

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040418\
 Data File : BG033589.D
 Acq On : 5 Apr 2018 10:42
 Operator : SJ/JU
 Sample : PB107976TB
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB107976TB

Manual Integrations
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Quant Time: Apr 05 11:31:18 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 04 18:35:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	30416	20.00	ng	0.00
21) Naphthalene-d8	11.75	136	139371	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	114740	20.00	ng	0.00
63) Phenanthrene-d10	18.20	188	321641	20.00	ng	0.00
75) Chrysene-d12	22.55	240	328630	20.00	ng	0.00
86) Perylene-d12	26.32	264	322980m	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	304108	187.48	ng	0.00
7) Phenol-d6	7.98	99	488047	175.11	ng	0.00
23) Nitrobenzene-d5	10.06	82	291926	96.23	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	229901	133.97	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	769691	96.84	ng	0.00
78) Terphenyl-d14	20.73	244	1526168	99.32	ng	0.00

Target Compounds Qvalue

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

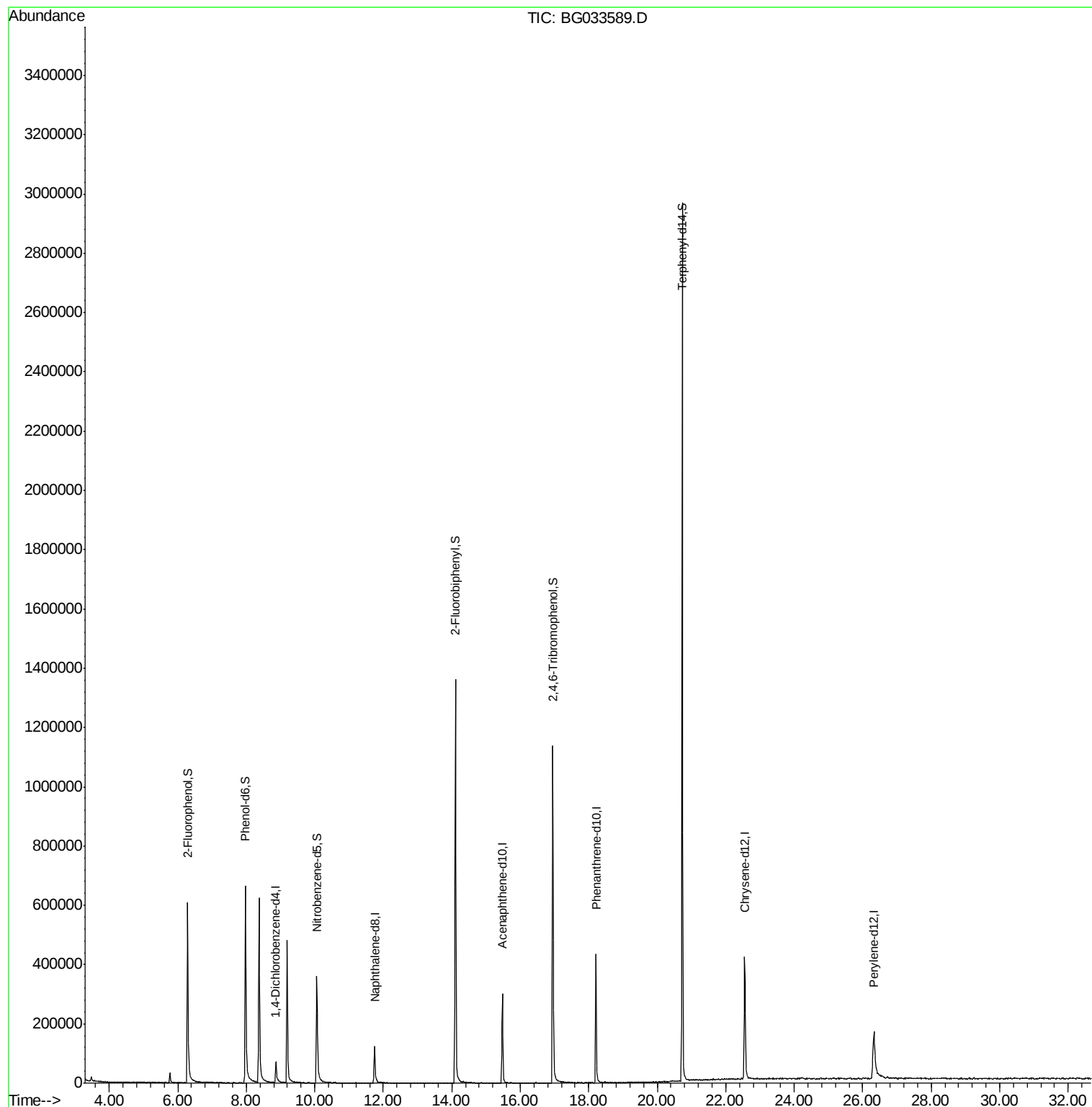
Data Path : Z:\HPCHEM1\BNA G\DATA\BG040418\
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ALS Vial : 34 Sample Multiplier: 1

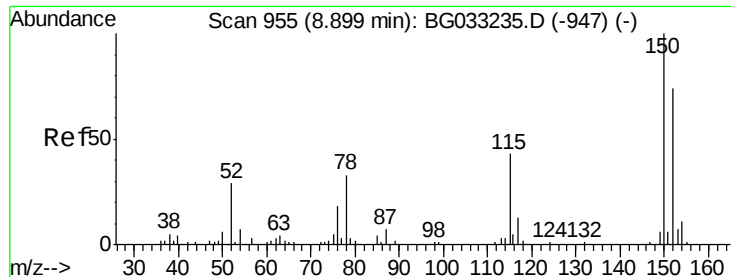
Instrument :
BNA_G
ClientSampleId :
PB107976TB

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#1

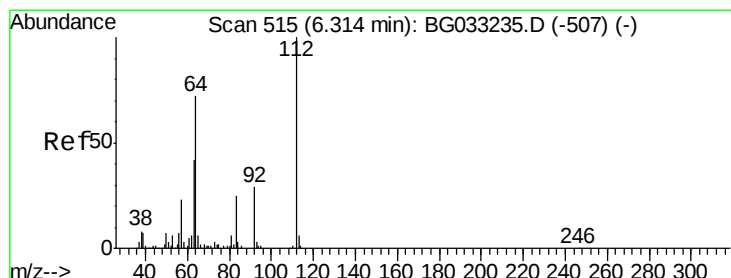
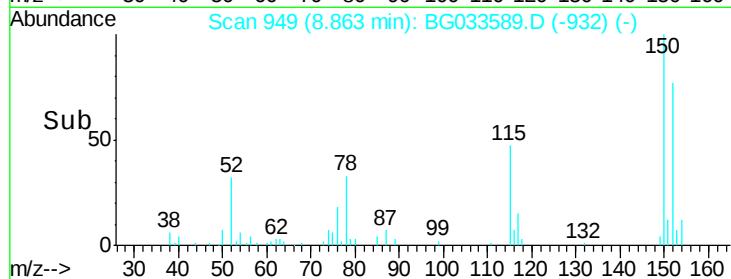
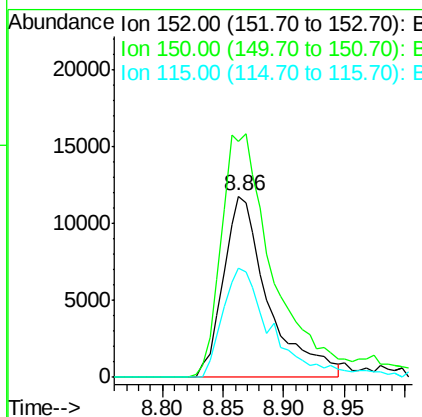
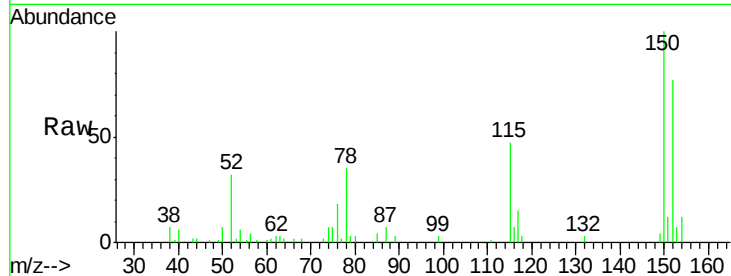
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 949
Delta R.T. -0.00 min
Lab File: BG033589.D
Acq: 5 Apr 2018 10:42

Instrument :
BNA_G
ClientSampleId :
PB107976TB

Tot Ion	Ratio	Lower	Upper
152	100		
150	130.2	126.6	189.8
115	60.6	53.0	79.4

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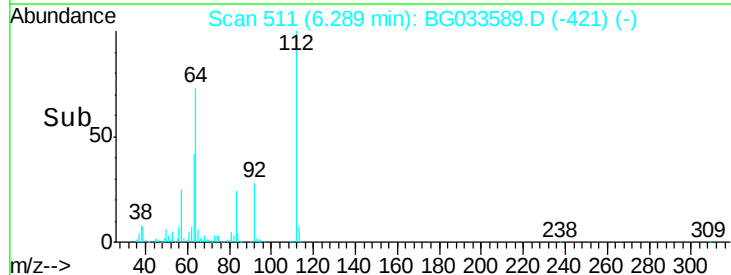
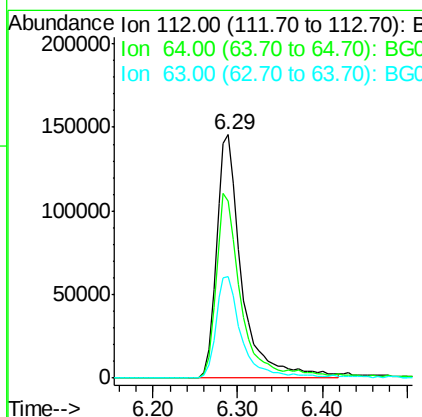
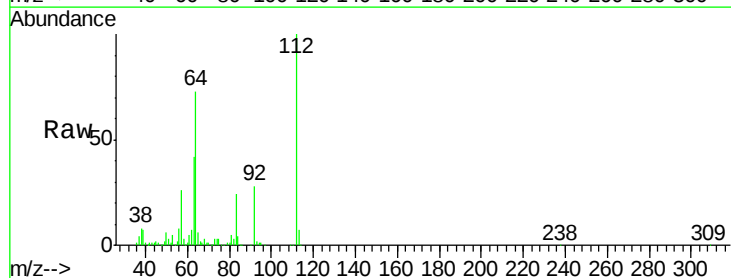
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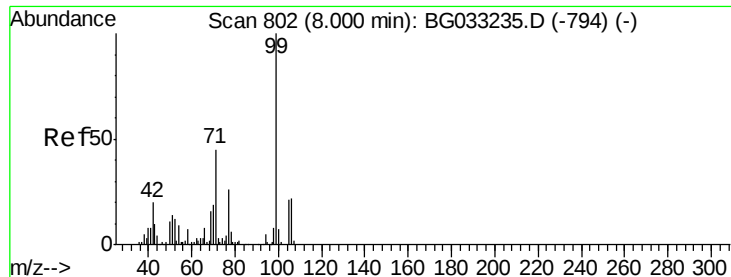


#5

2-Fluorophenol
Concen: 187.480 ng
RT: 6.29 min Scan# 511
Delta R.T. -0.00 min
Lab File: BG033589.D
Acq: 5 Apr 2018 10:42

Tgt Ion	Ratio	Lower	Upper
112	100		
64	72.8	56.3	84.5
63	41.9	30.1	45.1





#7

Phenol-d6

Concen: 175.111 ng

RT: 7.98 min Scan# 798

Delta R.T. -0.00 min

Lab File: BG033589.D

Acq: 5 Apr 2018 10:42

Instrument :

BNA_G

ClientSampled :

PB107976TB

Tot Ion: 99 Resp: 488047

Ion Ratio Lower Upper

99 100

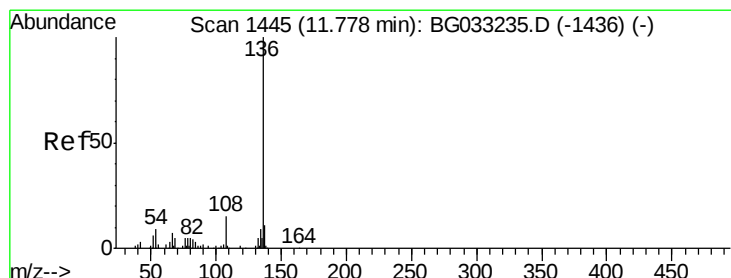
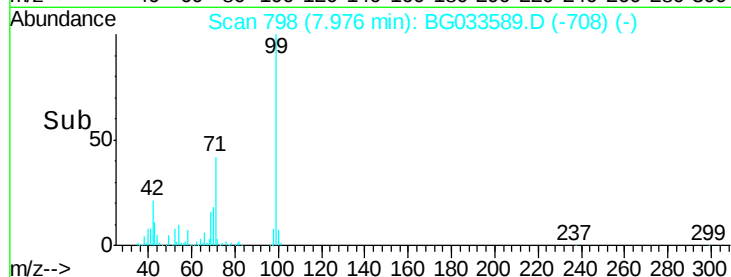
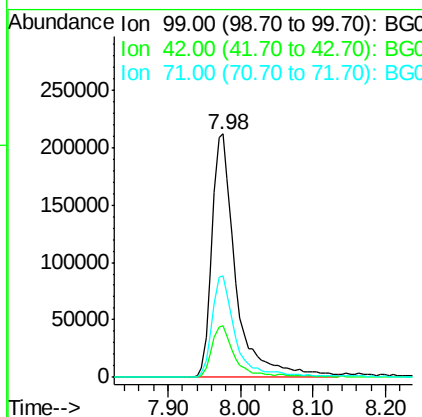
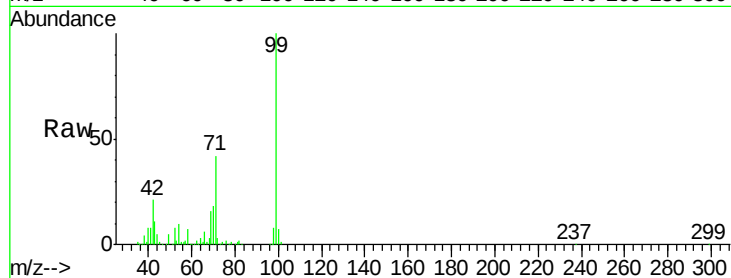
42 21.2 14.1 21.1#

71 41.7 26.1 39.1#

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.75 min Scan# 1440

Delta R.T. -0.00 min

Lab File: BG033589.D

Acq: 5 Apr 2018 10:42

Tgt Ion: 136 Resp: 139371

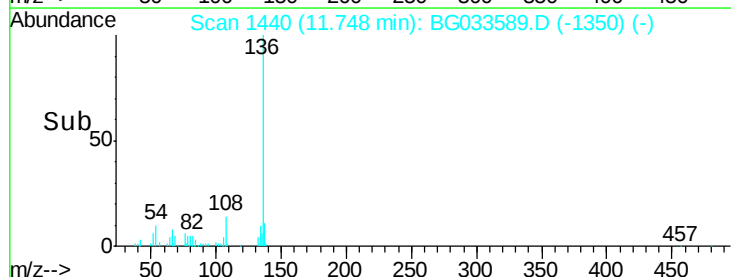
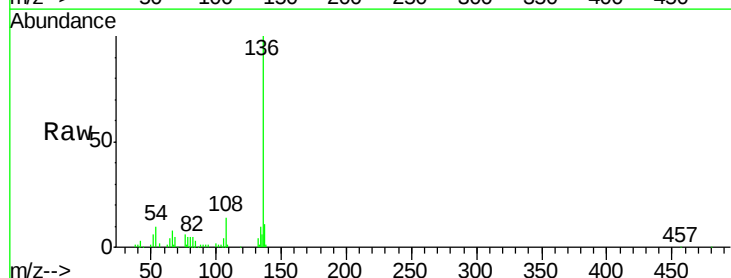
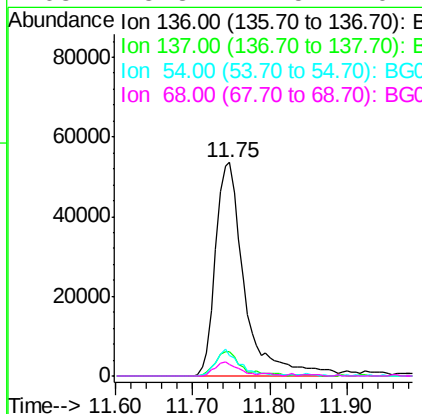
Ion Ratio Lower Upper

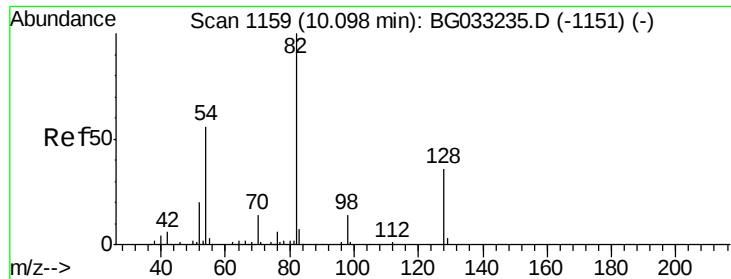
136 100

137 11.1 9.2 13.8

54 9.6 10.3 15.5#

68 5.3 4.5 6.7





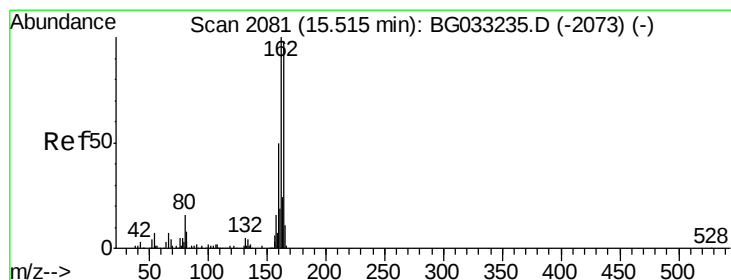
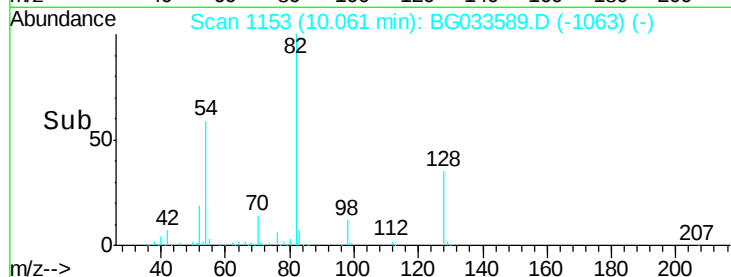
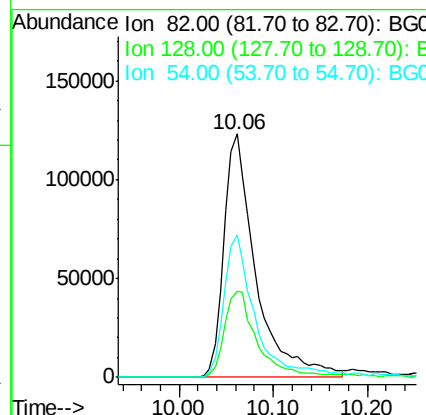
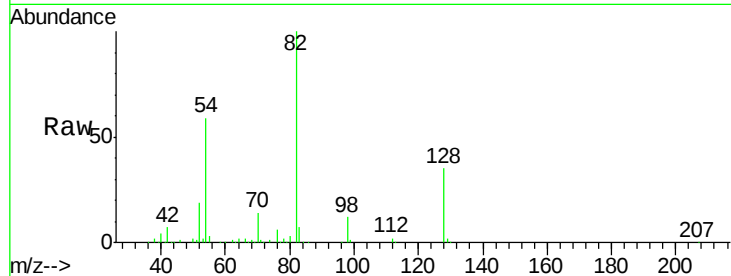
#23
 Nitrobenzene-d5
 Concen: 96.234 ng
 RT: 10.06 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: BG033589.D
 Acq: 5 Apr 2018 10:42

Instrument :
 BNA_G
 ClientSampleId :
 PB107976TB

Tot Ion	82	Resp	291926
Ion Ratio	100	Lower	Upper
128	35.4	29.7	44.5
54	58.6	43.1	64.7

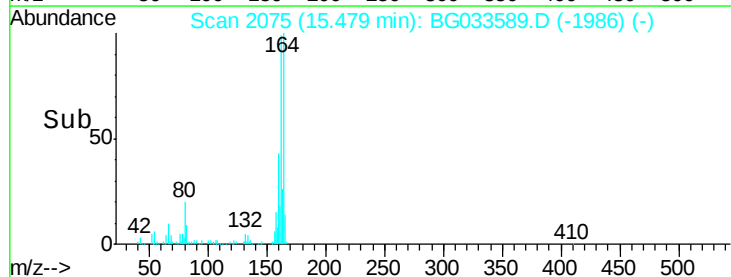
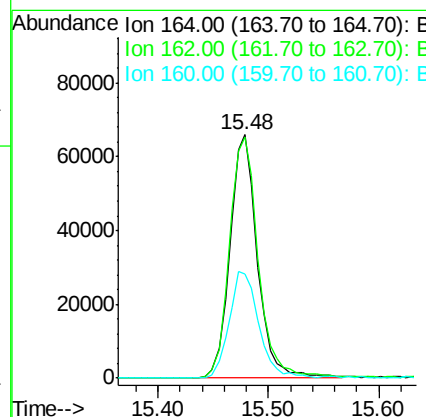
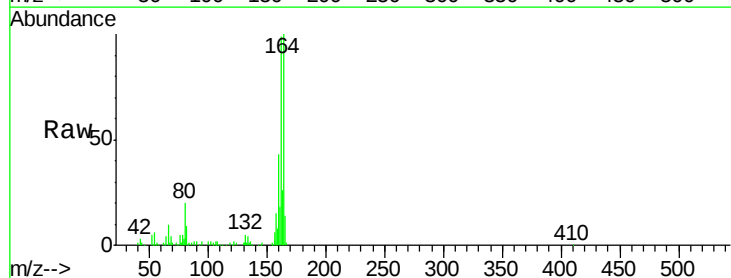
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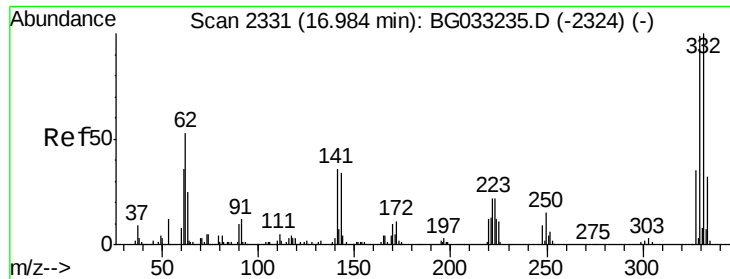
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.48 min Scan# 2075
 Delta R.T. -0.01 min
 Lab File: BG033589.D
 Acq: 5 Apr 2018 10:42

Tgt Ion	164	Resp	114740
Ion Ratio	100	Lower	Upper
162	99.0	78.8	118.2
160	42.6	35.4	53.0





#41

2,4,6-Tribromophenol

Concen: 133.969 ng

RT: 16.95 min Scan# 2326

Delta R.T. -0.00 min

Lab File: BG033589.D

Acq: 5 Apr 2018 10:42

Instrument :

BNA_G

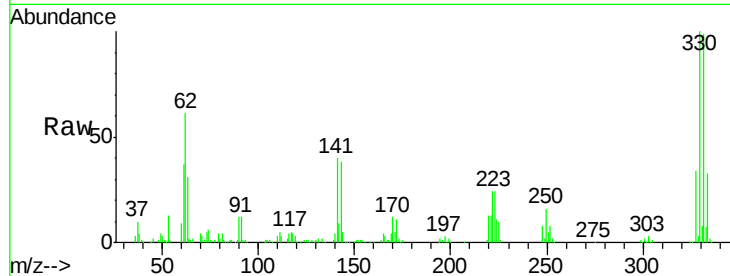
ClientSampleId :

PB107976TB

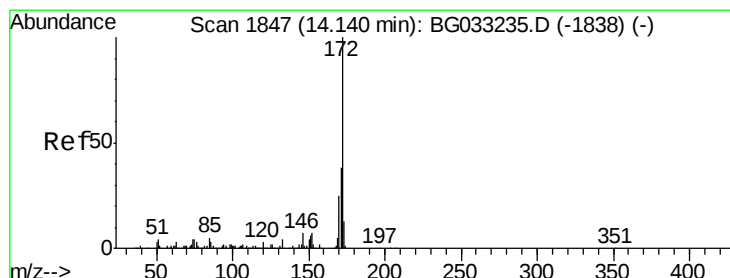
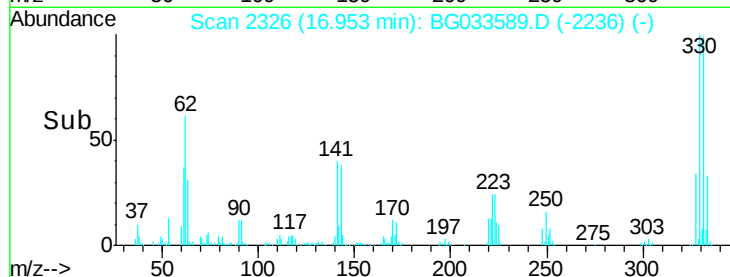
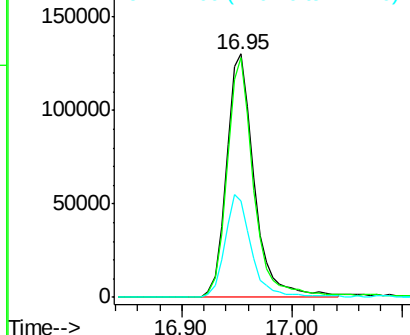
Tot Ion:	330	Resp:	229901
Ion Ratio	Lower	Upper	
330	100		
332	94.7	77.0	115.6
141	40.4	25.2	37.8

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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: 96.841 ng

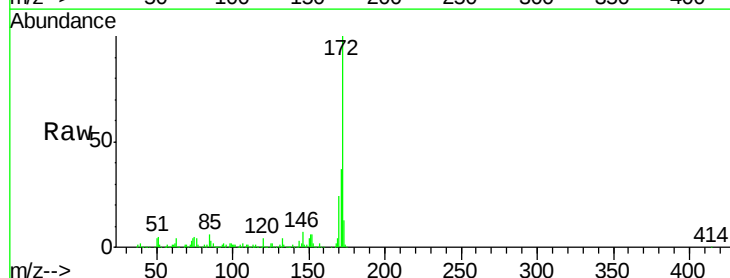
RT: 14.10 min Scan# 1841

Delta R.T. -0.00 min

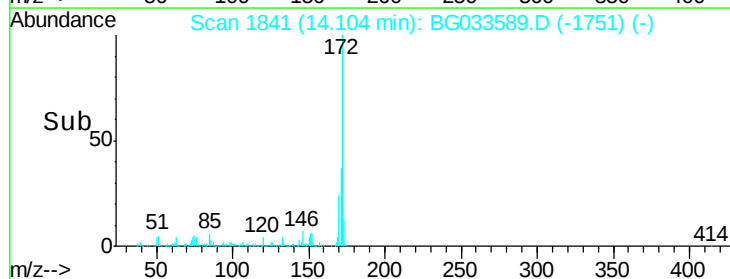
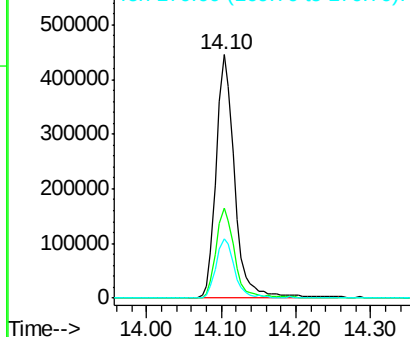
Lab File: BG033589.D

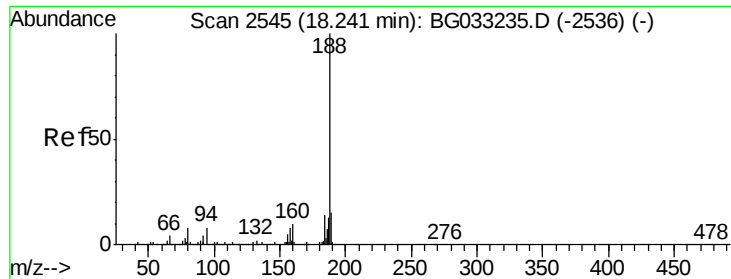
Acq: 5 Apr 2018 10:42

Tgt Ion:	172	Resp:	769691
Ion Ratio	Lower	Upper	
172	100		
171	36.8	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





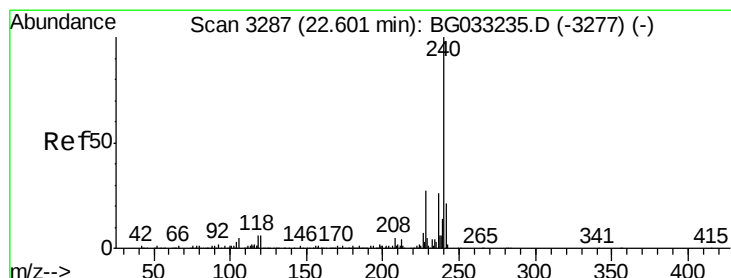
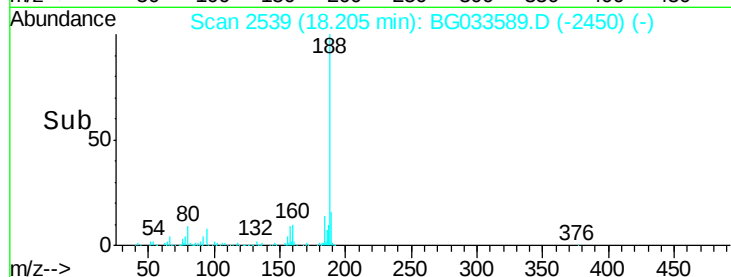
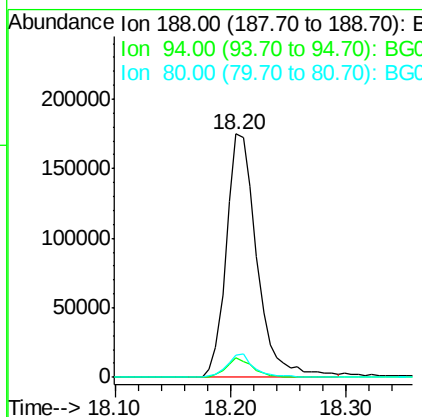
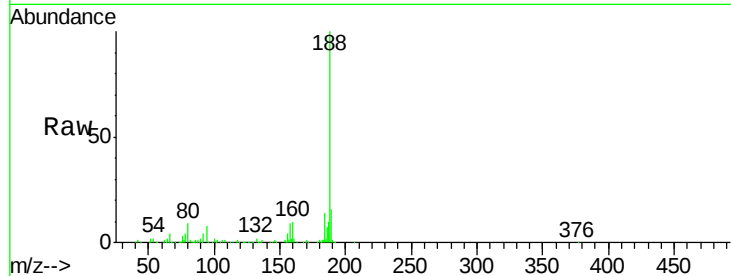
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.20 min Scan# 2539
Delta R.T. -0.01 min
Lab File: BG033589.D
Acq: 5 Apr 2018 10:42

Instrument :
BNA_G
ClientSampleId :
PB107976TB

Tot Ion:	188	Resp:	321641
Ion Ratio	Lower	Upper	
188	100		
94	8.1	6.9	10.3
80	8.9	7.7	11.5

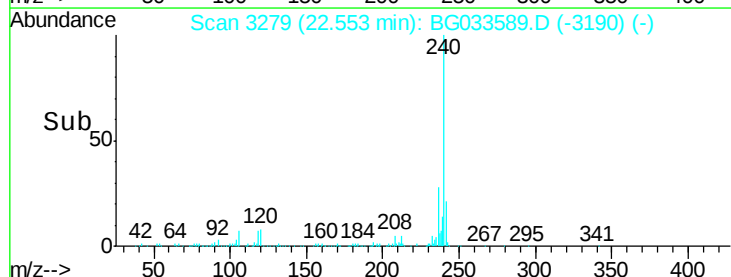
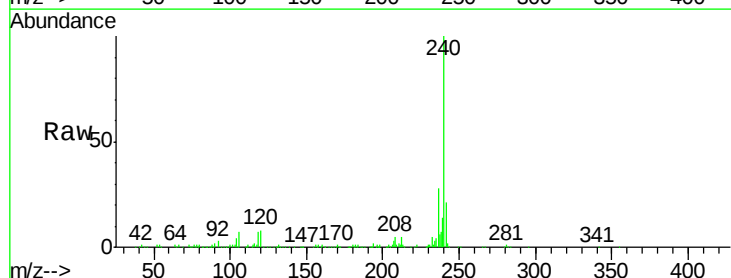
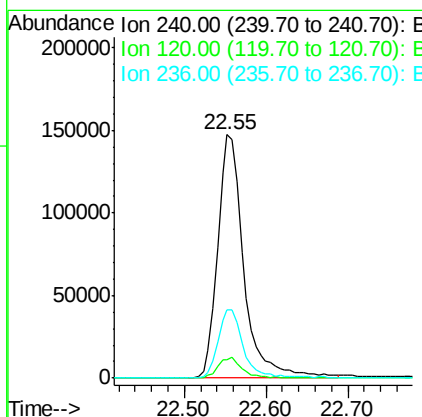
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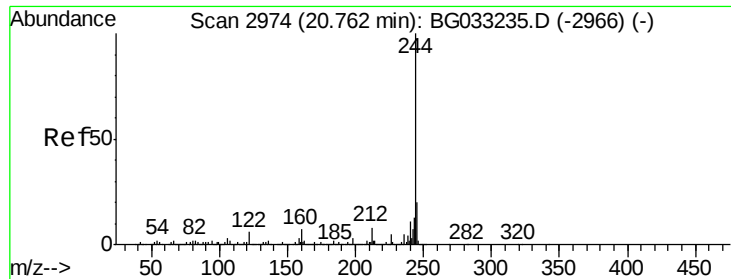
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#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.55 min Scan# 3279
Delta R.T. -0.01 min
Lab File: BG033589.D
Acq: 5 Apr 2018 10:42

Tgt Ion:	240	Resp:	328630
Ion Ratio	Lower	Upper	
240	100		
120	7.6	6.8	10.2
236	28.0	20.9	31.3





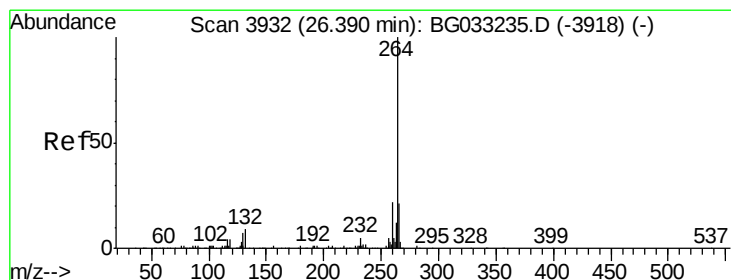
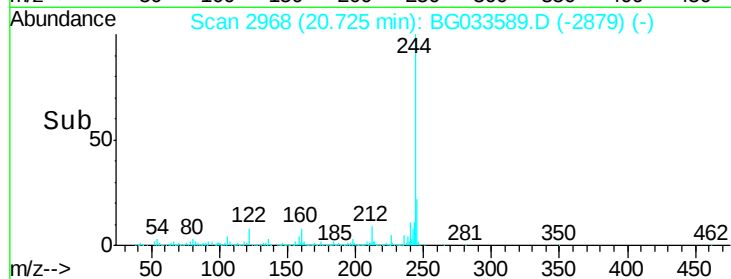
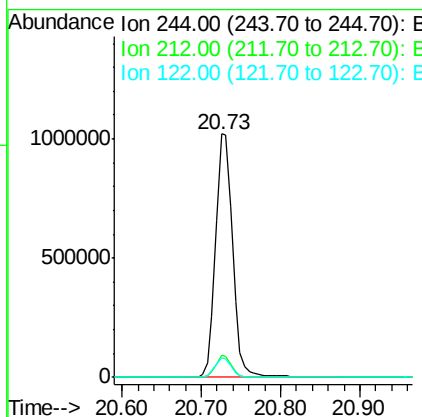
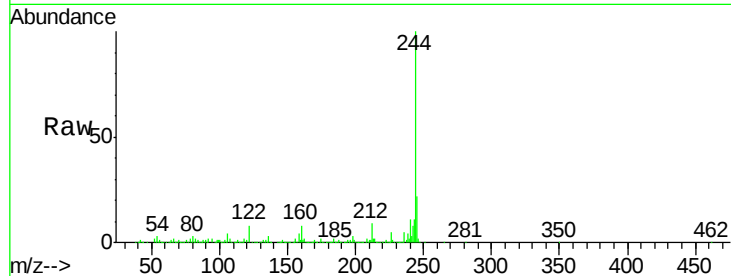
#78
 Terphenyl-d14
 Concen: 99.318 ng
 RT: 20.73 min Scan# 2968
 Delta R.T. -0.01 min
 Lab File: BG033589.D
 Acq: 5 Apr 2018 10:42

Instrument :
 BNA_G
 ClientSampleID :
 PB107976TB

Tot Ion:244 Resp: 1526168
 Ion Ratio Lower Upper
 244 100
 212 9.0 5.8 8.8#
 122 8.1 7.0 10.4

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#86
 Perylene-d12
 Concen: 20.000 ng m
 RT: 26.32 min Scan# 3920
 Delta R.T. -0.00 min
 Lab File: BG033589.D
 Acq: 5 Apr 2018 10:42

Tgt Ion:264 Resp: 322980
 Ion Ratio Lower Upper
 264 100
 260 24.8 17.4 26.0
 265 21.3 17.7 26.5

