

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042718\
 Data File : BG034048.D
 Acq On : 27 Apr 2018 20:47
 Operator : SJ/JU
 Sample : J2455-45
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-2

Manual Integrations
 APPROVED

Sohil
 4/30/2018 7:02:50 PM

Quant Time: Apr 28 01:51:58 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 19 13:56:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	45343m	20.00	ng	-0.08
21) Naphthalene-d8	10.54	136	192847	20.00	ng	-0.09
38) Acenaphthene-d10	14.39	164	150643	20.00	ng	-0.09
63) Phenanthrene-d10	17.14	188	435929	20.00	ng	-0.08
75) Chrysene-d12	21.39	240	489338	20.00	ng	-0.10
86) Perylene-d12	24.39	264	478950	20.00	ng	-0.17
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	354871	124.95	ng	-0.08
7) Phenol-d6	6.94	99	396607	95.74	ng	-0.06
23) Nitrobenzene-d5	8.91	82	291604	86.05	ng	-0.08
41) 2,4,6-Tribromophenol	15.89	330	320494	182.36	ng	-0.08
44) 2-Fluorobiphenyl	13.01	172	1053731	102.76	ng	-0.09
78) Terphenyl-d14	19.78	244	2355086	108.13	ng	-0.08

Target Compounds Qvalue

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

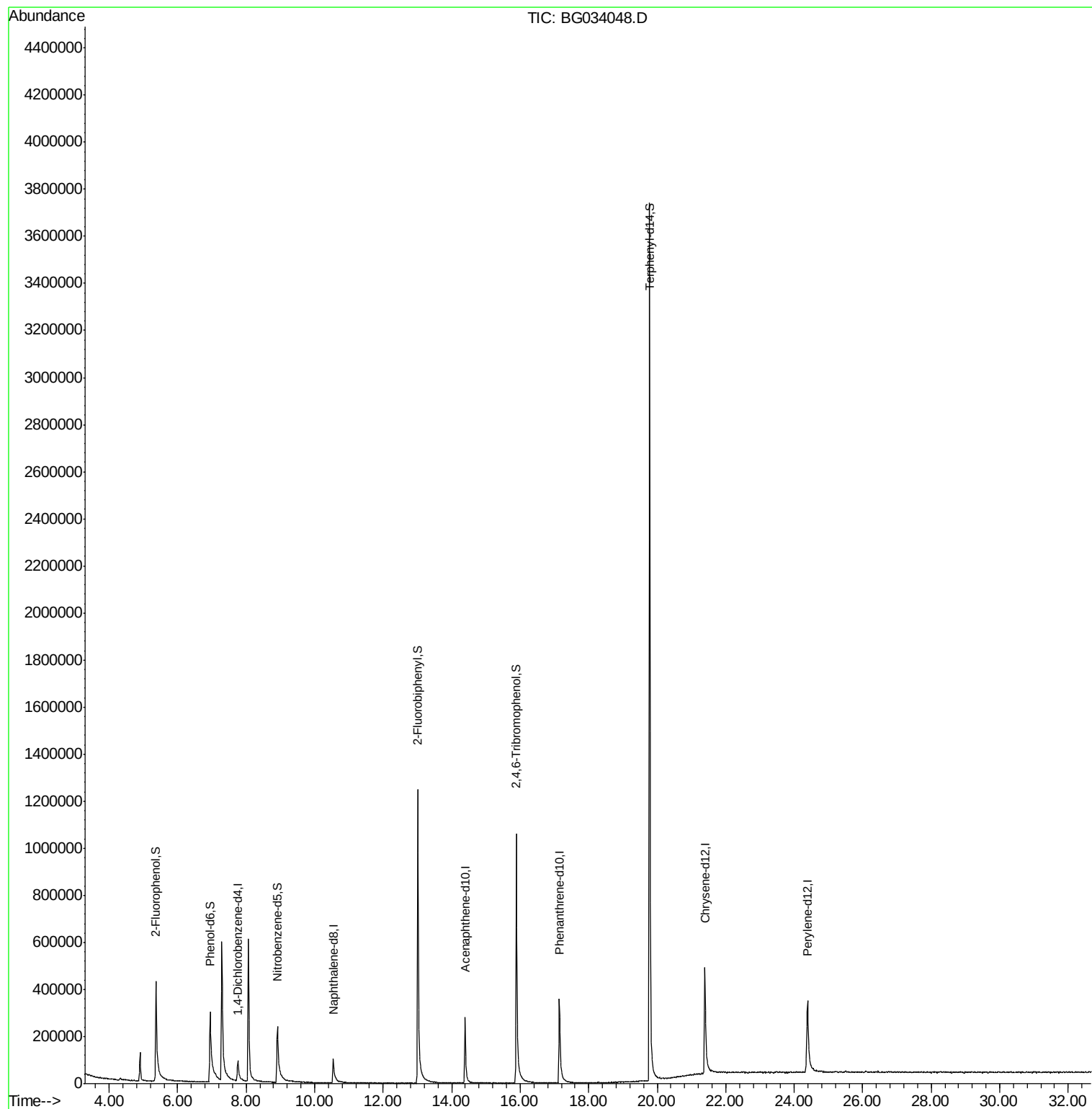
Data Path : Z:\HPCHEM1\BNA G\DATA\BG042718\
Data File : BG034048.D
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Operator : SJ/JU
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Misc :
ALS Vial : 12 Sample Multiplier: 1

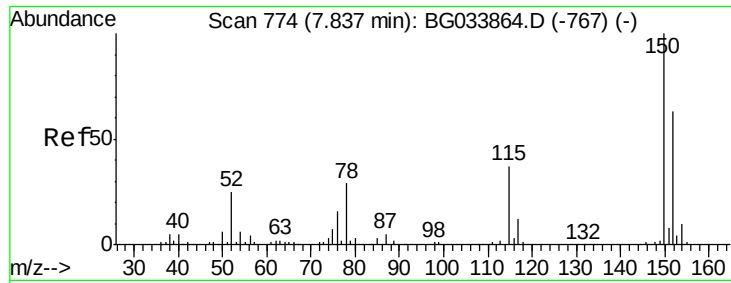
Instrument :
BNA_G
ClientSampleId :
TP-2

Manual Integrations
APPROVED

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041918.M
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#1

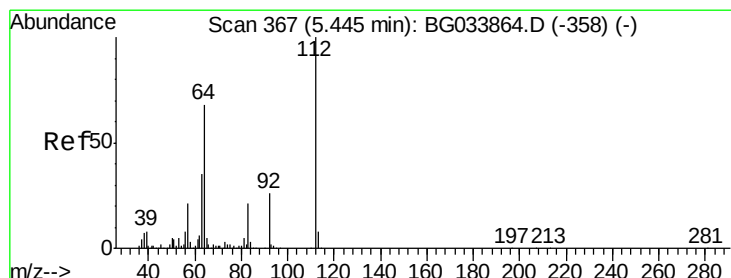
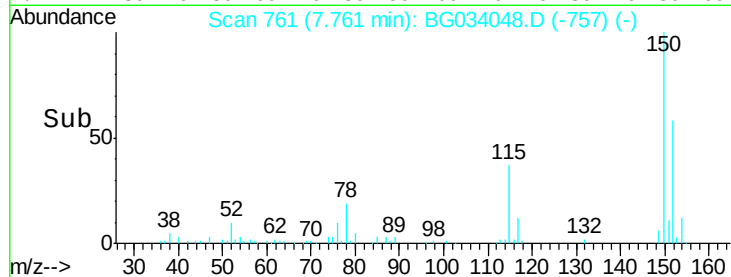
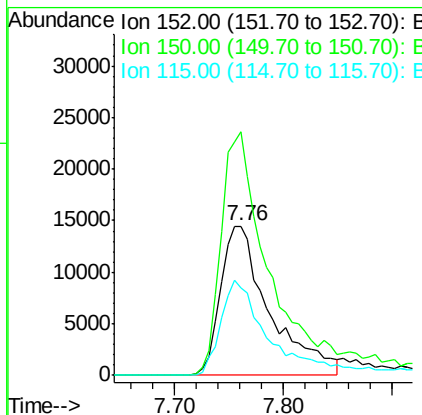
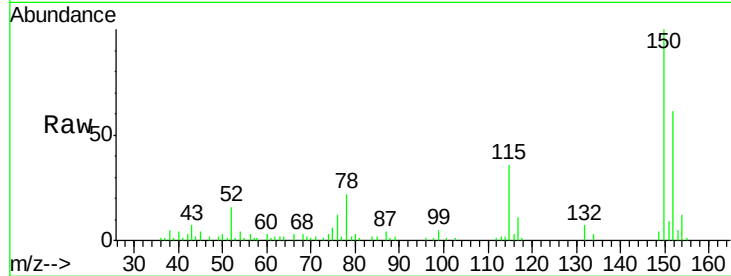
1,4-Dichlorobenzene-d4
Concen: 20.000 ng/ml
RT: 7.76 min Scan# 761
Delta R.T. -0.08 min
Lab File: BG034048.D
Acq: 27 Apr 2018 20:47

Instrument :
BNA_G
ClientSampled :
TP-2

Tot Ion	Ratio	Lower	Upper
152	100		
150	163.2	126.6	189.8
115	59.0	53.0	79.4

Manual Integrations
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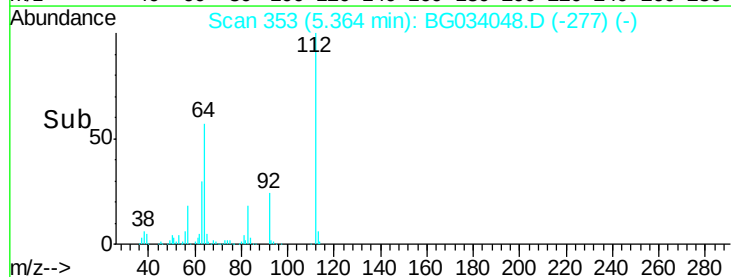
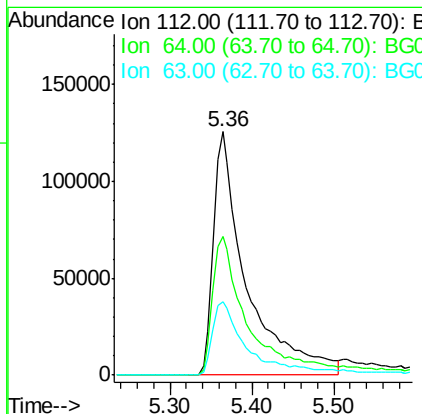
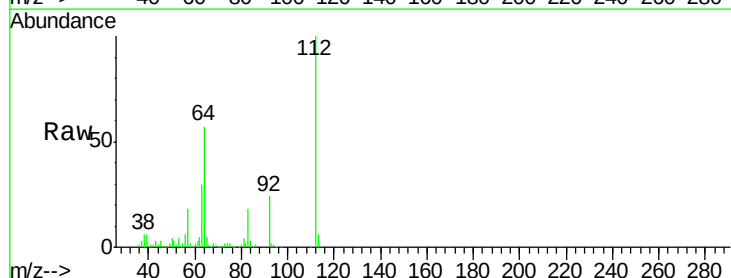
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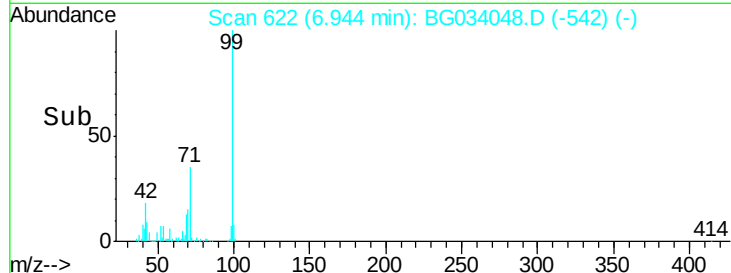
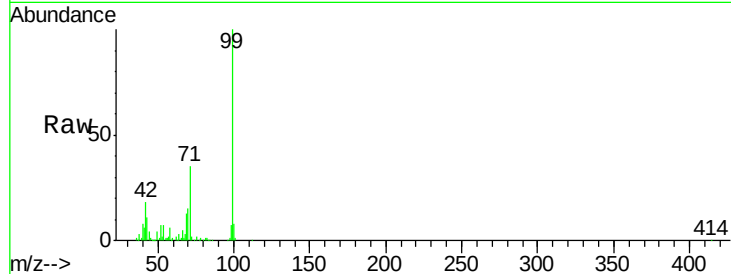
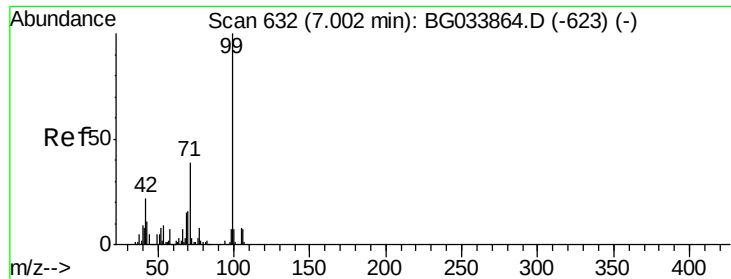


#5

2-Fluorophenol
Concen: 124.951 ng
RT: 5.36 min Scan# 353
Delta R.T. -0.08 min
Lab File: BG034048.D
Acq: 27 Apr 2018 20:47

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.2	56.3	84.5
63	30.3	30.1	45.1





#7

Phenol-d6

Concen: 95.742 ng

RT: 6.94 min Scan# 622

Delta R.T. -0.06 min

Lab File: BG034048.D

Acq: 27 Apr 2018 20:47

Tot Ion:	99	Resp:	396607
Ion Ratio	Lower	Upper	
99	100		
42	18.3	14.1	21.1
71	34.8	26.1	39.1

Instrument :

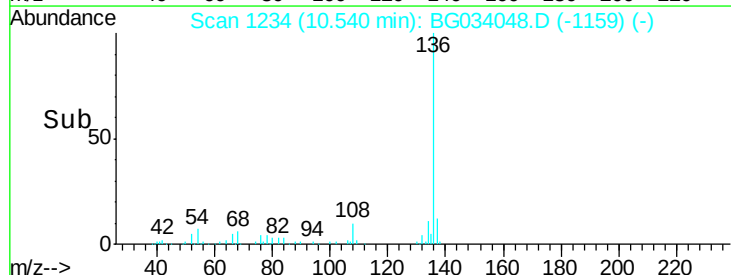
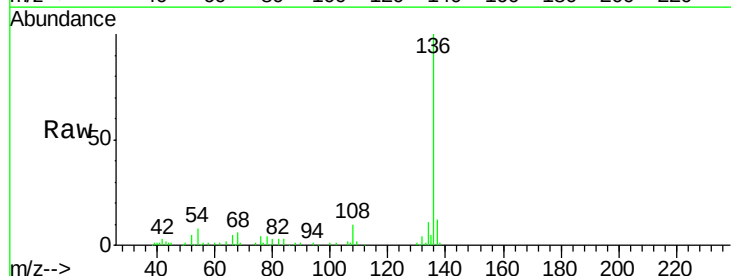
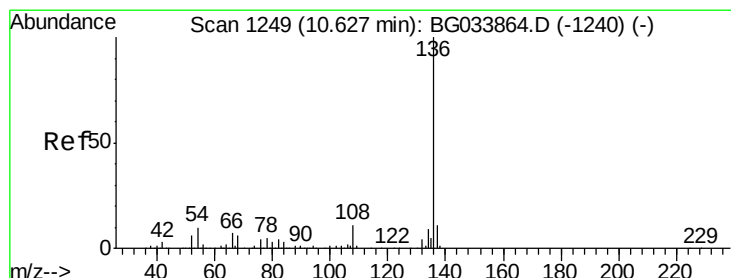
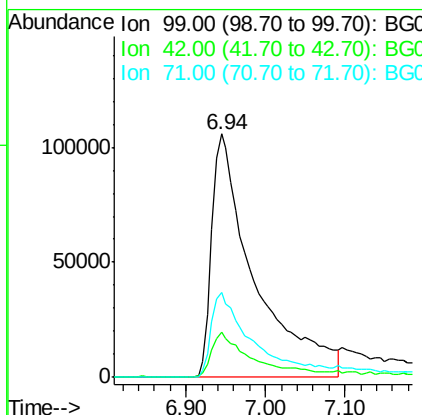
BNA_G

ClientSampled :

TP-2

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#21

Naphthalene-d8

Concen: 20.000 ng

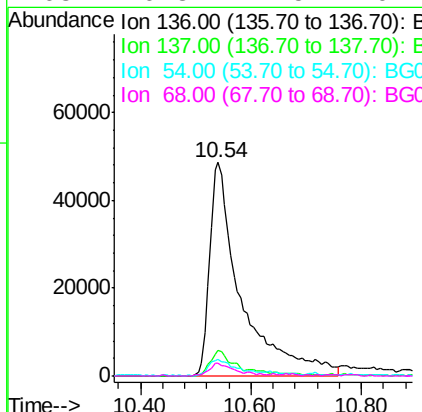
RT: 10.54 min Scan# 1234

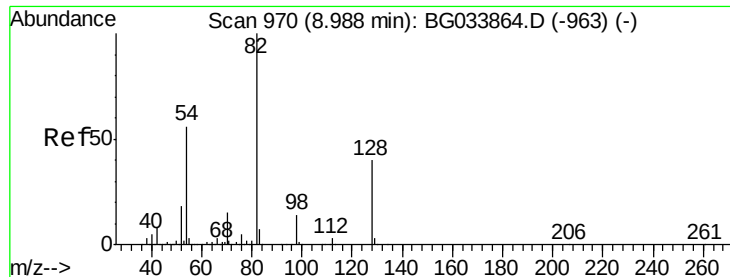
Delta R.T. -0.09 min

Lab File: BG034048.D

Acq: 27 Apr 2018 20:47

Tgt Ion:	136	Resp:	192847
Ion Ratio	Lower	Upper	
136	100		
137	11.8	9.2	13.8
54	8.0	10.3	15.5#
68	6.3	4.5	6.7





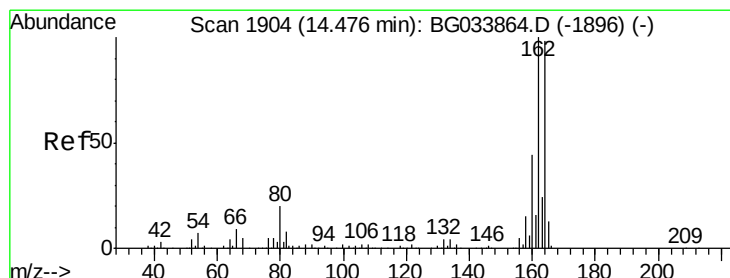
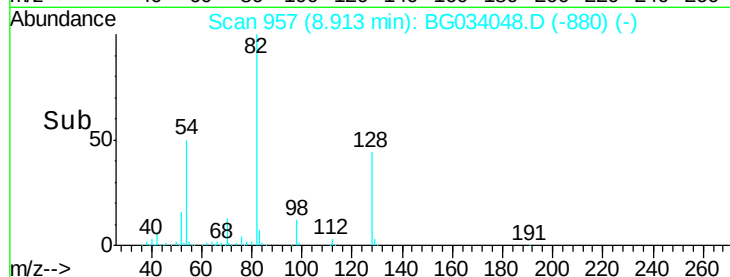
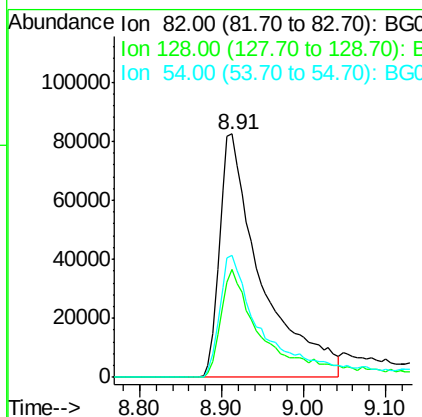
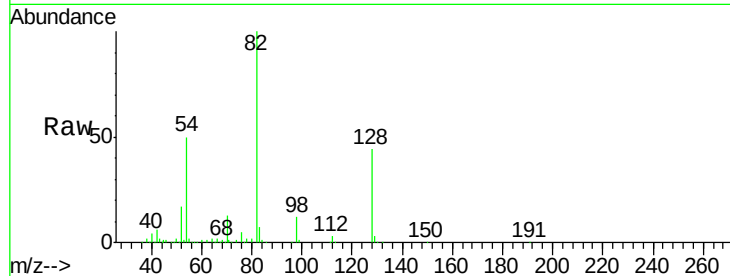
#23
 Nitrobenzene-d5
 Concen: 86.053 ng
 RT: 8.91 min Scan# 957
 Delta R.T. -0.08 min
 Lab File: BG034048.D
 Acq: 27 Apr 2018 20:47

Instrument :
 BNA_G
 ClientSampled :
 TP-2

Tot Ion:	82	Resp:	291604
Ion	Ratio	Lower	Upper
82	100		
128	44.2	29.7	44.5
54	50.4	43.1	64.7

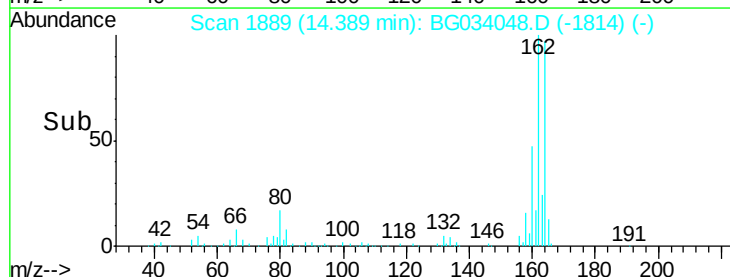
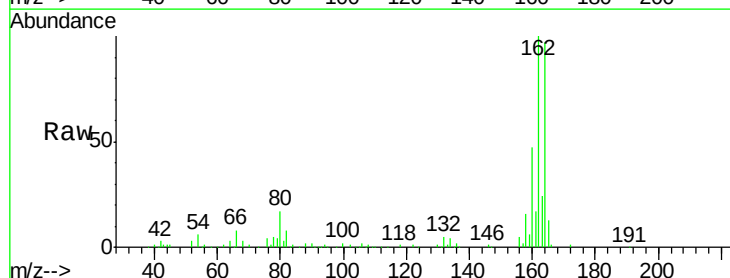
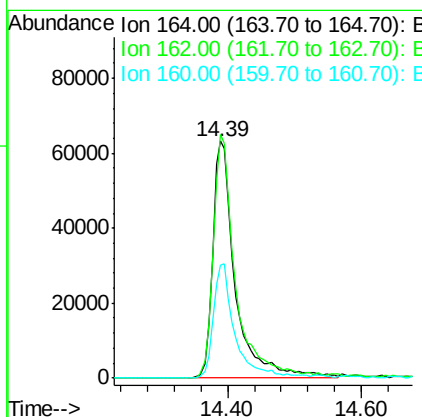
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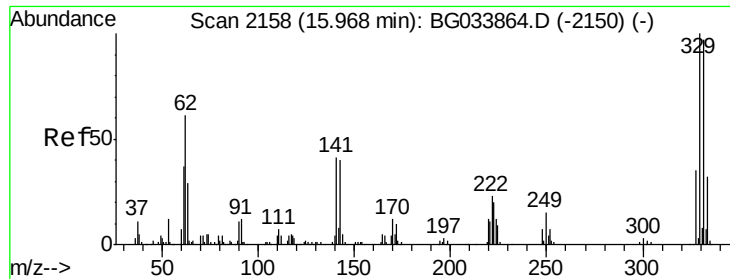
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.39 min Scan# 1889
 Delta R.T. -0.09 min
 Lab File: BG034048.D
 Acq: 27 Apr 2018 20:47

Tgt Ion:	164	Resp:	150643
Ion	Ratio	Lower	Upper
164	100		
162	102.7	78.8	118.2
160	47.8	35.4	53.0





#41

2,4,6-Tribromophenol

Concen: 182.359 ng

RT: 15.89 min Scan# 2144

Delta R.T. -0.08 min

Lab File: BG034048.D

Acq: 27 Apr 2018 20:47

Instrument :

BNA_G

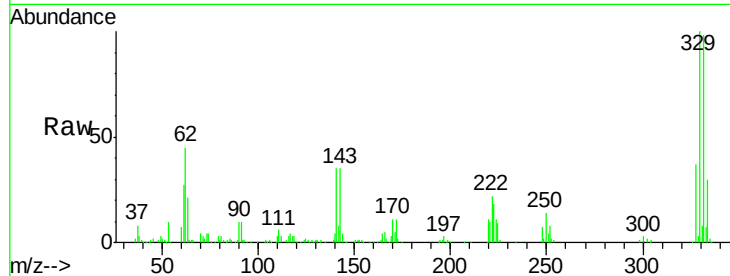
ClientSampled :

TP-2

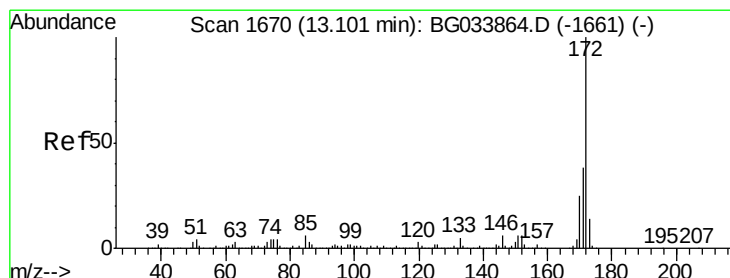
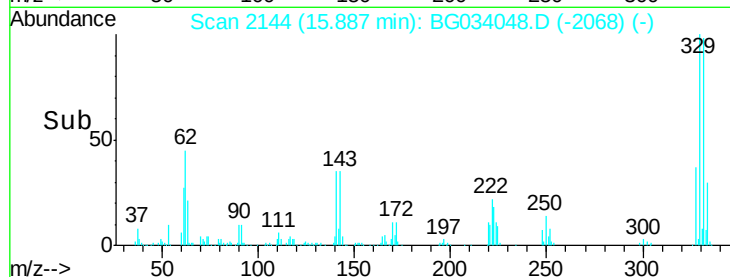
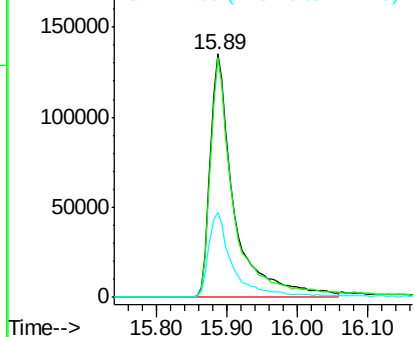
Tot Ion:	330	Resp:	320494
Ion Ratio	Lower	Upper	
330	100		
332	99.2	77.0	115.6
141	33.8	25.2	37.8

Manual Integrations
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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: 102.757 ng

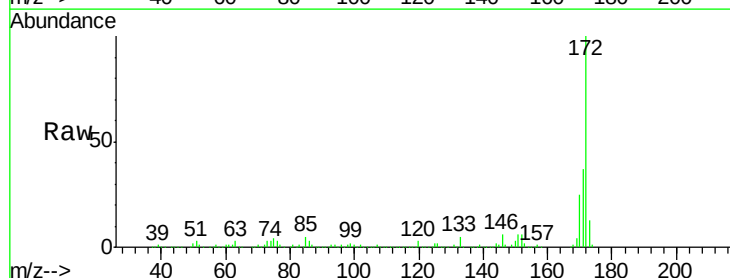
RT: 13.01 min Scan# 1655

Delta R.T. -0.09 min

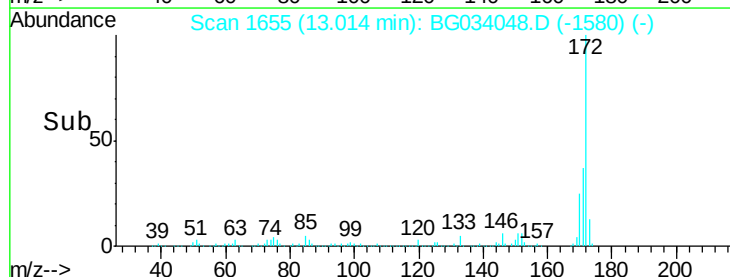
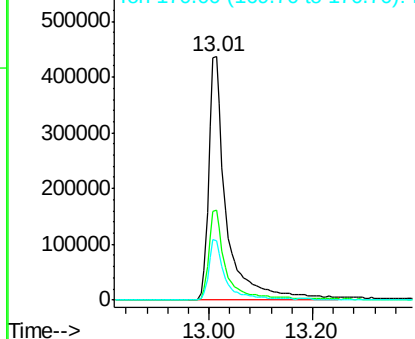
Lab File: BG034048.D

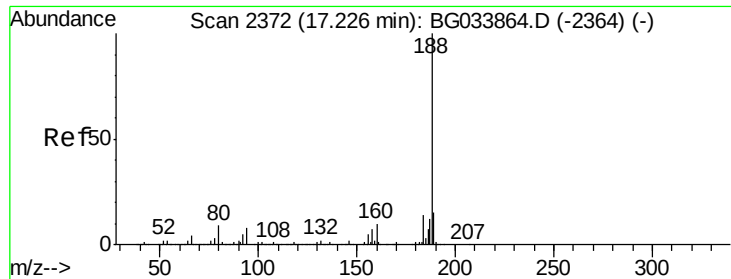
Acq: 27 Apr 2018 20:47

Tgt Ion:	172	Resp:	1053731
Ion Ratio	Lower	Upper	
172	100		
171	37.2	30.0	45.0
170	24.5	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: 17.14 min Scan# 2358

Delta R.T. -0.08 min

Lab File: BG034048.D

Acq: 27 Apr 2018 20:47

Instrument :

BNA_G

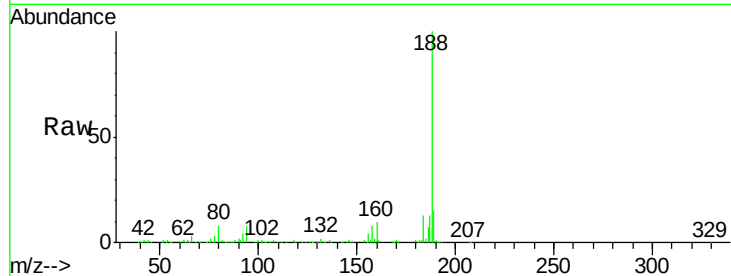
ClientSampled :

TP-2

Tot Ion:	188	Resp:	435929
Ion Ratio	Lower	Upper	
188	100		
94	7.8	6.9	10.3
80	7.8	7.7	11.5

Manual Integrations
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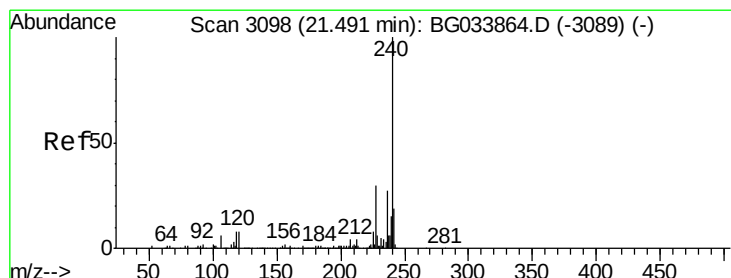
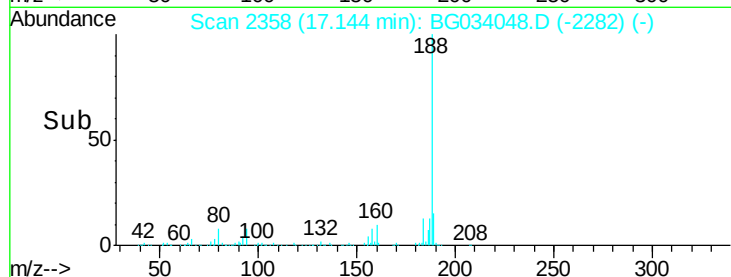
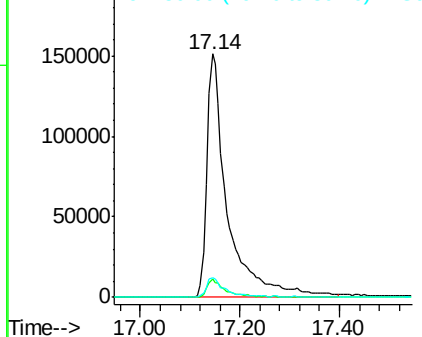
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#75

Chrysene-d12

Concen: 20.000 ng

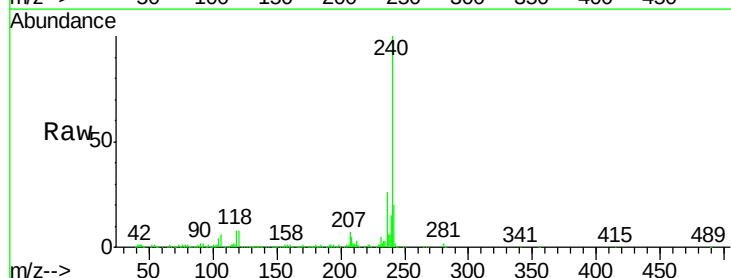
RT: 21.39 min Scan# 3081

Delta R.T. -0.10 min

Lab File: BG034048.D

Acq: 27 Apr 2018 20:47

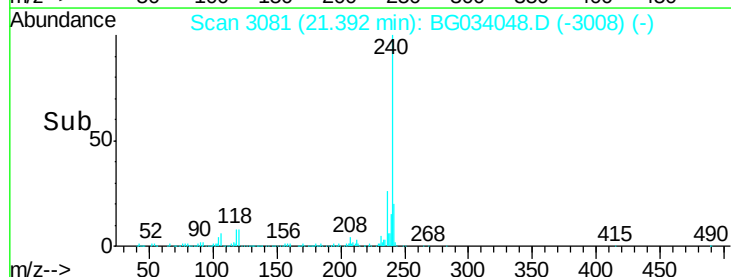
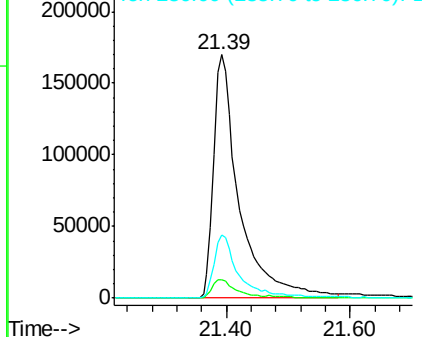
Tgt Ion:	240	Resp:	489338
Ion Ratio	Lower	Upper	
240	100		
120	7.6	6.8	10.2
236	26.0	20.9	31.3

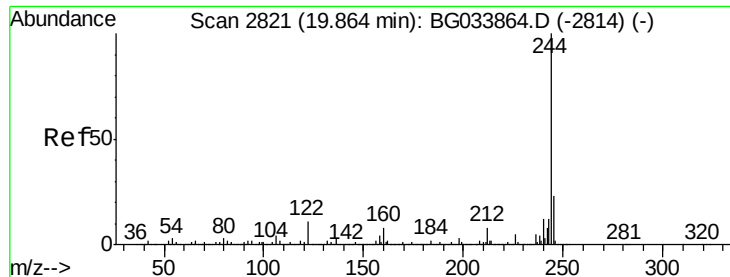


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 108.125 ng

RT: 19.78 min Scan# 2807

Delta R.T. -0.08 min

Lab File: BG034048.D

Acq: 27 Apr 2018 20:47

Instrument :

BNA_G

ClientSampled :

TP-2

Tot Ion:244 Resp: 2355086

Ion Ratio Lower Upper

244 100

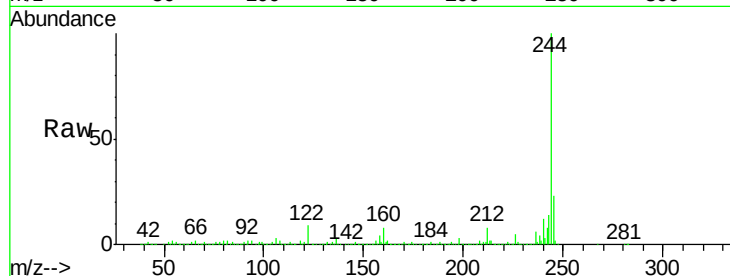
212 8.0 5.8 8.8

122 9.2 7.0 10.4

Manual Integrations
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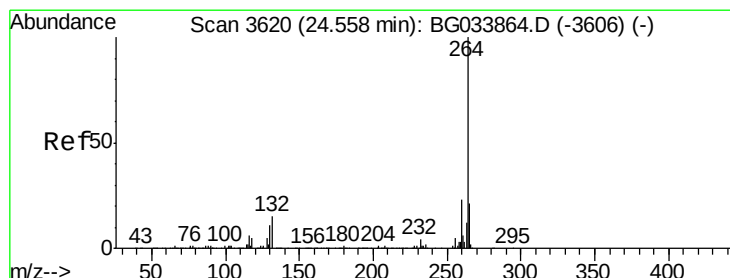
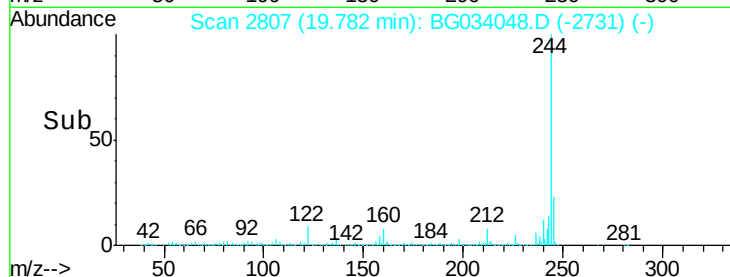
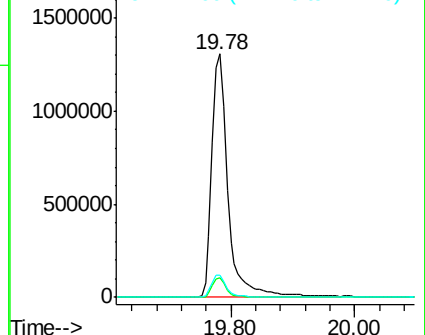
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Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.39 min Scan# 3591

Delta R.T. -0.17 min

Lab File: BG034048.D

Acq: 27 Apr 2018 20:47

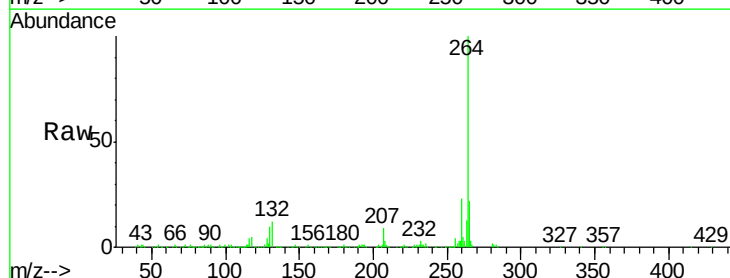
Tgt Ion:264 Resp: 478950

Ion Ratio Lower Upper

264 100

260 23.1 17.4 26.0

265 21.8 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

