

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041618\
 Data File : BG033819.D
 Acq On : 16 Apr 2018 16:50
 Operator : SJ/JU
 Sample : PB108223TB
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB108223TB

Manual Integrations
 APPROVED

Sohil
 4/17/2018 5:20:35 PM

Quant Time: Apr 16 17:28:05 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 16 11:44:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.85	152	25320	20.00	ng	-0.01
21) Naphthalene-d8	11.74	136	128538	20.00	ng	0.00
38) Acenaphthene-d10	15.47	164	94898	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	275894	20.00	ng	0.00
75) Chrysene-d12	22.55	240	322367	20.00	ng	0.00
86) Perylene-d12	26.32	264	348833	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	256807m	190.18	ng	0.00
7) Phenol-d6	7.99	99	386785m	166.71	ng	0.00
23) Nitrobenzene-d5	10.06	82	234070	83.66	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	185459	130.67	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	604542	91.97	ng	0.00
78) Terphenyl-d14	20.72	244	1414473	93.84	ng	0.00

Target Compounds Qvalue

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

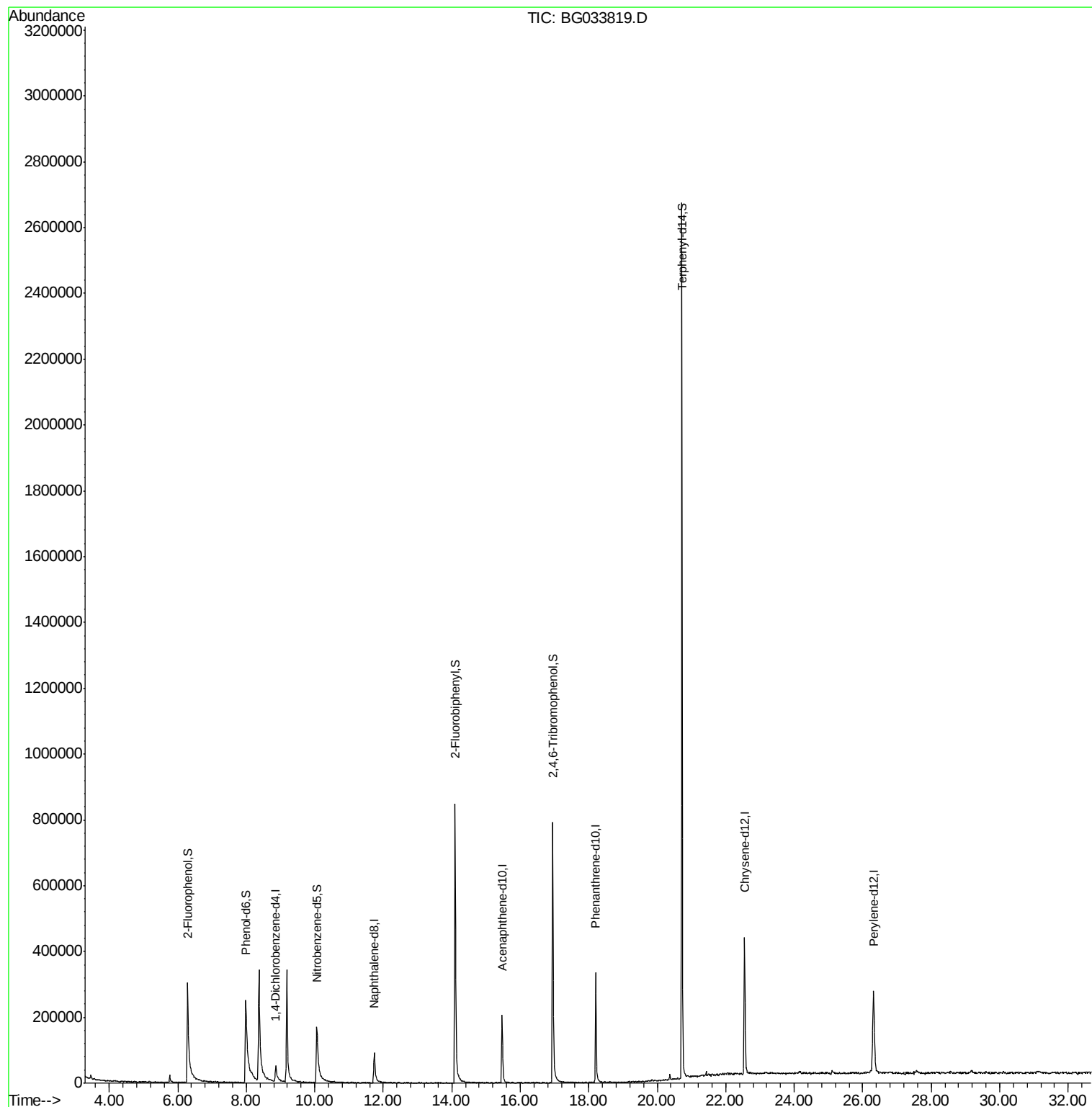
Data Path : Z:\HPCHEM1\BNA G\DATA\BG041618\
Data File : BG033819.D
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ALS Vial : 12 Sample Multiplier: 1

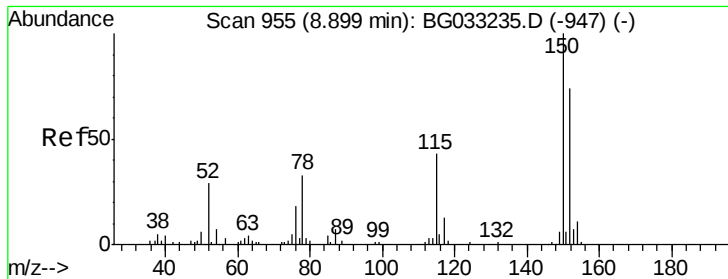
Instrument :
BNA_G
ClientSampleId :
PB108223TB

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#1

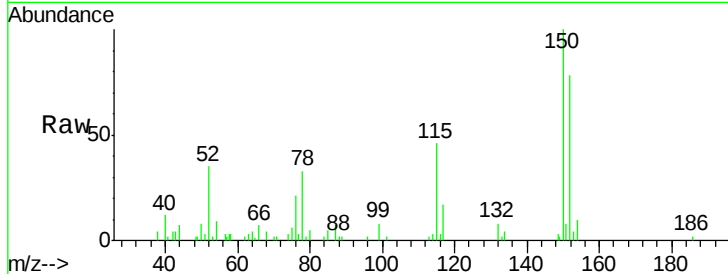
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.85 min Scan# 947
Delta R.T. -0.01 min
Lab File: BG033819.D
Acq: 16 Apr 2018 16:50

Instrument :
BNA_G
ClientSampleId :
PB108223TB

Tot Ion	Ratio	Lower	Upper
152	100		
150	127.6	126.6	189.8
115	59.2	53.0	79.4

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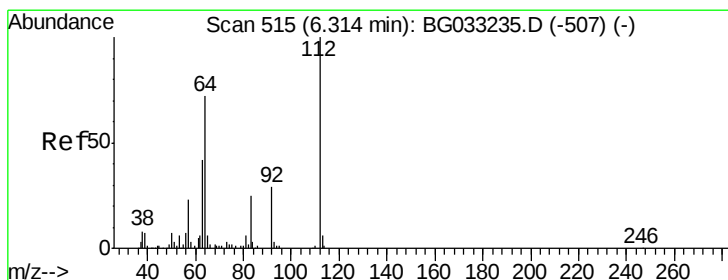
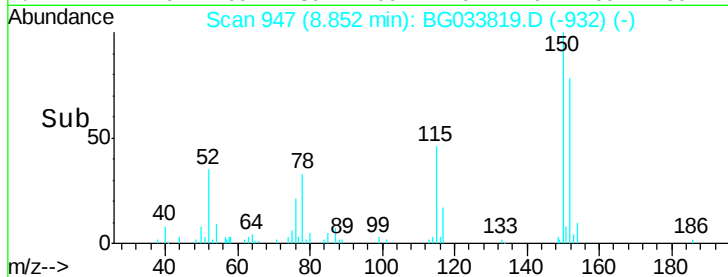
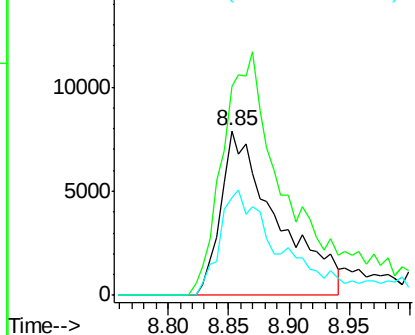


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

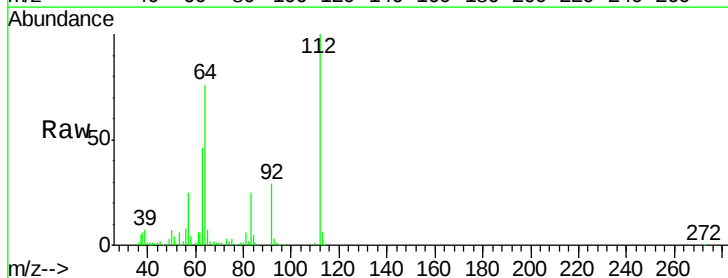
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 190.183 ng m
RT: 6.29 min Scan# 511
Delta R.T. -0.01 min
Lab File: BG033819.D
Acq: 16 Apr 2018 16:50

Tgt Ion	Ratio	Lower	Upper
112	100		
64	76.2	56.3	84.5
63	46.2	30.1	45.1#

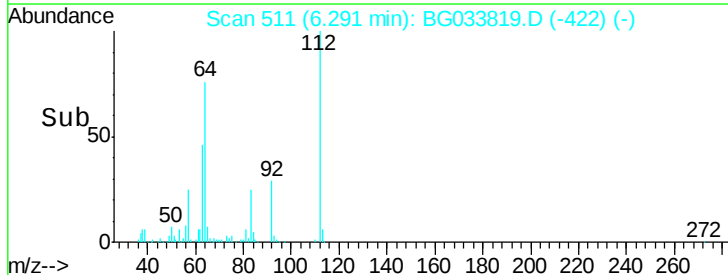
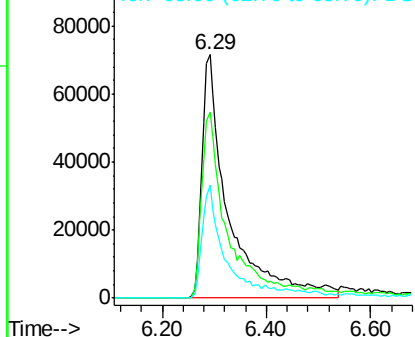


Abundance

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: 166.709 ng/mL

RT: 7.99 min Scan# 800

Delta R.T. 0.00 min

Lab File: BG033819.D

Acq: 16 Apr 2018 16:50

Instrument :

BNA_G

ClientSampleID :

PB108223TB

Tot Ion: 99 Resp: 386785

Ion Ratio Lower Upper

99 100

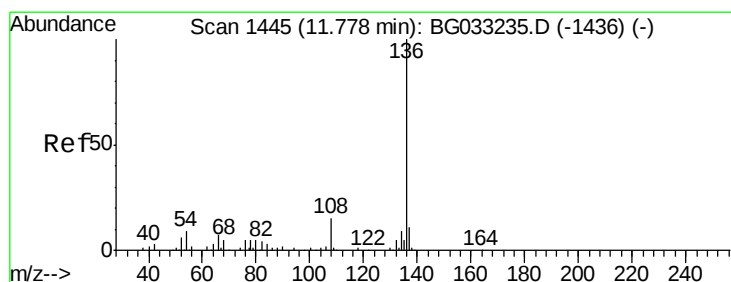
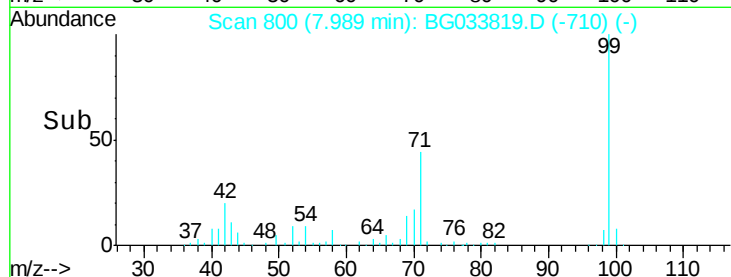
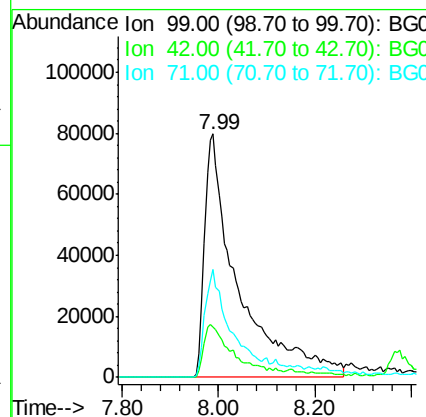
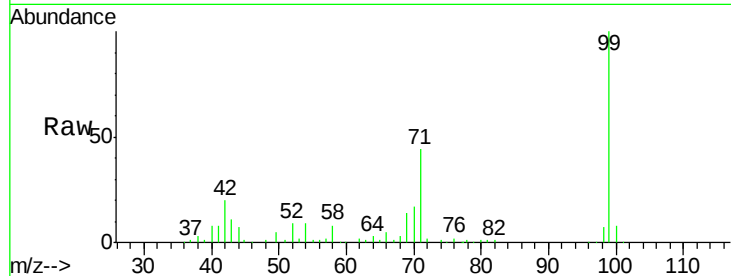
42 20.5 14.1 21.1

71 44.3 26.1 39.1#

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.74 min Scan# 1438

Delta R.T. 0.00 min

Lab File: BG033819.D

Acq: 16 Apr 2018 16:50

Tgt Ion: 136 Resp: 128538

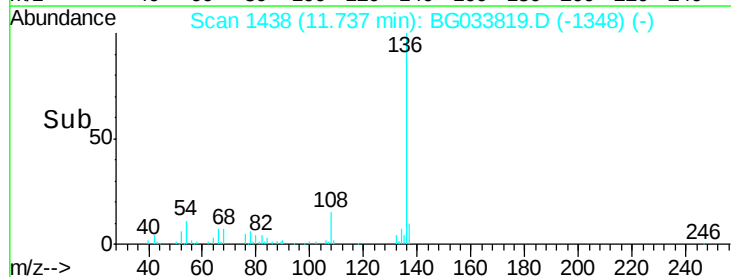
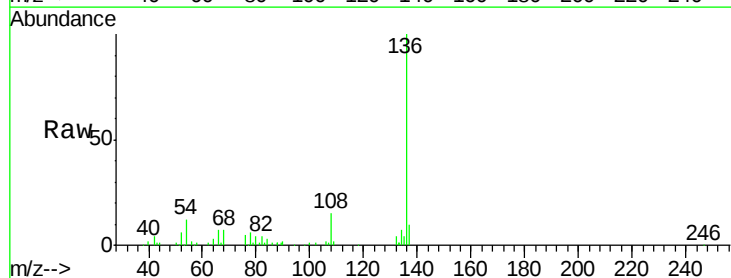
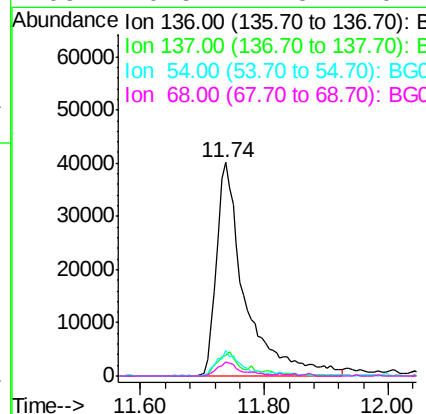
Ion Ratio Lower Upper

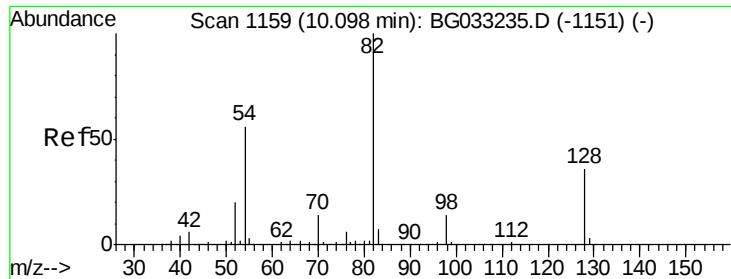
136 100

137 9.6 9.2 13.8

54 11.8 10.3 15.5

68 6.5 4.5 6.7





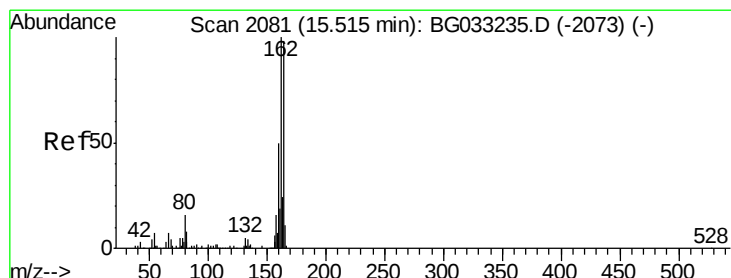
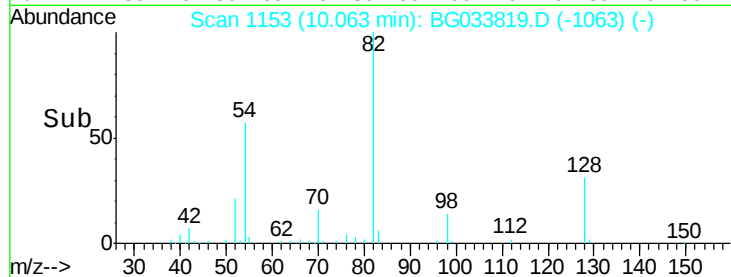
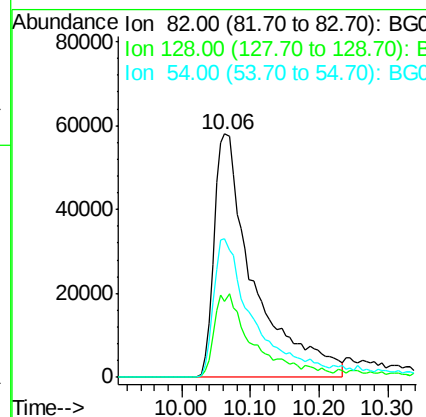
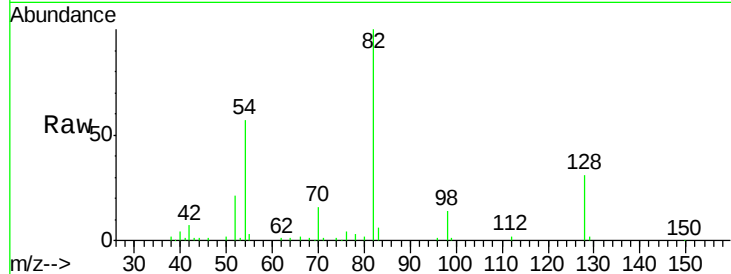
#23
 Nitrobenzene-d5
 Concen: 83.665 ng
 RT: 10.06 min Scan# 1153
 Delta R.T. 0.00 min
 Lab File: BG033819.D
 Acq: 16 Apr 2018 16:50

Instrument :
 BNA_G
 ClientSampleId :
 PB108223TB

Tot Ion	Ratio	Lower	Upper
82	100		
128	31.3	29.7	44.5
54	56.8	43.1	64.7

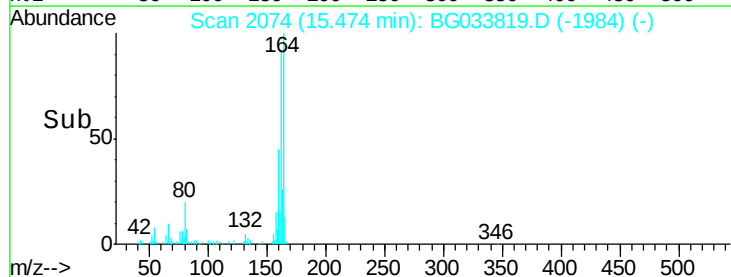
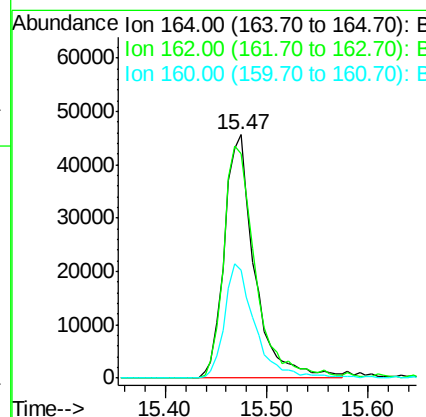
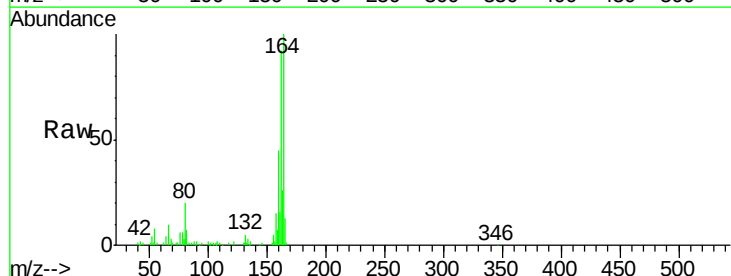
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2074
 Delta R.T. 0.00 min
 Lab File: BG033819.D
 Acq: 16 Apr 2018 16:50

Tgt Ion	Ratio	Lower	Upper
164	100		
162	92.2	78.8	118.2
160	44.6	35.4	53.0





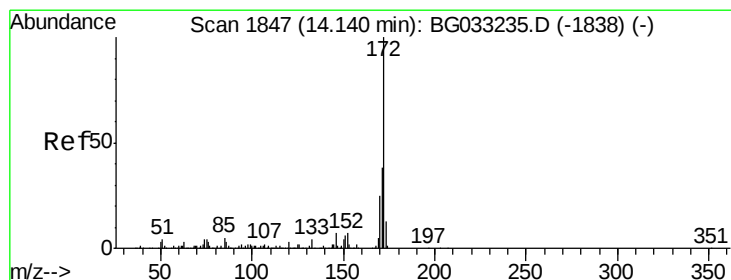
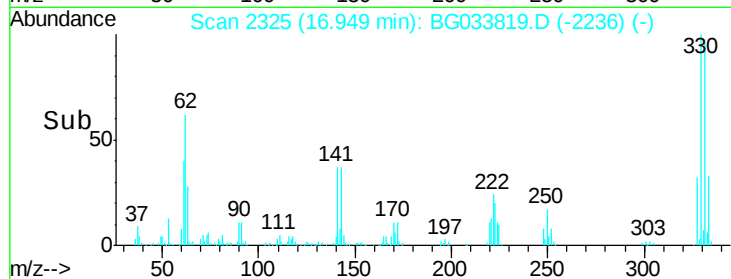
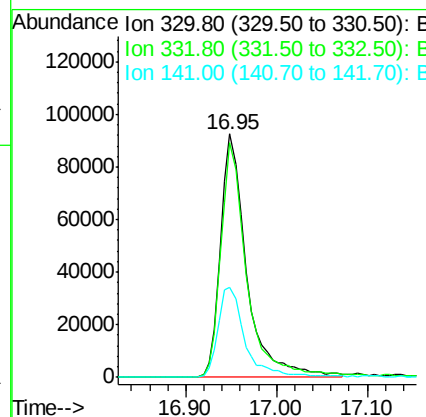
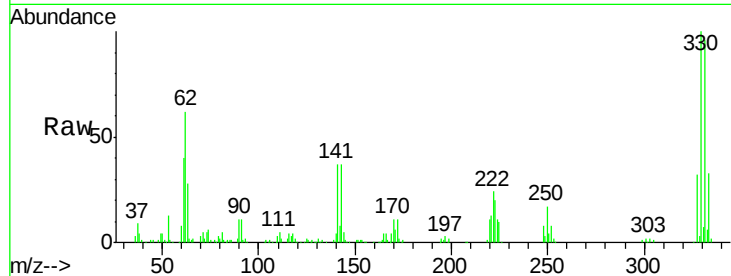
#41
 2,4,6-Tribromophenol
 Concen: 130.668 ng
 RT: 16.95 min Scan# 2325
 Delta R.T. -0.01 min
 Lab File: BG033819.D
 Acq: 16 Apr 2018 16:50

Instrument :
 BNA_G
 ClientSampleId :
 PB108223TB

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.4	77.0	115.6	
141	38.3	25.2	37.8	

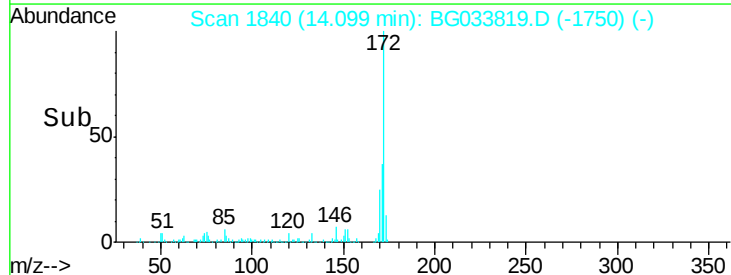
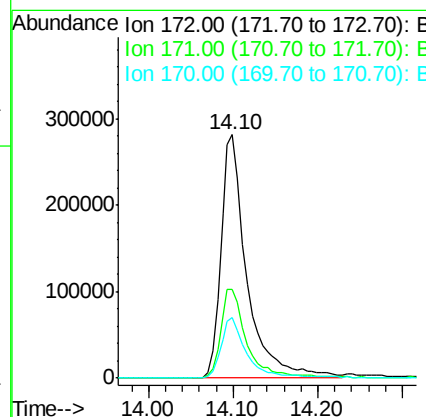
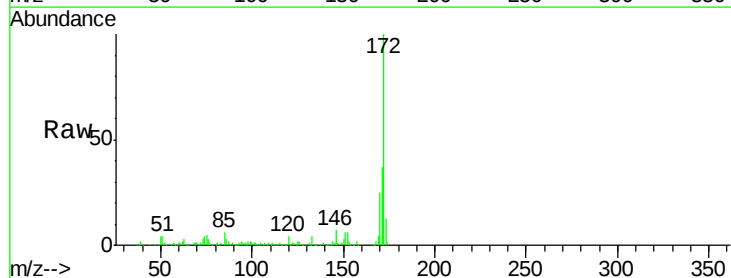
Manual Integrations
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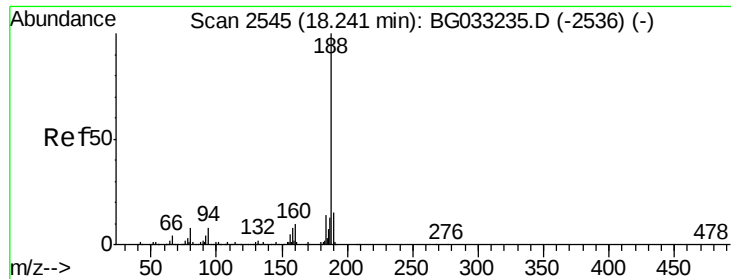
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#44
 2-Fluorobiphenyl
 Concen: 91.966 ng
 RT: 14.10 min Scan# 1840
 Delta R.T. 0.00 min
 Lab File: BG033819.D
 Acq: 16 Apr 2018 16:50

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	36.5	30.0	45.0	
170	24.9	19.5	29.3	





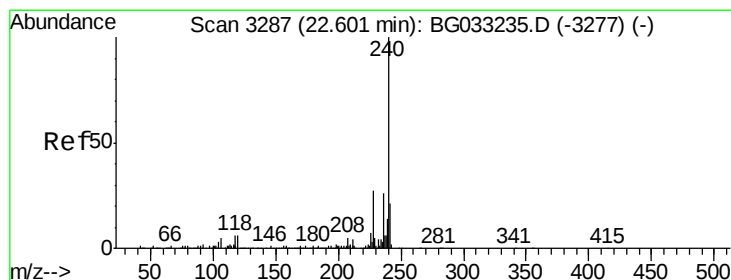
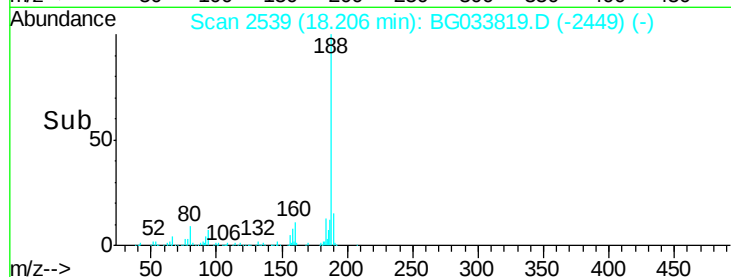
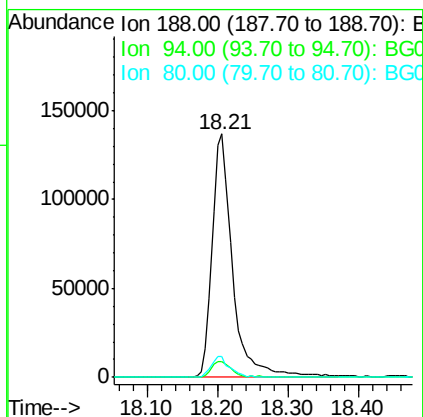
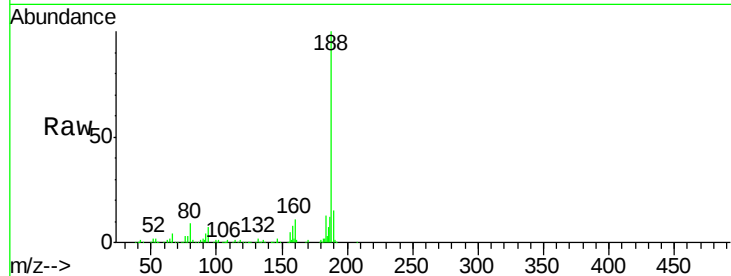
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.21 min Scan# 2539
Delta R.T. 0.00 min
Lab File: BG033819.D
Acq: 16 Apr 2018 16:50

Instrument :
BNA_G
ClientSampleId :
PB108223TB

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	6.7	6.9	10.3#
80	8.7	7.7	11.5

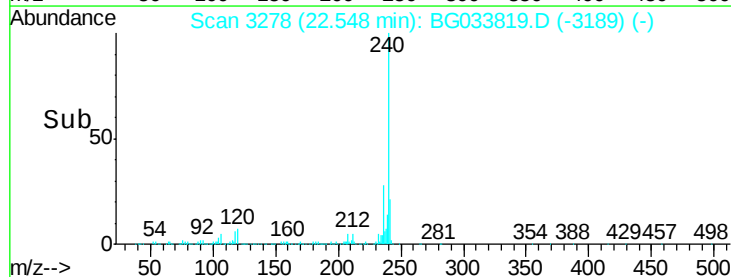
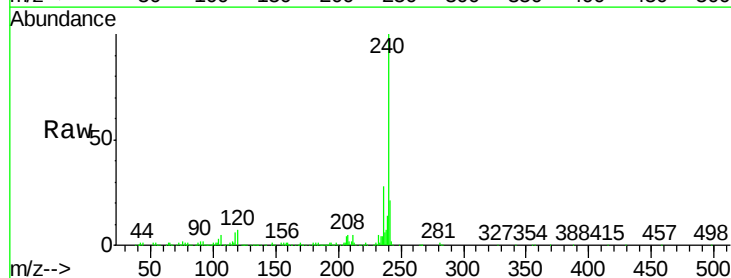
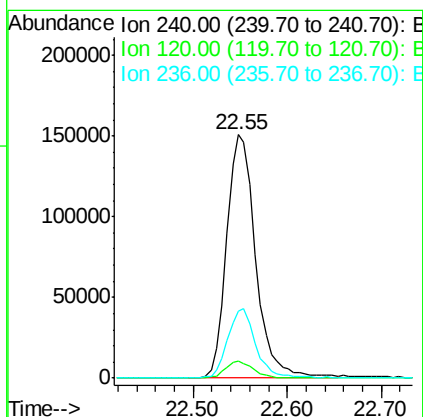
Manual Integrations
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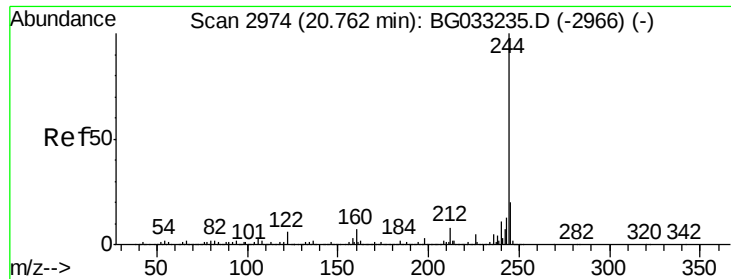
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#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.55 min Scan# 3278
Delta R.T. -0.01 min
Lab File: BG033819.D
Acq: 16 Apr 2018 16:50

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	7.1	6.8	10.2
236	27.7	20.9	31.3





#78

Terphenyl-d14

Concen: 93.837 ng

RT: 20.72 min Scan# 2967

Delta R.T. -0.01 min

Lab File: BG033819.D

Acq: 16 Apr 2018 16:50

Instrument :

BNA_G

ClientSampleId :

PB108223TB

Tot Ion:244 Resp: 1414473

Ion Ratio Lower Upper

244 100

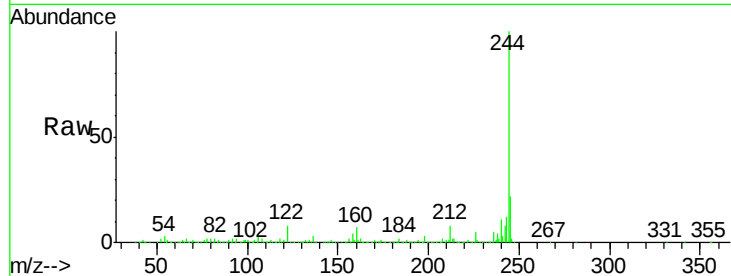
212 8.5 5.8 8.8

122 8.0 7.0 10.4

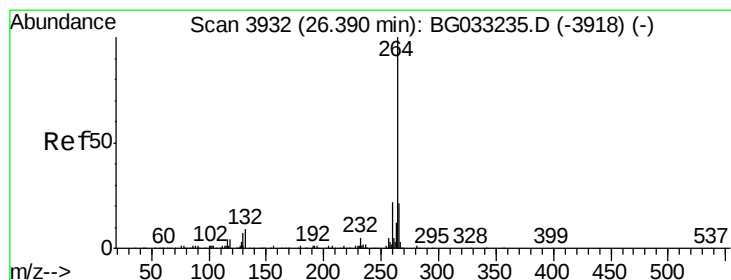
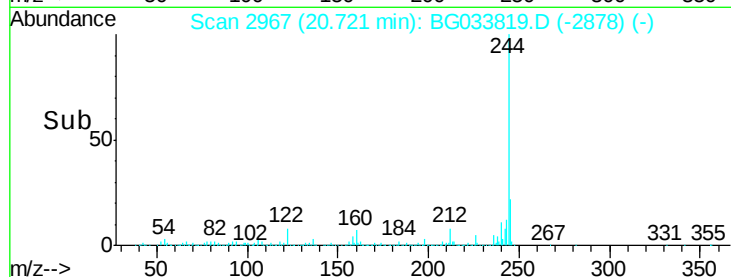
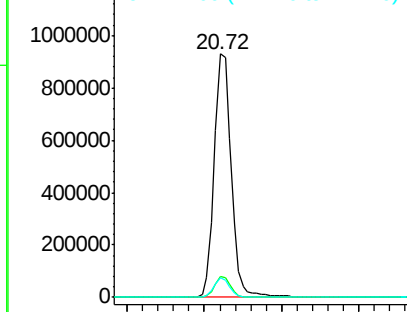
Manual Integrations
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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 26.32 min Scan# 3920

Delta R.T. -0.01 min

Lab File: BG033819.D

Acq: 16 Apr 2018 16:50

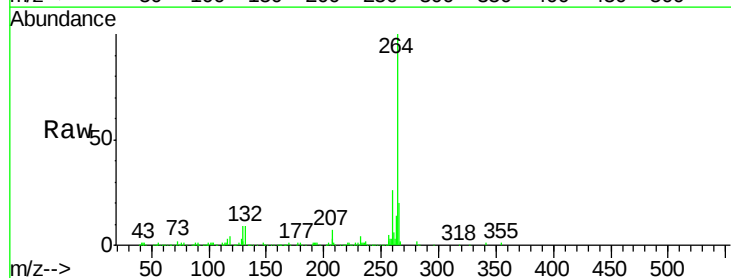
Tgt Ion:264 Resp: 348833

Ion Ratio Lower Upper

264 100

260 25.8 17.4 26.0

265 20.1 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

