

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041618\
 Data File : BG033816.D
 Acq On : 16 Apr 2018 14:57
 Operator : SJ/JU
 Sample : J2364-12
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP-C

Manual Integrations
 APPROVED

Sohil
 4/17/2018 5:20:28 PM

Quant Time: Apr 16 16:11:35 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	8.86	152	27543	20.00	ng	0.00
21) Naphthalene-d8	11.73	136	119862	20.00	ng	0.00
38) Acenaphthene-d10	15.47	164	95269	20.00	ng	0.00
63) Phenanthrene-d10	18.20	188	276348	20.00	ng	0.00
75) Chrysene-d12	22.55	240	305615	20.00	ng	0.00
86) Perylene-d12	26.32	264	330746	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	274699	187.01	ng	0.00
7) Phenol-d6	7.99	99	392160m	155.38	ng	0.00
23) Nitrobenzene-d5	10.06	82	299971	114.98	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	249157	174.86	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	782091	118.51	ng	0.00
78) Terphenyl-d14	20.72	244	1676292	117.30	ng	0.00

Target Compounds Qvalue

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

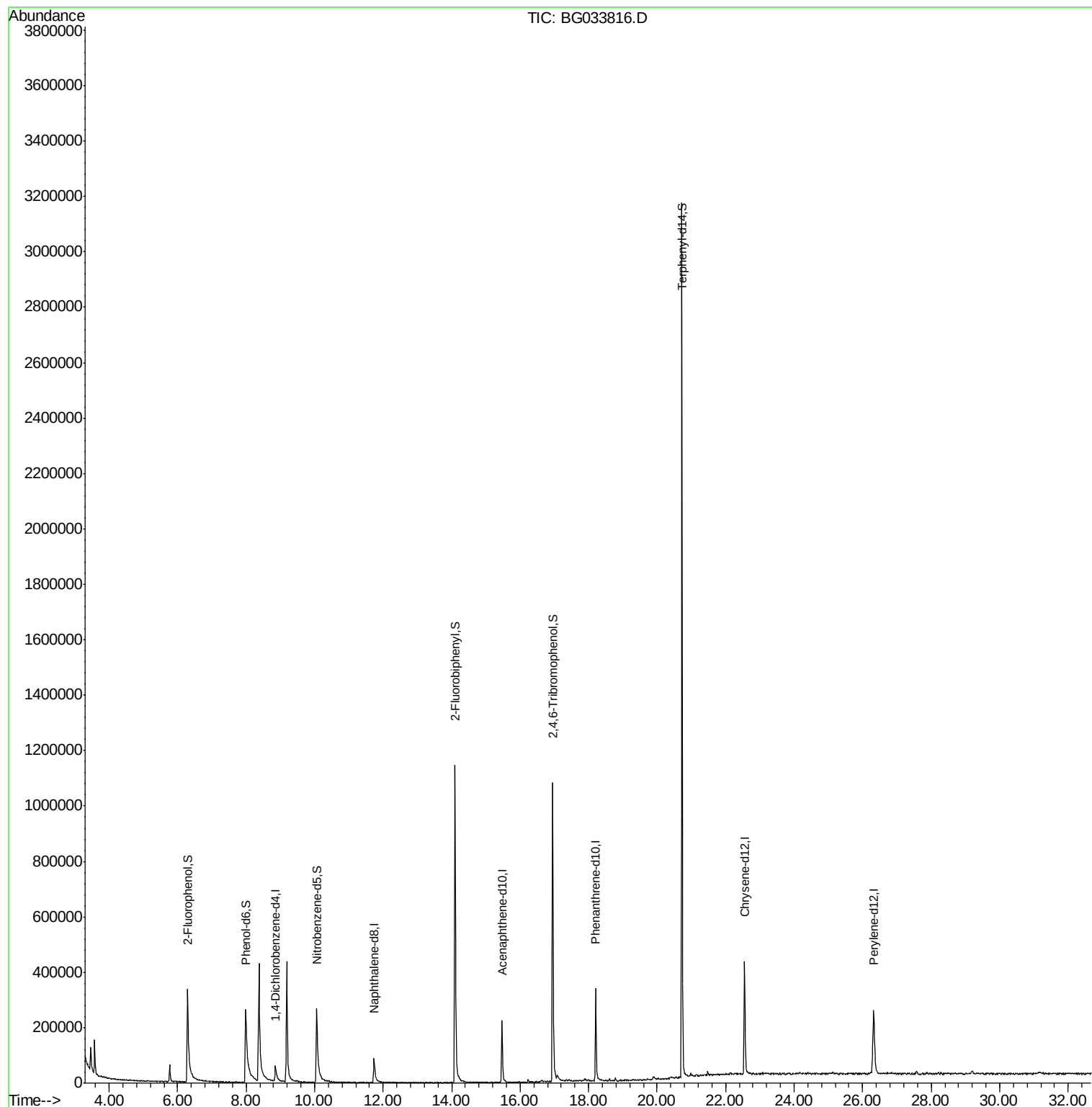
Data Path : Z:\HPCHEM1\BNA G\DATA\BG041618\
Data File : BG033816.D
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Misc :
ALS Vial : 9 Sample Multiplier: 1

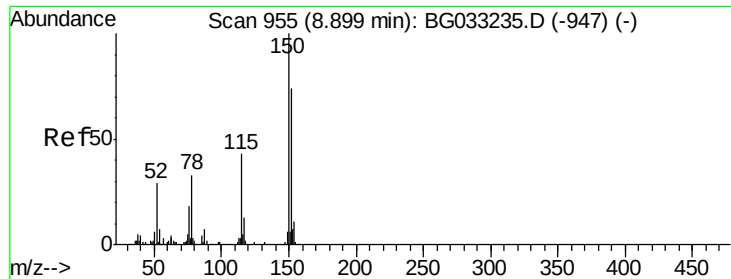
Instrument :
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#1

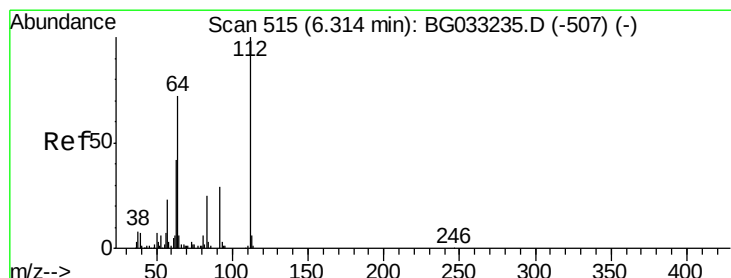
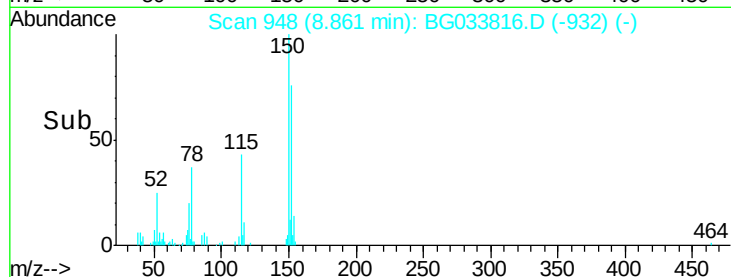
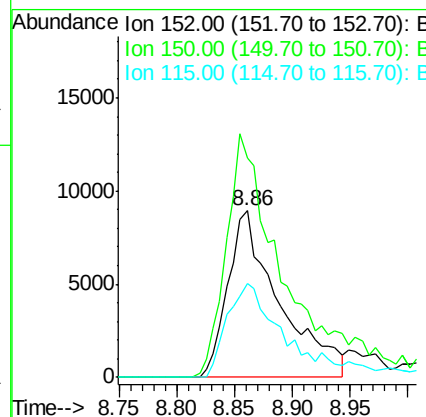
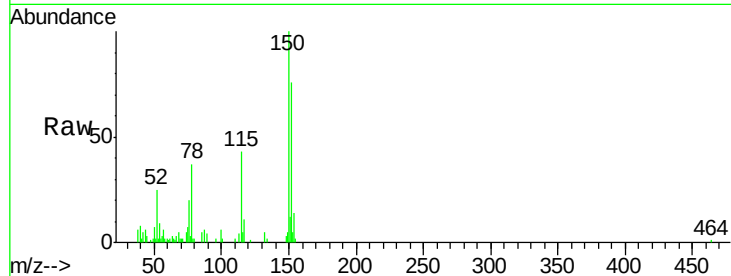
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 948
Delta R.T. -0.00 min
Lab File: BG033816.D
Acq: 16 Apr 2018 14:57

Instrument :
BNA_G
ClientSampleId :
SP-C

Tot Ion	Ratio	Lower	Upper
152	100		
150	132.0	126.6	189.8
115	56.2	53.0	79.4

Manual Integrations
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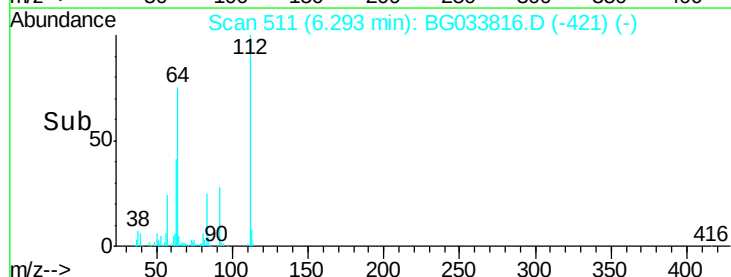
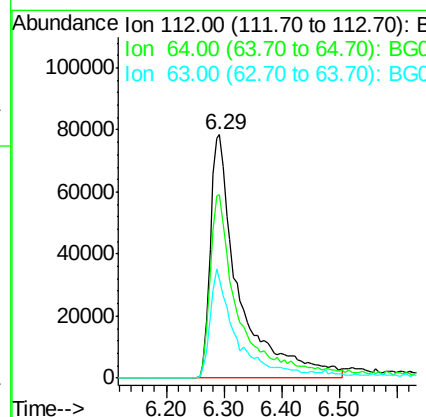
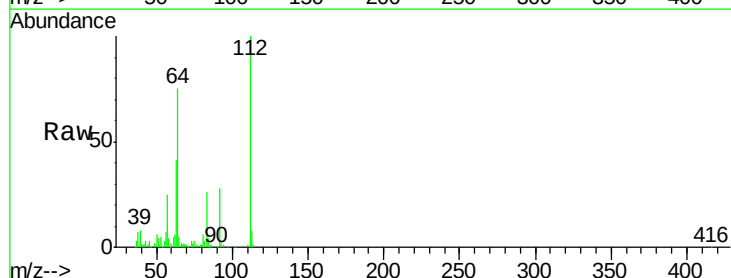
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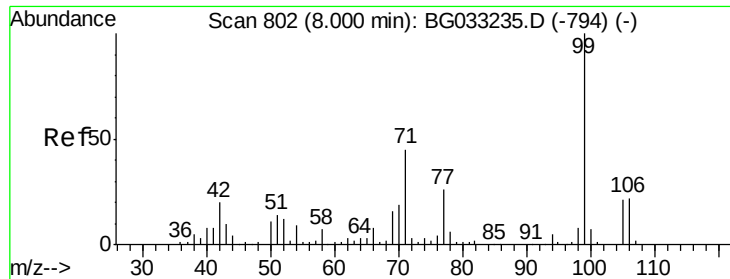


#5

2-Fluorophenol
Concen: 187.014 ng
RT: 6.29 min Scan# 511
Delta R.T. -0.00 min
Lab File: BG033816.D
Acq: 16 Apr 2018 14:57

Tgt Ion	Ratio	Lower	Upper
112	100		
64	75.2	56.3	84.5
63	40.7	30.1	45.1





#7

Phenol-d6

Concen: 155.384 ng/mL

RT: 7.99 min Scan# 799

Delta R.T. -0.00 min

Lab File: BG033816.D

Acq: 16 Apr 2018 14:57

Instrument :

BNA_G

ClientSampled :

SP-C

Tot Ion: 99 Resp: 392160

Ion Ratio Lower Upper

99 100

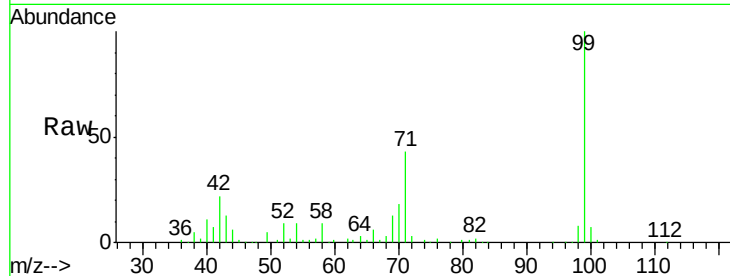
42 22.3 14.1 21.1#

71 43.5 26.1 39.1#

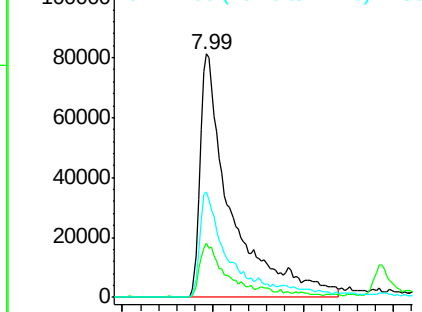
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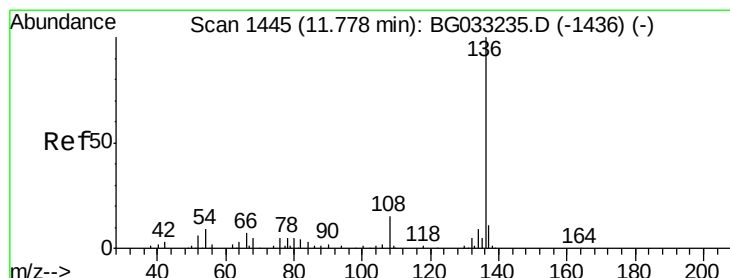
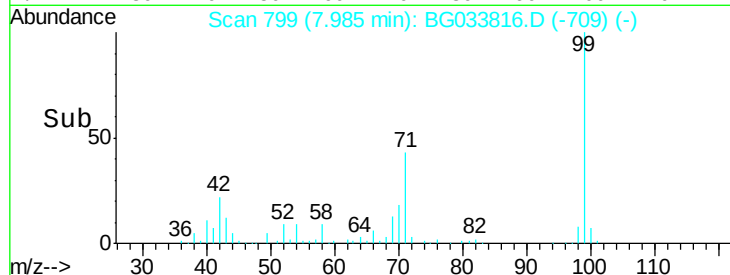
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Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



Time--> 7.80 8.00 8.20



#21

Naphthalene-d8

Concen: 20.000 ng/mL

RT: 11.73 min Scan# 1437

Delta R.T. -0.00 min

Lab File: BG033816.D

Acq: 16 Apr 2018 14:57

Tgt Ion: 136 Resp: 119862

Ion Ratio Lower Upper

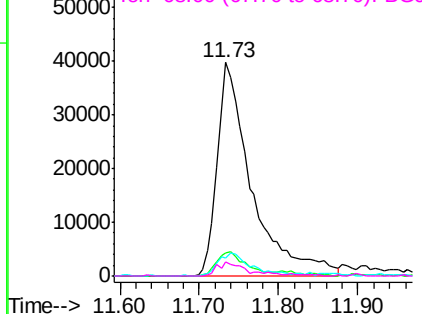
136 100

137 11.0 9.2 13.8

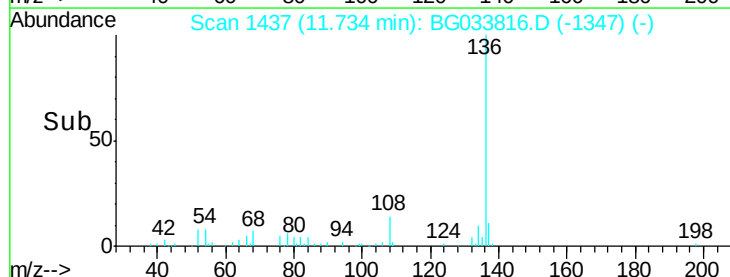
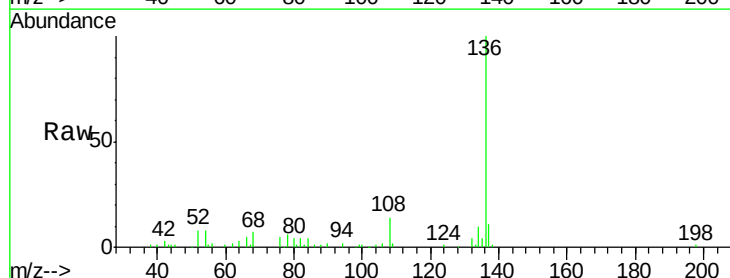
54 8.1 10.3 15.5#

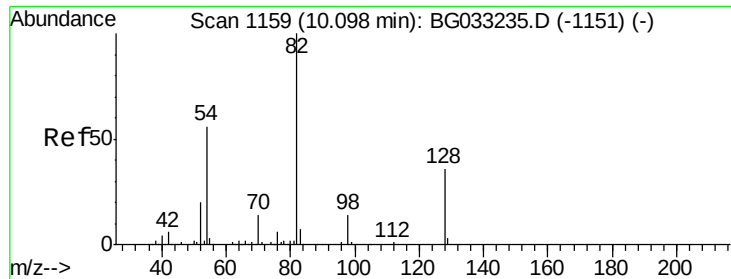
68 6.8 4.5 6.7#

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



Time--> 11.60 11.70 11.80 11.90





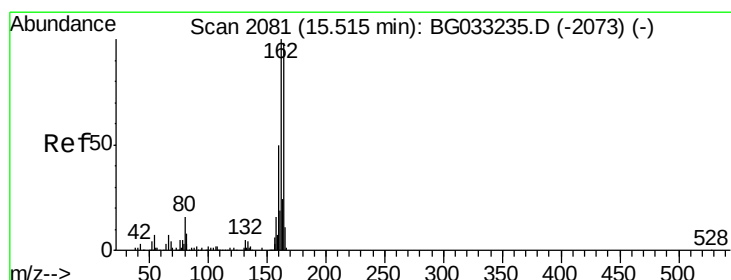
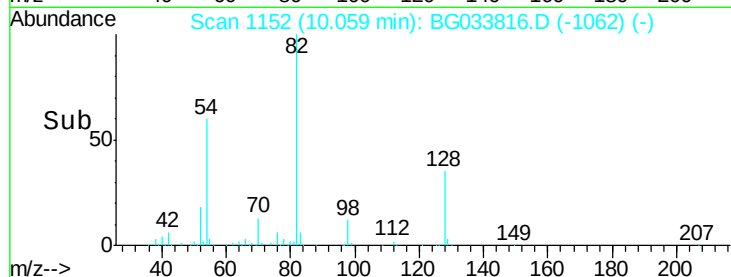
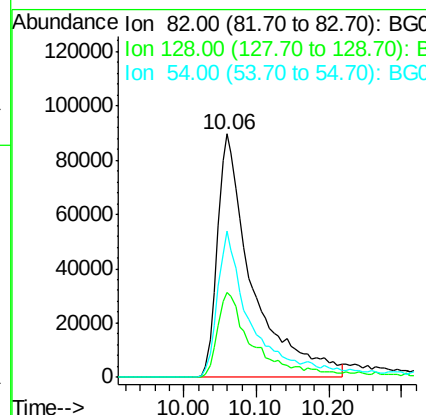
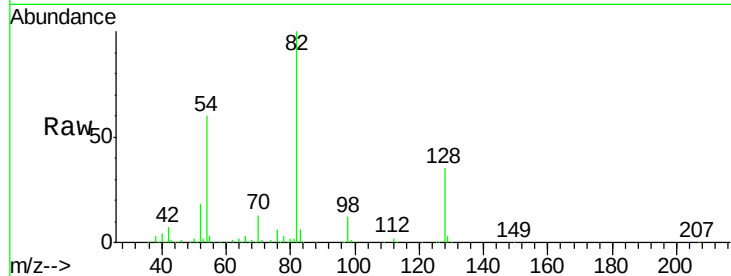
#23
 Nitrobenzene-d5
 Concen: 114.981 ng
 RT: 10.06 min Scan# 1152
 Delta R.T. -0.00 min
 Lab File: BG033816.D
 Acq: 16 Apr 2018 14:57

Instrument :
 BNA_G
 ClientSampled :
 SP-C

Tot Ion	Ratio	Lower	Upper
82	100		
128	34.8	29.7	44.5
54	60.0	43.1	64.7

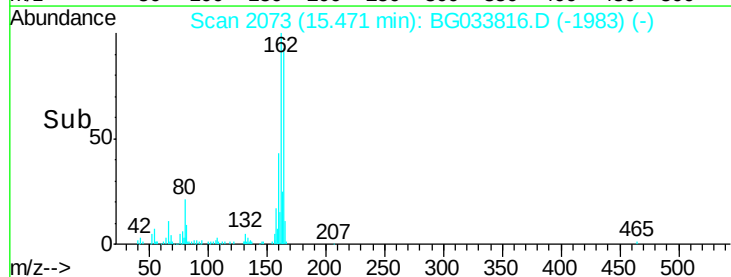
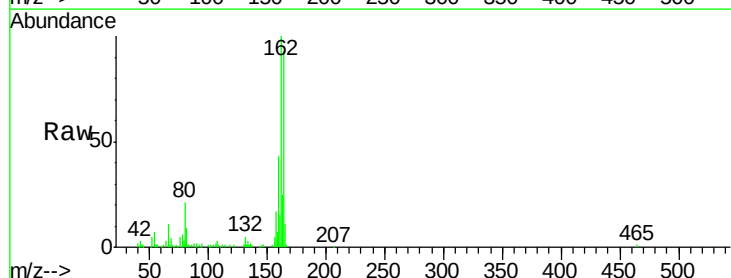
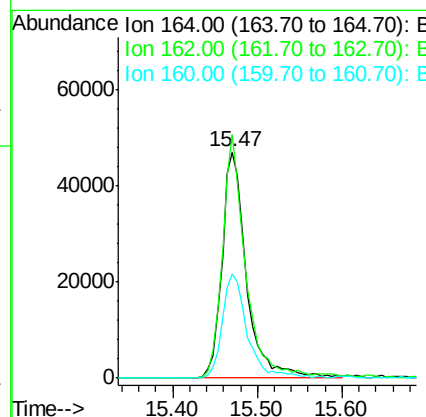
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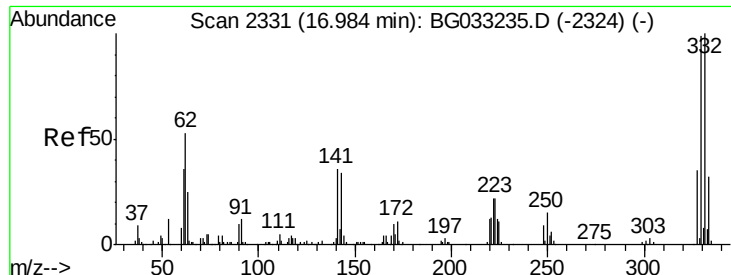
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2073
 Delta R.T. -0.00 min
 Lab File: BG033816.D
 Acq: 16 Apr 2018 14:57

Tgt Ion	Ratio	Lower	Upper
164	100		
162	107.8	78.8	118.2
160	46.3	35.4	53.0





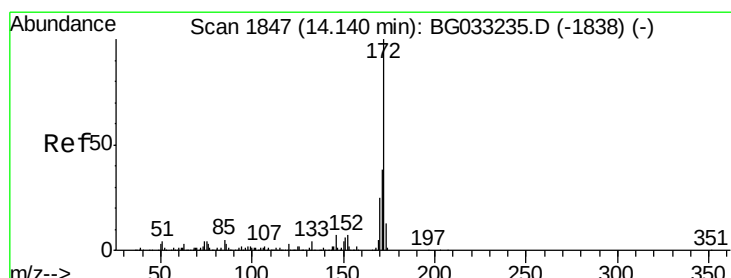
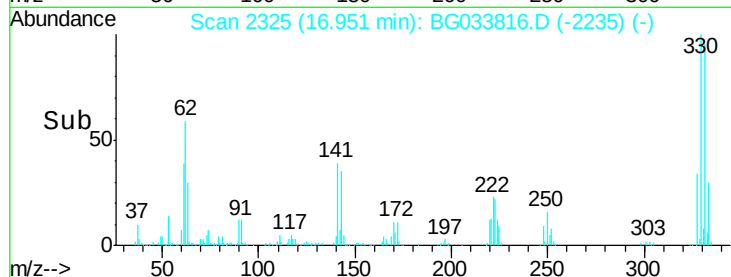
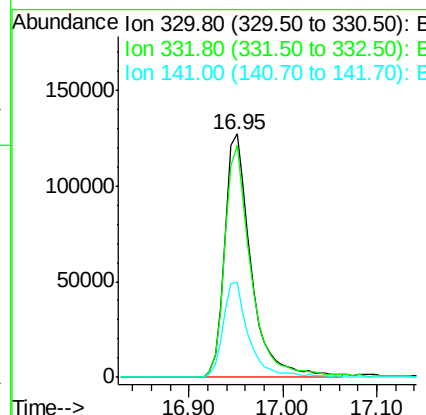
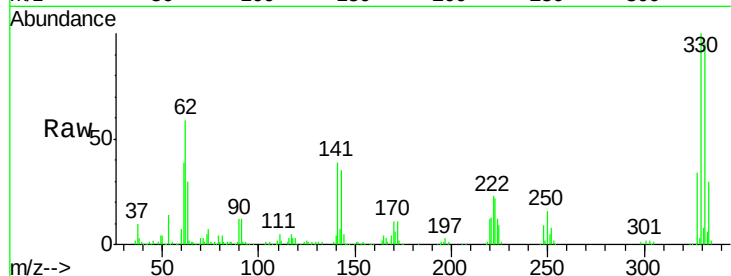
#41
 2,4,6-Tribromophenol
 Concen: 174.864 ng
 RT: 16.95 min Scan# 2325
 Delta R.T. -0.00 min
 Lab File: BG033816.D
 Acq: 16 Apr 2018 14:57

Instrument :
 BNA_G
 ClientSampled :
 SP-C

Tot Ion	Ratio	Resp	Lower	Upper
330	100	249157		
332	94.7	77.0	115.6	
141	37.6	25.2	37.8	

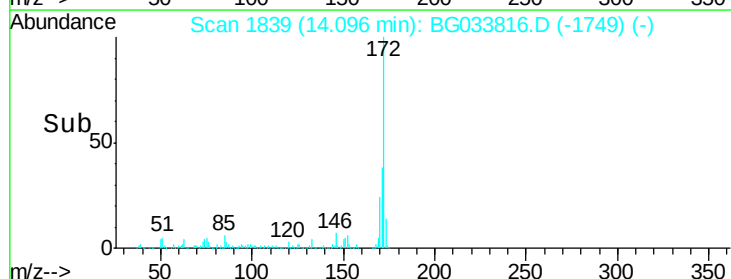
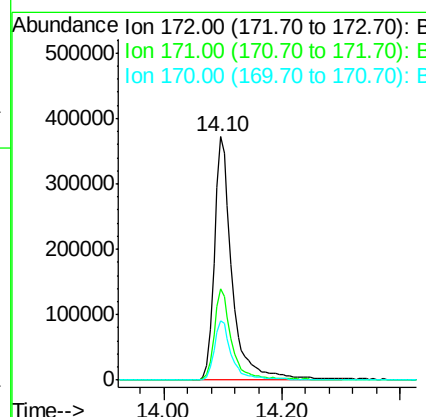
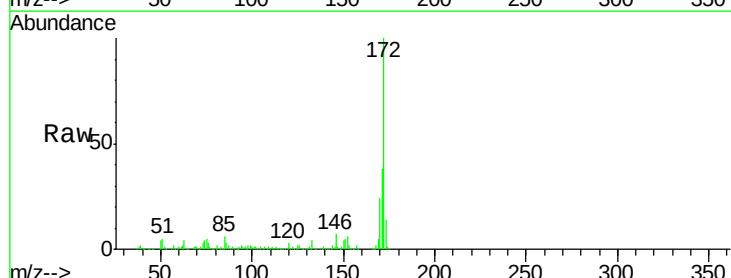
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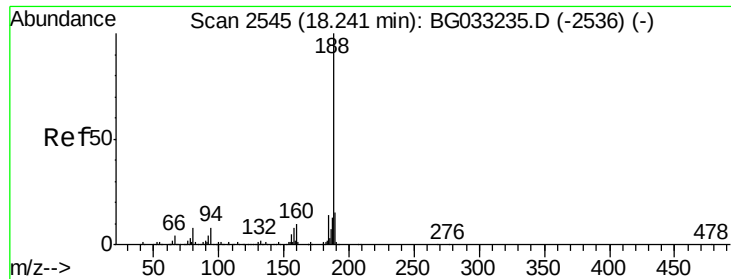
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#44
 2-Fluorobiphenyl
 Concen: 118.512 ng
 RT: 14.10 min Scan# 1839
 Delta R.T. -0.00 min
 Lab File: BG033816.D
 Acq: 16 Apr 2018 14:57

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	782091		
171	37.6	30.0	45.0	
170	24.1	19.5	29.3	





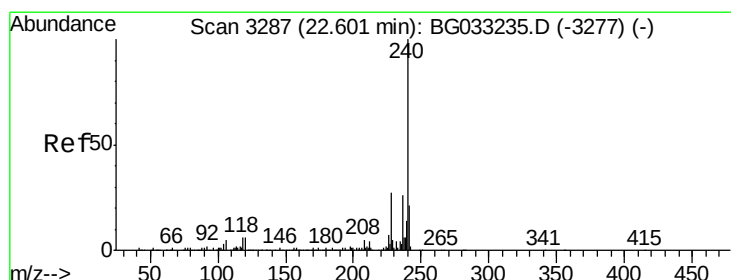
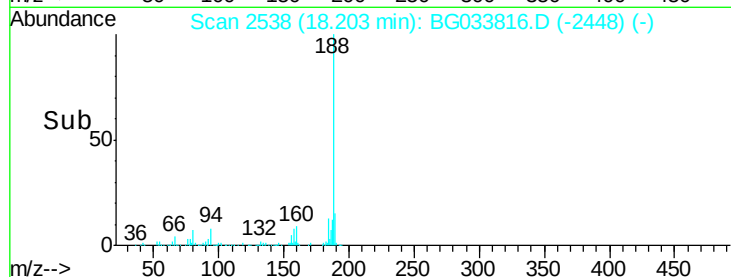
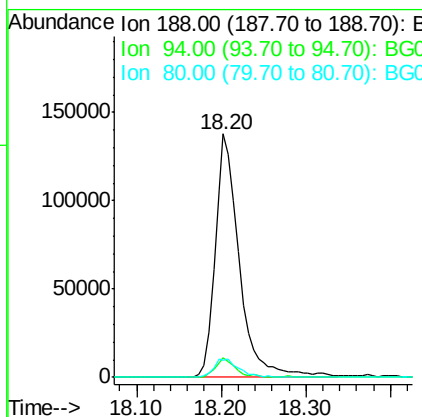
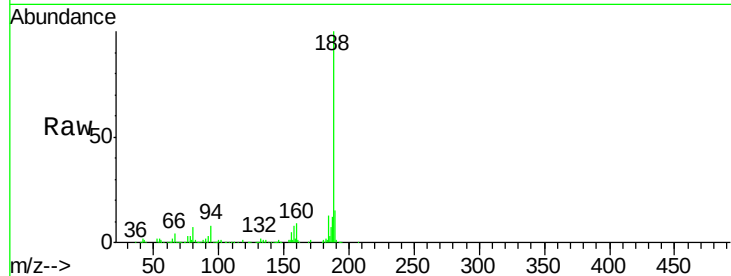
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.20 min Scan# 2538
 Delta R.T. -0.00 min
 Lab File: BG033816.D
 Acq: 16 Apr 2018 14:57

Instrument :
 BNA_G
 ClientSampleId :
 SP-C

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	7.8	6.9	10.3
80	7.2	7.7	11.5#

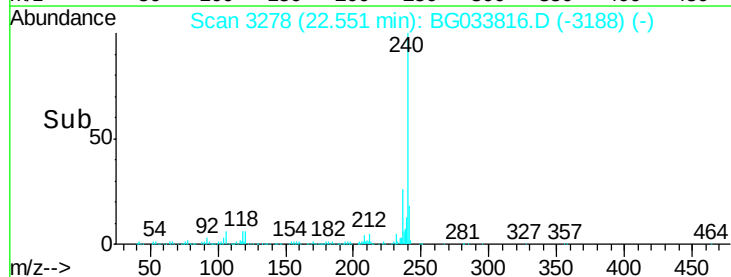
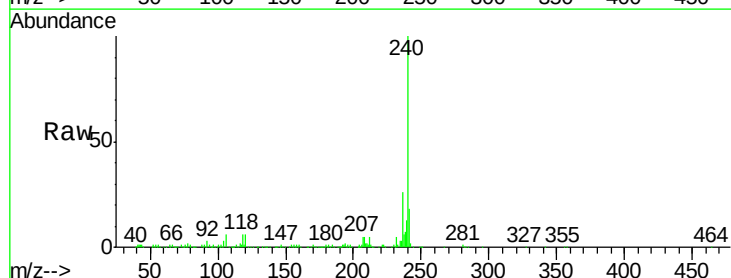
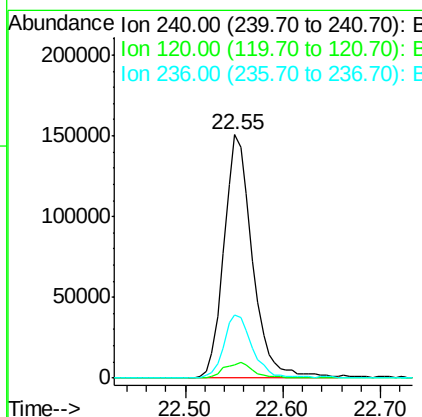
Manual Integrations
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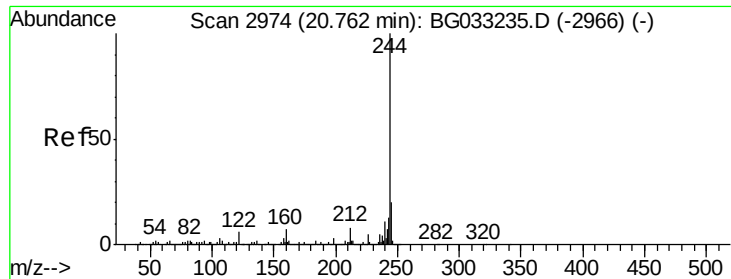
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#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 22.55 min Scan# 3278
 Delta R.T. -0.00 min
 Lab File: BG033816.D
 Acq: 16 Apr 2018 14:57

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	5.7	6.8	10.2#
236	26.1	20.9	31.3





#78

Terphenyl-d14

Concen: 117.302 ng

RT: 20.72 min Scan# 2967

Delta R.T. -0.00 min

Lab File: BG033816.D

Acq: 16 Apr 2018 14:57

Instrument :

BNA_G

ClientSampleId :

SP-C

Tot Ion:244 Resp: 1676292

Ion Ratio Lower Upper

244 100

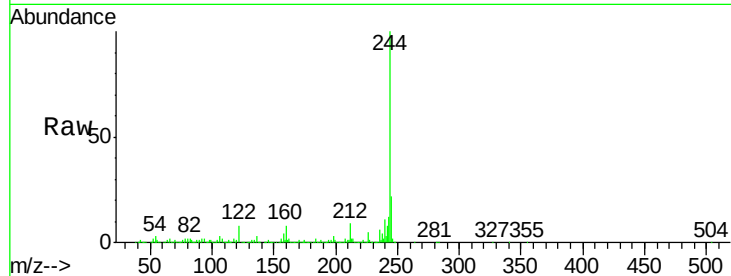
212 8.8 5.8 8.8#

122 7.7 7.0 10.4

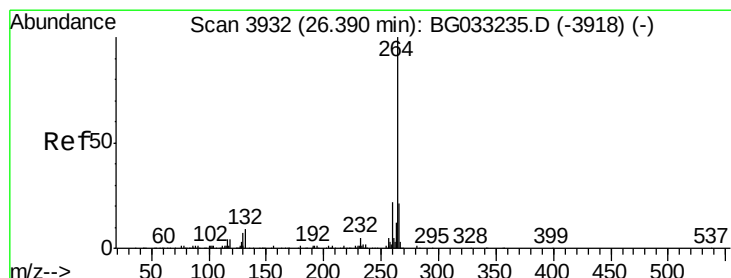
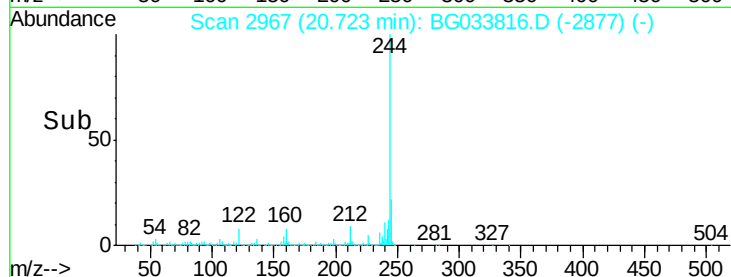
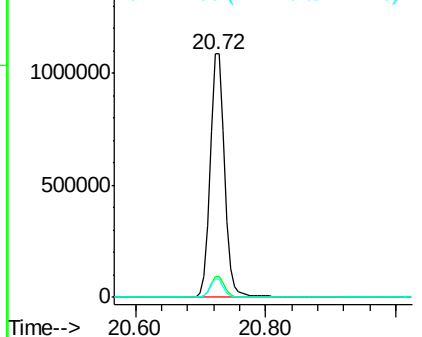
Manual Integrations
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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 26.32 min Scan# 3920

Delta R.T. -0.00 min

Lab File: BG033816.D

Acq: 16 Apr 2018 14:57

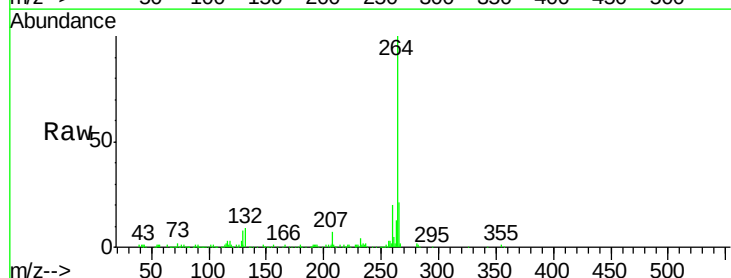
Tgt Ion:264 Resp: 330746

Ion Ratio Lower Upper

264 100

260 20.1 17.4 26.0

265 20.9 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

