

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG121417\
 Data File : BG031567.D
 Acq On : 14 Dec 2017 20:26
 Operator : SJ/JU
 Sample : I6884-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 15 03:16:02 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	8.09	152	72867	20.00	ng	-0.01
21) Naphthalene-d8	10.91	136	297977	20.00	ng	0.00
38) Acenaphthene-d10	14.72	164	192503	20.00	ng	-0.01
63) Phenanthrene-d10	17.47	188	502126	20.00	ng	-0.01
75) Chrysene-d12	21.74	240	605308	20.00	ng	-0.01
86) Perylene-d12	25.02	264	529888	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	207566	50.49	ng	-0.01
7) Phenol-d6	7.27	99	151175	26.49	ng	0.00
23) Nitrobenzene-d5	9.27	82	392228	81.13	ng	0.00
41) 2,4,6-Tribromophenol	16.21	330	303182	134.43	ng	0.00
44) 2-Fluorobiphenyl	13.35	172	1083333	82.61	ng	0.00
78) Terphenyl-d14	20.06	244	1946662	73.17	ng	0.00

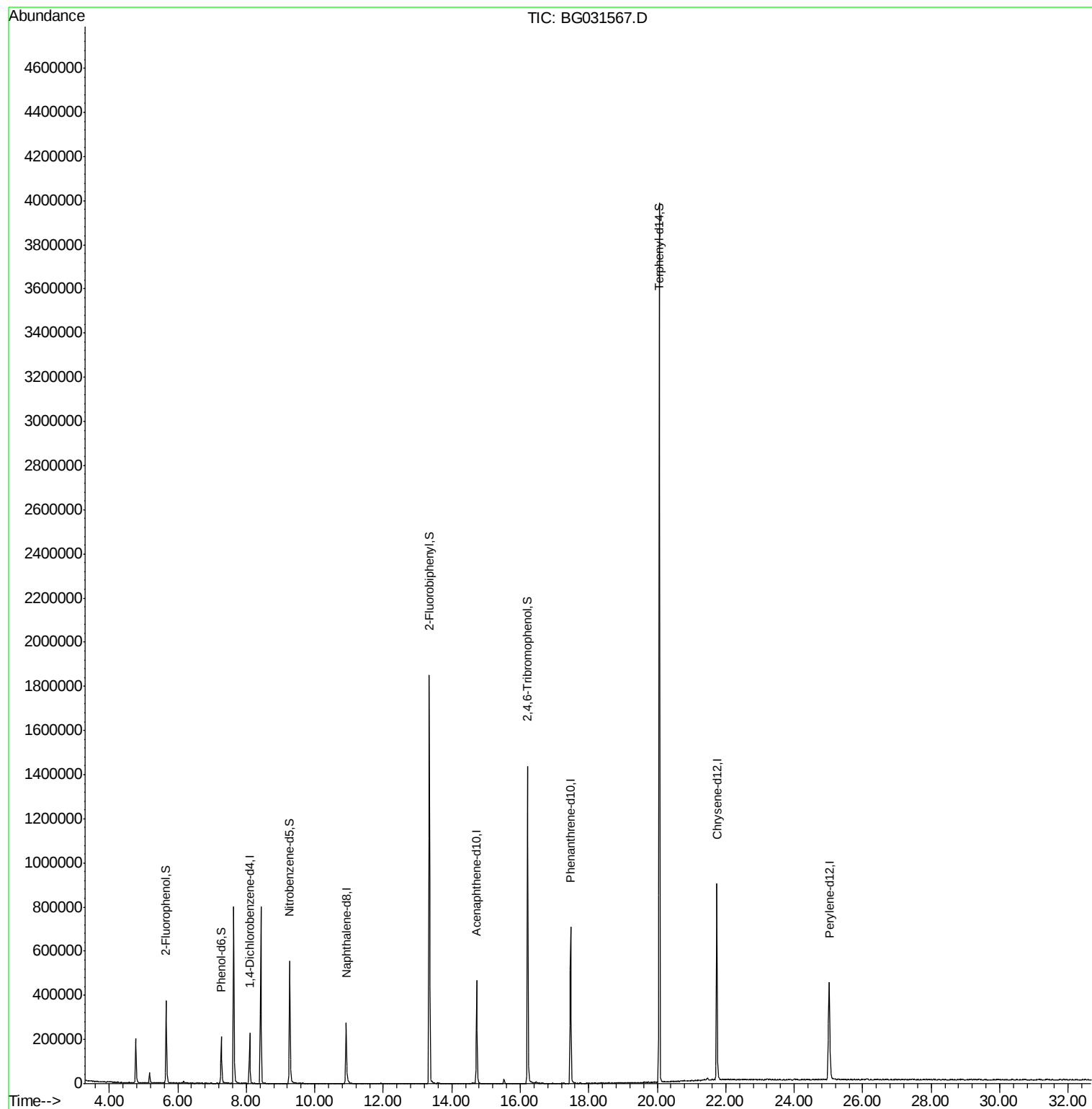
Target Compounds Qvalue

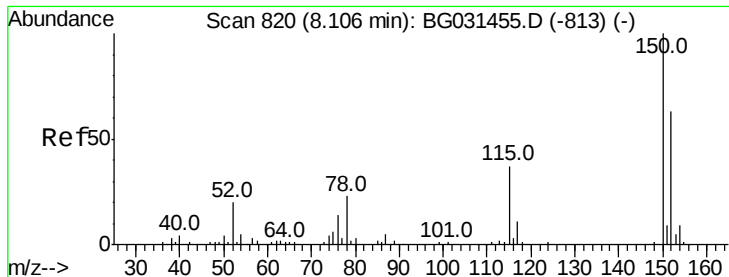
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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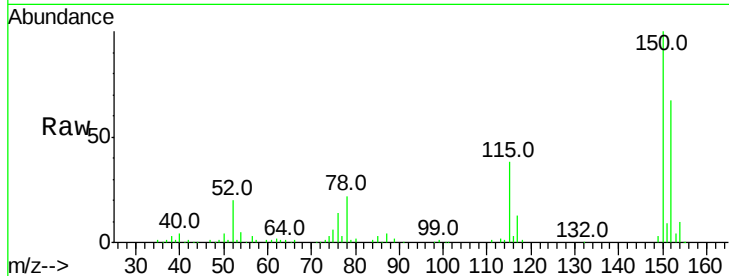


#1

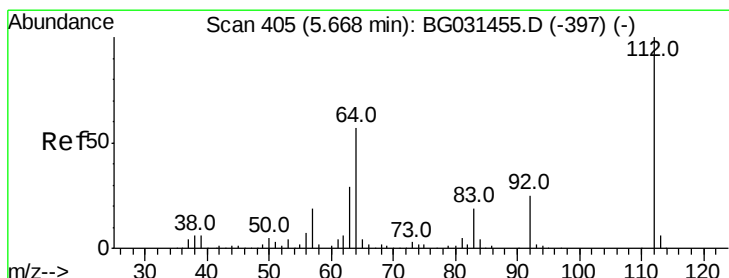
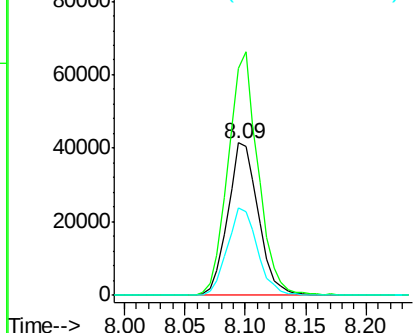
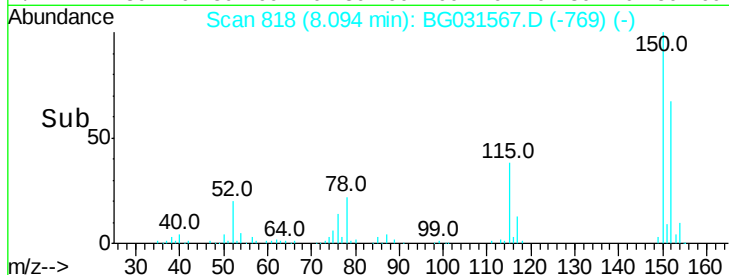
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 818
Delta R.T. -0.01 min
Lab File: BG031567.D
Acq: 14 Dec 2017 20:26

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 72867
Ion Ratio Lower Upper
152 100
150 149.2 126.6 189.8
115 57.1 53.0 79.4



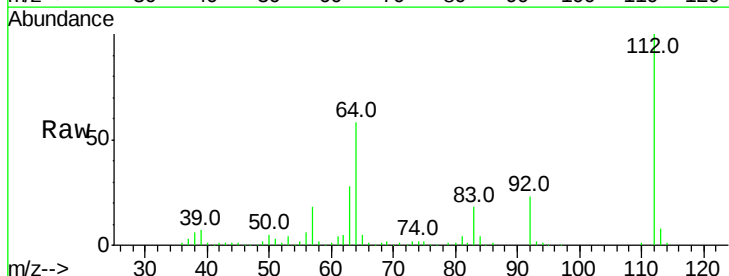
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



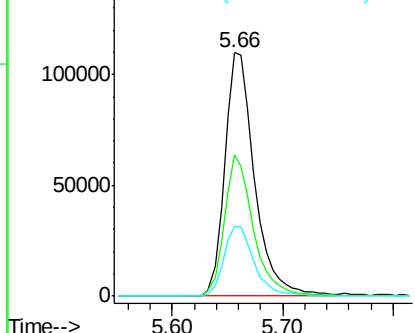
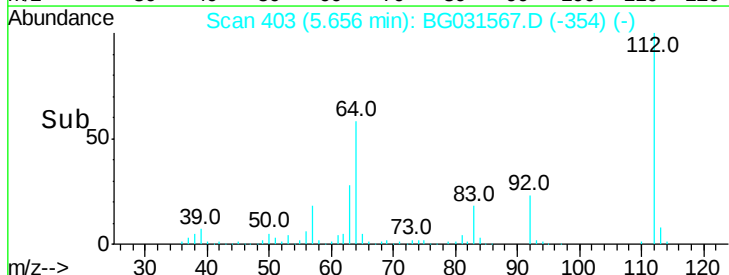
#5

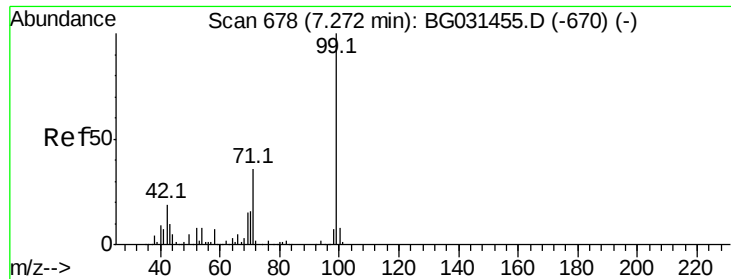
2-Fluorophenol
Concen: 50.491 ng
RT: 5.66 min Scan# 403
Delta R.T. -0.01 min
Lab File: BG031567.D
Acq: 14 Dec 2017 20:26

Tgt Ion:112 Resp: 207566
Ion Ratio Lower Upper
112 100
64 58.2 56.3 84.5
63 28.4 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: 26.490 ng

RT: 7.27 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG031567.D

Acq: 14 Dec 2017 20:26

Instrument :

BNA_G

ClientSampleId :

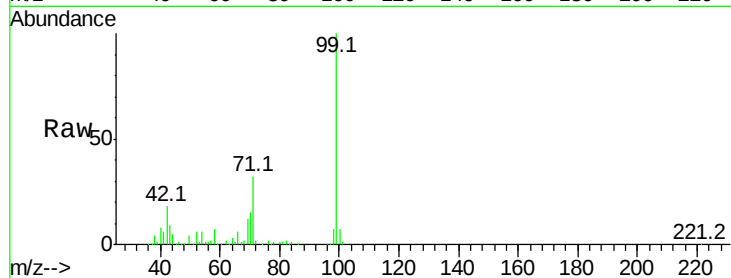
Tot Ion: 99 Resp: 151175

Ion Ratio Lower Upper

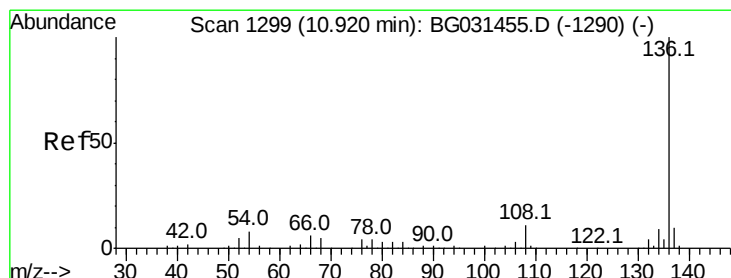
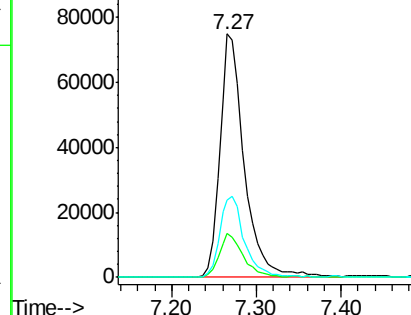
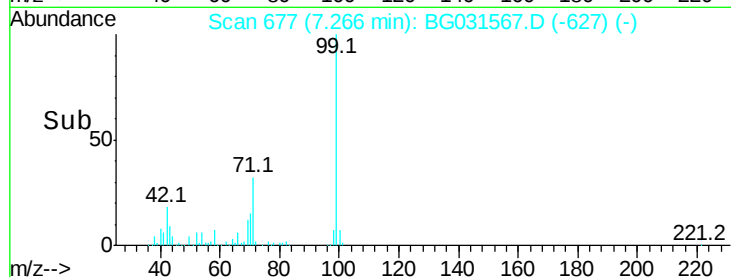
99 100

42 18.2 14.1 21.1

71 31.7 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# 1298

Delta R.T. -0.01 min

Lab File: BG031567.D

Acq: 14 Dec 2017 20:26

Tgt Ion: 136 Resp: 297977

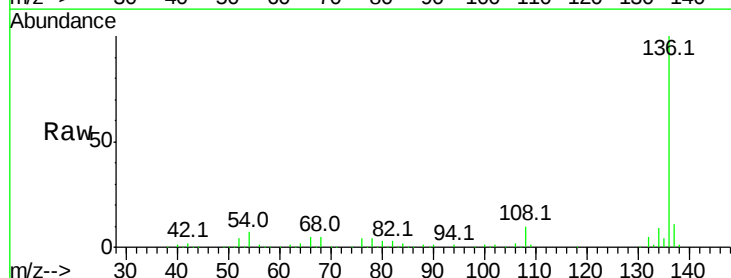
Ion Ratio Lower Upper

136 100

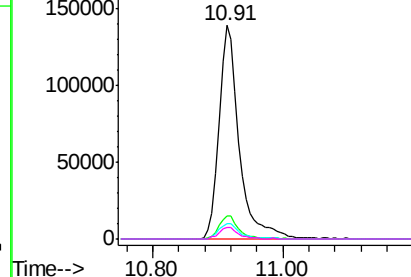
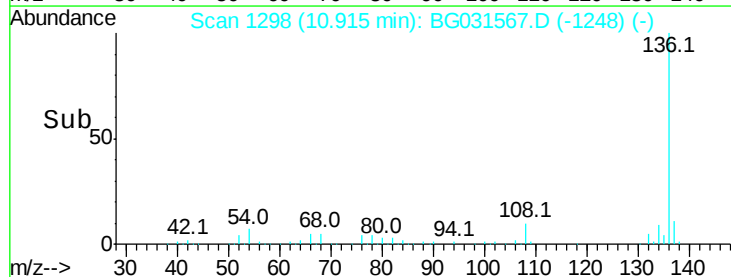
137 11.1 9.2 13.8

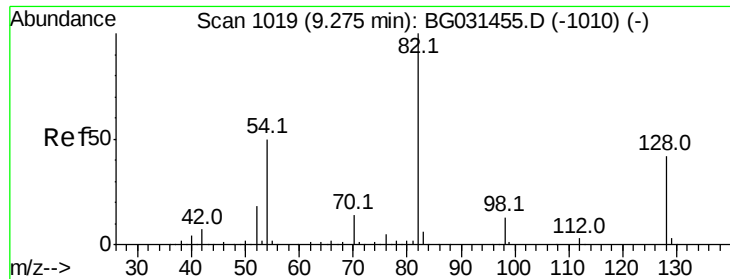
54 7.0 10.3 15.5#

68 5.4 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

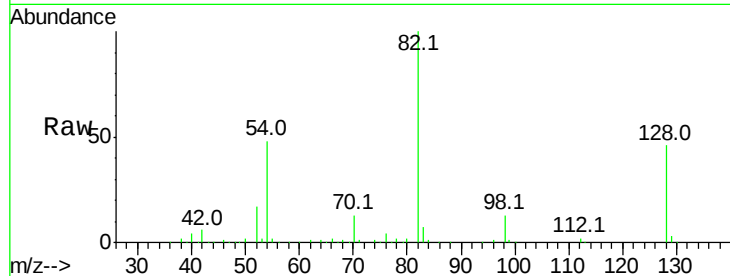




#23
Nitrobenzene-d5
Concen: 81.133 ng
RT: 9.27 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BG031567.D
Acq: 14 Dec 2017 20:26

Instrument :
BNA_G
ClientSampleId :

Tot Ion	82	Resp	392228
Ion Ratio	Lower	Upper	
82	100		
128	45.9	29.7	44.5#
54	47.8	43.1	64.7

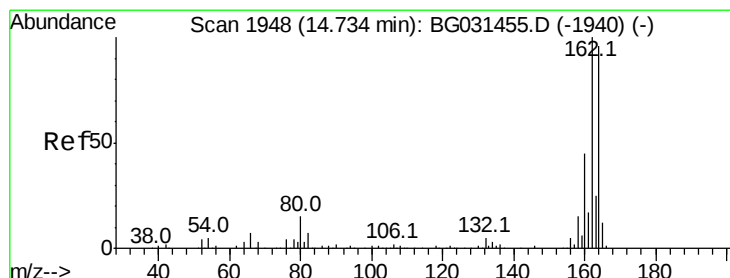
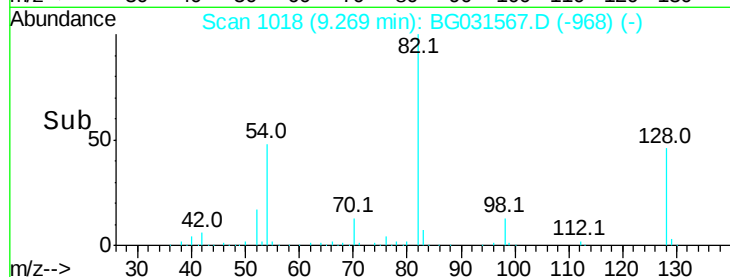
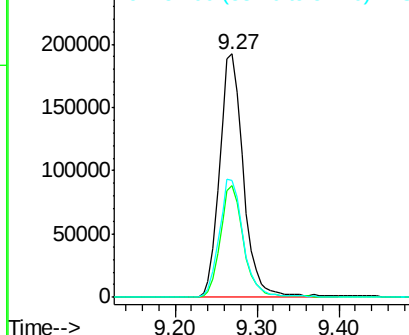


Abundance

Ion 82.00 (81.70 to 82.70): BGC

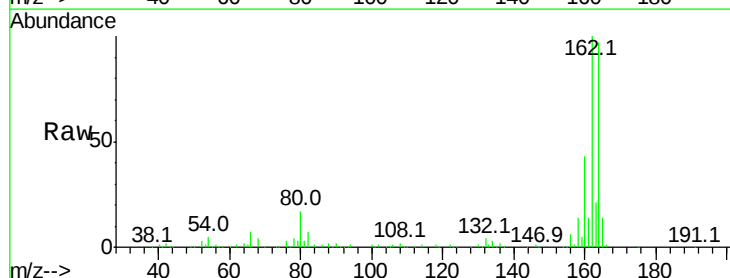
Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1946
Delta R.T. -0.01 min
Lab File: BG031567.D
Acq: 14 Dec 2017 20:26

Tgt Ion	164	Resp	192503
Ion Ratio	Lower	Upper	
164	100		
162	103.3	78.8	118.2
160	44.2	35.4	53.0

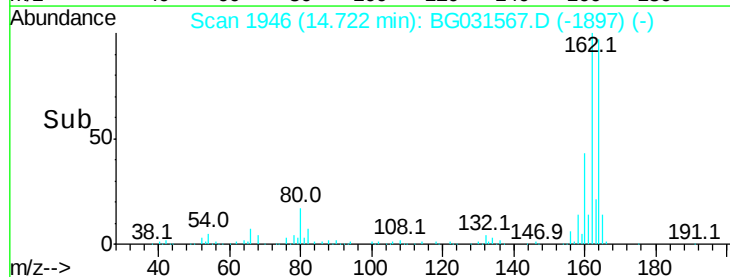
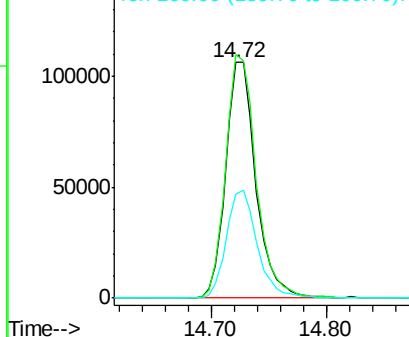


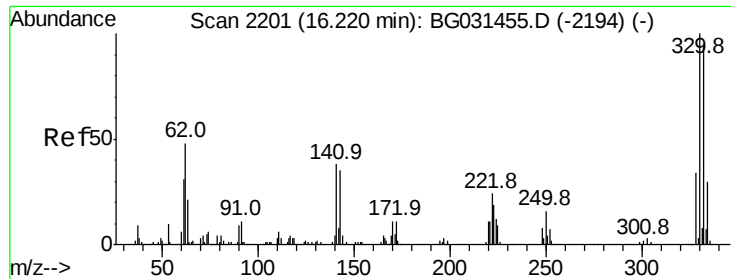
Abundance

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

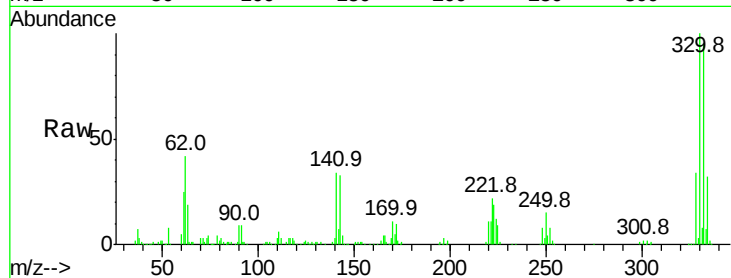




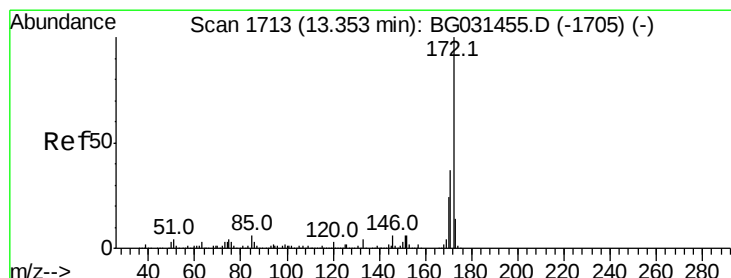
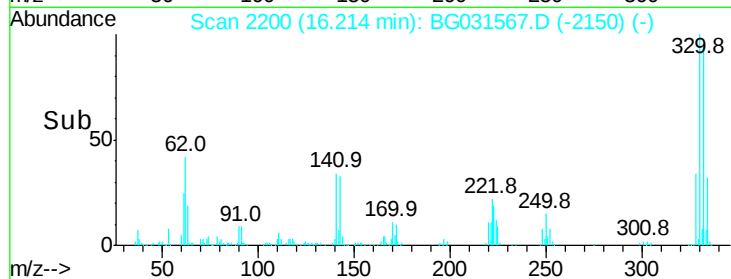
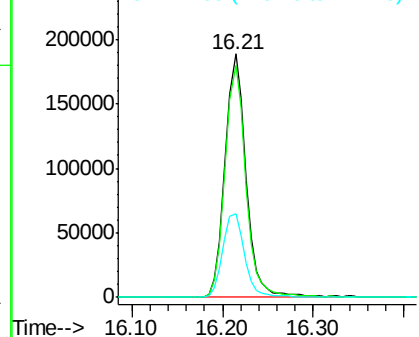
#41
 2,4,6-Tribromophenol
 Concen: 134.434 ng
 RT: 16.21 min Scan# 2200
 Delta R.T. -0.01 min
 Lab File: BG031567.D
 Acq: 14 Dec 2017 20:26

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.6	77.0	115.6
141	35.6	25.2	37.8

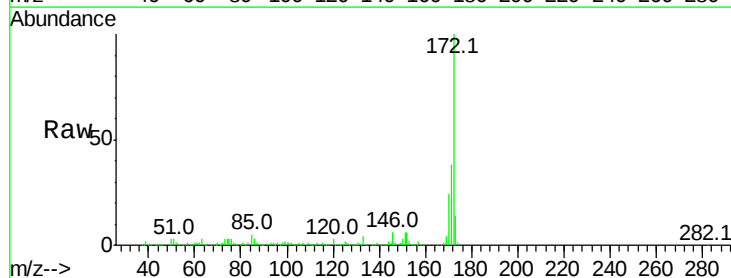


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

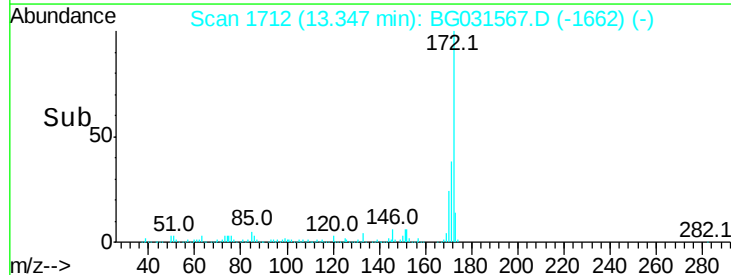
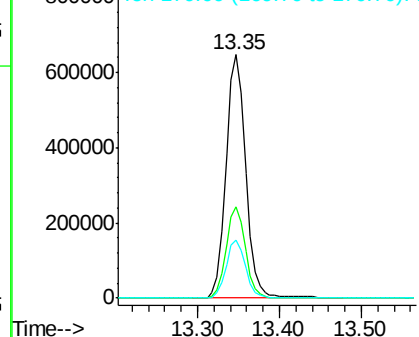


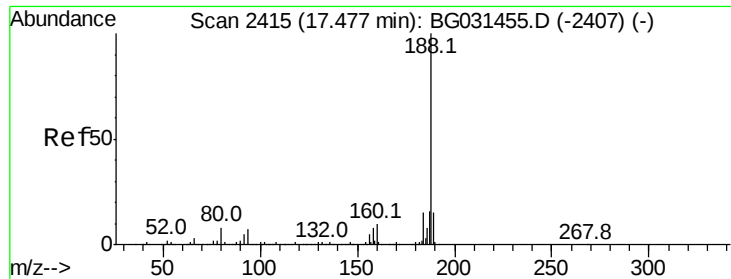
#44
 2-Fluorobiphenyl
 Concen: 82.606 ng
 RT: 13.35 min Scan# 1712
 Delta R.T. -0.01 min
 Lab File: BG031567.D
 Acq: 14 Dec 2017 20:26

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	30.0	45.0
170	24.1	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

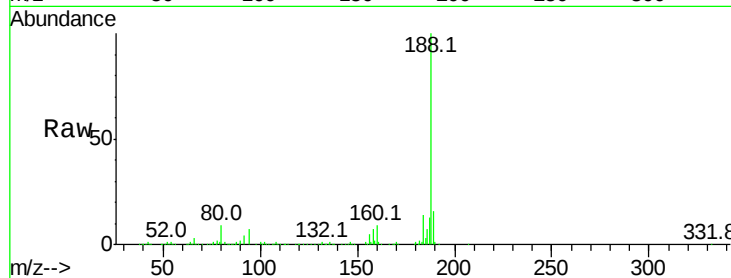




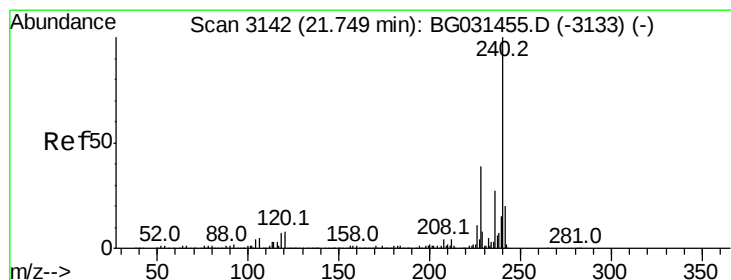
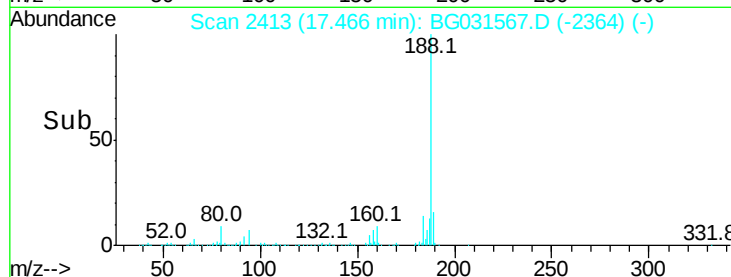
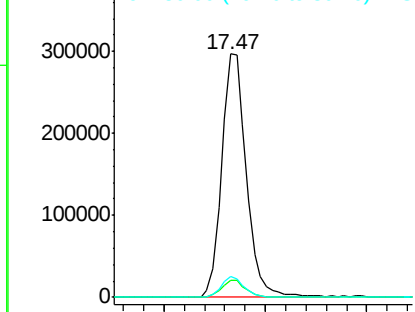
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2413
Delta R.T. -0.01 min
Lab File: BG031567.D
Acq: 14 Dec 2017 20:26

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
188	100		
94	6.9	6.9	10.3
80	8.7	7.7	11.5

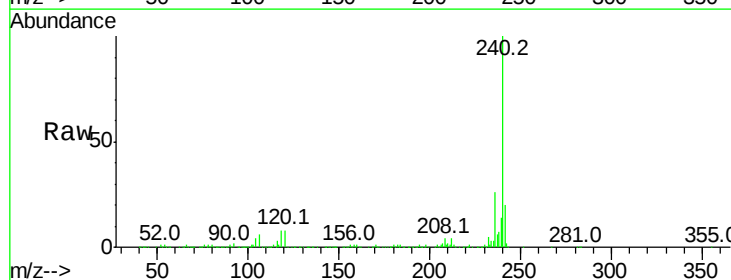


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

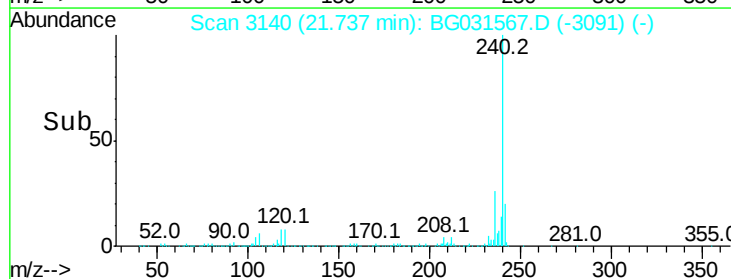
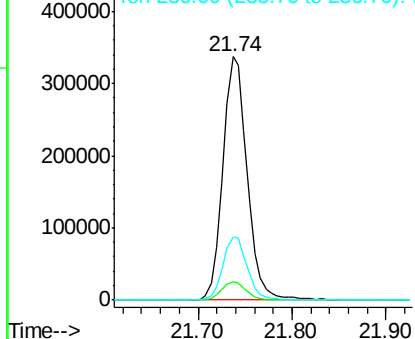


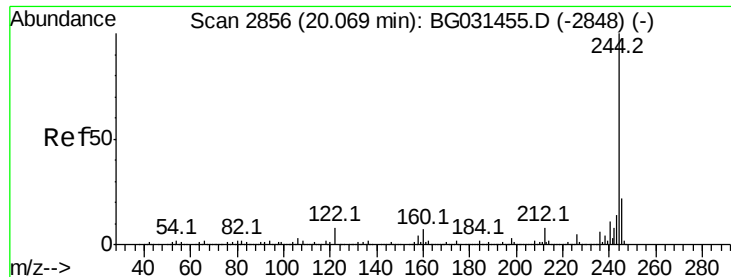
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.74 min Scan# 3140
Delta R.T. -0.01 min
Lab File: BG031567.D
Acq: 14 Dec 2017 20:26

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.7	6.8	10.2
236	26.1	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: 73.169 ng

RT: 20.06 min Scan# 2855

Delta R.T. -0.01 min

Lab File: BG031567.D

Acq: 14 Dec 2017 20:26

Instrument :

BNA_G

ClientSampleId :

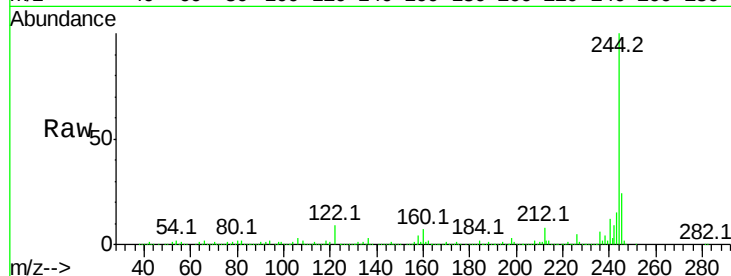
Tot Ion:244 Resp: 1946662

Ion Ratio Lower Upper

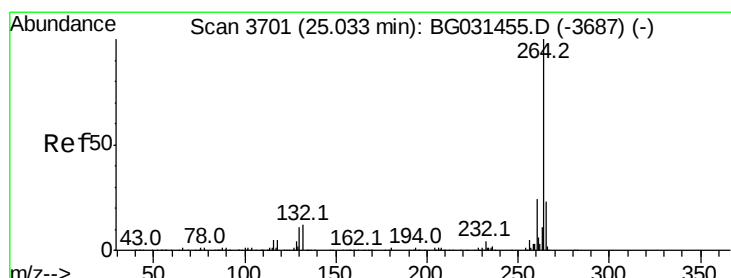
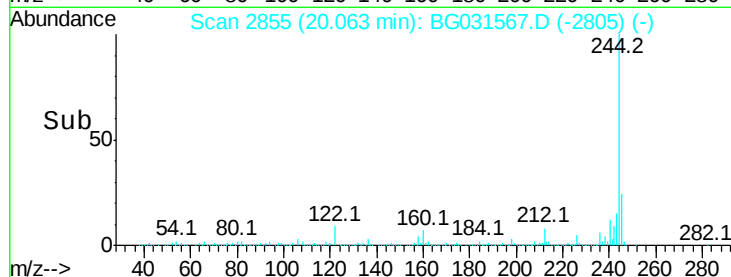
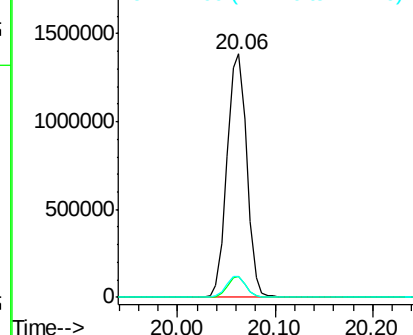
244 100

212 8.5 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# 3699

Delta R.T. -0.01 min

Lab File: BG031567.D

Acq: 14 Dec 2017 20:26

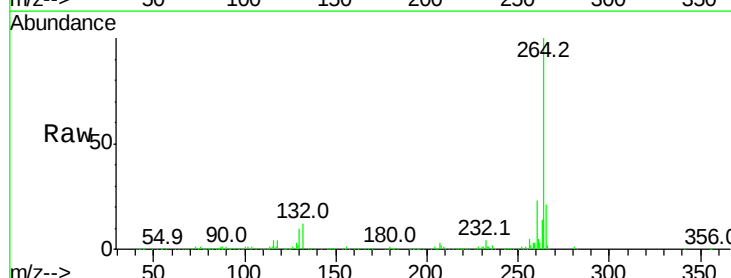
Tgt Ion:264 Resp: 529888

Ion Ratio Lower Upper

264 100

260 23.4 17.4 26.0

265 21.1 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

