

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121817\
 Data File : BG031630.D
 Acq On : 18 Dec 2017 12:10
 Operator : SJ/JU
 Sample : PB105101BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 19 06:59:50 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	72556	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	317235	20.00	ng	0.00
38) Acenaphthene-d10	14.72	164	215426	20.00	ng	0.00
63) Phenanthrene-d10	17.46	188	563159	20.00	ng	-0.02
75) Chrysene-d12	21.73	240	647618	20.00	ng	-0.02
86) Perylene-d12	25.01	264	553463	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	433002	105.78	ng	0.00
7) Phenol-d6	7.27	99	548922	96.60	ng	0.00
23) Nitrobenzene-d5	9.27	82	462393	89.84	ng	0.00
41) 2,4,6-Tribromophenol	16.21	330	251372	99.60	ng	0.00
44) 2-Fluorobiphenyl	13.34	172	1376168	93.77	ng	0.00
78) Terphenyl-d14	20.05	244	2431693	85.43	ng	-0.02

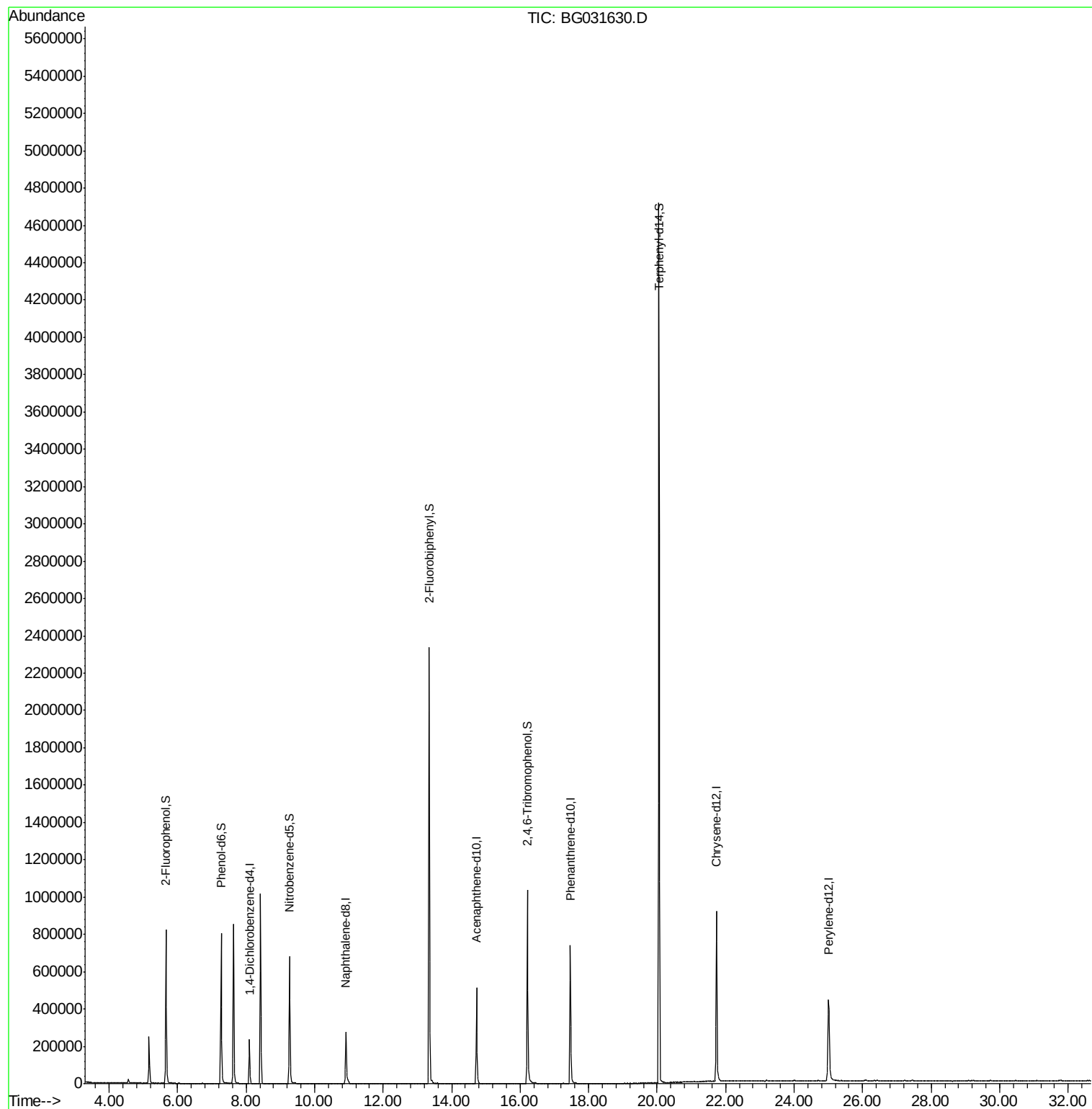
Target Compounds Qvalue

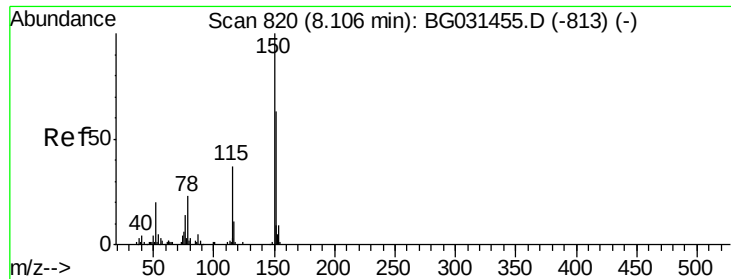
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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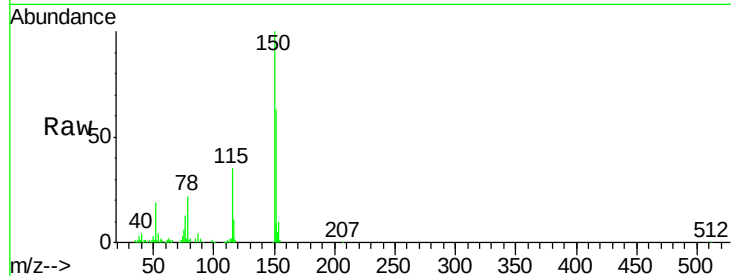


#1

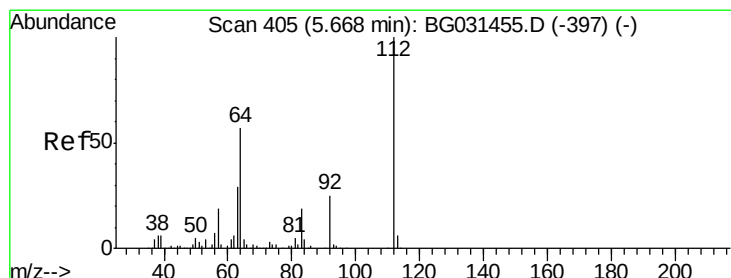
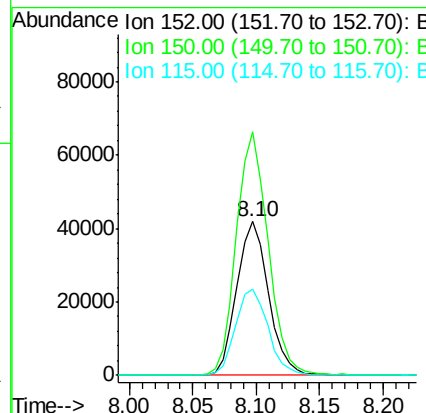
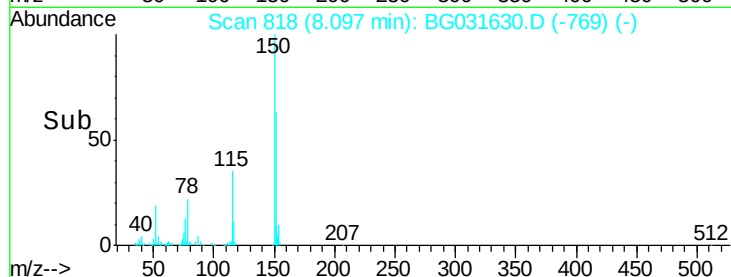
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 818
Delta R.T. -0.01 min
Lab File: BG031630.D
Acq: 18 Dec 2017 12:10

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 72556
Ion Ratio Lower Upper
152 100
150 158.4 126.6 189.8
115 55.9 53.0 79.4



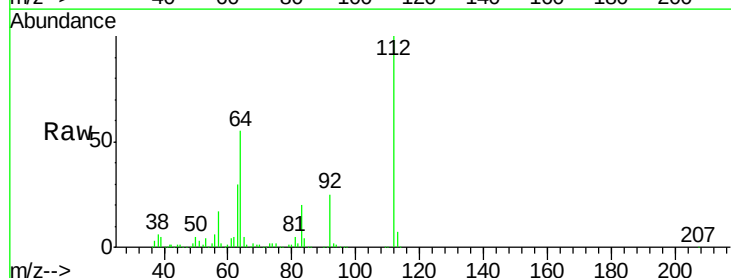
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



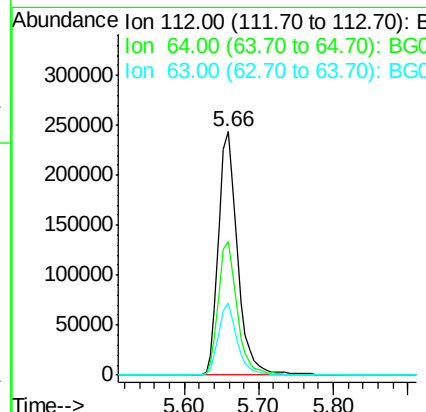
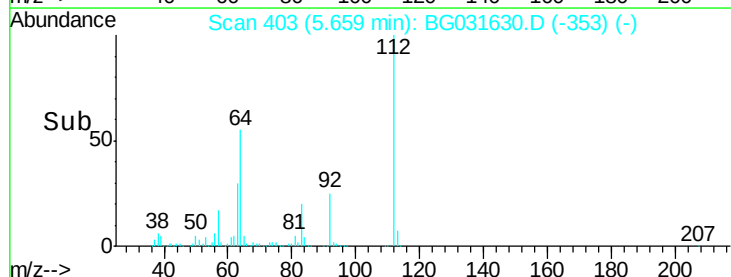
#5

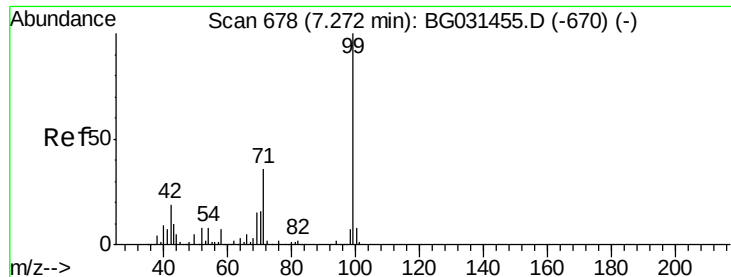
2-Fluorophenol
Concen: 105.781 ng
RT: 5.66 min Scan# 403
Delta R.T. -0.01 min
Lab File: BG031630.D
Acq: 18 Dec 2017 12:10

Tgt Ion:112 Resp: 433002
Ion Ratio Lower Upper
112 100
64 54.8 56.3 84.5#
63 29.8 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: 96.597 ng

RT: 7.27 min Scan# 677

Delta R.T. -0.00 min

Lab File: BG031630.D

Acq: 18 Dec 2017 12:10

Instrument :

BNA_G

ClientSampleId :

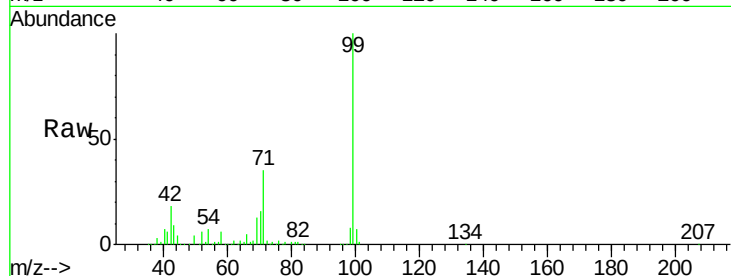
Tot Ion: 99 Resp: 548922

Ion Ratio Lower Upper

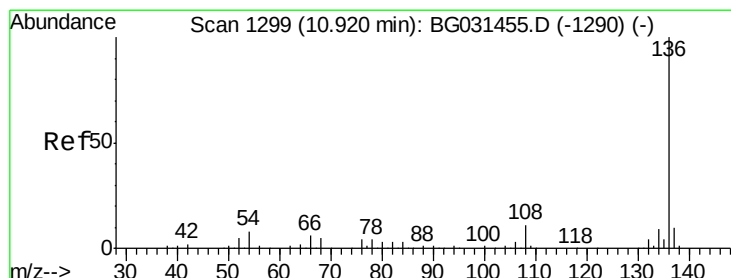
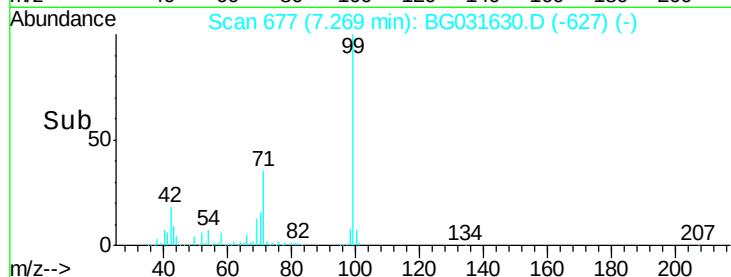
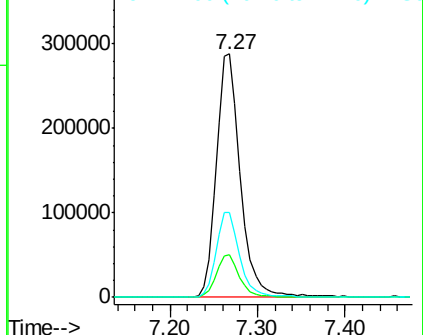
99 100

42 17.7 14.1 21.1

71 34.8 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: BG031630.D

Acq: 18 Dec 2017 12:10

Tgt Ion: 136 Resp: 317235

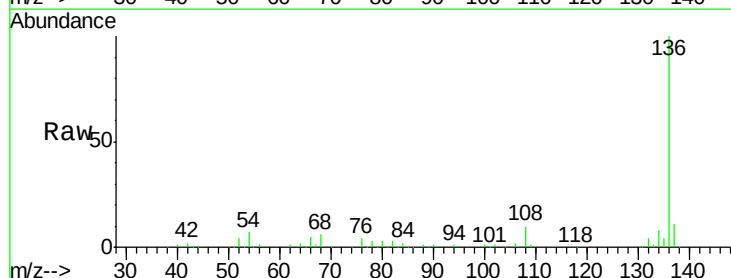
Ion Ratio Lower Upper

136 100

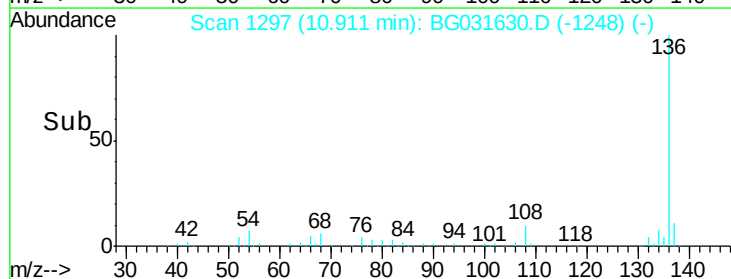
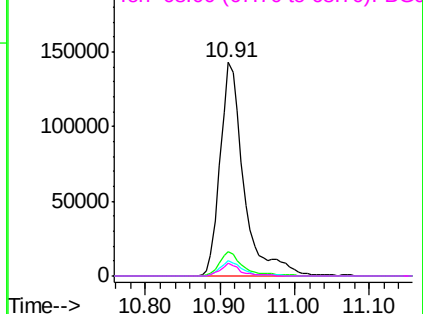
137 11.2 9.2 13.8

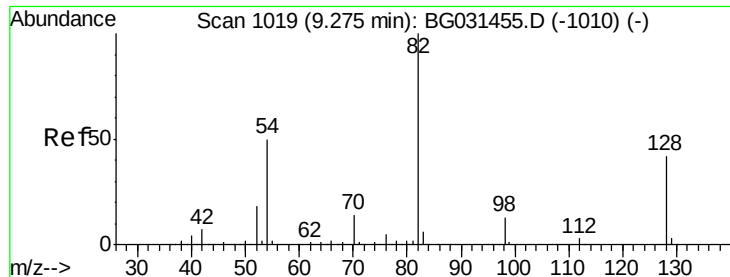
54 7.4 10.3 15.5#

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

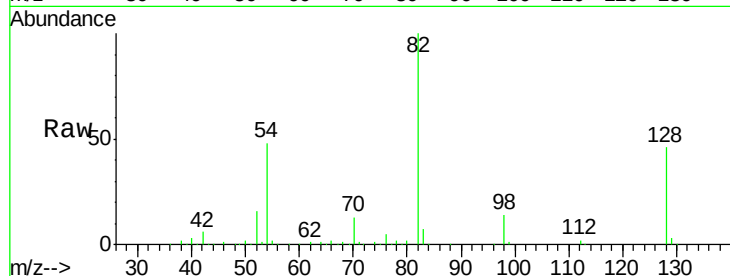




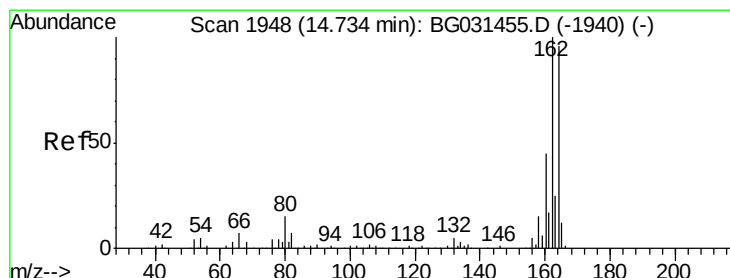
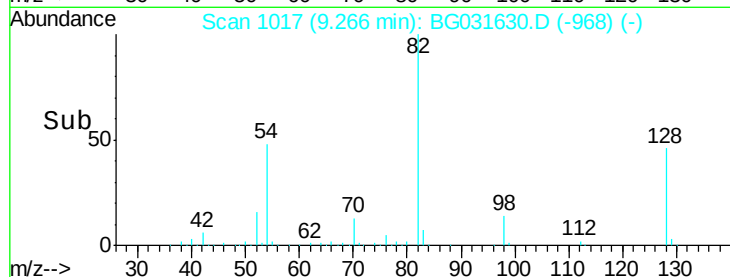
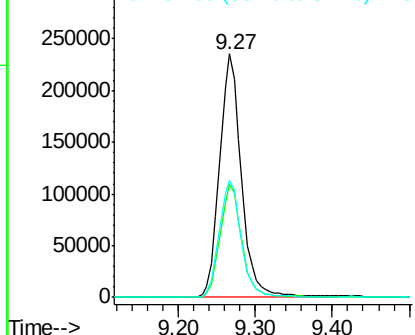
#23
 Nitrobenzene-d5
 Concen: 89.840 ng
 RT: 9.27 min Scan# 1017
 Delta R.T. -0.01 min
 Lab File: BG031630.D
 Acq: 18 Dec 2017 12:10

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion: 82 Resp: 462393
 Ion Ratio Lower Upper
 82 100
 128 46.4 29.7 44.5#
 54 48.1 43.1 64.7

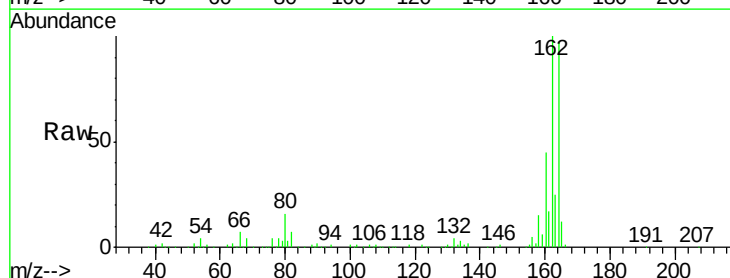


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

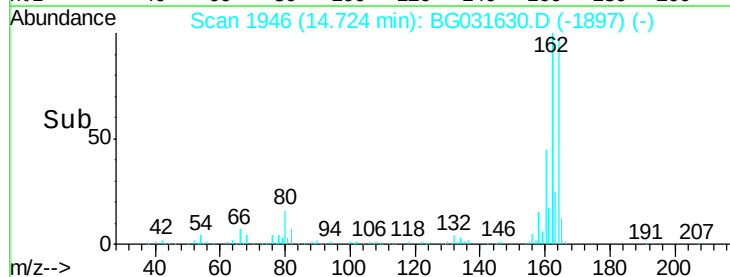
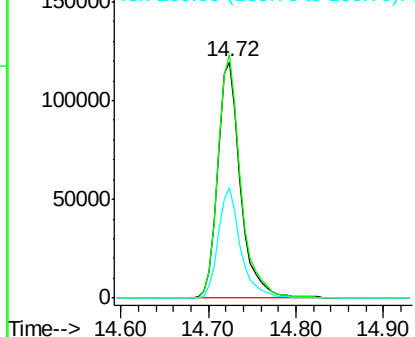


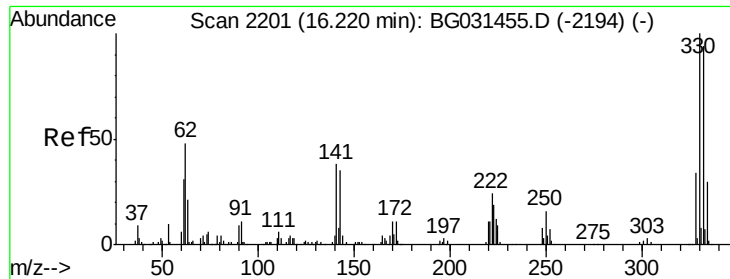
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.72 min Scan# 1946
 Delta R.T. -0.01 min
 Lab File: BG031630.D
 Acq: 18 Dec 2017 12:10

Tgt Ion:164 Resp: 215426
 Ion Ratio Lower Upper
 164 100
 162 103.0 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

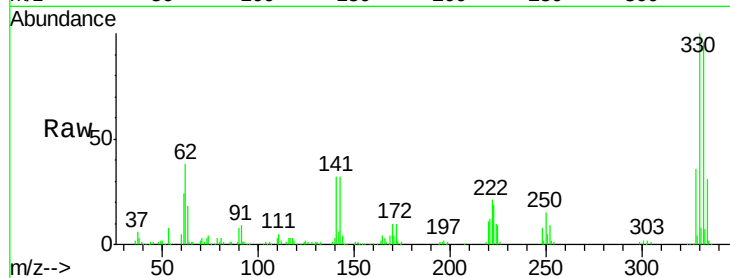




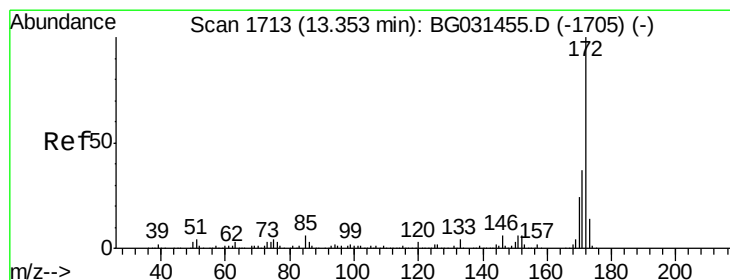
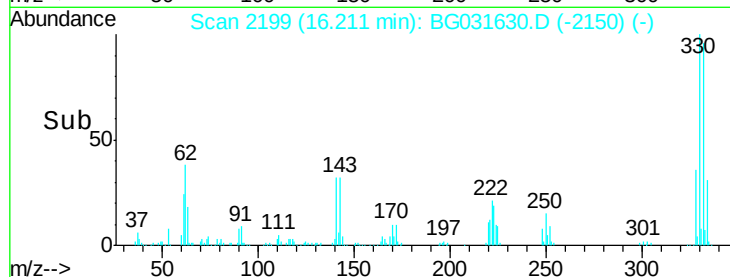
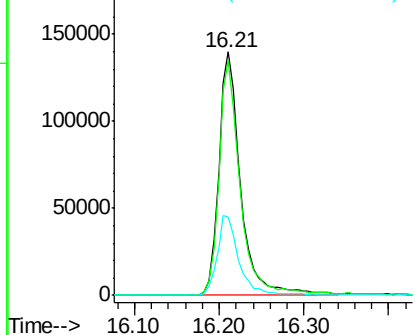
#41
 2,4,6-Tribromophenol
 Concen: 99.600 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. -0.01 min
 Lab File: BG031630.D
 Acq: 18 Dec 2017 12:10

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.6	77.0	115.6
141	33.5	25.2	37.8

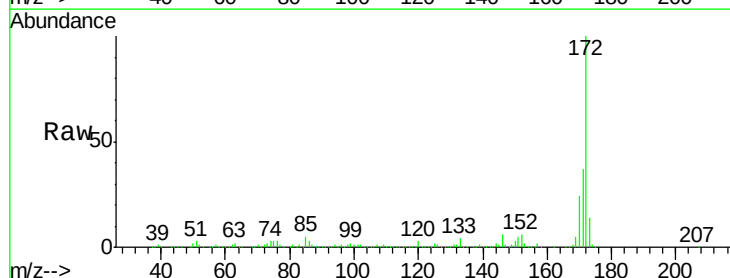


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

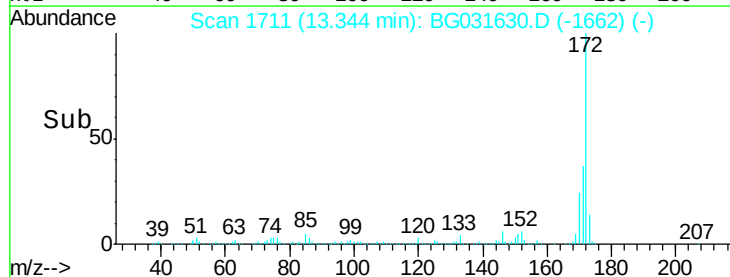
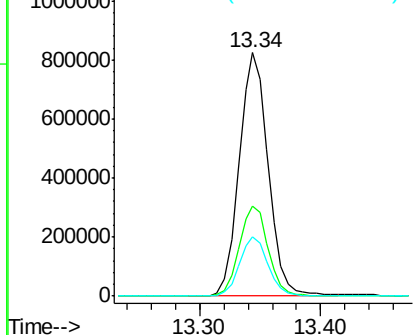


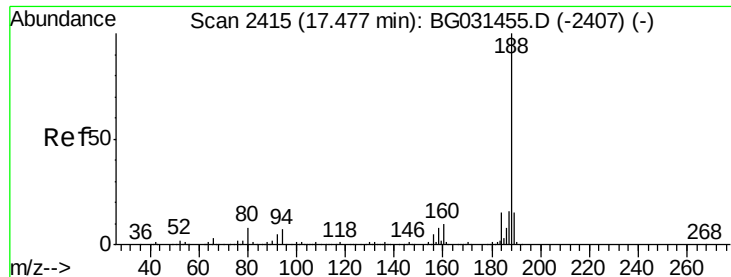
#44
 2-Fluorobiphenyl
 Concen: 93.769 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BG031630.D
 Acq: 18 Dec 2017 12:10

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	30.0	45.0
170	24.5	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

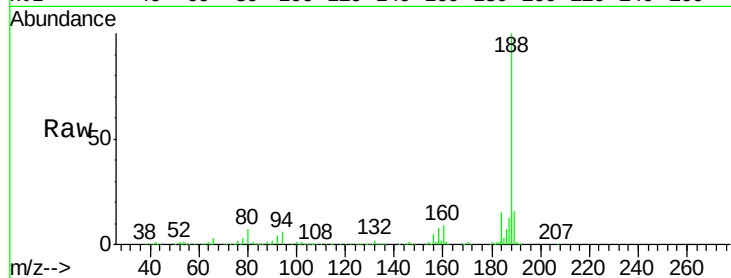




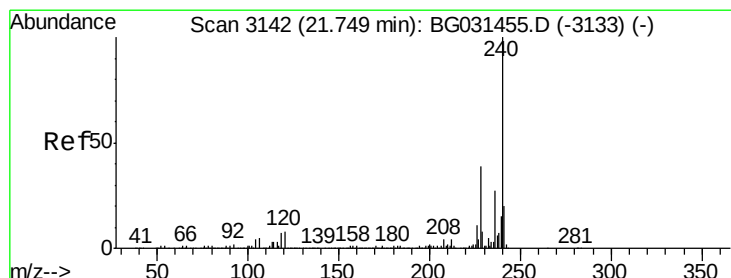
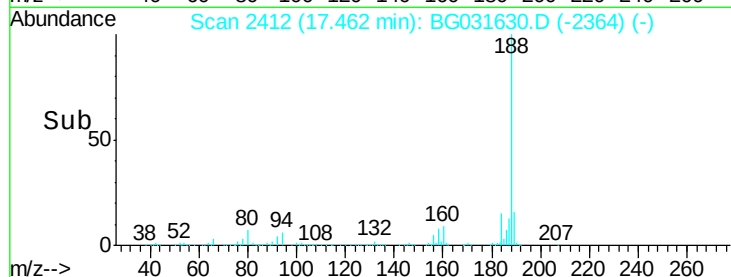
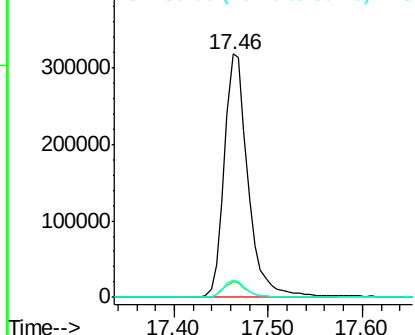
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.46 min Scan# 2412
Delta R.T. -0.02 min
Lab File: BG031630.D
Acq: 18 Dec 2017 12:10

Instrument :
BNA_G
ClientSampleId :

Tot Ion:188 Resp: 563159
Ion Ratio Lower Upper
188 100
94 6.4 6.9 10.3#
80 7.1 7.7 11.5#

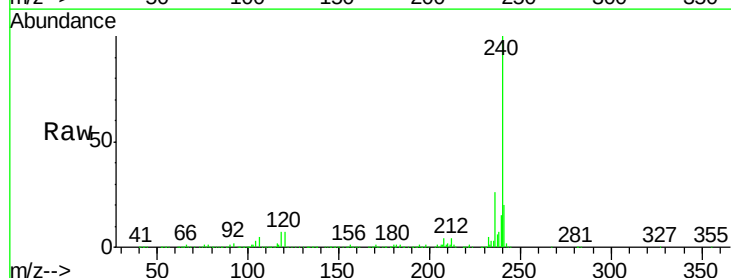


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

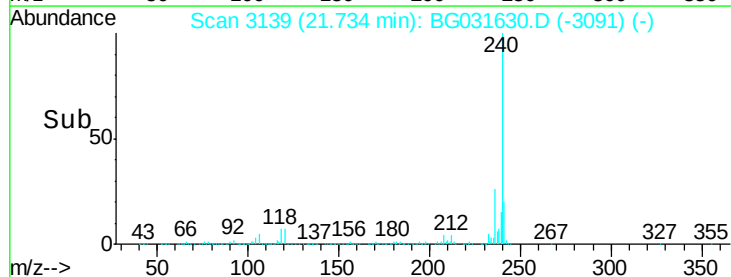
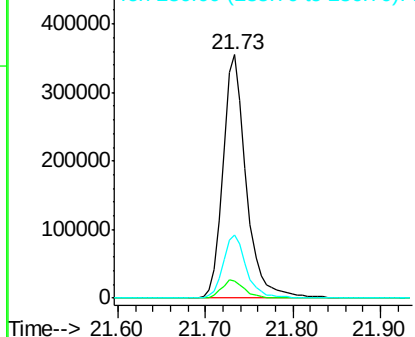


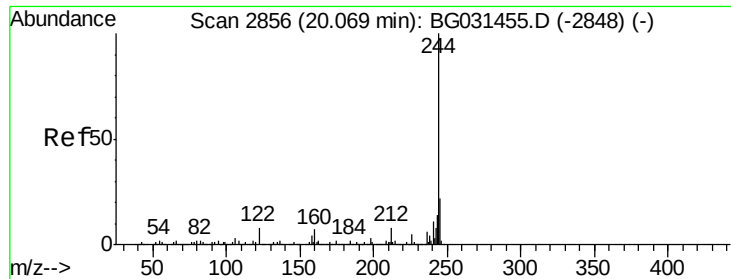
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.73 min Scan# 3139
Delta R.T. -0.02 min
Lab File: BG031630.D
Acq: 18 Dec 2017 12:10

Tgt Ion:240 Resp: 647618
Ion Ratio Lower Upper
240 100
120 7.1 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: 85.428 ng

RT: 20.05 min Scan# 2853

Delta R.T. -0.02 min

Lab File: BG031630.D

Acq: 18 Dec 2017 12:10

Instrument :

BNA_G

ClientSampleId :

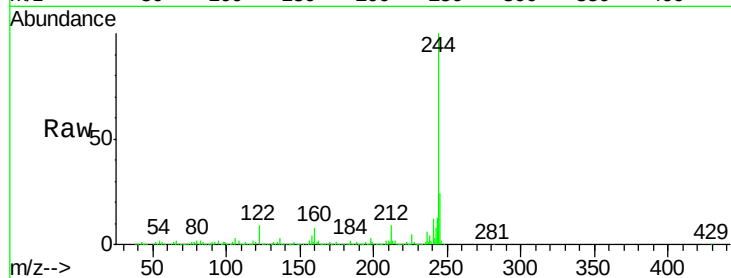
Tot Ion:244 Resp: 2431693

Ion Ratio Lower Upper

244 100

212 8.8 5.8 8.8#

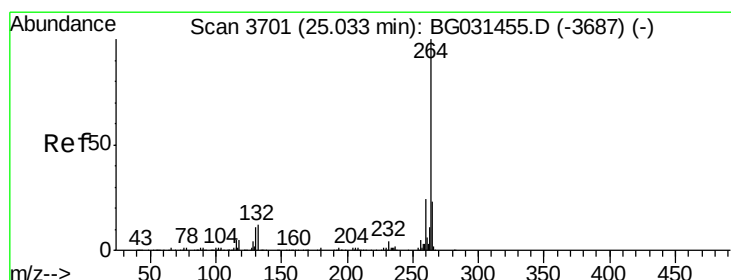
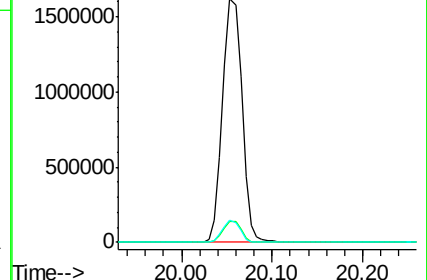
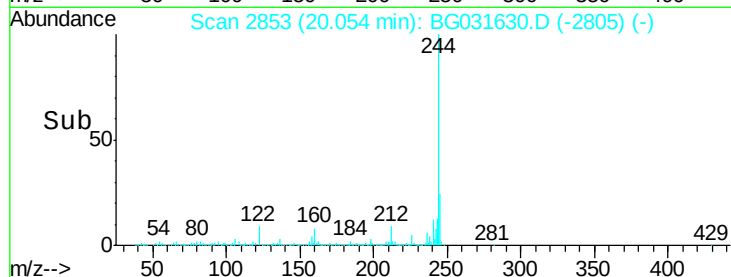
122 9.1 7.0 10.4



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: 25.01 min Scan# 3696

Delta R.T. -0.03 min

Lab File: BG031630.D

Acq: 18 Dec 2017 12:10

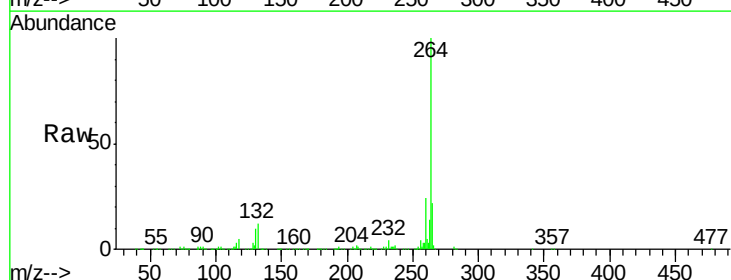
Tgt Ion:264 Resp: 553463

Ion Ratio Lower Upper

264 100

260 24.3 17.4 26.0

265 21.9 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

