

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG121417\
 Data File : BG031564.D
 Acq On : 14 Dec 2017 18:33
 Operator : SJ/JU
 Sample : PB105019BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 15 03:15:10 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG121117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 11 17:25:55 2017
 Response via : Initial Calibration

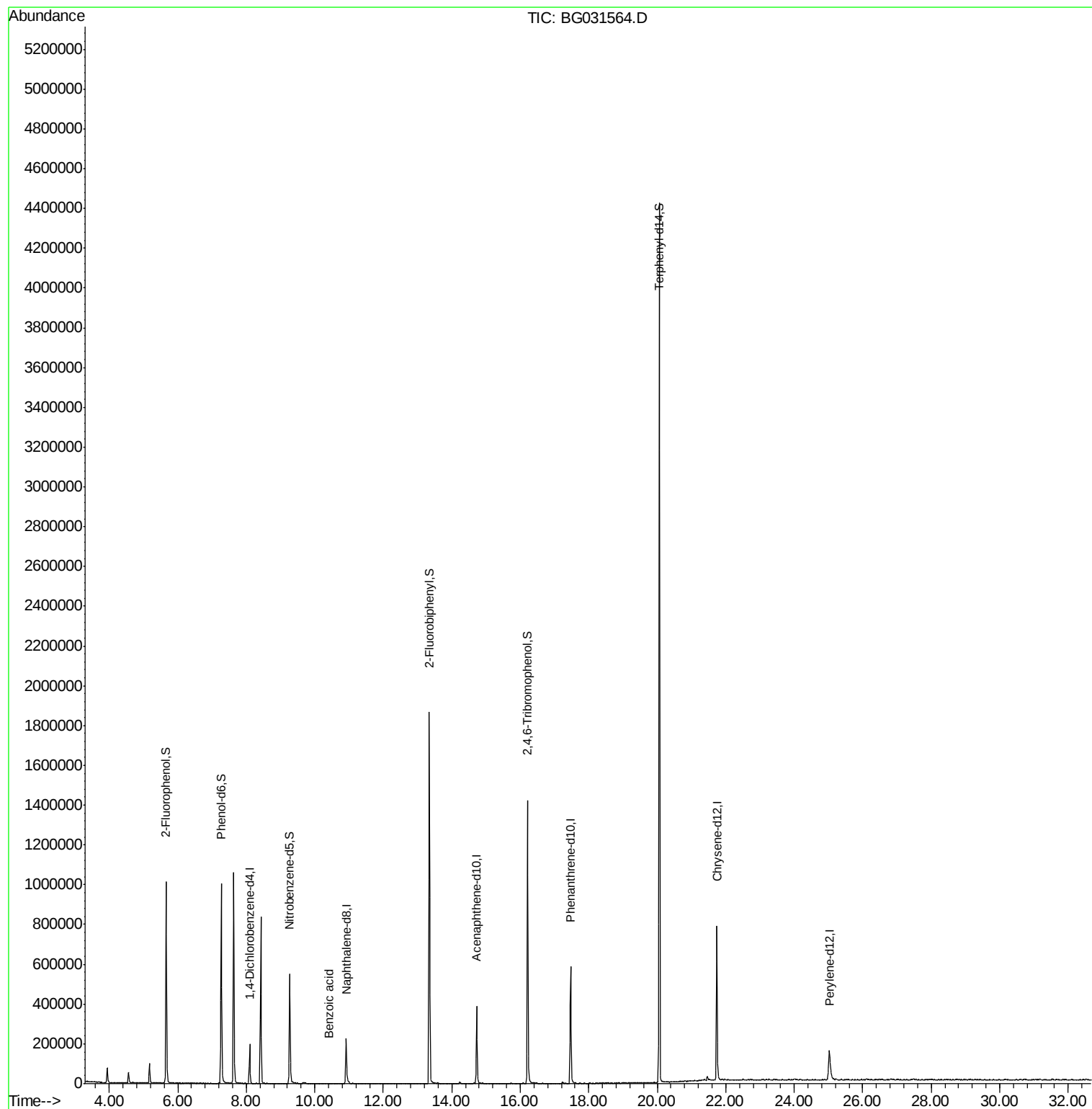
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	61652	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	259957	20.00	ng	0.00
38) Acenaphthene-d10	14.73	164	153590	20.00	ng	0.00
63) Phenanthrene-d10	17.47	188	433095	20.00	ng	0.00
75) Chrysene-d12	21.74	240	506957	20.00	ng	-0.01
86) Perylene-d12	25.02	264	127781	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	517212	148.70	ng	0.00
7) Phenol-d6	7.27	99	636116	131.74	ng	0.00
23) Nitrobenzene-d5	9.27	82	376974	89.38	ng	0.00
41) 2,4,6-Tribromophenol	16.21	330	300755	167.14	ng	0.00
44) 2-Fluorobiphenyl	13.35	172	1064448	101.73	ng	0.00
78) Terphenyl-d14	20.06	244	2072683	93.02	ng	0.00
Target Compounds						
32) Benzoic acid	10.41	122	54	6.983	ng	Qvalue # 1

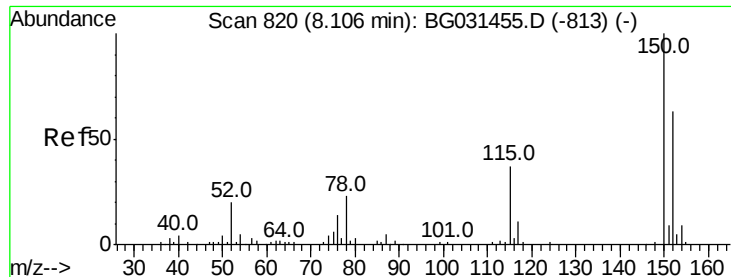
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG121417\
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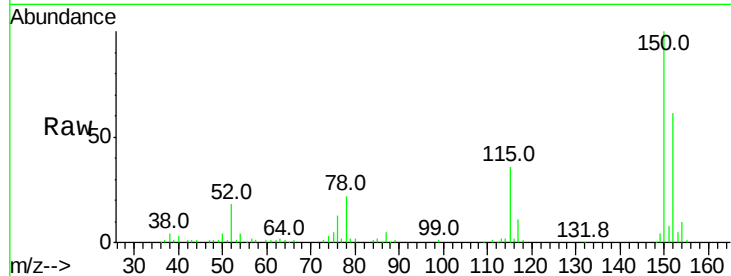


#1

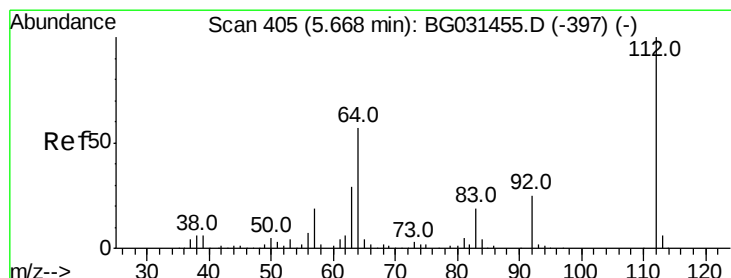
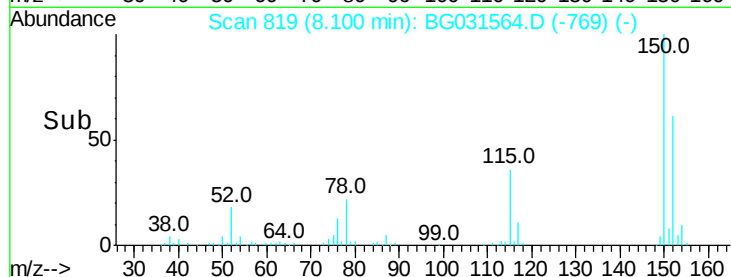
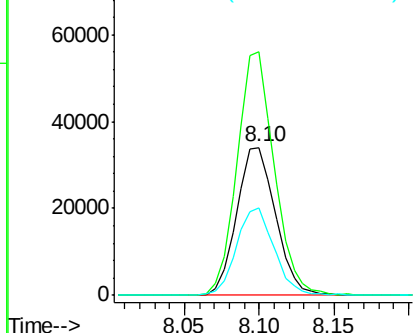
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG031564.D
Acq: 14 Dec 2017 18:33

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 61652
Ion Ratio Lower Upper
152 100
150 164.5 126.6 189.8
115 59.2 53.0 79.4



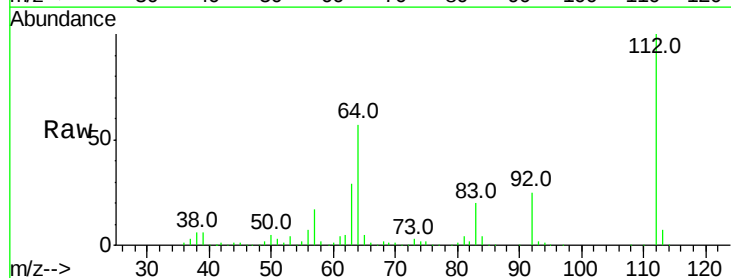
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



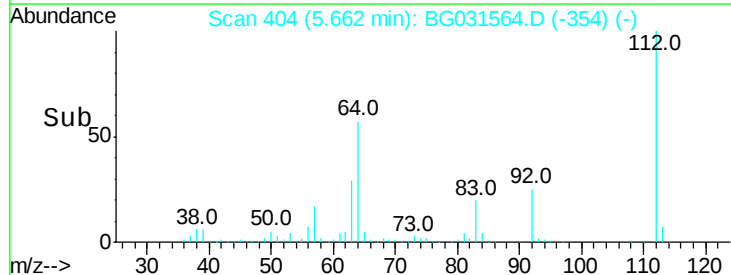
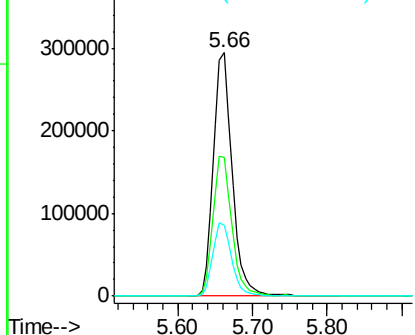
#5

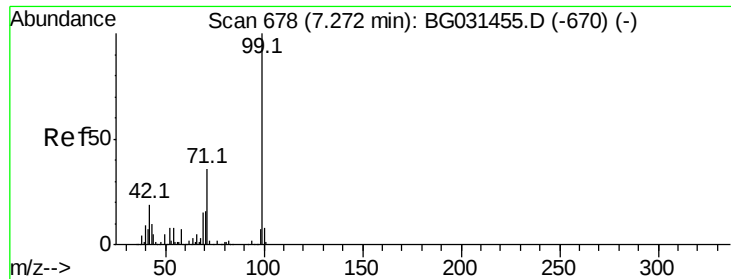
2-Fluorophenol
Concen: 148.700 ng
RT: 5.66 min Scan# 404
Delta R.T. -0.01 min
Lab File: BG031564.D
Acq: 14 Dec 2017 18:33

Tgt Ion:112 Resp: 517212
Ion Ratio Lower Upper
112 100
64 57.2 56.3 84.5
63 29.2 30.1 45.1#



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





#7

Phenol-d6

Concen: 131.740 ng

RT: 7.27 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG031564.D

Acq: 14 Dec 2017 18:33

Instrument :

BNA_G

ClientSampleId :

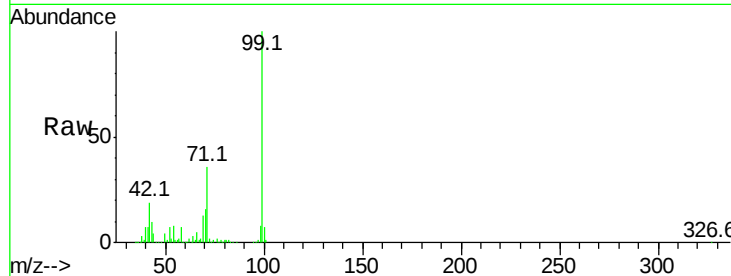
Tot Ion: 99 Resp: 636116

Ion Ratio Lower Upper

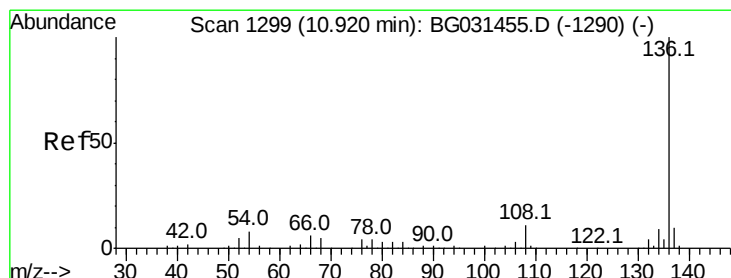
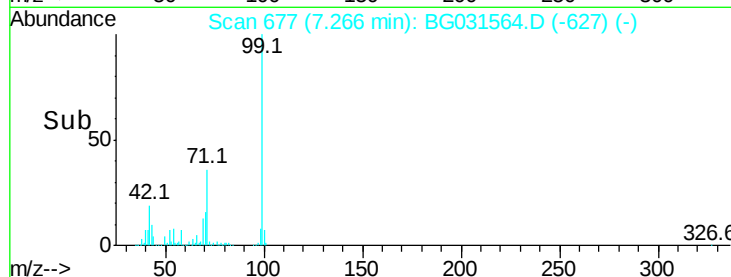
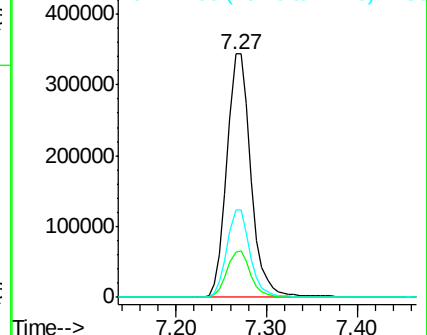
99 100

42 18.6 14.1 21.1

71 36.0 26.1 39.1



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: 20.000 ng

RT: 10.91 min Scan# 1298

Delta R.T. -0.01 min

Lab File: BG031564.D

Acq: 14 Dec 2017 18:33

Tgt Ion: 136 Resp: 259957

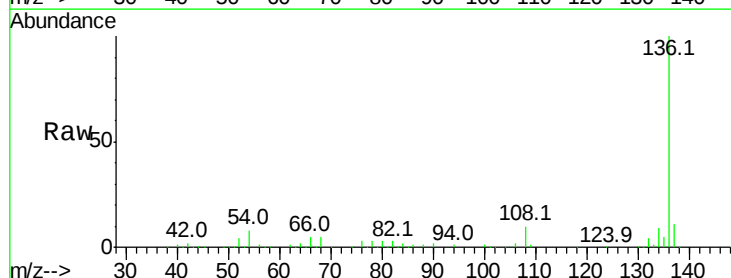
Ion Ratio Lower Upper

136 100

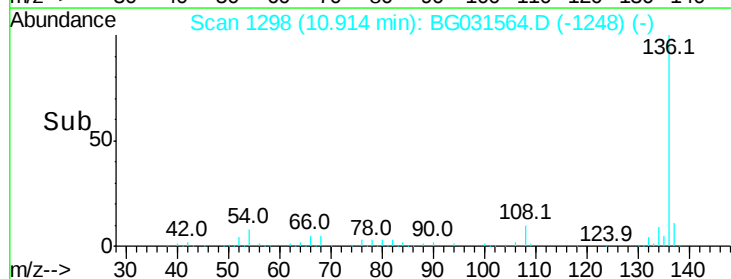
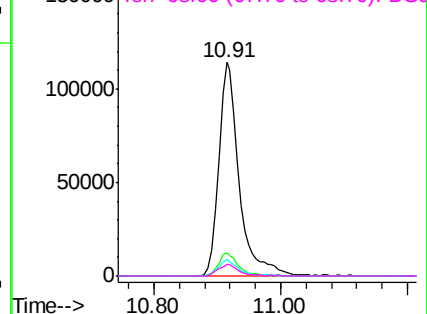
137 10.8 9.2 13.8

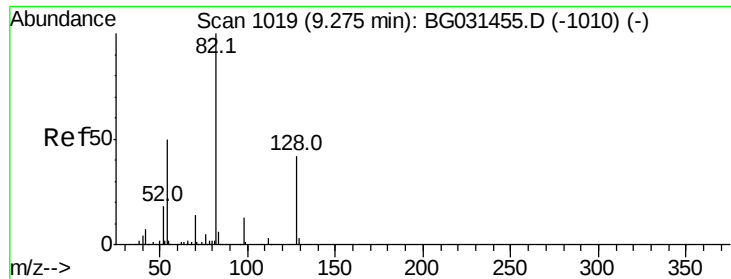
54 7.7 10.3 15.5#

68 5.4 4.5 6.7



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

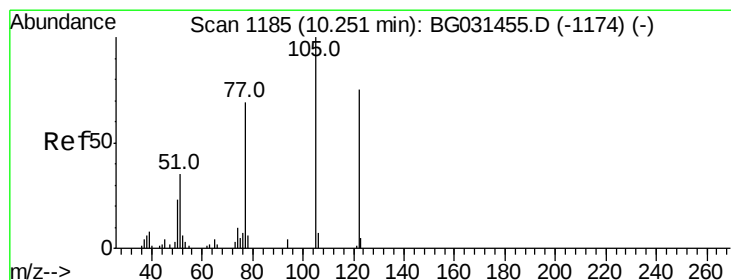
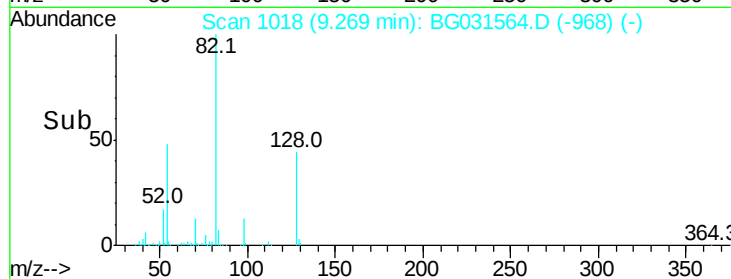
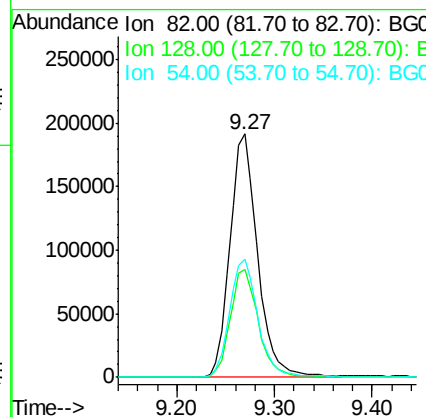
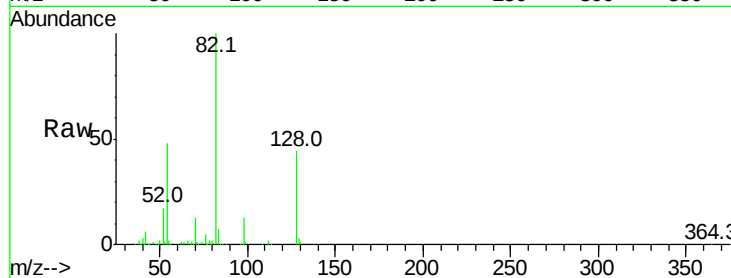




#23
Nitrobenzene-d5
Concen: 89.382 ng
RT: 9.27 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BG031564.D
Acq: 14 Dec 2017 18:33

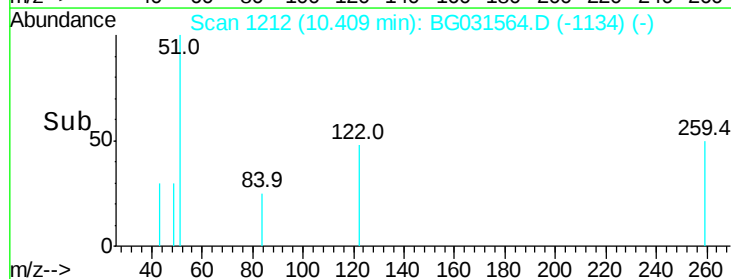
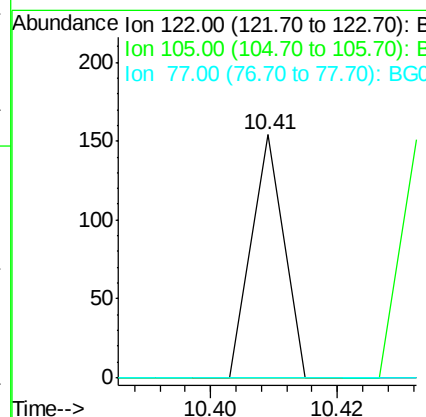
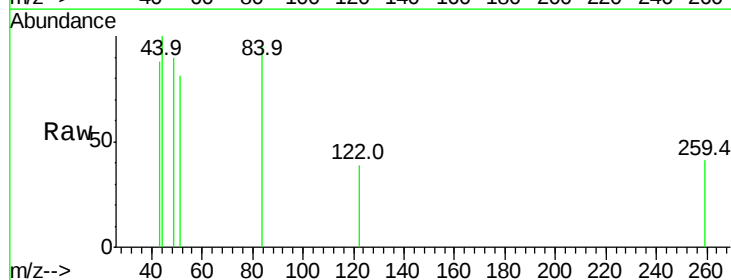
Instrument :
BNA_G
ClientSampleId :

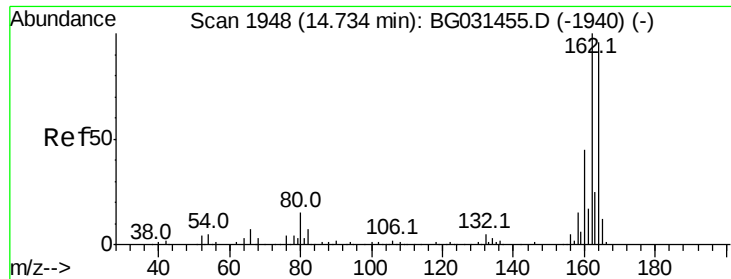
Tot Ion: 82 Resp: 376974
Ion Ratio Lower Upper
82 100
128 44.3 29.7 44.5
54 48.4 43.1 64.7



#32
Benzoic acid
Concen: 6.983 ng
RT: 10.41 min Scan# 1212
Delta R.T. 0.16 min
Lab File: BG031564.D
Acq: 14 Dec 2017 18:33

Tgt Ion: 122 Resp: 54
Ion Ratio Lower Upper
122 100
105 0.0 123.5 163.5#
77 0.0 85.7 125.7#

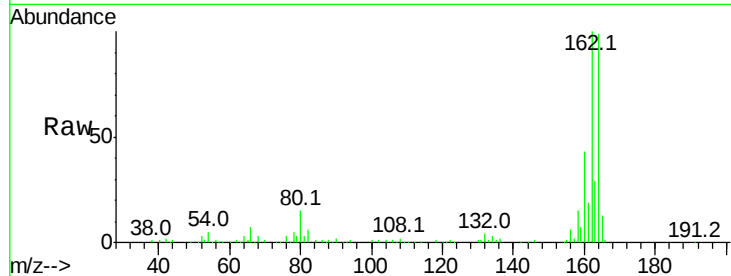




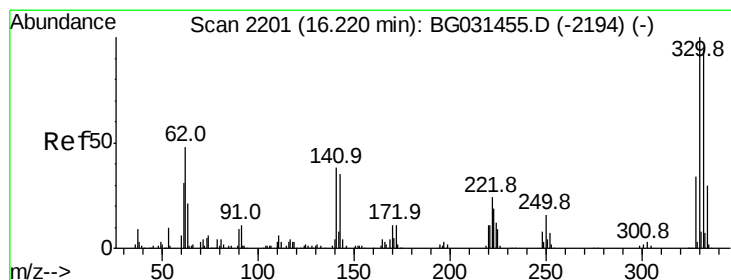
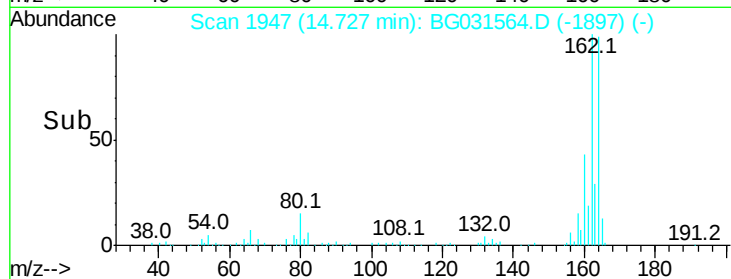
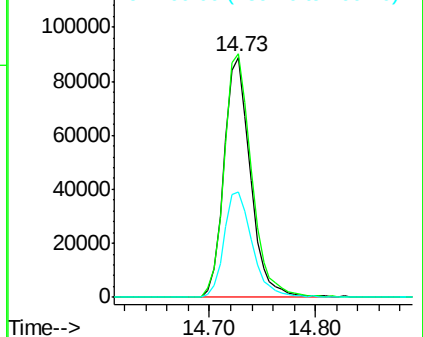
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.73 min Scan# 1947
 Delta R.T. -0.01 min
 Lab File: BG031564.D
 Acq: 14 Dec 2017 18:33

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.3	78.8	118.2
160	43.7	35.4	53.0

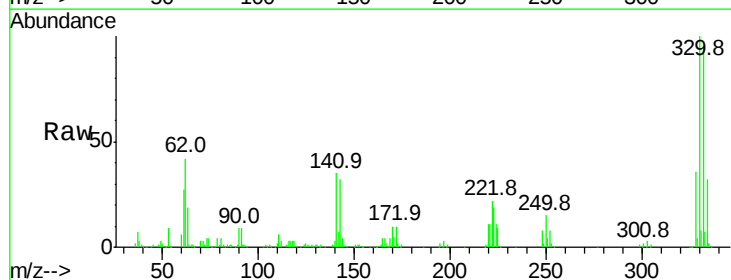


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

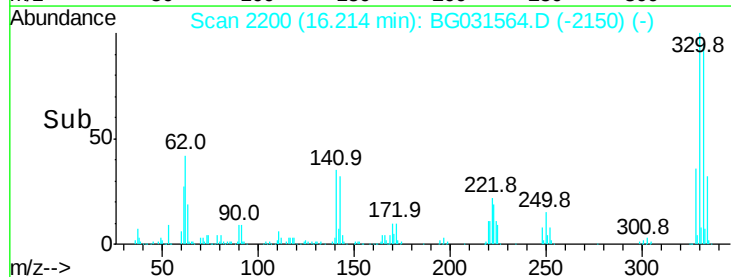
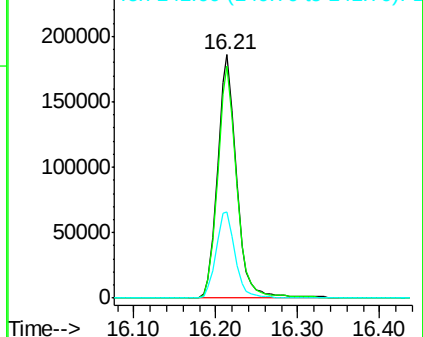


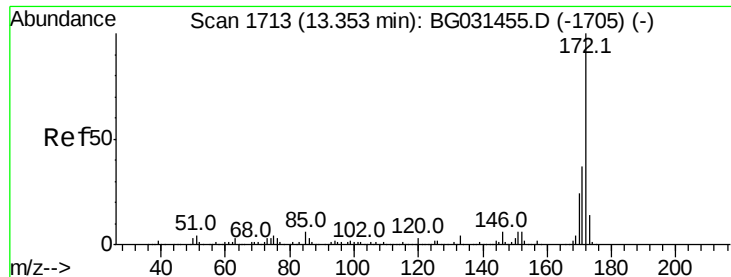
#41
 2,4,6-Tribromophenol
 Concen: 167.144 ng
 RT: 16.21 min Scan# 2200
 Delta R.T. -0.01 min
 Lab File: BG031564.D
 Acq: 14 Dec 2017 18:33

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.4	77.0	115.6
141	36.1	25.2	37.8



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

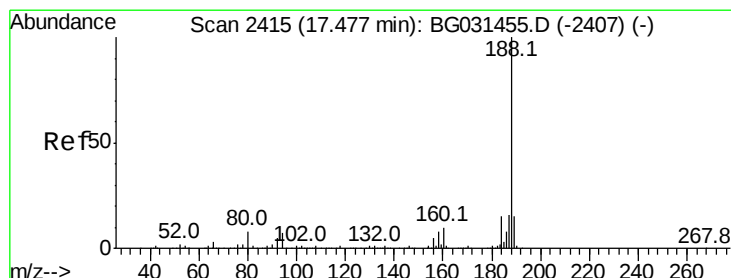
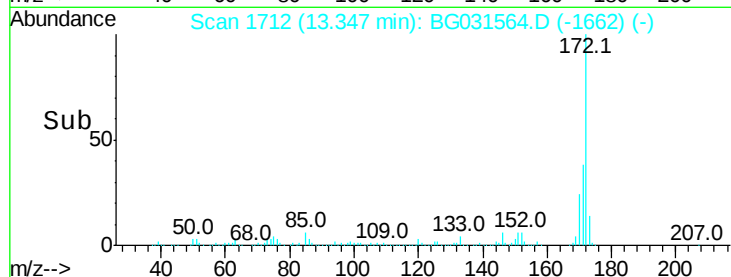
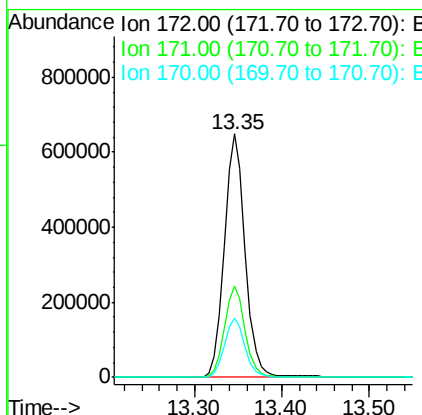
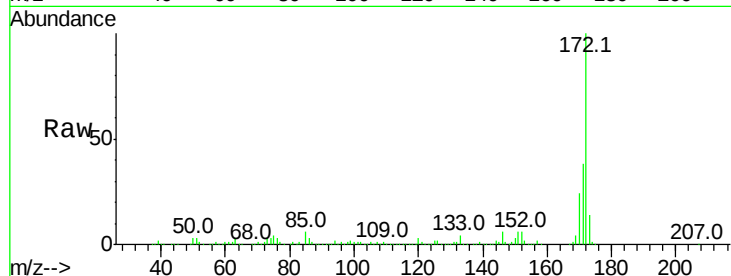




#44
2-Fluorobiphenyl
Concen: 101.730 ng
RT: 13.35 min Scan# 1712
Delta R.T. -0.01 min
Lab File: BG031564.D
Acq: 14 Dec 2017 18:33

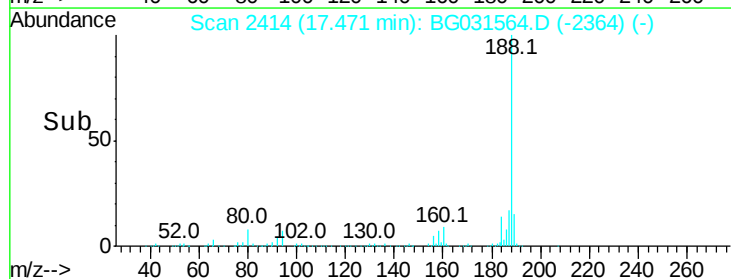
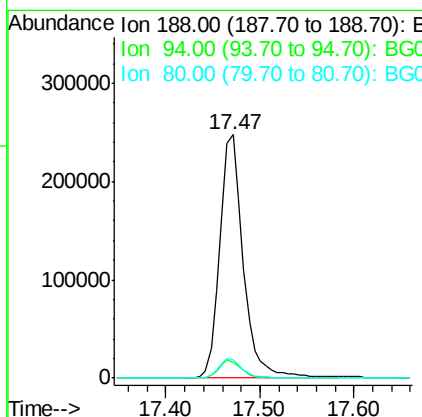
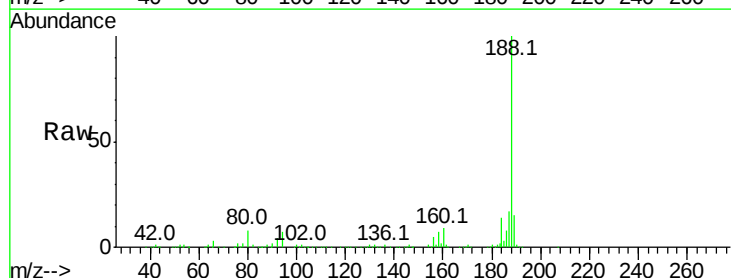
Instrument :
BNA_G
ClientSampleId :

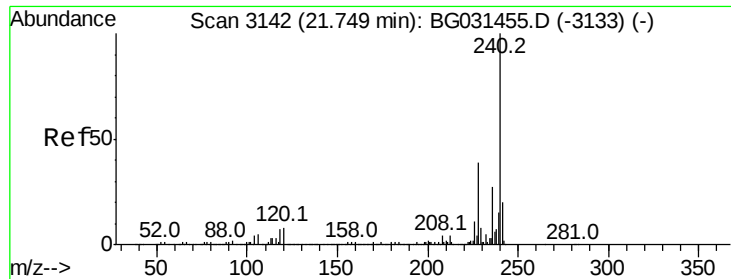
Tot Ion:172 Resp: 1064448
Ion Ratio Lower Upper
172 100
171 37.7 30.0 45.0
170 24.5 19.5 29.3



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2414
Delta R.T. -0.01 min
Lab File: BG031564.D
Acq: 14 Dec 2017 18:33

Tgt Ion:188 Resp: 433095
Ion Ratio Lower Upper
188 100
94 6.6 6.9 10.3#
80 7.5 7.7 11.5#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.74 min Scan# 3140

Delta R.T. -0.01 min

Lab File: BG031564.D

Acq: 14 Dec 2017 18:33

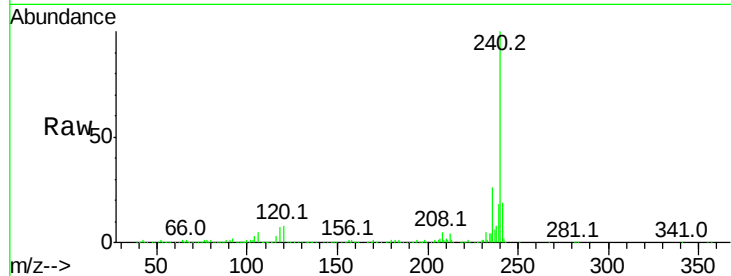
Instrument :

BNA_G

ClientSampleId :

Tot Ion:240 Resp: 506957

Ion	Ratio	Lower	Upper
240	100		
120	8.2	6.8	10.2
236	25.9	20.9	31.3

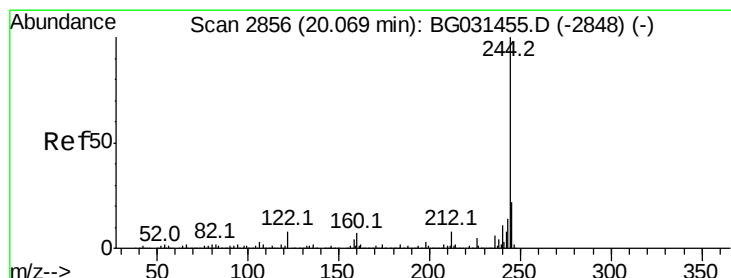
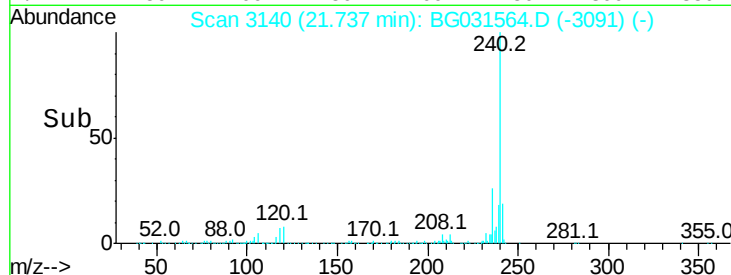
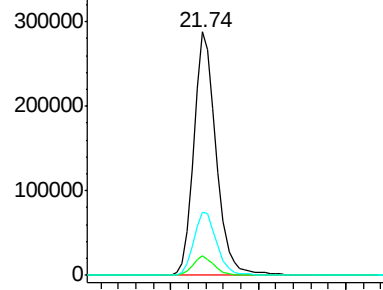


Abundance

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: 93.020 ng

RT: 20.06 min Scan# 2855

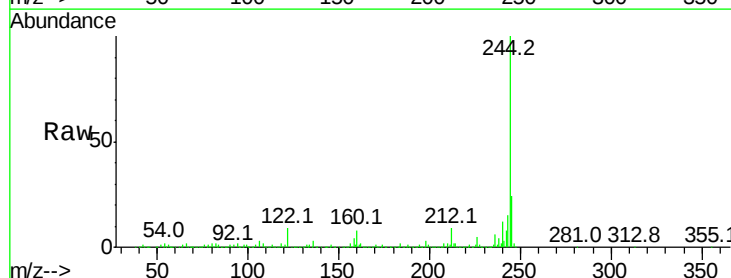
Delta R.T. -0.01 min

Lab File: BG031564.D

Acq: 14 Dec 2017 18:33

Tgt Ion:244 Resp: 2072683

Ion	Ratio	Lower	Upper
244	100		
212	8.6	5.8	8.8
122	8.6	7.0	10.4

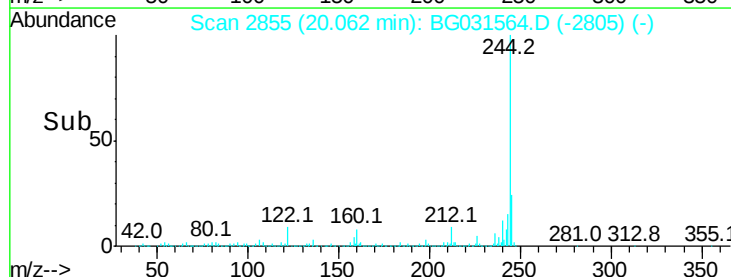
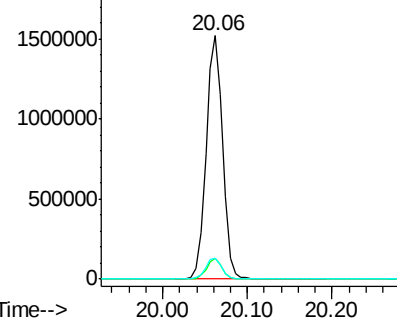


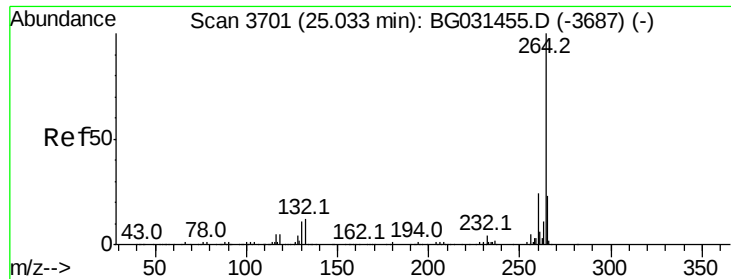
Abundance

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: 20.000 ng
RT: 25.02 min Scan# 3699
Delta R.T. -0.01 min
Lab File: BG031564.D
Acq: 14 Dec 2017 18:33

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	28.7	17.4	26.0#
265	19.7	17.7	26.5

