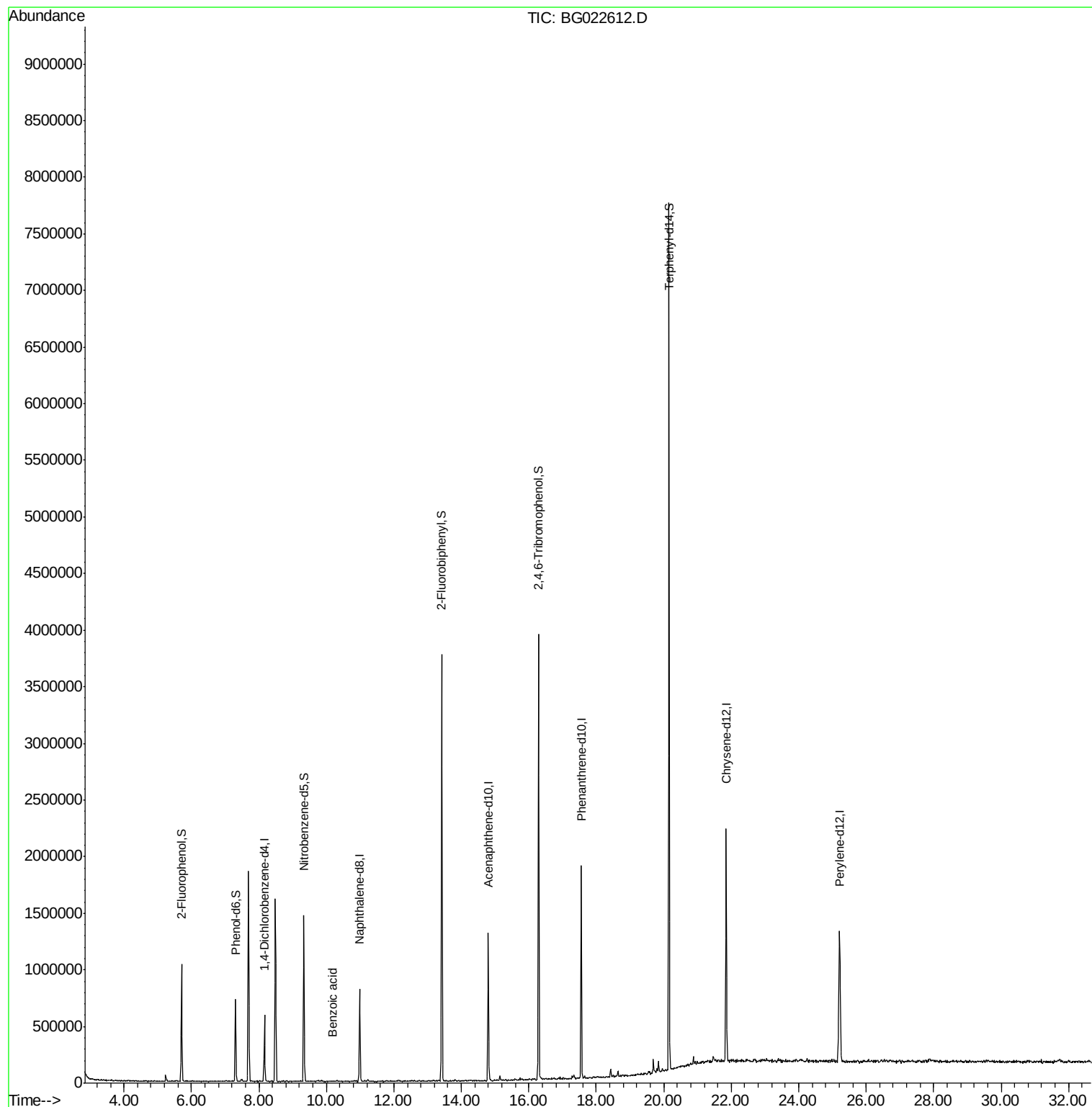
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	151597	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	628543	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	446869	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	1145053	20.00	ng	0.00
75) Chrysene-d12	21.85	240	1304523	20.00	ng	0.00
86) Perylene-d12	25.21	264	1338192	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	418119	44.24	ng	0.00
7) Phenol-d6	7.31	99	390205	29.29	ng	0.00
23) Nitrobenzene-d5	9.33	82	922432	62.11	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	735193	104.60	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	1866300	66.23	ng	0.00
78) Terphenyl-d14	20.16	244	2894245	58.78	ng	0.00
Target Compounds						
32) Benzoic acid	10.19	122	274	5.15	ng	Qvalue # 6

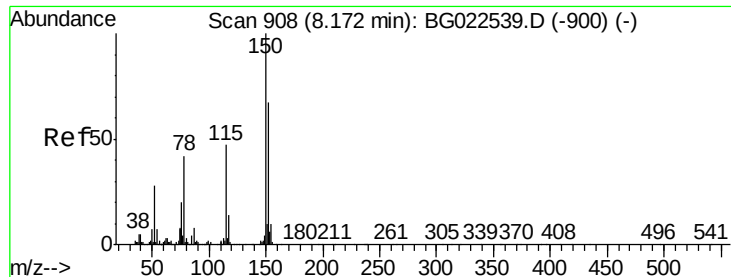
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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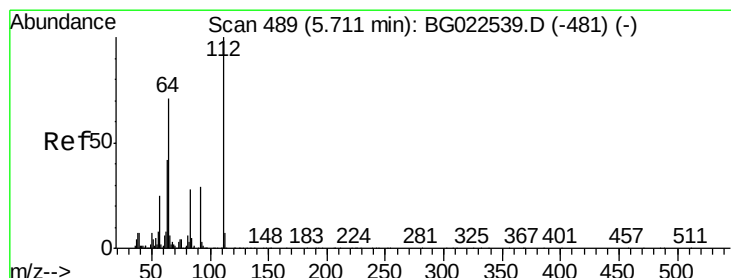
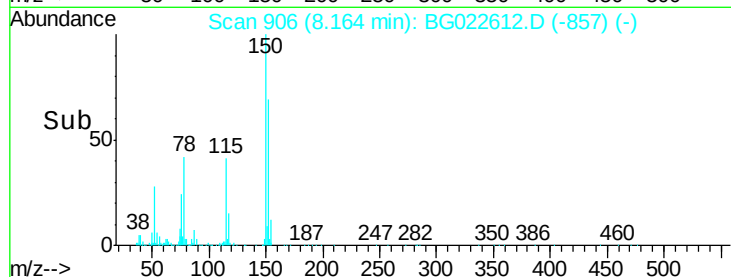
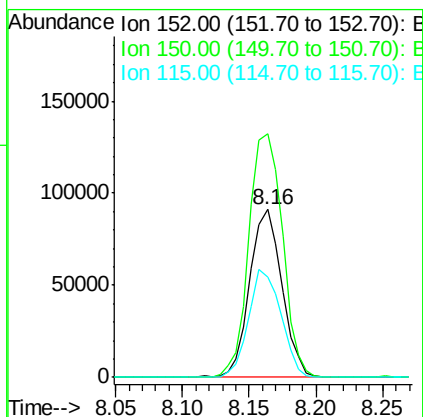
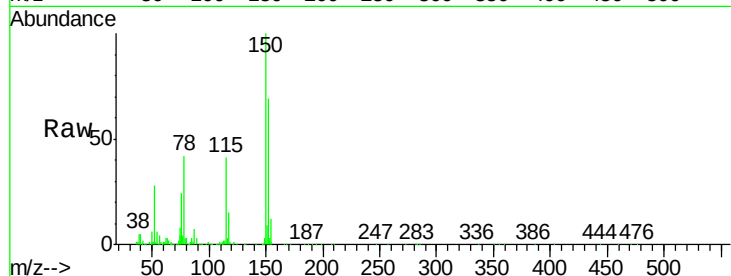


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.16 min Scan# 906
Delta R.T. -0.01 min
Lab File: BG022612.D
Acq: 26 Jun 2016 16:04

Instrument :
BNA_G
ClientSampleId :

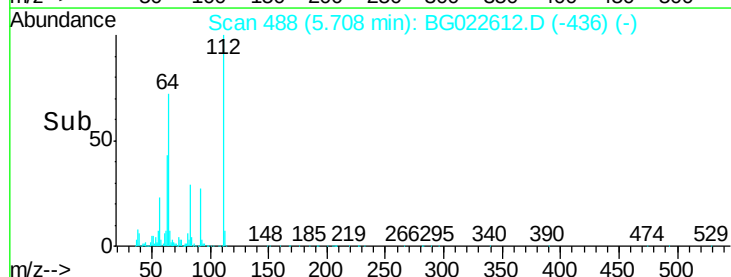
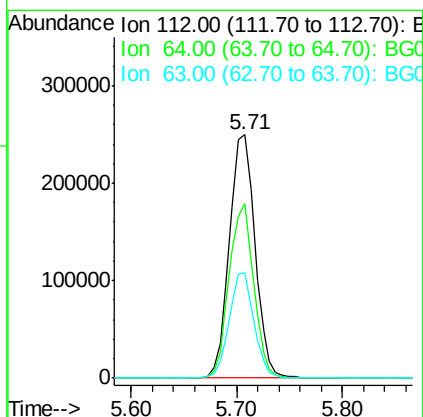
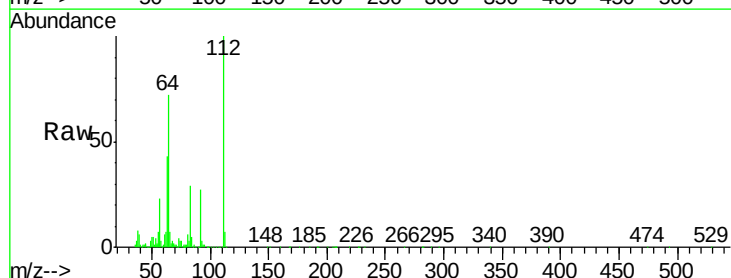
Tot Ion	Ratio	Lower	Upper
152	100		
150	145.1	144.7	217.1
115	60.0	64.0	96.0

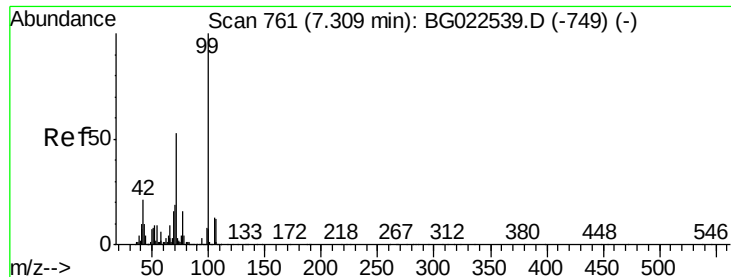


#5

2-Fluorophenol
Concen: 44.24 ng
RT: 5.71 min Scan# 488
Delta R.T. 0.00 min
Lab File: BG022612.D
Acq: 26 Jun 2016 16:04

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.9	59.0	88.4
63	43.1	37.8	56.8





#7

Phenol-d6

Concen: 29.29 ng

RT: 7.31 min Scan# 760

Delta R.T. 0.00 min

Lab File: BG022612.D

Acq: 26 Jun 2016 16:04

Instrument :

BNA_G

ClientSampleId :

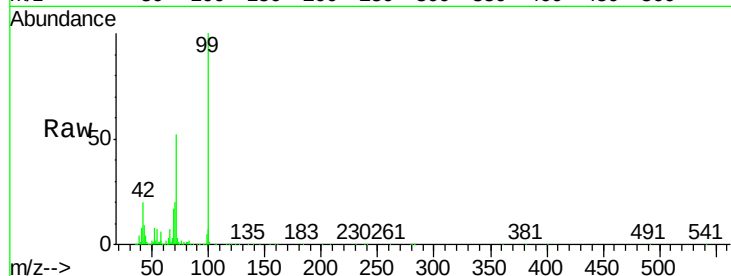
Tot Ion: 99 Resp: 390205

Ion Ratio Lower Upper

99 100

42 20.0 17.8 26.6

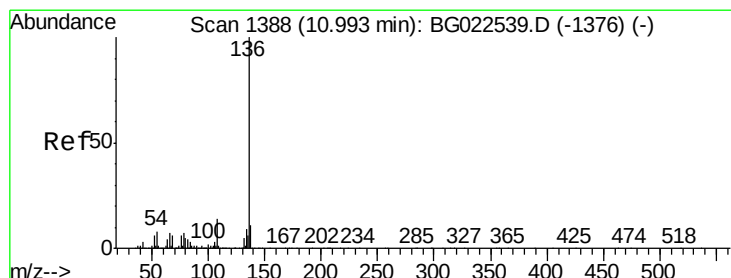
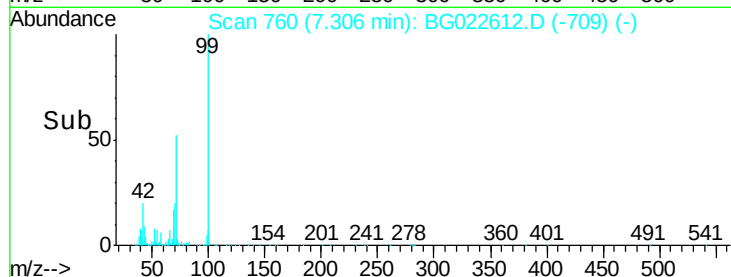
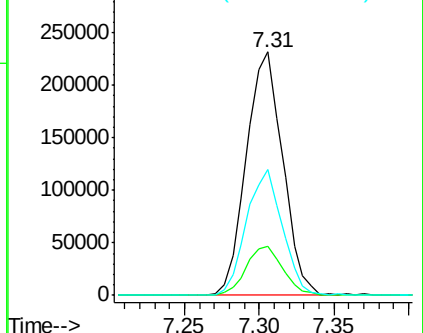
71 51.8 41.5 62.3



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: BG022612.D

Acq: 26 Jun 2016 16:04

Tgt Ion: 136 Resp: 628543

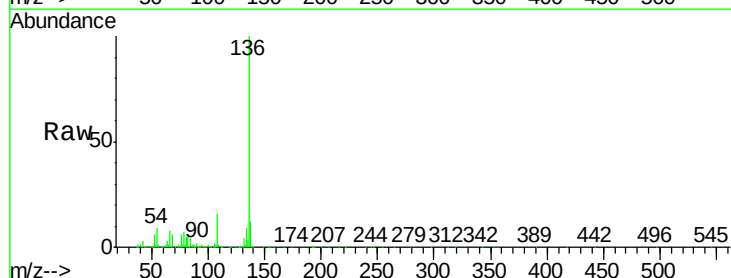
Ion Ratio Lower Upper

136 100

137 11.6 9.6 14.4

54 9.4 7.3 10.9

68 5.7 5.3 7.9

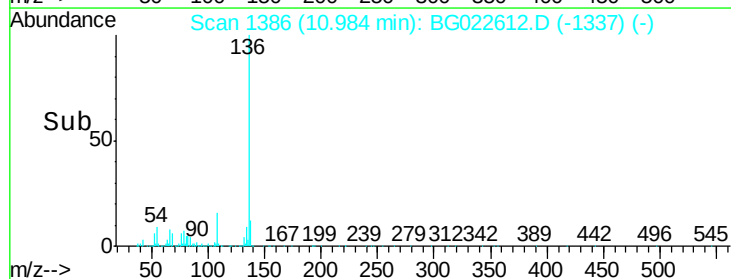
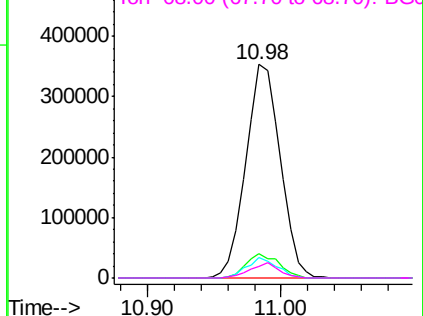


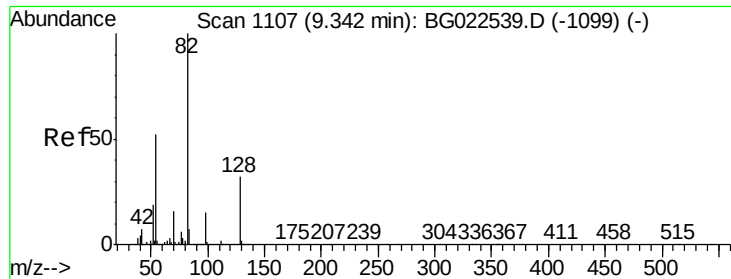
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

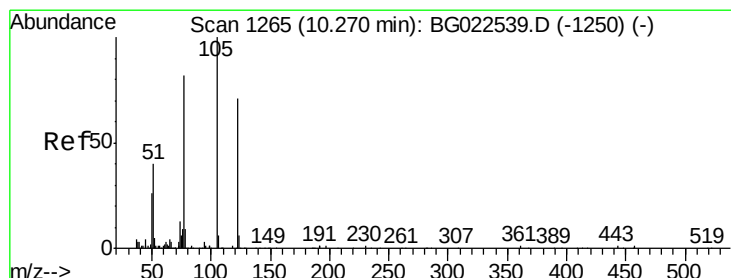
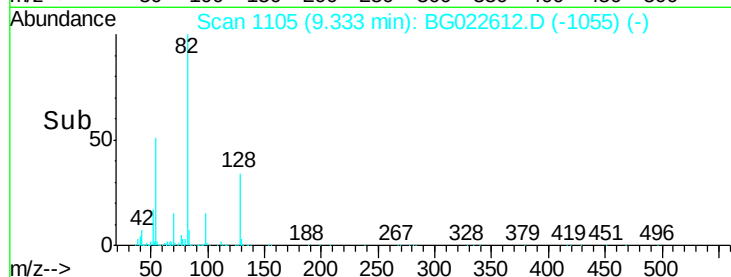
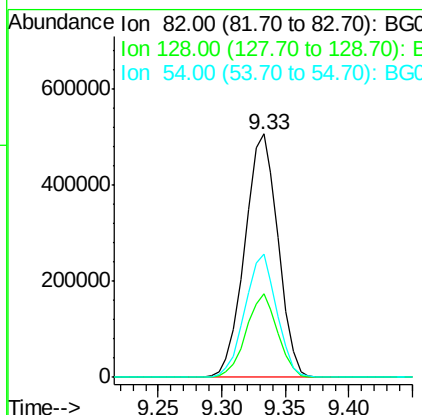
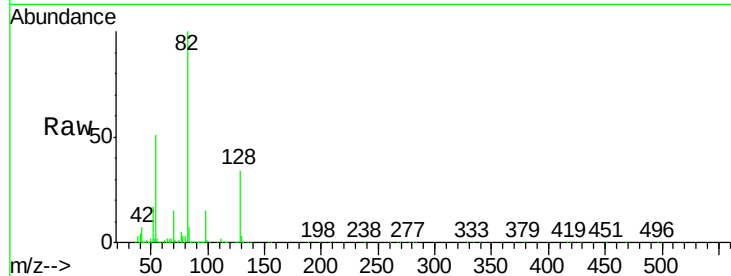




#23
Nitrobenzene-d5
Concen: 62.11 ng
RT: 9.33 min Scan# 1105
Delta R.T. -0.00 min
Lab File: BG022612.D
Acq: 26 Jun 2016 16:04

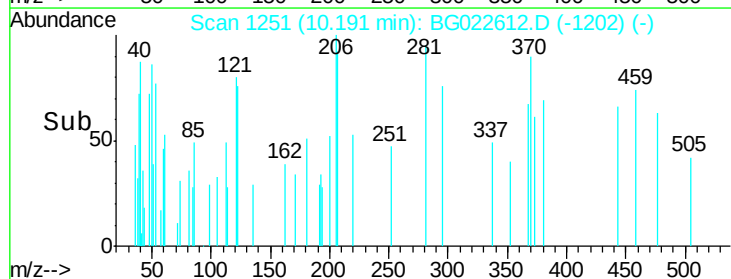
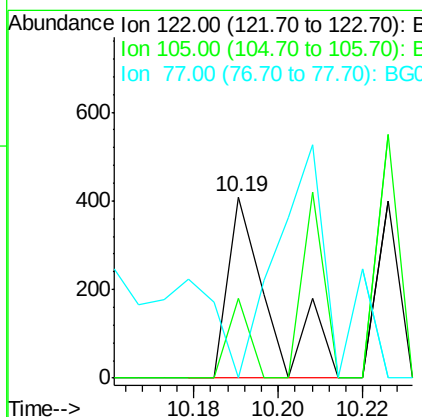
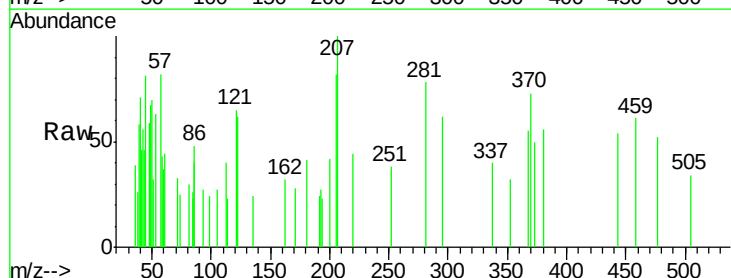
Instrument :
BNA_G
ClientSampleId :

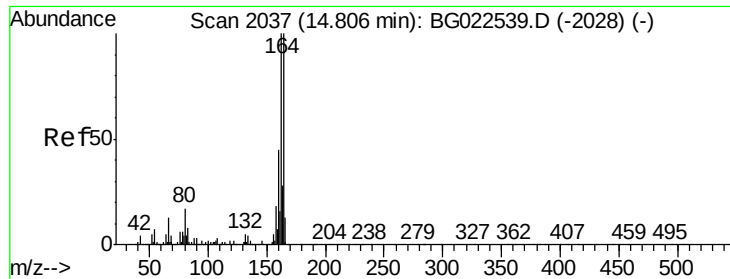
Tot Ion: 82 Resp: 922432
Ion Ratio Lower Upper
82 100
128 34.4 24.4 36.6
54 50.7 41.4 62.0



#32
Benzoic acid
Concen: 5.15 ng
RT: 10.19 min Scan# 1251
Delta R.T. -0.01 min
Lab File: BG022612.D
Acq: 26 Jun 2016 16:04

Tgt Ion: 122 Resp: 274
Ion Ratio Lower Upper
122 100
105 43.8 117.2 157.2#
77 0.0 109.2 149.2#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.80 min Scan# 2035

Delta R.T. -0.00 min

Lab File: BG022612.D

Acq: 26 Jun 2016 16:04

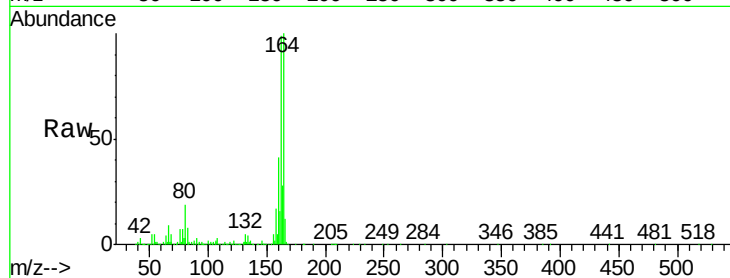
Instrument :

BNA_G

ClientSampleId :

Tot Ion:164 Resp: 446869

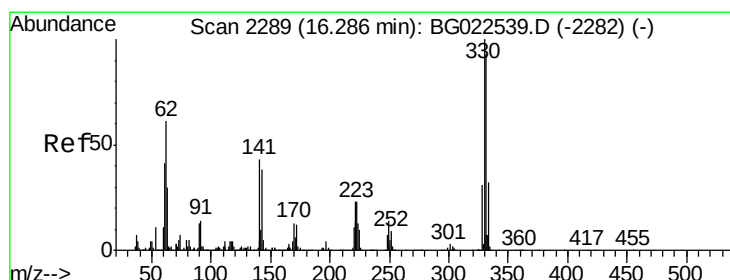
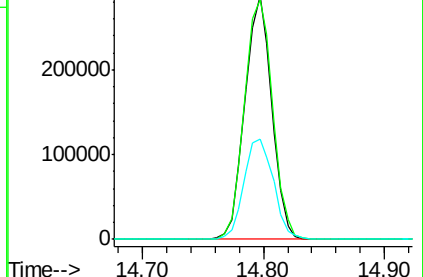
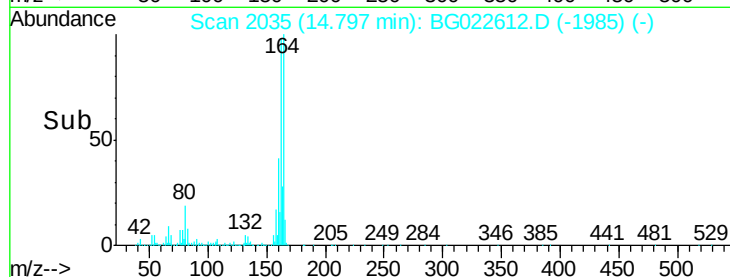
Ion	Ratio	Lower	Upper
164	100		
162	98.5	87.7	131.5
160	41.1	37.2	55.8



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: 104.60 ng

RT: 16.29 min Scan# 2289

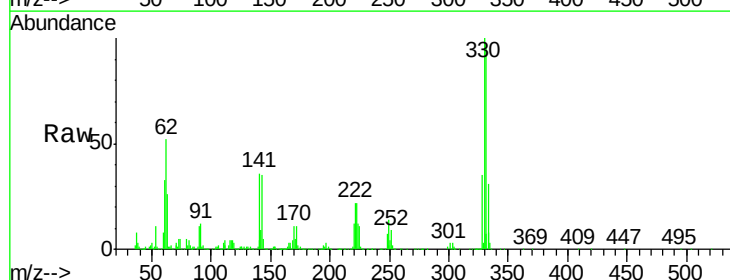
Delta R.T. 0.00 min

Lab File: BG022612.D

Acq: 26 Jun 2016 16:04

Tgt Ion:330 Resp: 735193

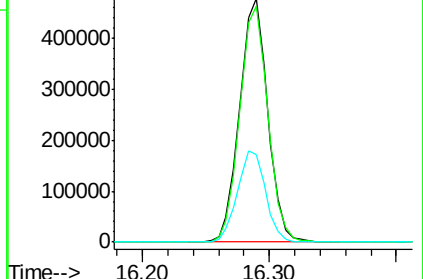
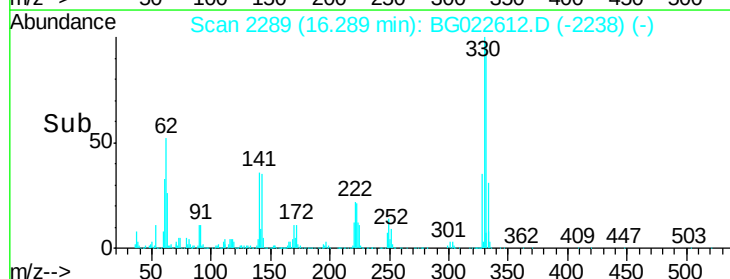
Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.4	116.2
141	37.6	31.7	47.5

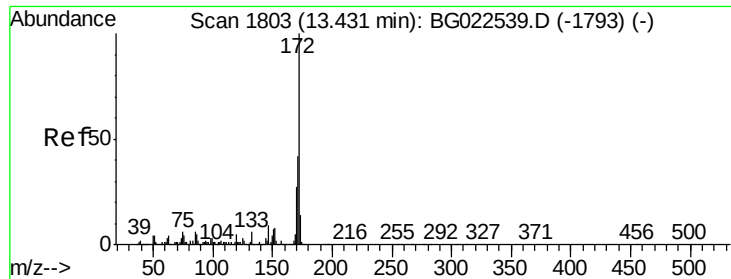


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

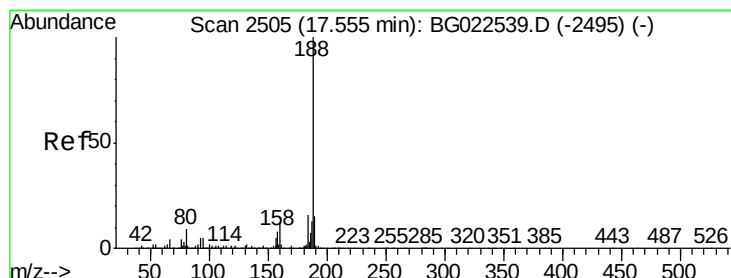
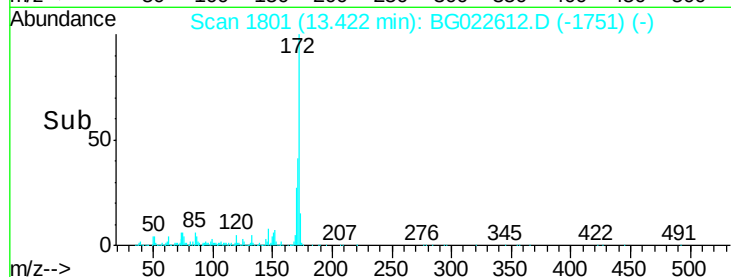
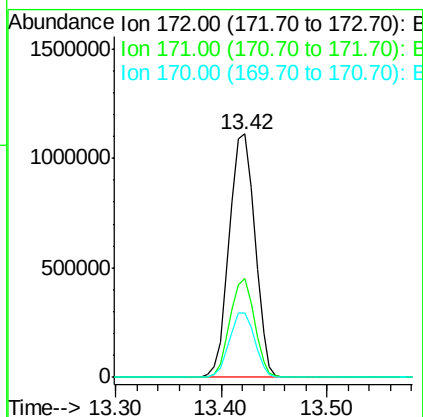
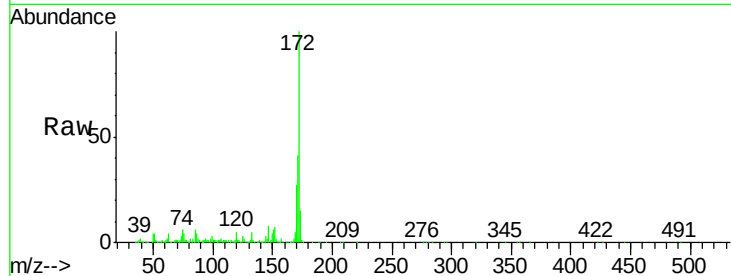




#44
2-Fluorobiphenyl
Concen: 66.23 ng
RT: 13.42 min Scan# 1801
Delta R.T. -0.00 min
Lab File: BG022612.D
Acq: 26 Jun 2016 16:04

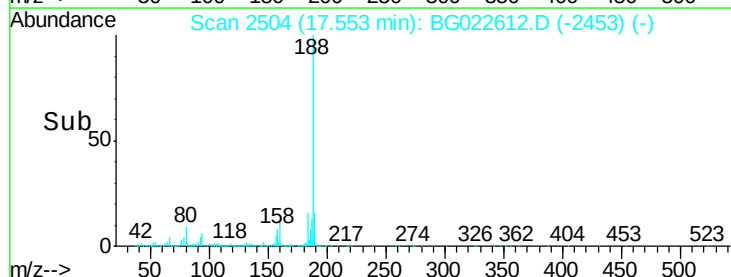
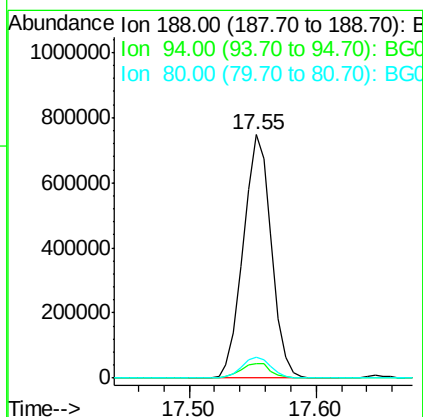
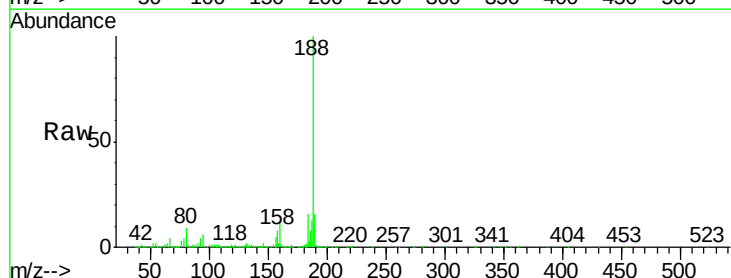
Instrument :
BNA_G
ClientSampled :

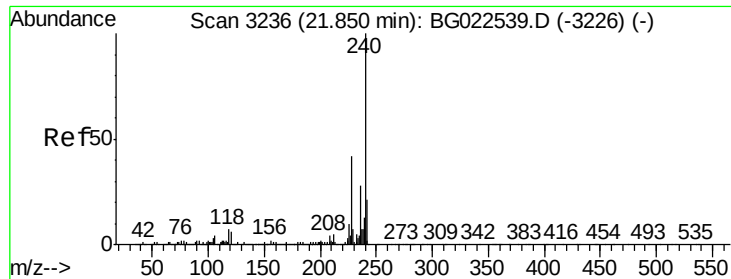
Tot Ion:172 Resp: 1866300
Ion Ratio Lower Upper
172 100
171 40.6 31.6 47.4
170 26.6 21.3 31.9



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.55 min Scan# 2504
Delta R.T. 0.00 min
Lab File: BG022612.D
Acq: 26 Jun 2016 16:04

Tgt Ion:188 Resp: 1145053
Ion Ratio Lower Upper
188 100
94 6.0 5.2 7.8
80 8.8 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: BG022612.D

Acq: 26 Jun 2016 16:04

Instrument :

BNA_G

ClientSampleId :

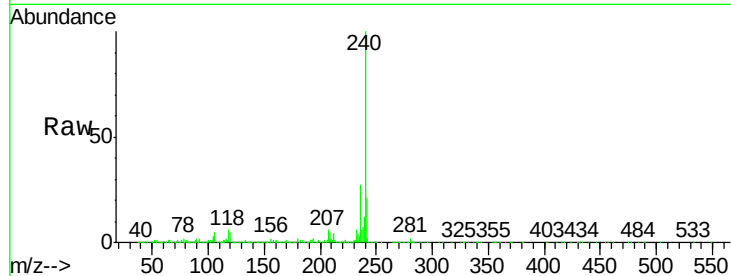
Tot Ion:240 Resp: 1304523

Ion Ratio Lower Upper

240 100

120 4.7 4.1 6.1

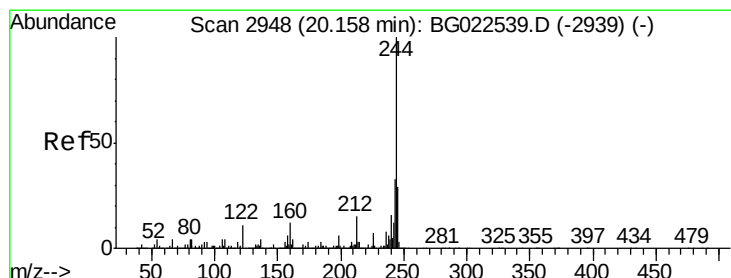
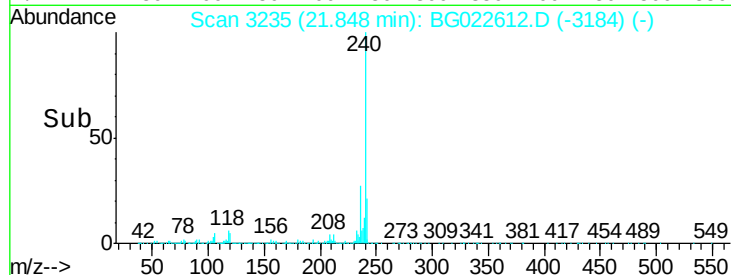
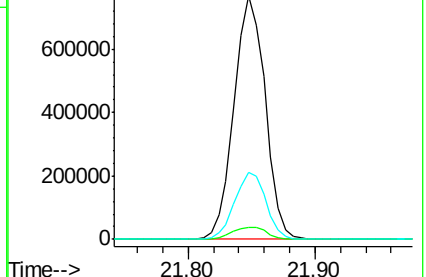
236 27.3 21.1 31.7



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: 58.78 ng

RT: 20.16 min Scan# 2947

Delta R.T. 0.00 min

Lab File: BG022612.D

Acq: 26 Jun 2016 16:04

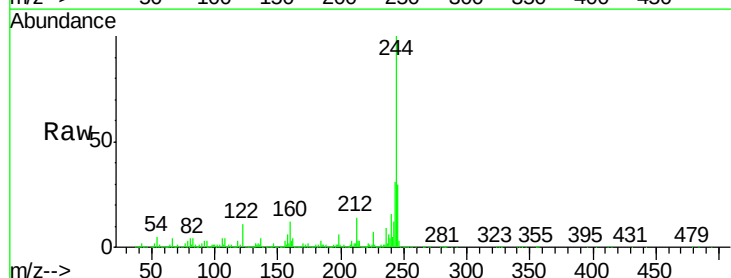
Tgt Ion:244 Resp: 2894245

Ion Ratio Lower Upper

244 100

212 13.9 10.8 16.2

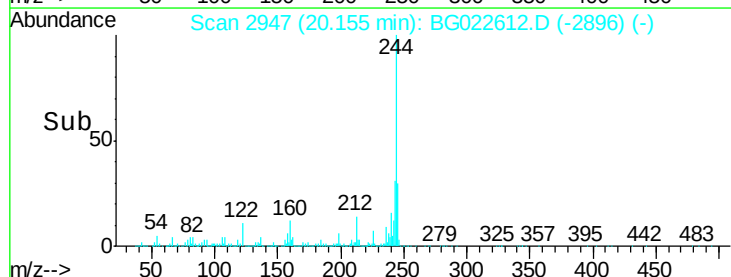
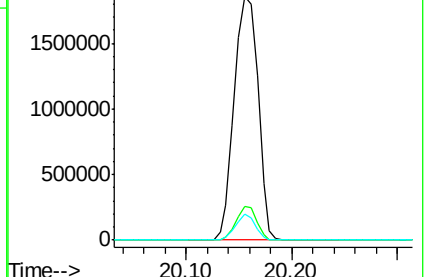
122 10.6 8.0 12.0

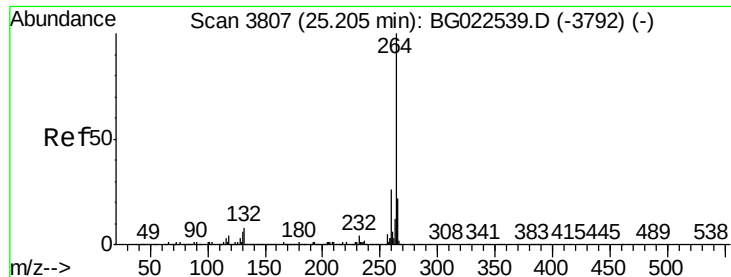


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.21 min Scan# 3807
Delta R.T. 0.00 min
Lab File: BG022612.D
Acq: 26 Jun 2016 16:04

Instrument :
BNA_G
ClientSampleId :

Tot Ion:264 Resp: 1338192

Ion	Ratio	Lower	Upper
264	100		
260	24.6	18.4	27.6
265	22.4	18.9	28.3

