

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020617\
 Data File : BG025818.D
 Acq On : 7 Feb 2017 1:20
 Operator : SJ/MA
 Sample : I1697-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-B18-B19-001

Quant Time: Feb 07 03:10:32 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 30 18:29:38 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	76591	20.00	ng	-0.01
21) Naphthalene-d8	10.98	136	316670	20.00	ng	0.00
38) Acenaphthene-d10	14.79	164	235087	20.00	ng	-0.01
63) Phenanthrene-d10	17.54	188	546979	20.00	ng	0.00
75) Chrysene-d12	21.82	240	713624	20.00	ng	-0.02
86) Perylene-d12	25.19	264	678515	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	622529	145.67	ng	-0.02
7) Phenol-d6	7.32	99	816920	130.88	ng	0.00
23) Nitrobenzene-d5	9.34	82	710108	94.75	ng	-0.02
41) 2,4,6-Tribromophenol	16.28	330	460002	137.21	ng	0.00
44) 2-Fluorobiphenyl	13.40	172	1342457	92.74	ng	-0.02
78) Terphenyl-d14	20.11	244	2576062	87.13	ng	-0.02

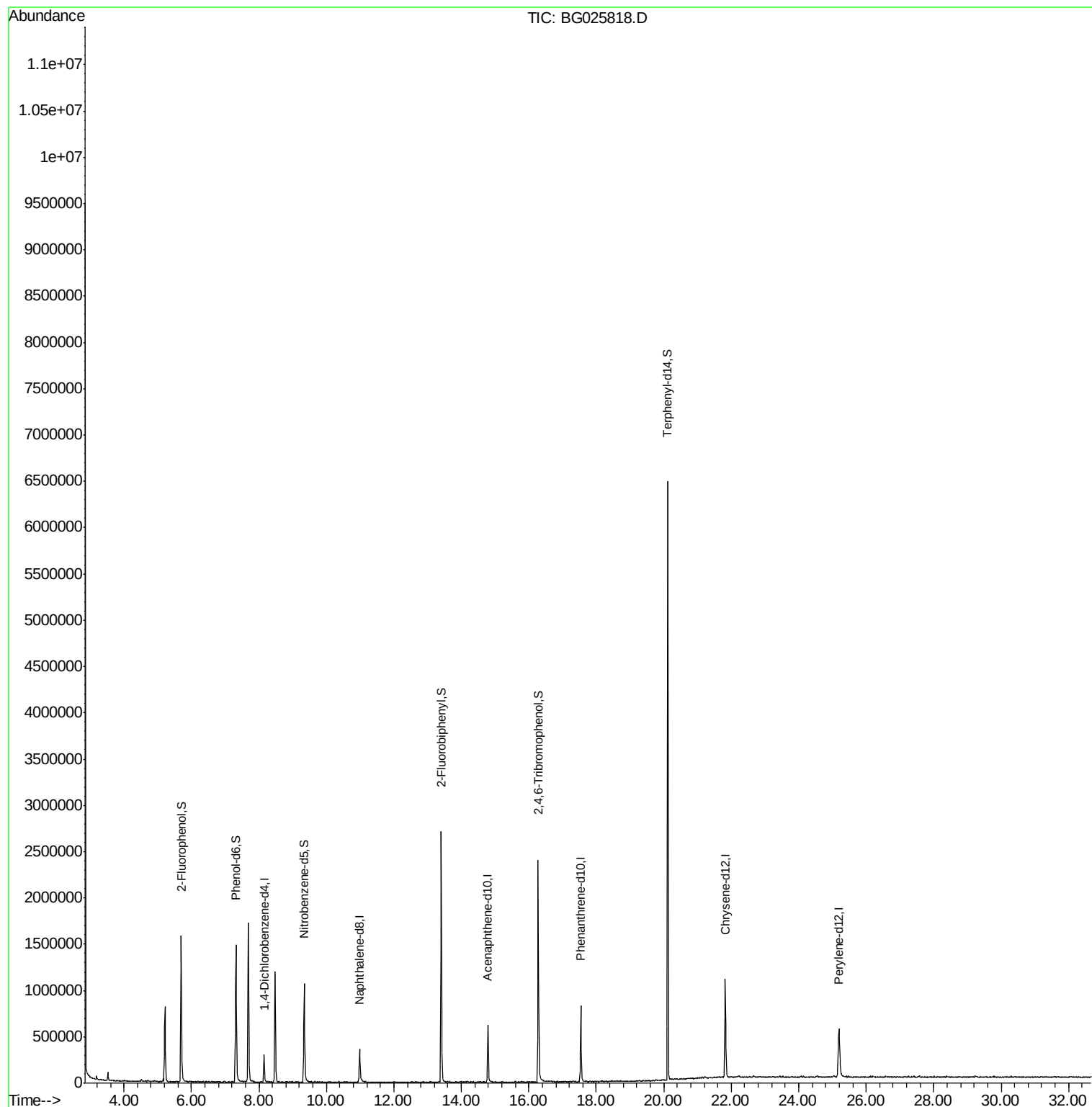
Target Compounds Qvalue

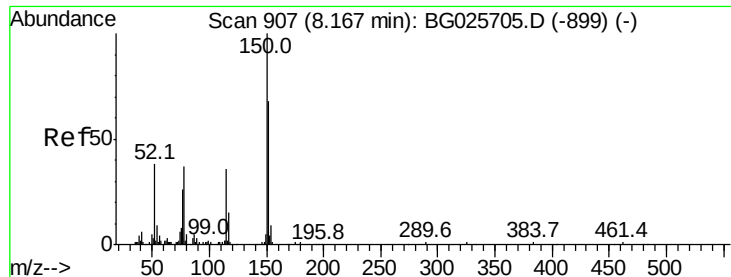
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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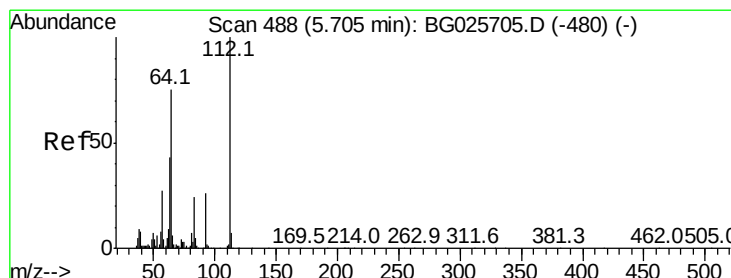
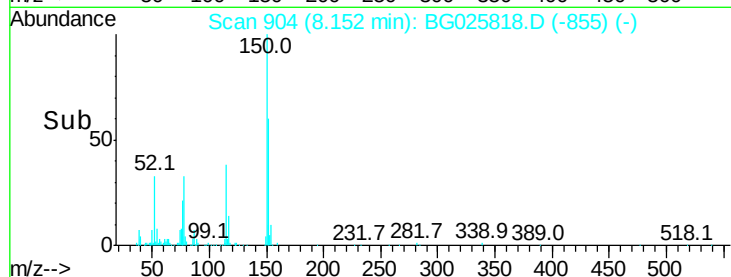
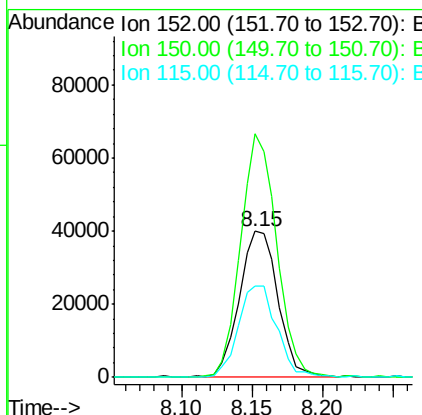
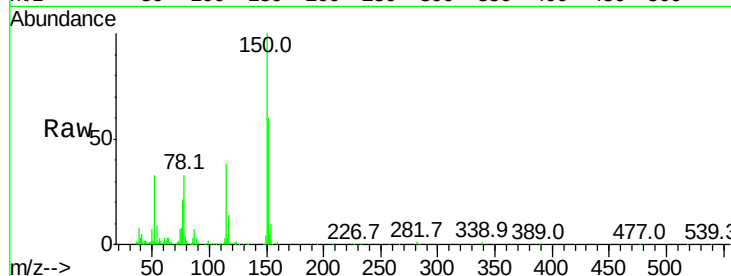


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.15 min Scan# 904
Delta R.T. -0.01 min
Lab File: BG025818.D
Acq: 7 Feb 2017 1:20

Instrument :
BNA_G
ClientSampleId :
WC-B18-B19-001

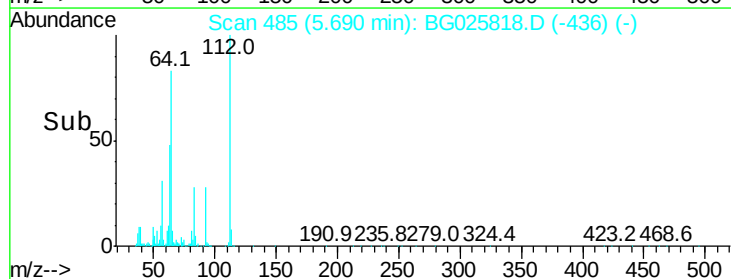
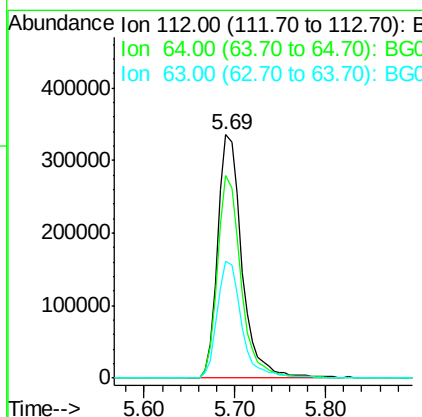
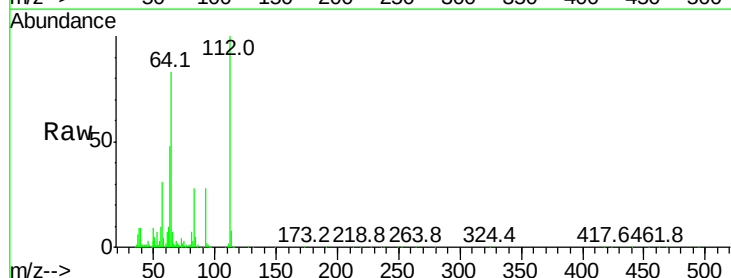
Tot Ion	Ratio	Lower	Upper
152	100		
150	167.0	114.0	171.0
115	62.9	48.1	72.1

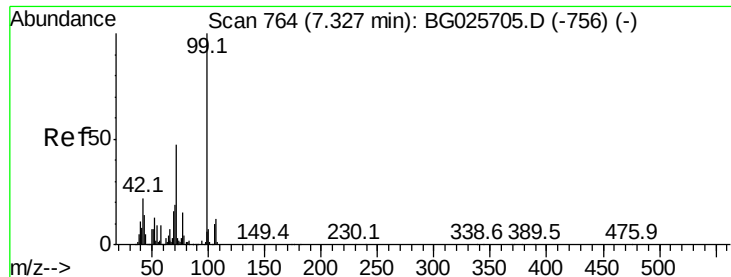


#5

2-Fluorophenol
Concen: 145.67 ng
RT: 5.69 min Scan# 485
Delta R.T. -0.02 min
Lab File: BG025818.D
Acq: 7 Feb 2017 1:20

Tgt Ion	Ratio	Lower	Upper
112	100		
64	83.0	61.8	92.6
63	48.2	37.2	55.8





#7

Phenol-d6

Concen: 130.88 ng

RT: 7.32 min Scan# 762

Delta R.T. -0.01 min

Lab File: BG025818.D

Acq: 7 Feb 2017 1:20

Instrument :

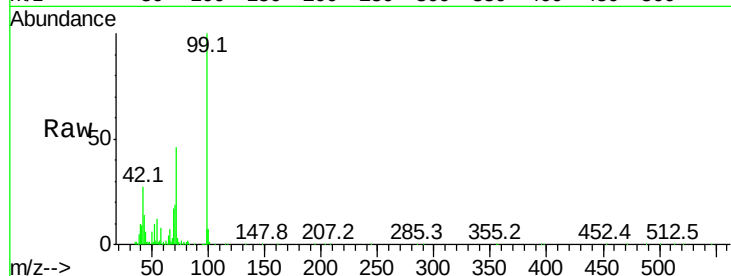
BNA_G

ClientSampleId :

WC-B18-B19-001

Tot Ion: 99 Resp: 816920

Ion	Ratio	Lower	Upper
99	100		
42	27.0	20.5	30.7
71	45.8	37.6	56.4

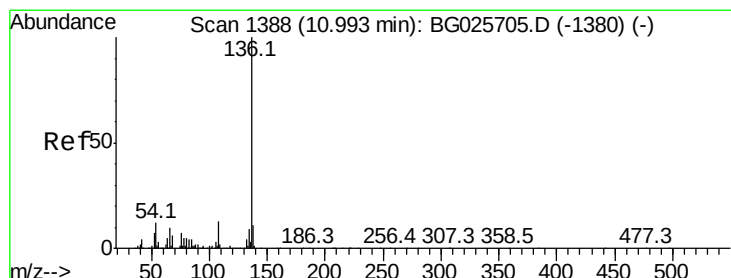
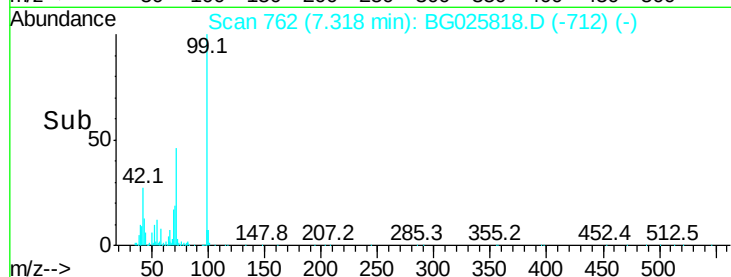


Abundance

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: 20.00 ng

RT: 10.98 min Scan# 1386

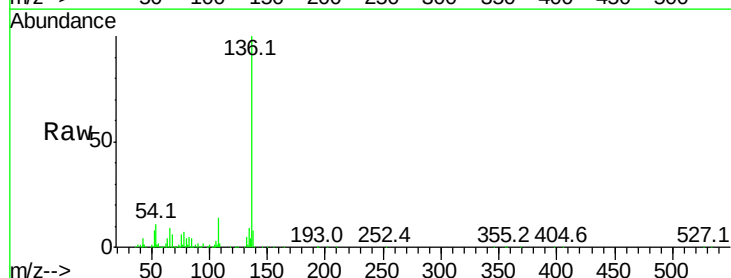
Delta R.T. -0.01 min

Lab File: BG025818.D

Acq: 7 Feb 2017 1:20

Tgt Ion:136 Resp: 316670

Ion	Ratio	Lower	Upper
136	100		
137	8.2	8.9	13.3#
54	11.4	9.3	13.9
68	5.7	5.1	7.7



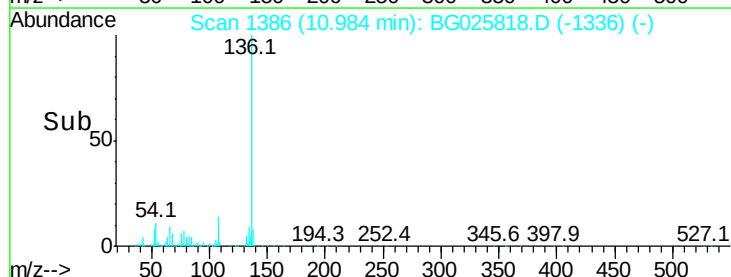
Abundance

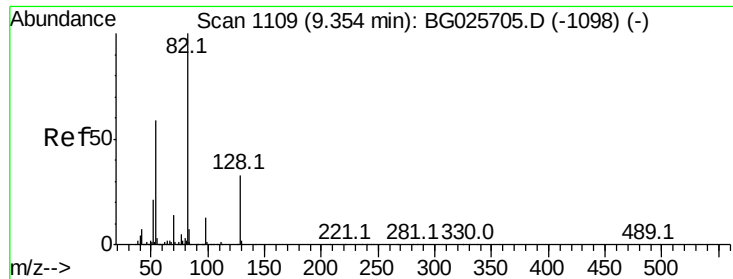
Ion 136.00 (135.70 to 136.70): BGC

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

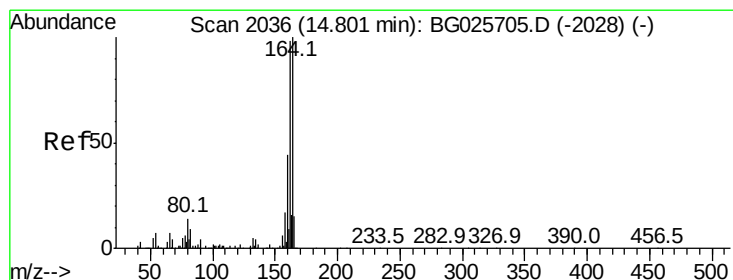
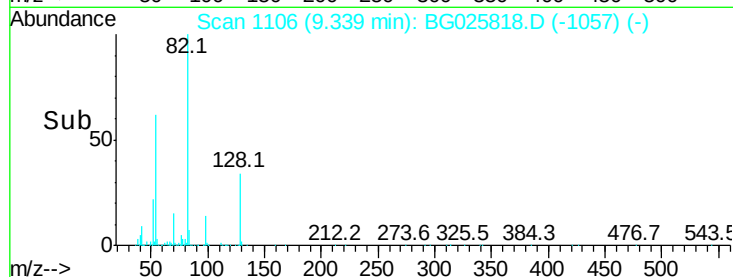
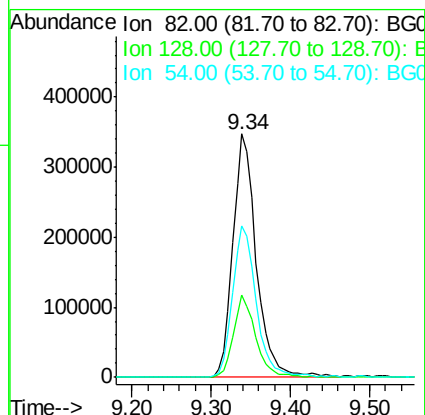
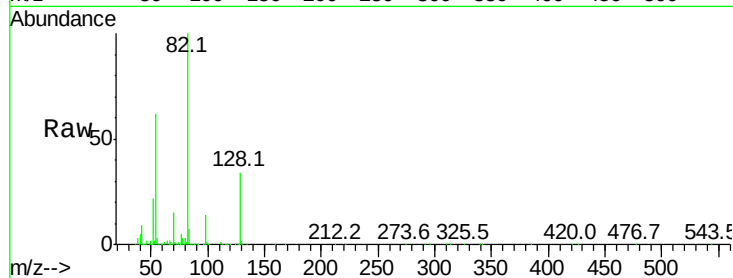




#23
 Nitrobenzene-d5
 Concen: 94.75 ng
 RT: 9.34 min Scan# 1106
 Delta R.T. -0.02 min
 Lab File: BG025818.D
 Acq: 7 Feb 2017 1:20

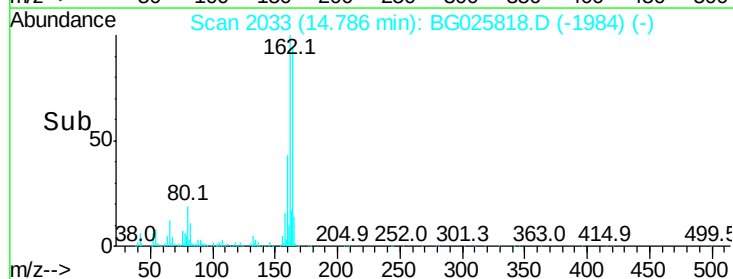
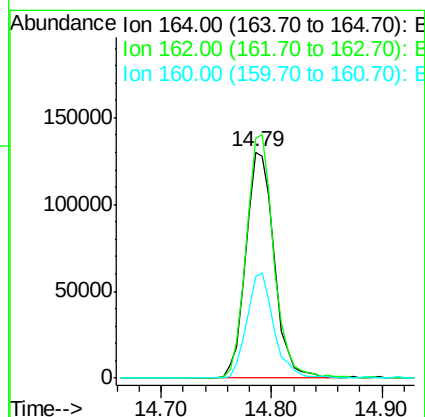
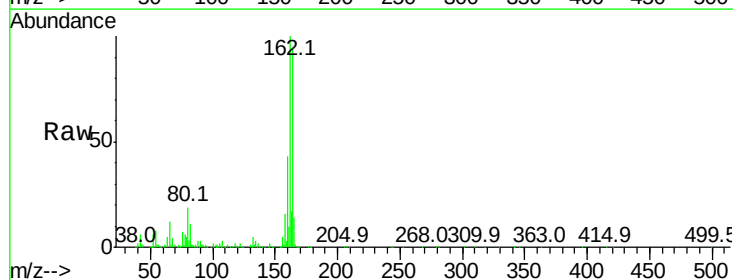
Instrument :
 BNA_G
 ClientSampleId :
 WC-B18-B19-001

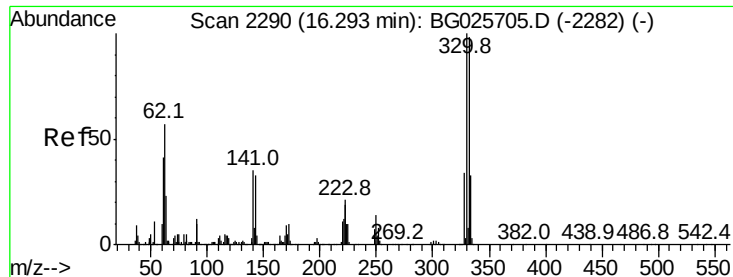
Tot Ion	Ratio	Lower	Upper
82	100		
128	33.7	26.4	39.6
54	62.4	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.79 min Scan# 2033
 Delta R.T. -0.01 min
 Lab File: BG025818.D
 Acq: 7 Feb 2017 1:20

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.0	85.1	127.7
160	45.2	34.7	52.1

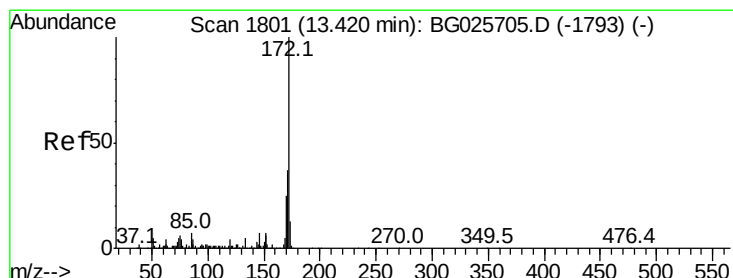
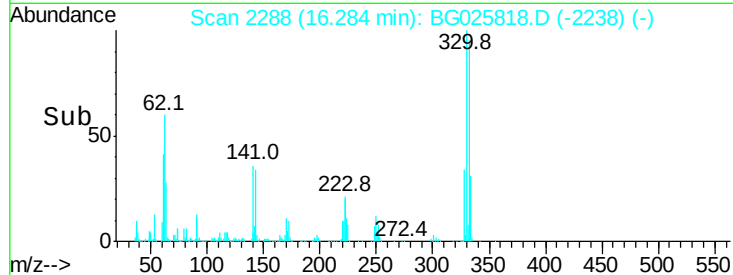
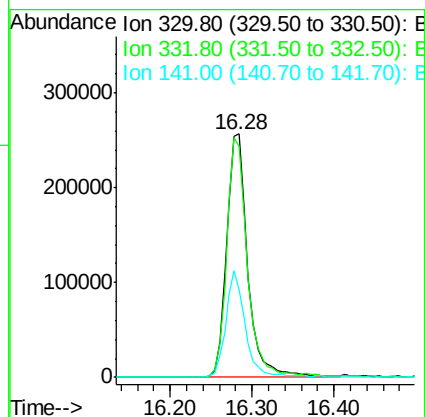
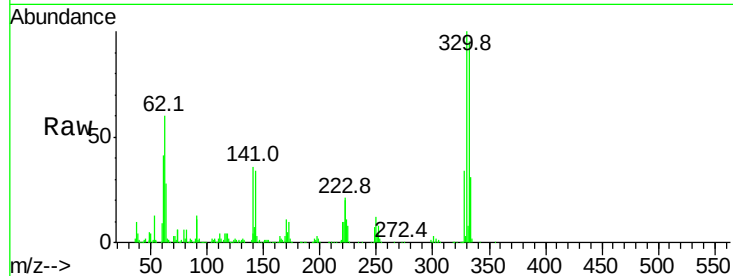




#41
 2,4,6-Tribromophenol
 Concen: 137.21 ng
 RT: 16.28 min Scan# 2288
 Delta R.T. -0.01 min
 Lab File: BG025818.D
 Acq: 7 Feb 2017 1:20

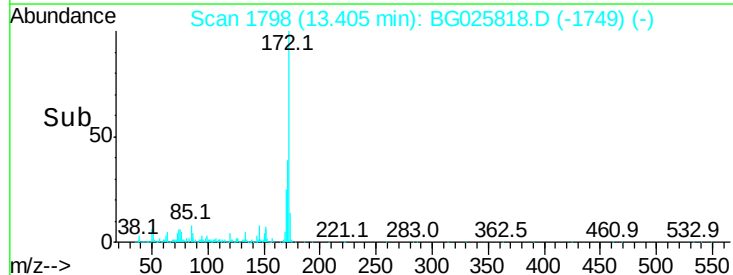
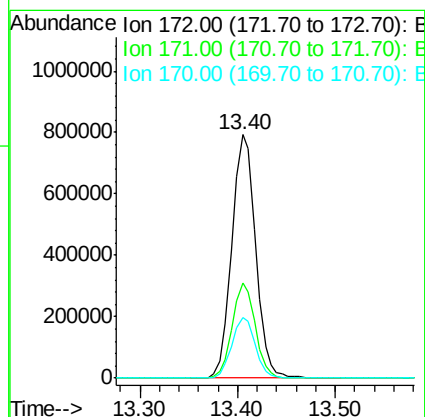
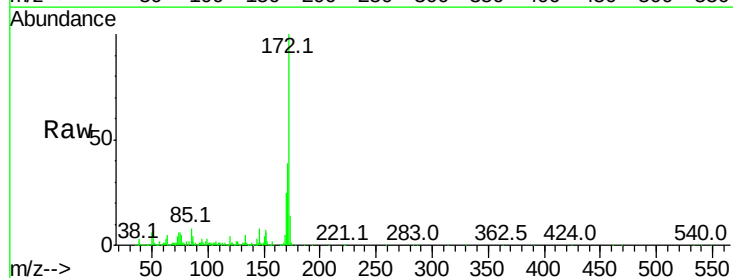
Instrument :
 BNA_G
 ClientSampleId :
 WC-B18-B19-001

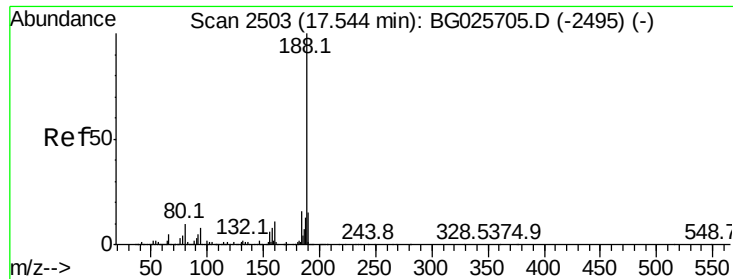
Tot Ion:330 Resp: 460002
 Ion Ratio Lower Upper
 330 100
 332 95.1 77.3 115.9
 141 39.8 32.1 48.1



#44
 2-Fluorobiphenyl
 Concen: 92.74 ng
 RT: 13.40 min Scan# 1798
 Delta R.T. -0.02 min
 Lab File: BG025818.D
 Acq: 7 Feb 2017 1:20

Tgt Ion:172 Resp: 1342457
 Ion Ratio Lower Upper
 172 100
 171 39.1 32.2 48.2
 170 24.9 21.8 32.6





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.54 min Scan# 2502

Delta R.T. -0.00 min

Lab File: BG025818.D

Acq: 7 Feb 2017 1:20

Instrument :

BNA_G

ClientSampleId :

WC-B18-B19-001

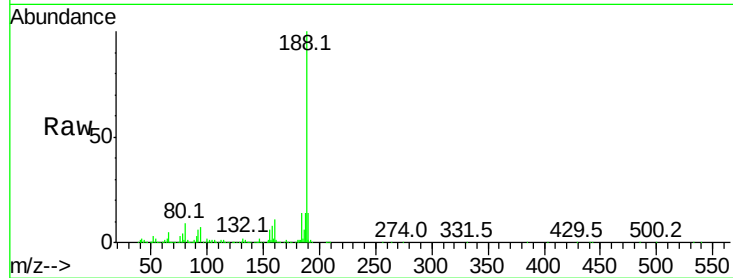
Tot Ion:188 Resp: 546979

Ion Ratio Lower Upper

188 100

94 7.4 5.8 8.8

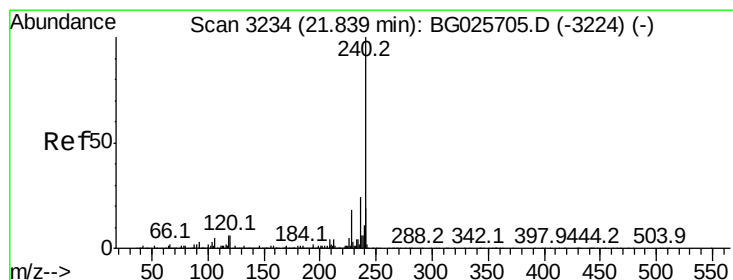
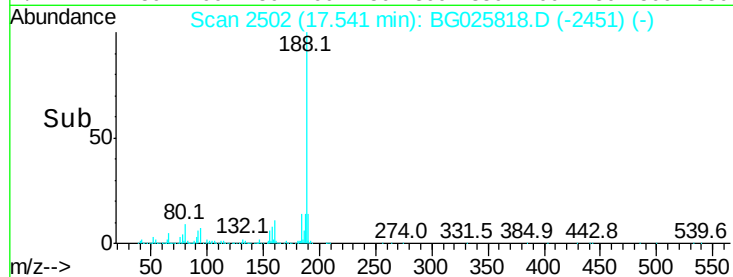
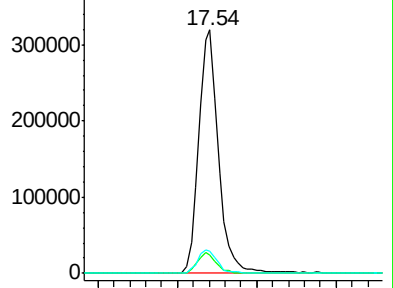
80 9.2 7.5 11.3



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: 20.00 ng

RT: 21.82 min Scan# 3231

Delta R.T. -0.02 min

Lab File: BG025818.D

Acq: 7 Feb 2017 1:20

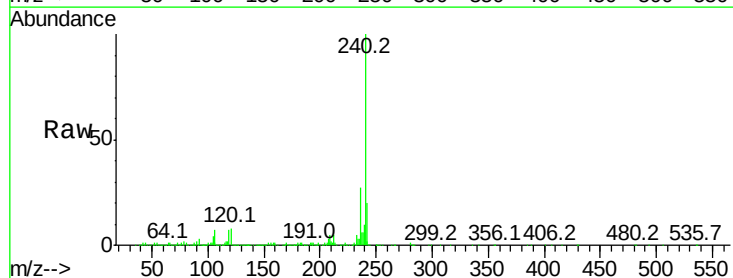
Tgt Ion:240 Resp: 713624

Ion Ratio Lower Upper

240 100

120 8.3 5.7 8.5

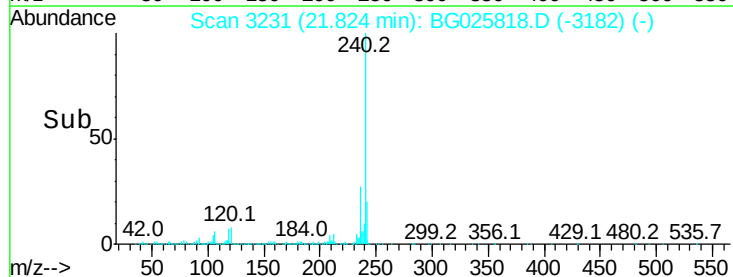
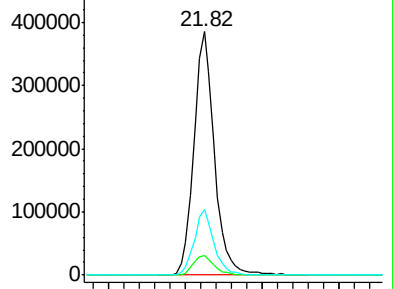
236 26.9 22.2 33.4

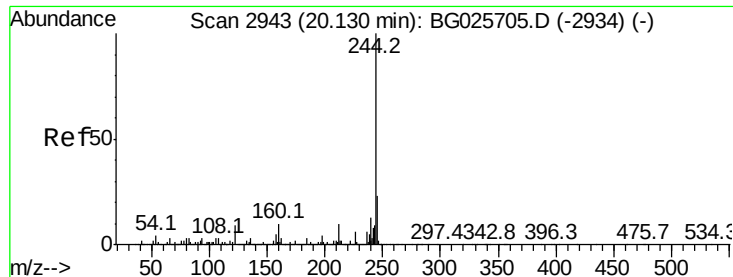


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 87.13 ng

RT: 20.11 min Scan# 2940

Delta R.T. -0.02 min

Lab File: BG025818.D

Acq: 7 Feb 2017 1:20

Instrument :

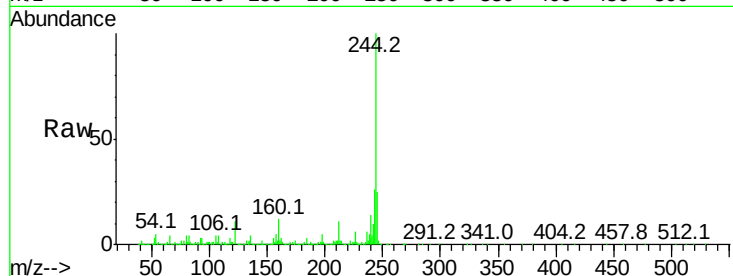
BNA_G

ClientSampleId :

WC-B18-B19-001

Tot Ion:244 Resp: 2576062

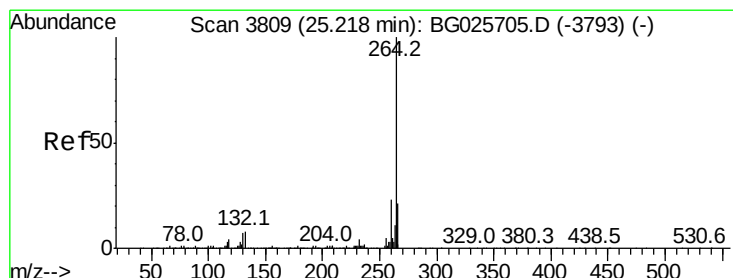
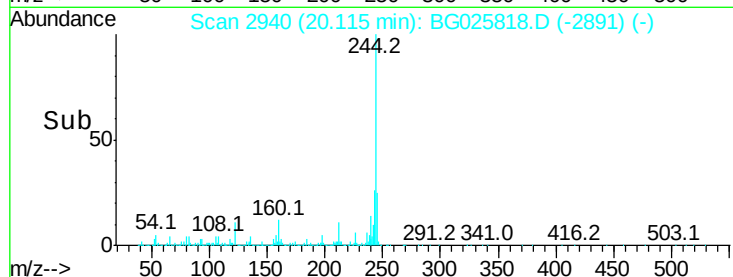
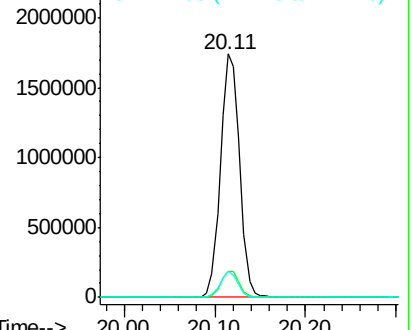
Ion	Ratio	Lower	Upper
244	100		
212	10.9	10.0	15.0
122	10.8	8.6	12.8



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: 20.00 ng

RT: 25.19 min Scan# 3804

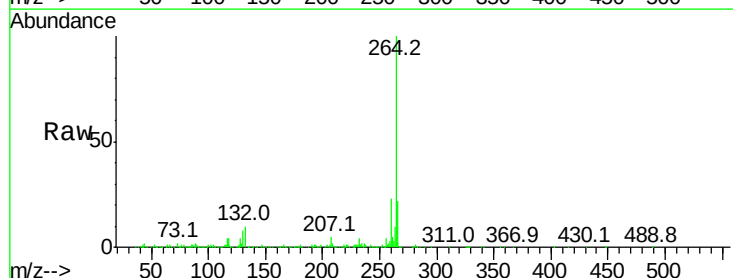
Delta R.T. -0.03 min

Lab File: BG025818.D

Acq: 7 Feb 2017 1:20

Tgt Ion:264 Resp: 678515

Ion	Ratio	Lower	Upper
264	100		
260	22.5	21.8	32.8
265	22.1	18.2	27.4



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

