

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030217\
 Data File : BG026038.D
 Acq On : 2 Mar 2017 20:37
 Operator : SJ/MA
 Sample : I2056-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 4B-17

Quant Time: Mar 03 00:41:35 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 28 15:36:56 2017
 Response via : Initial Calibration

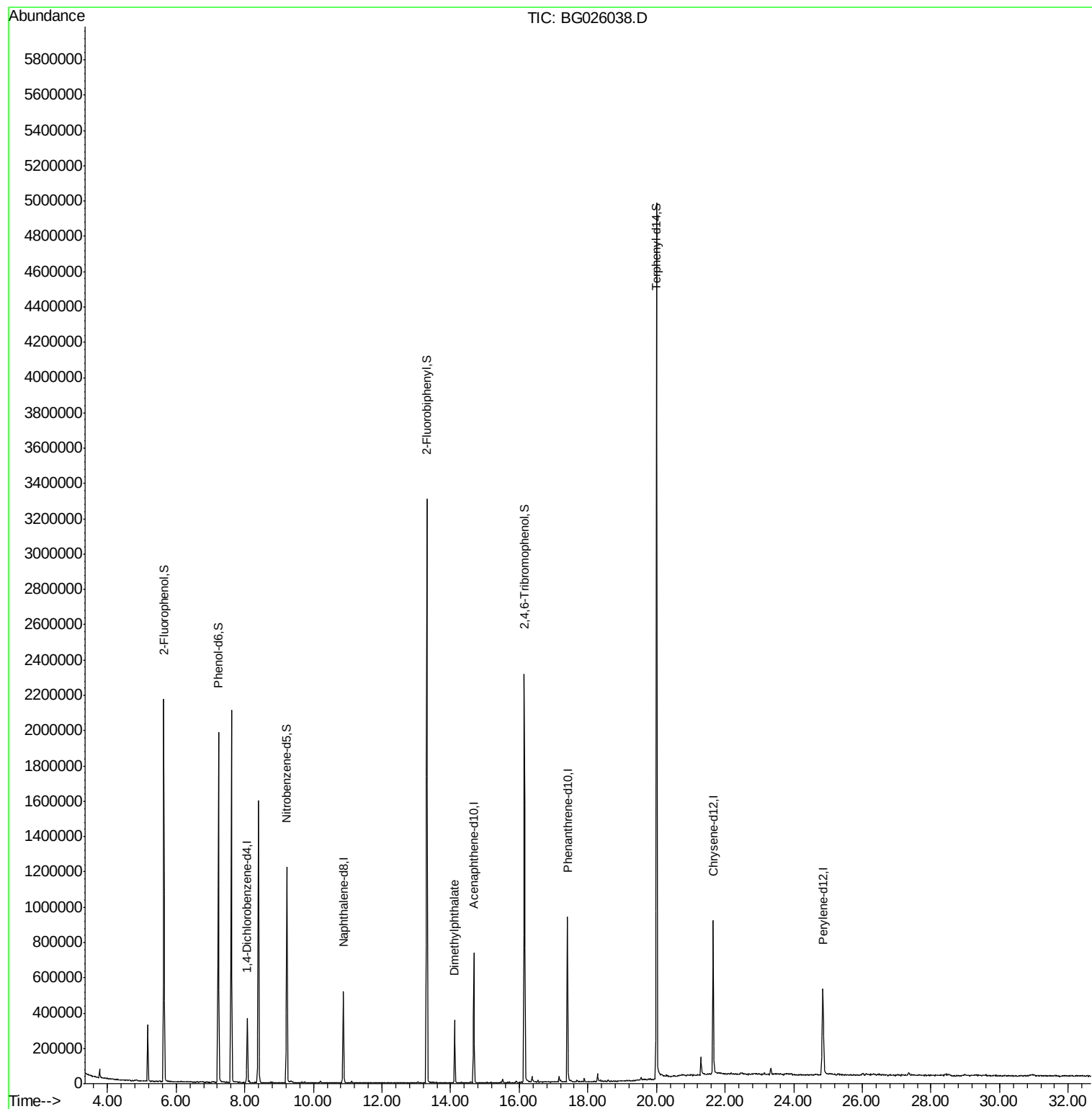
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	111739	20.00	ng	-0.02
21) Naphthalene-d8	10.87	136	464925	20.00	ng	-0.02
38) Acenaphthene-d10	14.67	164	260177	20.00	ng	-0.02
63) Phenanthrene-d10	17.41	188	593814	20.00	ng	-0.01
75) Chrysene-d12	21.65	240	561825	20.00	ng	-0.03
86) Perylene-d12	24.85	264	517612	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	997103	155.36	ng	-0.01
7) Phenol-d6	7.23	99	1347717	141.90	ng	0.00
23) Nitrobenzene-d5	9.23	82	767625	104.20	ng	-0.02
41) 2,4,6-Tribromophenol	16.15	330	433455	180.32	ng	-0.01
44) 2-Fluorobiphenyl	13.30	172	1737419	116.69	ng	-0.02
78) Terphenyl-d14	20.00	244	2212581	95.78	ng	-0.02
Target Compounds						
49) Dimethylphthalate	14.12	163	250199	14.02	ng	Qvalue 96

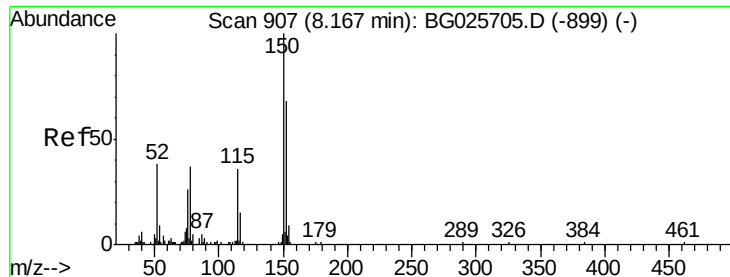
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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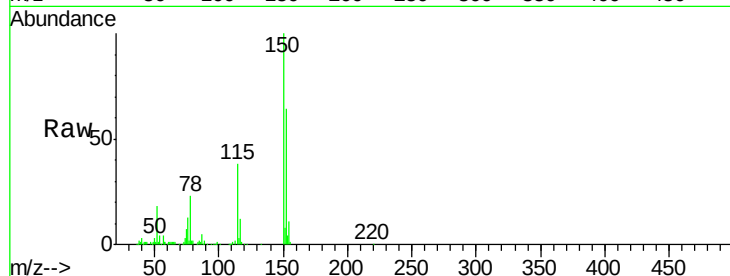


#1

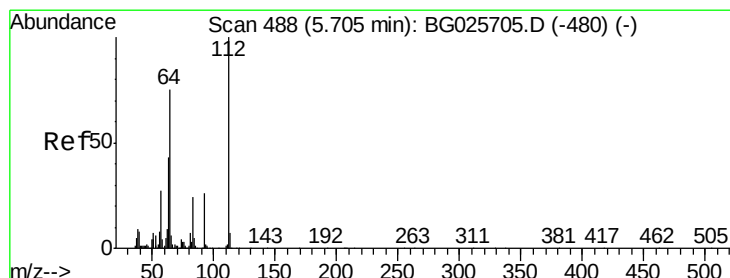
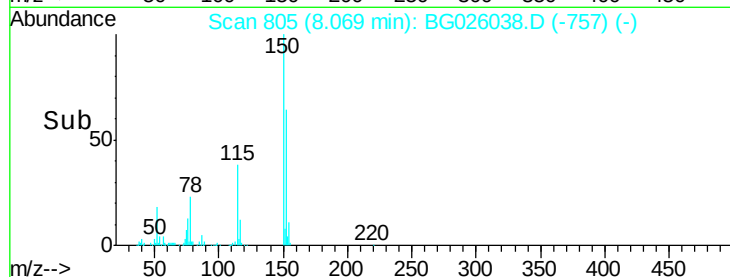
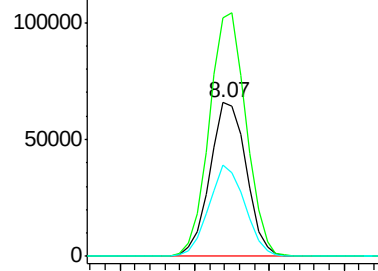
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.07 min Scan# 805
 Delta R.T. -0.02 min
 Lab File: BG026038.D
 Acq: 2 Mar 2017 20:37

Instrument :
 BNA_G
 ClientSampleId :
 4B-17

Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.6	114.0	171.0
115	59.5	48.1	72.1



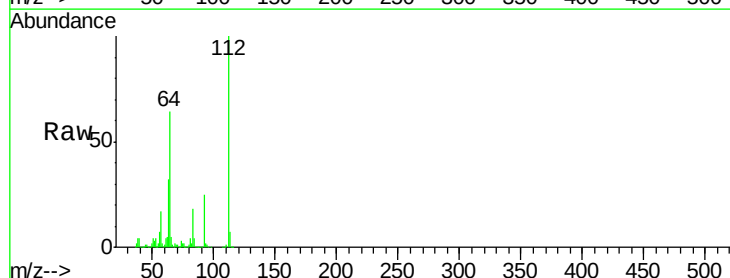
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



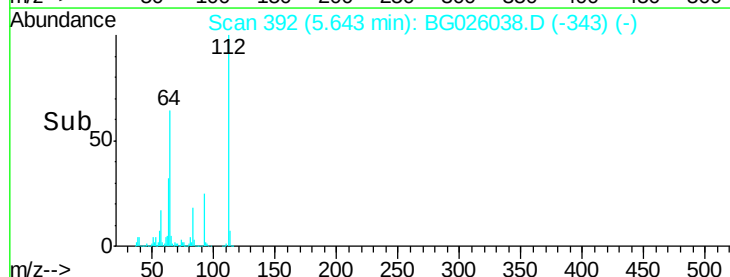
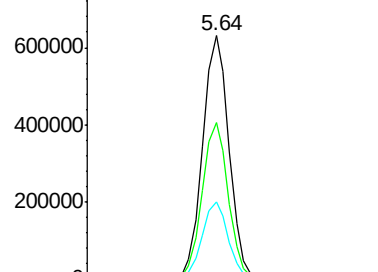
#5

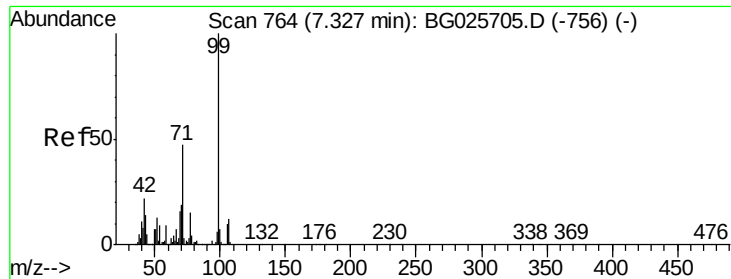
2-Fluorophenol
 Concen: 155.36 ng
 RT: 5.64 min Scan# 392
 Delta R.T. -0.01 min
 Lab File: BG026038.D
 Acq: 2 Mar 2017 20:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.4	61.8	92.6
63	31.6	37.2	55.8



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: 141.90 ng

RT: 7.23 min Scan# 662

Delta R.T. -0.01 min

Lab File: BG026038.D

Acq: 2 Mar 2017 20:37

Instrument :

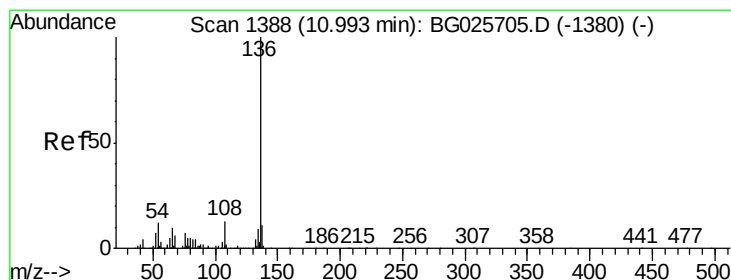
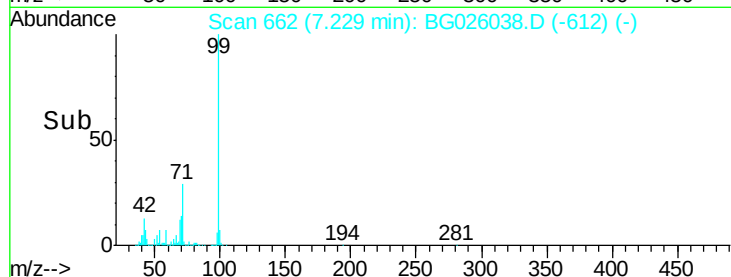
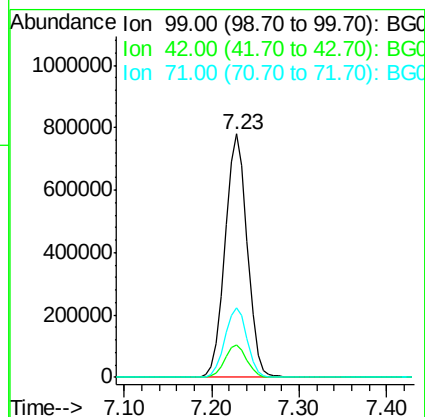
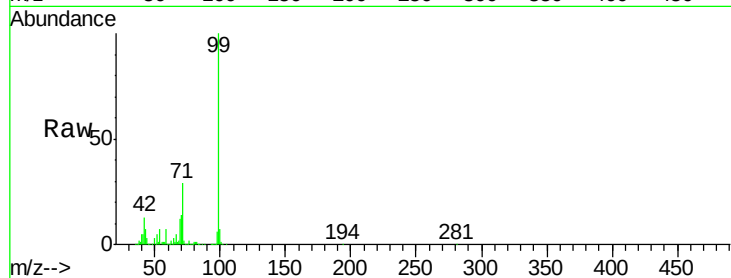
BNA_G

ClientSampleId :

4B-17

Tgt Ion: 99 Resp: 1347717

Ion	Ratio	Lower	Upper
99	100		
42	13.4	20.5	30.7#
71	28.8	37.6	56.4#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.87 min Scan# 1282

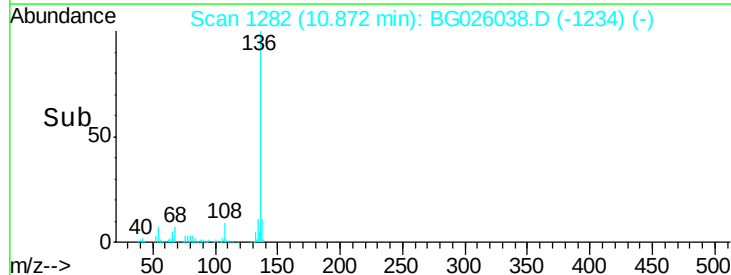
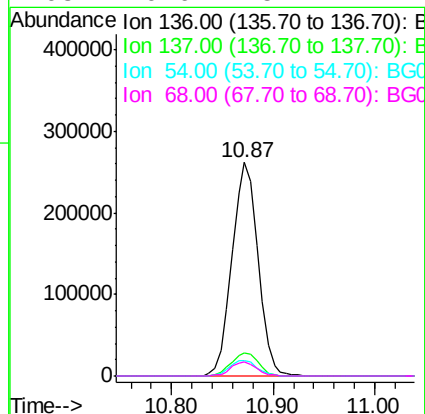
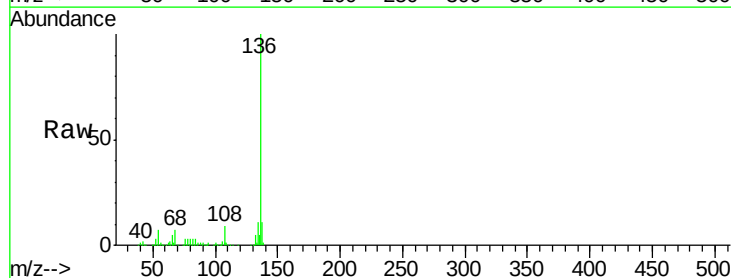
Delta R.T. -0.02 min

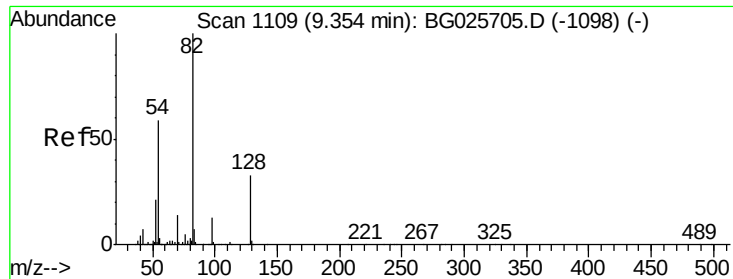
Lab File: BG026038.D

Acq: 2 Mar 2017 20:37

Tgt Ion: 136 Resp: 464925

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	7.1	9.3	13.9#
68	6.6	5.1	7.7

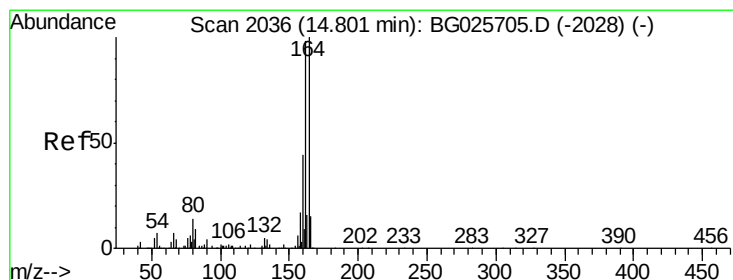
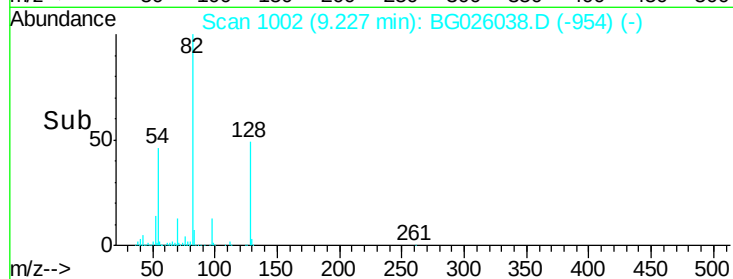
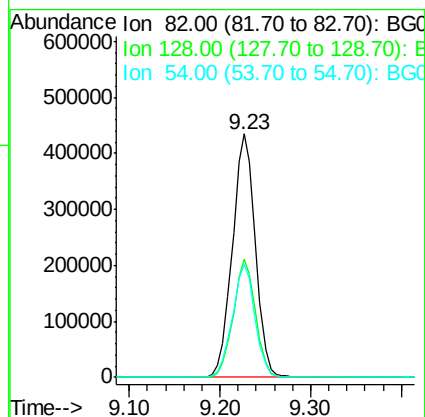
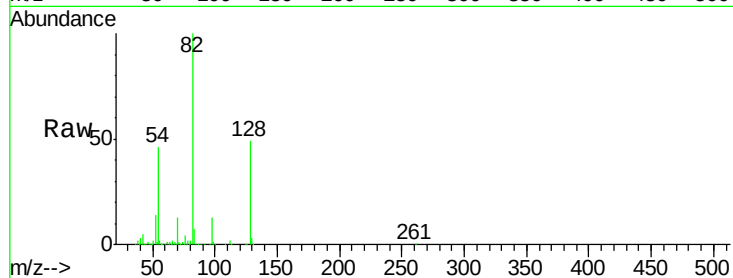




#23
 Nitrobenzene-d5
 Concen: 104.20 ng
 RT: 9.23 min Scan# 1002
 Delta R.T. -0.02 min
 Lab File: BG026038.D
 Acq: 2 Mar 2017 20:37

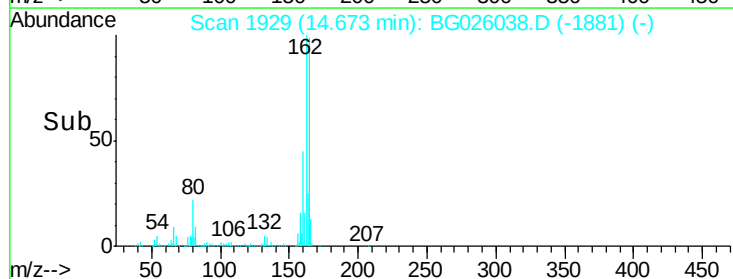
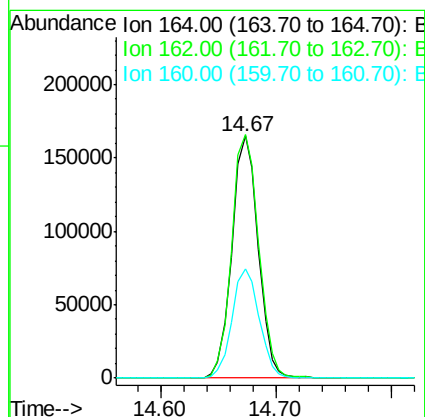
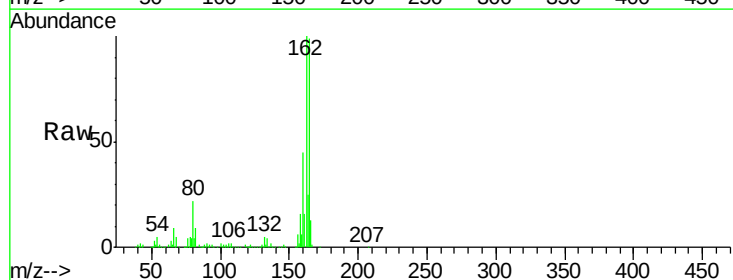
Instrument :
 BNA_G
 ClientSampleId :
 4B-17

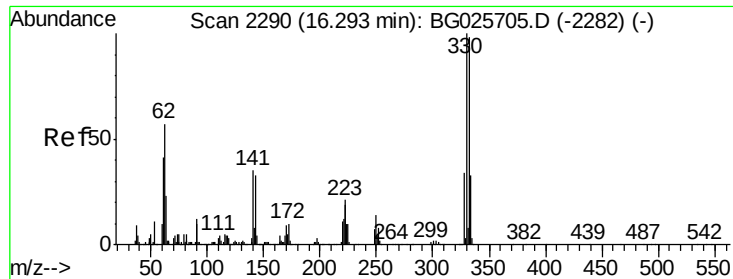
Tgt Ion	Ratio	Lower	Upper
82	100		
128	48.7	26.4	39.6#
54	46.3	49.4	74.2#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.67 min Scan# 1929
 Delta R.T. -0.02 min
 Lab File: BG026038.D
 Acq: 2 Mar 2017 20:37

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.6	85.1	127.7
160	45.1	34.7	52.1

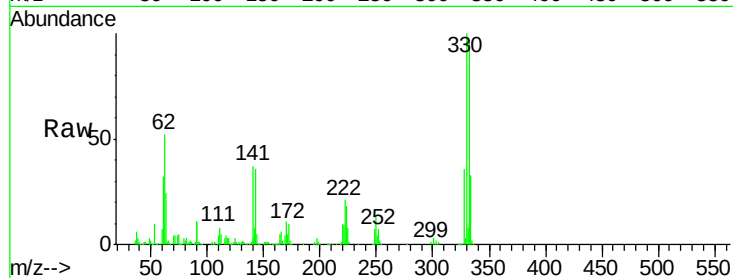




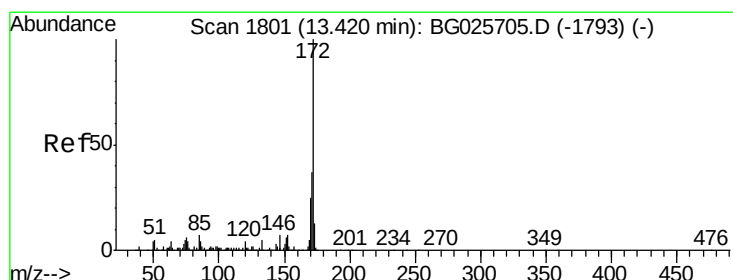
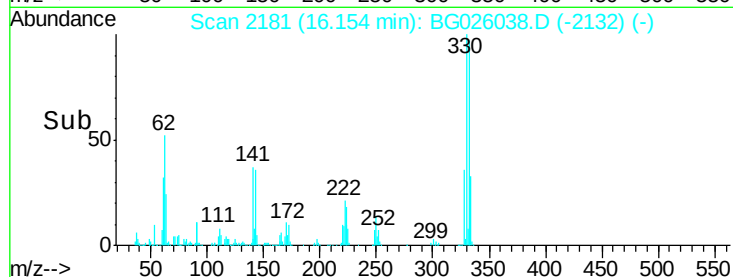
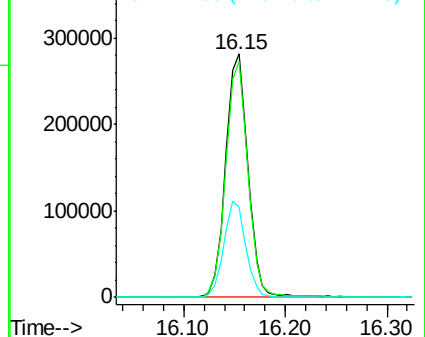
#41
2,4,6-Tribromophenol
Concen: 180.32 ng
RT: 16.15 min Scan# 2181
Delta R.T. -0.01 min
Lab File: BG026038.D
Acq: 2 Mar 2017 20:37

Instrument :
BNA_G
ClientSampled :
4B-17

Tgt Ion:330 Resp: 433455
Ion Ratio Lower Upper
330 100
332 95.7 77.3 115.9
141 39.1 32.1 48.1

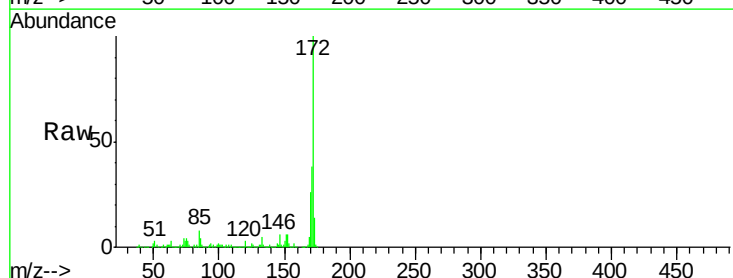


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

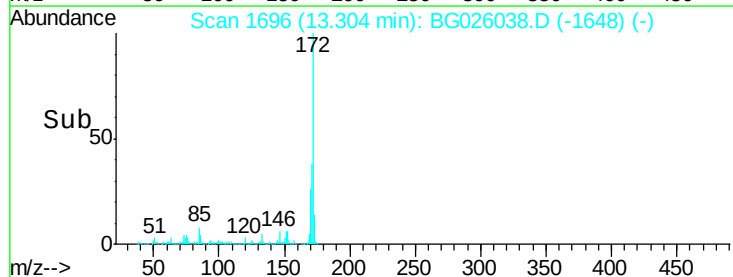
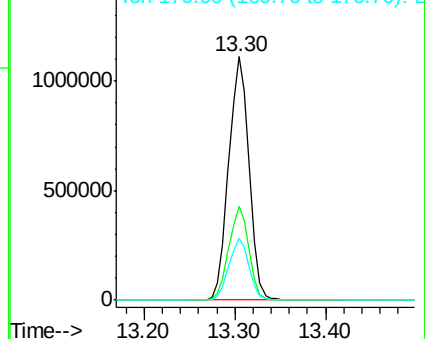


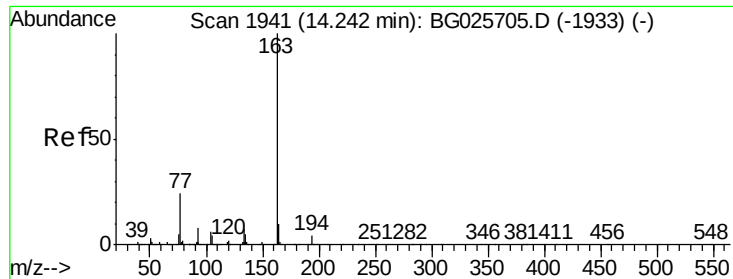
#44
2-Fluorobiphenyl
Concen: 116.69 ng
RT: 13.30 min Scan# 1696
Delta R.T. -0.02 min
Lab File: BG026038.D
Acq: 2 Mar 2017 20:37

Tgt Ion:172 Resp: 1737419
Ion Ratio Lower Upper
172 100
171 38.4 32.2 48.2
170 25.6 21.8 32.6



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





#49

Dimethylphthalate

Concen: 14.02 ng

RT: 14.12 min Scan# 1835

Delta R.T. -0.02 min

Lab File: BG026038.D

Acq: 2 Mar 2017 20:37

Instrument :

BNA_G

ClientSampleId :

4B-17

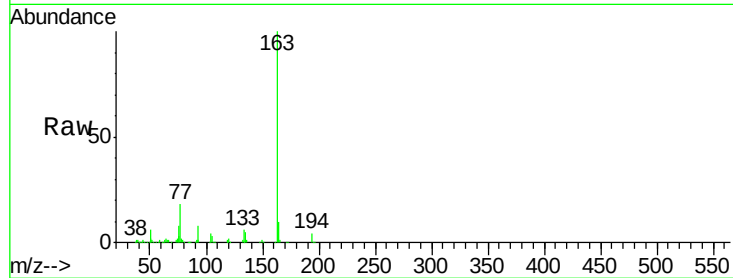
Tgt Ion:163 Resp: 250199

Ion Ratio Lower Upper

163 100

194 4.2 3.8 5.6

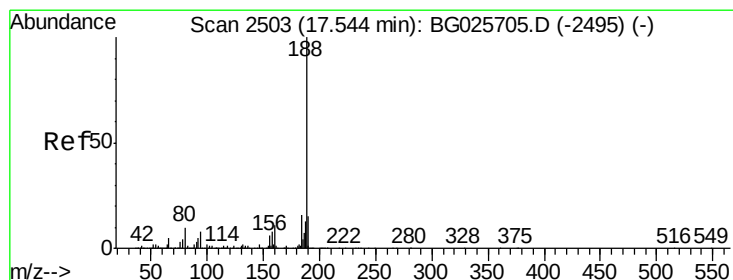
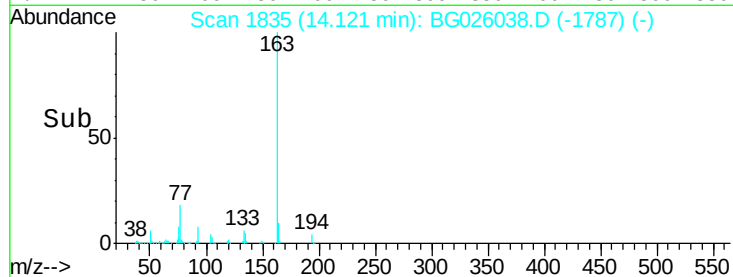
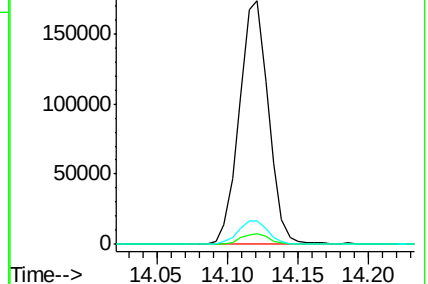
164 9.9 9.3 13.9



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.41 min Scan# 2394

Delta R.T. -0.01 min

Lab File: BG026038.D

Acq: 2 Mar 2017 20:37

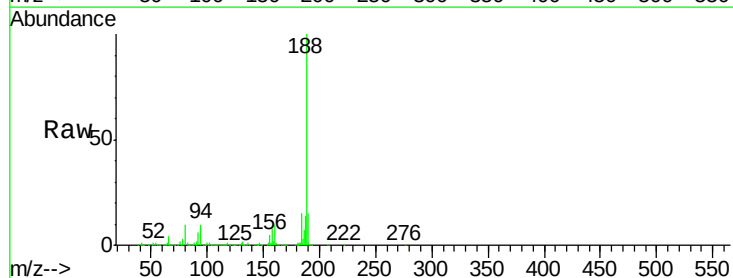
Tgt Ion:188 Resp: 593814

Ion Ratio Lower Upper

188 100

94 9.6 5.8 8.8#

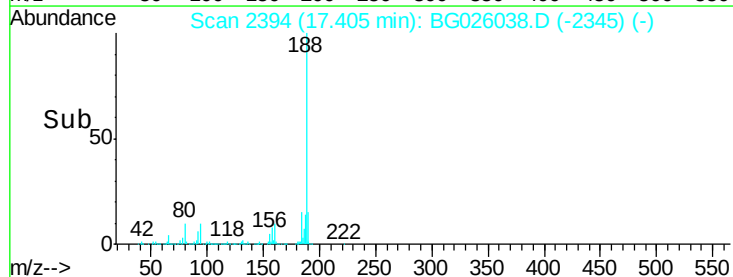
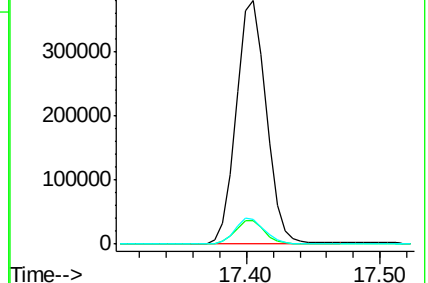
80 10.3 7.5 11.3

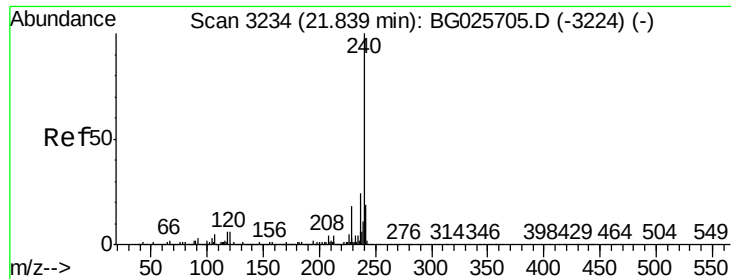


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

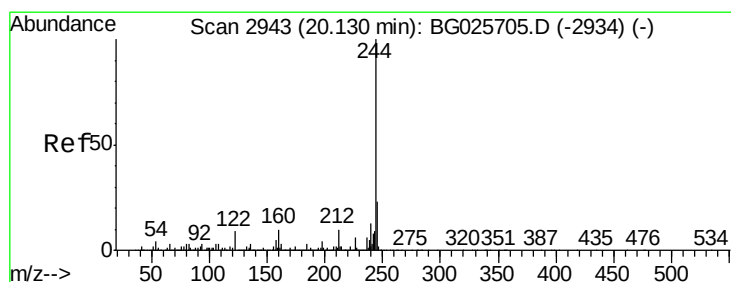
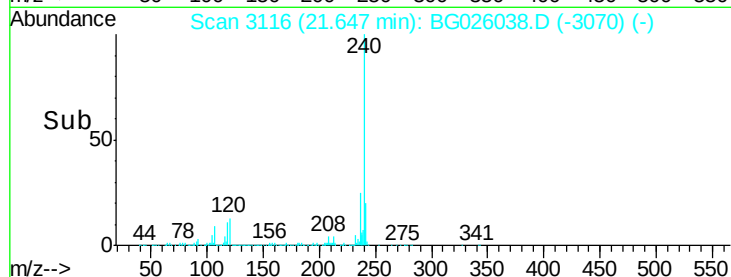
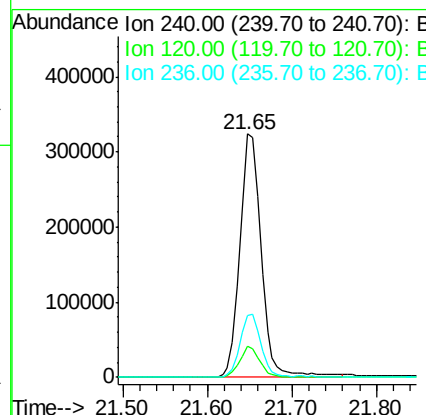
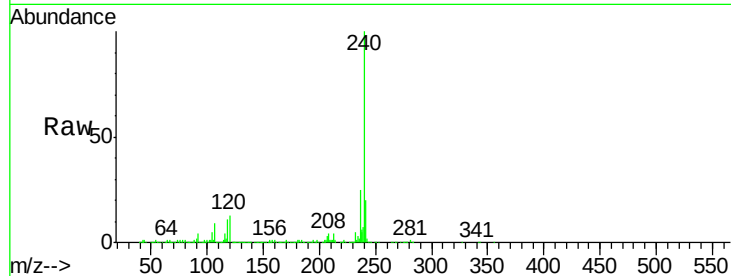




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.65 min Scan# 3116
Delta R.T. -0.03 min
Lab File: BG026038.D
Acq: 2 Mar 2017 20:37

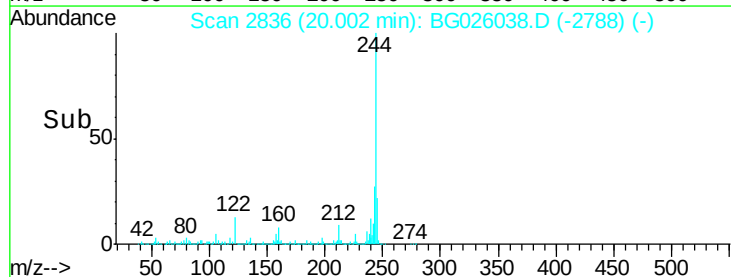
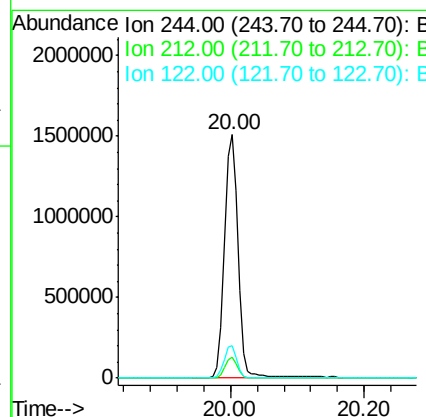
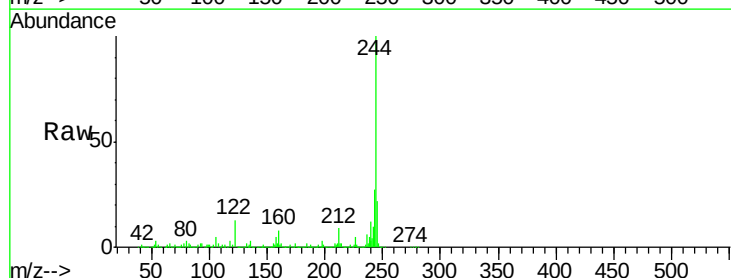
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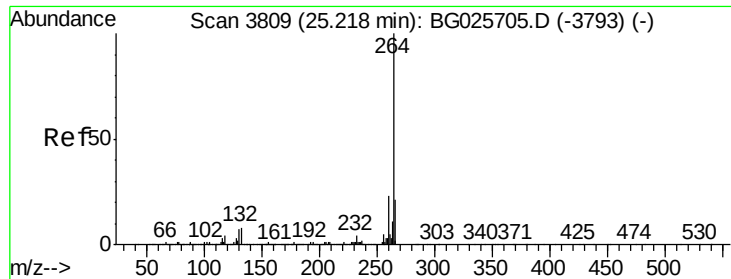
Tgt Ion:240 Resp: 561825
Ion Ratio Lower Upper
240 100
120 12.7 5.7 8.5#
236 25.4 22.2 33.4



#78
Terphenyl-d14
Concen: 95.78 ng
RT: 20.00 min Scan# 2836
Delta R.T. -0.02 min
Lab File: BG026038.D
Acq: 2 Mar 2017 20:37

Tgt Ion:244 Resp: 2212581
Ion Ratio Lower Upper
244 100
212 8.5 10.0 15.0#
122 13.3 8.6 12.8#





#86
Perylene-d12
Concen: 20.00 ng
RT: 24.85 min Scan# 3661
Delta R.T. -0.04 min
Lab File: BG026038.D
Acq: 2 Mar 2017 20:37

Instrument :
BNA_G
ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	21.8	32.8
265	21.6	18.2	27.4

