

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121817\
 Data File : BG031639.D
 Acq On : 18 Dec 2017 18:20
 Operator : SJ/JU
 Sample : PB105123BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 19 07:02:47 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	64662	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	283950	20.00	ng	0.00
38) Acenaphthene-d10	14.72	164	191477	20.00	ng	0.00
63) Phenanthrene-d10	17.47	188	515798	20.00	ng	0.00
75) Chrysene-d12	21.73	240	565194	20.00	ng	-0.01
86) Perylene-d12	25.02	264	494338	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	580006	158.99	ng	0.00
7) Phenol-d6	7.27	99	730185	144.18	ng	0.00
23) Nitrobenzene-d5	9.27	82	422469	91.70	ng	0.00
41) 2,4,6-Tribromophenol	16.21	330	345589	154.06	ng	0.00
44) 2-Fluorobiphenyl	13.34	172	1276539	97.86	ng	0.00
78) Terphenyl-d14	20.06	244	2364767	95.19	ng	0.00

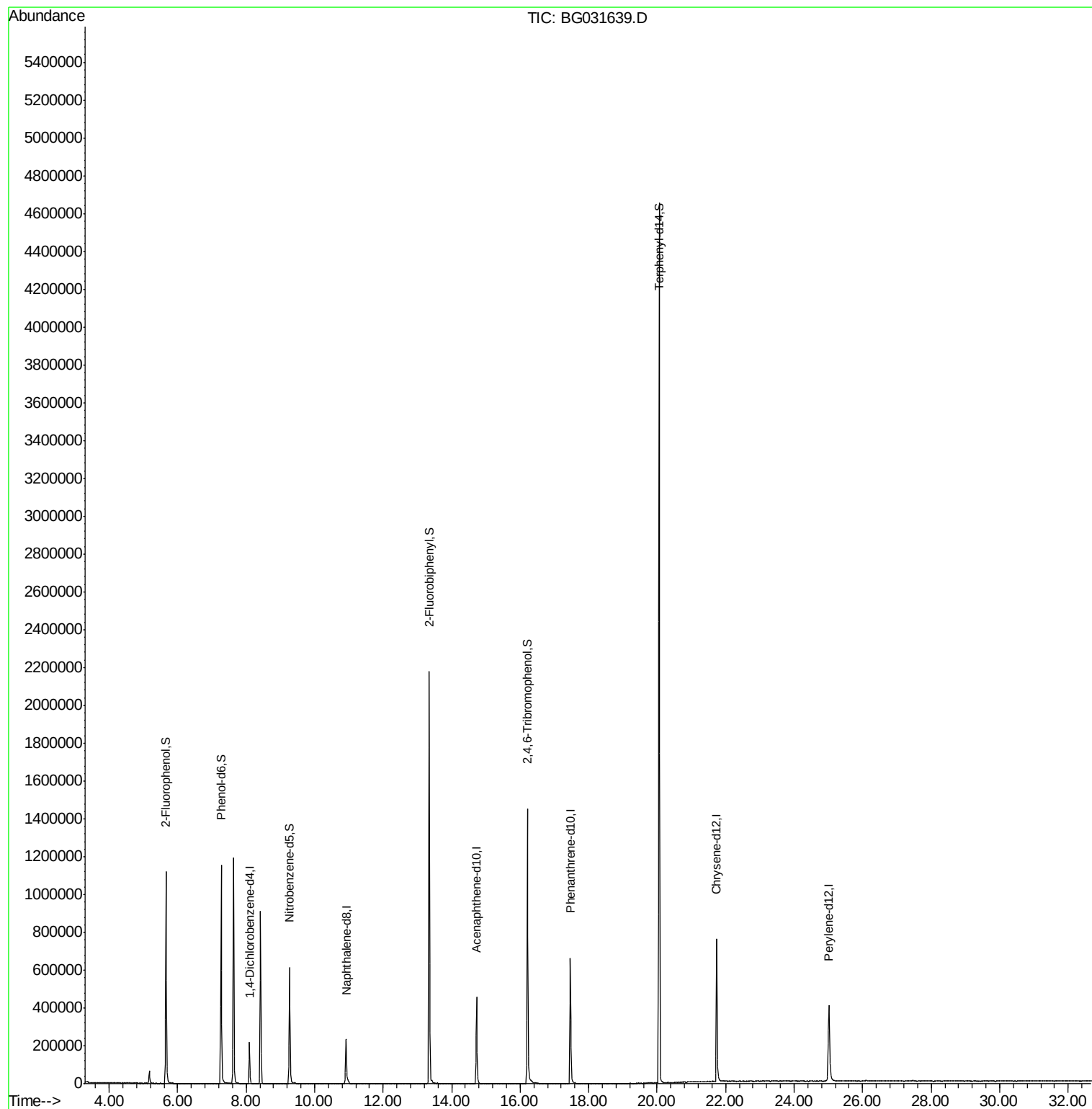
Target Compounds Qvalue

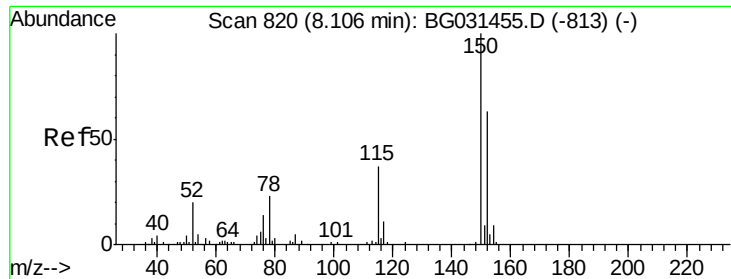
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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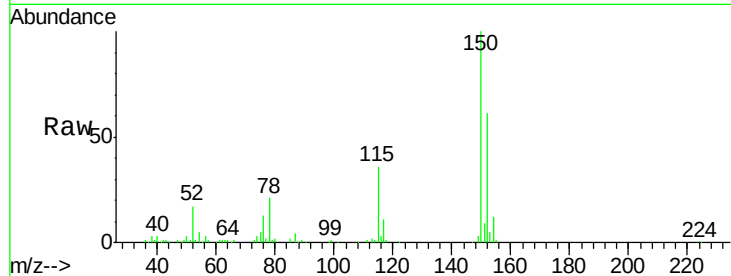


#1

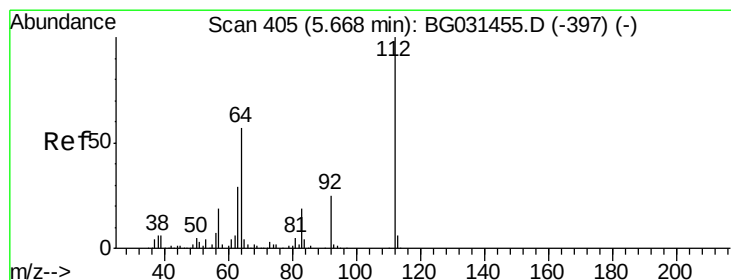
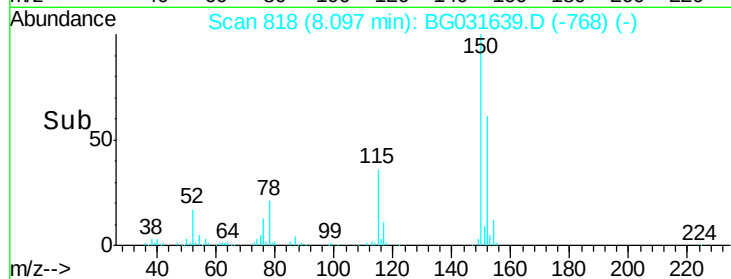
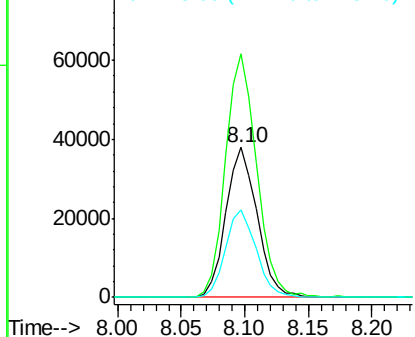
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 818
Delta R.T. -0.01 min
Lab File: BG031639.D
Acq: 18 Dec 2017 18:20

Instrument :
BNA_G
ClientSampleId :

Tot Ion	152	Resp	64662
Ion	Ratio	Lower	Upper
152	100		
150	162.7	126.6	189.8
115	58.7	53.0	79.4



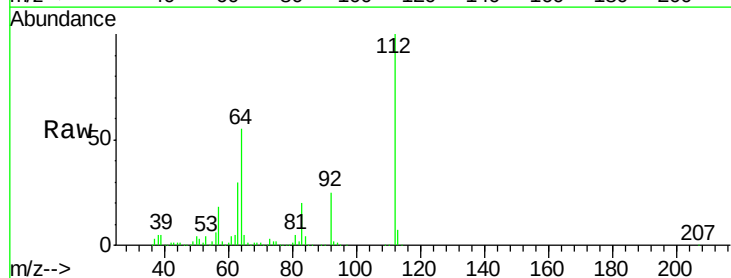
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



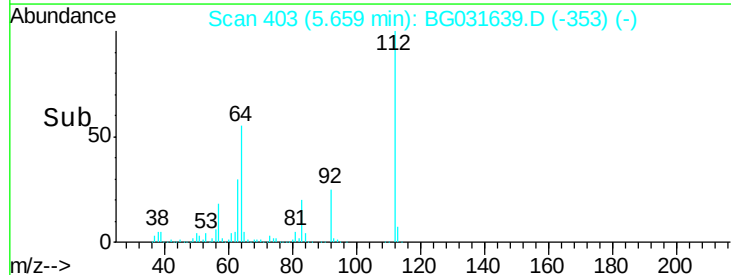
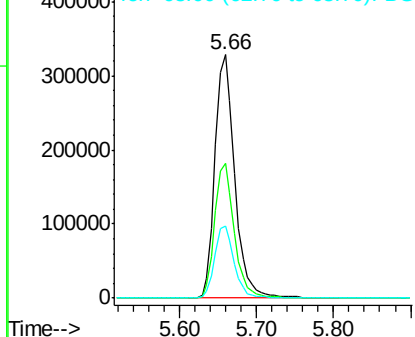
#5

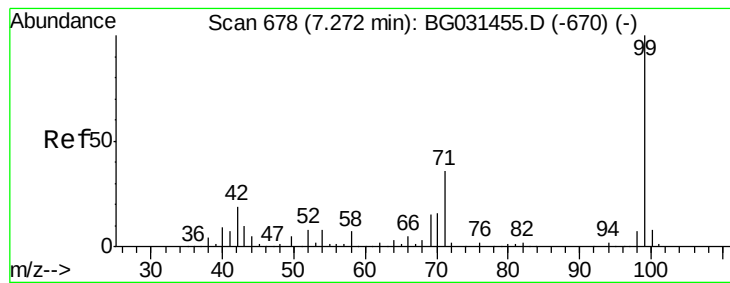
2-Fluorophenol
Concen: 158.992 ng
RT: 5.66 min Scan# 403
Delta R.T. -0.01 min
Lab File: BG031639.D
Acq: 18 Dec 2017 18:20

Tgt Ion	112	Resp	580006
Ion	Ratio	Lower	Upper
112	100		
64	55.4	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): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 144.182 ng

RT: 7.27 min Scan# 677

Delta R.T. -0.00 min

Lab File: BG031639.D

Acq: 18 Dec 2017 18:20

Instrument :

BNA_G

ClientSampleId :

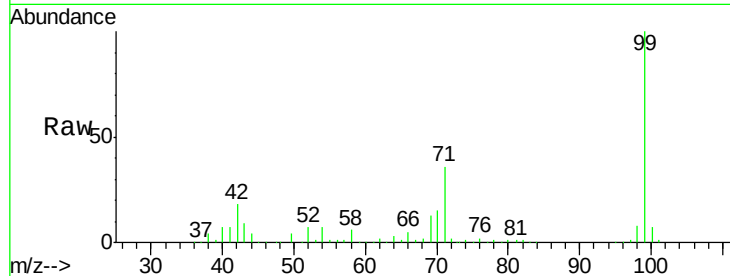
Tot Ion: 99 Resp: 730185

Ion Ratio Lower Upper

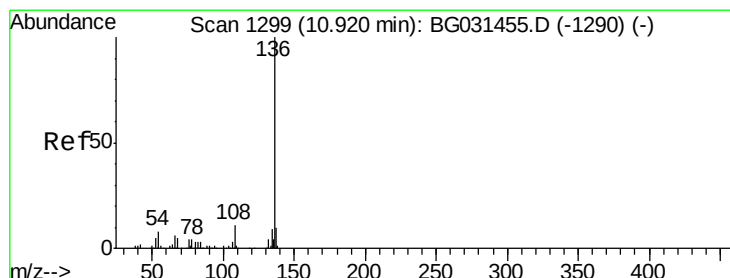
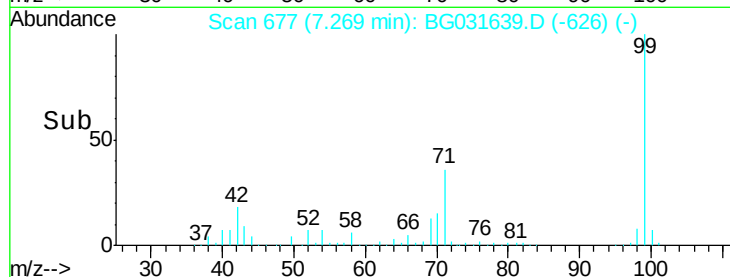
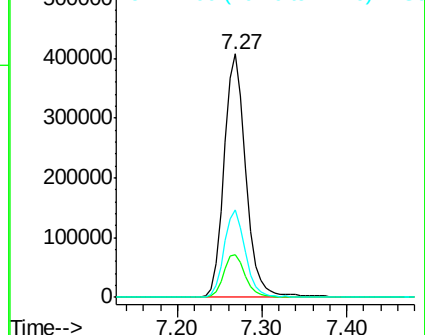
99 100

42 17.6 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# 1297

Delta R.T. -0.01 min

Lab File: BG031639.D

Acq: 18 Dec 2017 18:20

Tgt Ion: 136 Resp: 283950

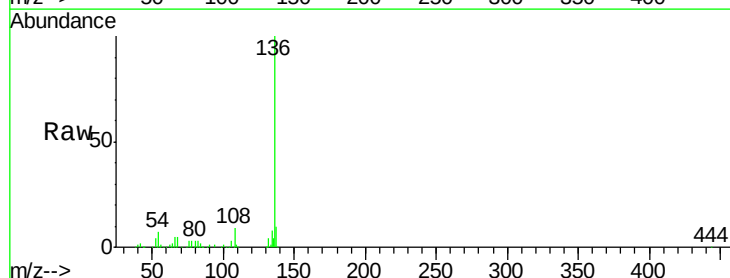
Ion Ratio Lower Upper

136 100

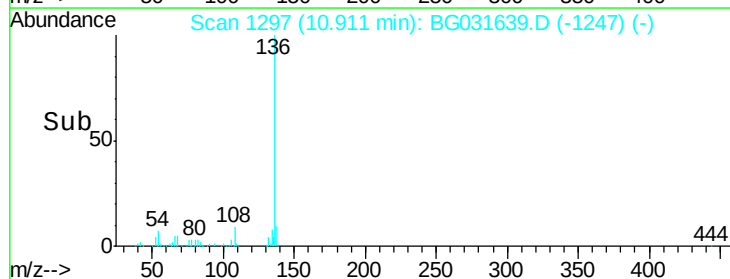
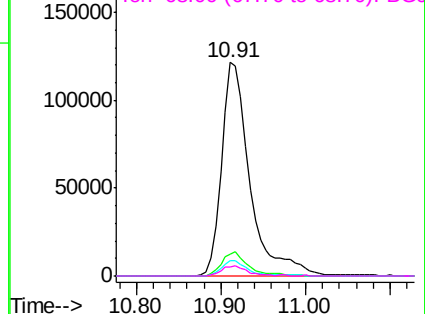
137 10.4 9.2 13.8

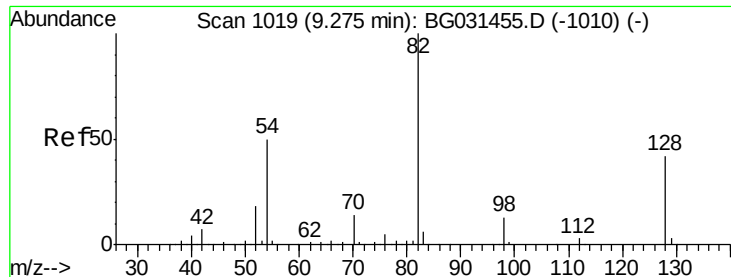
54 7.2 10.3 15.5#

68 4.5 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

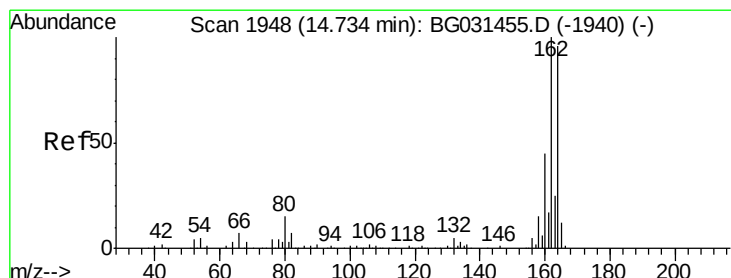
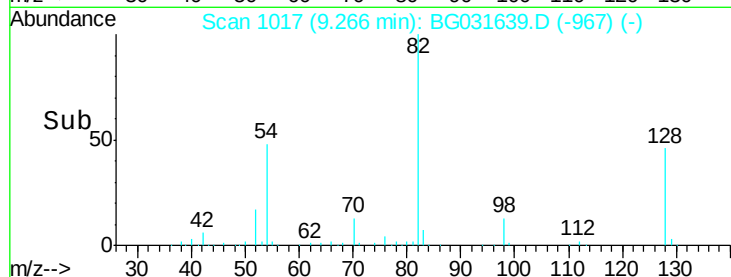
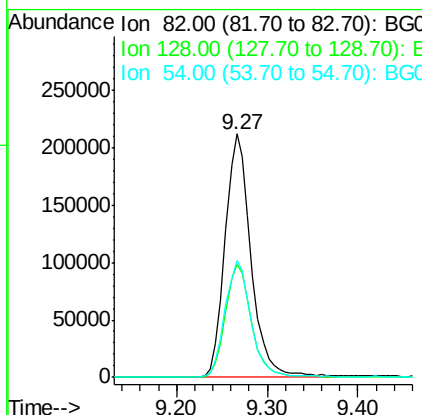
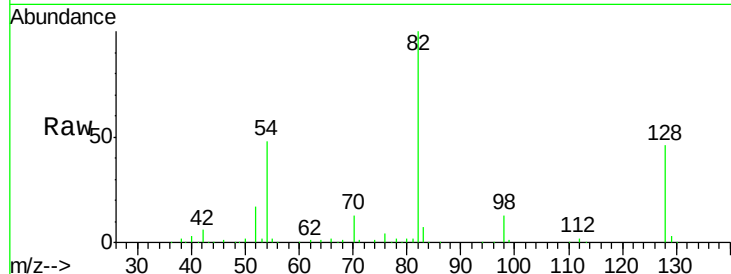




#23
 Nitrobenzene-d5
 Concen: 91.705 ng
 RT: 9.27 min Scan# 1017
 Delta R.T. -0.01 min
 Lab File: BG031639.D
 Acq: 18 Dec 2017 18:20

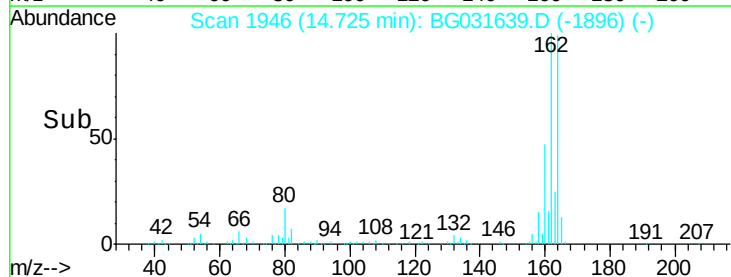
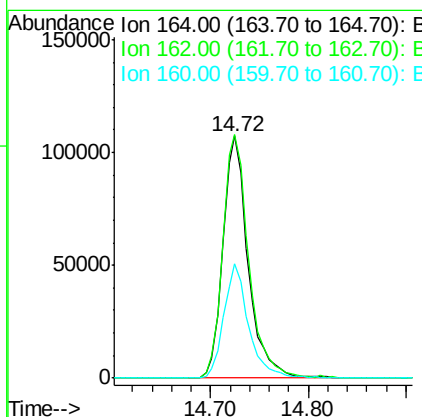
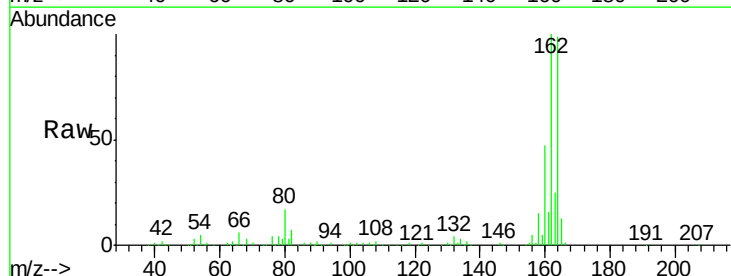
Instrument :
 BNA_G
 ClientSampleId :

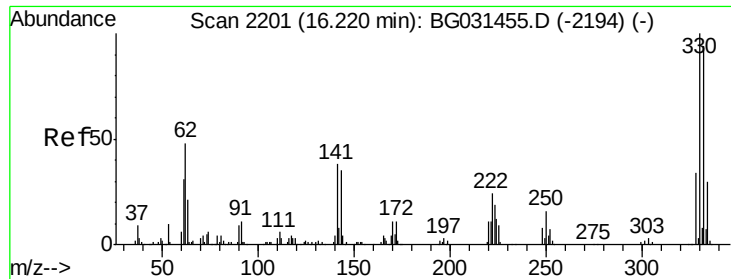
Tot Ion	82	Resp	422469
Ion Ratio	Lower	Upper	
82	100		
128	46.3	29.7	44.5#
54	47.9	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.72 min Scan# 1946
 Delta R.T. -0.01 min
 Lab File: BG031639.D
 Acq: 18 Dec 2017 18:20

Tgt Ion	164	Resp	191477
Ion Ratio	Lower	Upper	
164	100		
162	100.5	78.8	118.2
160	47.0	35.4	53.0

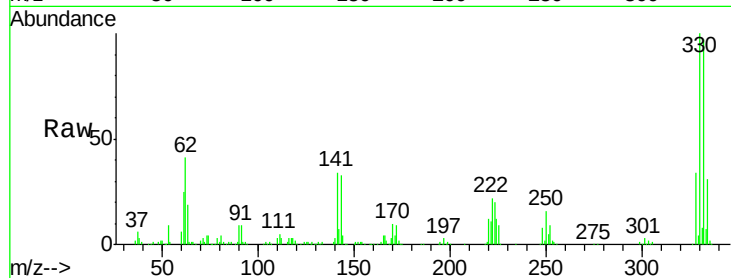




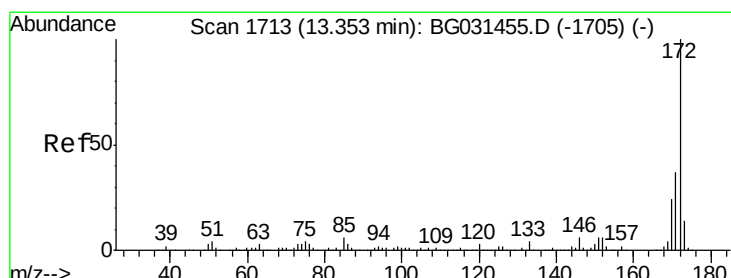
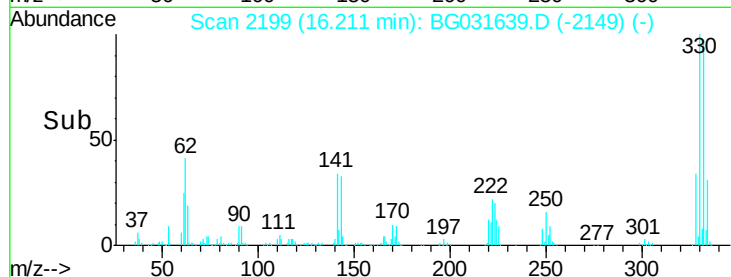
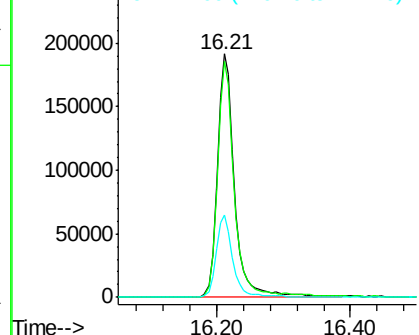
#41
 2,4,6-Tribromophenol
 Concen: 154.058 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. -0.01 min
 Lab File: BG031639.D
 Acq: 18 Dec 2017 18:20

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.4	77.0	115.6
141	33.1	25.2	37.8

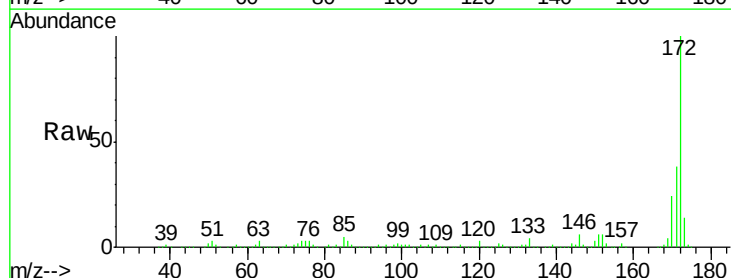


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

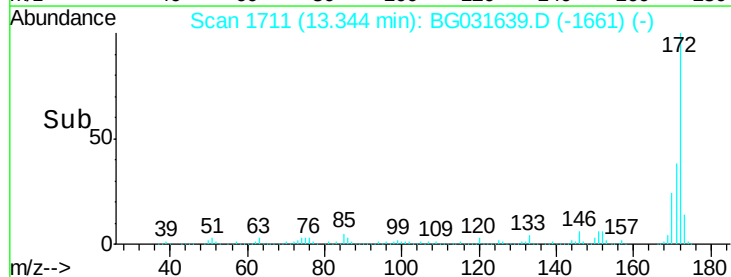
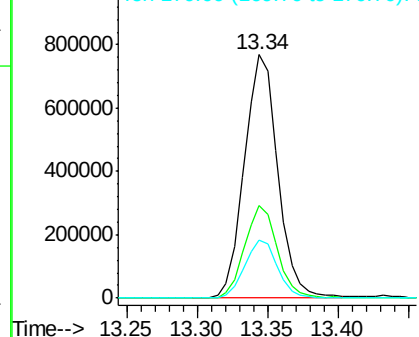


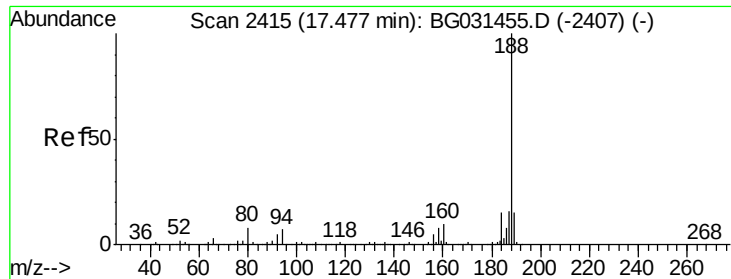
#44
 2-Fluorobiphenyl
 Concen: 97.860 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BG031639.D
 Acq: 18 Dec 2017 18:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.0	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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.47 min Scan# 2413

Delta R.T. -0.01 min

Lab File: BG031639.D

Acq: 18 Dec 2017 18:20

Instrument :

BNA_G

ClientSampleId :

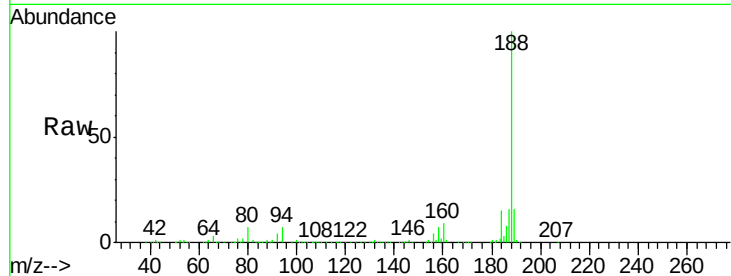
Tot Ion:188 Resp: 515798

Ion Ratio Lower Upper

188 100

94 6.9 6.9 10.3

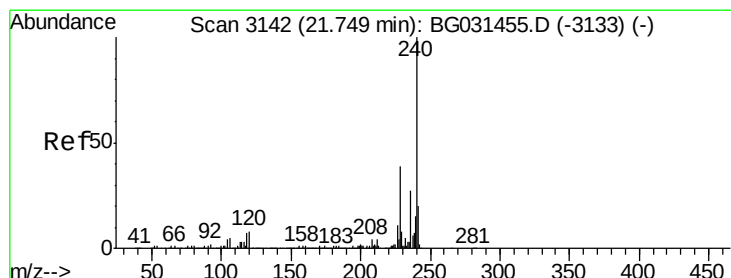
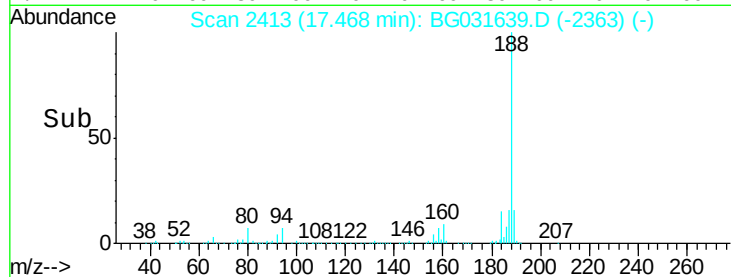
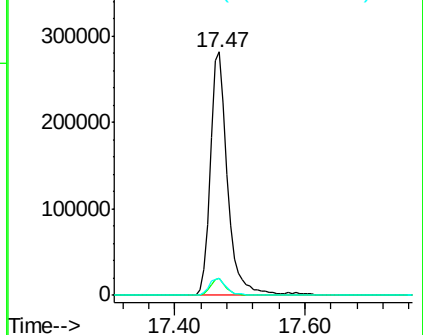
80 7.1 7.7 11.5#



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: 21.73 min Scan# 3139

Delta R.T. -0.01 min

Lab File: BG031639.D

Acq: 18 Dec 2017 18:20

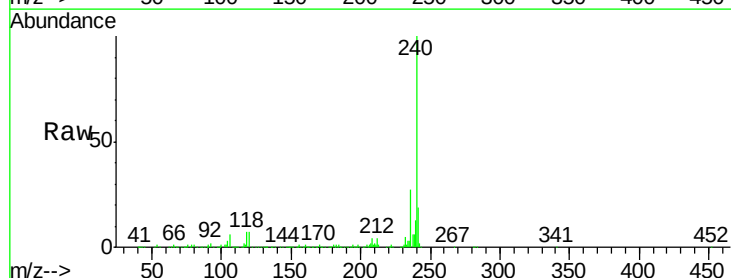
Tgt Ion:240 Resp: 565194

Ion Ratio Lower Upper

240 100

120 7.4 6.8 10.2

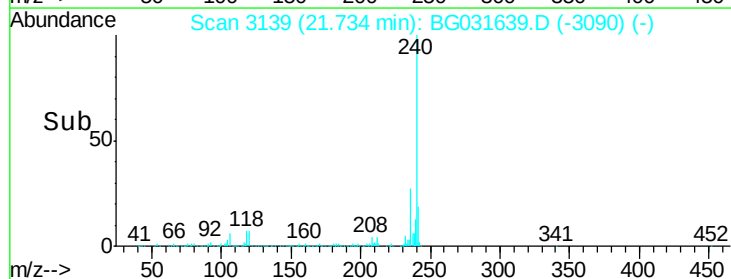
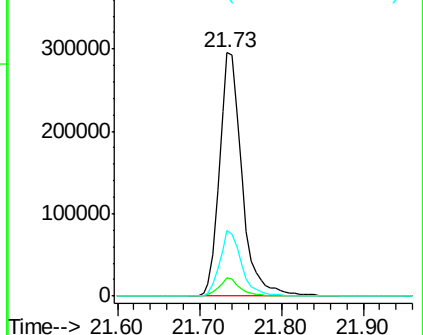
236 26.8 20.9 31.3

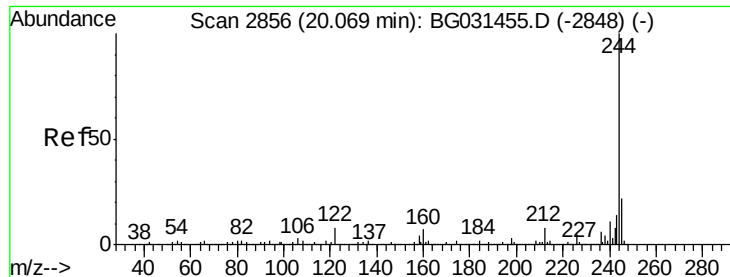


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 95.193 ng

RT: 20.06 min Scan# 2854

Delta R.T. -0.01 min

Lab File: BG031639.D

Acq: 18 Dec 2017 18:20

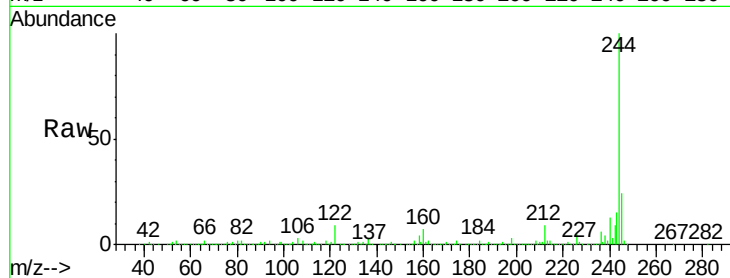
Instrument :

BNA_G

ClientSampleId :

Tot Ion:244 Resp: 2364767

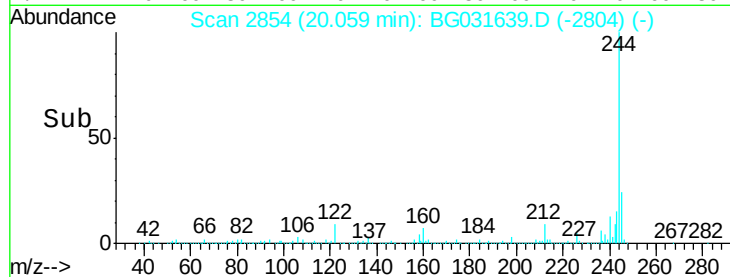
Ion	Ratio	Lower	Upper
244	100		
212	8.6	5.8	8.8
122	8.7	7.0	10.4



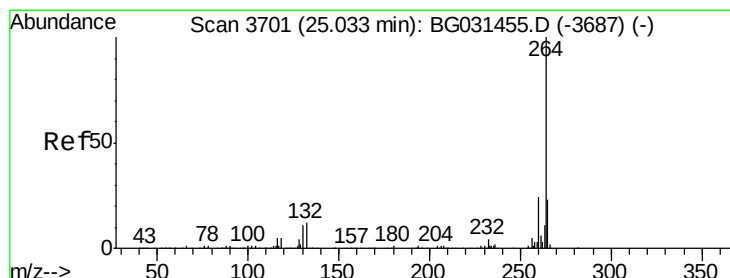
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.02 min Scan# 3698

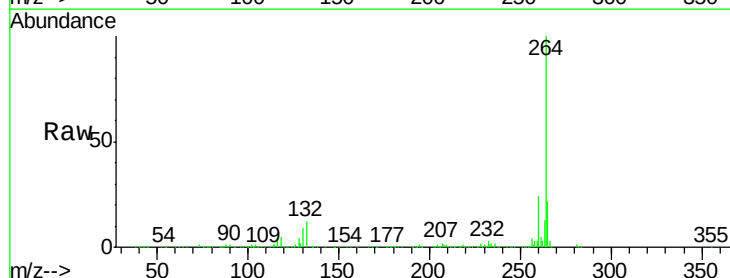
Delta R.T. -0.01 min

Lab File: BG031639.D

Acq: 18 Dec 2017 18:20

Tgt Ion:264 Resp: 494338

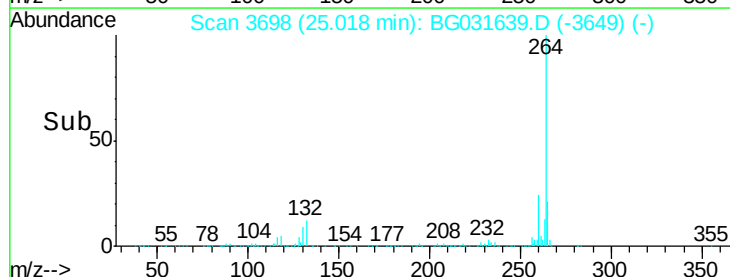
Ion	Ratio	Lower	Upper
264	100		
260	24.0	17.4	26.0
265	21.6	17.7	26.5



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-->