

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062616\
 Data File : BG022631.D
 Acq On : 27 Jun 2016 5:24
 Operator : UM/SJ
 Sample : H3733-05
 Misc :
 ALS Vial : 83 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 27 07:13:05 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

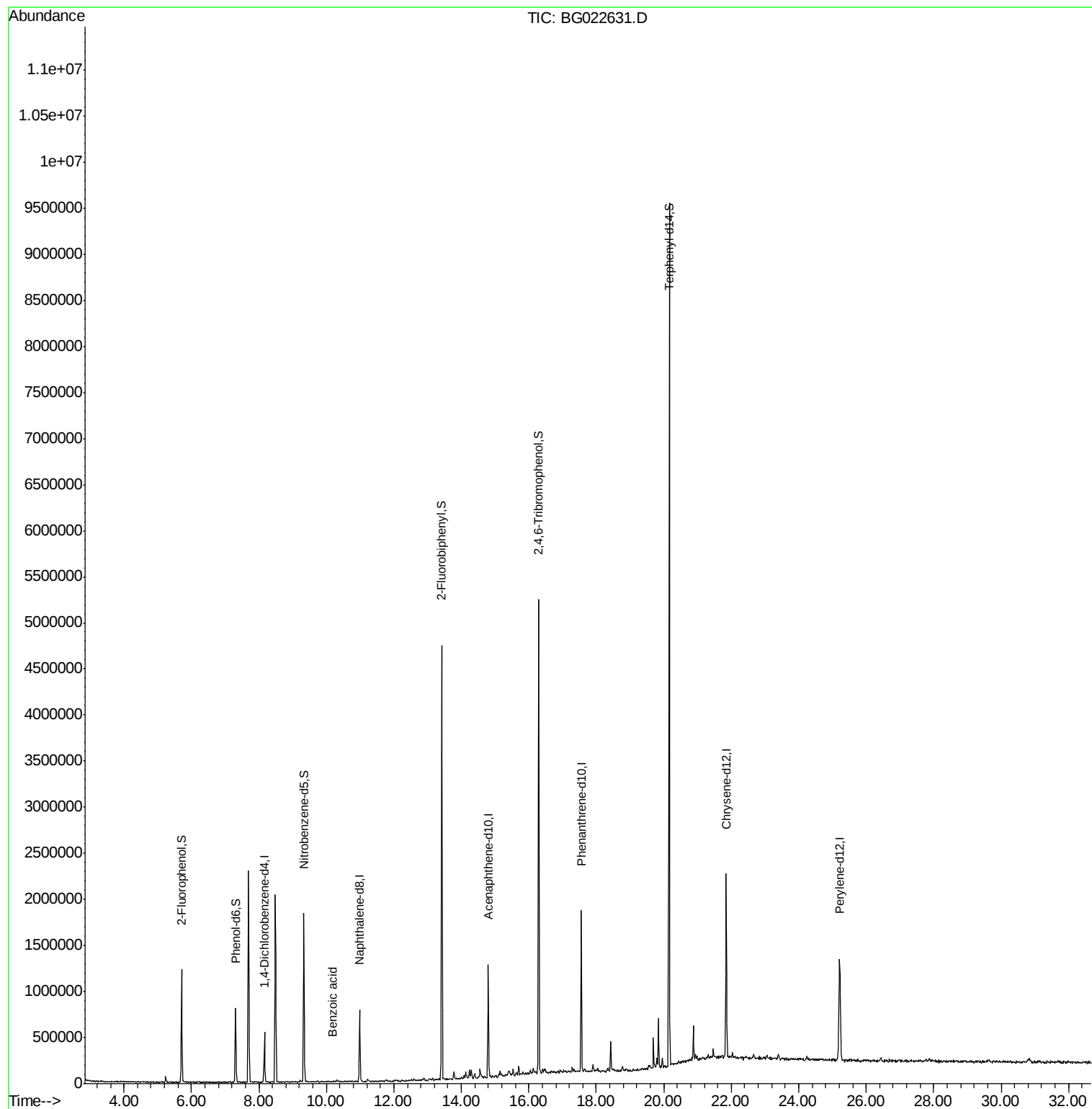
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	141854	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	605607	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	418789	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	1081838	20.00	ng	0.00
75) Chrysene-d12	21.85	240	1272692	20.00	ng	0.00
86) Perylene-d12	25.21	264	1266856	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	480842	54.37	ng	0.00
7) Phenol-d6	7.31	99	451937	36.25	ng	0.00
23) Nitrobenzene-d5	9.33	82	1178741	82.38	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	942843	143.14	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2240011	84.83	ng	0.00
78) Terphenyl-d14	20.16	244	3303620	68.77	ng	0.00
Target Compounds						
32) Benzoic acid	10.19	122	321	5.15	ng	Qvalue # 14

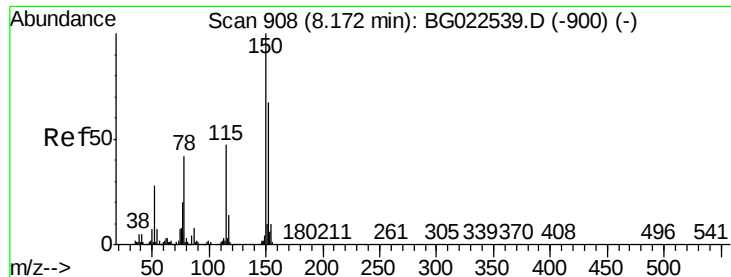
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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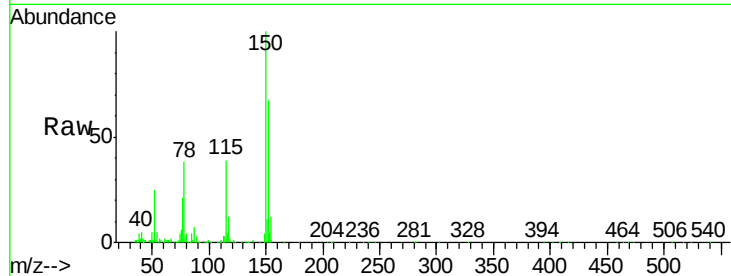


#1

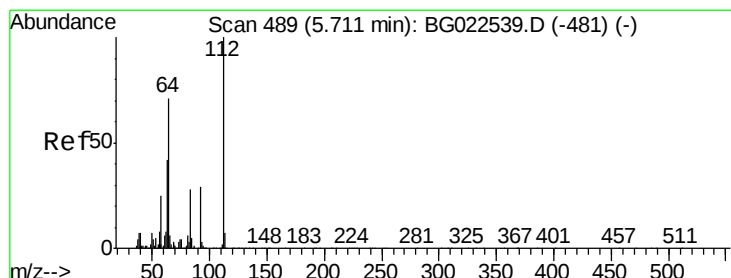
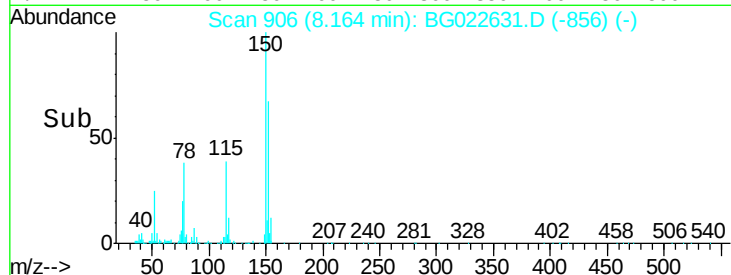
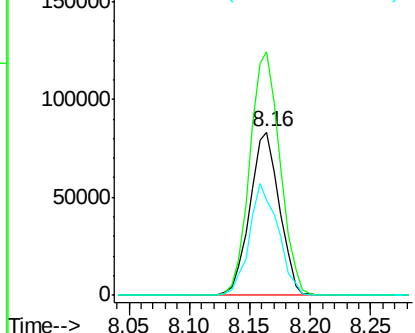
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.16 min Scan# 906
Delta R.T. -0.01 min
Lab File: BG022631.D
Acq: 27 Jun 2016 5:24

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.8	144.7	217.1
115	58.1	64.0	96.0



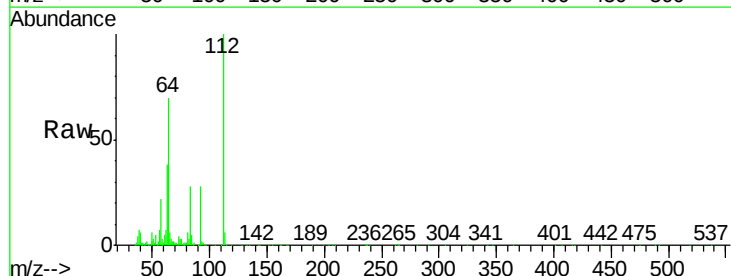
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



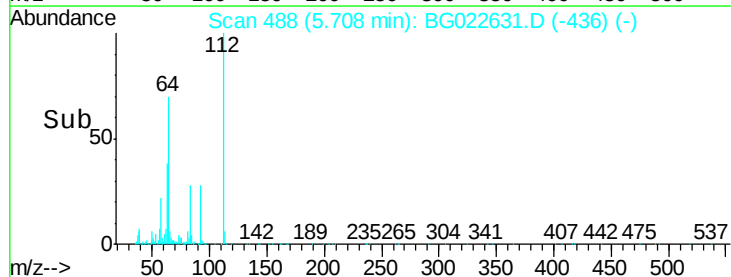
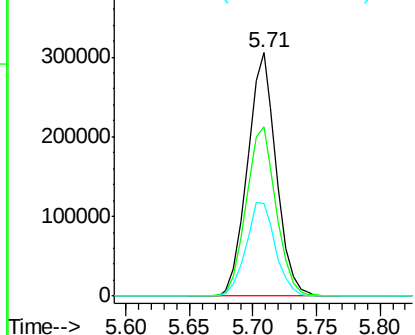
#5

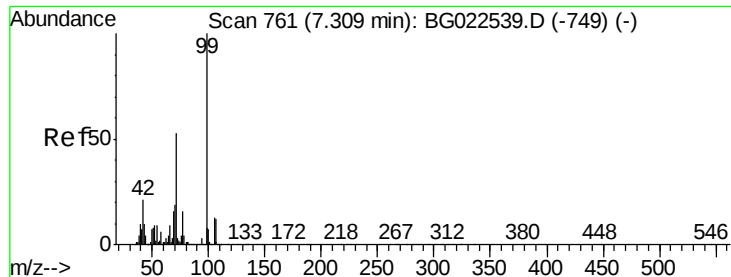
2-Fluorophenol
Concen: 54.37 ng
RT: 5.71 min Scan# 488
Delta R.T. 0.00 min
Lab File: BG022631.D
Acq: 27 Jun 2016 5:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.7	59.0	88.4
63	38.0	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: 36.25 ng

RT: 7.31 min Scan# 760

Delta R.T. 0.00 min

Lab File: BG022631.D

Acq: 27 Jun 2016 5:24

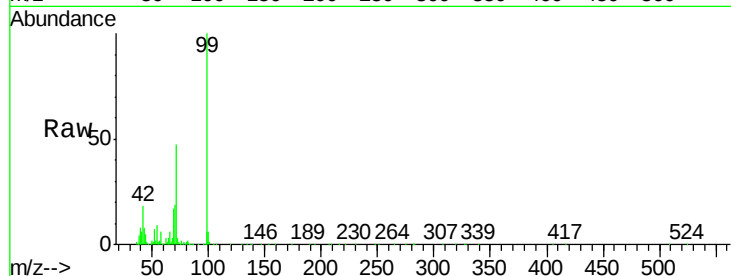
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 99 Resp: 451937

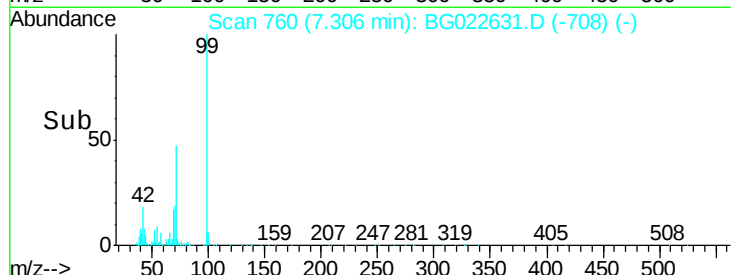
Ion	Ratio	Lower	Upper
99	100		
42	18.0	17.8	26.6
71	47.0	41.5	62.3



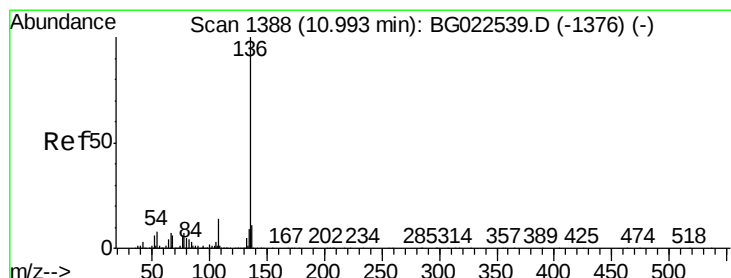
Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.98 min Scan# 1386

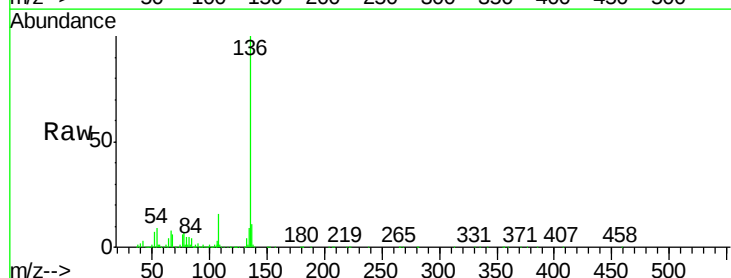
Delta R.T. -0.01 min

Lab File: BG022631.D

Acq: 27 Jun 2016 5:24

Tgt Ion: 136 Resp: 605607

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.6	14.4
54	8.7	7.3	10.9
68	6.4	5.3	7.9

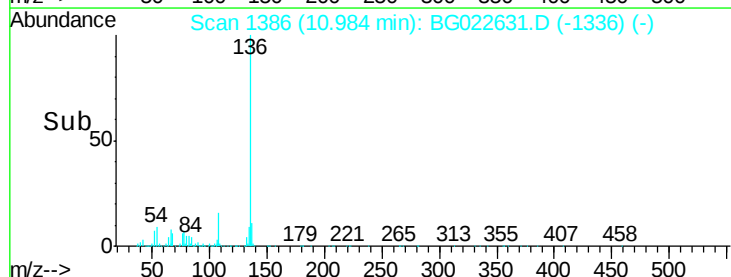


Abundance Ion 136.00 (135.70 to 136.70): BGC

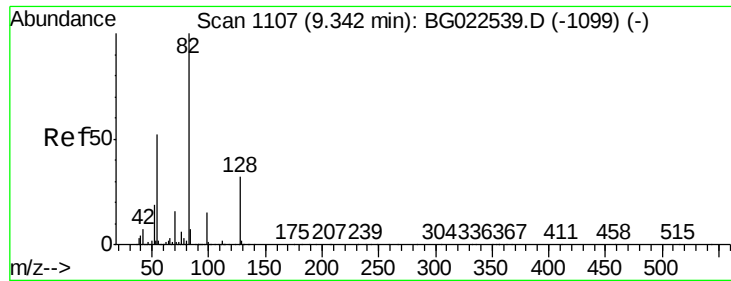
Ion 137.00 (136.70 to 137.70): BGC

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



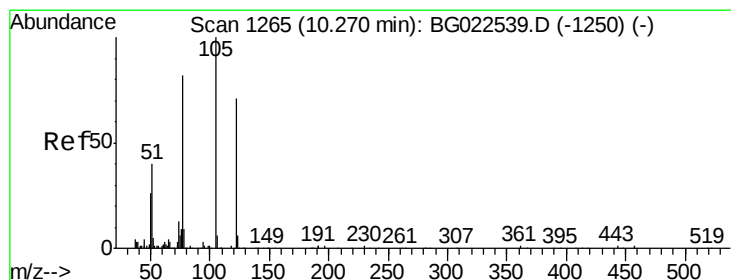
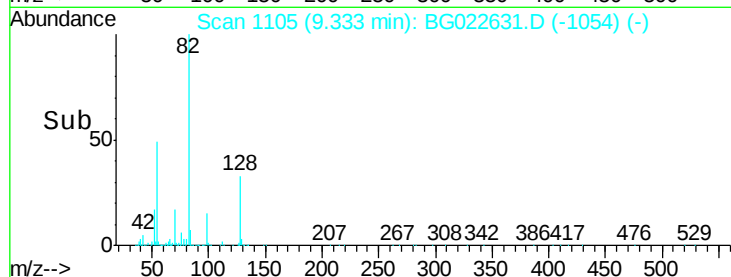
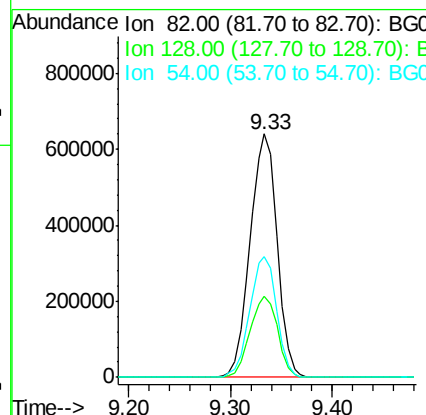
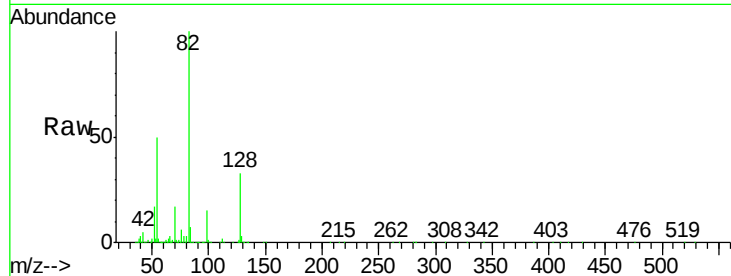
Time-->



#23
 Nitrobenzene-d5
 Concen: 82.38 ng
 RT: 9.33 min Scan# 1105
 Delta R.T. -0.00 min
 Lab File: BG022631.D
 Acq: 27 Jun 2016 5:24

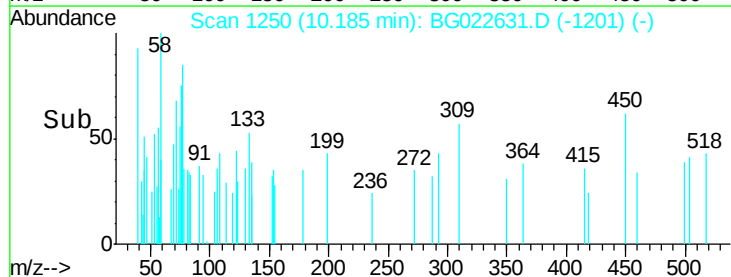
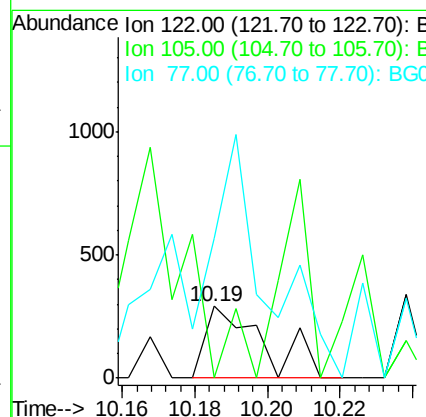
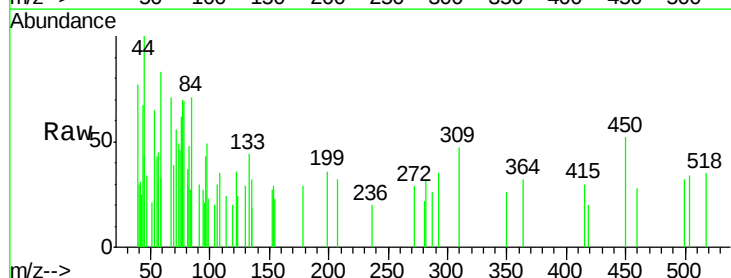
Instrument :
 BNA_G
 ClientSampleId :

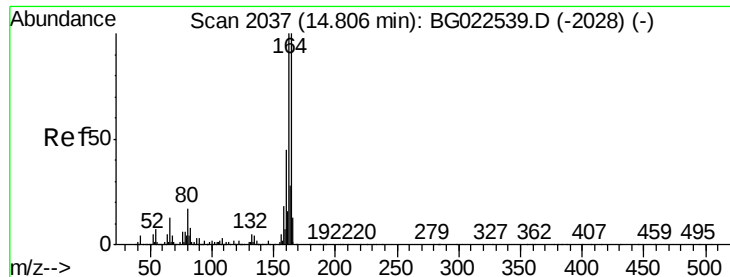
Tot Ion: 82 Resp: 1178741
 Ion Ratio Lower Upper
 82 100
 128 33.2 24.4 36.6
 54 49.5 41.4 62.0



#32
 Benzoic acid
 Concen: 5.15 ng
 RT: 10.19 min Scan# 1250
 Delta R.T. -0.01 min
 Lab File: BG022631.D
 Acq: 27 Jun 2016 5:24

Tgt Ion: 122 Resp: 321
 Ion Ratio Lower Upper
 122 100
 105 0.0 117.2 157.2#
 77 195.2 109.2 149.2#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.80 min Scan# 2035

Delta R.T. -0.00 min

Lab File: BG022631.D

Acq: 27 Jun 2016 5:24

Instrument :

BNA_G

ClientSampleId :

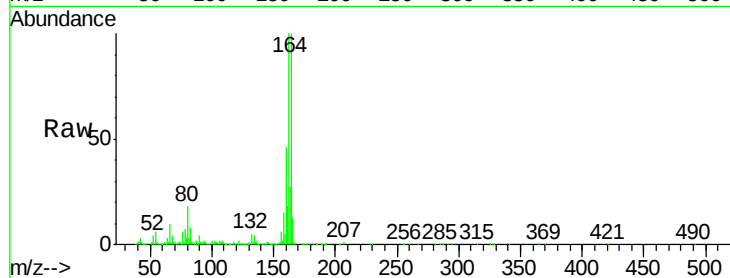
Tot Ion:164 Resp: 418789

Ion Ratio Lower Upper

164 100

162 100.4 87.7 131.5

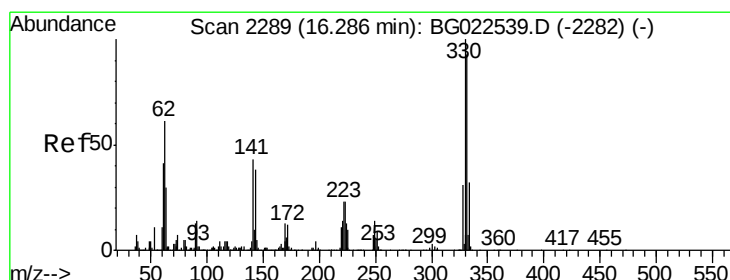
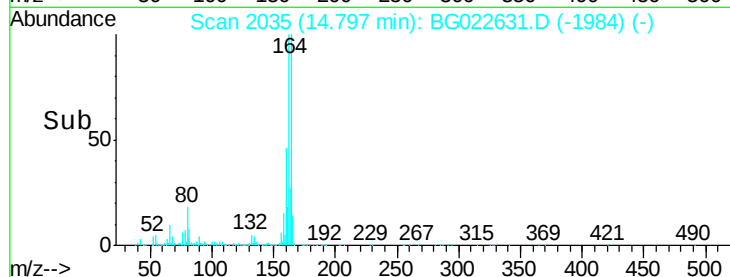
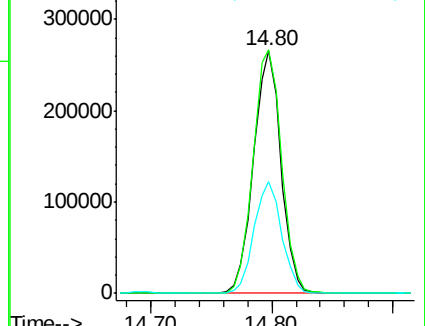
160 46.2 37.2 55.8



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: 143.14 ng

RT: 16.29 min Scan# 2289

Delta R.T. 0.00 min

Lab File: BG022631.D

Acq: 27 Jun 2016 5:24

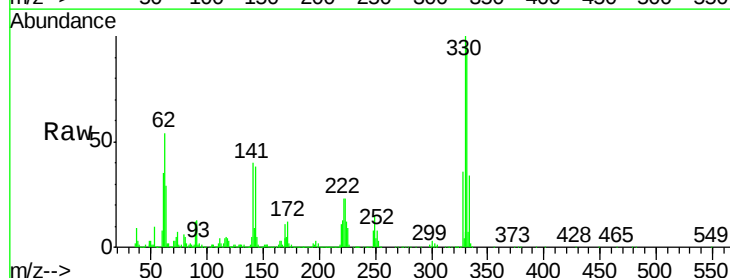
Tgt Ion:330 Resp: 942843

Ion Ratio Lower Upper

330 100

332 96.7 77.4 116.2

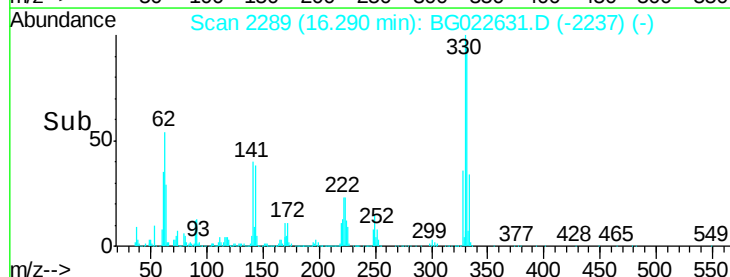
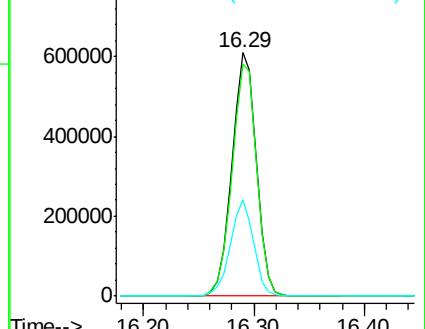
141 37.5 31.7 47.5

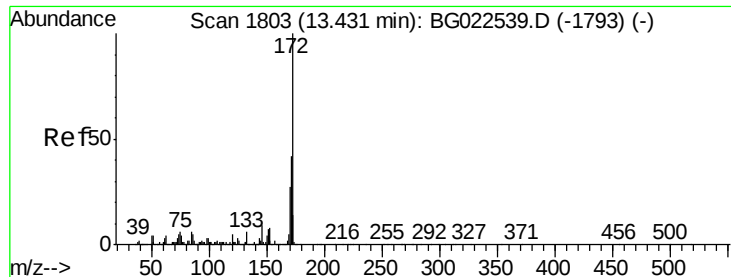


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

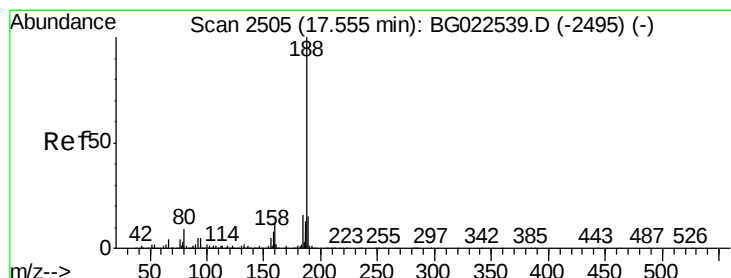
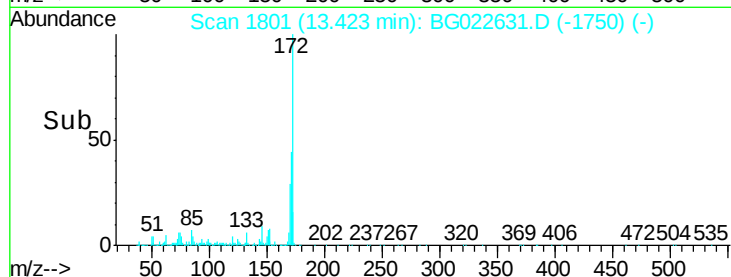
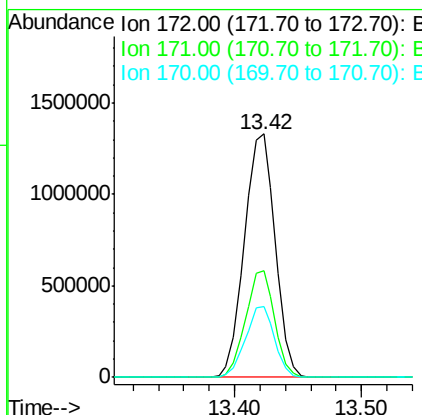
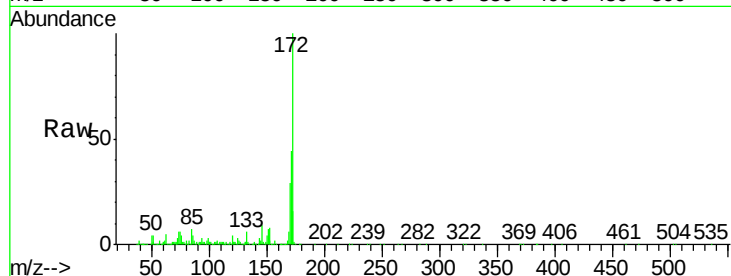




#44
2-Fluorobiphenyl
Concen: 84.83 ng
RT: 13.42 min Scan# 1801
Delta R.T. -0.00 min
Lab File: BG022631.D
Acq: 27 Jun 2016 5:24

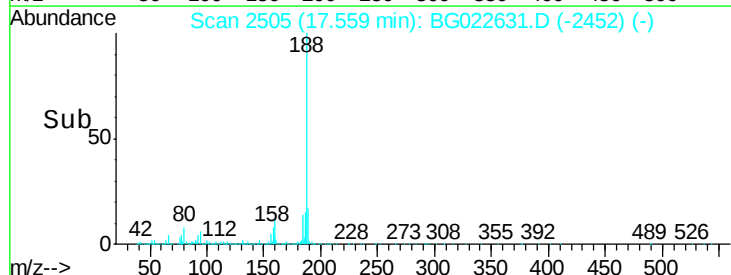
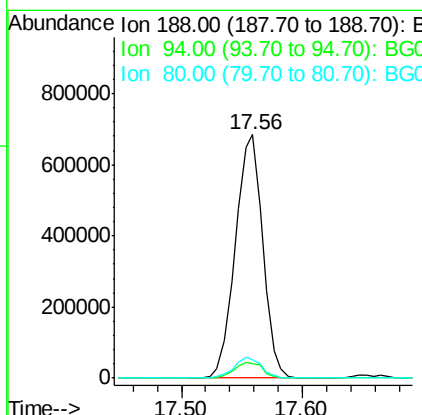
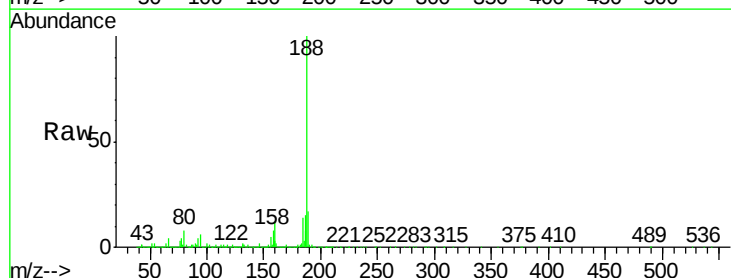
Instrument :
BNA_G
ClientSampleId :

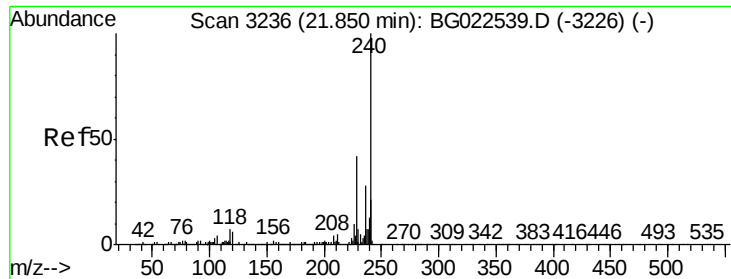
Tot Ion:172 Resp: 2240011
Ion Ratio Lower Upper
172 100
171 43.9 31.6 47.4
170 29.3 21.3 31.9



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 2505
Delta R.T. 0.01 min
Lab File: BG022631.D
Acq: 27 Jun 2016 5:24

Tgt Ion:188 Resp: 1081838
Ion Ratio Lower Upper
188 100
94 6.0 5.2 7.8
80 7.6 7.2 10.8

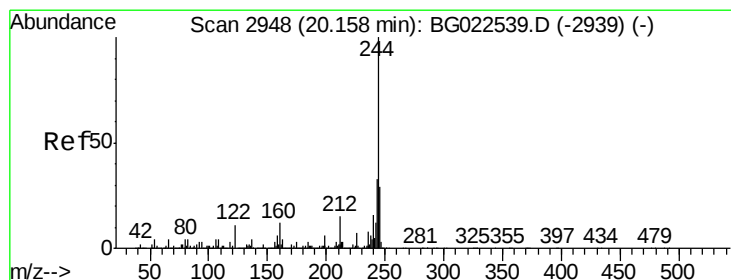
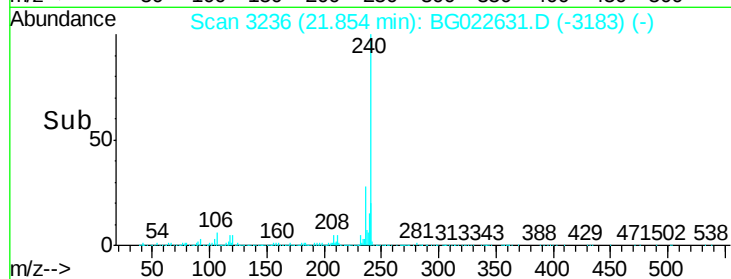
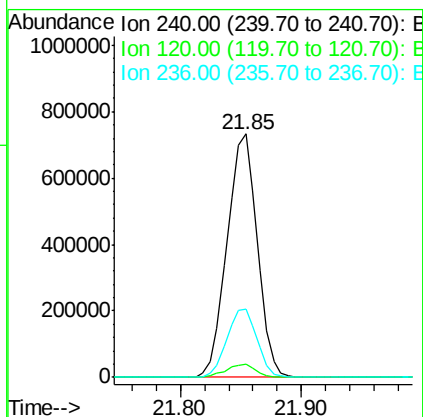
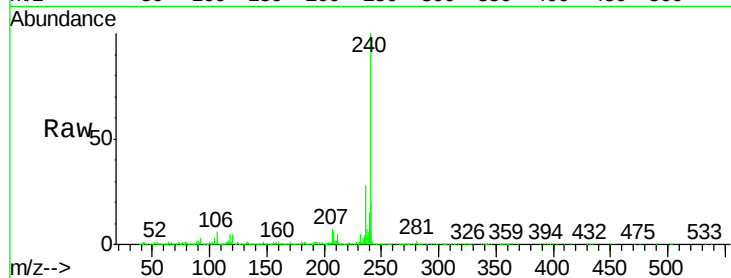




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.85 min Scan# 3236
 Delta R.T. 0.01 min
 Lab File: BG022631.D
 Acq: 27 Jun 2016 5:24

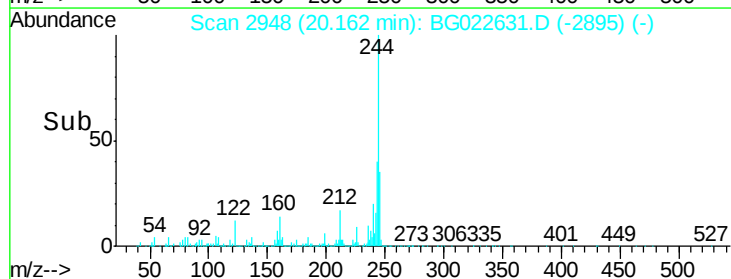
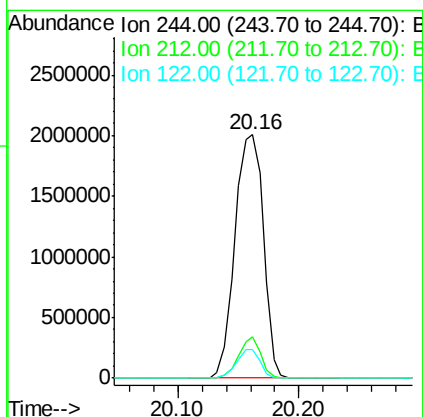
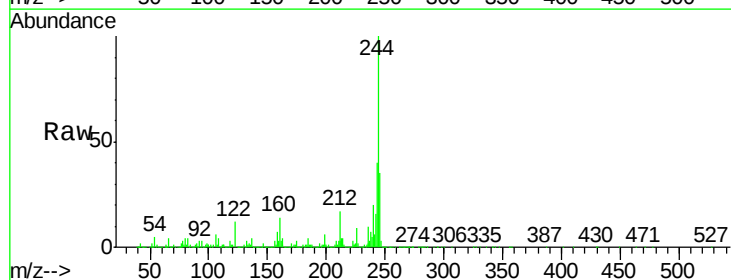
Instrument :
 BNA_G
 ClientSampleId :

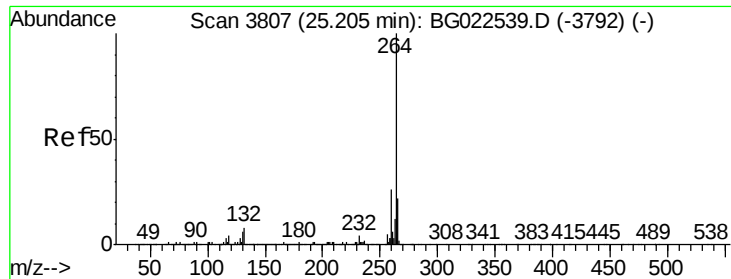
Tot Ion:240 Resp: 1272692
 Ion Ratio Lower Upper
 240 100
 120 5.4 4.1 6.1
 236 28.3 21.1 31.7



#78
 Terphenyl-d14
 Concen: 68.77 ng
 RT: 20.16 min Scan# 2948
 Delta R.T. 0.01 min
 Lab File: BG022631.D
 Acq: 27 Jun 2016 5:24

Tgt Ion:244 Resp: 3303620
 Ion Ratio Lower Upper
 244 100
 212 17.3 10.8 16.2#
 122 11.8 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: BG022631.D
Acq: 27 Jun 2016 5:24

Instrument :
BNA_G
ClientSampleId :

Tot Ion:264 Resp: 1266856

Ion	Ratio	Lower	Upper
264	100		
260	25.4	18.4	27.6
265	22.9	18.9	28.3

