

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121217\
 Data File : BG031514.D
 Acq On : 13 Dec 2017 5:33
 Operator : SJ/JU
 Sample : I6868-03
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RBR-251683-RBR-400031-2428

Quant Time: Dec 13 07:00:38 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

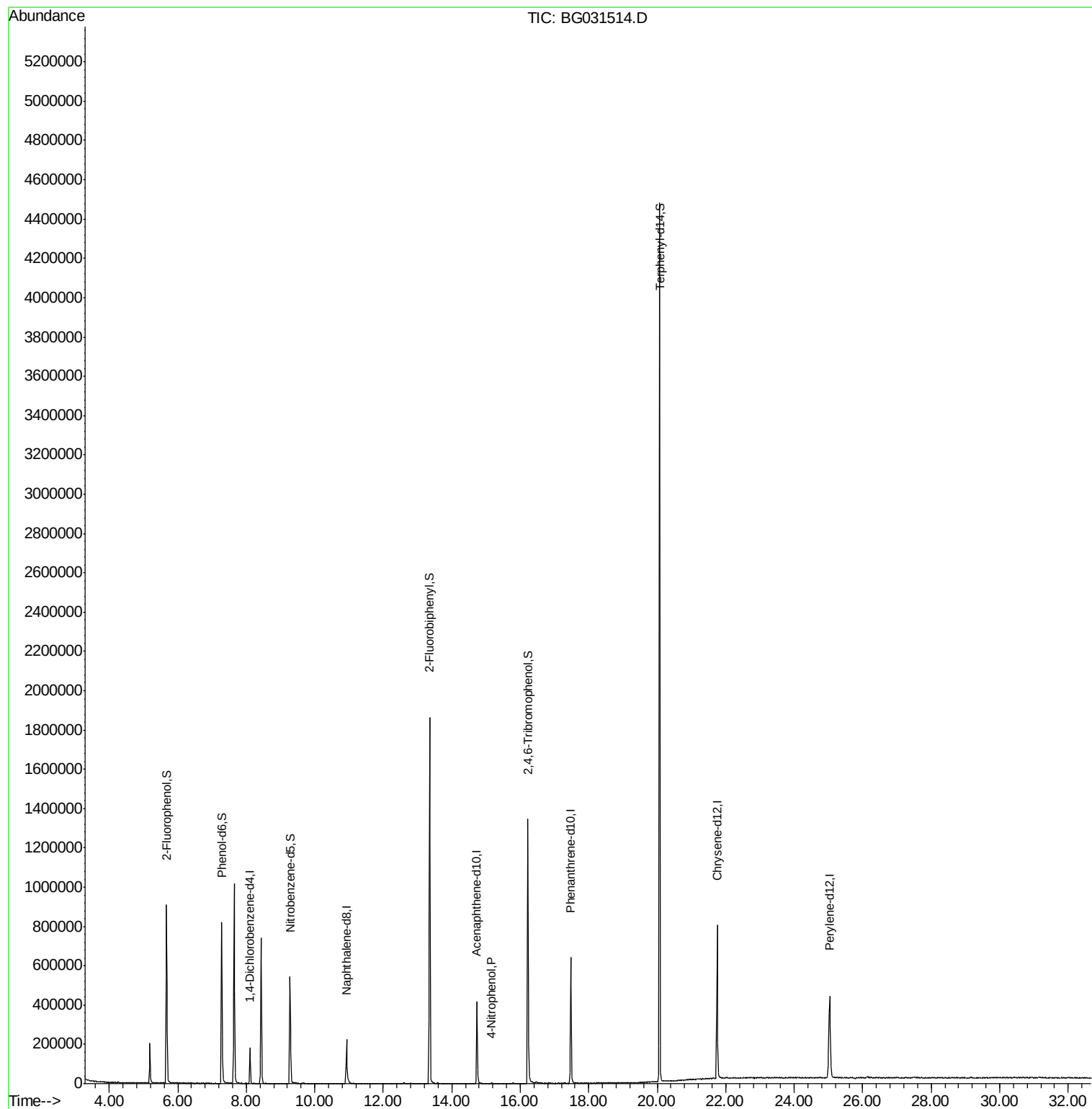
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	55813	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	245010	20.00	ng	0.00
38) Acenaphthene-d10	14.73	164	167025	20.00	ng	0.00
63) Phenanthrene-d10	17.48	188	437804	20.00	ng	0.00
75) Chrysene-d12	21.75	240	543932	20.00	ng	0.00
86) Perylene-d12	25.03	264	523492	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	469219	149.02	ng	0.00
7) Phenol-d6	7.28	99	550838	126.01	ng	0.01
23) Nitrobenzene-d5	9.28	82	381686	96.02	ng	0.00
41) 2,4,6-Tribromophenol	16.22	330	289922	148.16	ng	0.00
44) 2-Fluorobiphenyl	13.35	172	1084866	95.34	ng	0.00
78) Terphenyl-d14	20.07	244	2169813	90.76	ng	0.00
Target Compounds						
55) 4-Nitrophenol	15.16	139	549	3.80	ng	Qvalue # 1

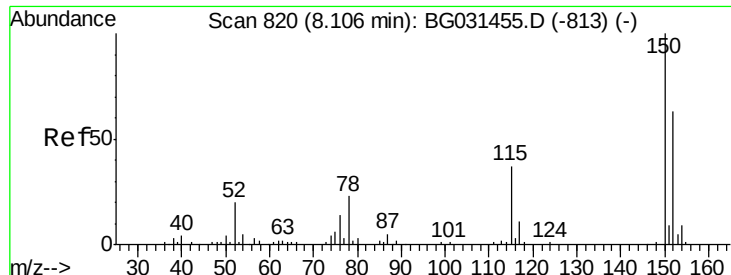
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

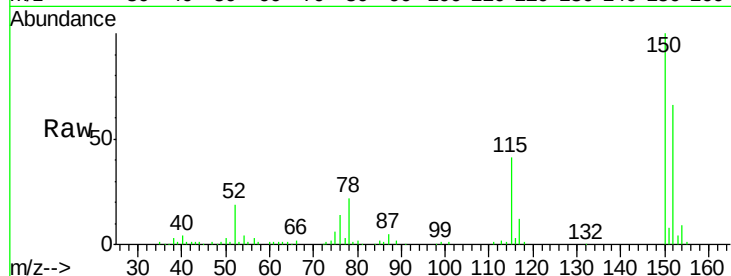




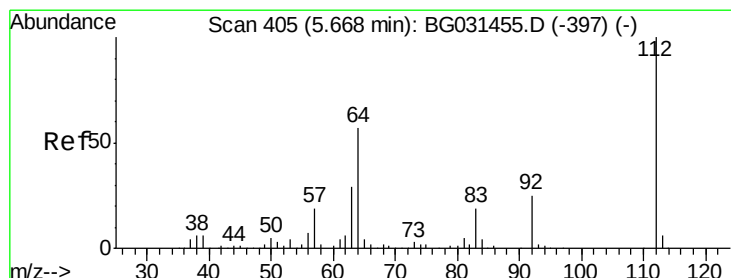
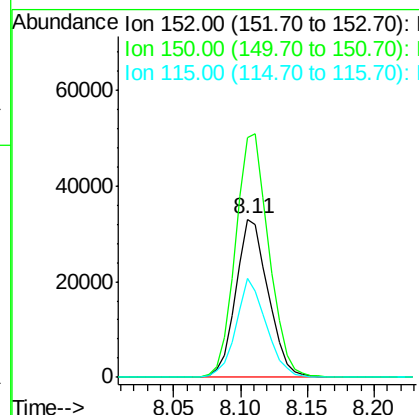
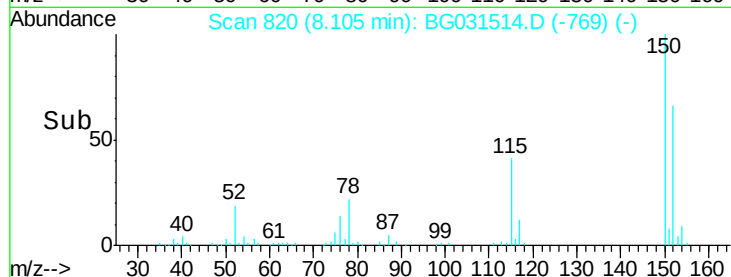
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.11 min Scan# 820
 Delta R.T. -0.00 min
 Lab File: BG031514.D
 Acq: 13 Dec 2017 5:33

Instrument :
 BNA_G
 ClientSampleId :
 RBR-251683-RBR-400031-2428

Tot Ion:152 Resp: 55813
 Ion Ratio Lower Upper
 152 100
 150 152.1 126.6 189.8
 115 62.3 53.0 79.4

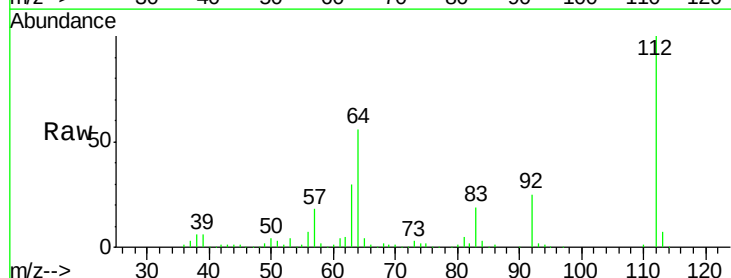


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

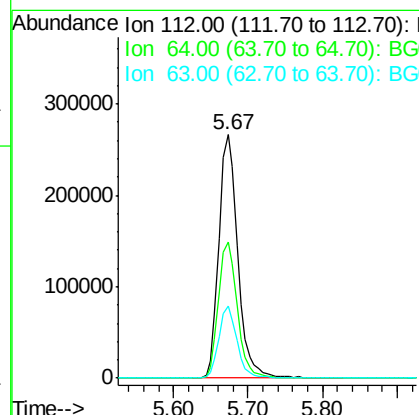
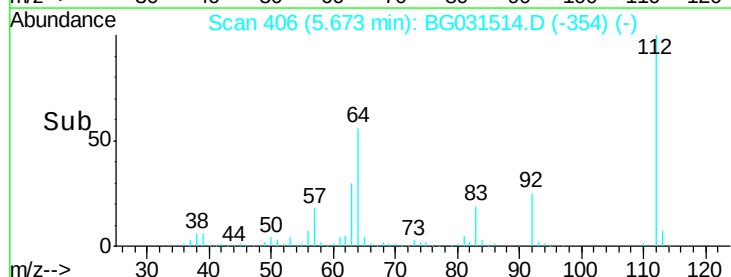


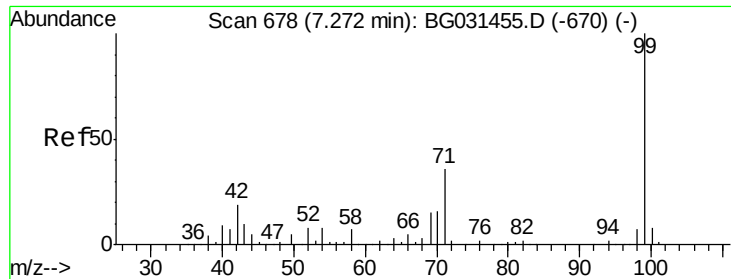
#5
 2-Fluorophenol
 Concen: 149.02 ng
 RT: 5.67 min Scan# 406
 Delta R.T. 0.01 min
 Lab File: BG031514.D
 Acq: 13 Dec 2017 5:33

Tgt Ion:112 Resp: 469219
 Ion Ratio Lower Upper
 112 100
 64 56.0 56.3 84.5#
 63 29.8 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: 126.01 ng

RT: 7.28 min Scan# 680

Delta R.T. 0.01 min

Lab File: BG031514.D

Acq: 13 Dec 2017 5:33

Instrument :

BNA_G

ClientSampleId :

RBR-251683-RBR-400031-2428

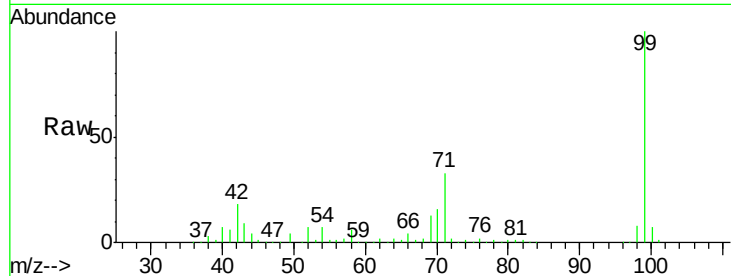
Tot Ion: 99 Resp: 550838

Ion Ratio Lower Upper

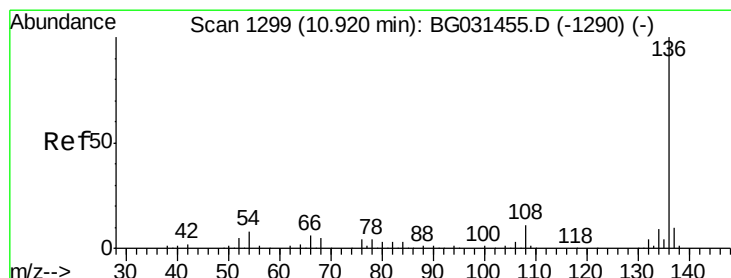
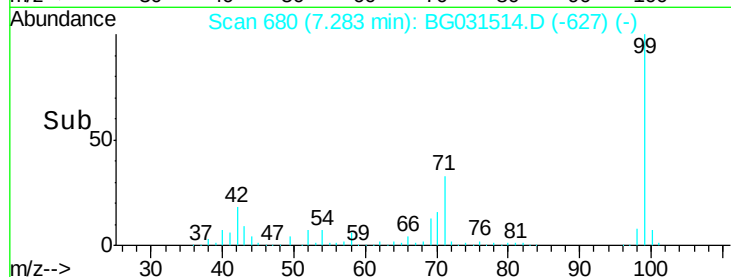
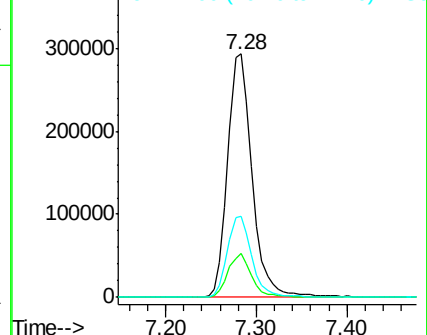
99 100

42 18.0 14.1 21.1

71 33.4 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: 20.00 ng

RT: 10.93 min Scan# 1300

Delta R.T. 0.01 min

Lab File: BG031514.D

Acq: 13 Dec 2017 5:33

Tgt Ion: 136 Resp: 245010

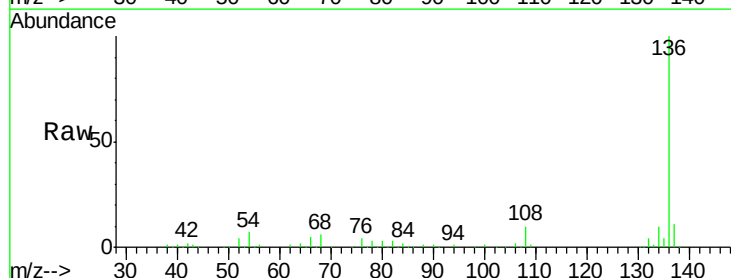
Ion Ratio Lower Upper

136 100

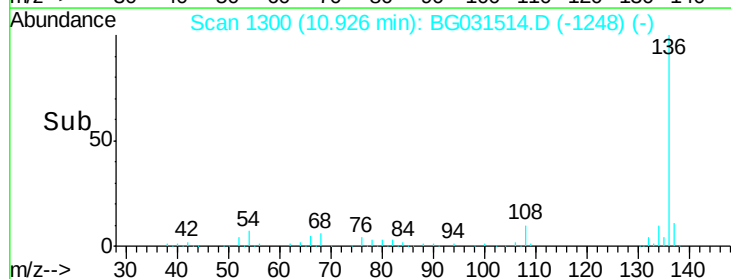
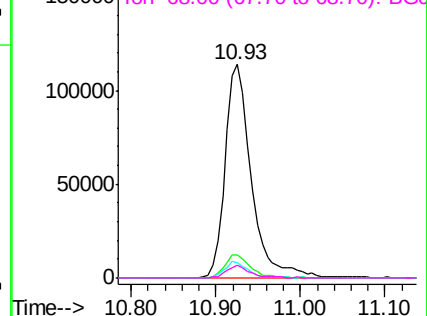
137 11.0 9.2 13.8

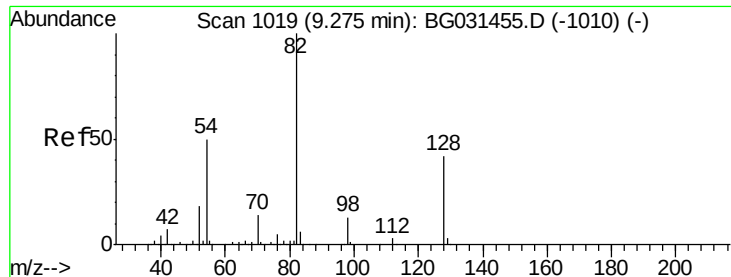
54 7.3 10.3 15.5#

68 6.1 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

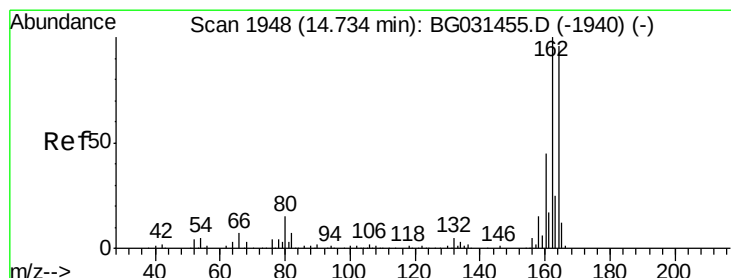
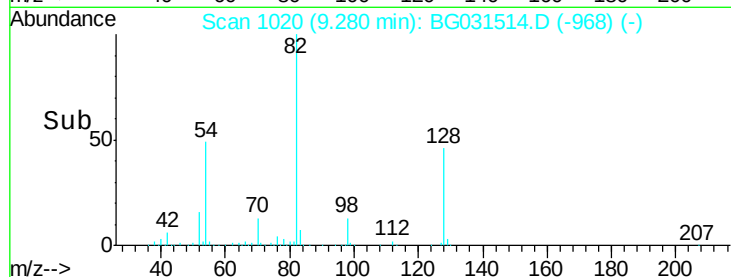
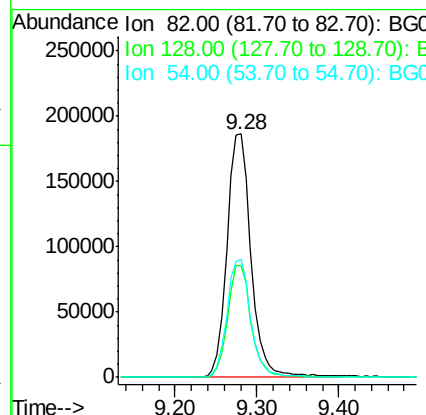
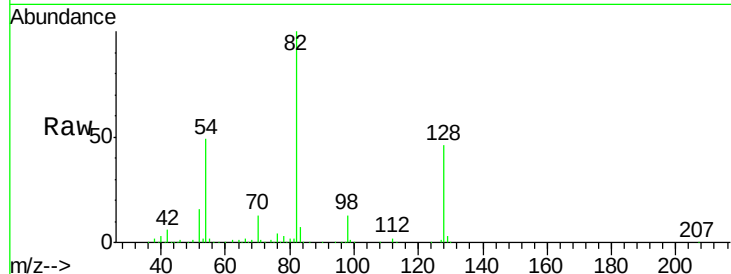




#23
 Nitrobenzene-d5
 Concen: 96.02 ng
 RT: 9.28 min Scan# 1020
 Delta R.T. 0.01 min
 Lab File: BG031514.D
 Acq: 13 Dec 2017 5:33

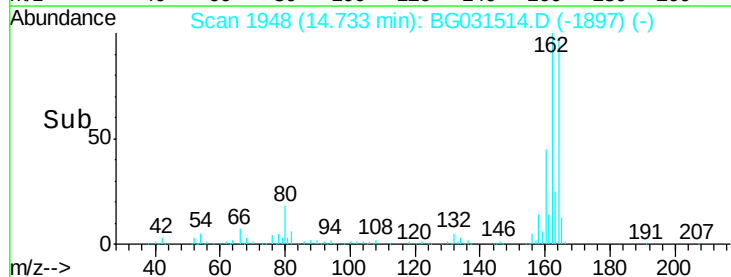
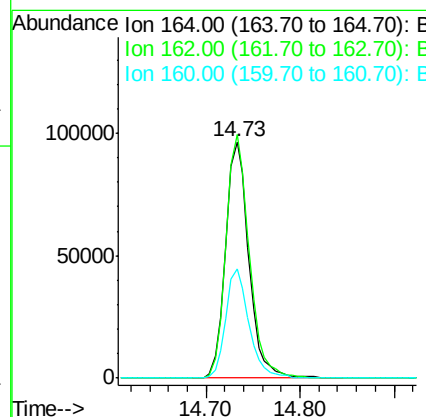
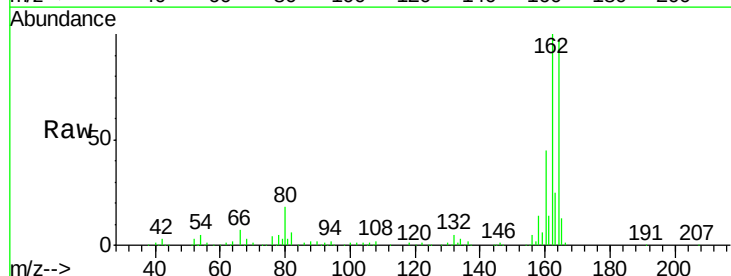
Instrument :
 BNA_G
 ClientSampleId :
 RBR-251683-RBR-400031-2428

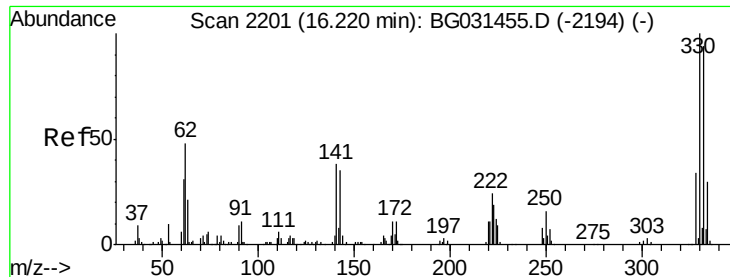
Tot Ion	Ratio	Lower	Upper
82	100		
128	45.7	29.7	44.5#
54	48.6	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.73 min Scan# 1948
 Delta R.T. -0.00 min
 Lab File: BG031514.D
 Acq: 13 Dec 2017 5:33

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.0	78.8	118.2
160	46.1	35.4	53.0

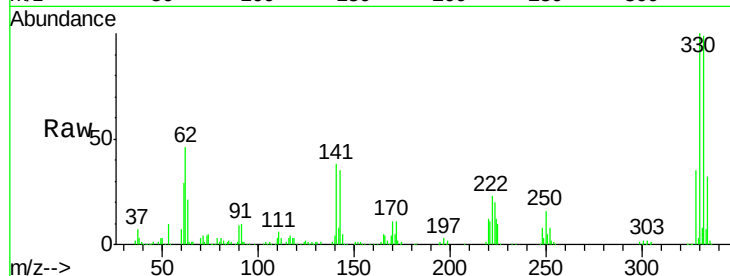




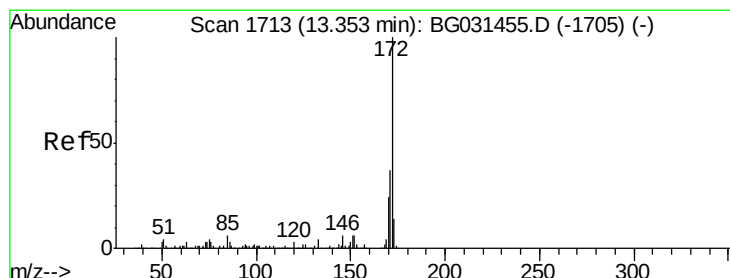
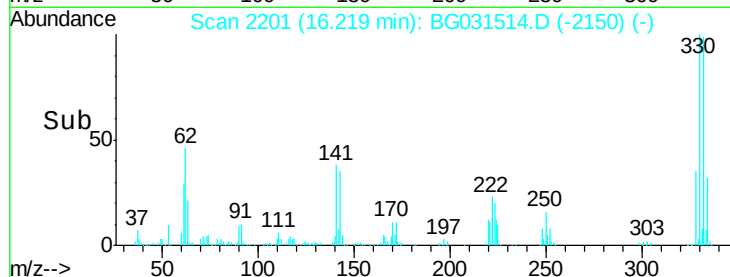
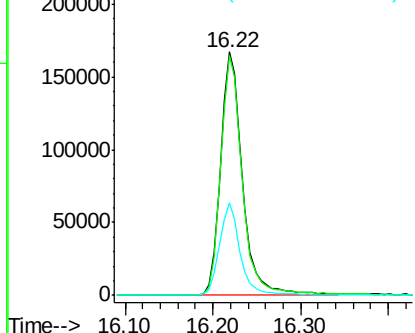
#41
 2,4,6-Tribromophenol
 Concen: 148.16 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. -0.00 min
 Lab File: BG031514.D
 Acq: 13 Dec 2017 5:33

Instrument :
 BNA_G
 ClientSampleId :
 RBR-251683-RBR-400031-2428

Tot Ion:330 Resp: 289922
 Ion Ratio Lower Upper
 330 100
 332 97.5 77.0 115.6
 141 35.6 25.2 37.8

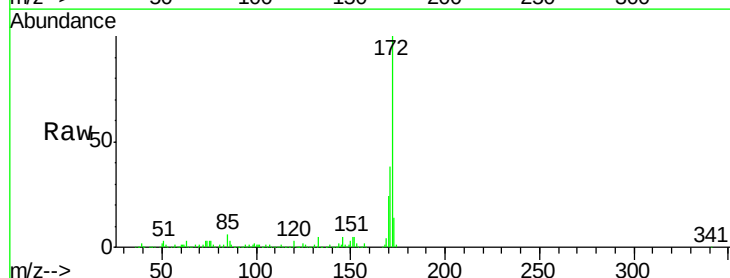


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

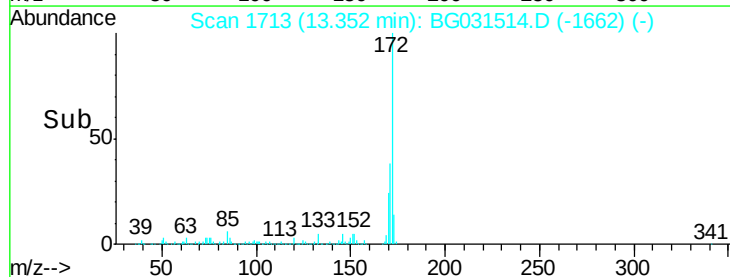
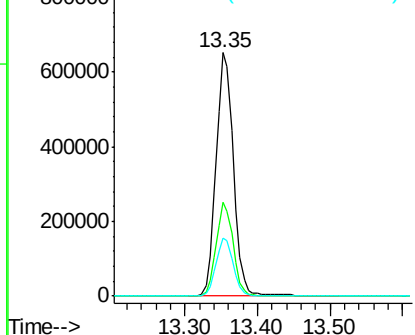


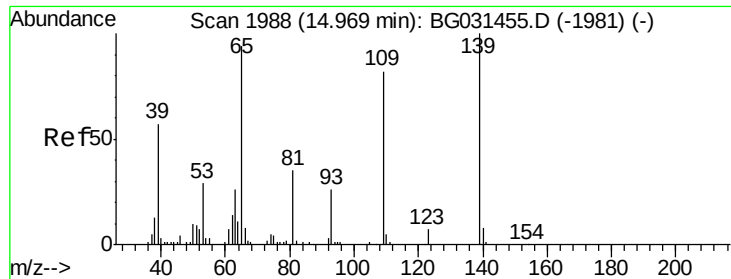
#44
 2-Fluorobiphenyl
 Concen: 95.34 ng
 RT: 13.35 min Scan# 1713
 Delta R.T. -0.00 min
 Lab File: BG031514.D
 Acq: 13 Dec 2017 5:33

Tgt Ion:172 Resp: 1084866
 Ion Ratio Lower Upper
 172 100
 171 38.3 30.0 45.0
 170 23.6 19.5 29.3



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

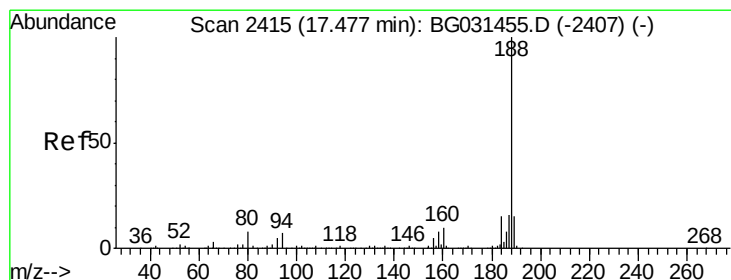
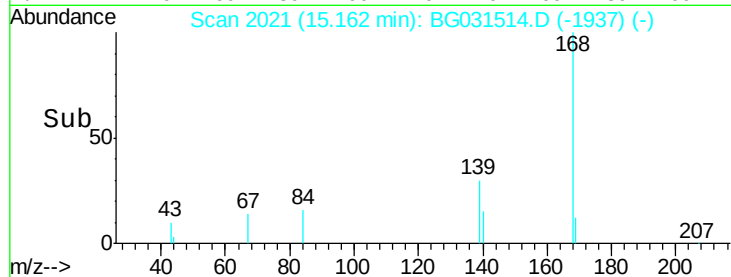
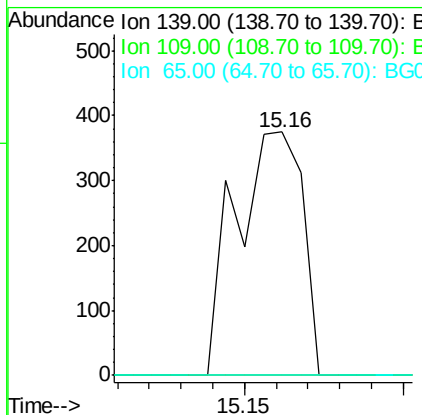
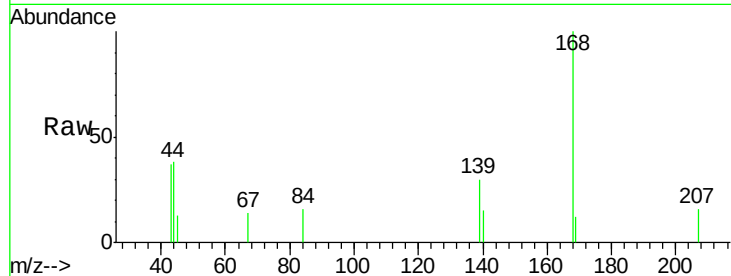




#55
4-Nitrophenol
Concen: 3.80 ng
RT: 15.16 min Scan# 2021
Delta R.T. 0.19 min
Lab File: BG031514.D
Acq: 13 Dec 2017 5:33

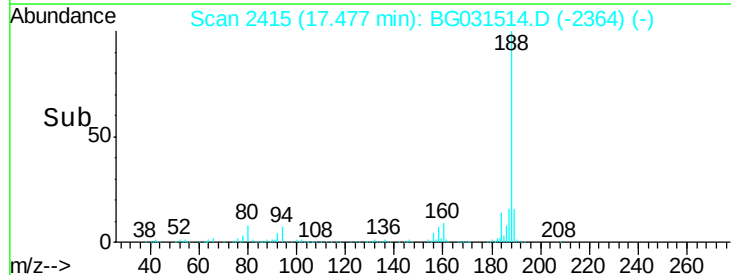
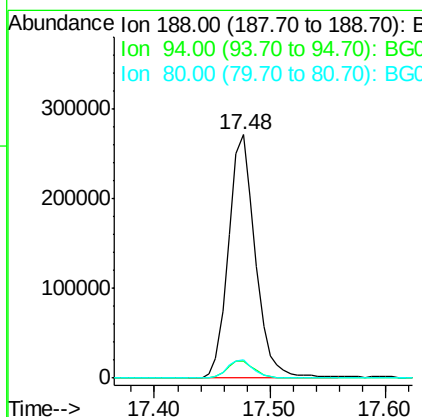
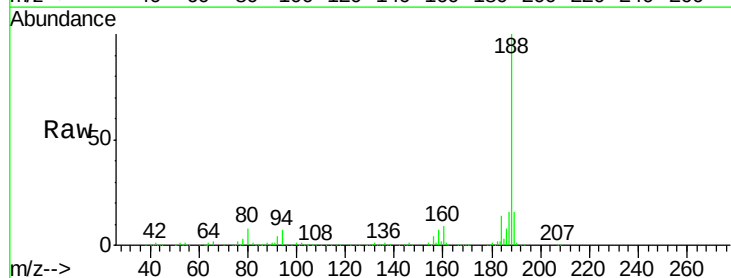
Instrument :
BNA_G
ClientSampleId :
RBR-251683-RBR-400031-2428

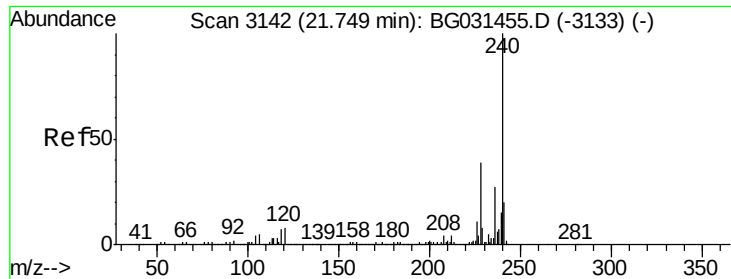
Tot Ion:139 Resp: 549
Ion Ratio Lower Upper
139 100
109 0.0 62.2 102.2#
65 0.0 97.2 137.2#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.48 min Scan# 2415
Delta R.T. -0.00 min
Lab File: BG031514.D
Acq: 13 Dec 2017 5:33

Tgt Ion:188 Resp: 437804
Ion Ratio Lower Upper
188 100
94 6.8 6.9 10.3#
80 7.5 7.7 11.5#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.75 min Scan# 3142

Delta R.T. -0.00 min

Lab File: BG031514.D

Acq: 13 Dec 2017 5:33

Instrument :

BNA_G

ClientSampleId :

RBR-251683-RBR-400031-2428

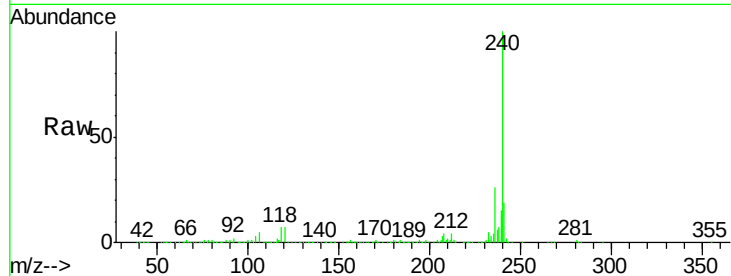
Tot Ion:240 Resp: 543932

Ion Ratio Lower Upper

240 100

120 6.9 6.8 10.2

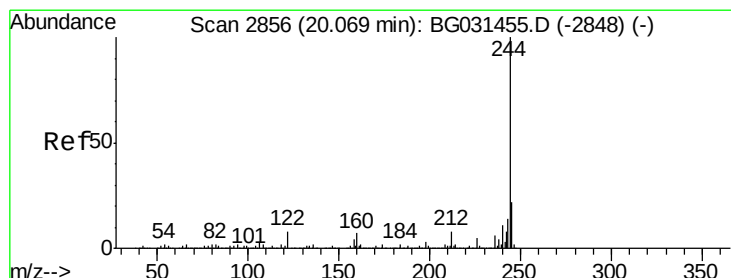
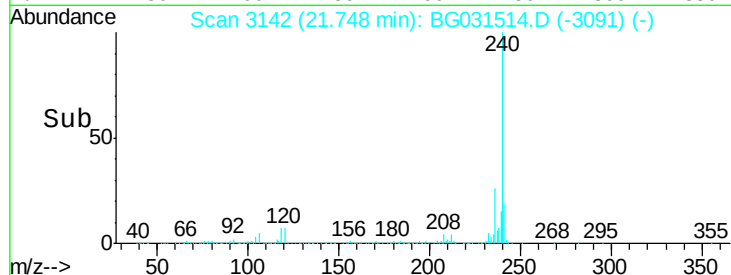
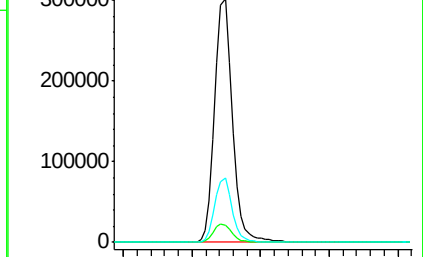
236 26.3 20.9 31.3



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: 90.76 ng

RT: 20.07 min Scan# 2856

Delta R.T. -0.00 min

Lab File: BG031514.D

Acq: 13 Dec 2017 5:33

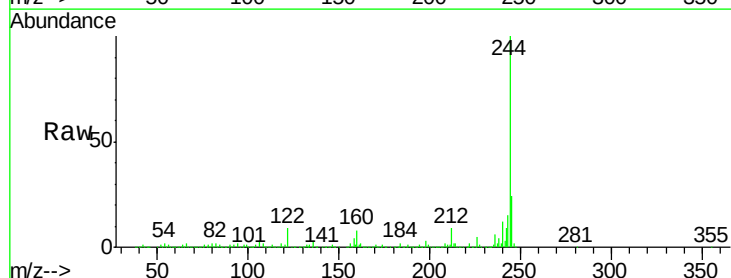
Tgt Ion:244 Resp: 2169813

Ion Ratio Lower Upper

244 100

212 8.9 5.8 8.8#

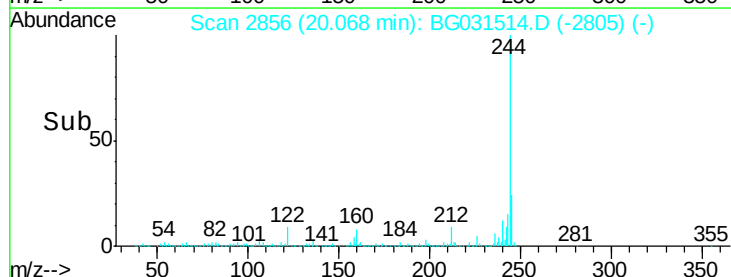
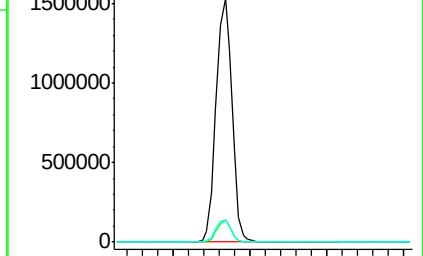
122 9.2 7.0 10.4

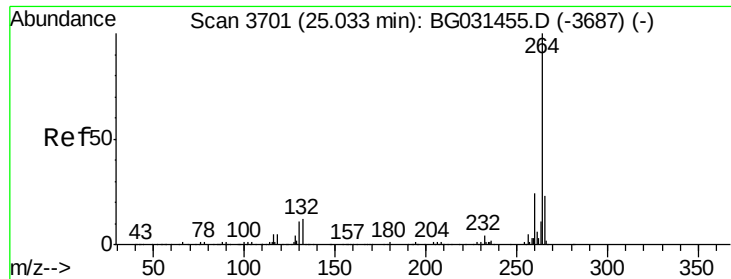


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.03 min Scan# 3700
Delta R.T. -0.01 min
Lab File: BG031514.D
Acq: 13 Dec 2017 5:33

Instrument :
BNA_G
ClientSampleId :
RBR-251683-RBR-400031-2428

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	17.4	26.0
265	21.8	17.7	26.5

