

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG121417\
 Data File : BG031568.D
 Acq On : 14 Dec 2017 21:03
 Operator : SJ/JU
 Sample : I6884-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-4-20171211

Quant Time: Dec 15 03:16:25 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	76360	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	328724	20.00	ng	0.00
38) Acenaphthene-d10	14.72	164	216087	20.00	ng	-0.01
63) Phenanthrene-d10	17.47	188	559647	20.00	ng	-0.01
75) Chrysene-d12	21.74	240	658226	20.00	ng	-0.01
86) Perylene-d12	25.02	264	579202	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	269894	62.65	ng	0.00
7) Phenol-d6	7.27	99	202316	33.83	ng	0.00
23) Nitrobenzene-d5	9.27	82	486967	91.31	ng	-0.01
41) 2,4,6-Tribromophenol	16.21	330	401535	158.61	ng	-0.01
44) 2-Fluorobiphenyl	13.35	172	1375142	93.41	ng	0.00
78) Terphenyl-d14	20.06	244	2427545	83.91	ng	0.00

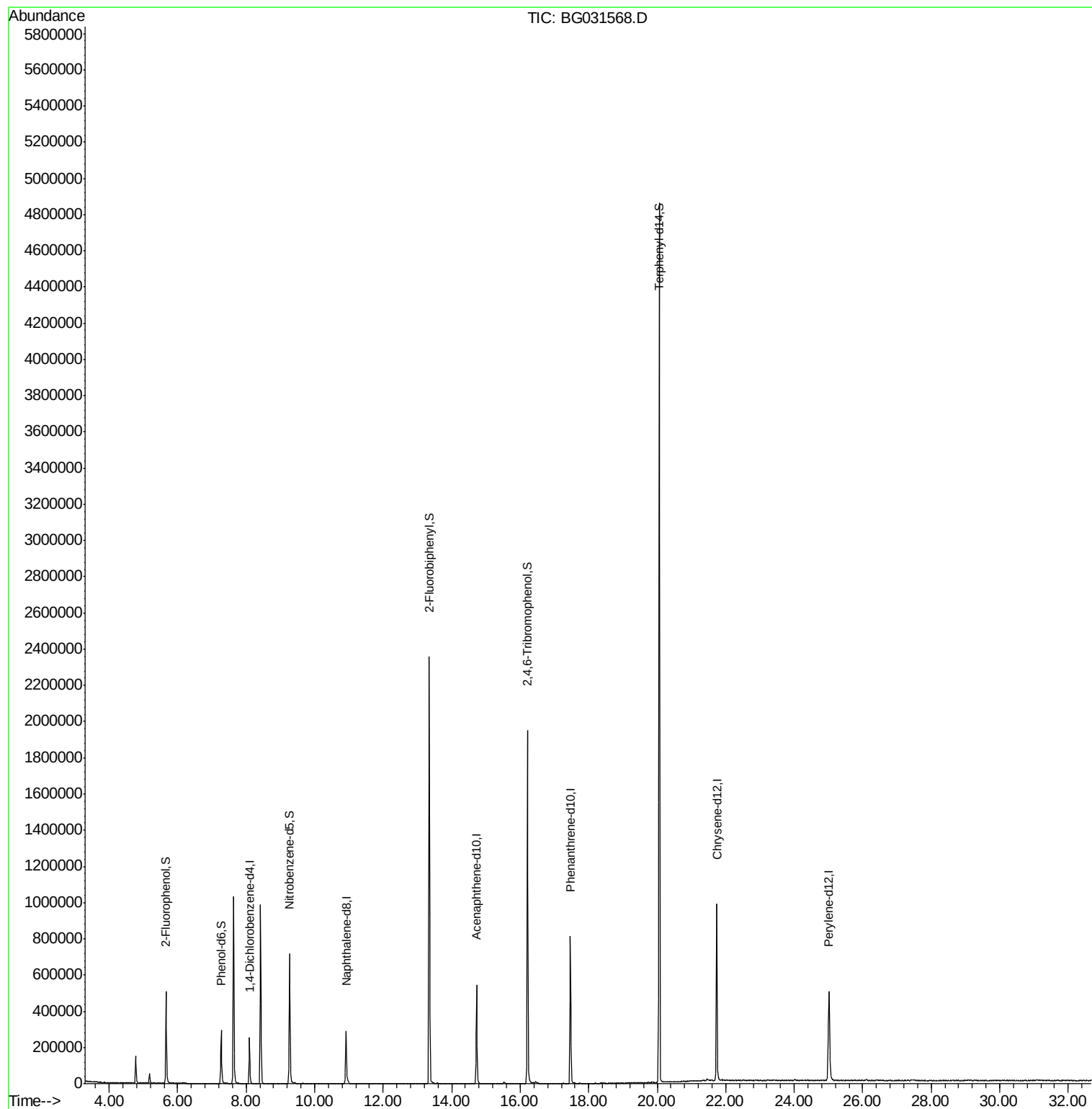
Target Compounds Qvalue

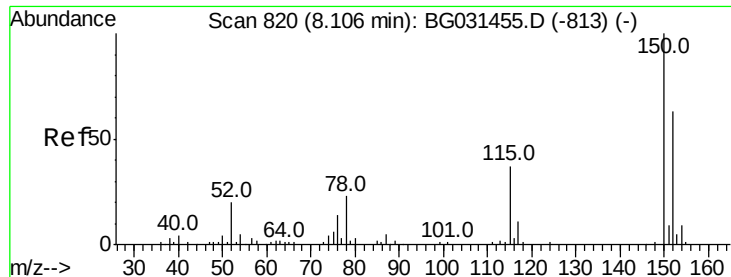
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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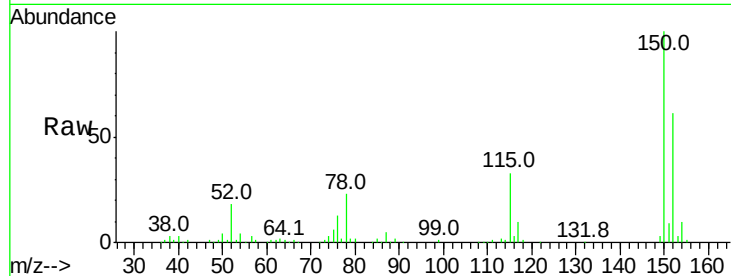


#1

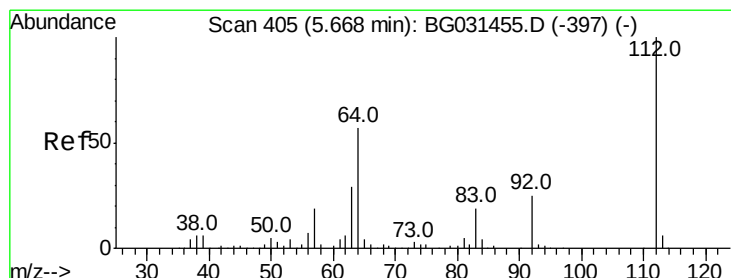
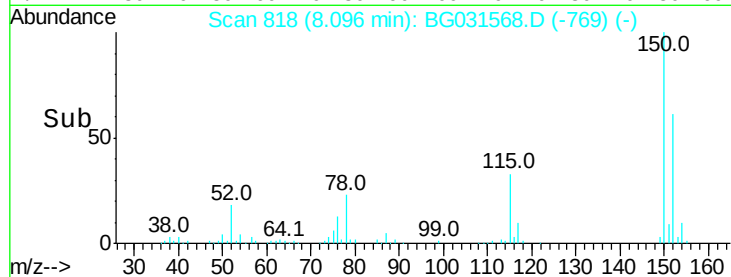
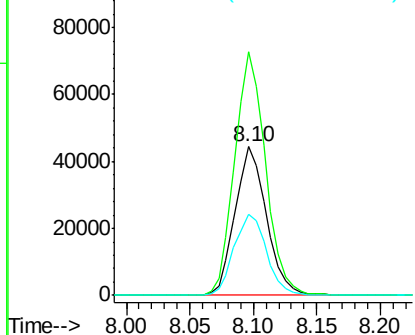
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 818
Delta R.T. -0.01 min
Lab File: BG031568.D
Acq: 14 Dec 2017 21:03

Instrument :
BNA_G
ClientSampleId :
MW-4-20171211

Tot Ion:152 Resp: 76360
Ion Ratio Lower Upper
152 100
150 163.8 126.6 189.8
115 54.6 53.0 79.4



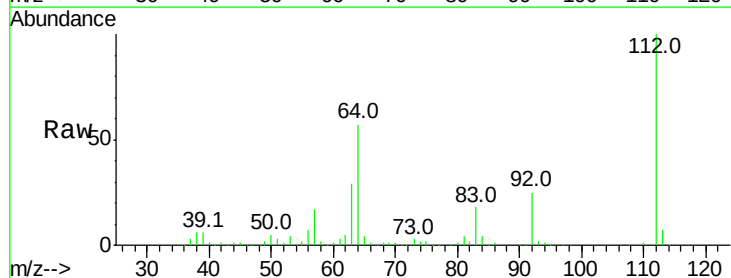
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



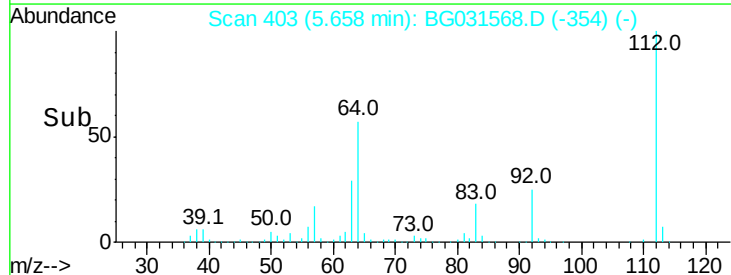
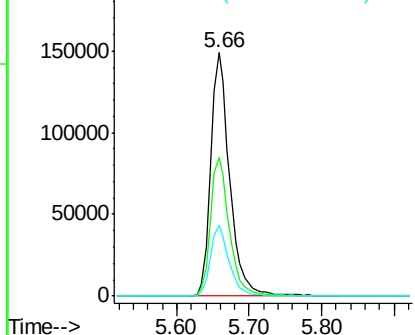
#5

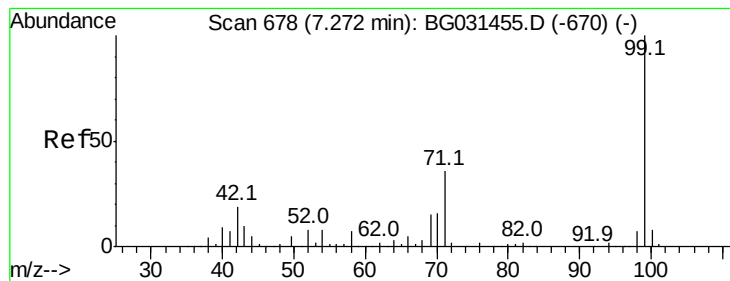
2-Fluorophenol
Concen: 62.650 ng
RT: 5.66 min Scan# 403
Delta R.T. -0.01 min
Lab File: BG031568.D
Acq: 14 Dec 2017 21:03

Tgt Ion:112 Resp: 269894
Ion Ratio Lower Upper
112 100
64 57.2 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: 33.829 ng

RT: 7.27 min Scan# 677

Delta R.T. -0.00 min

Lab File: BG031568.D

Acq: 14 Dec 2017 21:03

Instrument :

BNA_G

ClientSampleId :

MW-4-20171211

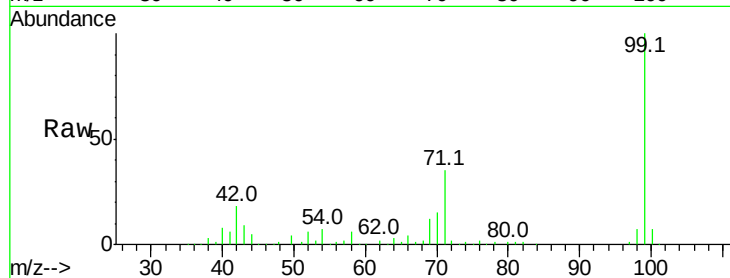
Tot Ion: 99 Resp: 202316

Ion Ratio Lower Upper

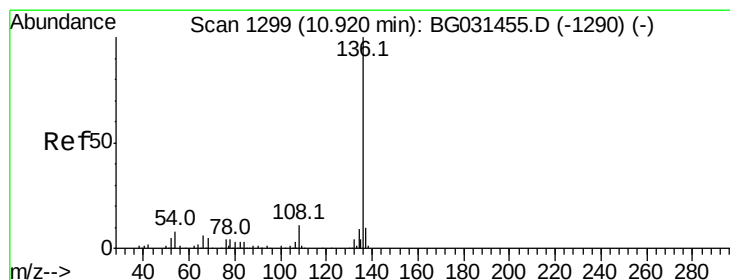
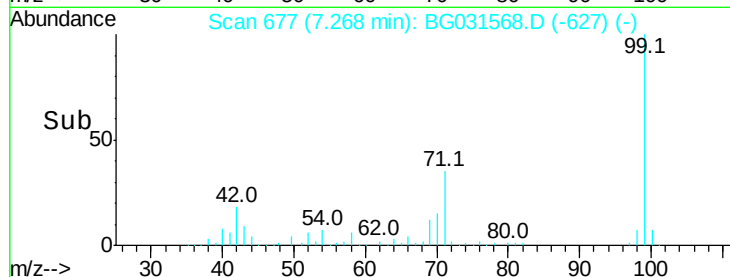
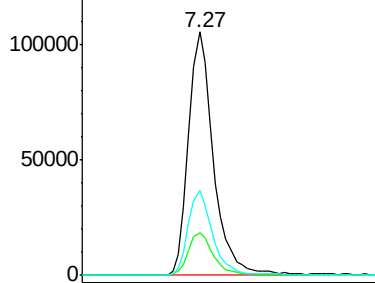
99 100

42 17.6 14.1 21.1

71 35.0 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: 10.92 min Scan# 1298

Delta R.T. -0.00 min

Lab File: BG031568.D

Acq: 14 Dec 2017 21:03

Tgt Ion: 136 Resp: 328724

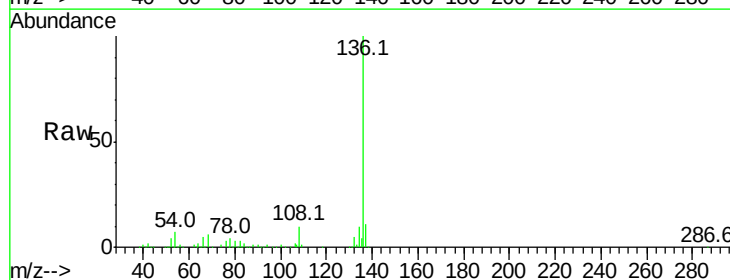
Ion Ratio Lower Upper

136 100

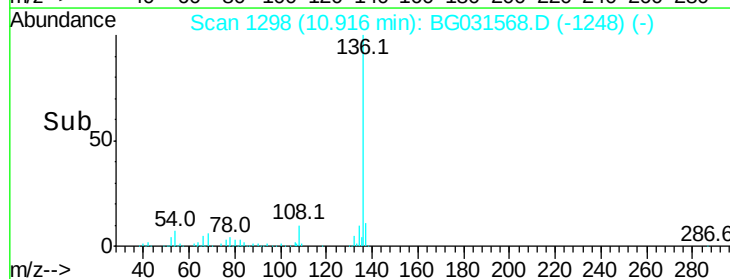
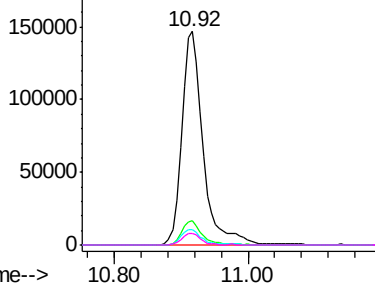
137 11.3 9.2 13.8

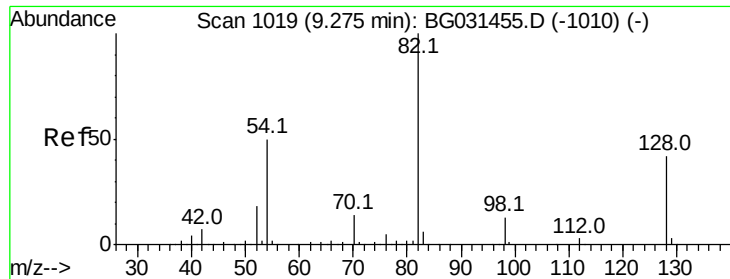
54 7.0 10.3 15.5#

68 5.7 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

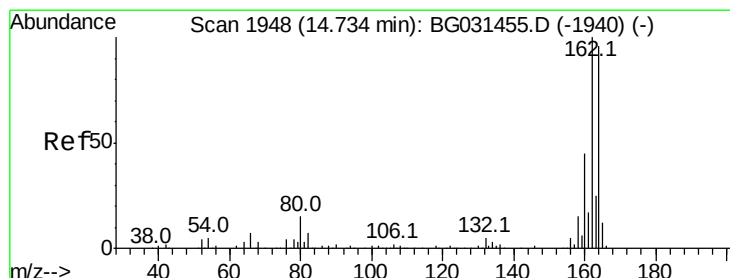
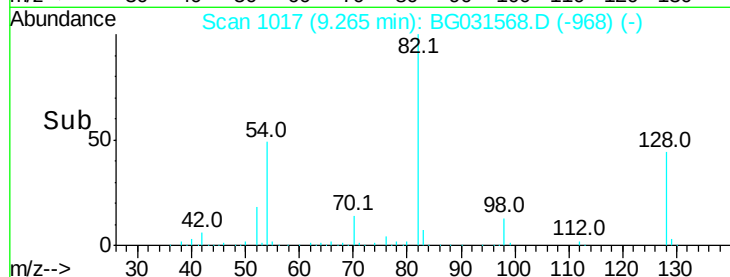
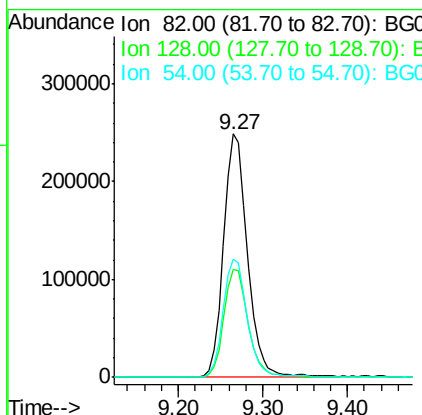
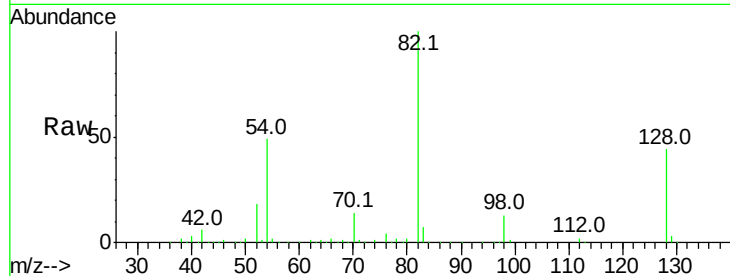




#23
Nitrobenzene-d5
Concen: 91.308 ng
RT: 9.27 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BG031568.D
Acq: 14 Dec 2017 21:03

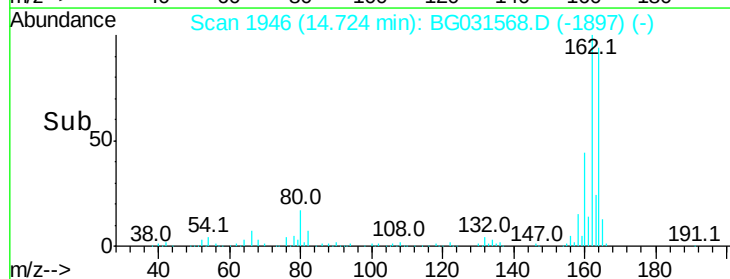
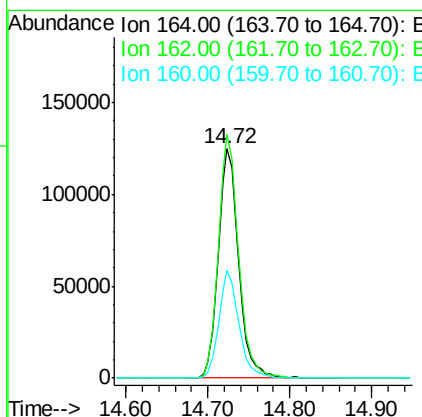
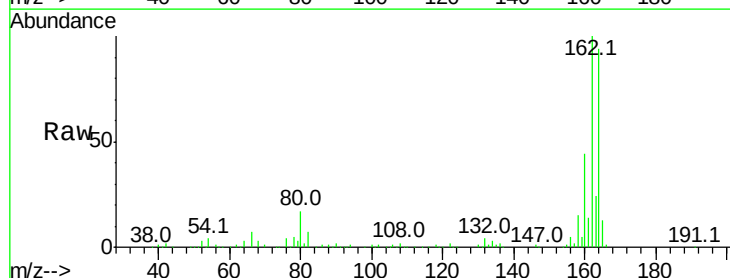
Instrument :
BNA_G
ClientSampleId :
MW-4-20171211

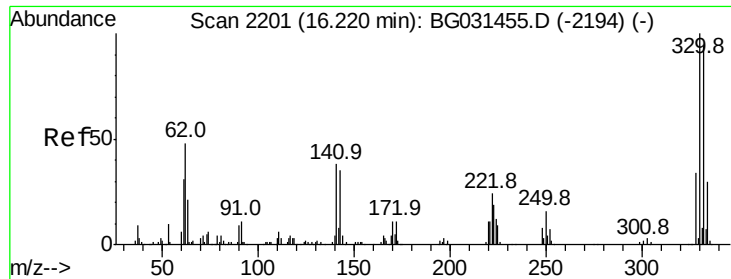
Tot Ion	82	Resp	486967
Ion Ratio	Lower	Upper	
82	100		
128	44.3	29.7	44.5
54	48.5	43.1	64.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1946
Delta R.T. -0.01 min
Lab File: BG031568.D
Acq: 14 Dec 2017 21:03

Tgt Ion	164	Resp	216087
Ion Ratio	Lower	Upper	
164	100		
162	106.3	78.8	118.2
160	47.2	35.4	53.0

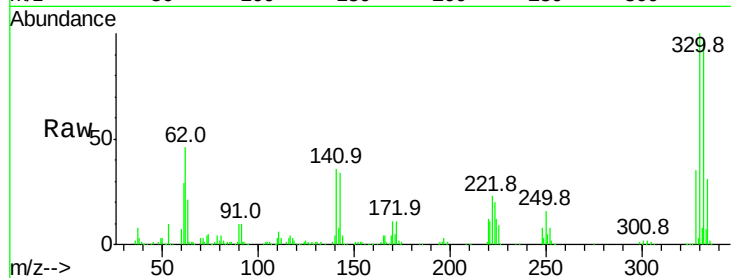




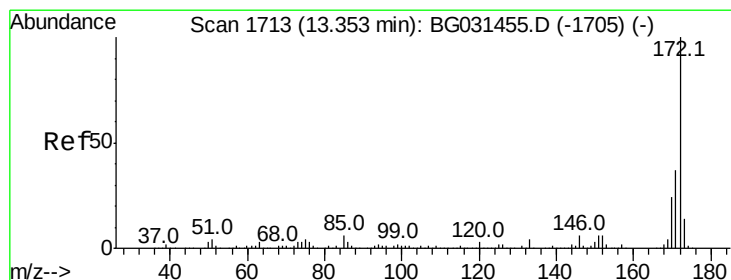
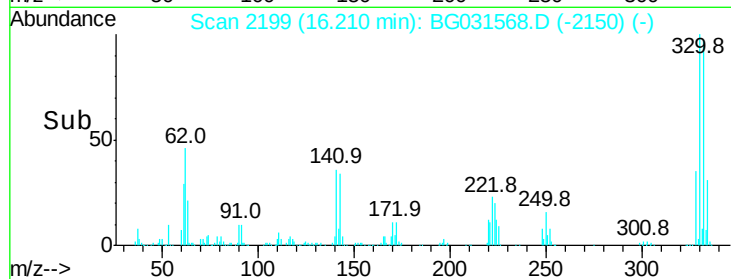
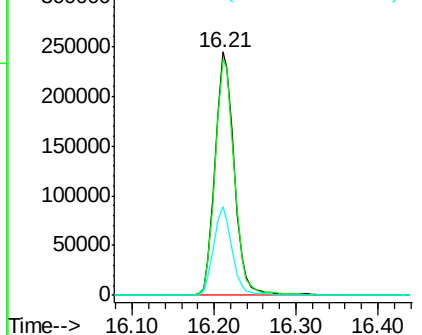
#41
 2,4,6-Tribromophenol
 Concen: 158.612 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. -0.01 min
 Lab File: BG031568.D
 Acq: 14 Dec 2017 21:03

Instrument :
 BNA_G
 ClientSampleId :
 MW-4-20171211

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.0	115.6
141	35.3	25.2	37.8

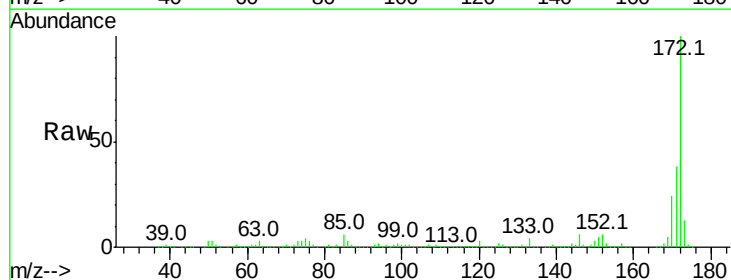


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

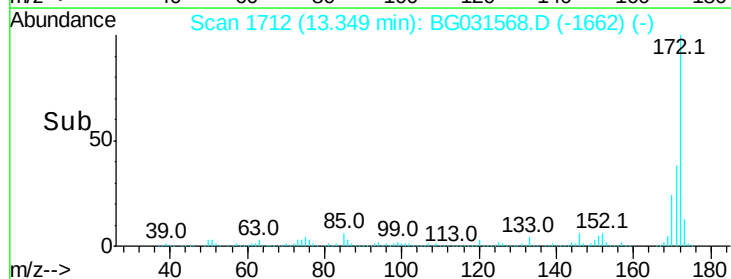
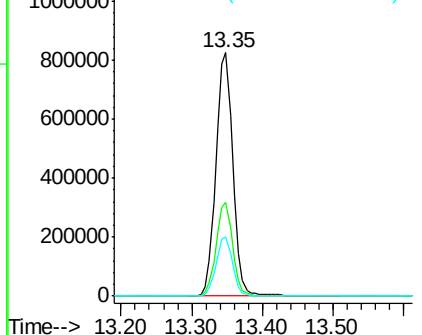


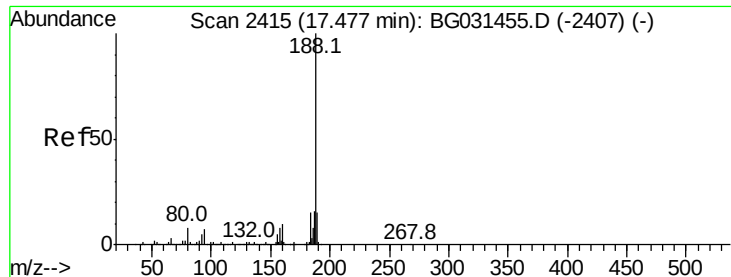
#44
 2-Fluorobiphenyl
 Concen: 93.413 ng
 RT: 13.35 min Scan# 1712
 Delta R.T. -0.00 min
 Lab File: BG031568.D
 Acq: 14 Dec 2017 21:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.3	30.0	45.0
170	24.2	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: BG031568.D

Acq: 14 Dec 2017 21:03

Instrument :

BNA_G

ClientSampleId :

MW-4-20171211

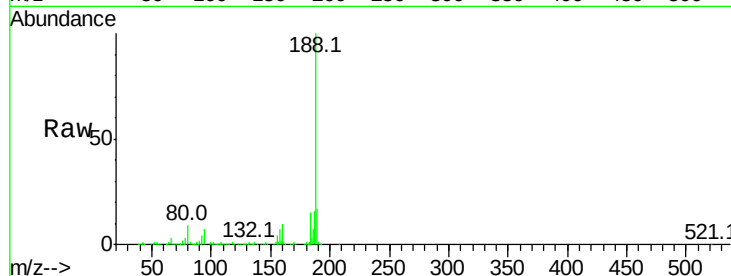
Tot Ion:188 Resp: 559647

Ion Ratio Lower Upper

188 100

94 7.1 6.9 10.3

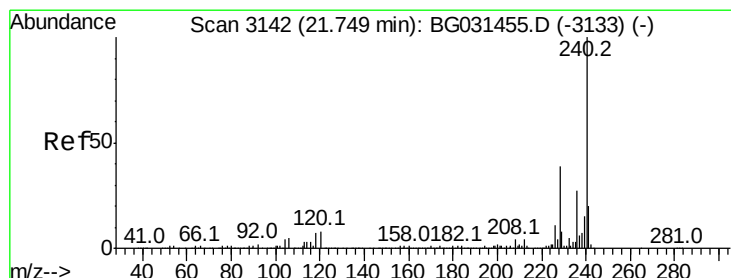
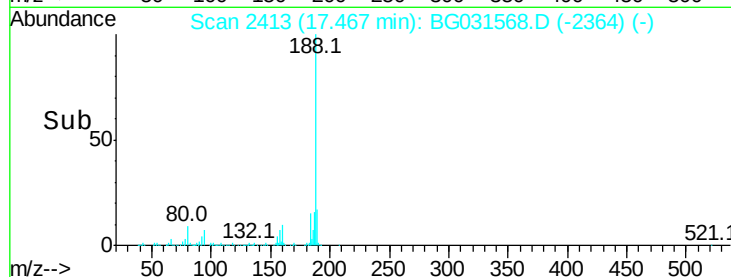
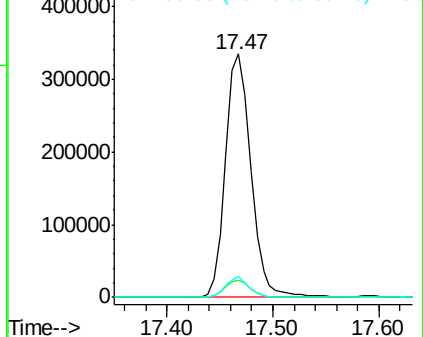
80 8.5 7.7 11.5



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# 3140

Delta R.T. -0.01 min

Lab File: BG031568.D

Acq: 14 Dec 2017 21:03

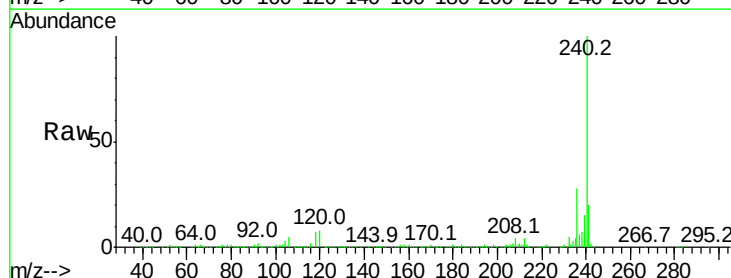
Tgt Ion:240 Resp: 658226

Ion Ratio Lower Upper

240 100

120 7.7 6.8 10.2

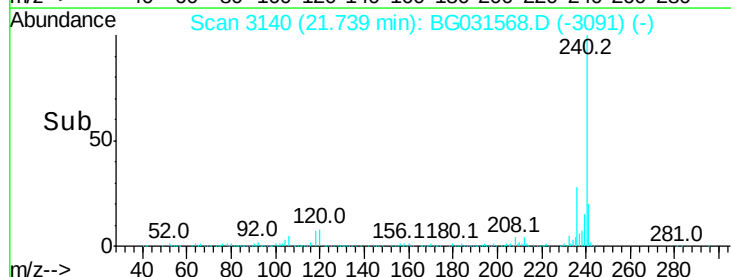
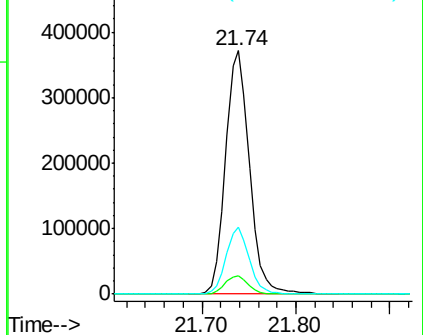
236 27.8 20.9 31.3

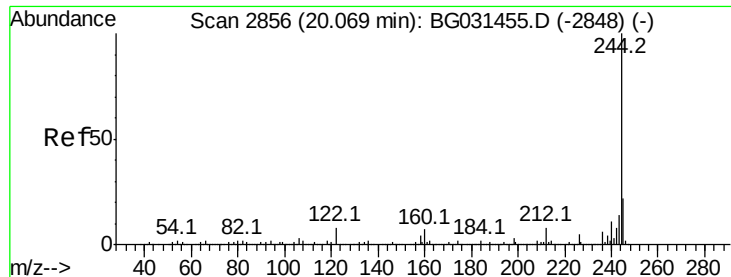


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 83.908 ng

RT: 20.06 min Scan# 2855

Delta R.T. -0.00 min

Lab File: BG031568.D

Acq: 14 Dec 2017 21:03

Instrument :

BNA_G

ClientSampleId :

MW-4-20171211

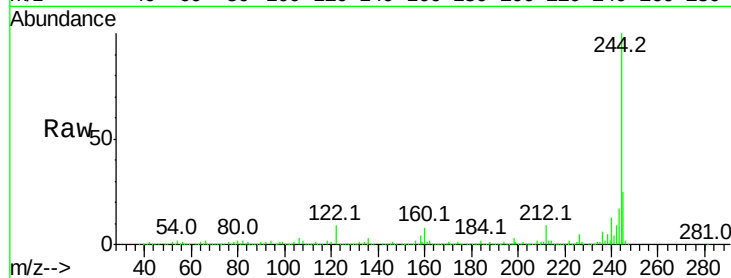
Tot Ion:244 Resp: 2427545

Ion Ratio Lower Upper

244 100

212 9.1 5.8 8.8#

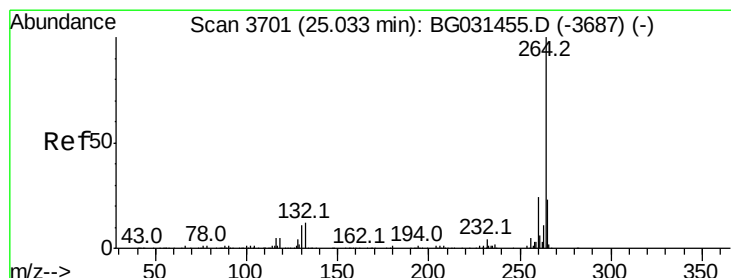
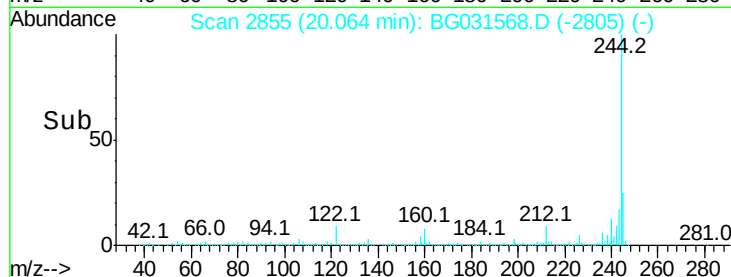
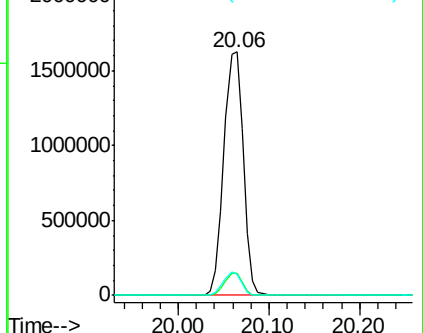
122 8.7 7.0 10.4



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

Perylene-d12

Concen: 20.000 ng

RT: 25.02 min Scan# 3698

Delta R.T. -0.02 min

Lab File: BG031568.D

Acq: 14 Dec 2017 21:03

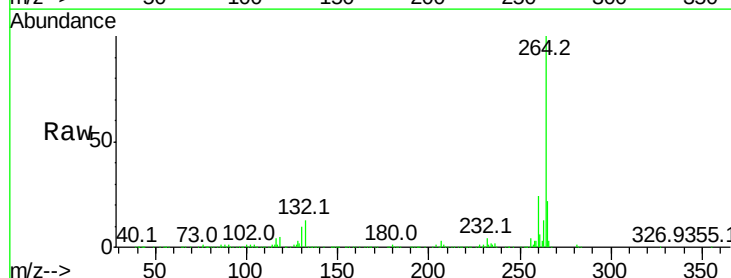
Tgt Ion:264 Resp: 579202

Ion Ratio Lower Upper

264 100

260 24.1 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

