

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG121117\
 Data File : BG031474.D
 Acq On : 12 Dec 2017 3:50
 Operator : SJ/JU
 Sample : I6762-10
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 12 07:17:28 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	48973	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	206811	20.00	ng	0.01
38) Acenaphthene-d10	14.73	164	143680	20.00	ng	0.00
63) Phenanthrene-d10	17.48	188	410624	20.00	ng	0.00
75) Chrysene-d12	21.74	240	486273	20.00	ng	0.00
86) Perylene-d12	25.02	264	466032	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	133388	48.28	ng	0.00
7) Phenol-d6	7.28	99	116949	30.49	ng	0.00
23) Nitrobenzene-d5	9.28	82	330015	98.36	ng	0.00
41) 2,4,6-Tribromophenol	16.22	330	185143	109.99	ng	0.00
44) 2-Fluorobiphenyl	13.36	172	984628	100.59	ng	0.00
78) Terphenyl-d14	20.07	244	1870526	87.52	ng	0.00

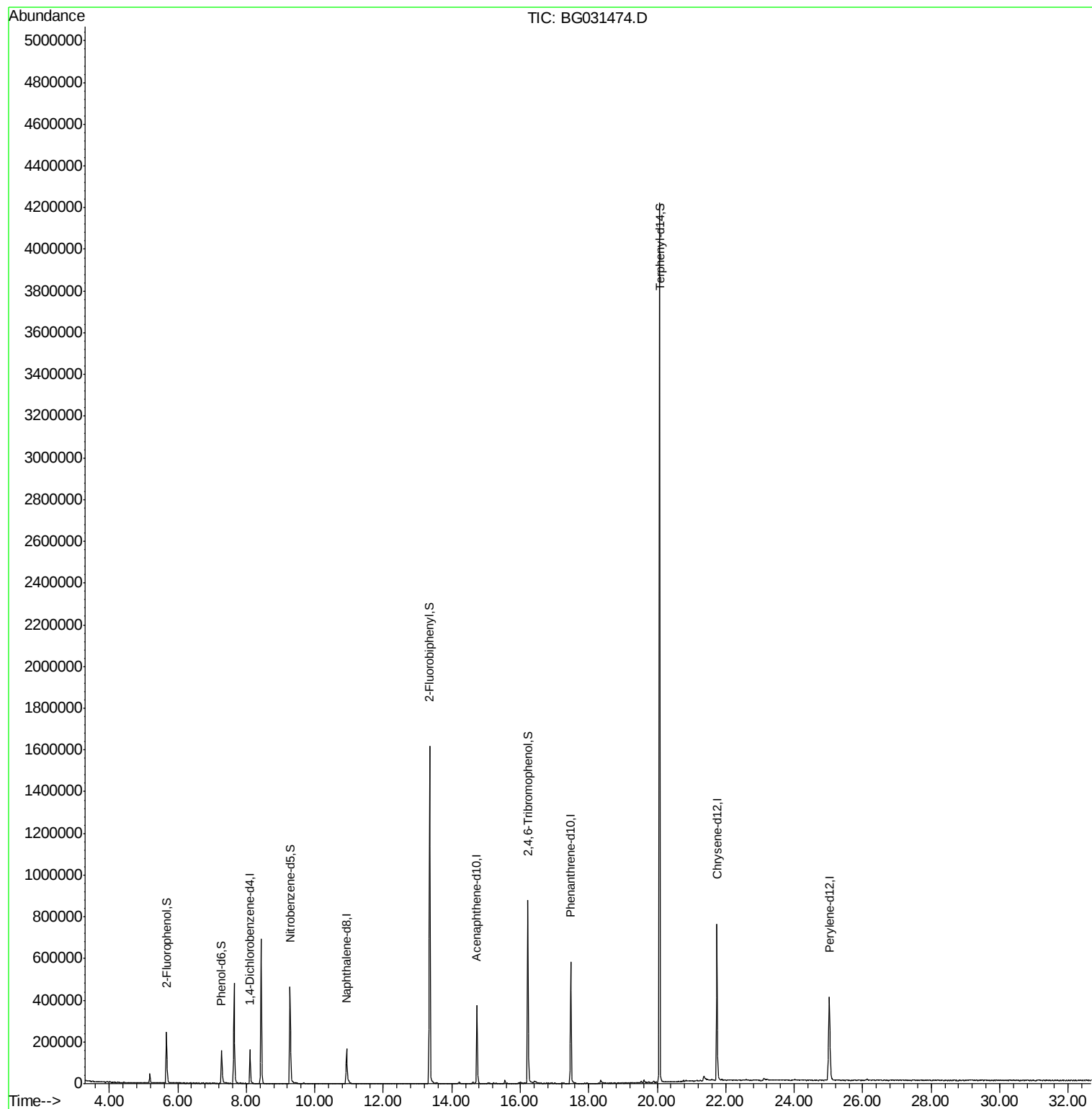
Target Compounds Qvalue

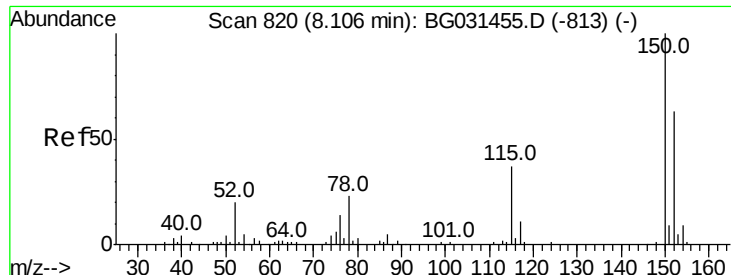
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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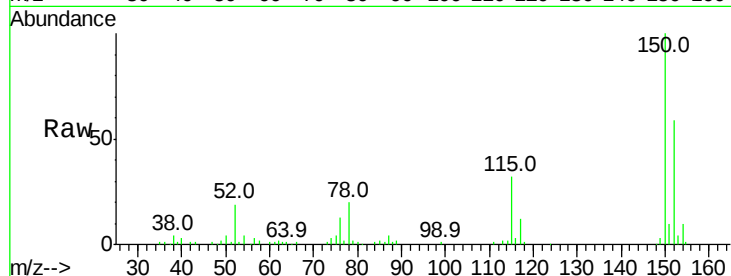


#1

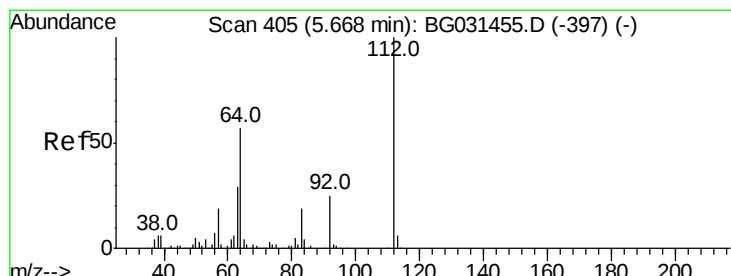
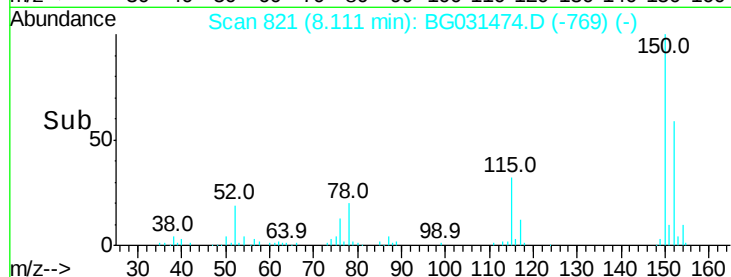
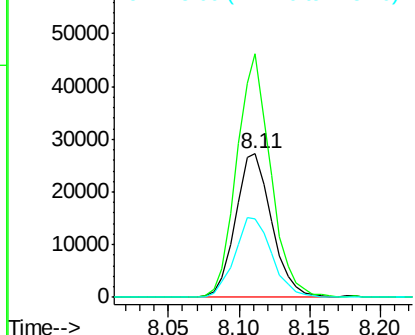
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 821
Delta R.T. 0.01 min
Lab File: BG031474.D
Acq: 12 Dec 2017 3:50

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 48973
Ion Ratio Lower Upper
152 100
150 170.1 126.6 189.8
115 54.4 53.0 79.4



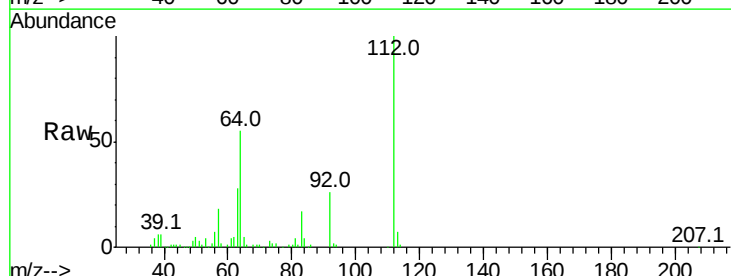
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



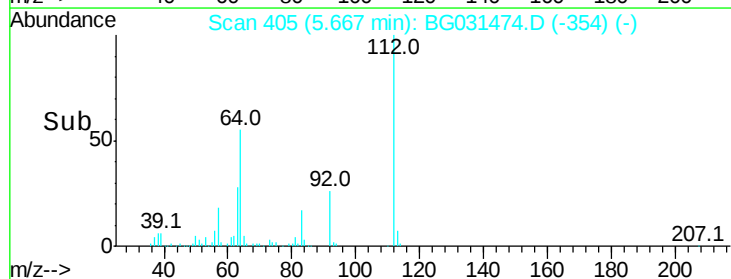
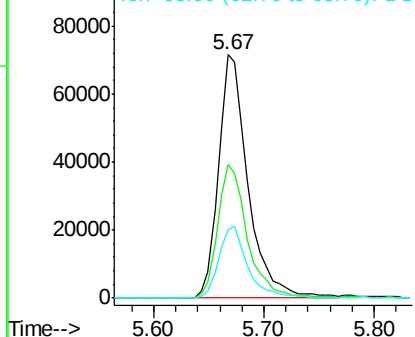
#5

2-Fluorophenol
Concen: 48.278 ng
RT: 5.67 min Scan# 405
Delta R.T. 0.00 min
Lab File: BG031474.D
Acq: 12 Dec 2017 3:50

Tgt Ion:112 Resp: 133388
Ion Ratio Lower Upper
112 100
64 55.0 56.3 84.5#
63 28.0 30.1 45.1#



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





#7

Phenol-d6

Concen: 30.491 ng

RT: 7.28 min Scan# 679

Delta R.T. 0.01 min

Lab File: BG031474.D

Acq: 12 Dec 2017 3:50

Instrument :

BNA_G

ClientSampleId :

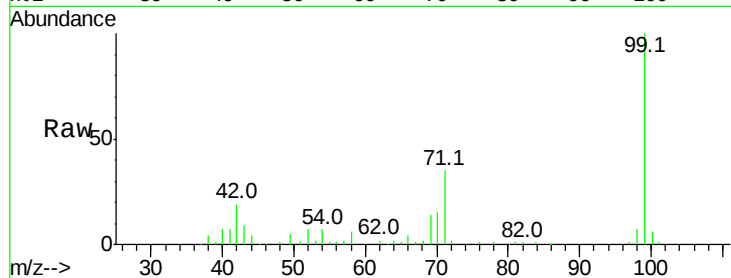
Tot Ion: 99 Resp: 116949

Ion Ratio Lower Upper

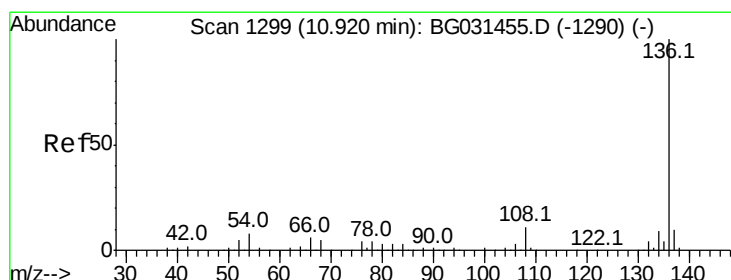
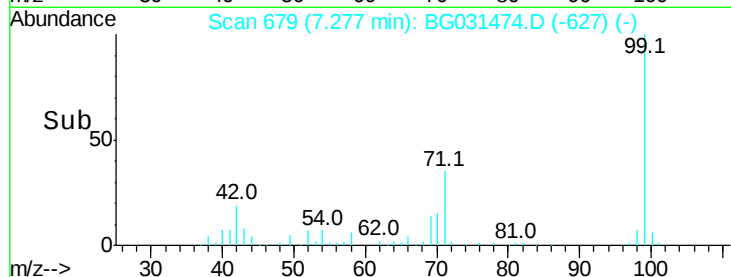
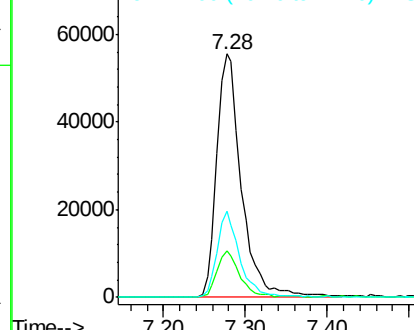
99 100

42 18.9 14.1 21.1

71 35.3 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# 1301

Delta R.T. 0.01 min

Lab File: BG031474.D

Acq: 12 Dec 2017 3:50

Tgt Ion: 136 Resp: 206811

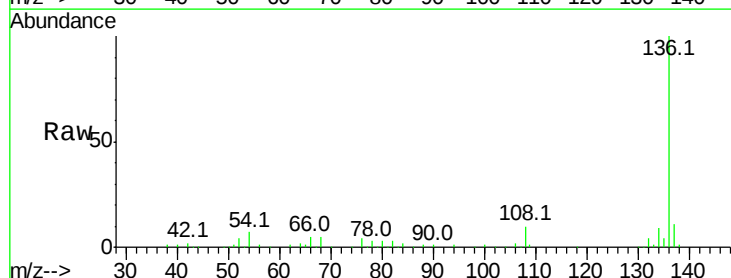
Ion Ratio Lower Upper

136 100

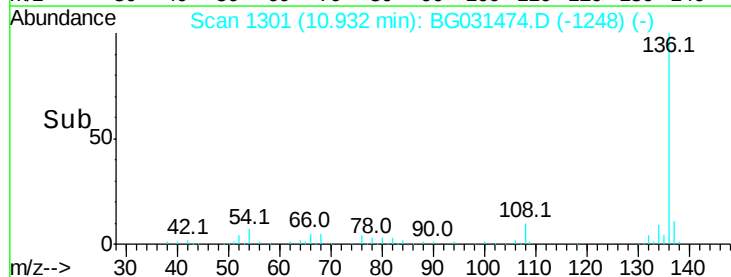
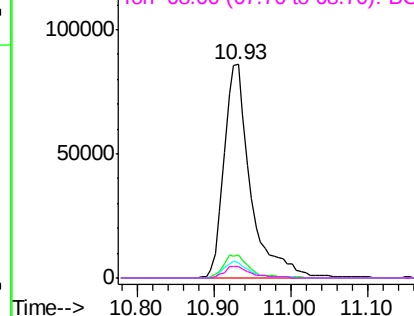
137 10.5 9.2 13.8

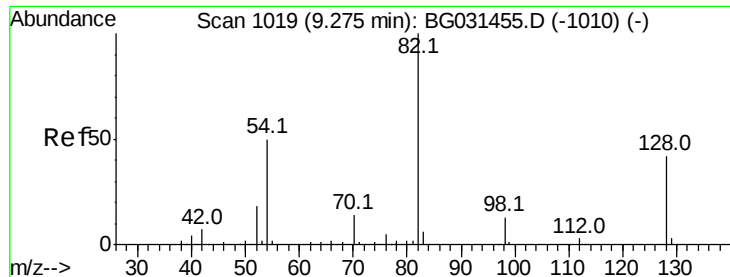
54 7.0 10.3 15.5#

68 5.3 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

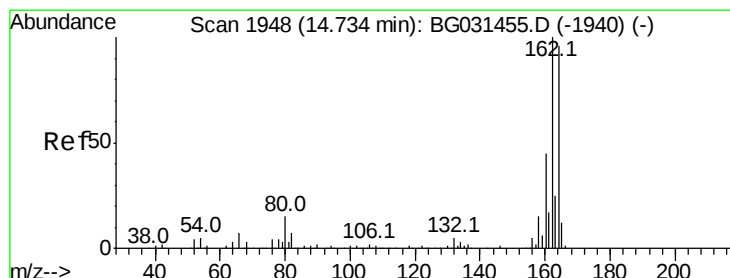
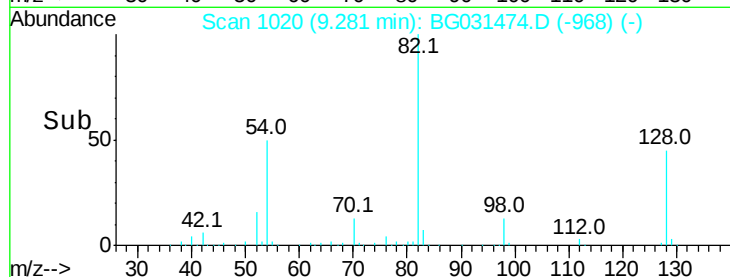
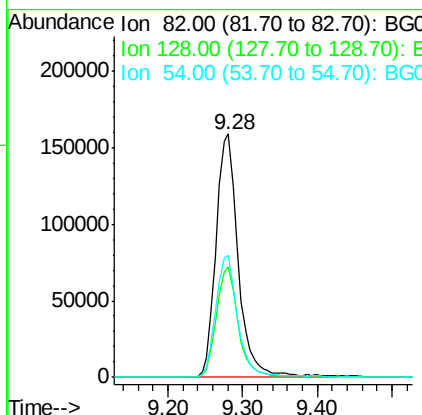
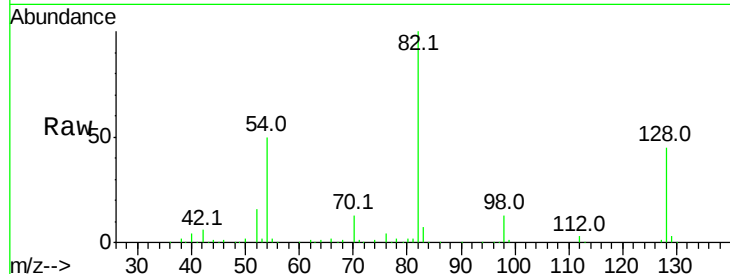




#23
 Nitrobenzene-d5
 Concen: 98.356 ng
 RT: 9.28 min Scan# 1020
 Delta R.T. 0.01 min
 Lab File: BG031474.D
 Acq: 12 Dec 2017 3:50

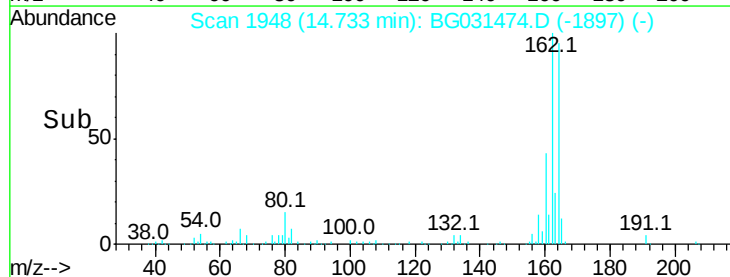
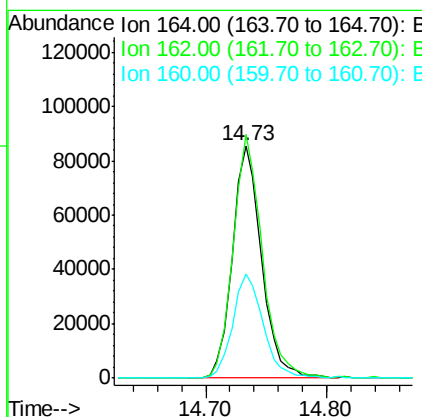
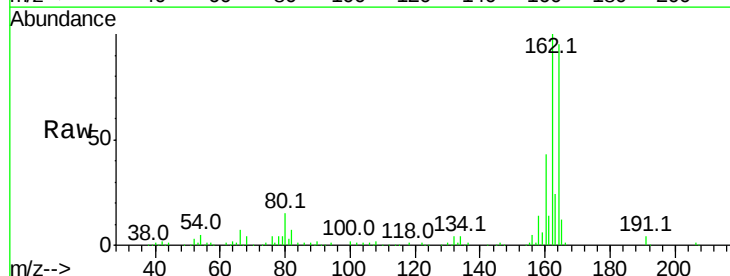
Instrument :
 BNA_G
 ClientSampled :

Tot Ion	82	Resp	330015
Ion Ratio	100	Lower	Upper
128	45.2	29.7	44.5#
54	49.9	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: BG031474.D
 Acq: 12 Dec 2017 3:50

Tgt Ion	164	Resp	143680
Ion Ratio	100	Lower	Upper
162	104.8	78.8	118.2
160	45.0	35.4	53.0

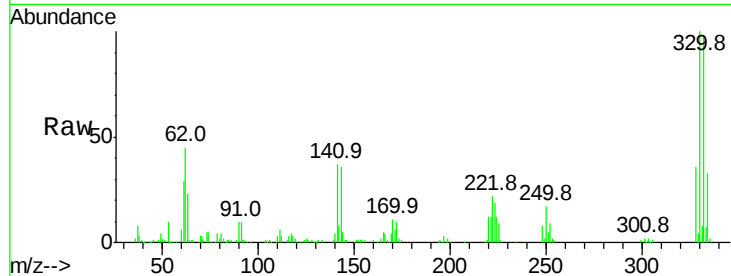




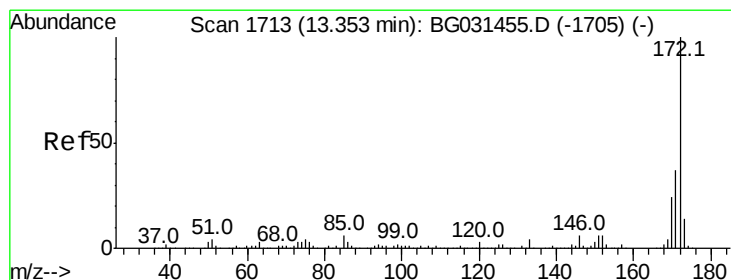
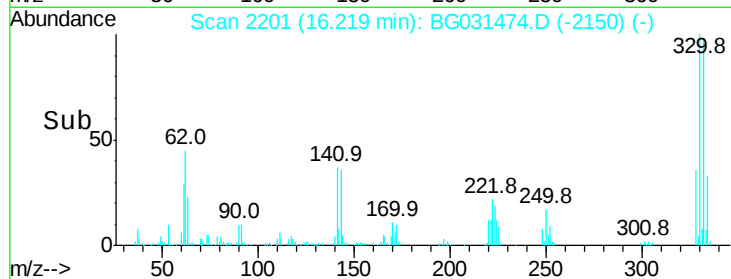
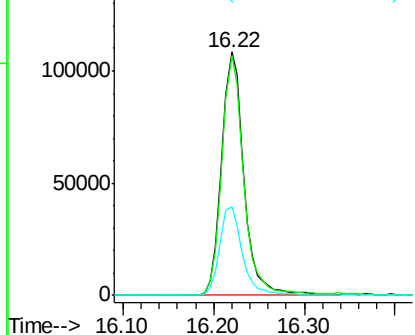
#41
 2,4,6-Tribromophenol
 Concen: 109.990 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. -0.00 min
 Lab File: BG031474.D
 Acq: 12 Dec 2017 3:50

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	36.9	25.2	37.8

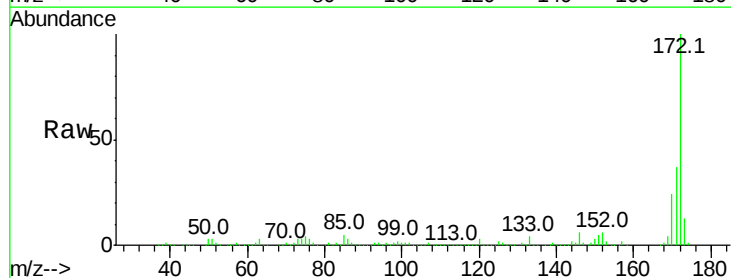


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

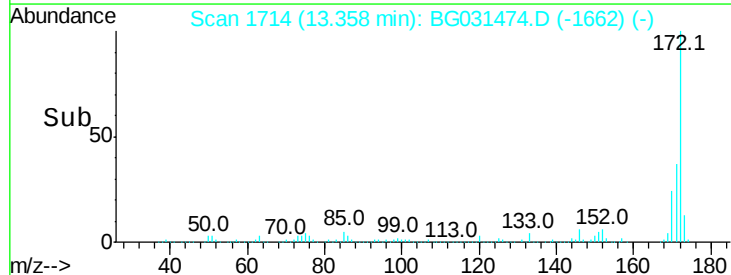
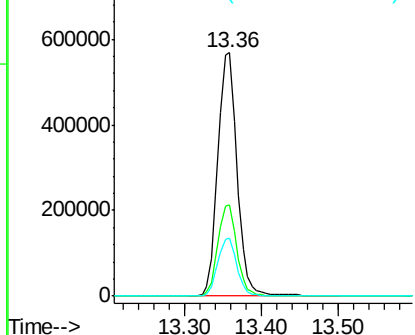


#44
 2-Fluorobiphenyl
 Concen: 100.592 ng
 RT: 13.36 min Scan# 1714
 Delta R.T. 0.01 min
 Lab File: BG031474.D
 Acq: 12 Dec 2017 3:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	30.0	45.0
170	23.9	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

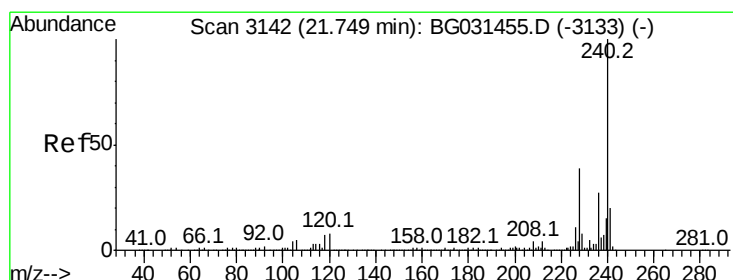
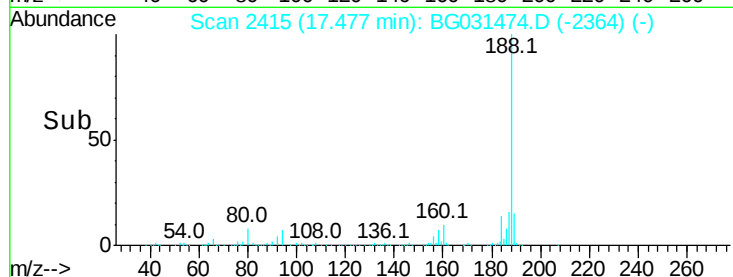
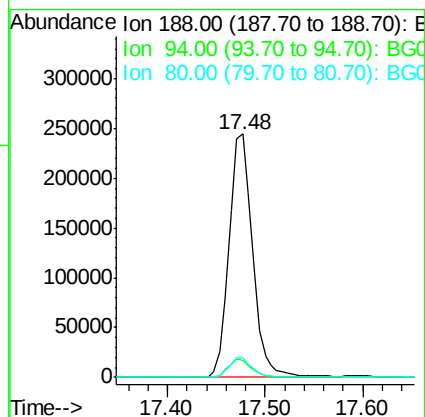
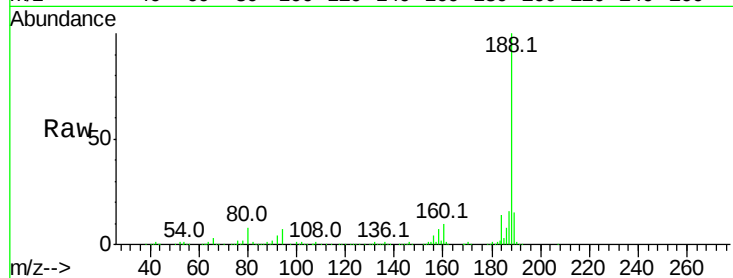




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2415
Delta R.T. -0.00 min
Lab File: BG031474.D
Acq: 12 Dec 2017 3:50

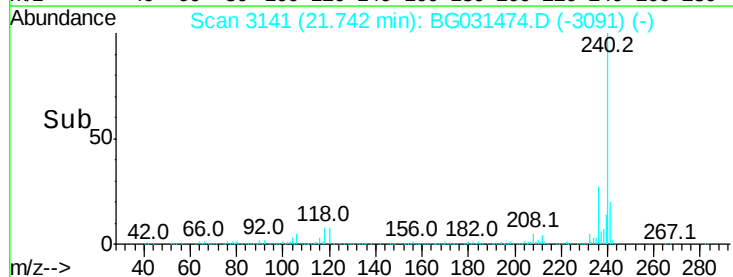
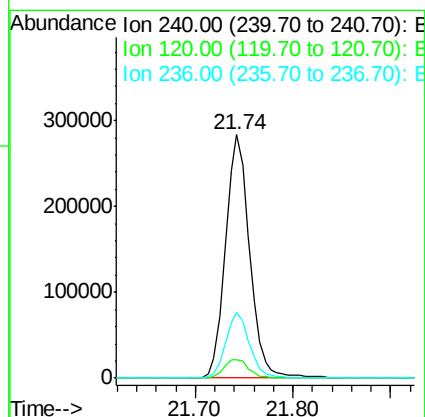
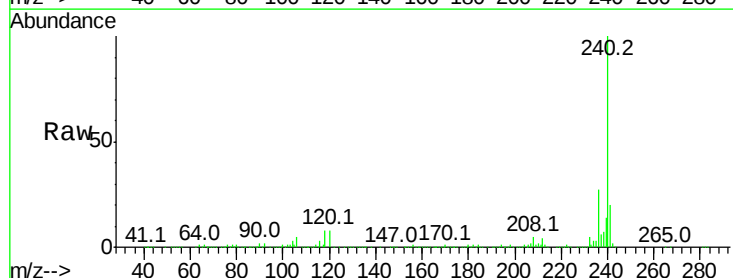
Instrument :
BNA_G
ClientSampleId :

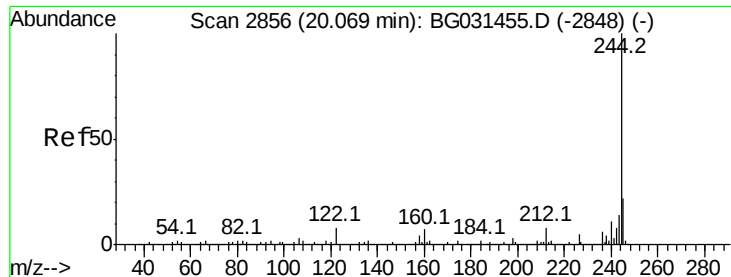
Tot Ion:188 Resp: 410624
Ion Ratio Lower Upper
188 100
94 6.8 6.9 10.3#
80 7.9 7.7 11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.74 min Scan# 3141
Delta R.T. -0.01 min
Lab File: BG031474.D
Acq: 12 Dec 2017 3:50

Tgt Ion:240 Resp: 486273
Ion Ratio Lower Upper
240 100
120 7.5 6.8 10.2
236 26.9 20.9 31.3





#78

Terphenyl-d14

Concen: 87.518 ng

RT: 20.07 min Scan# 2856

Delta R.T. -0.00 min

Lab File: BG031474.D

Acq: 12 Dec 2017 3:50

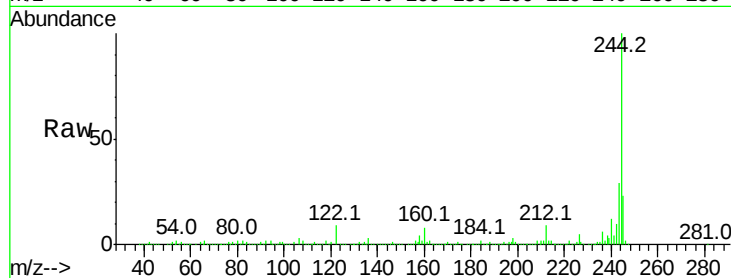
Instrument :

BNA_G

ClientSampleId :

Tot Ion:244 Resp: 1870526

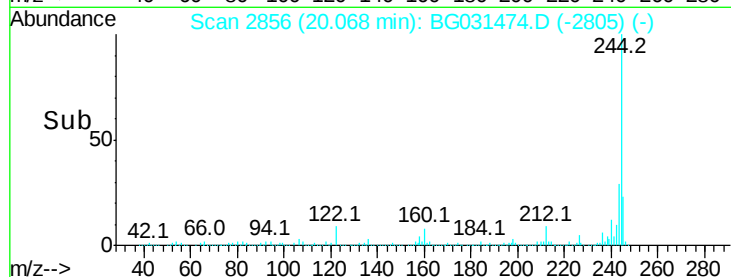
Ion	Ratio	Lower	Upper
244	100		
212	8.6	5.8	8.8
122	8.9	7.0	10.4



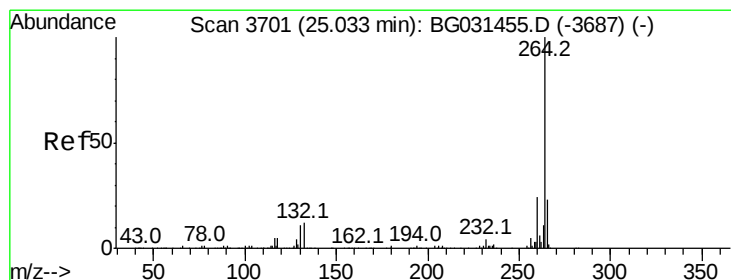
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.02 min Scan# 3699

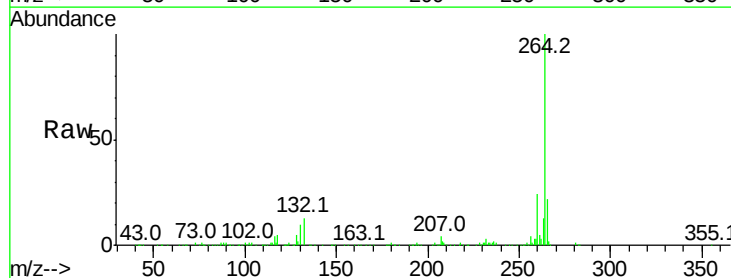
Delta R.T. -0.01 min

Lab File: BG031474.D

Acq: 12 Dec 2017 3:50

Tgt Ion:264 Resp: 466032

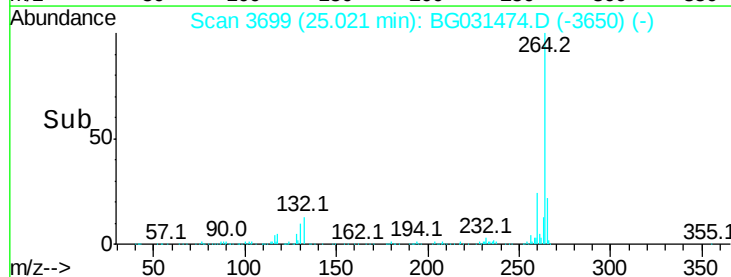
Ion	Ratio	Lower	Upper
264	100		
260	23.8	17.4	26.0
265	22.2	17.7	26.5



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



Time-->