

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG121317\
 Data File : BG031543.D
 Acq On : 14 Dec 2017 00:45
 Operator : SJ/JU
 Sample : I6686-04
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 14 03:42:19 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

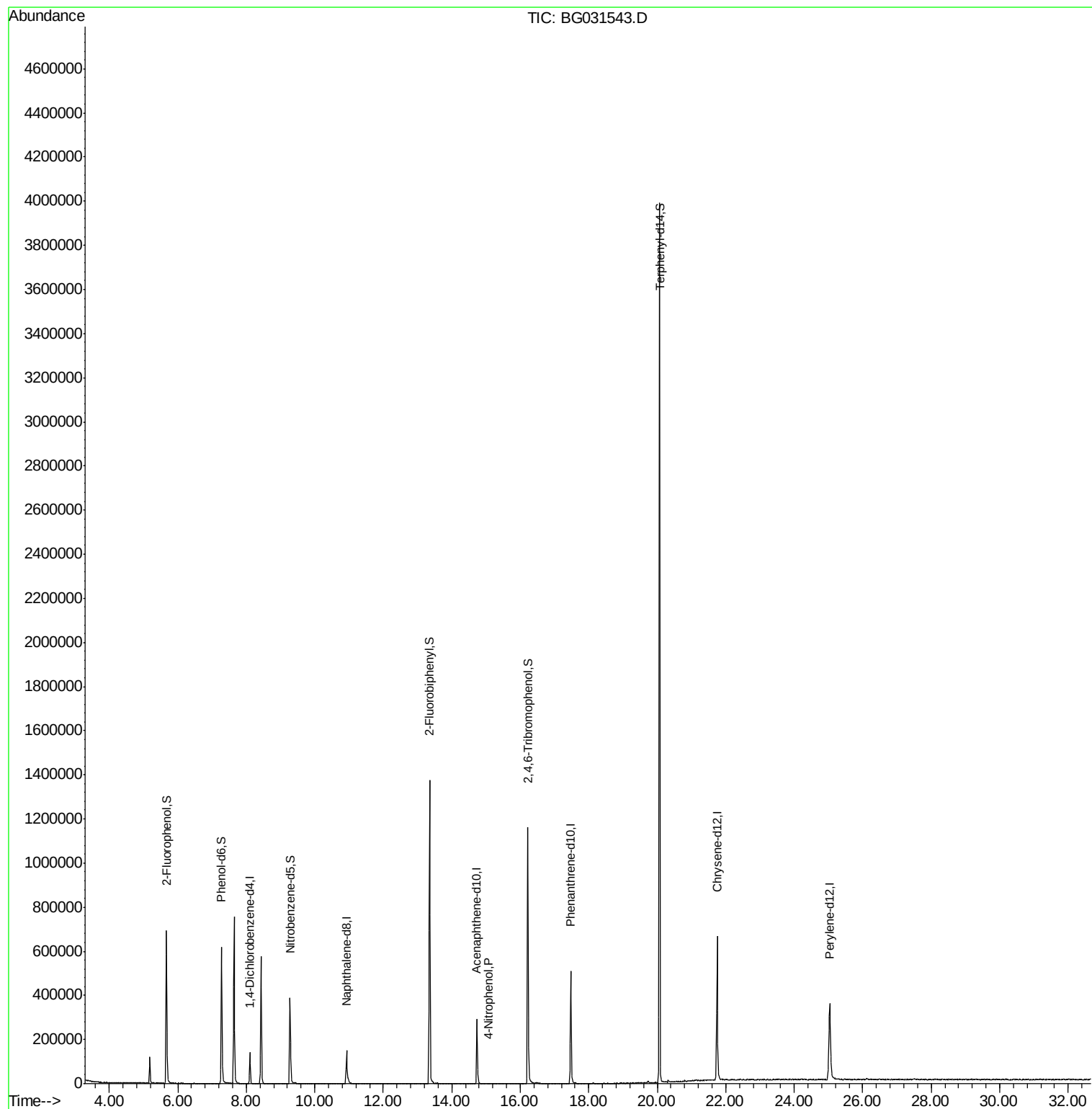
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	43498	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	181131	20.00	ng	0.00
38) Acenaphthene-d10	14.73	164	121908	20.00	ng	0.00
63) Phenanthrene-d10	17.48	188	380617	20.00	ng	0.00
75) Chrysene-d12	21.75	240	480029	20.00	ng	0.00
86) Perylene-d12	25.03	264	453283	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	357539	145.70	ng	0.00
7) Phenol-d6	7.28	99	428132	125.67	ng	0.00
23) Nitrobenzene-d5	9.28	82	281538	95.80	ng	0.00
41) 2,4,6-Tribromophenol	16.22	330	264457	185.17	ng	0.00
44) 2-Fluorobiphenyl	13.35	172	814556	98.08	ng	0.00
78) Terphenyl-d14	20.07	244	2024437	95.95	ng	0.00
Target Compounds						
55) 4-Nitrophenol	15.06	139	61	3.582	ng	Qvalue # 1

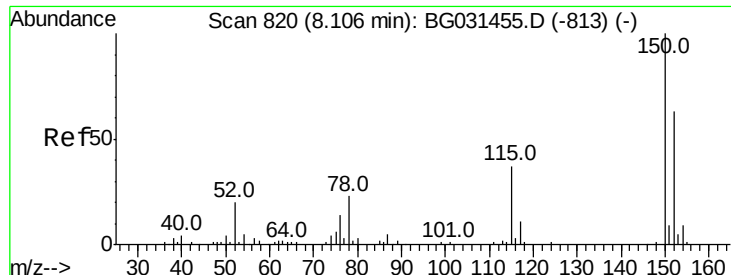
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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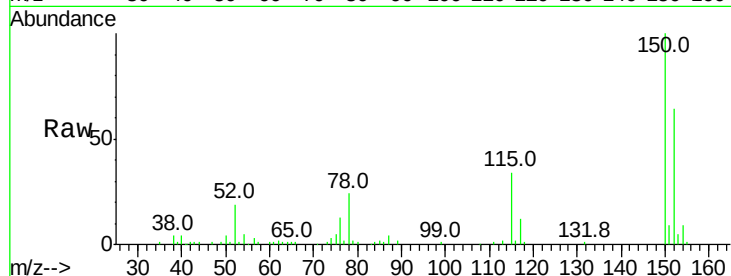


#1

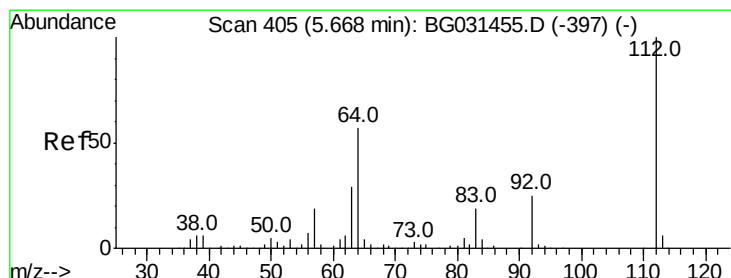
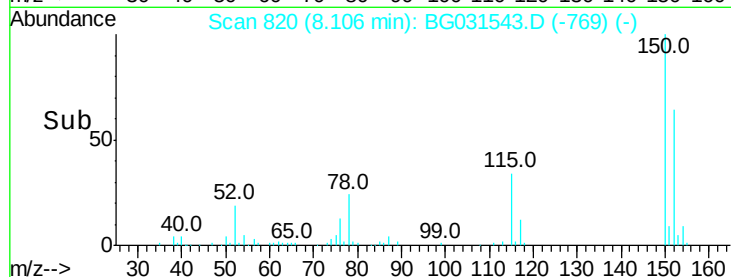
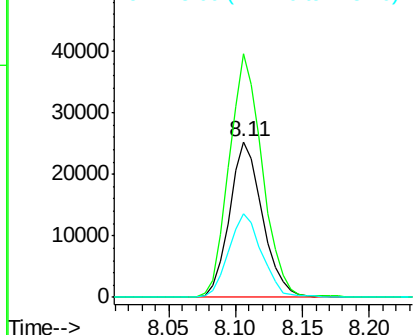
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 820
Delta R.T. -0.00 min
Lab File: BG031543.D
Acq: 14 Dec 2017 00:45

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 43498
Ion Ratio Lower Upper
152 100
150 156.3 126.6 189.8
115 53.5 53.0 79.4



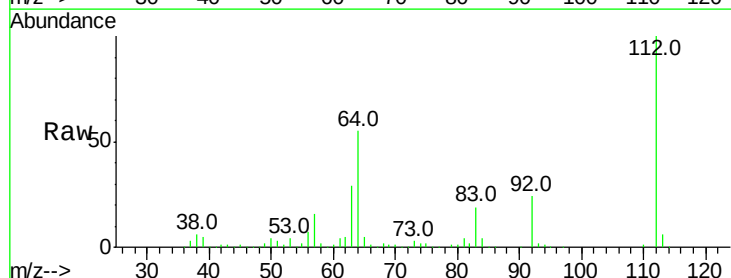
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



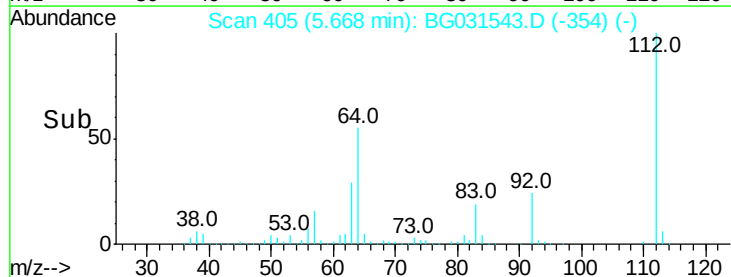
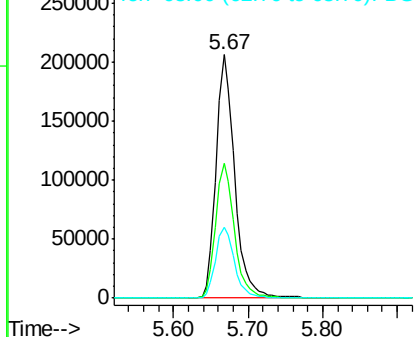
#5

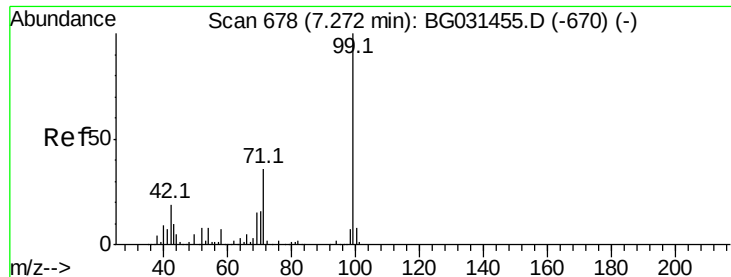
2-Fluorophenol
Concen: 145.695 ng
RT: 5.67 min Scan# 405
Delta R.T. 0.00 min
Lab File: BG031543.D
Acq: 14 Dec 2017 00:45

Tgt Ion:112 Resp: 357539
Ion Ratio Lower Upper
112 100
64 55.3 56.3 84.5#
63 29.3 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: 125.671 ng

RT: 7.28 min Scan# 679

Delta R.T. 0.01 min

Lab File: BG031543.D

Acq: 14 Dec 2017 00:45

Instrument :

BNA_G

ClientSampled :

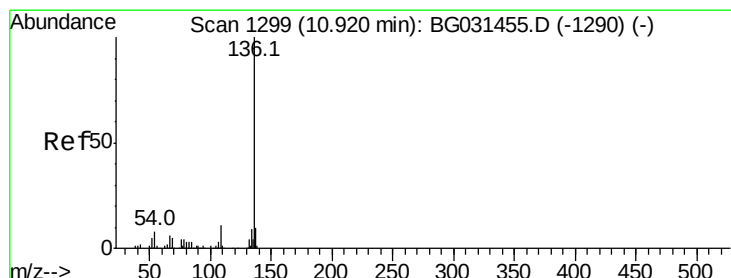
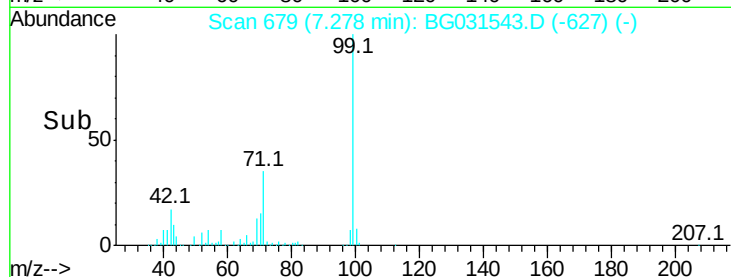
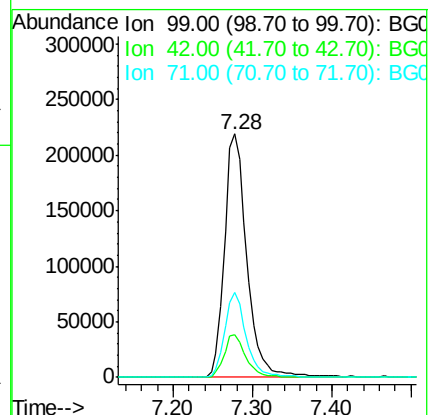
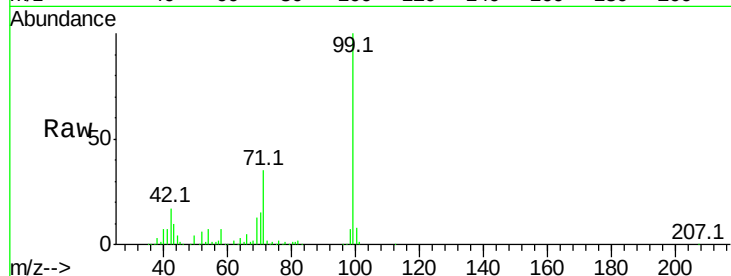
Tot Ion: 99 Resp: 428132

Ion Ratio Lower Upper

99 100

42 17.4 14.1 21.1

71 34.6 26.1 39.1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.93 min Scan# 1300

Delta R.T. 0.01 min

Lab File: BG031543.D

Acq: 14 Dec 2017 00:45

Tgt Ion: 136 Resp: 181131

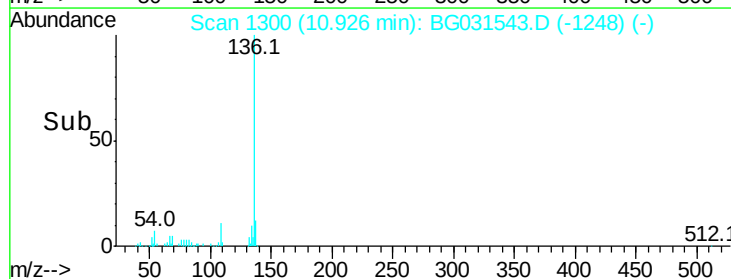
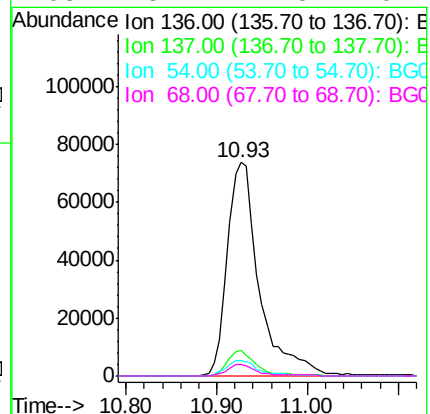
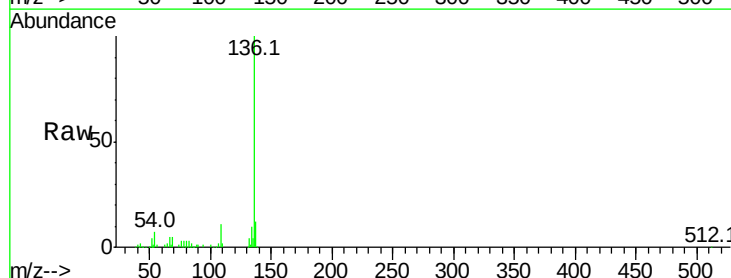
Ion Ratio Lower Upper

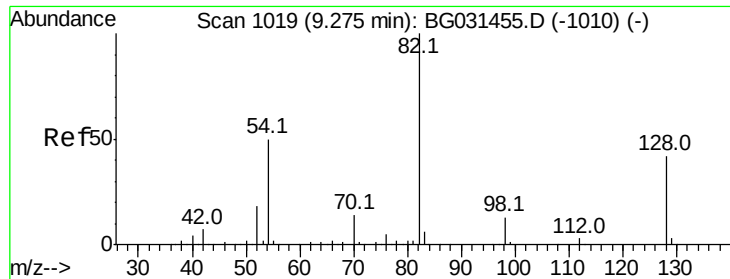
136 100

137 11.7 9.2 13.8

54 7.0 10.3 15.5#

68 5.2 4.5 6.7

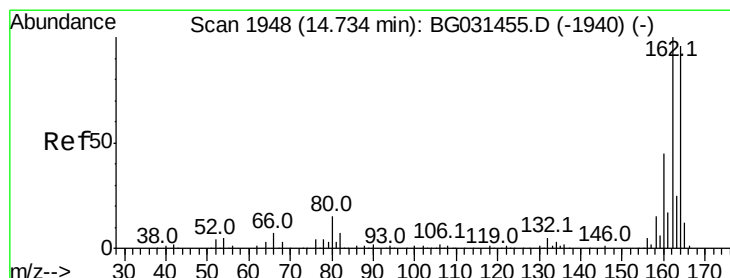
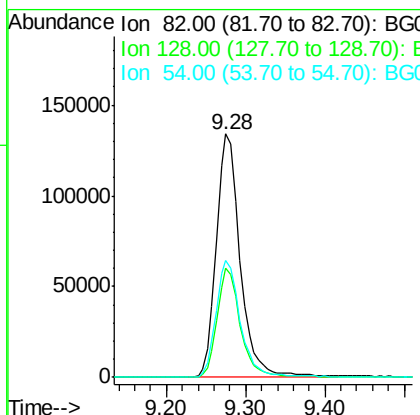
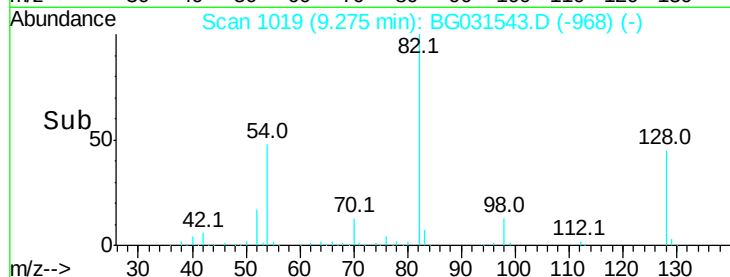
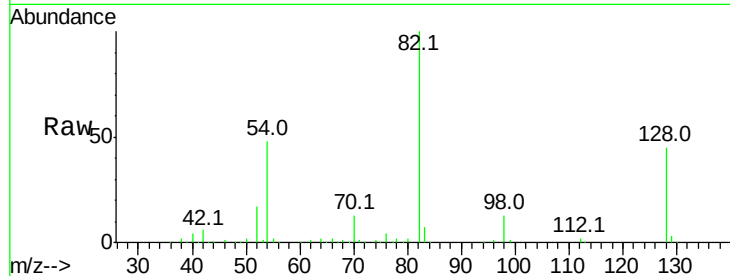




#23
Nitrobenzene-d5
Concen: 95.804 ng
RT: 9.28 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BG031543.D
Acq: 14 Dec 2017 00:45

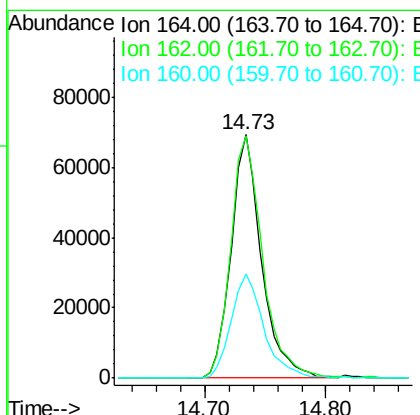
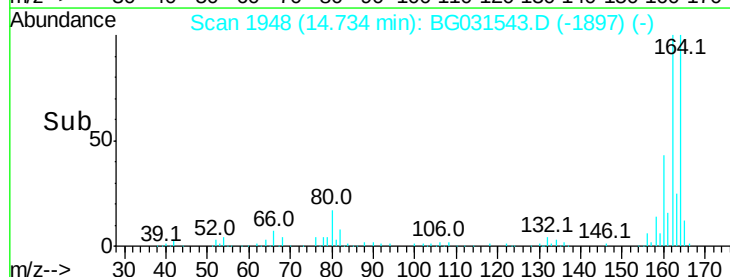
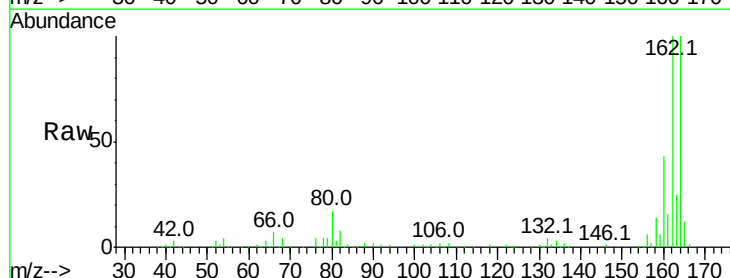
Instrument :
BNA_G
ClientSampleId :

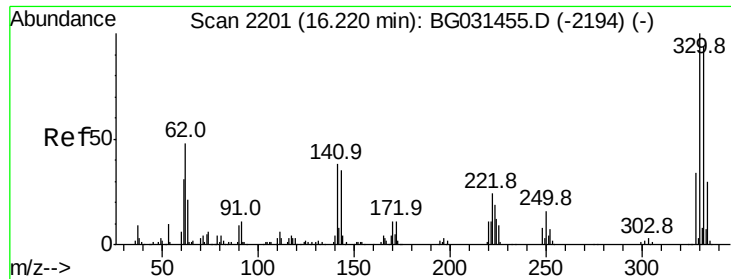
Tot Ion: 82 Resp: 281538
Ion Ratio Lower Upper
82 100
128 44.9 29.7 44.5#
54 48.2 43.1 64.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1948
Delta R.T. -0.00 min
Lab File: BG031543.D
Acq: 14 Dec 2017 00:45

Tgt Ion:164 Resp: 121908
Ion Ratio Lower Upper
164 100
162 99.7 78.8 118.2
160 42.9 35.4 53.0

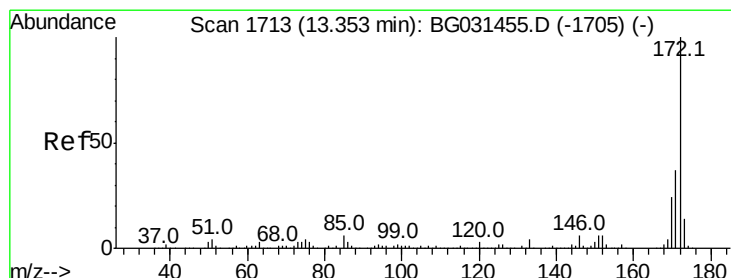
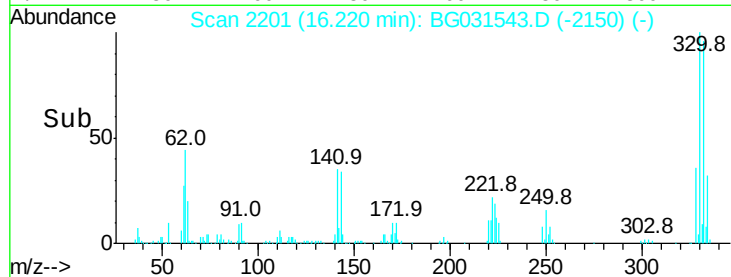
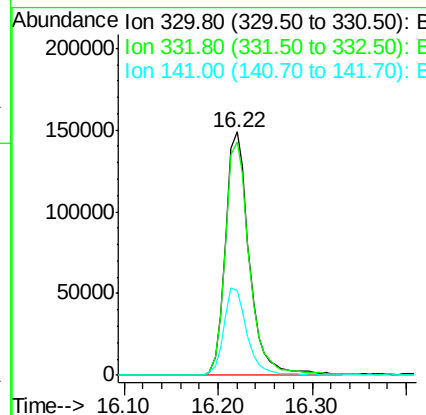
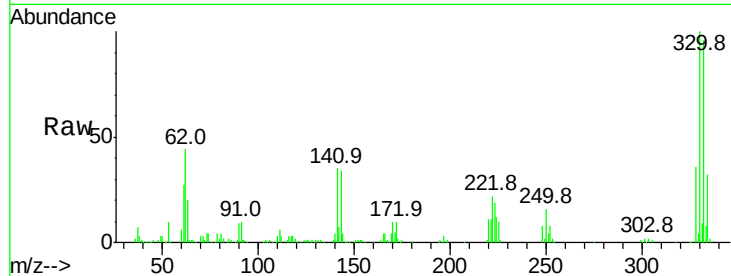




#41
 2,4,6-Tribromophenol
 Concen: 185.168 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. -0.00 min
 Lab File: BG031543.D
 Acq: 14 Dec 2017 00:45

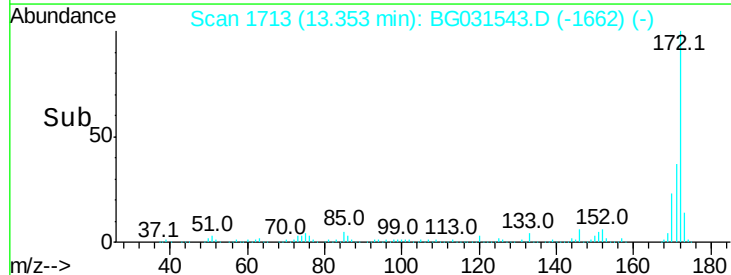
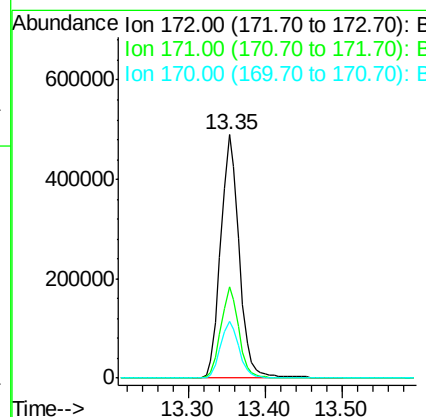
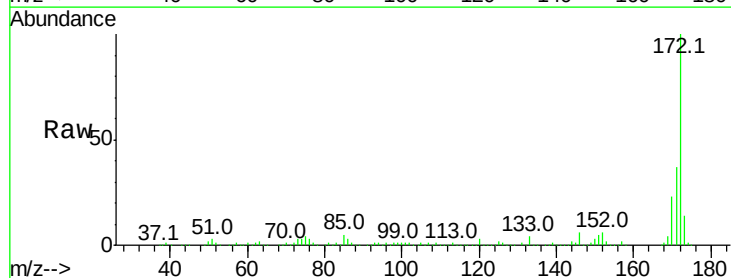
Instrument :
 BNA_G
 ClientSampleId :

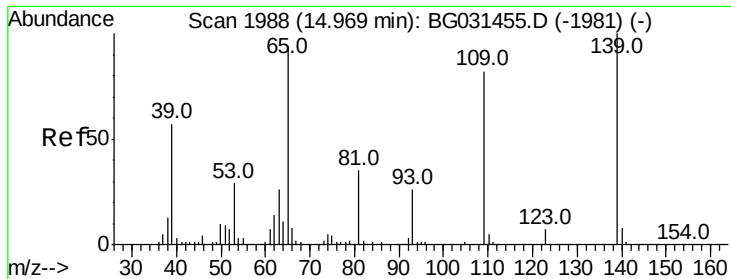
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.0	115.6
141	34.7	25.2	37.8



#44
 2-Fluorobiphenyl
 Concen: 98.079 ng
 RT: 13.35 min Scan# 1713
 Delta R.T. -0.00 min
 Lab File: BG031543.D
 Acq: 14 Dec 2017 00:45

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	30.0	45.0
170	23.2	19.5	29.3

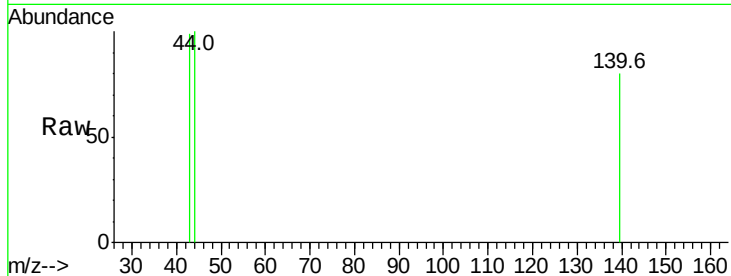




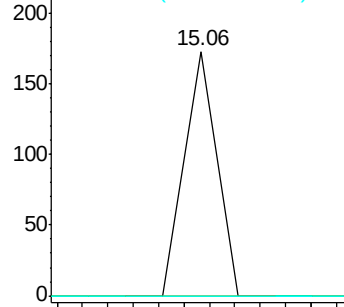
#55
4-Nitrophenol
Concen: 3.582 ng
RT: 15.06 min Scan# 2004
Delta R.T. 0.09 min
Lab File: BG031543.D
Acq: 14 Dec 2017 00:45

Instrument :
BNA_G
ClientSampleId :

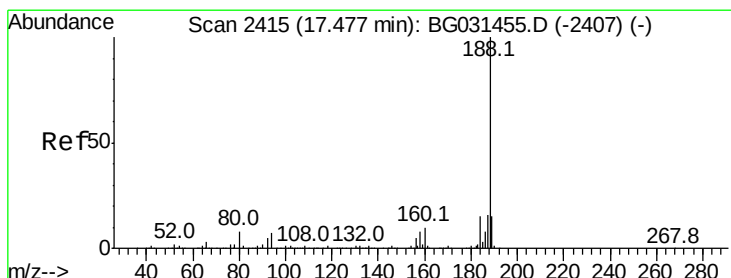
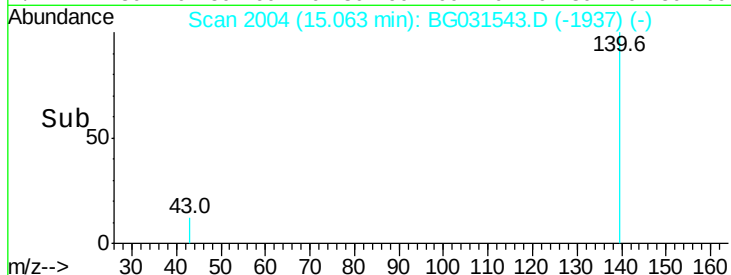
Tot Ion:139 Resp: 61
Ion Ratio Lower Upper
139 100
109 0.0 62.2 102.2#
65 0.0 97.2 137.2#



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BGC

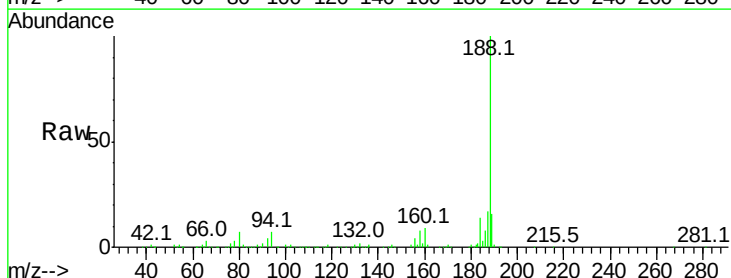


Time--> 15.04 15.06 15.08

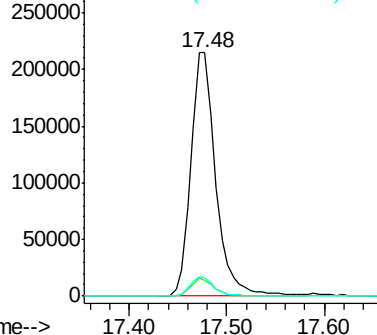


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2415
Delta R.T. -0.00 min
Lab File: BG031543.D
Acq: 14 Dec 2017 00:45

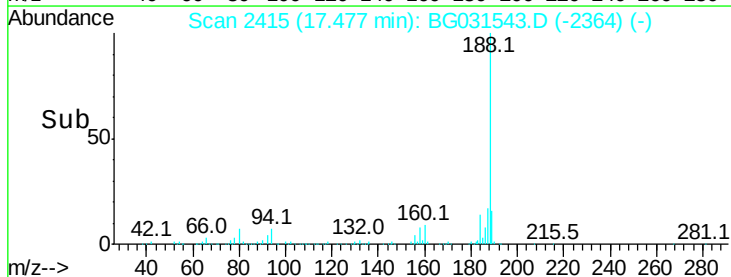
Tgt Ion:188 Resp: 380617
Ion Ratio Lower Upper
188 100
94 6.5 6.9 10.3#
80 7.4 7.7 11.5#

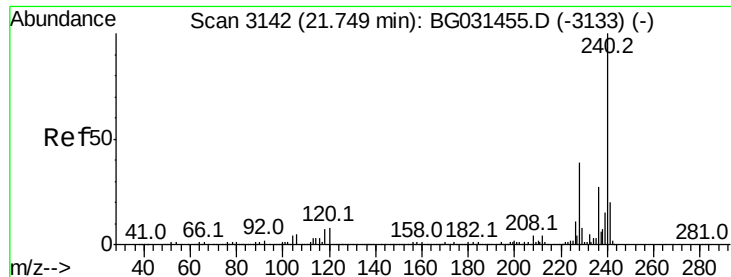


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC



Time--> 17.40 17.50 17.60





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.75 min Scan# 3142

Delta R.T. -0.00 min

Lab File: BG031543.D

Acq: 14 Dec 2017 00:45

Instrument :

BNA_G

ClientSampleId :

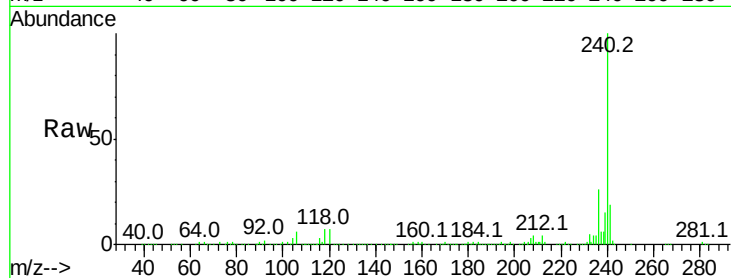
Tot Ion:240 Resp: 480029

Ion Ratio Lower Upper

240 100

120 7.2 6.8 10.2

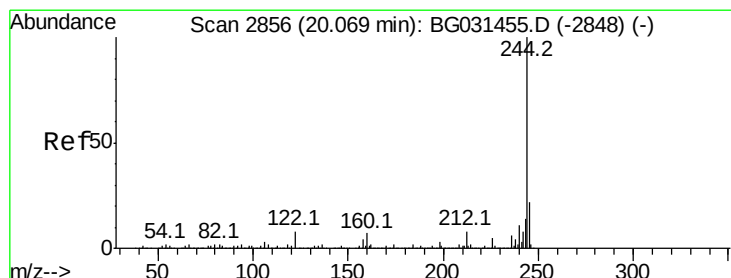
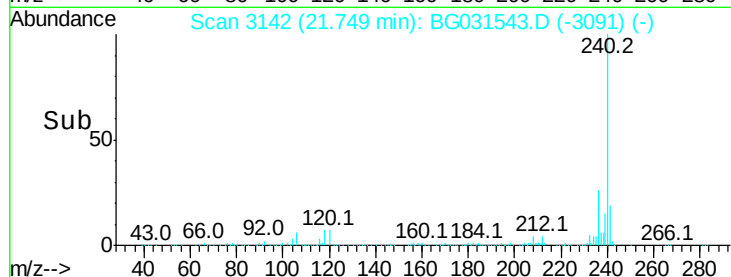
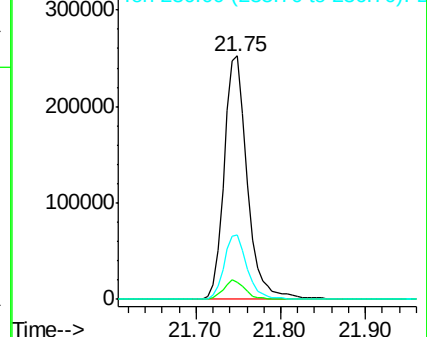
236 26.3 20.9 31.3



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: 95.951 ng

RT: 20.07 min Scan# 2856

Delta R.T. -0.00 min

Lab File: BG031543.D

Acq: 14 Dec 2017 00:45

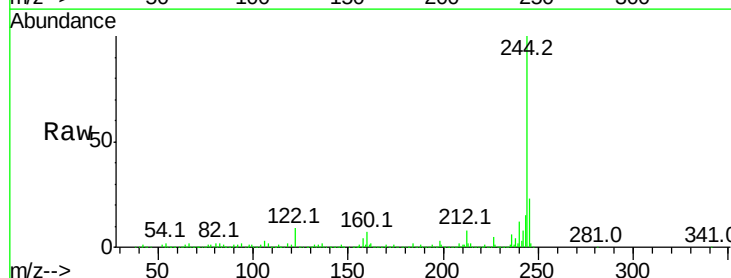
Tgt Ion:244 Resp: 2024437

Ion Ratio Lower Upper

244 100

212 8.4 5.8 8.8

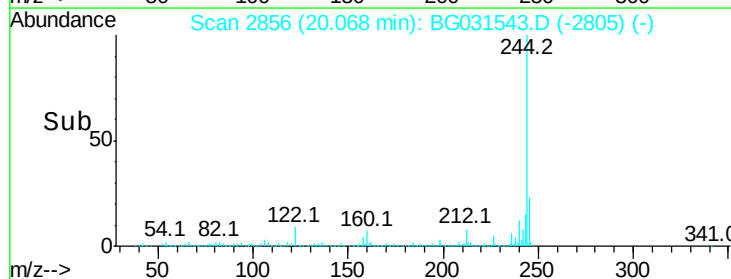
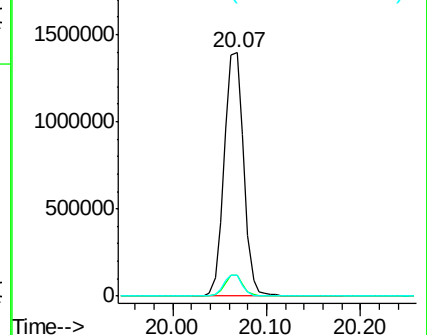
122 8.7 7.0 10.4

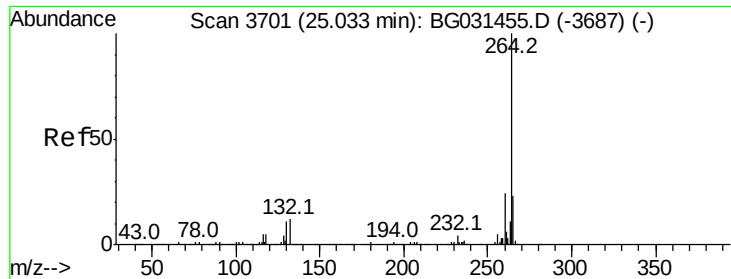


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

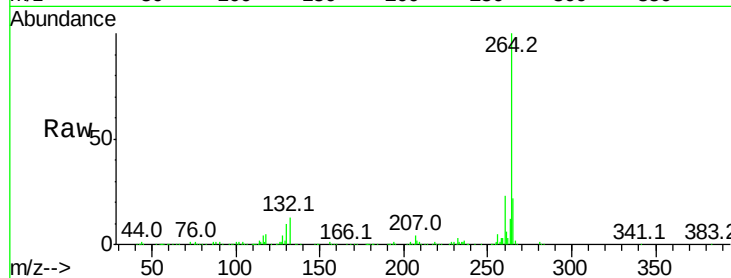




#86
Pervlene-d12
Concen: 20.000 ng
RT: 25.03 min Scan# 3701
Delta R.T. -0.00 min
Lab File: BG031543.D
Acq: 14 Dec 2017 00:45

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.6	17.4	26.0
265	21.5	17.7	26.5



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

