

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG121217\
 Data File : BG031501.D
 Acq On : 12 Dec 2017 20:48
 Operator : SJ/JU
 Sample : I6824-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TW-4

Quant Time: Dec 13 07:17:21 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	61033	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	262637	20.00	ng	0.00
38) Acenaphthene-d10	14.73	164	172897	20.00	ng	0.00
63) Phenanthrene-d10	17.48	188	462260	20.00	ng	0.00
75) Chrysene-d12	21.74	240	530363	20.00	ng	0.00
86) Perylene-d12	25.03	264	511364	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	274595	79.75	ng	0.00
7) Phenol-d6	7.28	99	219869	46.00	ng	0.00
23) Nitrobenzene-d5	9.27	82	448549	105.27	ng	0.00
41) 2,4,6-Tribromophenol	16.22	330	369470	182.40	ng	0.00
44) 2-Fluorobiphenyl	13.35	172	1287476	109.30	ng	0.00
78) Terphenyl-d14	20.07	244	2272302	97.48	ng	0.00

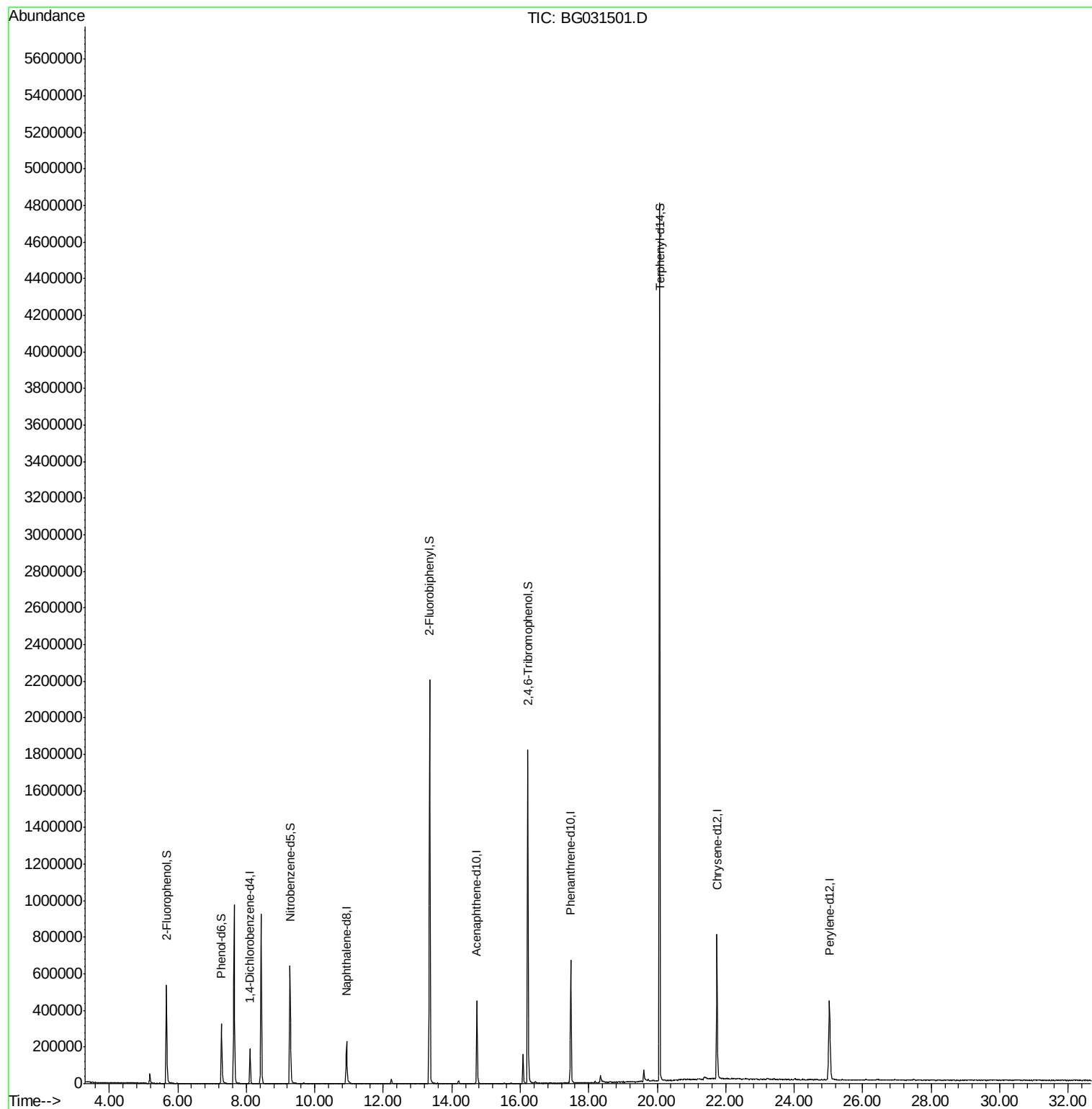
Target Compounds Qvalue

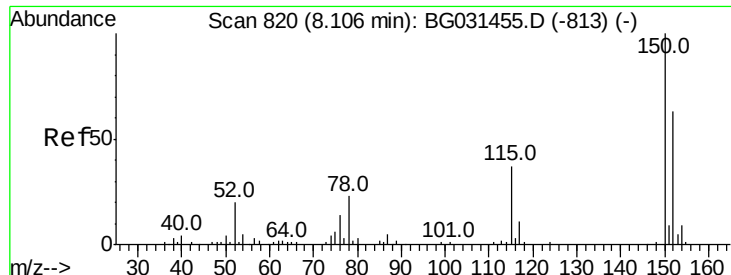
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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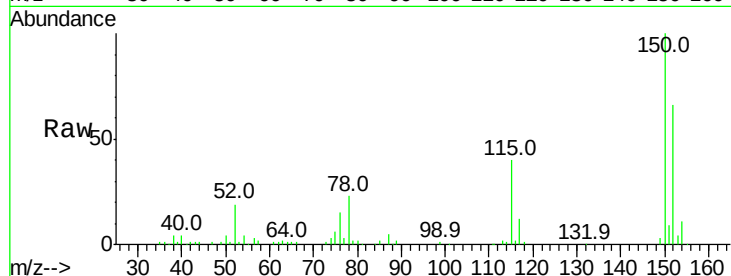


#1

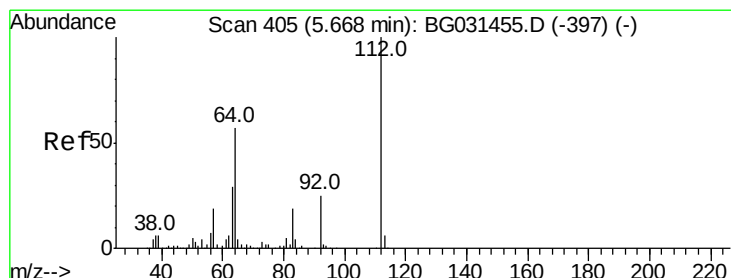
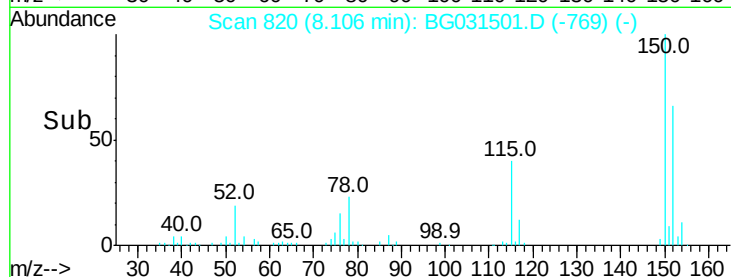
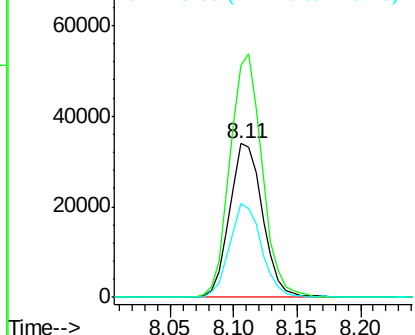
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 820
Delta R.T. -0.00 min
Lab File: BG031501.D
Acq: 12 Dec 2017 20:48

Instrument :
BNA_G
ClientSampleId :
TW-4

Tot Ion:152 Resp: 61033
Ion Ratio Lower Upper
152 100
150 151.3 126.6 189.8
115 61.2 53.0 79.4



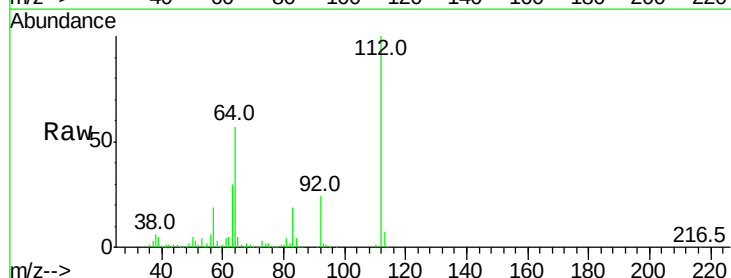
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



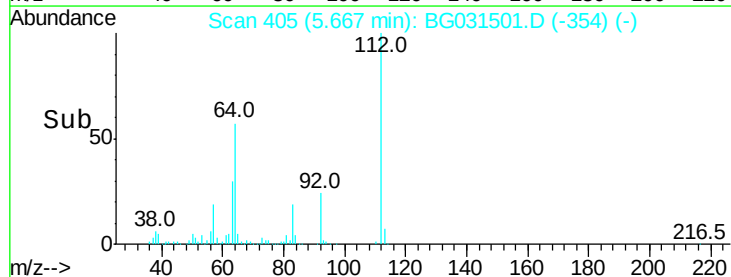
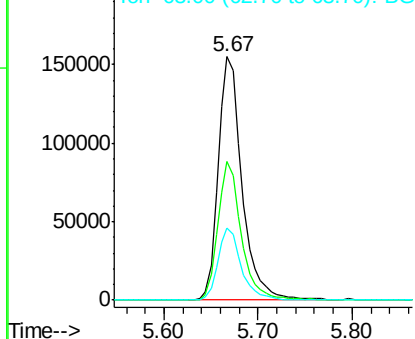
#5

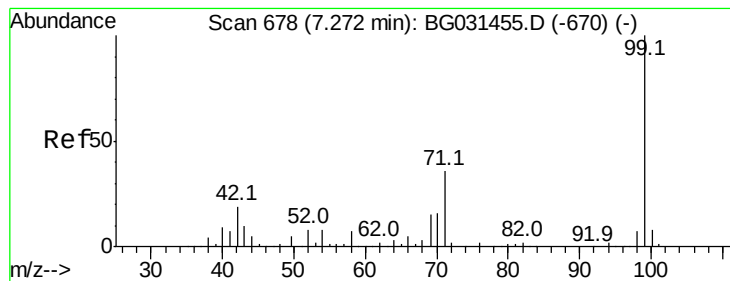
2-Fluorophenol
Concen: 79.748 ng
RT: 5.67 min Scan# 405
Delta R.T. 0.00 min
Lab File: BG031501.D
Acq: 12 Dec 2017 20:48

Tgt Ion:112 Resp: 274595
Ion Ratio Lower Upper
112 100
64 57.1 56.3 84.5
63 29.6 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: 45.997 ng

RT: 7.28 min Scan# 679

Delta R.T. 0.01 min

Lab File: BG031501.D

Acq: 12 Dec 2017 20:48

Instrument :

BNA_G

ClientSampleId :

TW-4

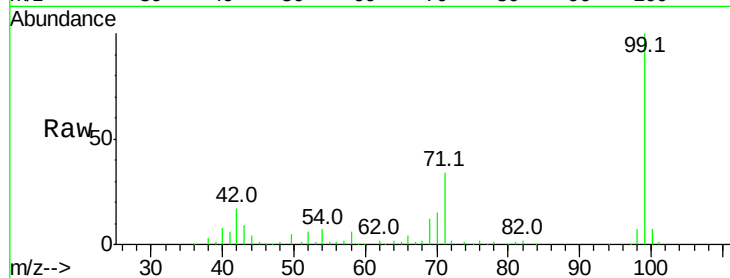
Tot Ion: 99 Resp: 219869

Ion Ratio Lower Upper

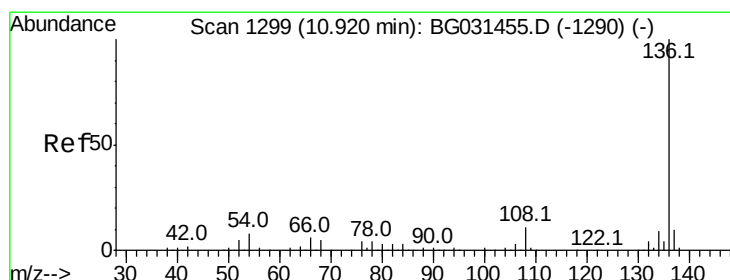
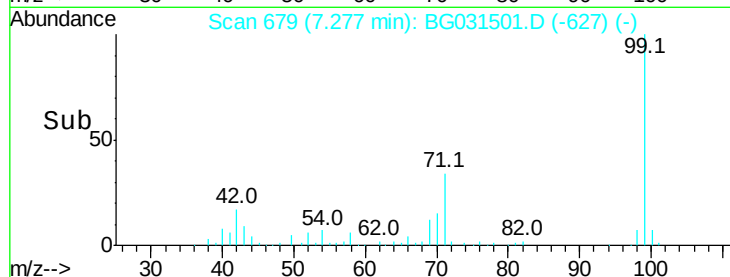
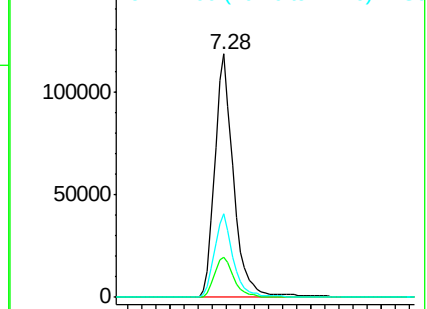
99 100

42 16.7 14.1 21.1

71 34.3 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: 10.93 min Scan# 1300

Delta R.T. 0.01 min

Lab File: BG031501.D

Acq: 12 Dec 2017 20:48

Tgt Ion: 136 Resp: 262637

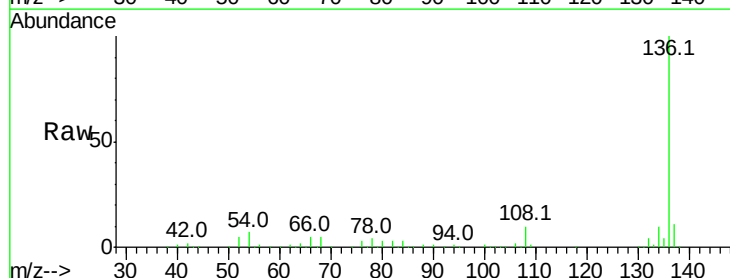
Ion Ratio Lower Upper

136 100

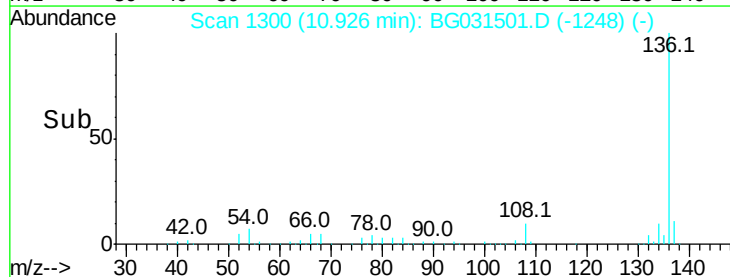
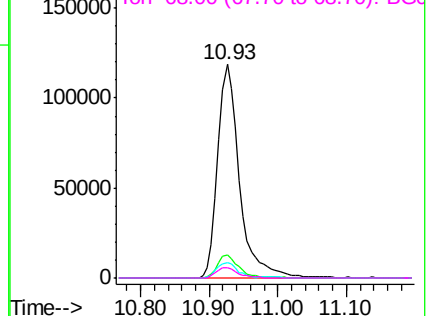
137 10.7 9.2 13.8

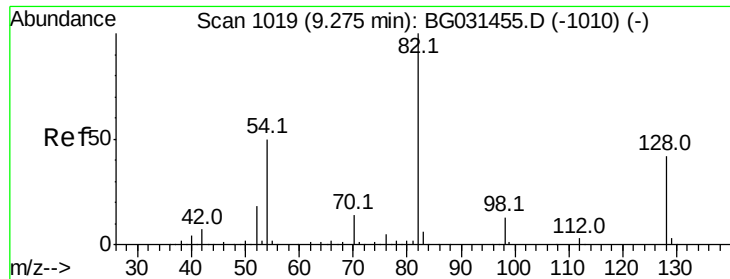
54 7.2 10.3 15.5#

68 5.0 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

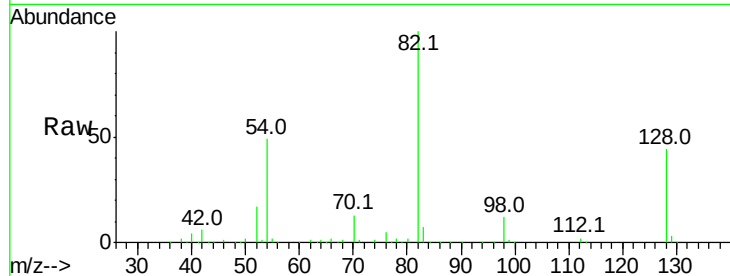




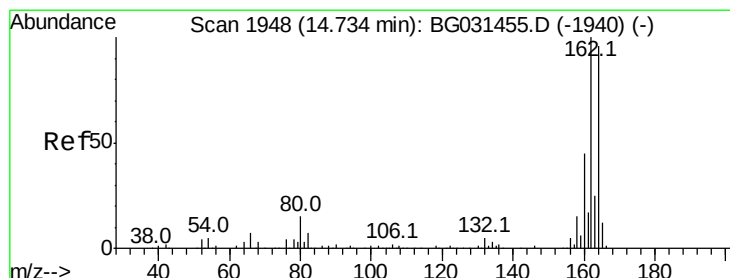
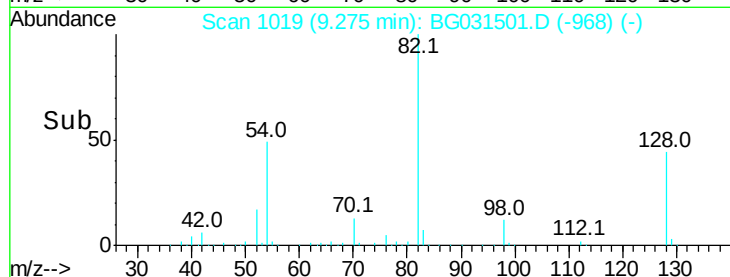
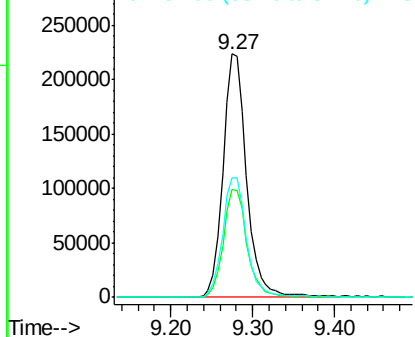
#23
 Nitrobenzene-d5
 Concen: 105.267 ng
 RT: 9.27 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: BG031501.D
 Acq: 12 Dec 2017 20:48

Instrument :
 BNA_G
 ClientSampleId :
 TW-4

Tot Ion	82	Resp	448549
Ion Ratio	100	Lower	Upper
128	44.1	29.7	44.5
54	49.2	43.1	64.7

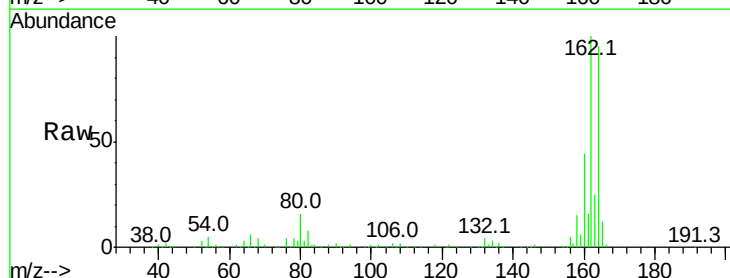


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

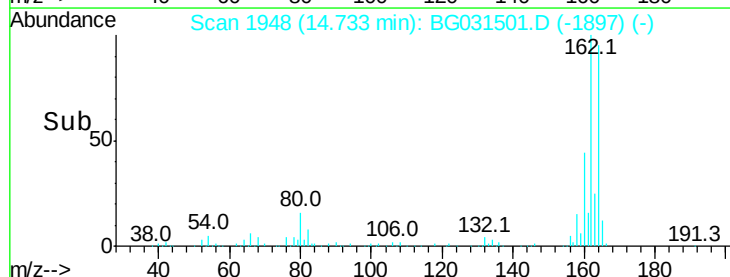
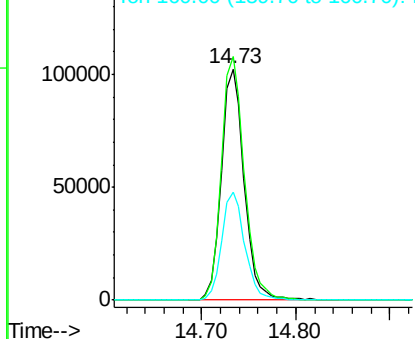


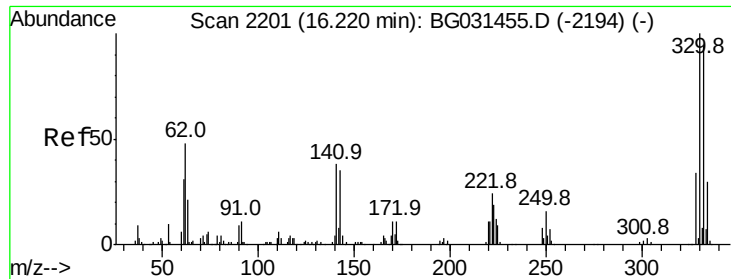
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.73 min Scan# 1948
 Delta R.T. -0.00 min
 Lab File: BG031501.D
 Acq: 12 Dec 2017 20:48

Tgt Ion	164	Resp	172897
Ion Ratio	100	Lower	Upper
162	105.3	78.8	118.2
160	46.6	35.4	53.0



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

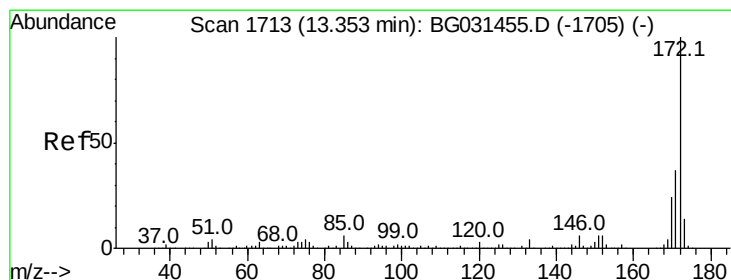
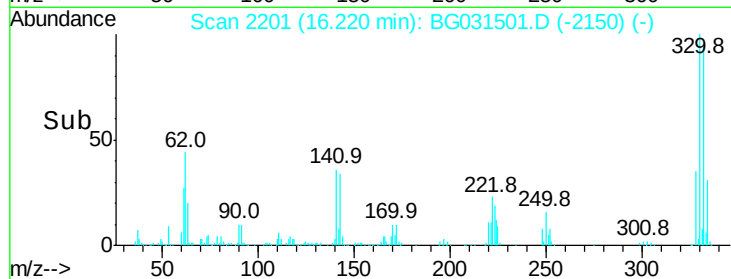
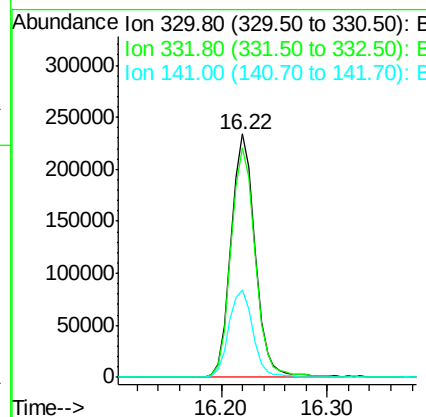
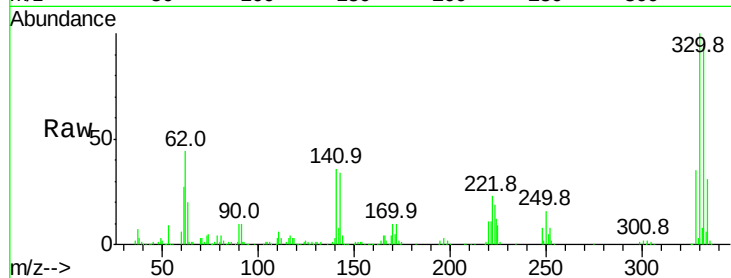




#41
 2,4,6-Tribromophenol
 Concen: 182.404 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. -0.00 min
 Lab File: BG031501.D
 Acq: 12 Dec 2017 20:48

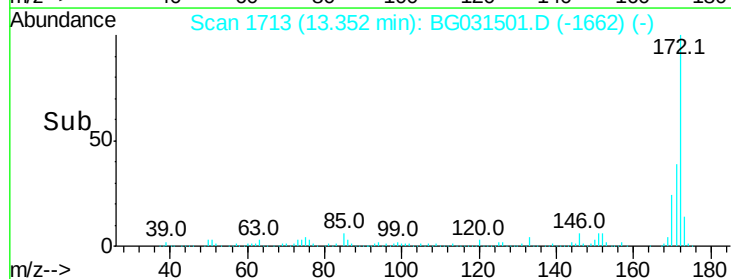
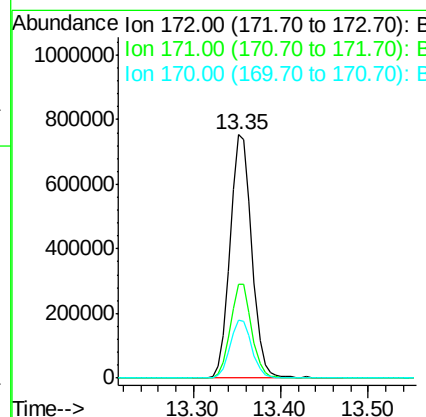
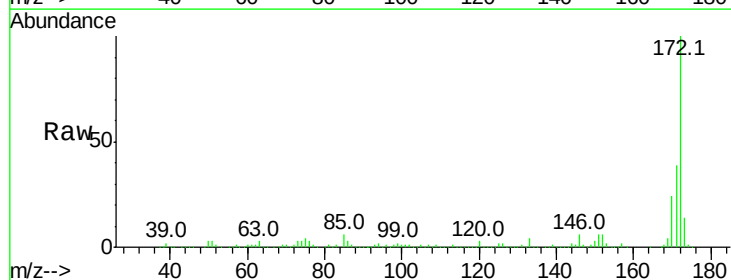
Instrument :
 BNA_G
 ClientSampleId :
 TW-4

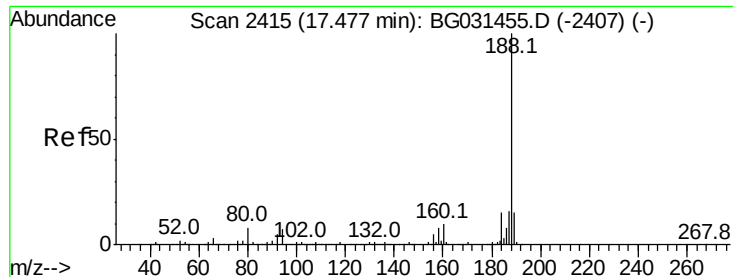
Tot Ion:330 Resp: 369470
 Ion Ratio Lower Upper
 330 100
 332 95.2 77.0 115.6
 141 36.3 25.2 37.8



#44
 2-Fluorobiphenyl
 Concen: 109.305 ng
 RT: 13.35 min Scan# 1713
 Delta R.T. -0.00 min
 Lab File: BG031501.D
 Acq: 12 Dec 2017 20:48

Tgt Ion:172 Resp: 1287476
 Ion Ratio Lower Upper
 172 100
 171 38.7 30.0 45.0
 170 23.9 19.5 29.3

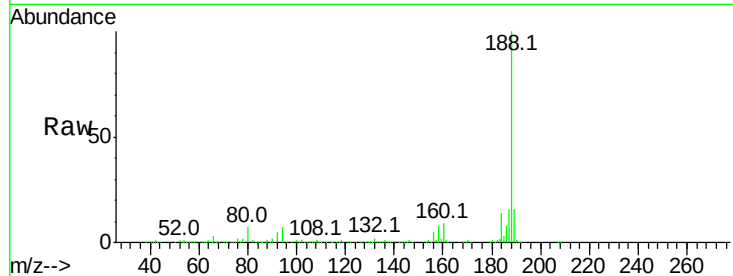




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2415
Delta R.T. -0.00 min
Lab File: BG031501.D
Acq: 12 Dec 2017 20:48

Instrument :
BNA_G
ClientSampleId :
TW-4

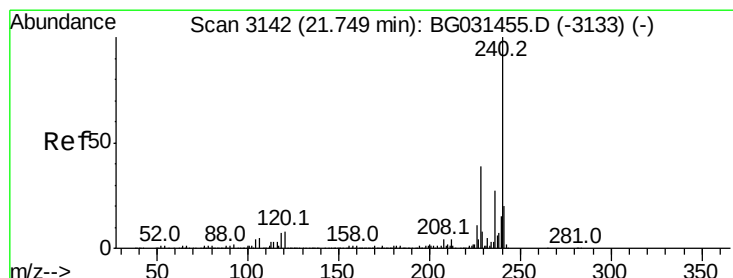
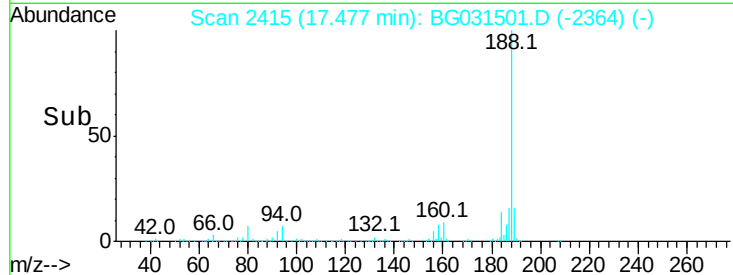
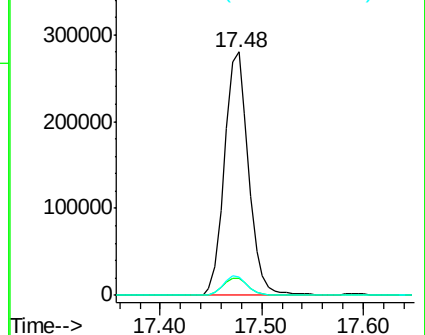
Tot Ion	Ratio	Lower	Upper
188	100		
94	7.2	6.9	10.3
80	7.5	7.7	11.5#



Abundance Ion 188.00 (187.70 to 188.70): E

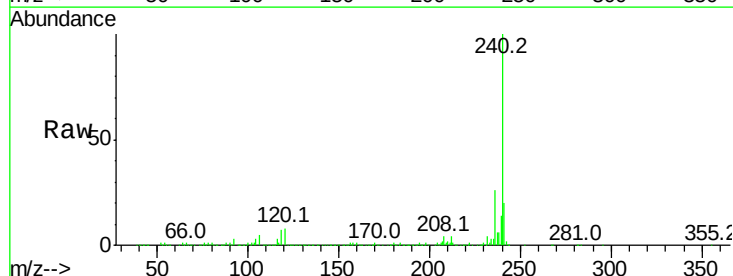
Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.74 min Scan# 3141
Delta R.T. -0.01 min
Lab File: BG031501.D
Acq: 12 Dec 2017 20:48

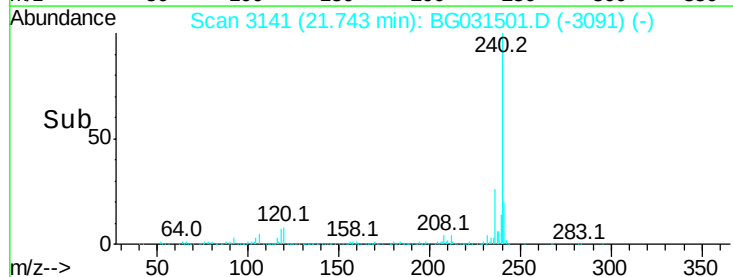
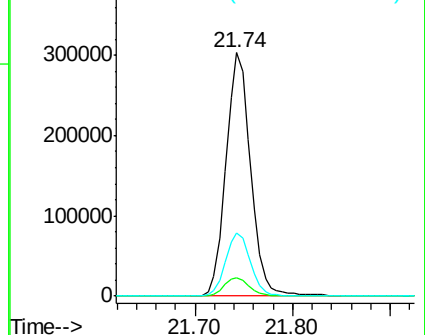
Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.6	6.8	10.2
236	26.0	20.9	31.3

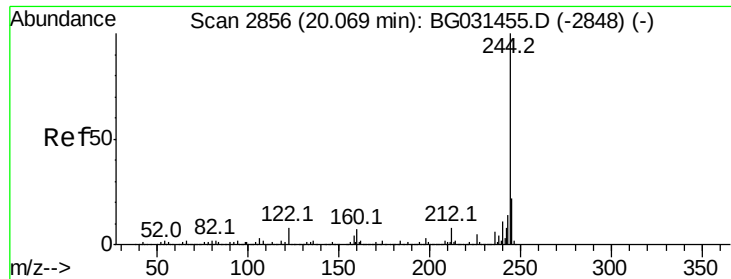


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

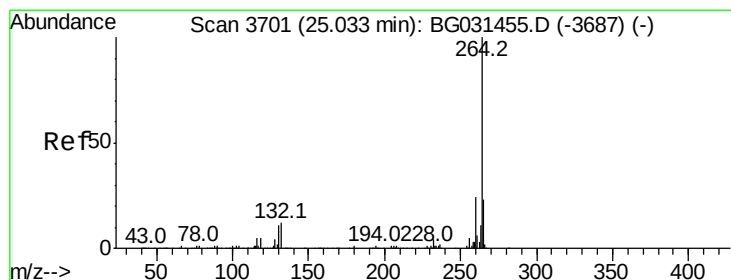
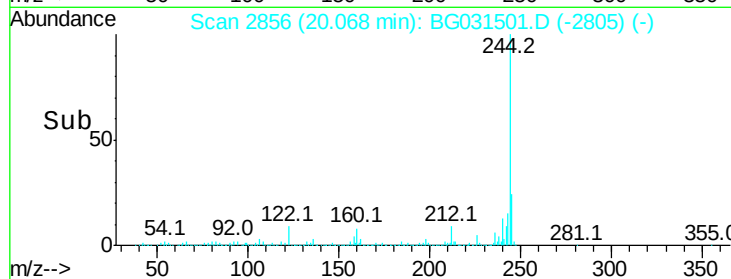
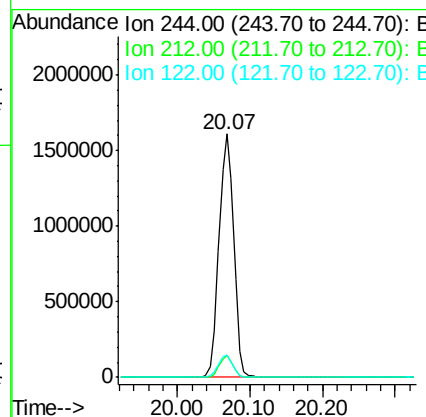
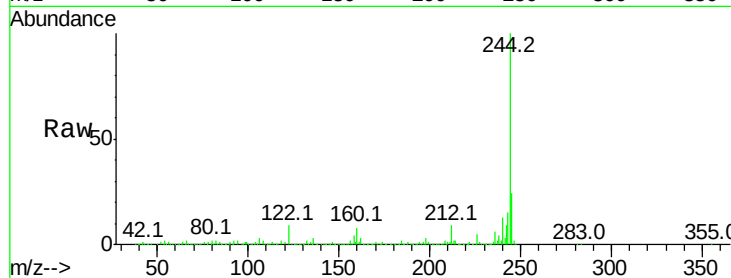




#78
 Terphenyl-d14
 Concen: 97.478 ng
 RT: 20.07 min Scan# 2856
 Delta R.T. -0.00 min
 Lab File: BG031501.D
 Acq: 12 Dec 2017 20:48

Instrument :
 BNA_G
 ClientSampleId :
 TW-4

Tot Ion:244 Resp: 2272302
 Ion Ratio Lower Upper
 244 100
 212 9.2 5.8 8.8#
 122 9.3 7.0 10.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.03 min Scan# 3700
 Delta R.T. -0.01 min
 Lab File: BG031501.D
 Acq: 12 Dec 2017 20:48

Tgt Ion:264 Resp: 511364
 Ion Ratio Lower Upper
 264 100
 260 25.3 17.4 26.0
 265 23.1 17.7 26.5

